

# Aryl Azoles Based Scaffolds for Disrupting Tumor Microenvironment

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*Supporting Information*

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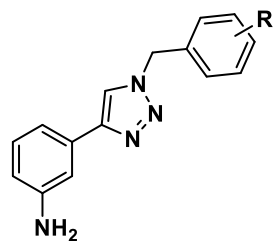
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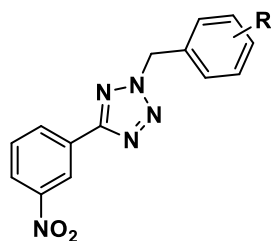
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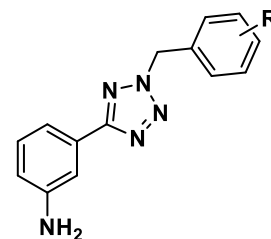
## Synthetic targets



- 1** (20%) R = H  
**2** (63%) R = *o*-CH<sub>3</sub>  
**3** (62%) R = *m*-CH<sub>3</sub>  
**4** (76%) R = *p*-CH<sub>3</sub>  
**5** (55%) R = *o*-OCH<sub>3</sub>  
**6** (59%) R = *m*-OCH<sub>3</sub>  
**7** (69%) R = *p*-OCH<sub>3</sub>  
**8** (38%) R = *o*-Br  
**9** (65%) R = *m*-Br  
**10** (17%) R = *p*-Br  
**11** (42%) R = *o*-Cl  
**12** (78%) R = *m*-Cl  
**13** (20%) R = *p*-Cl

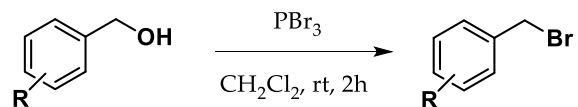


- 14** (65%) R = H  
**15** (24%) R = *o*-CH<sub>3</sub>  
**16** (61%) R = *m*-CH<sub>3</sub>  
**17** (67%) R = *p*-CH<sub>3</sub>  
**18** (56%) R = *o*-OCH<sub>3</sub>  
**19** (24%) R = *m*-OCH<sub>3</sub>  
**20** (48%) R = *p*-OCH<sub>3</sub>  
**21** (30%) R = *o*-Br  
**22** (17%) R = *m*-Br  
**23** (58%) R = *p*-Br  
**24** (48%) R = *o*-Cl  
**25** (66%) R = *m*-Cl  
**26** (72%) R = *p*-Cl

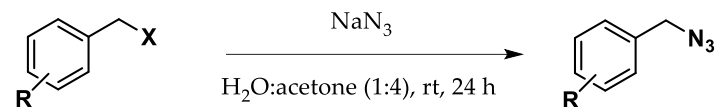


- 27** (77%) R = H  
**28** (76%) R = *o*-CH<sub>3</sub>  
**29** (76%) R = *m*-CH<sub>3</sub>  
**30** (76%) R = *p*-CH<sub>3</sub>  
**31** (65%) R = *o*-OCH<sub>3</sub>  
**32** (53%) R = *m*-OCH<sub>3</sub>  
**33** (65%) R = *p*-OCH<sub>3</sub>  
**34** (72%) R = *o*-Br  
**35** (62%) R = *m*-Br  
**36** (78%) R = *p*-Br  
**37** (80%) R = *o*-Cl  
**38** (78%) R = *m*-Cl  
**39** (76%) R = *p*-Cl

## Synthesis of precursors

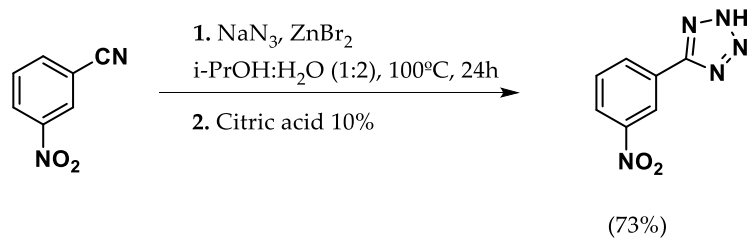


(78%) R = *o*-OCH<sub>3</sub>  
(98%) R = *m*-OCH<sub>3</sub>  
(89%) R = *p*-OCH<sub>3</sub>  
(39%) R = *o*-Br

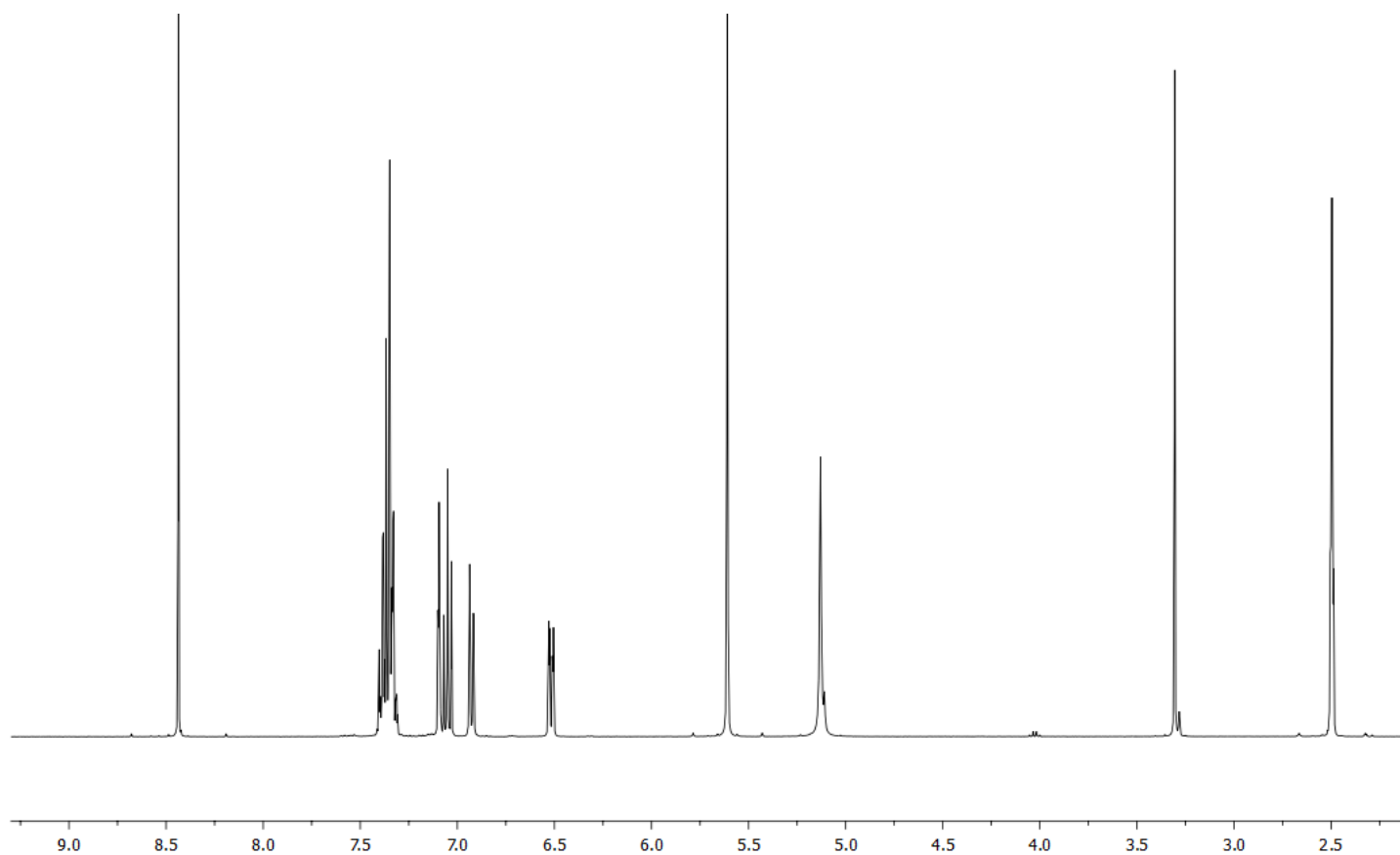
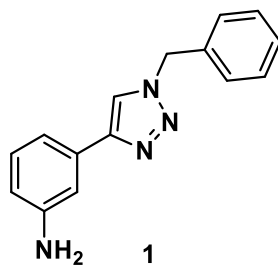


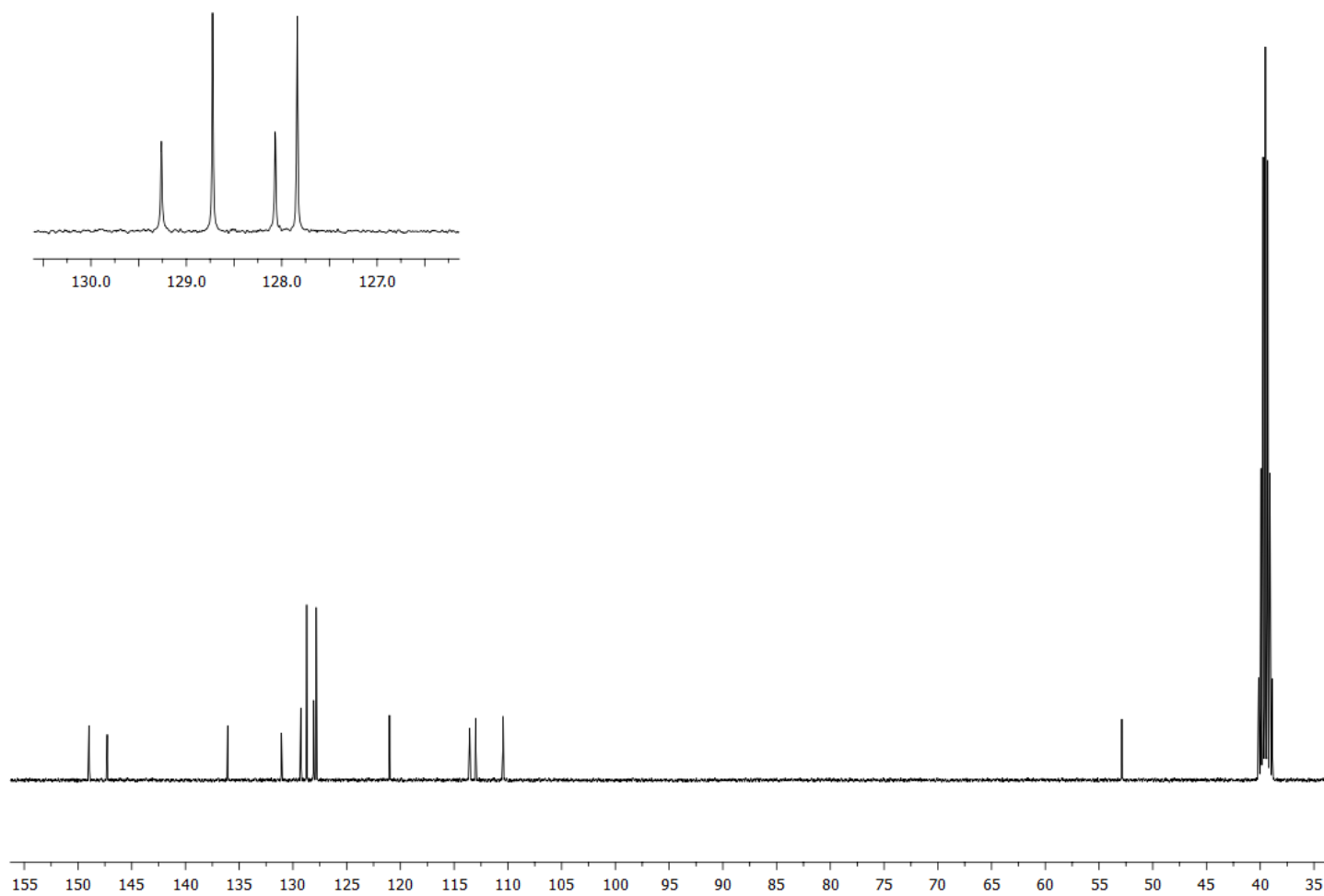
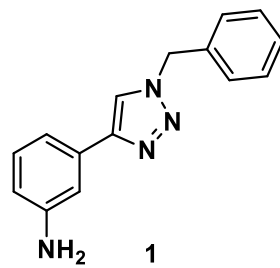
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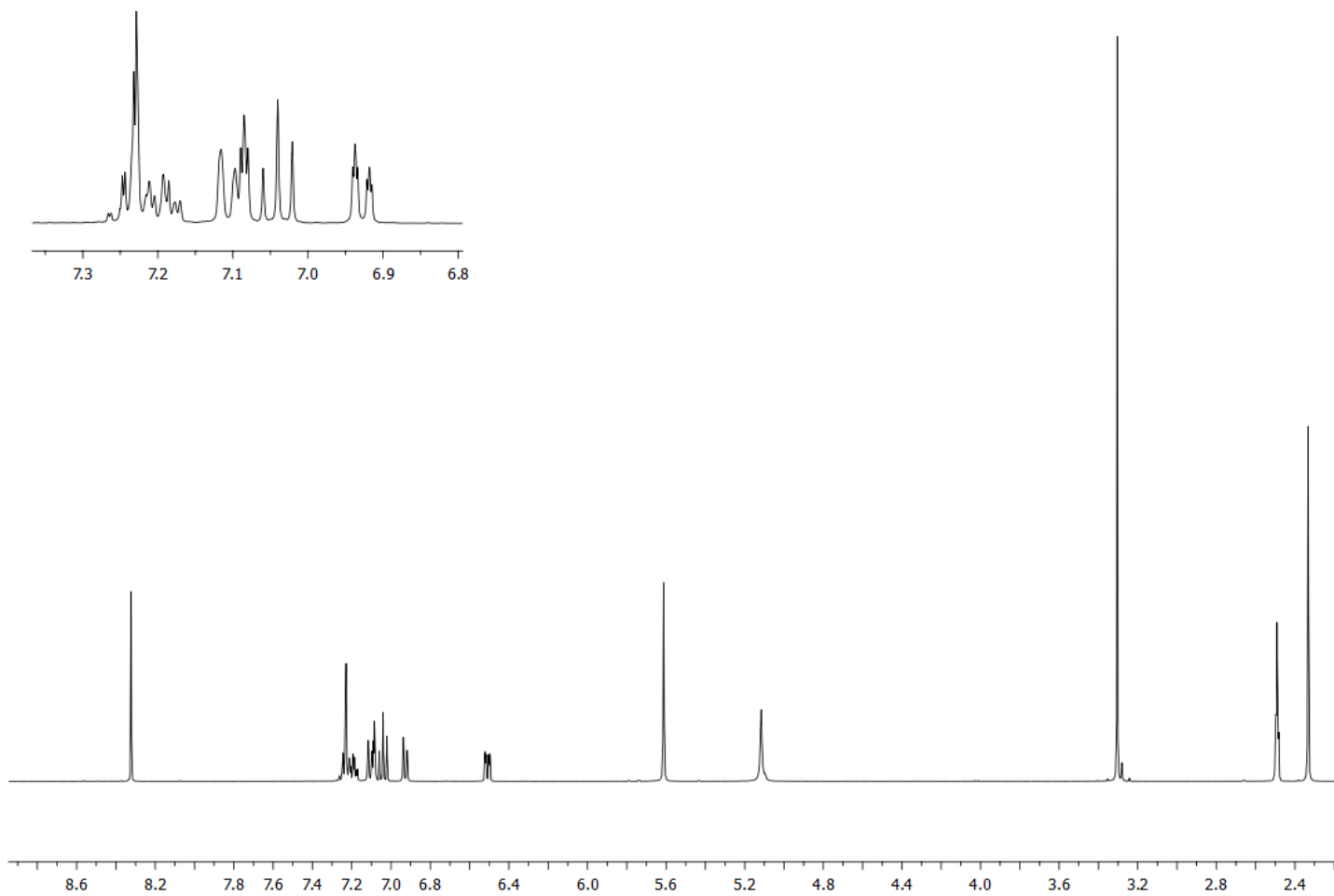
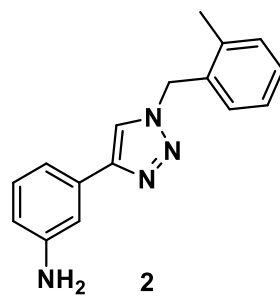
(78%) R = H  
(78%) R = *o*-CH<sub>3</sub>  
(86%) R = *m*-CH<sub>3</sub>  
(83%) R = *p*-CH<sub>3</sub>  
(22%) R = *o*-OCH<sub>3</sub>  
(84%) R = *m*-OCH<sub>3</sub>  
(86%) R = *p*-OCH<sub>3</sub>  
(83%) R = *o*-Br  
(92%) R = *m*-Br  
(89%) R = *p*-Br  
(29%) R = *o*-Cl  
(40%) R = *m*-Cl  
(88%) R = *p*-Cl

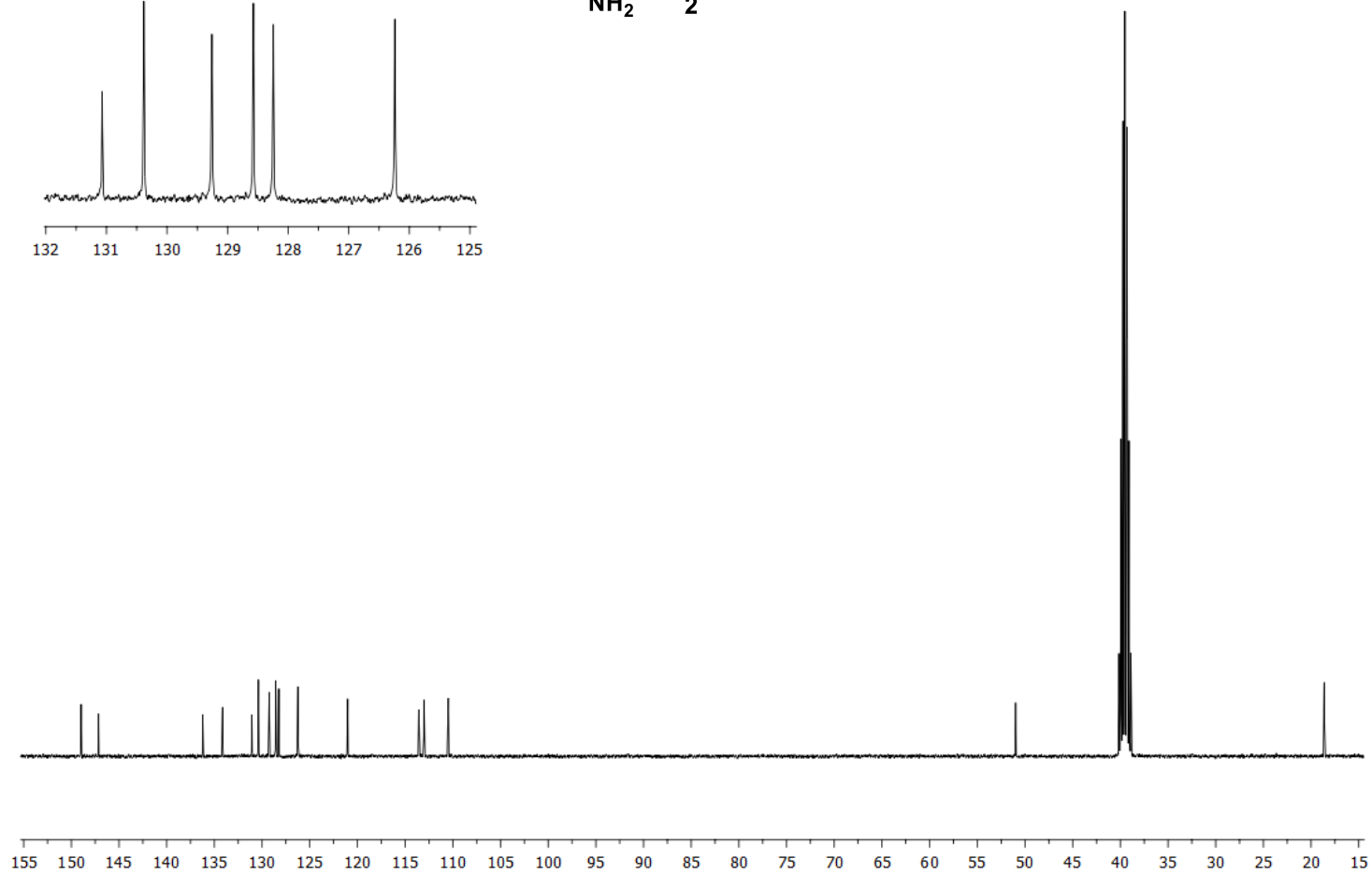
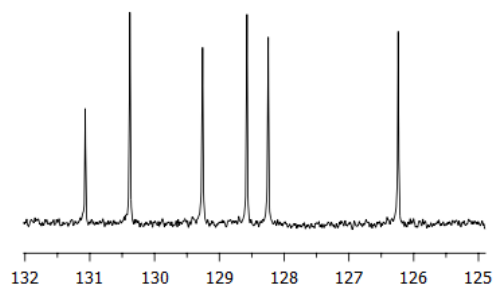
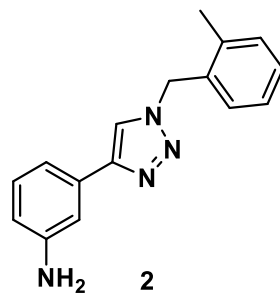


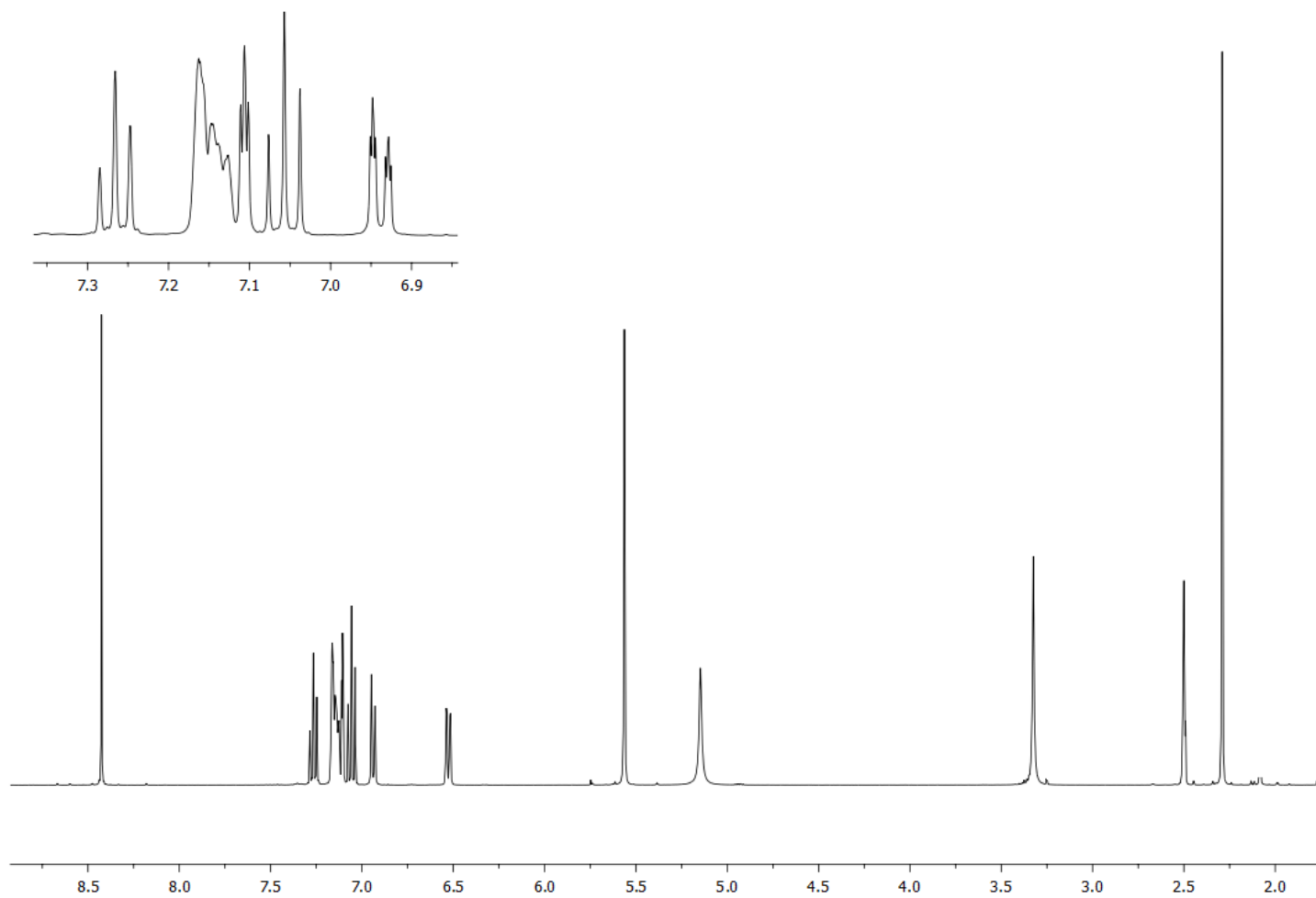
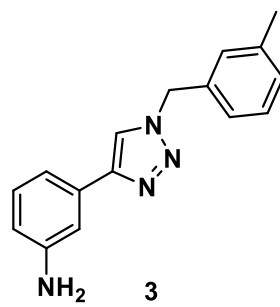
# Graphical NMR spectra of synthetic targets



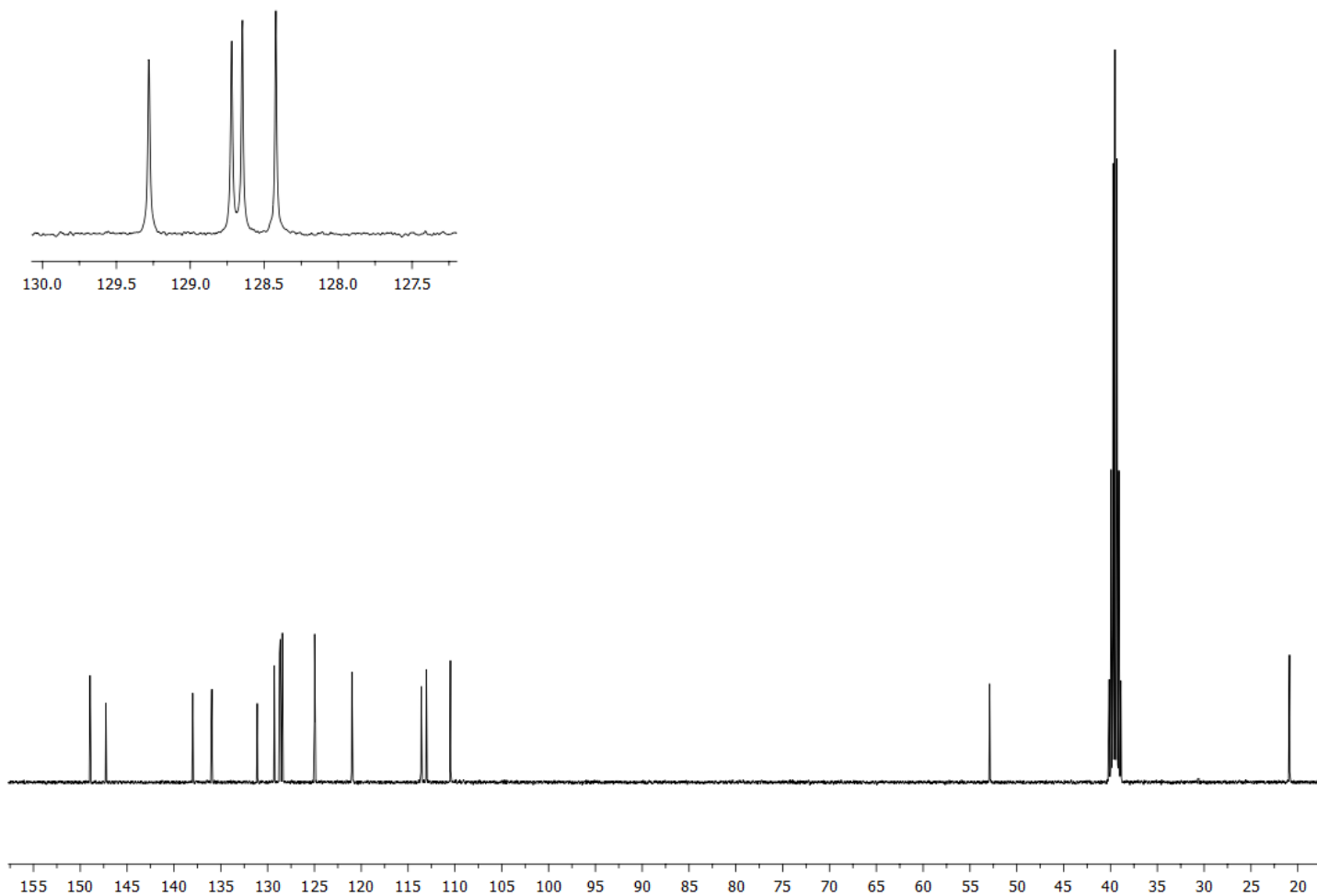
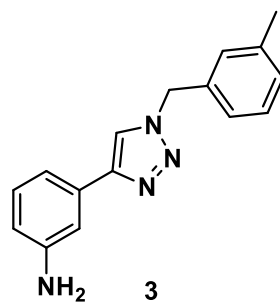


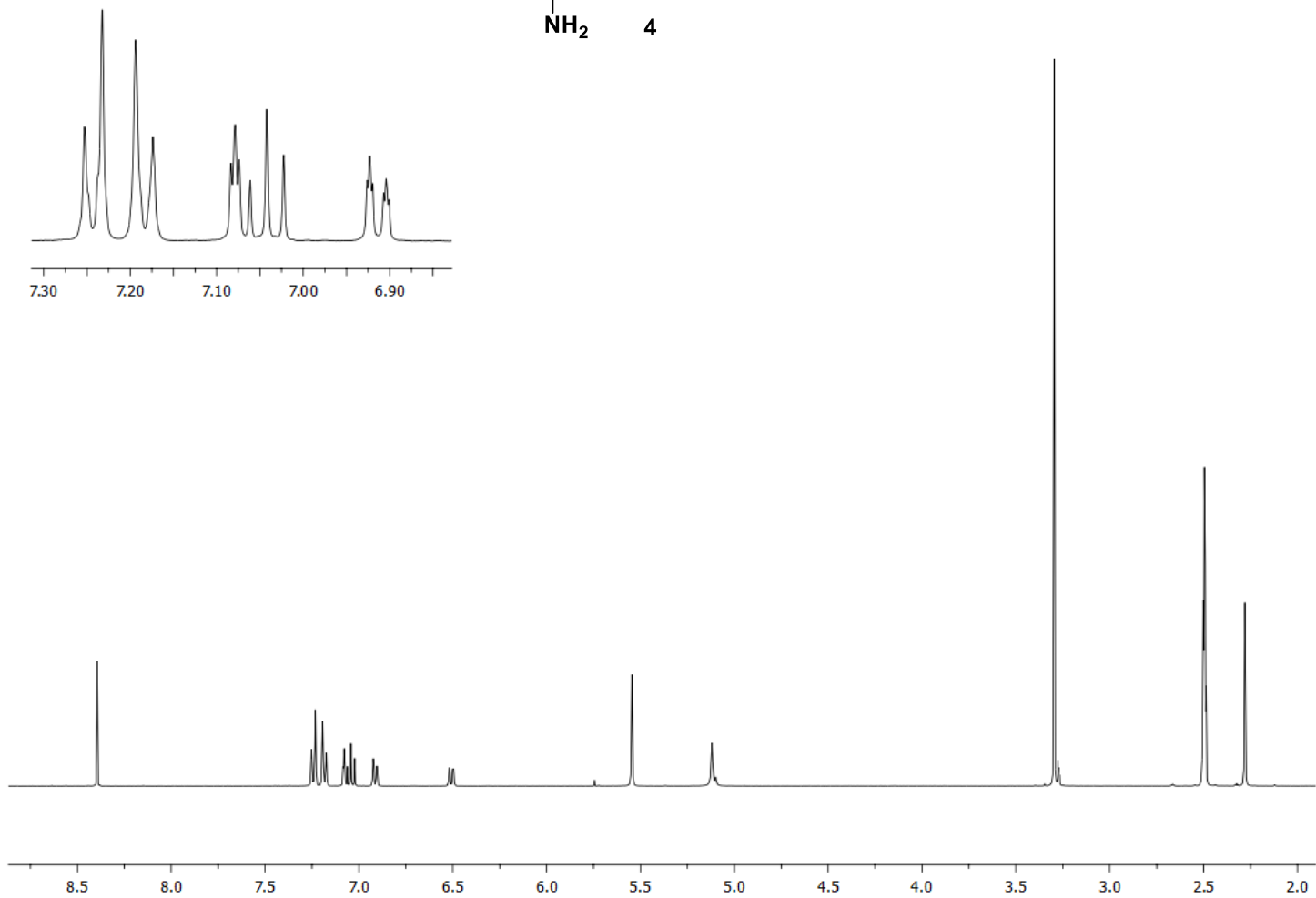
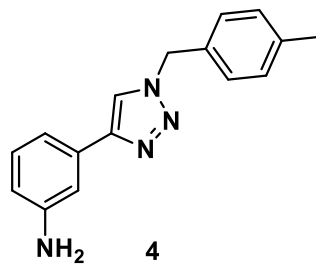


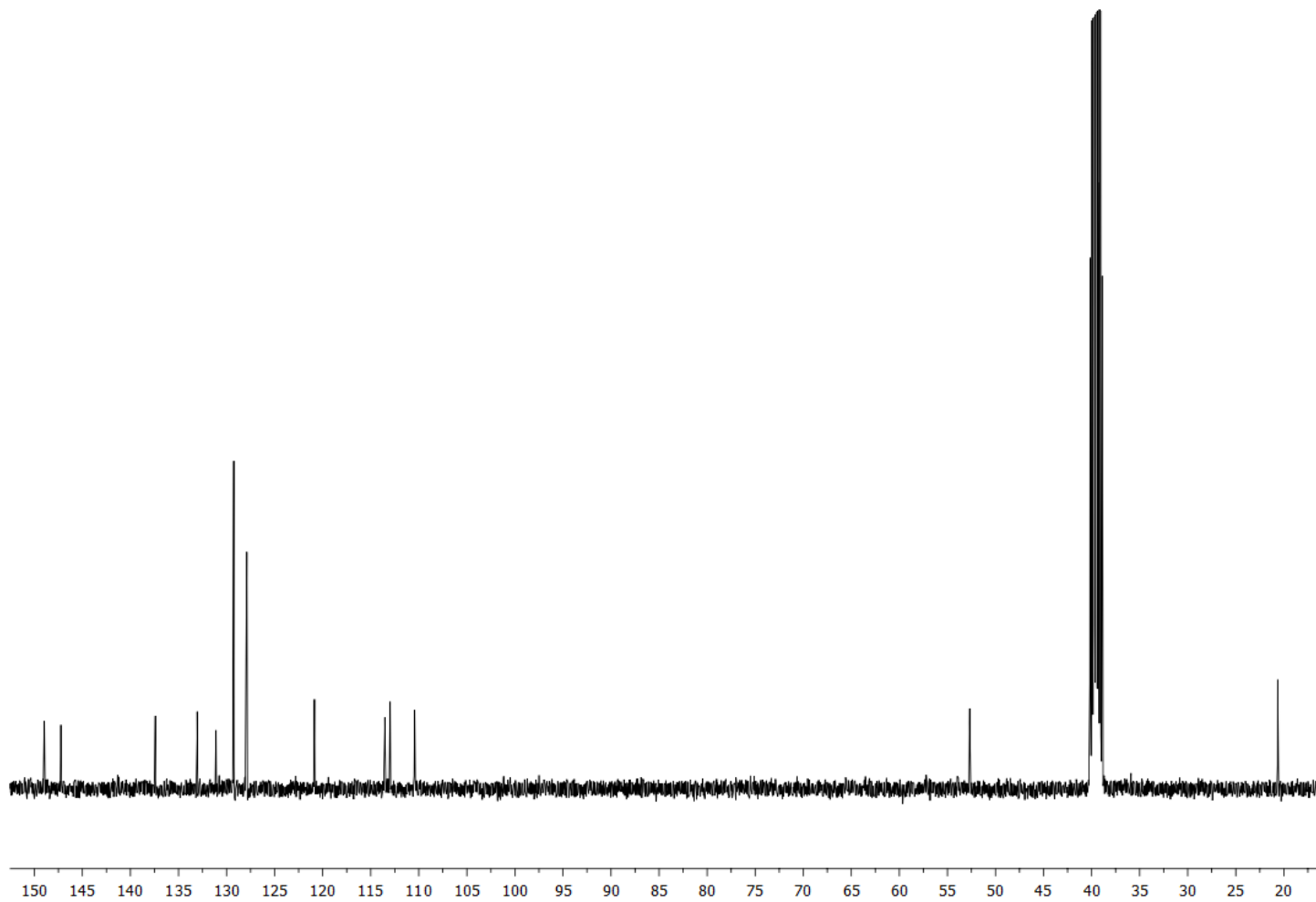
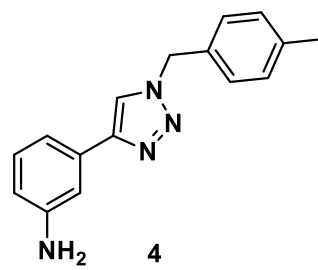


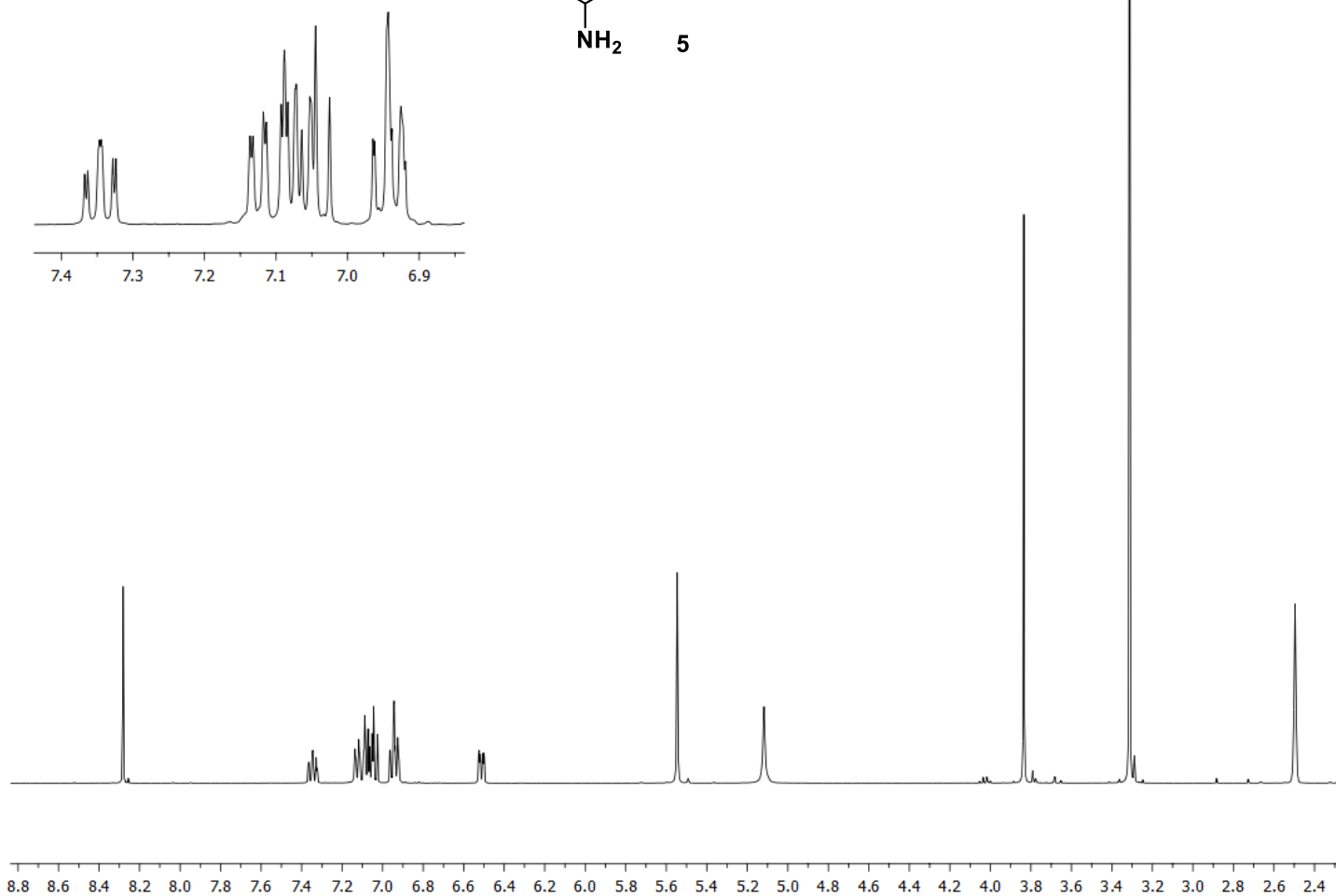
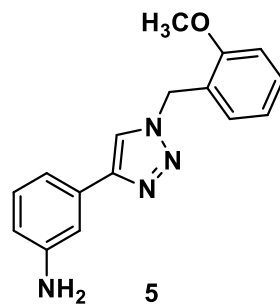


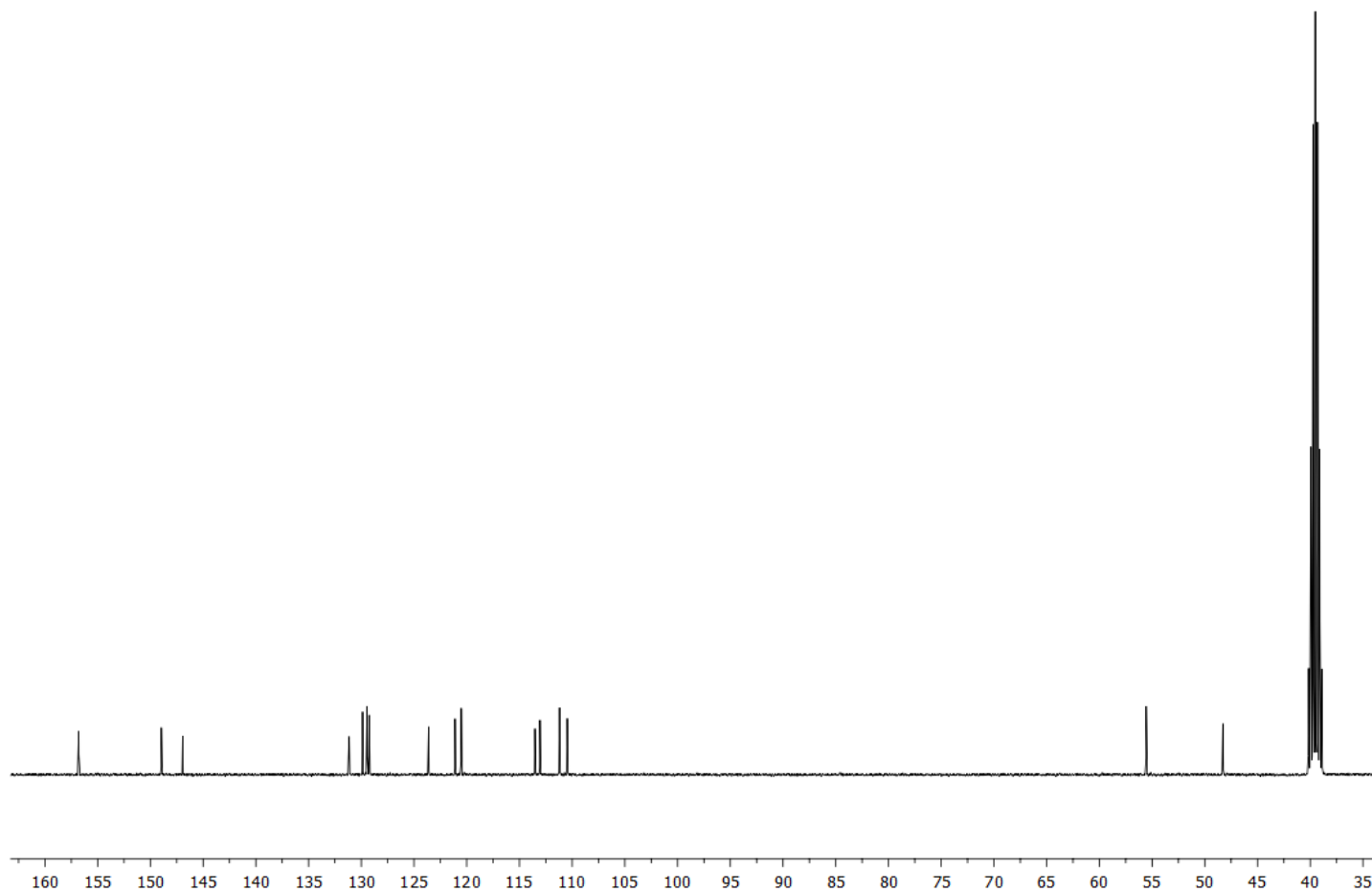
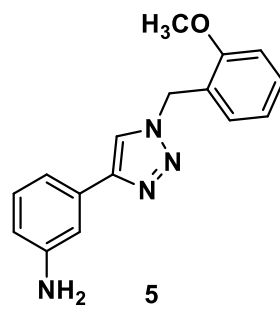


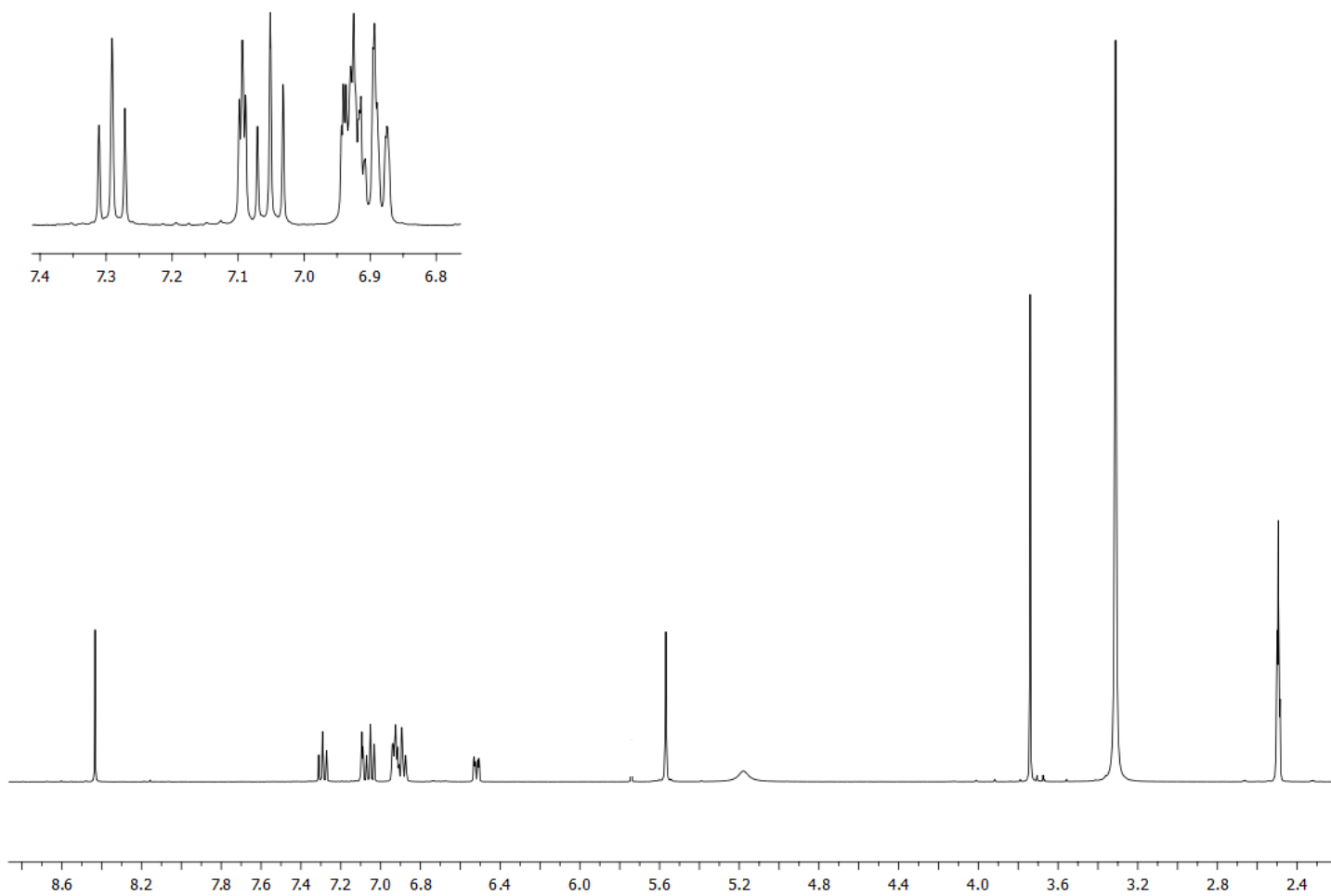
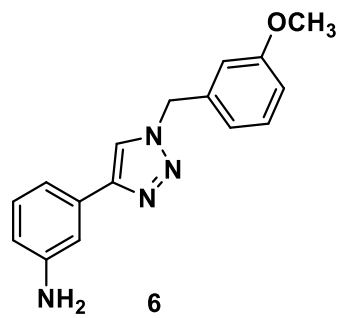


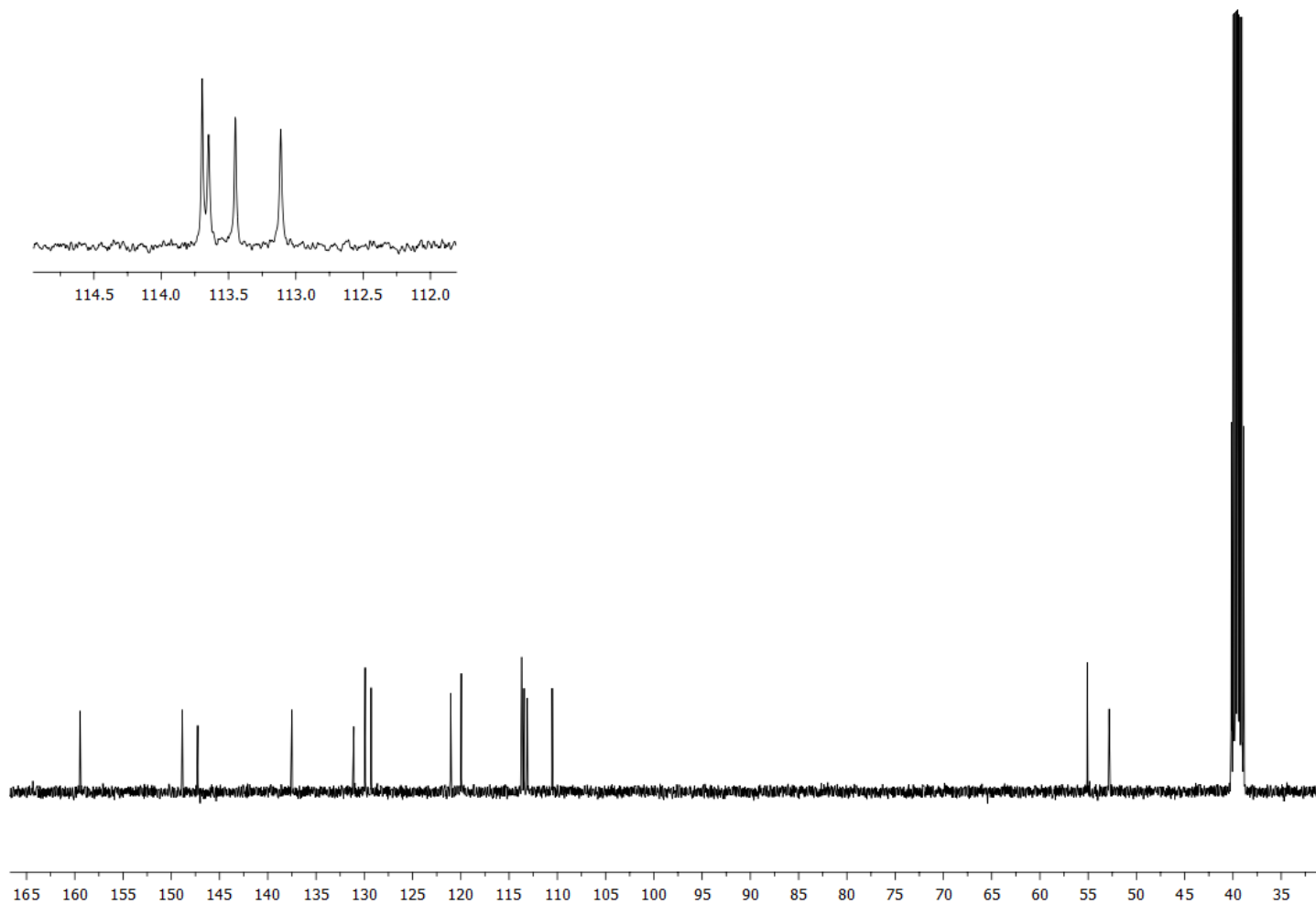
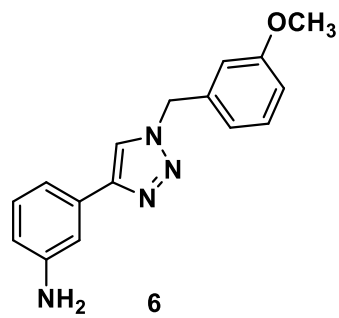


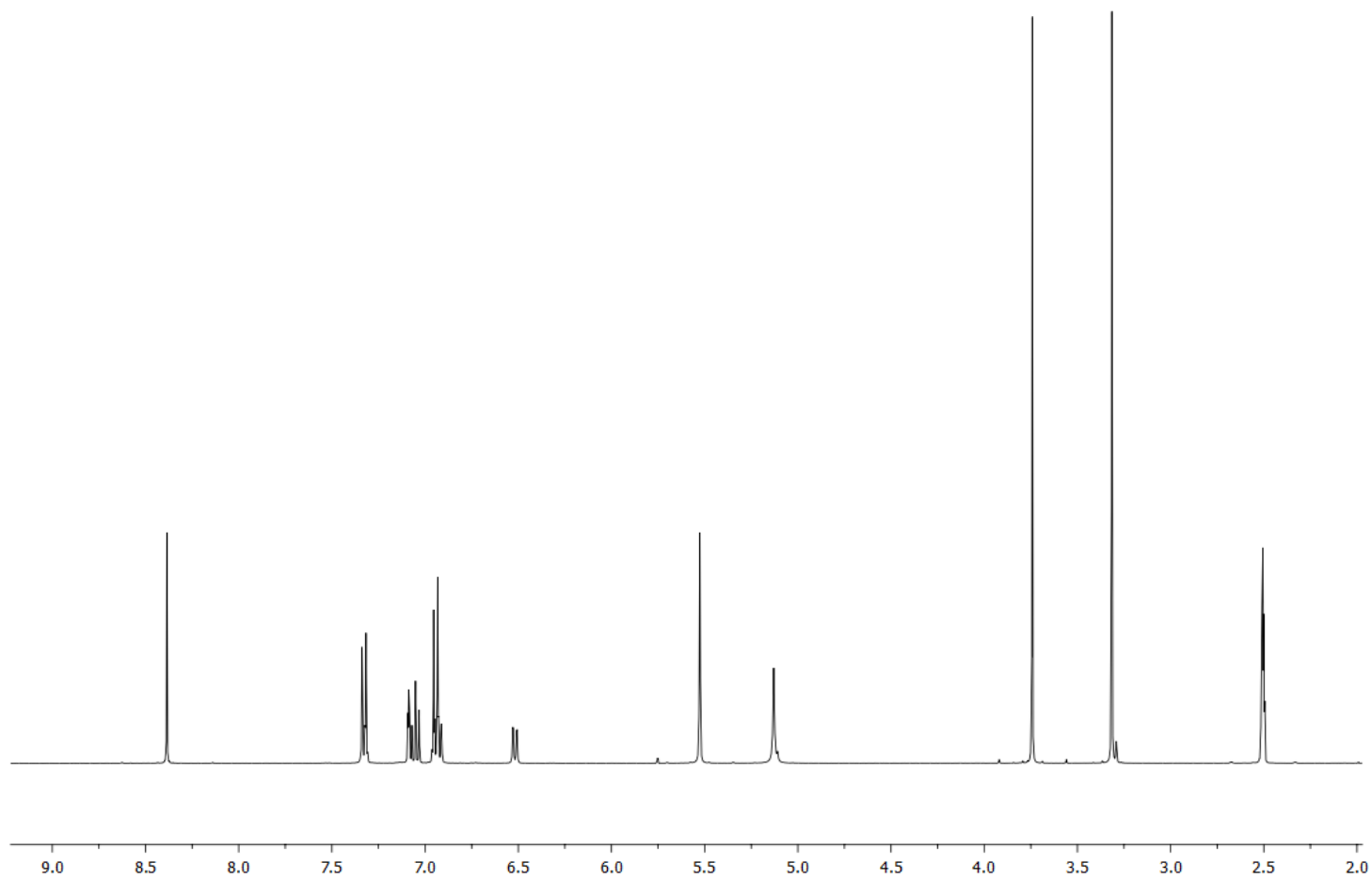
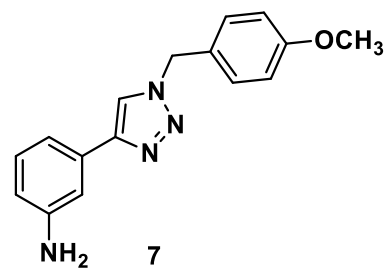




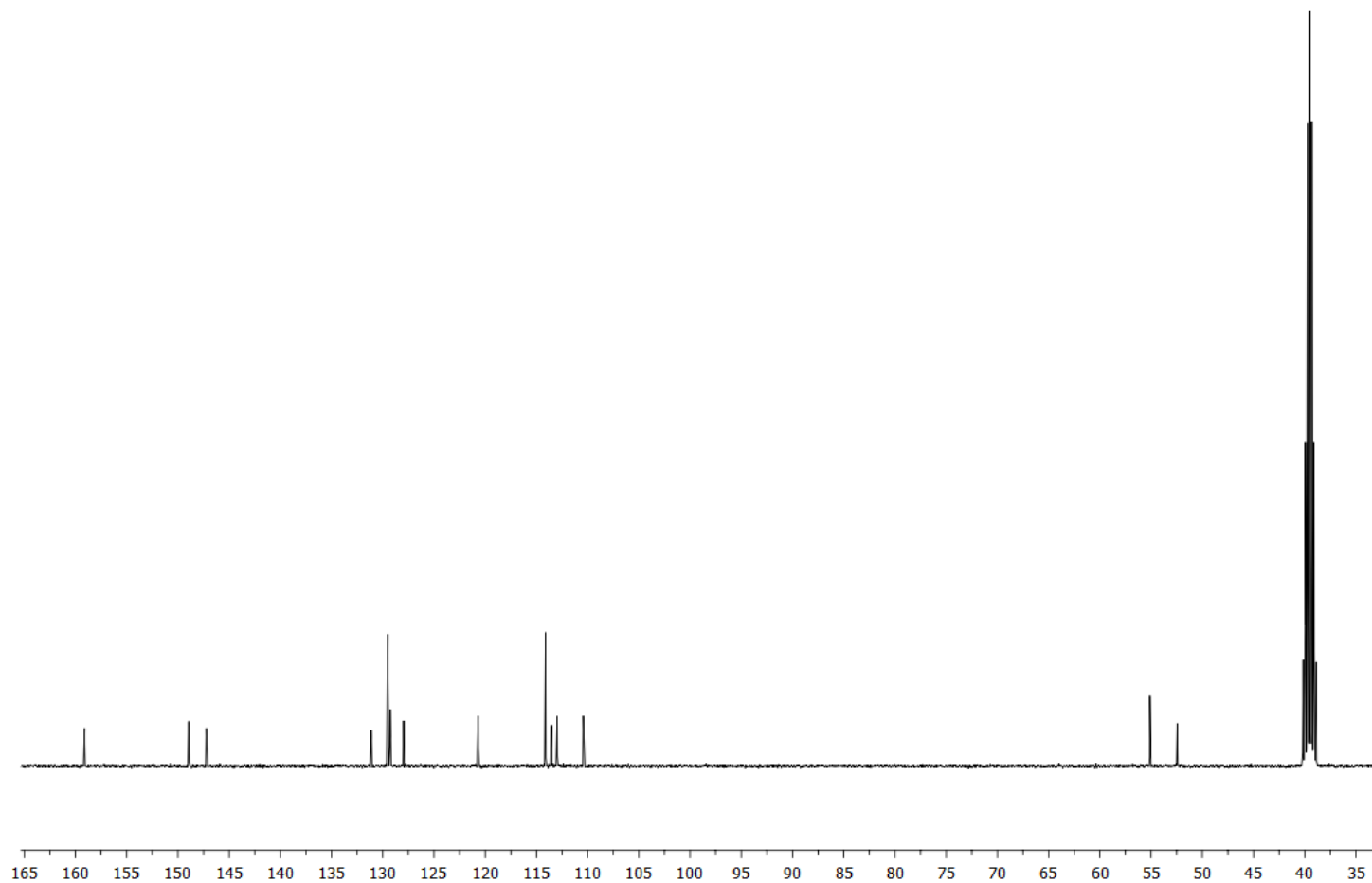
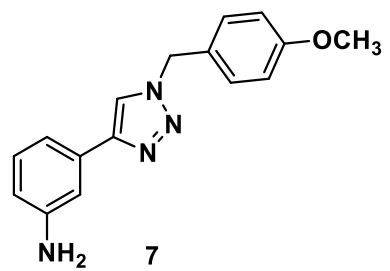


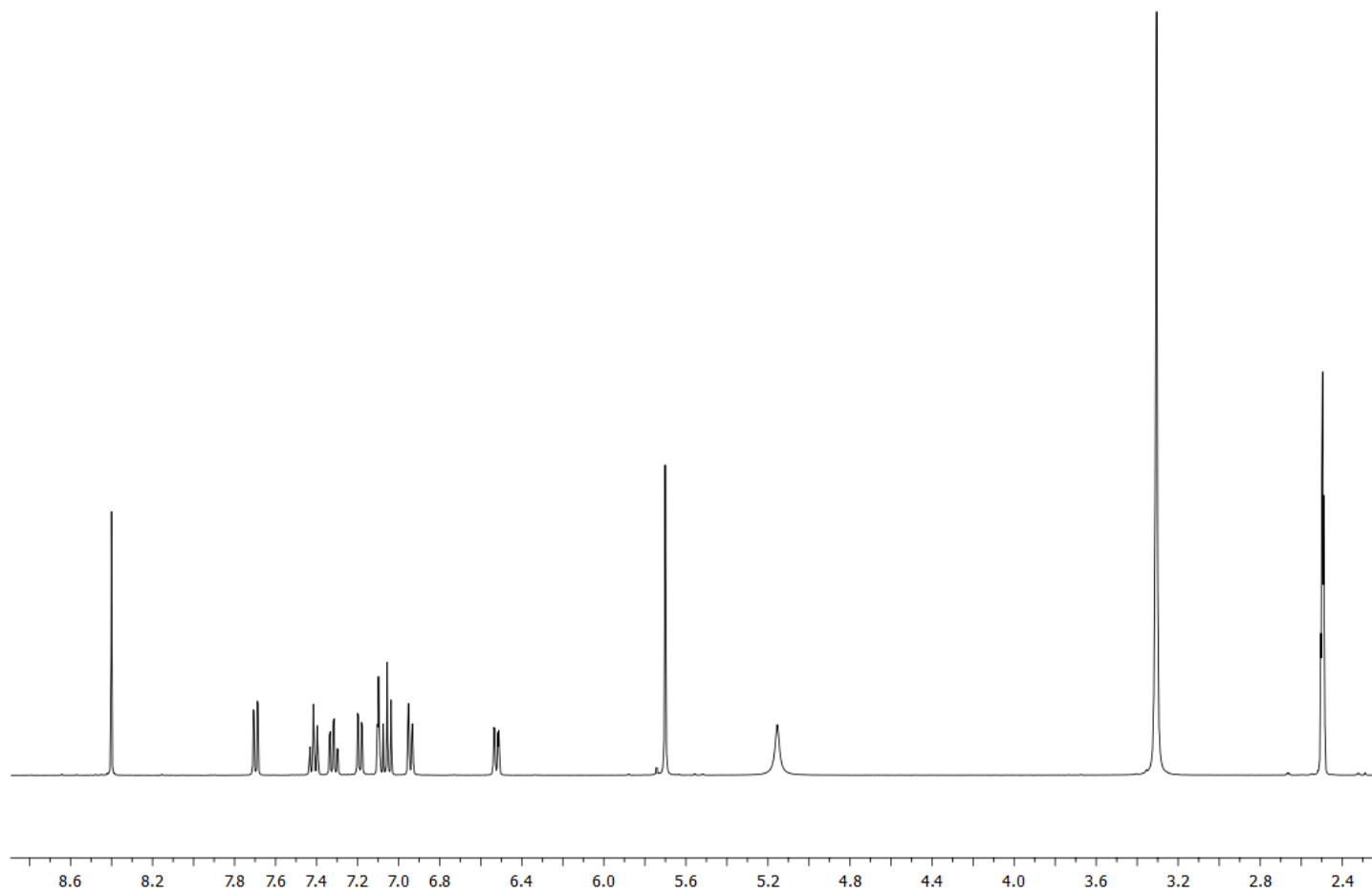
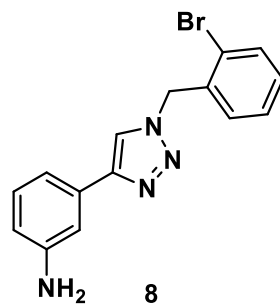


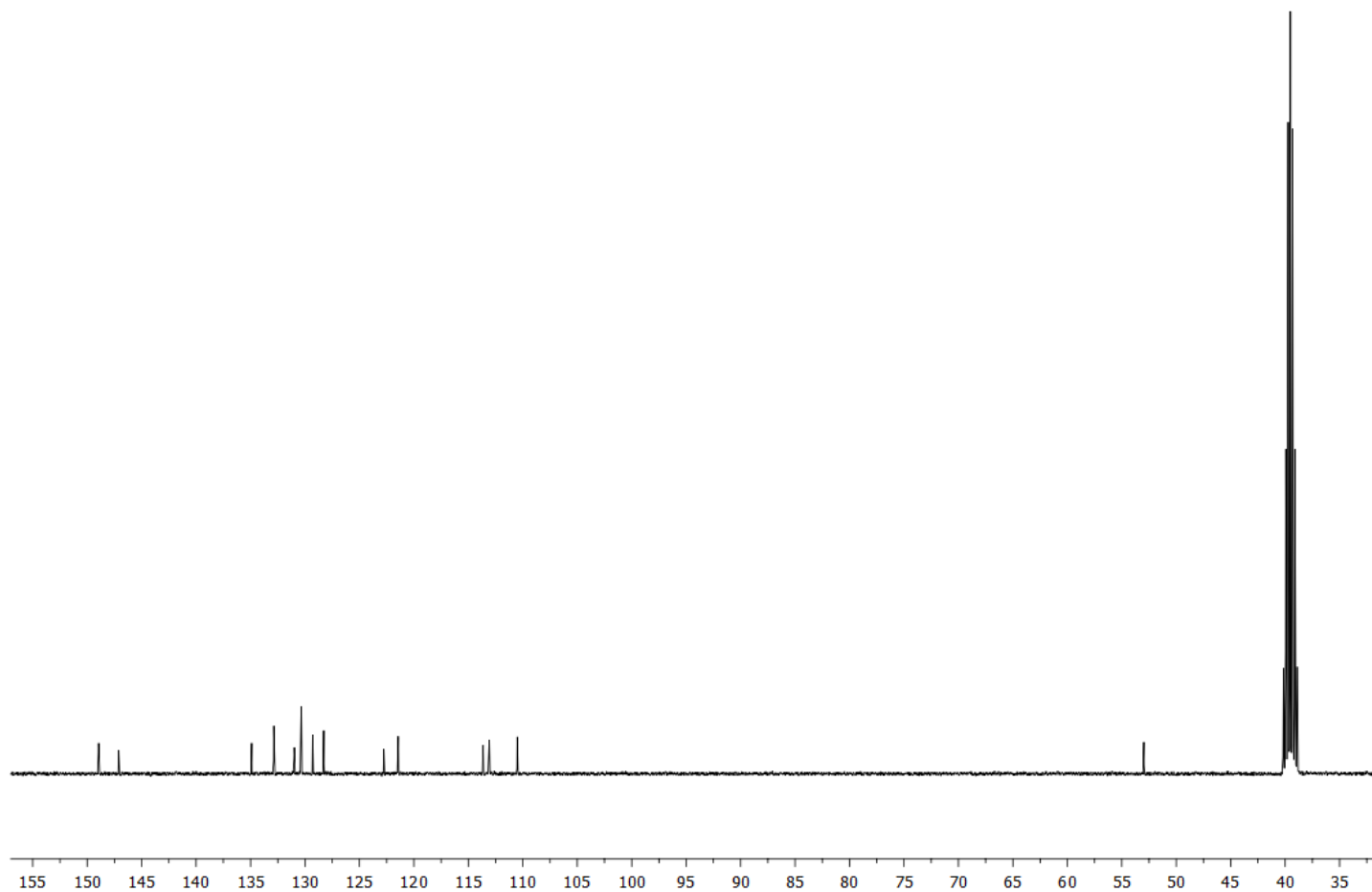
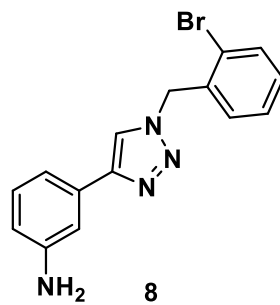


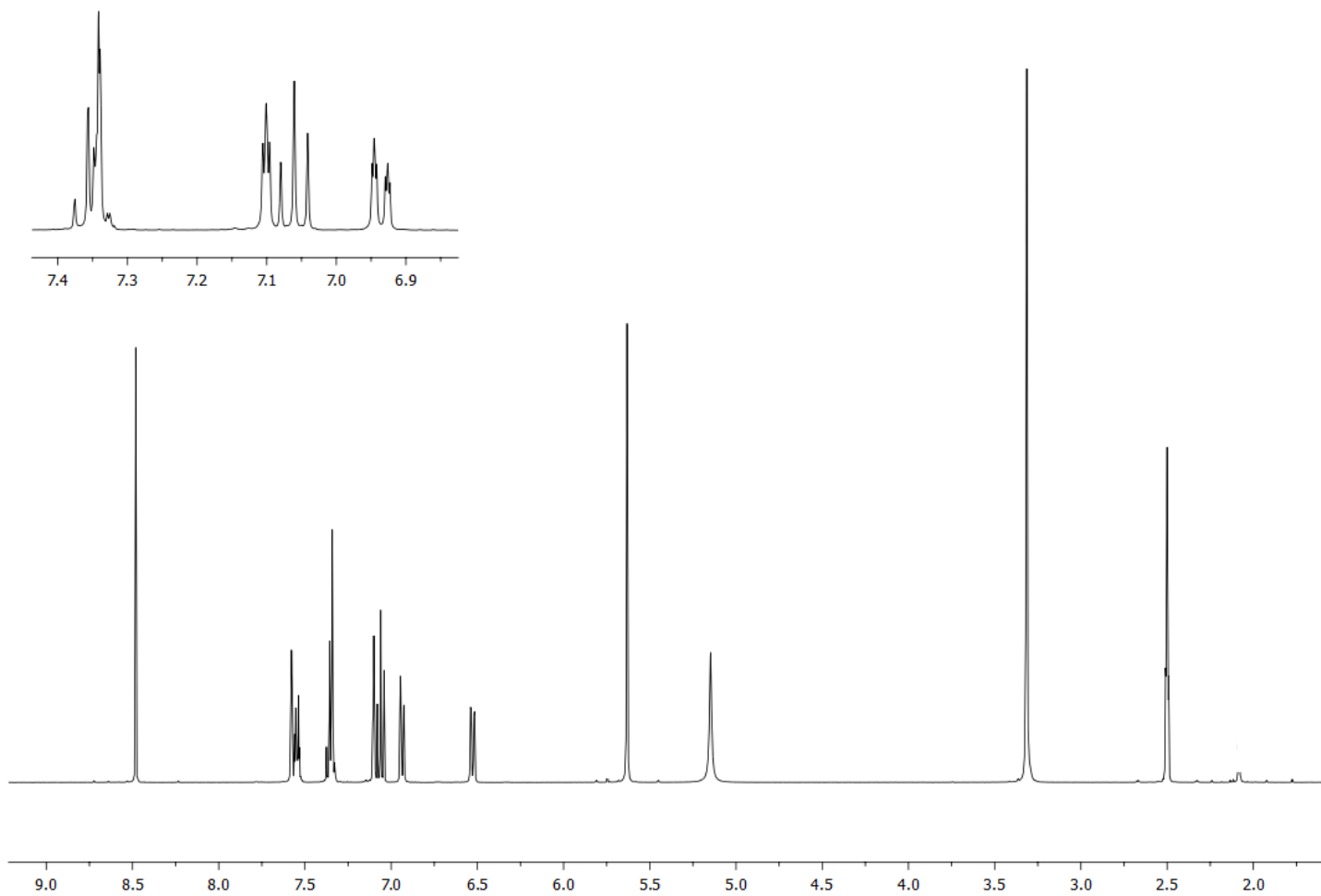
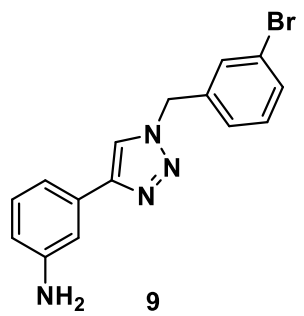


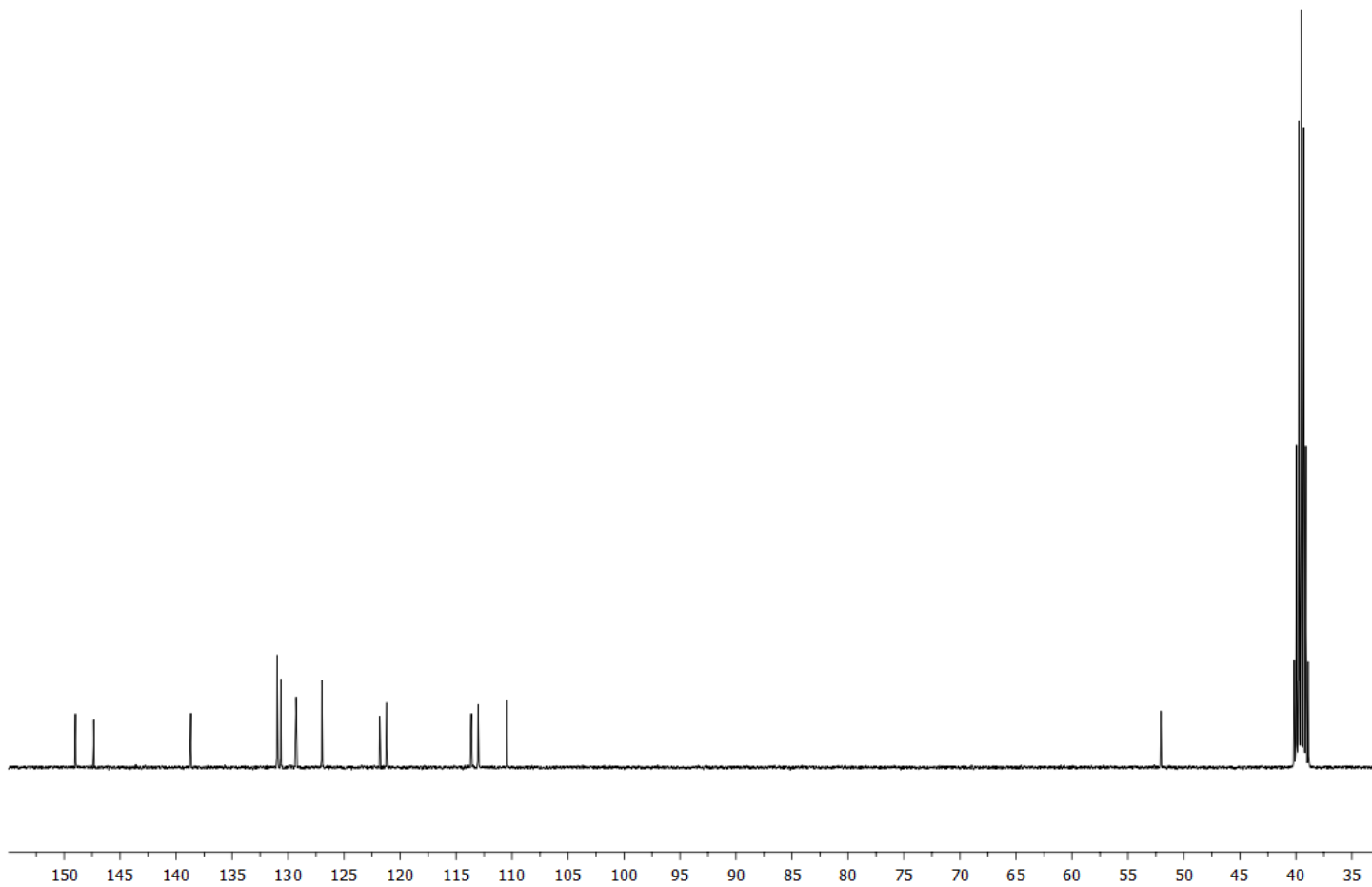
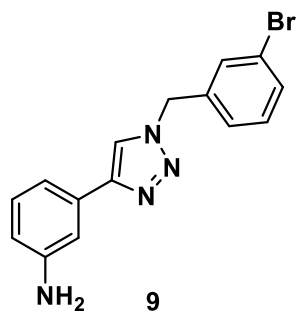


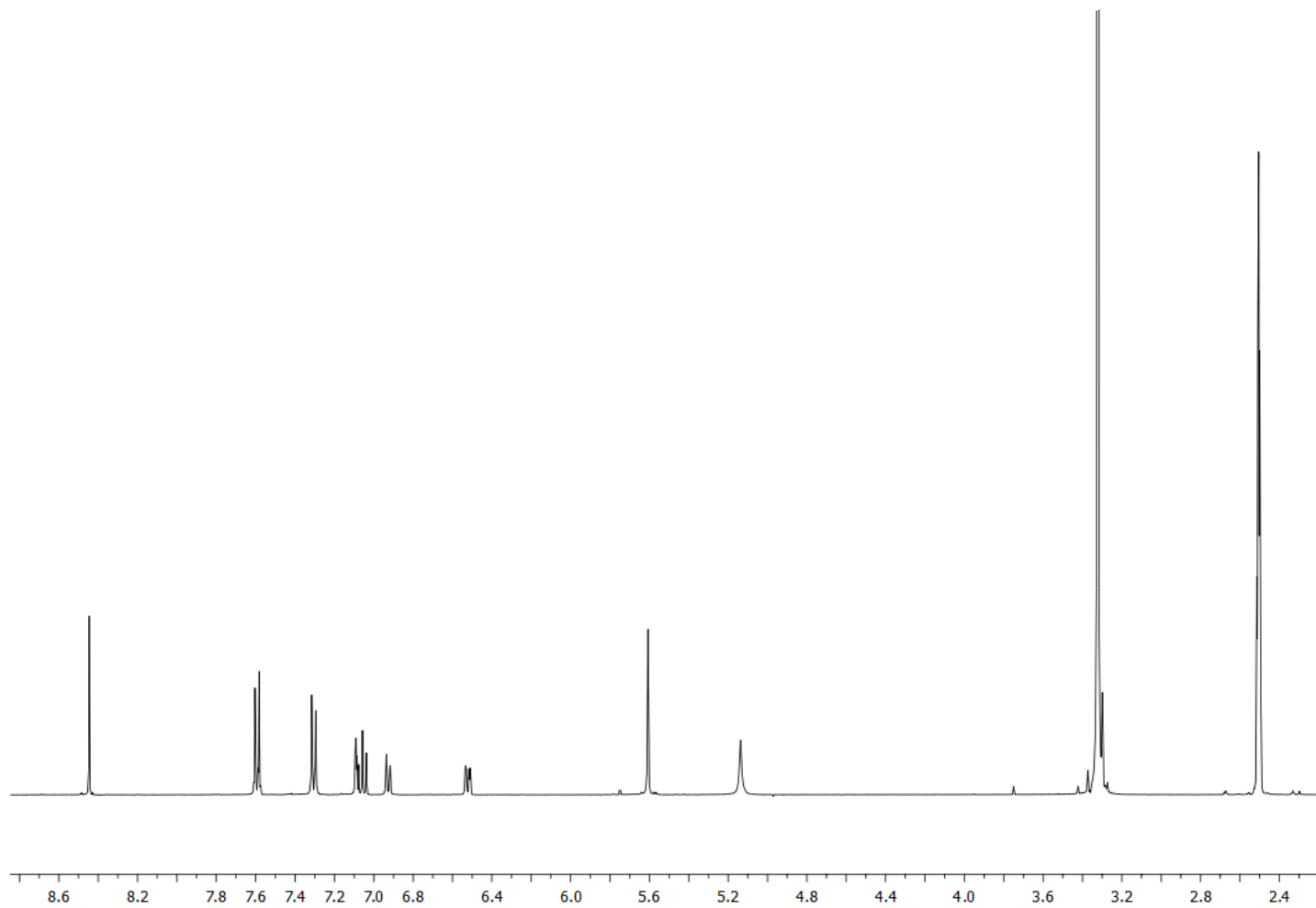
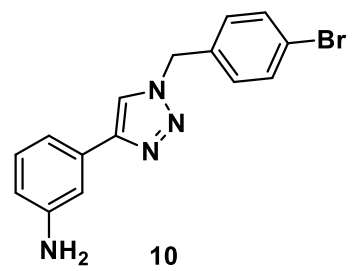


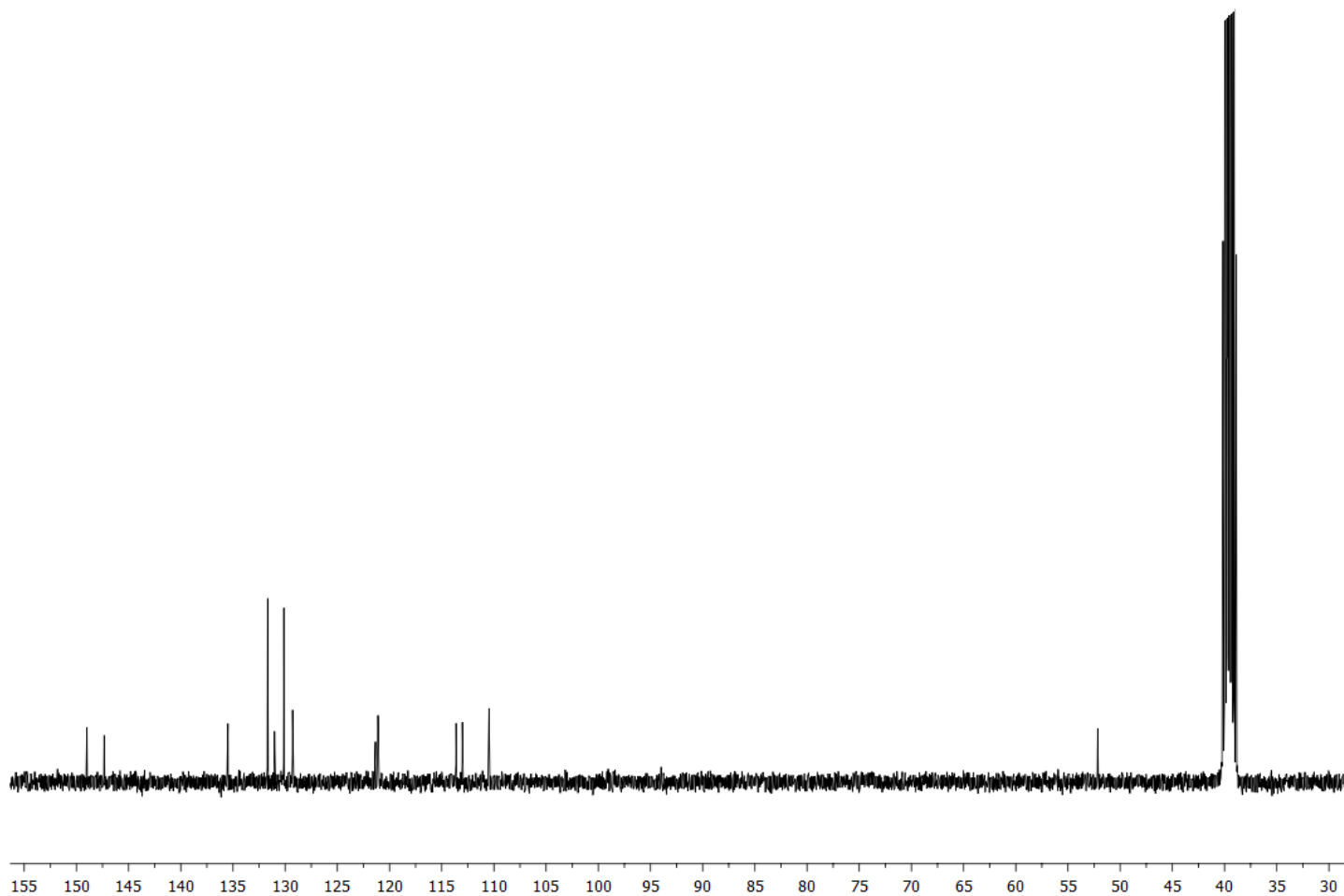
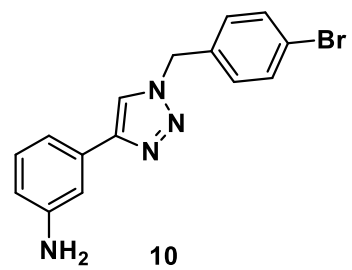


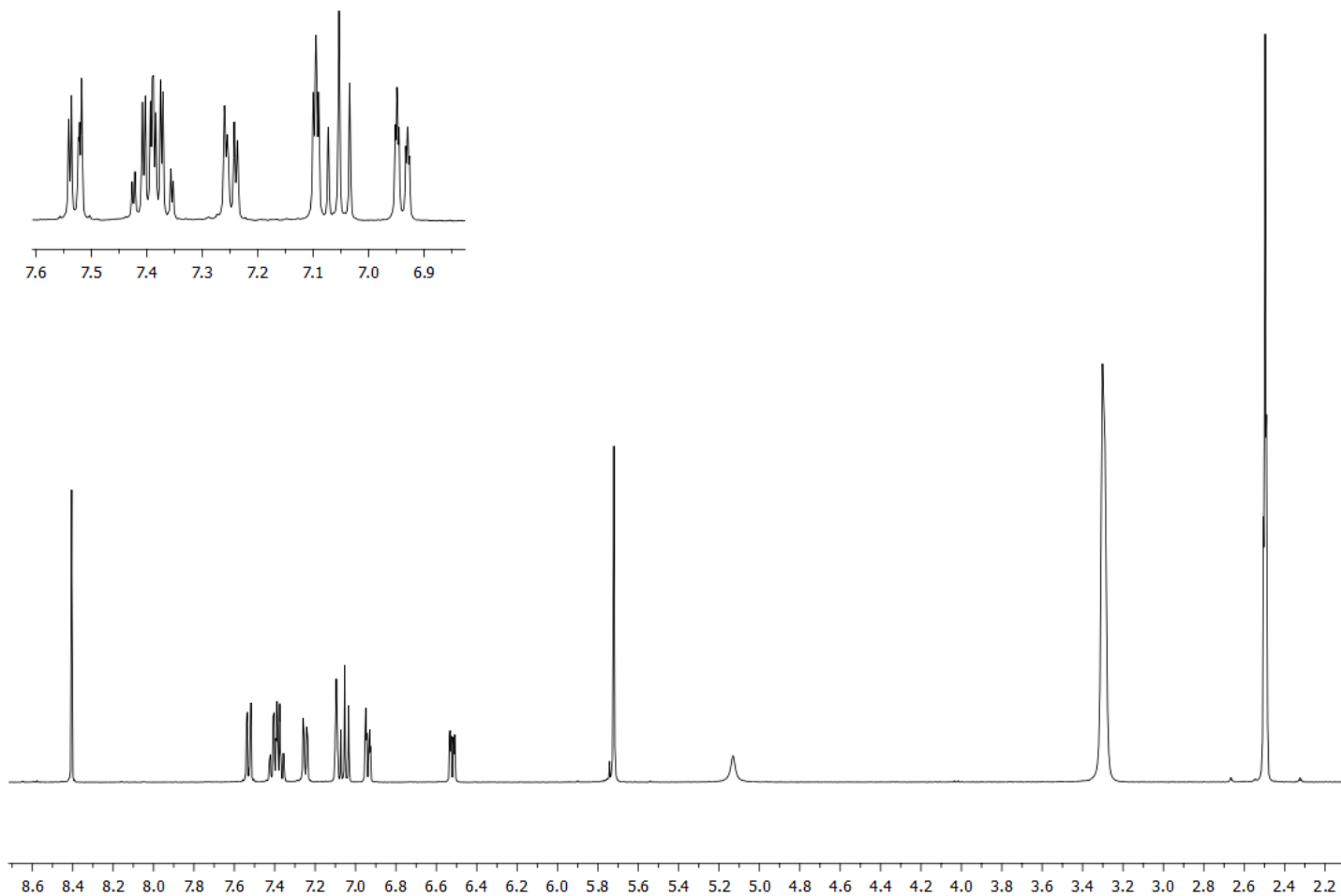
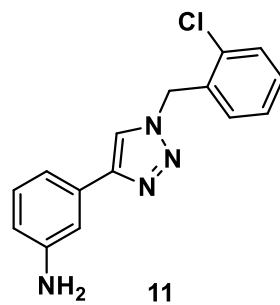




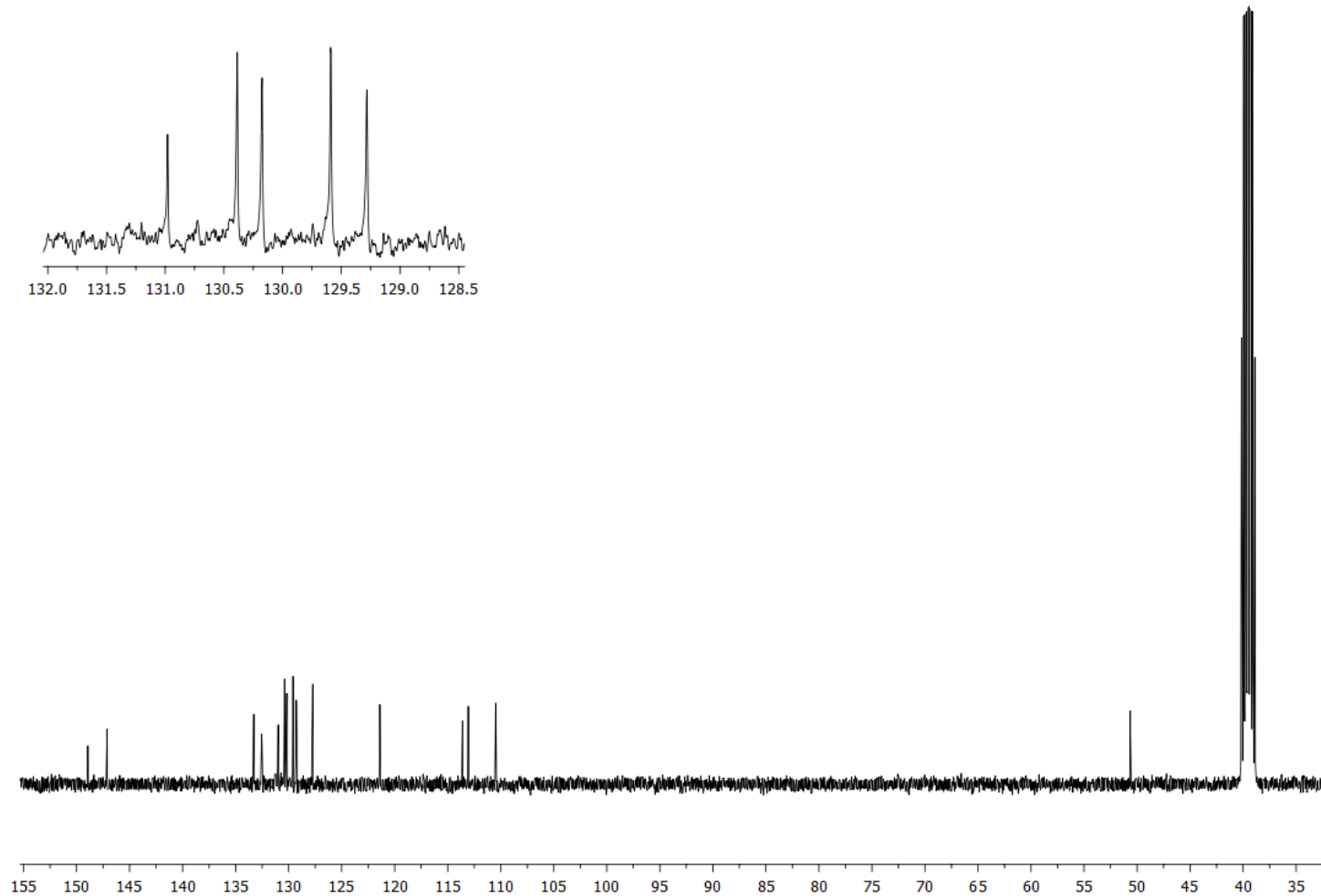
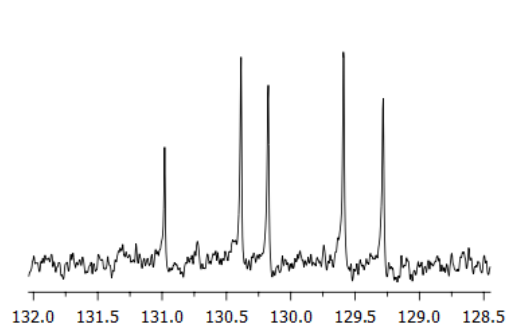
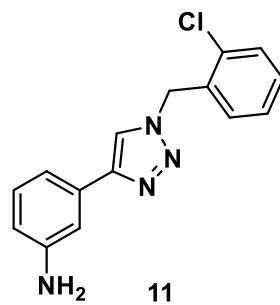


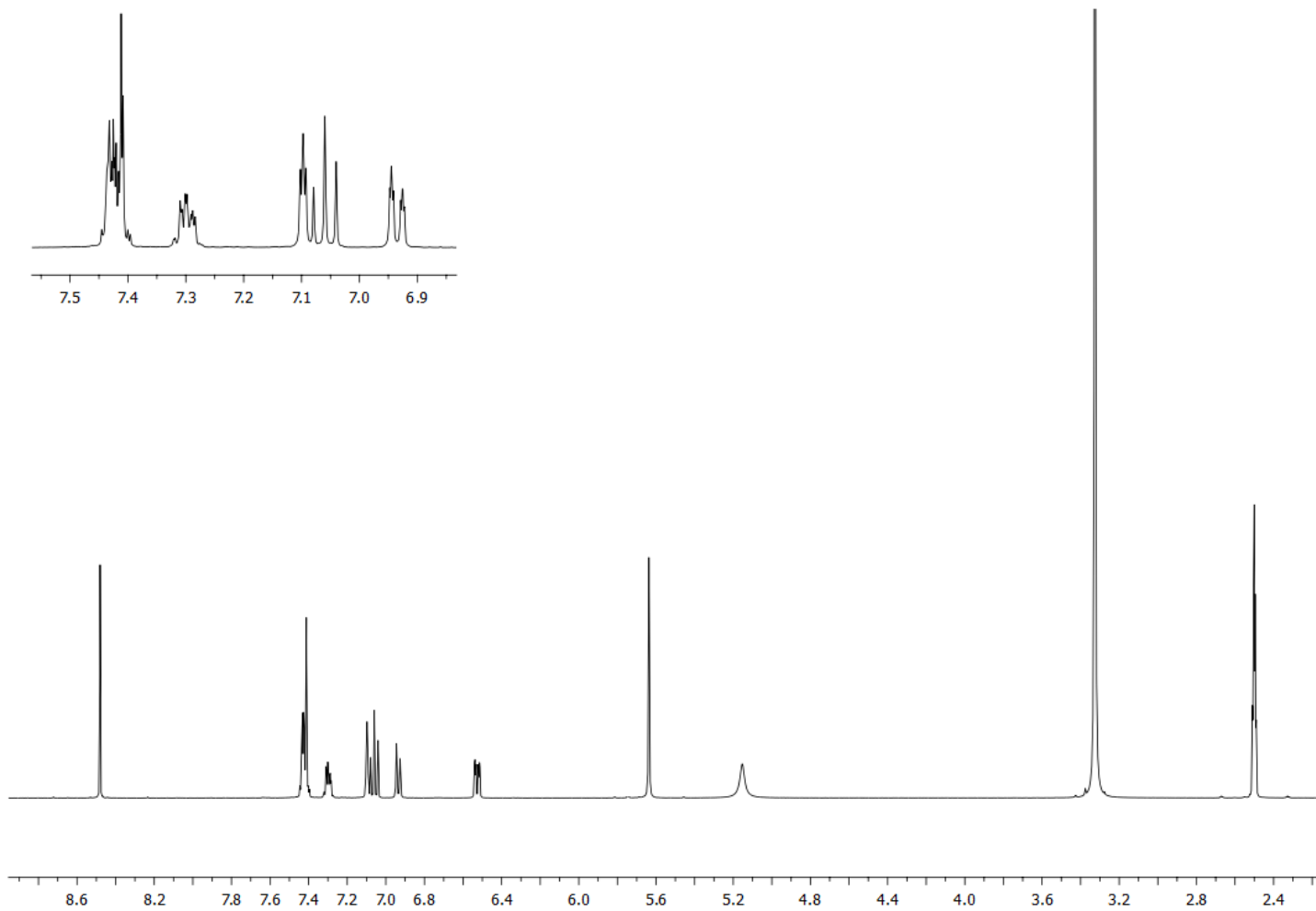
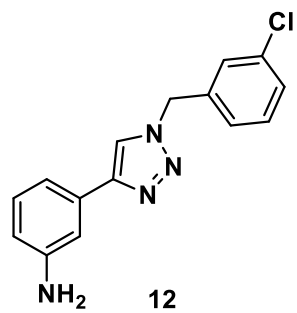


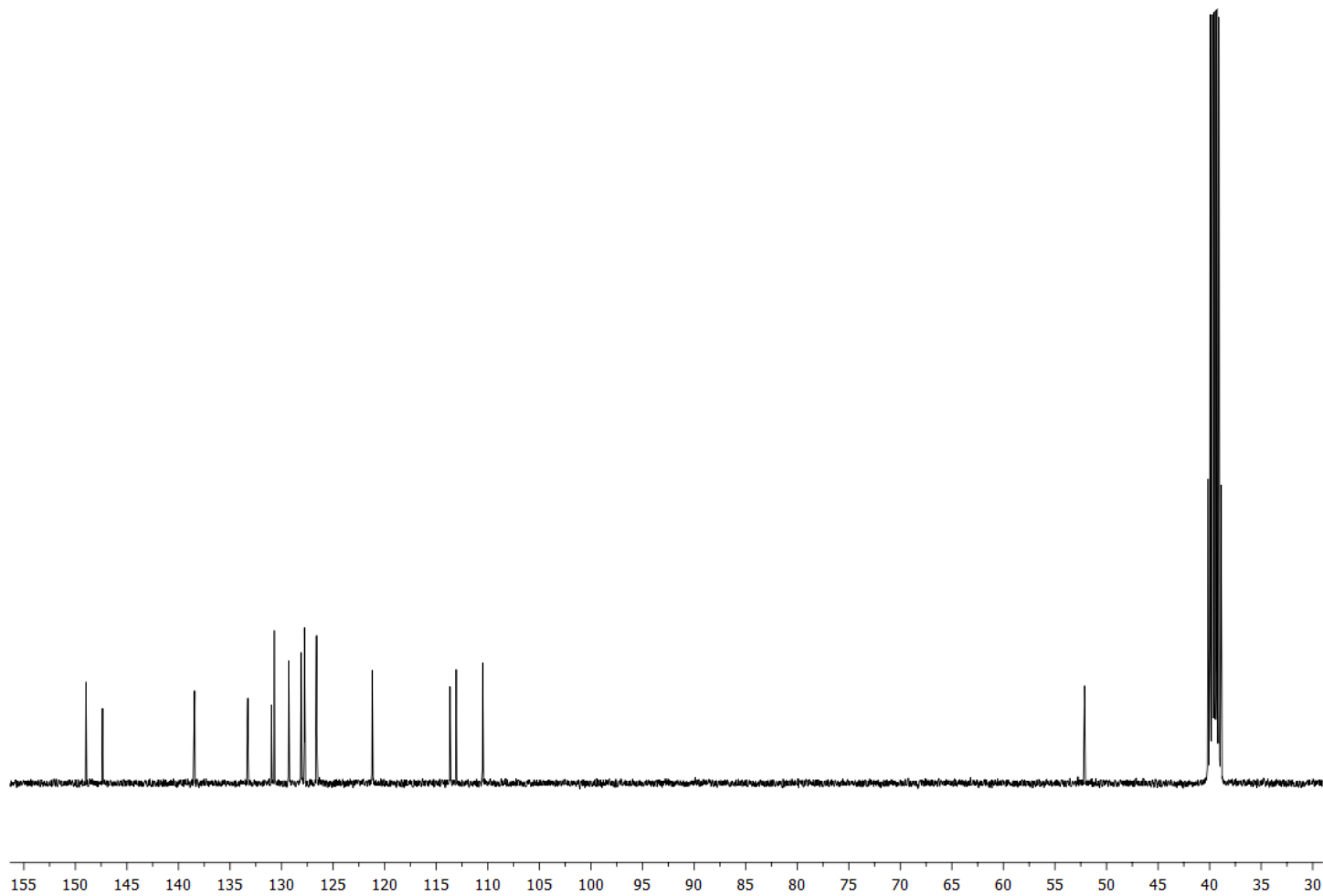
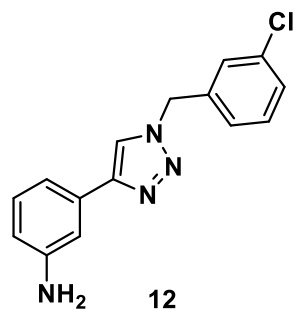


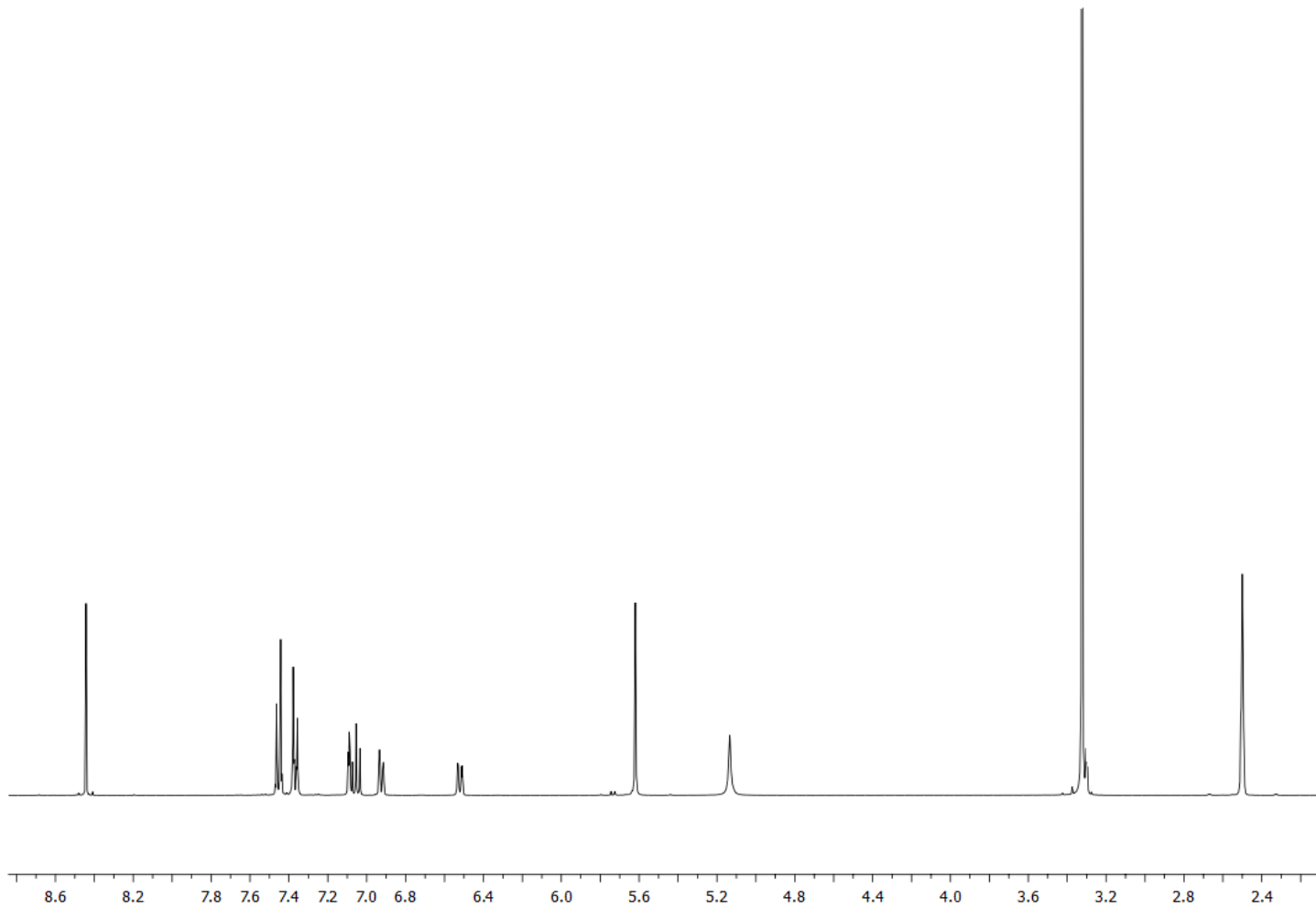
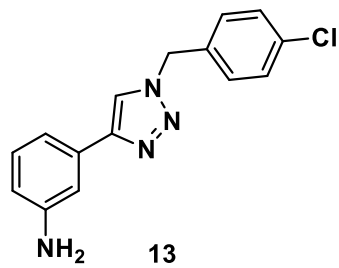


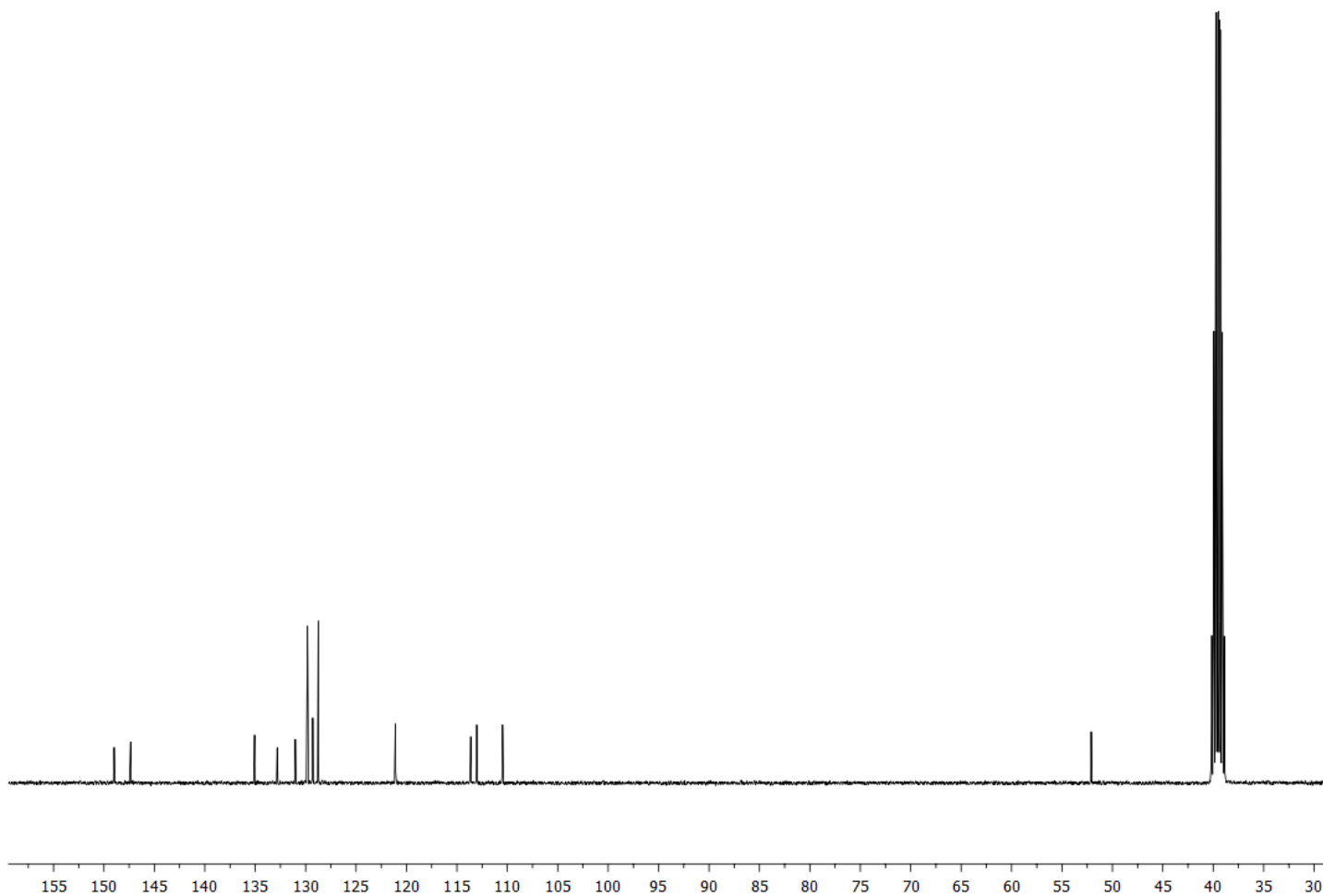
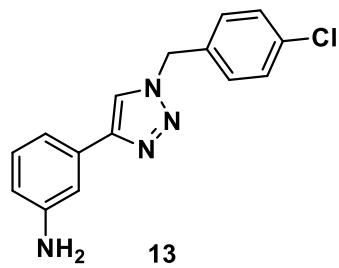


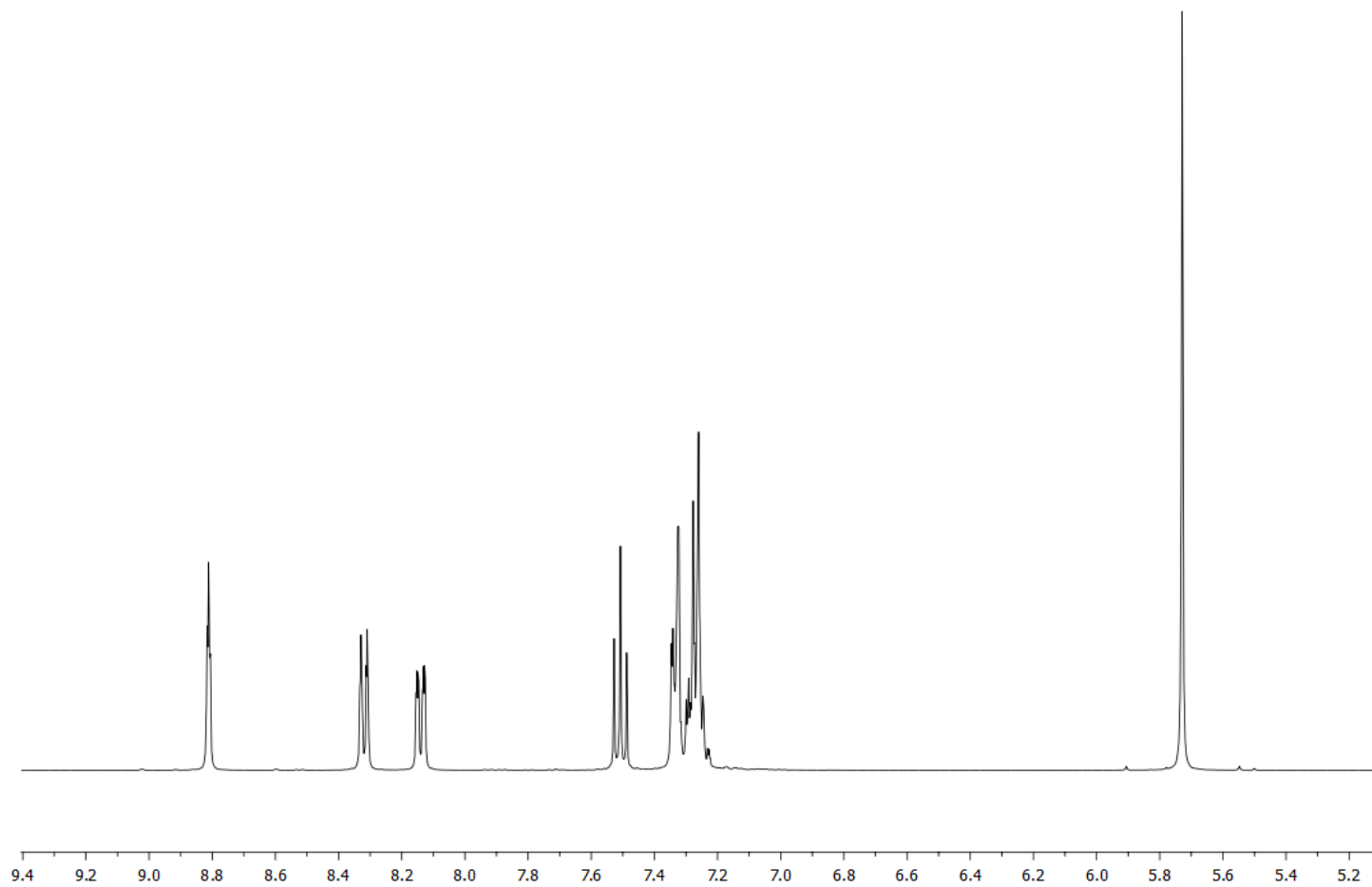
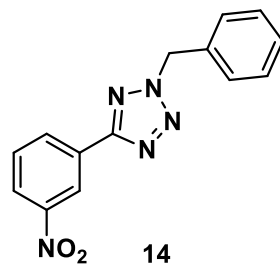


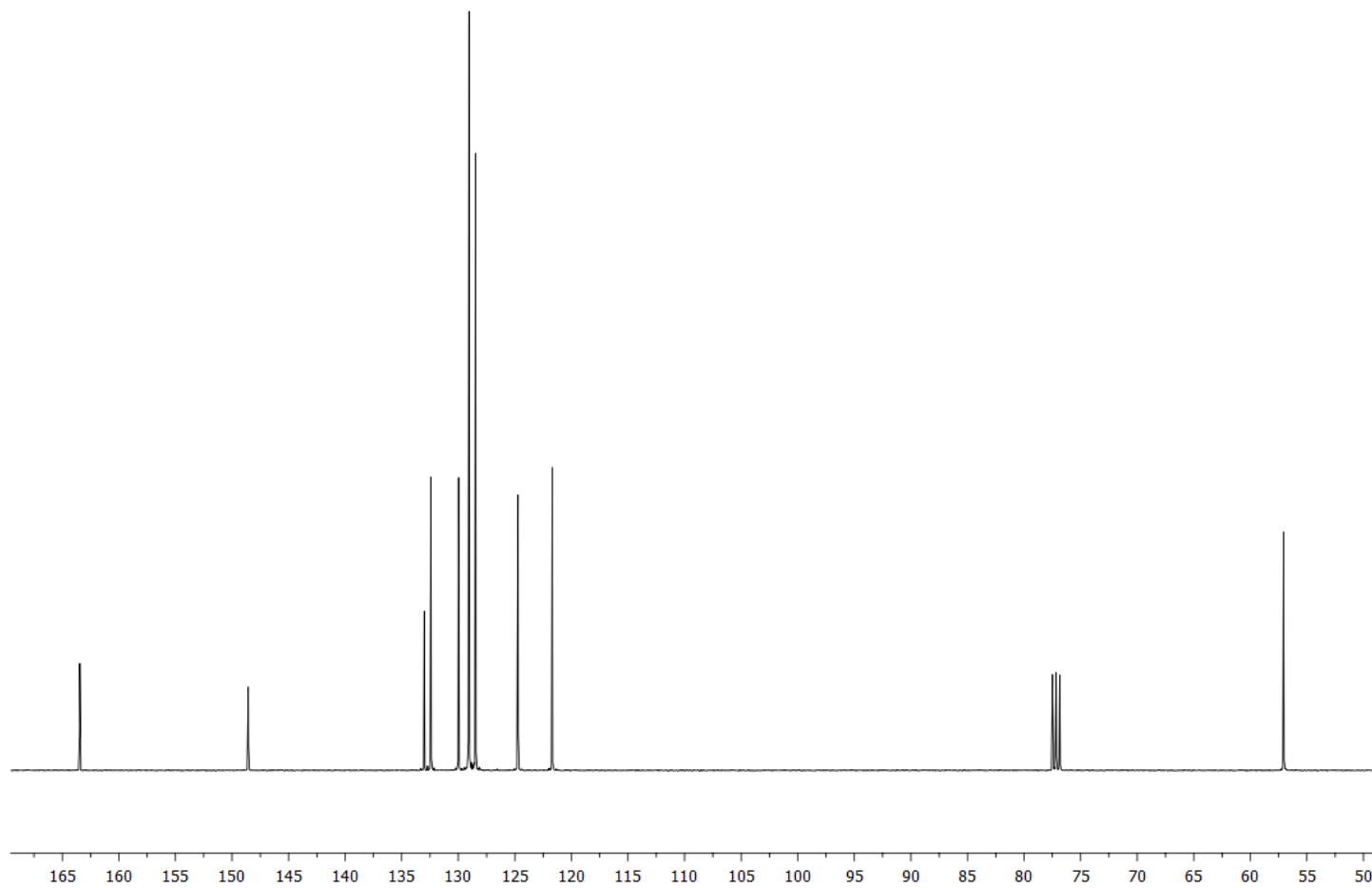
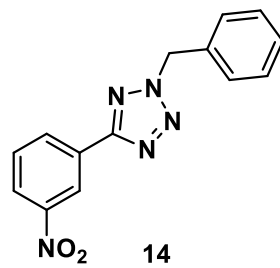


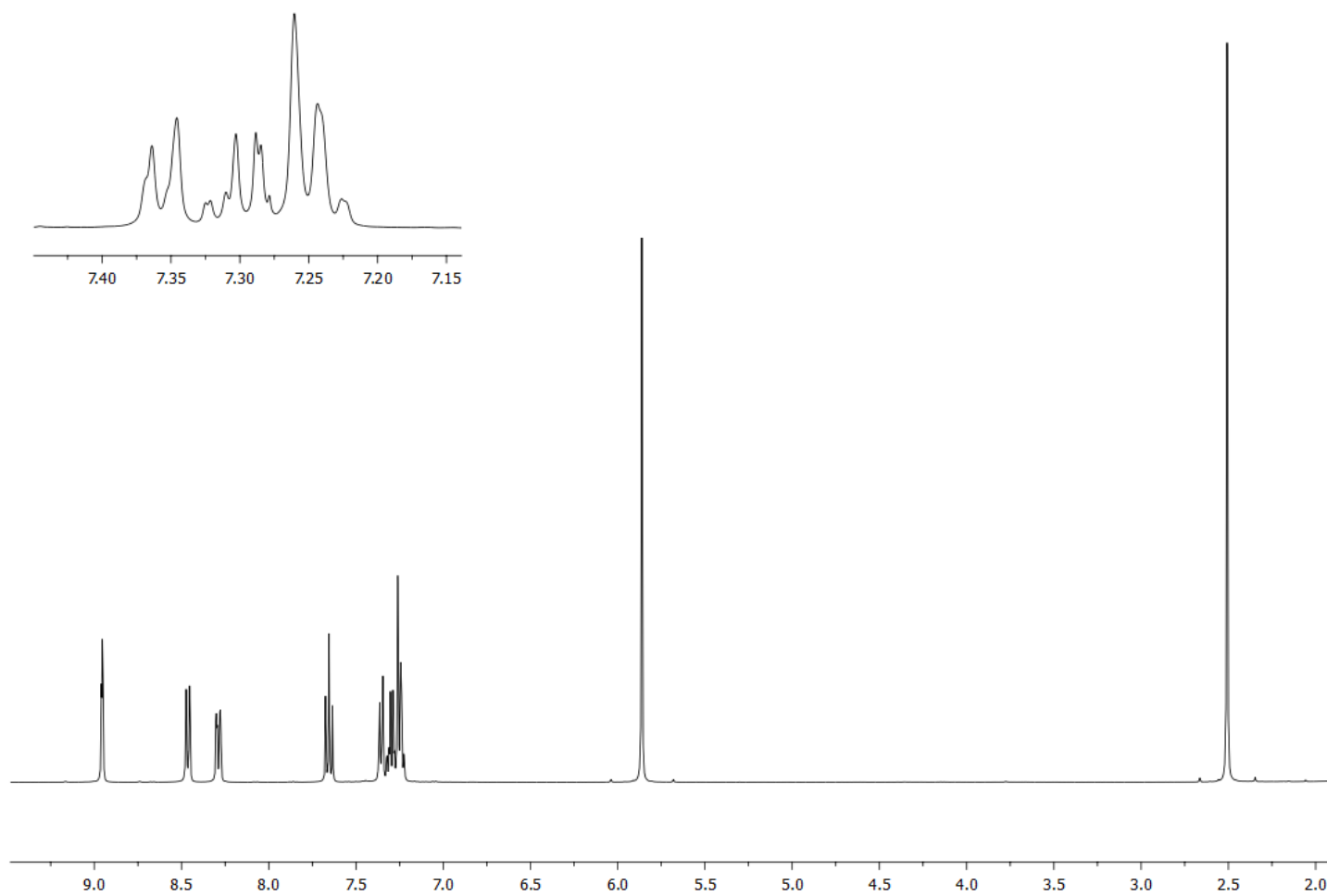
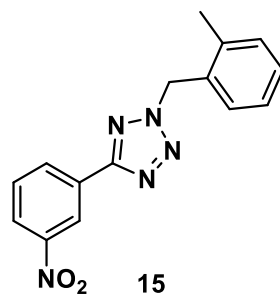




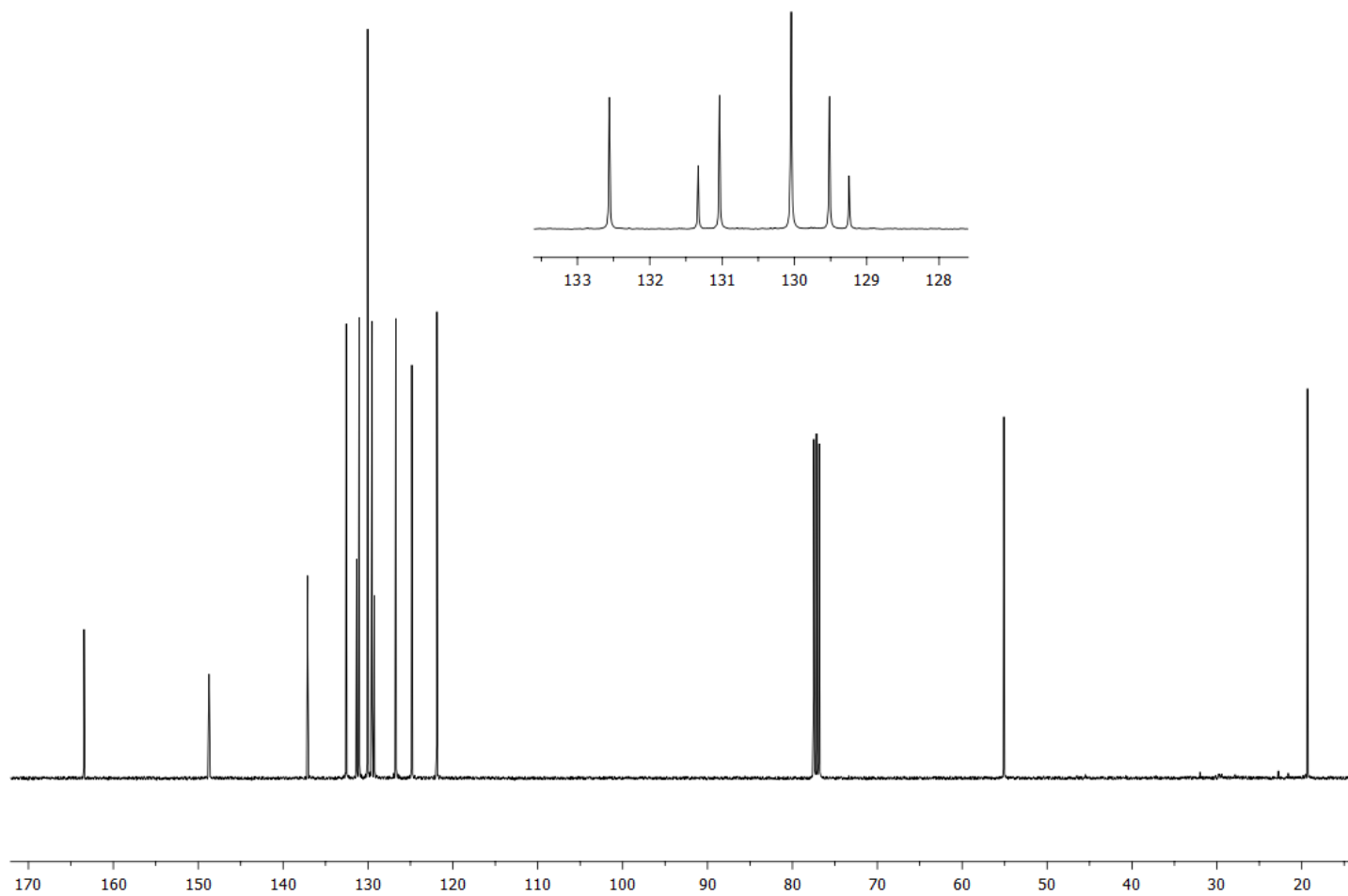
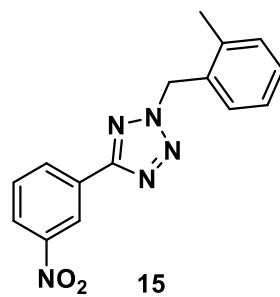


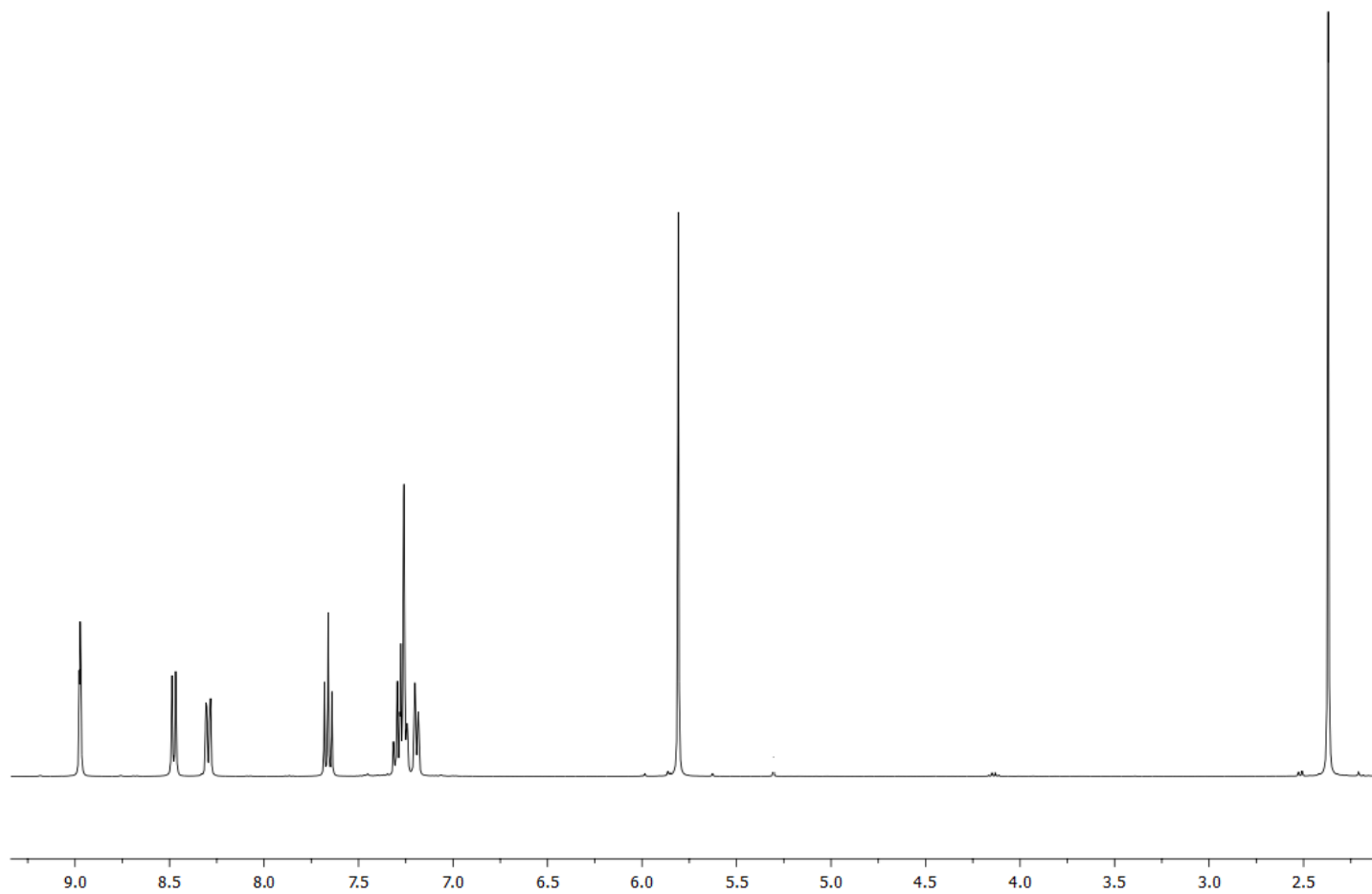
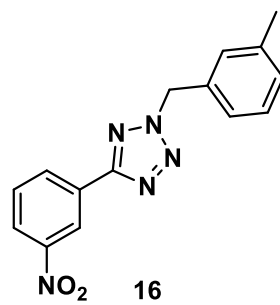


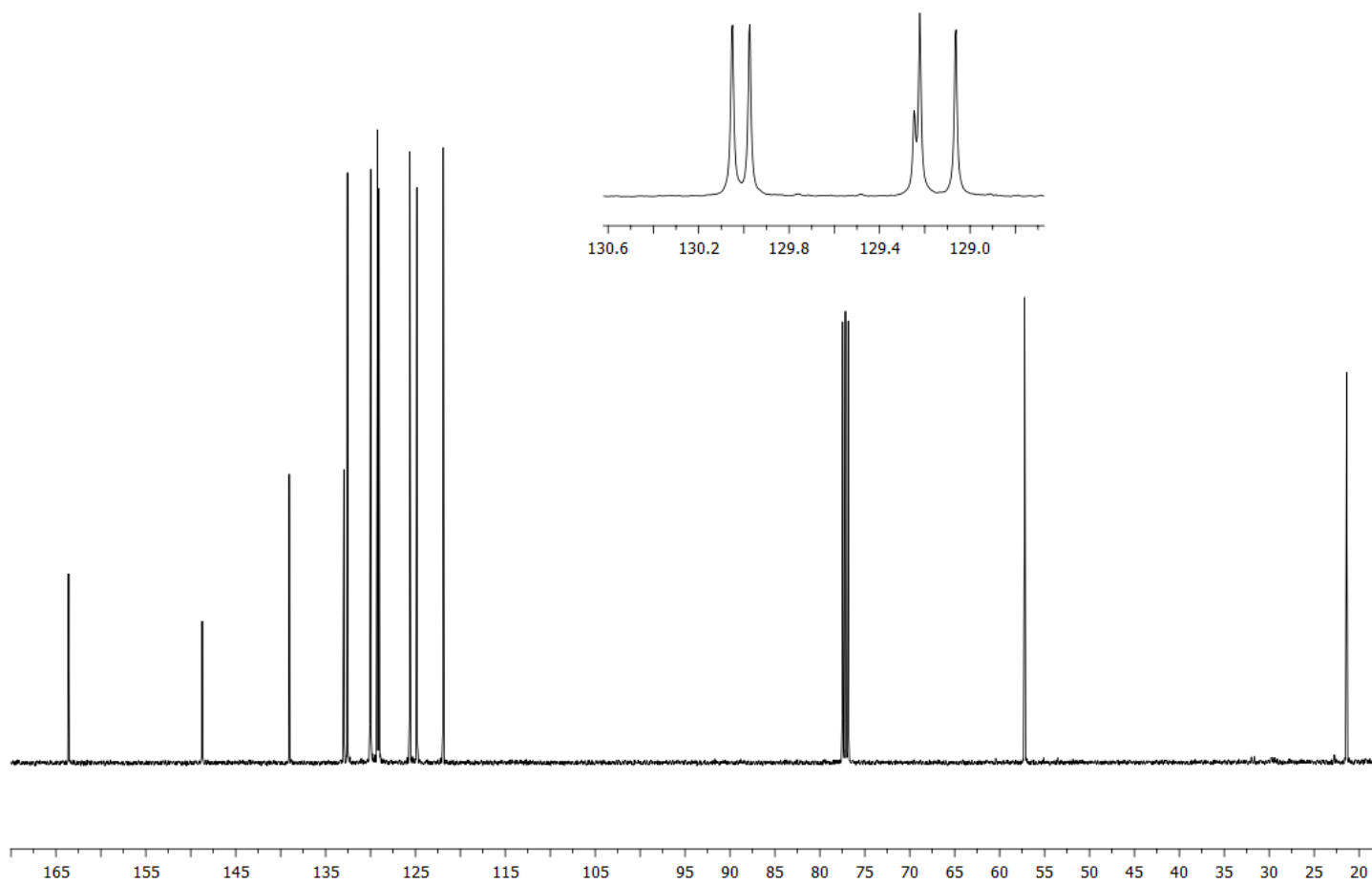
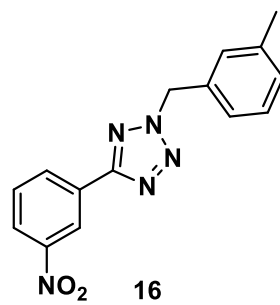


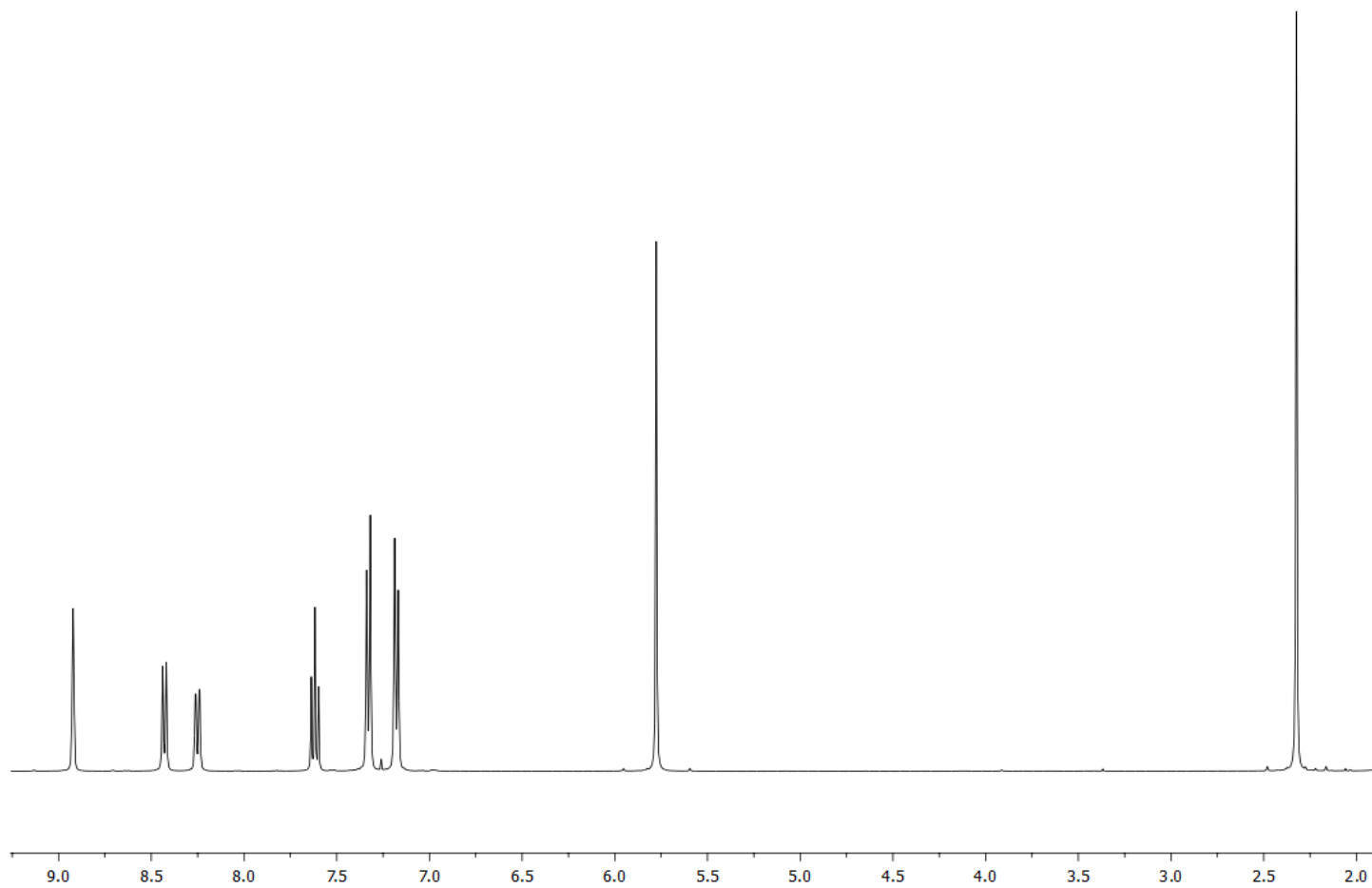
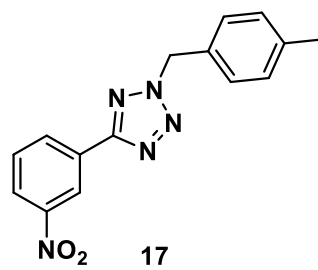


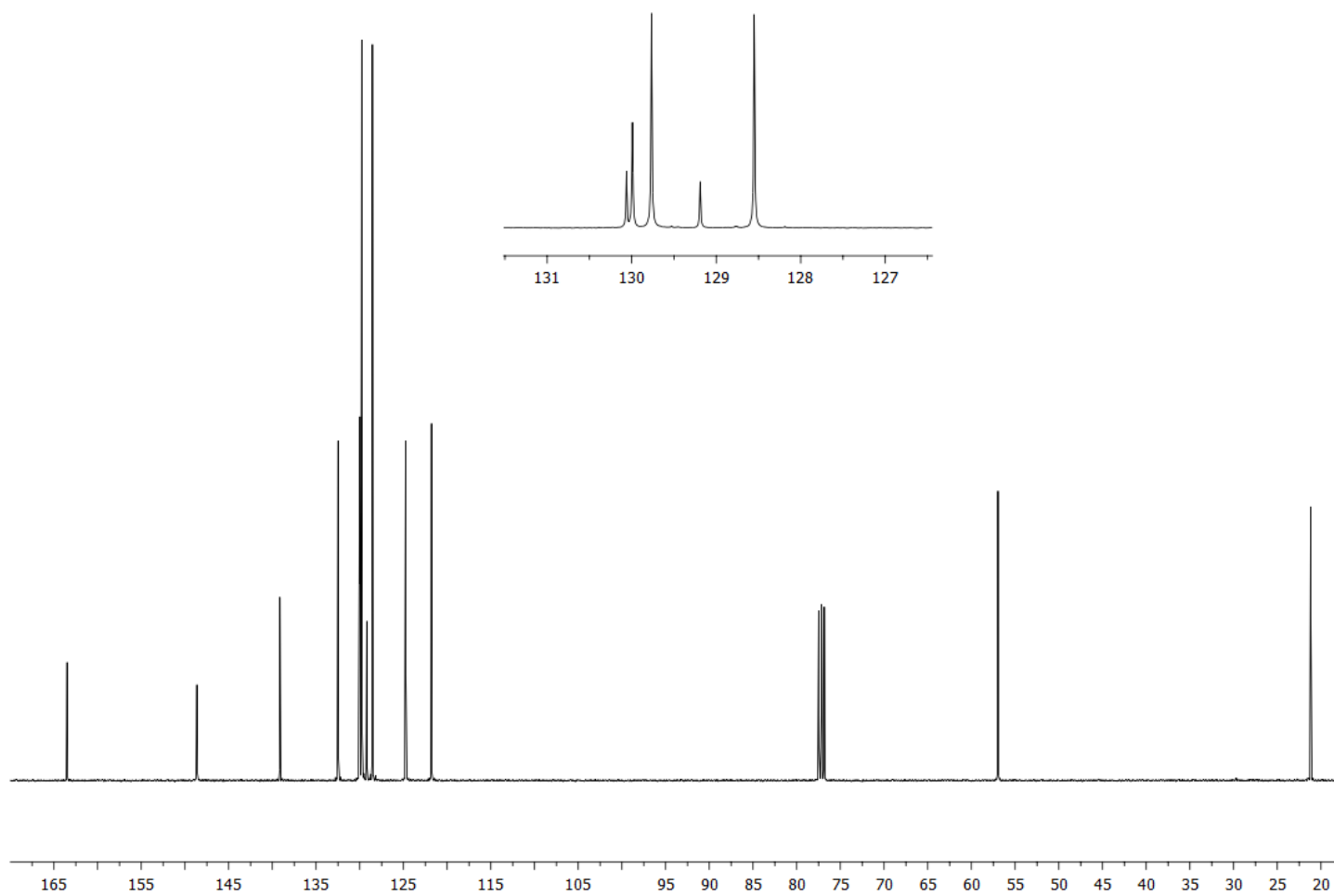
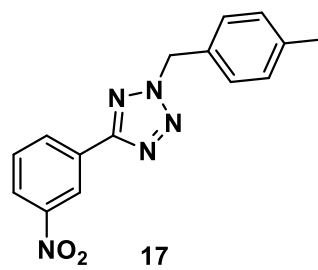


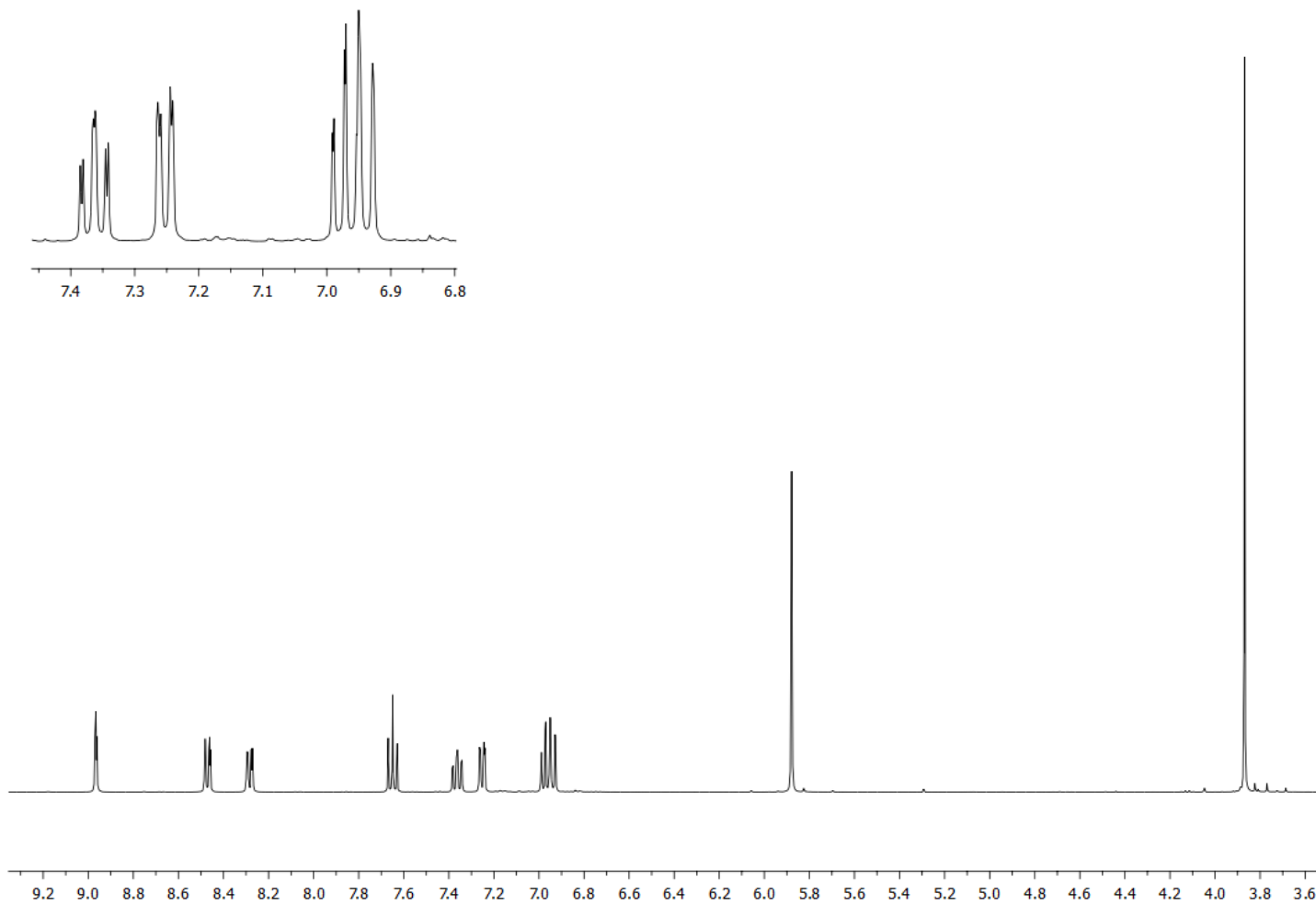
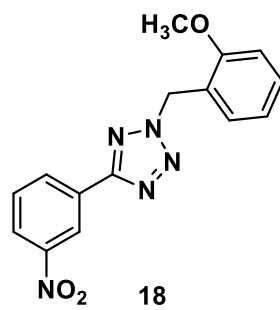


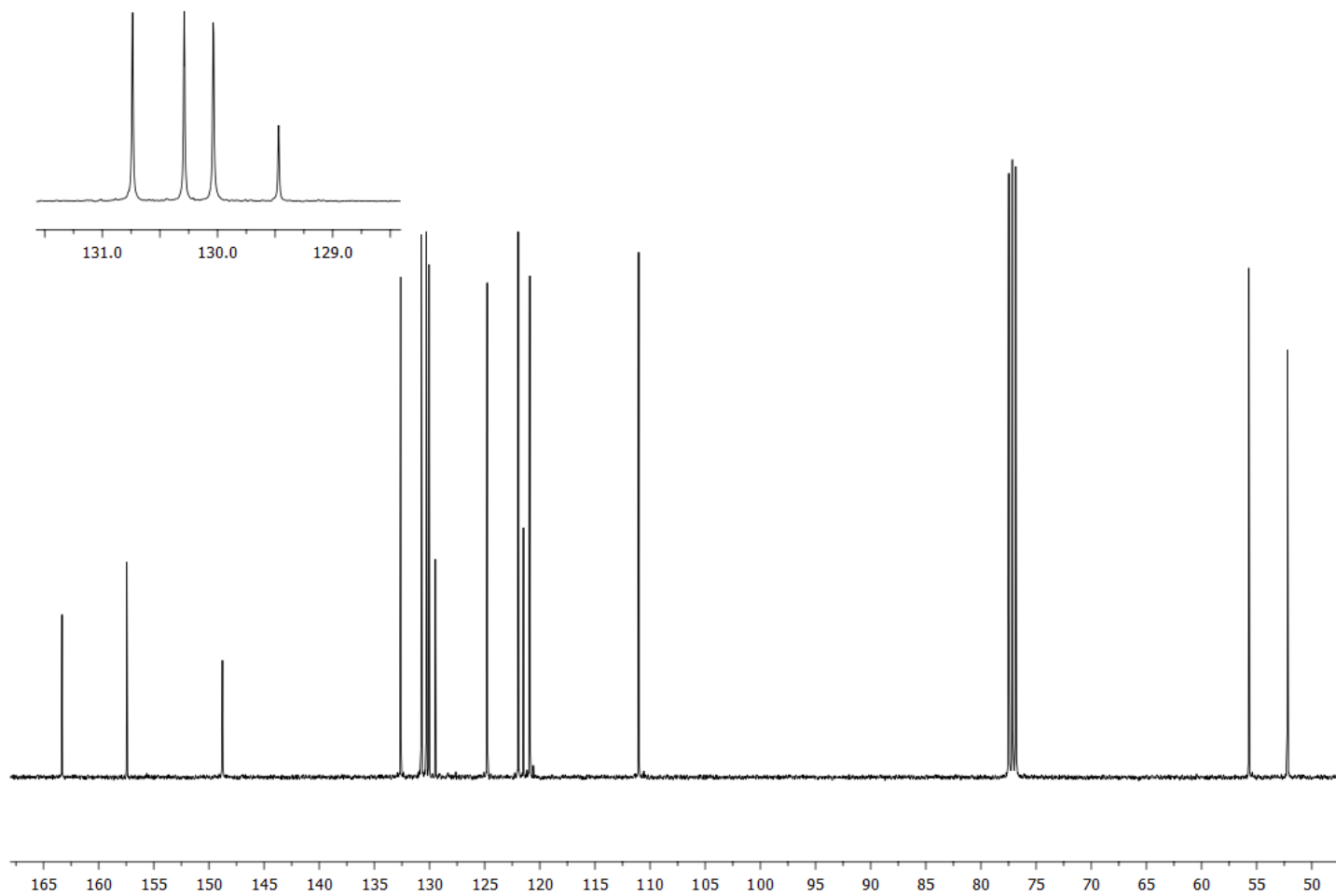
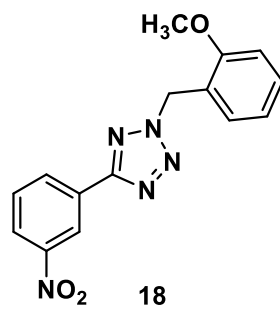


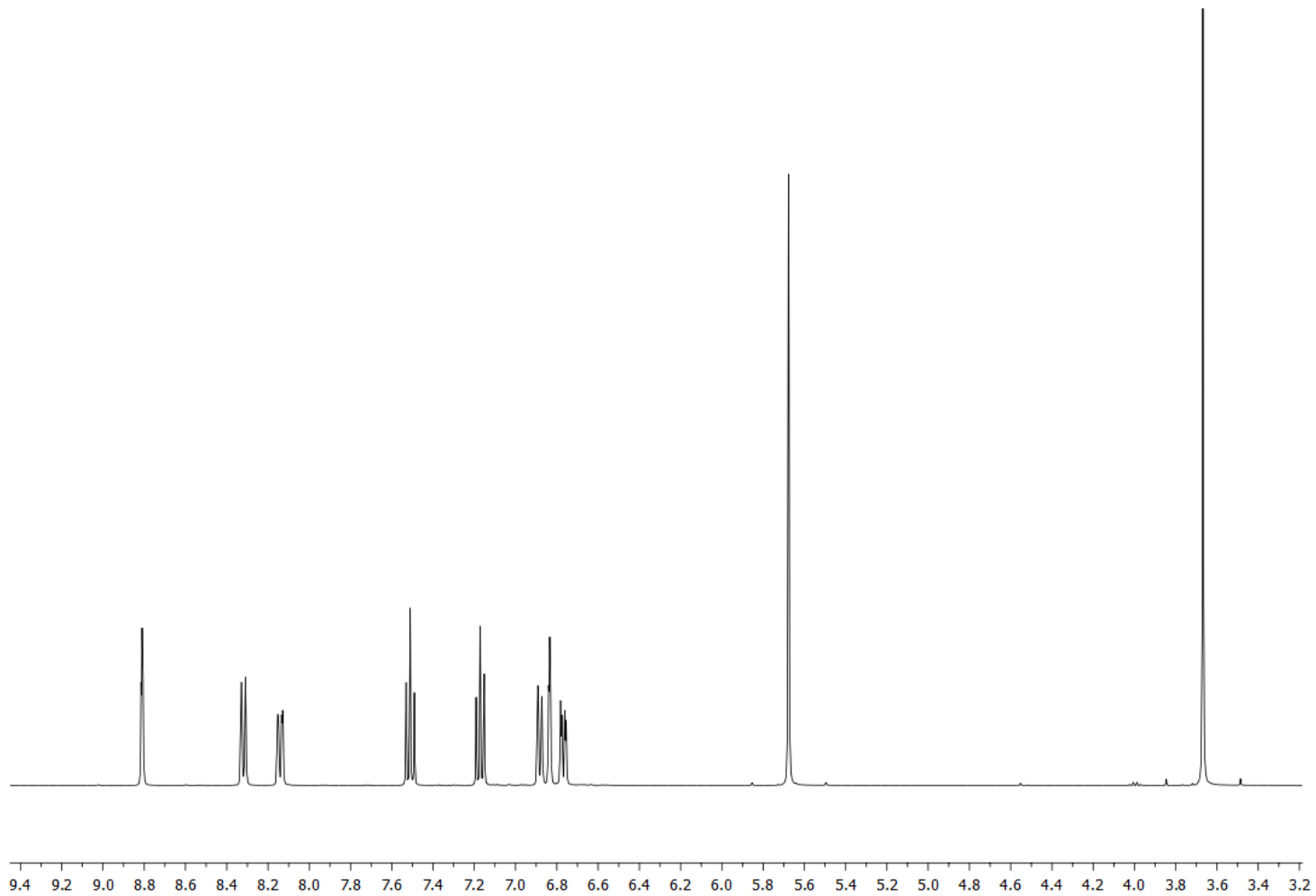
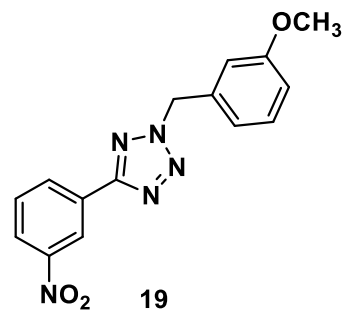




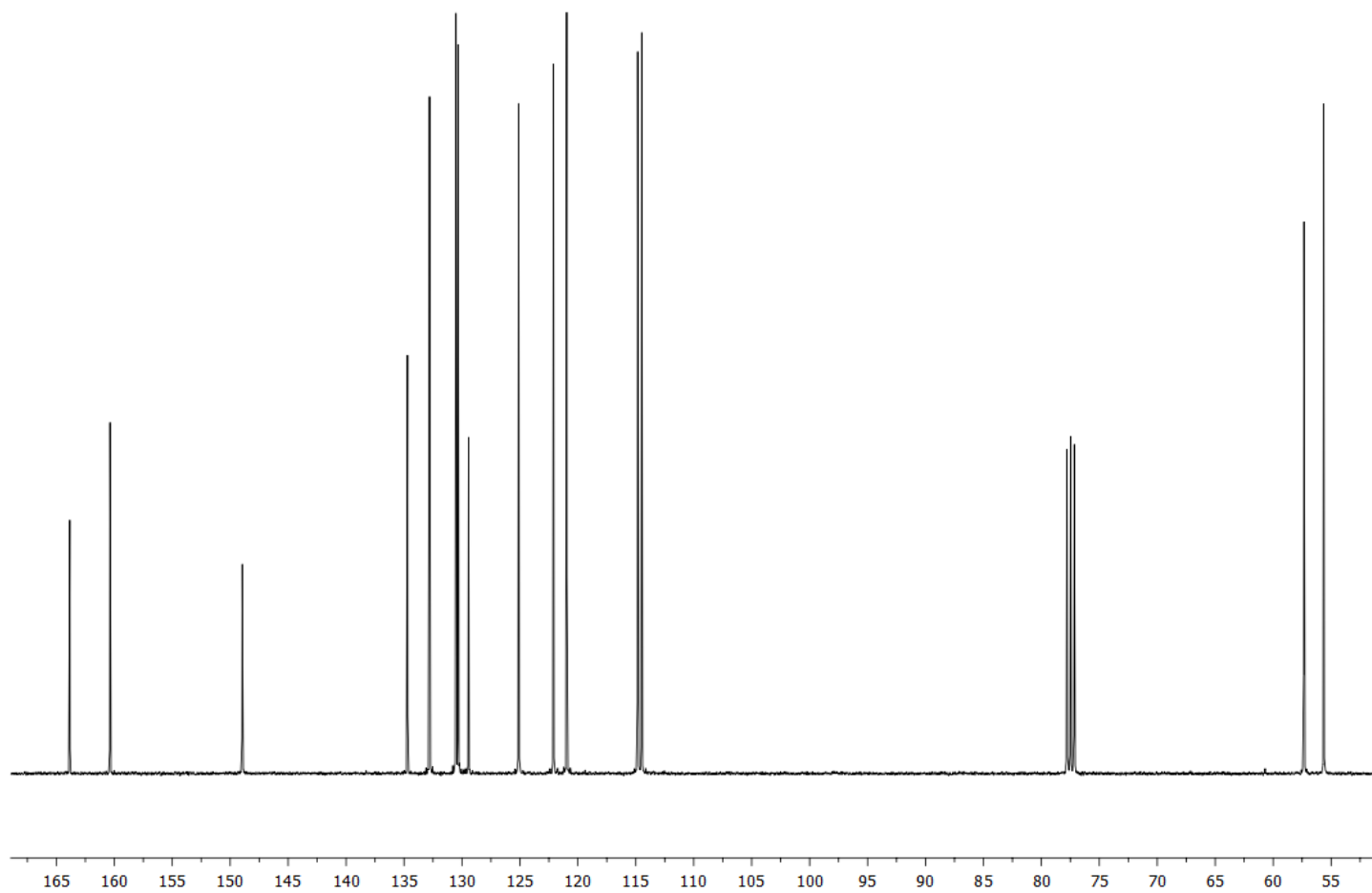
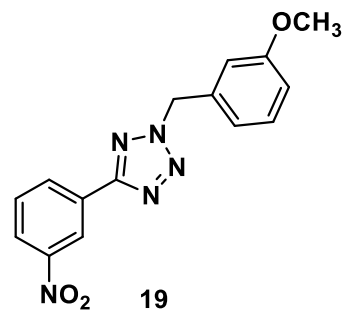


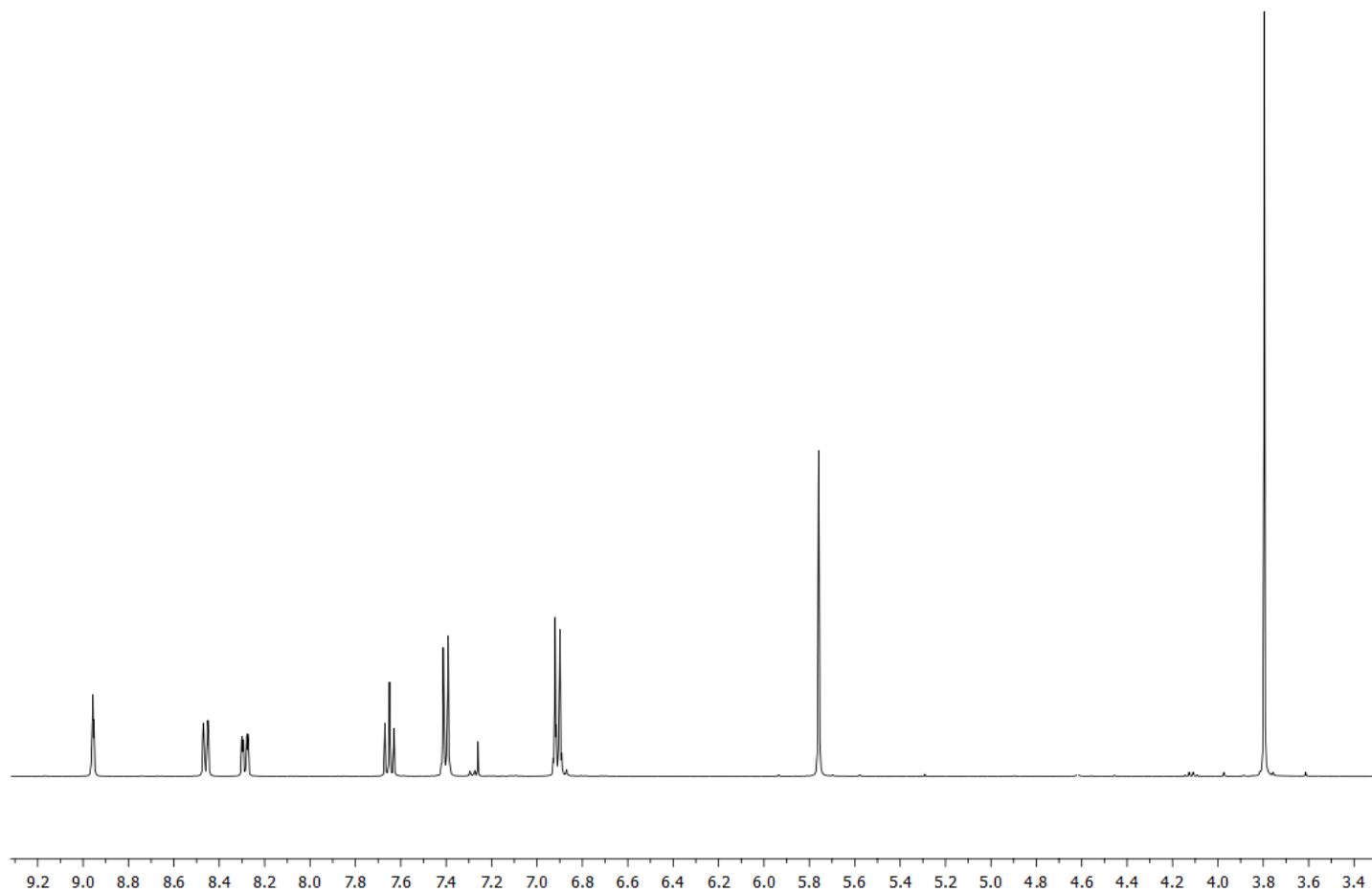
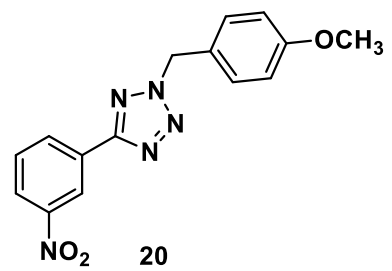


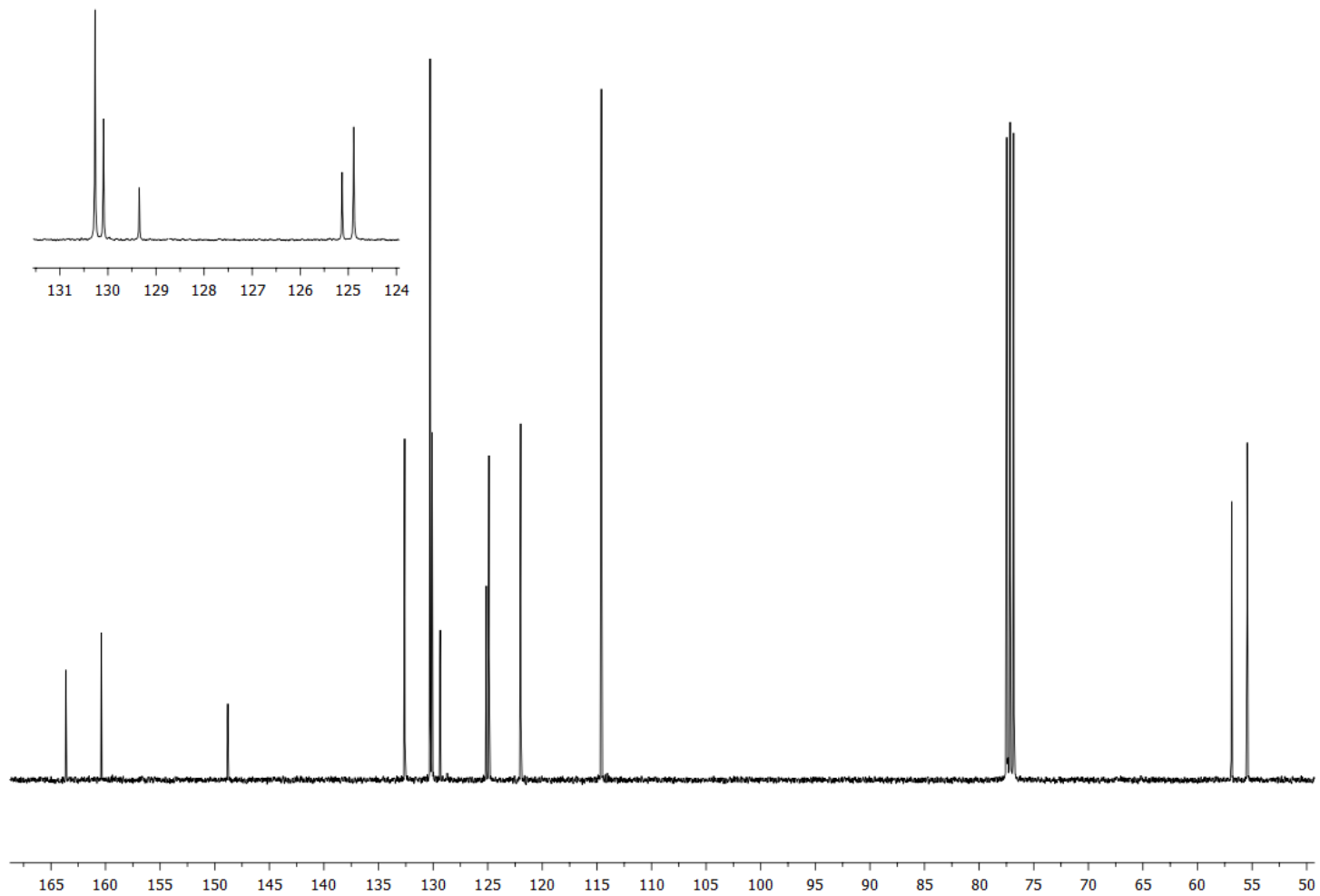
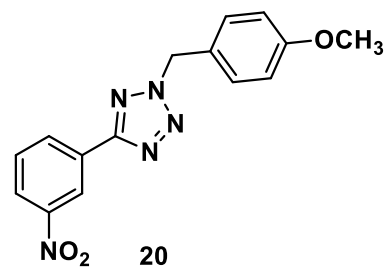


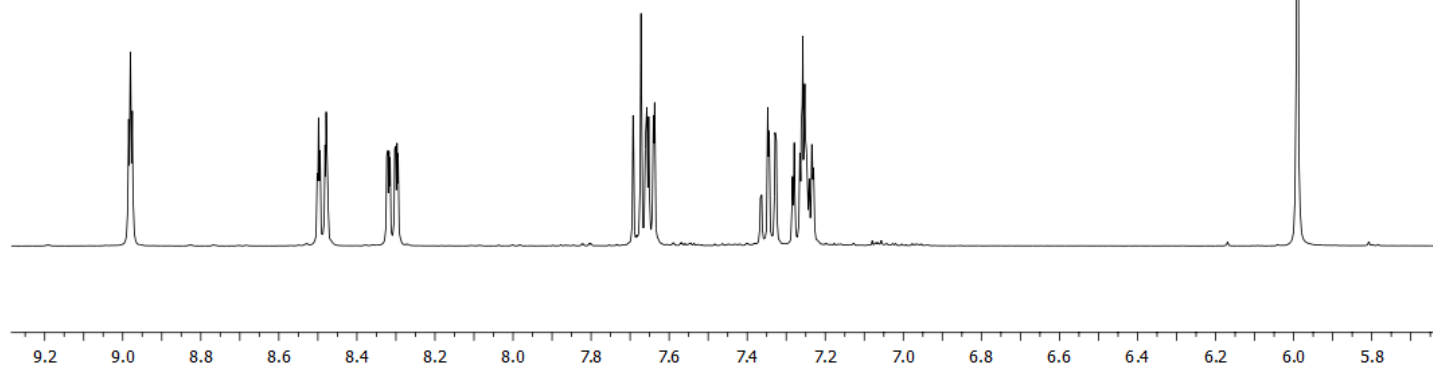
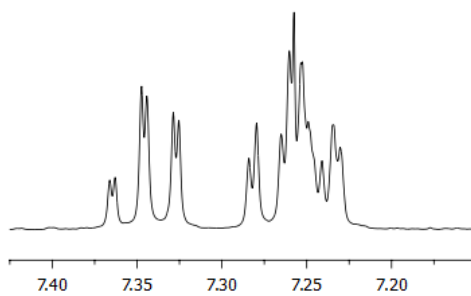
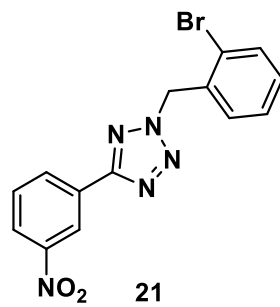


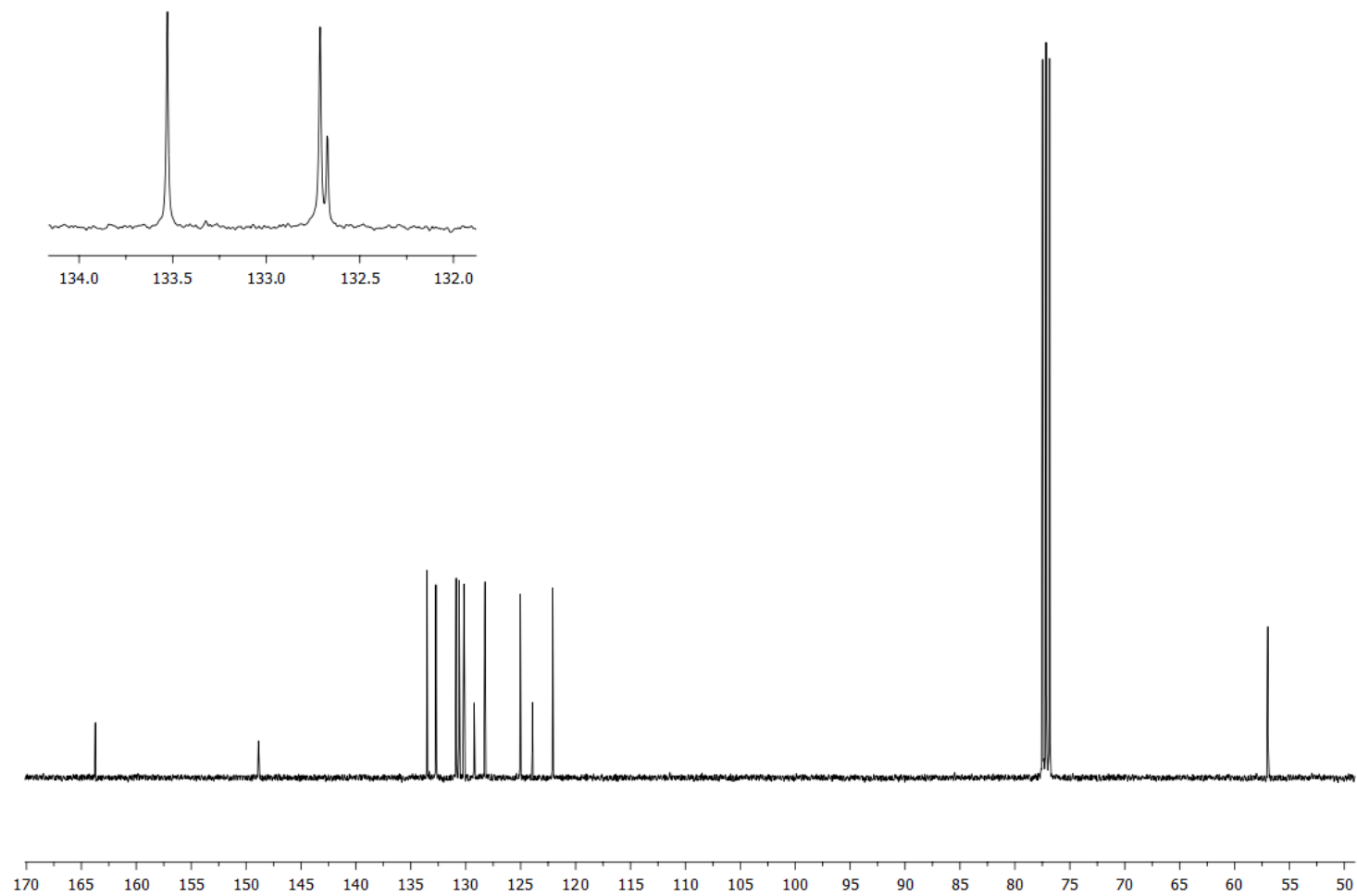
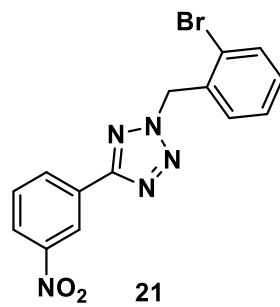


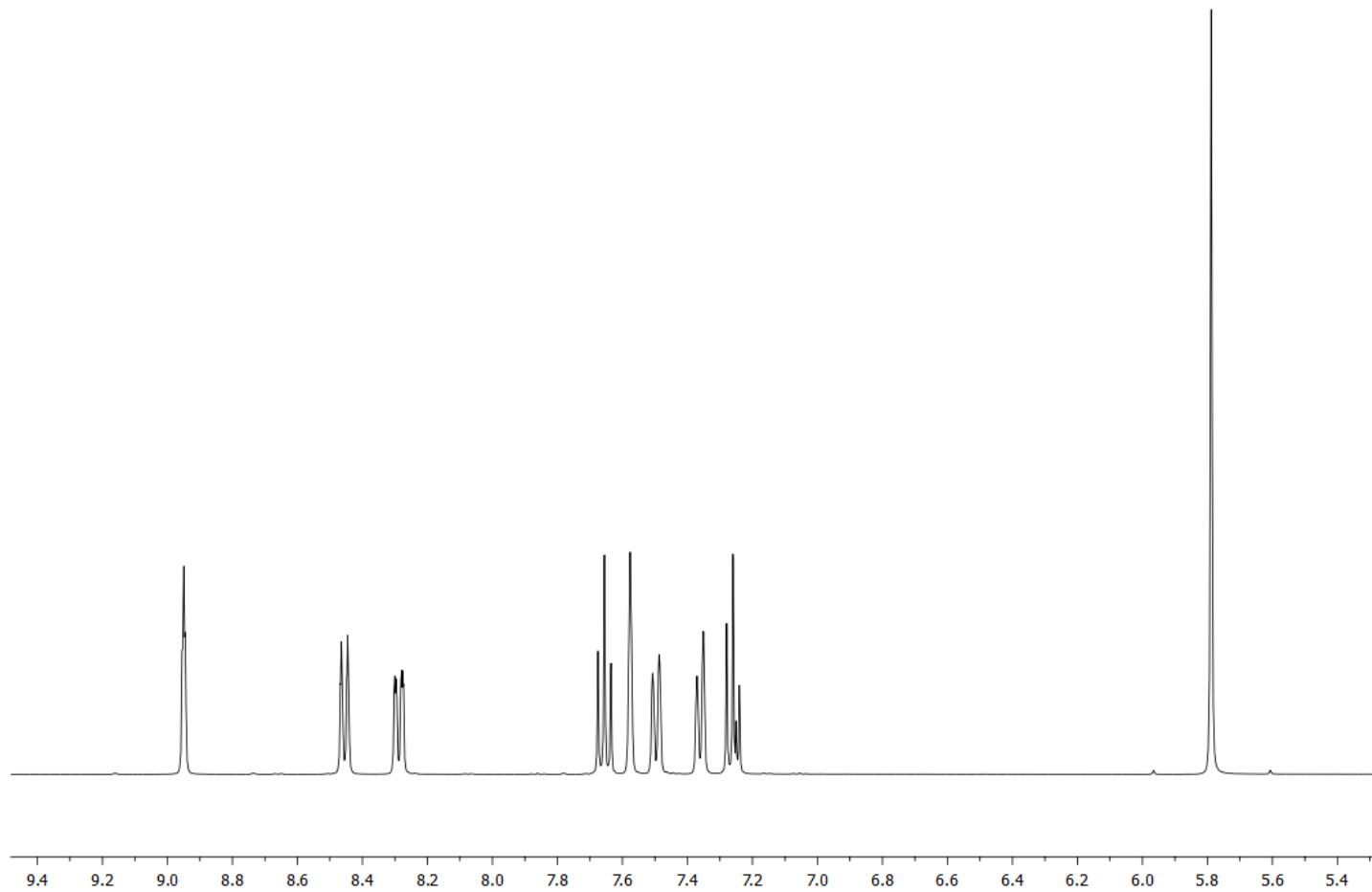
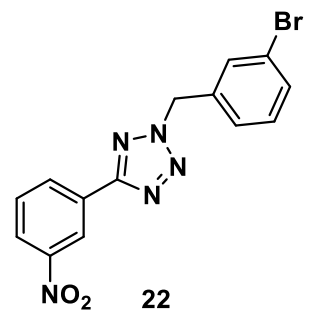


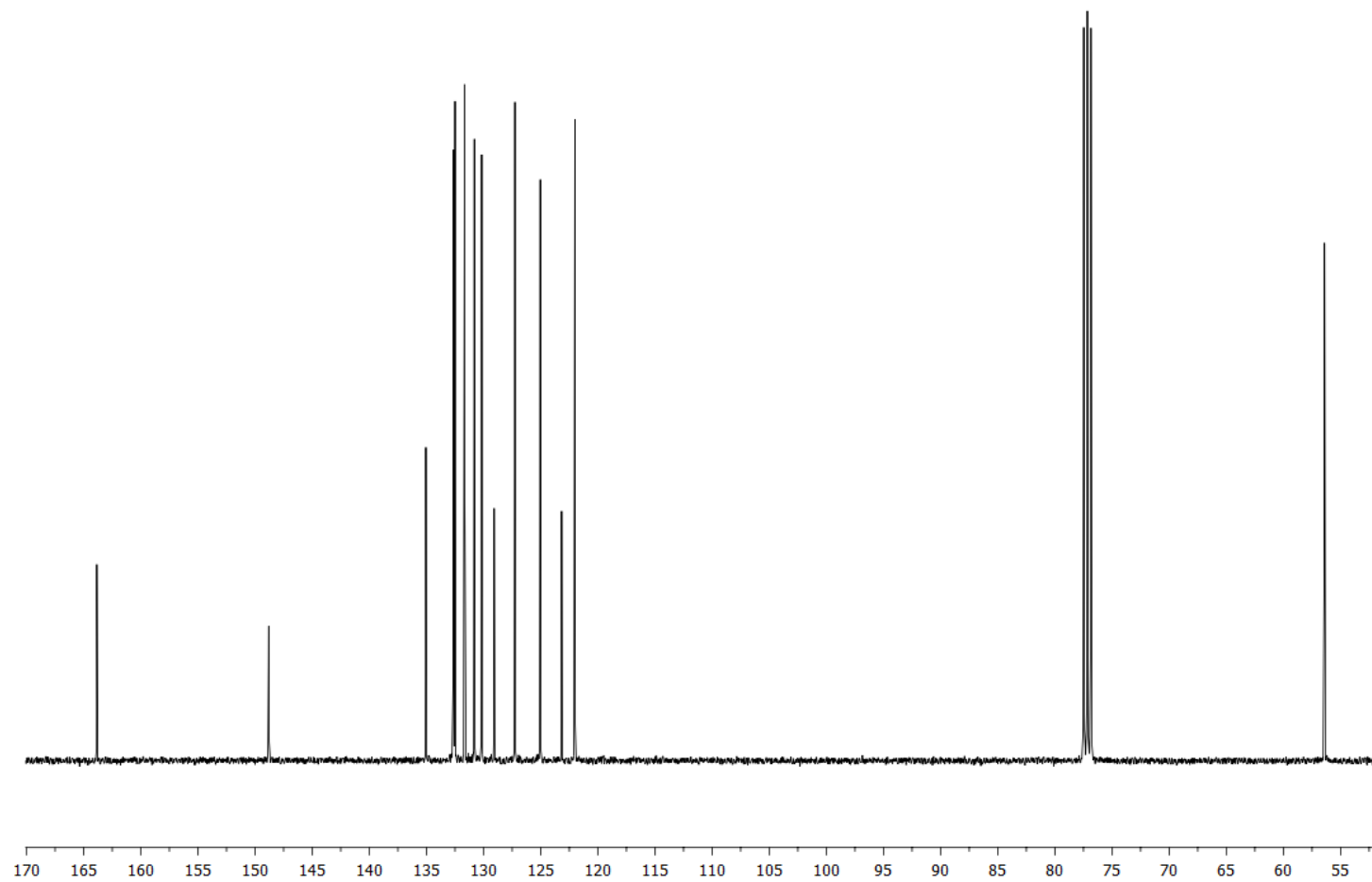
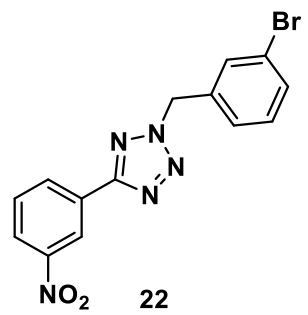


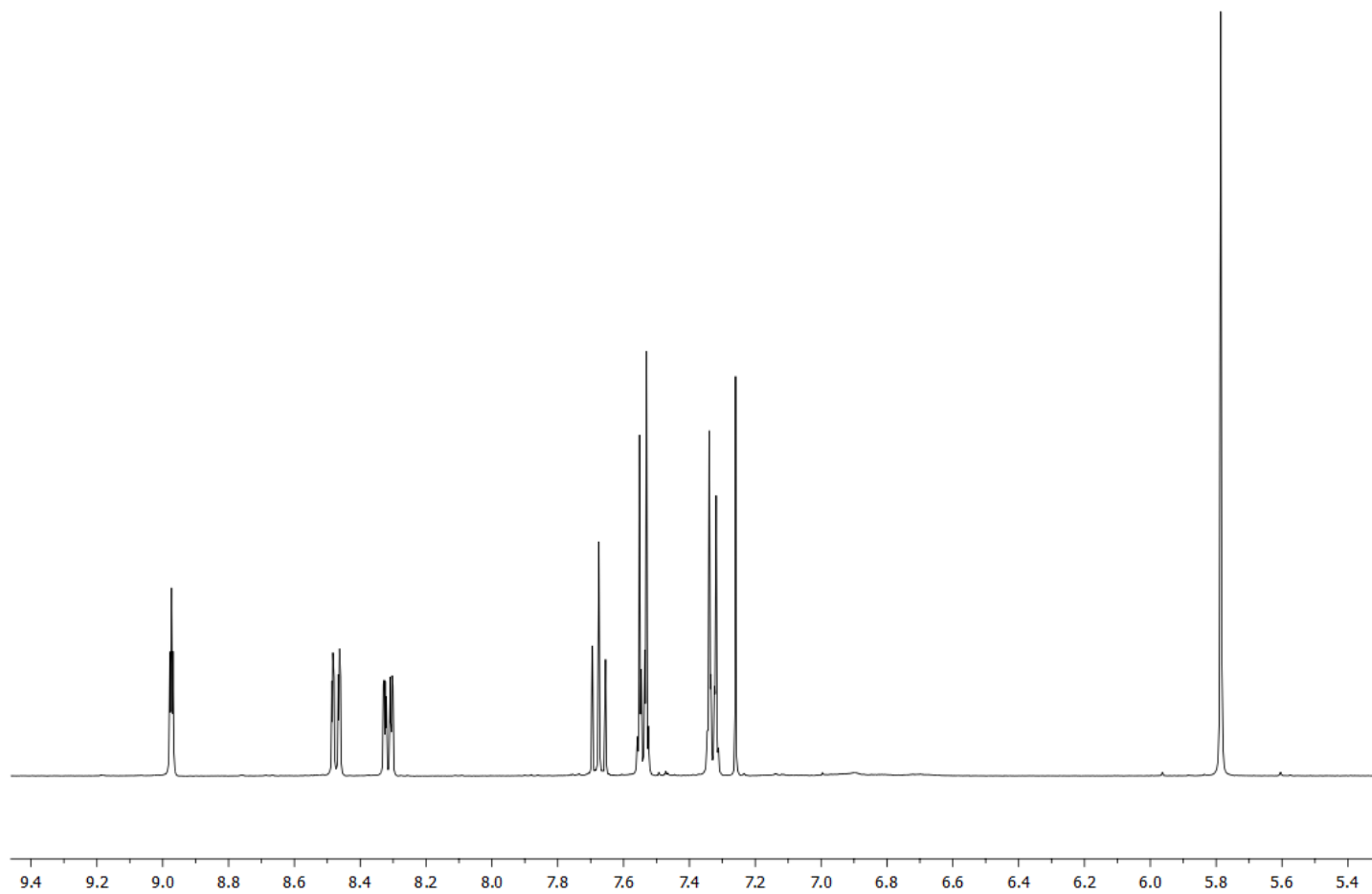
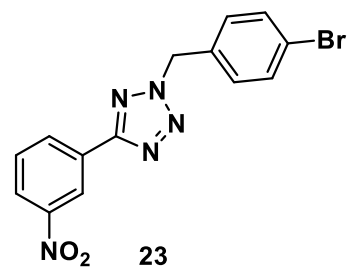




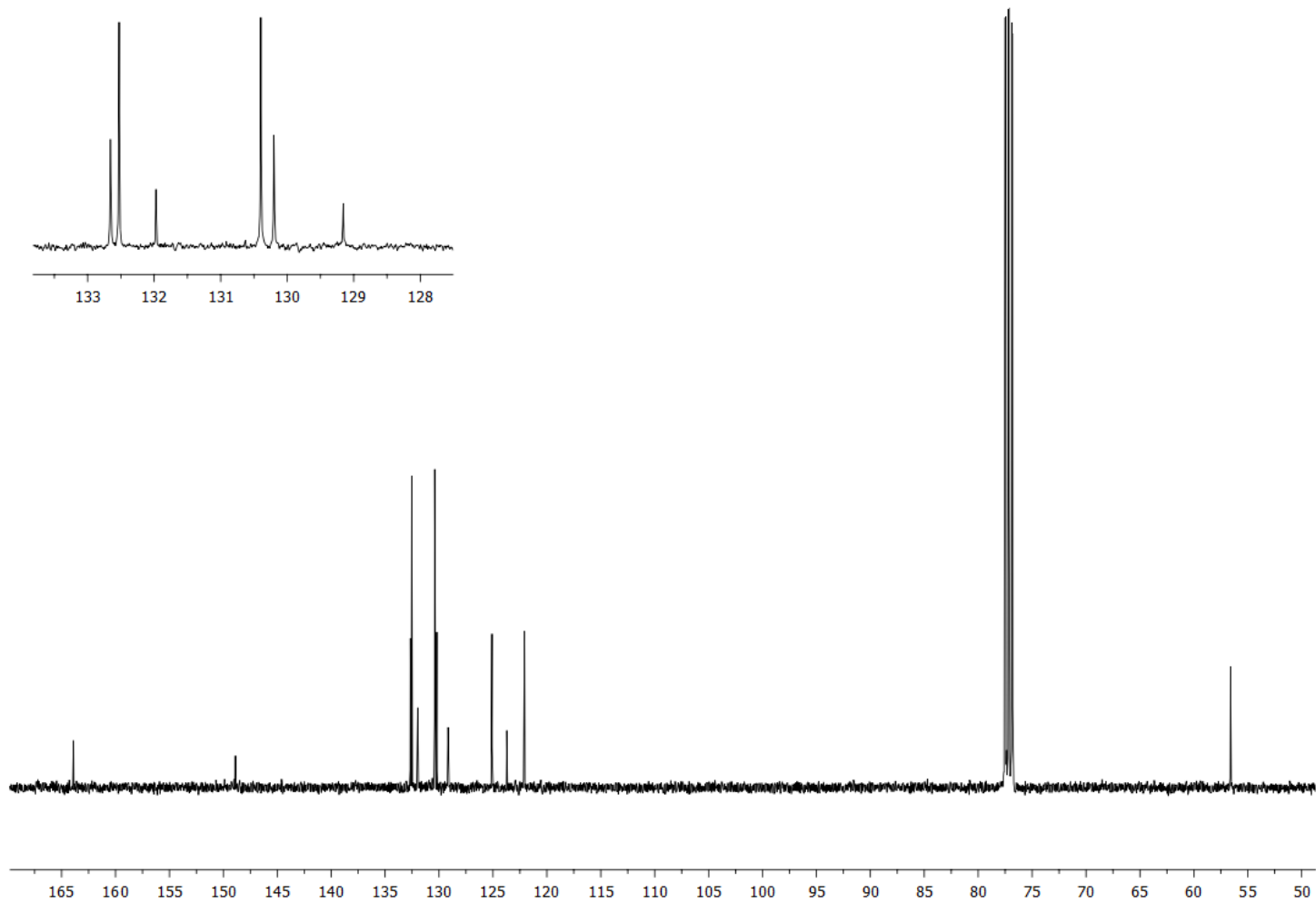
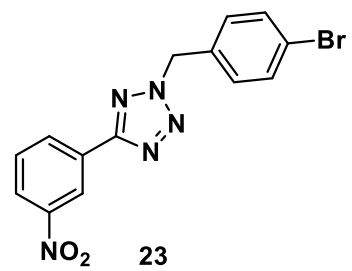


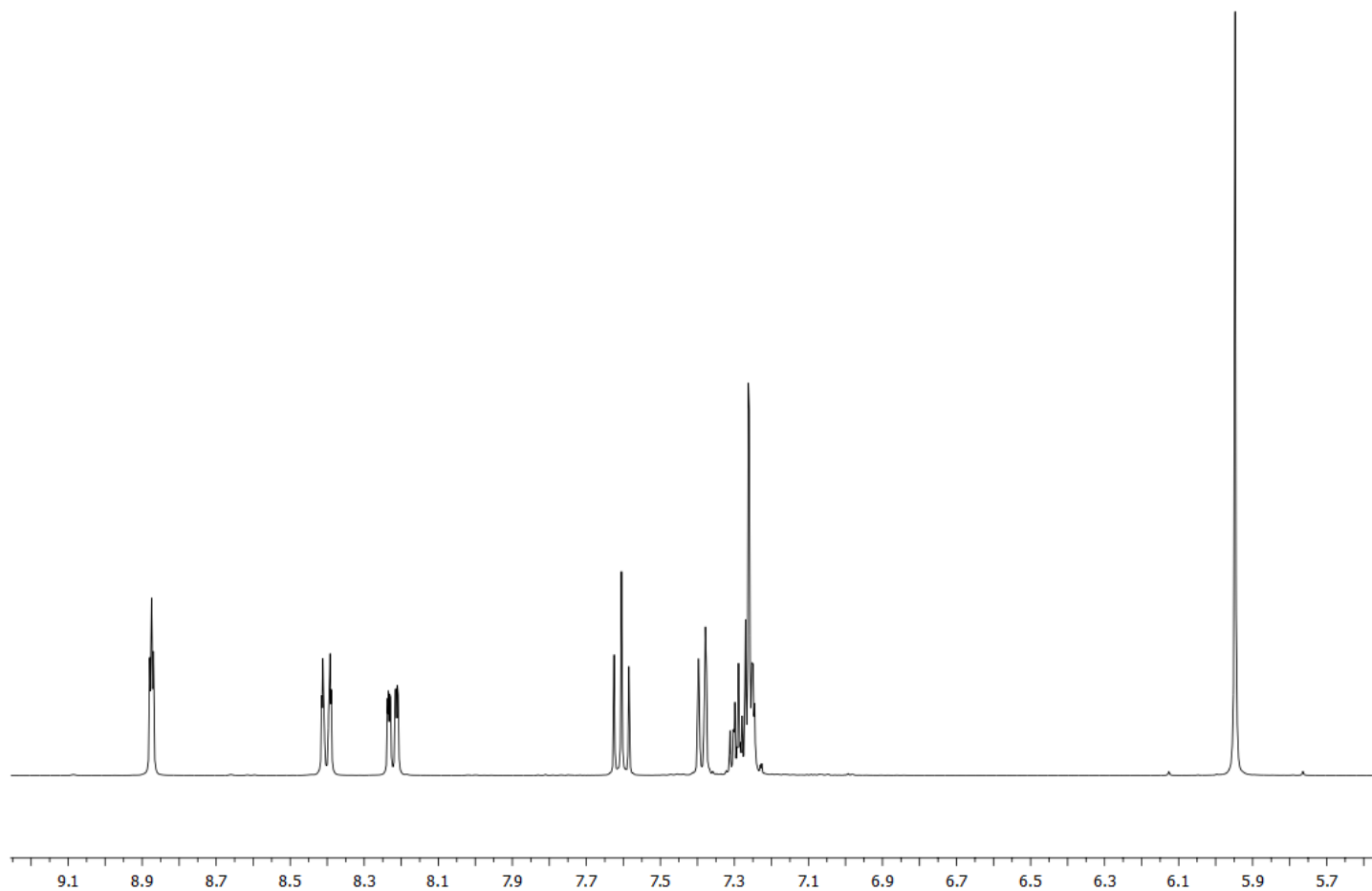
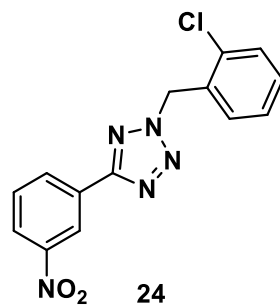


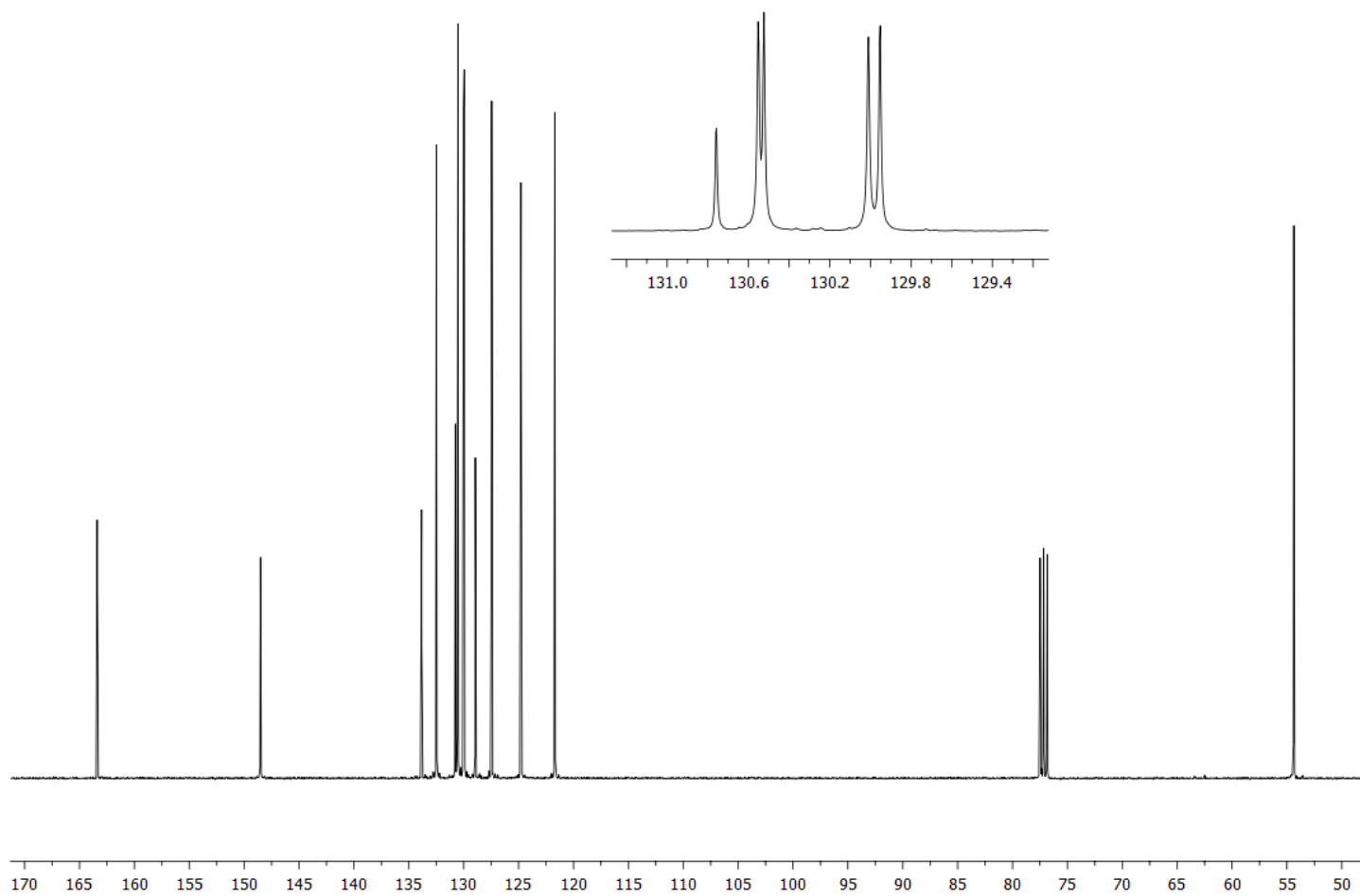
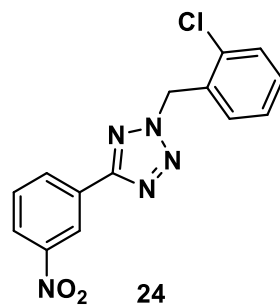


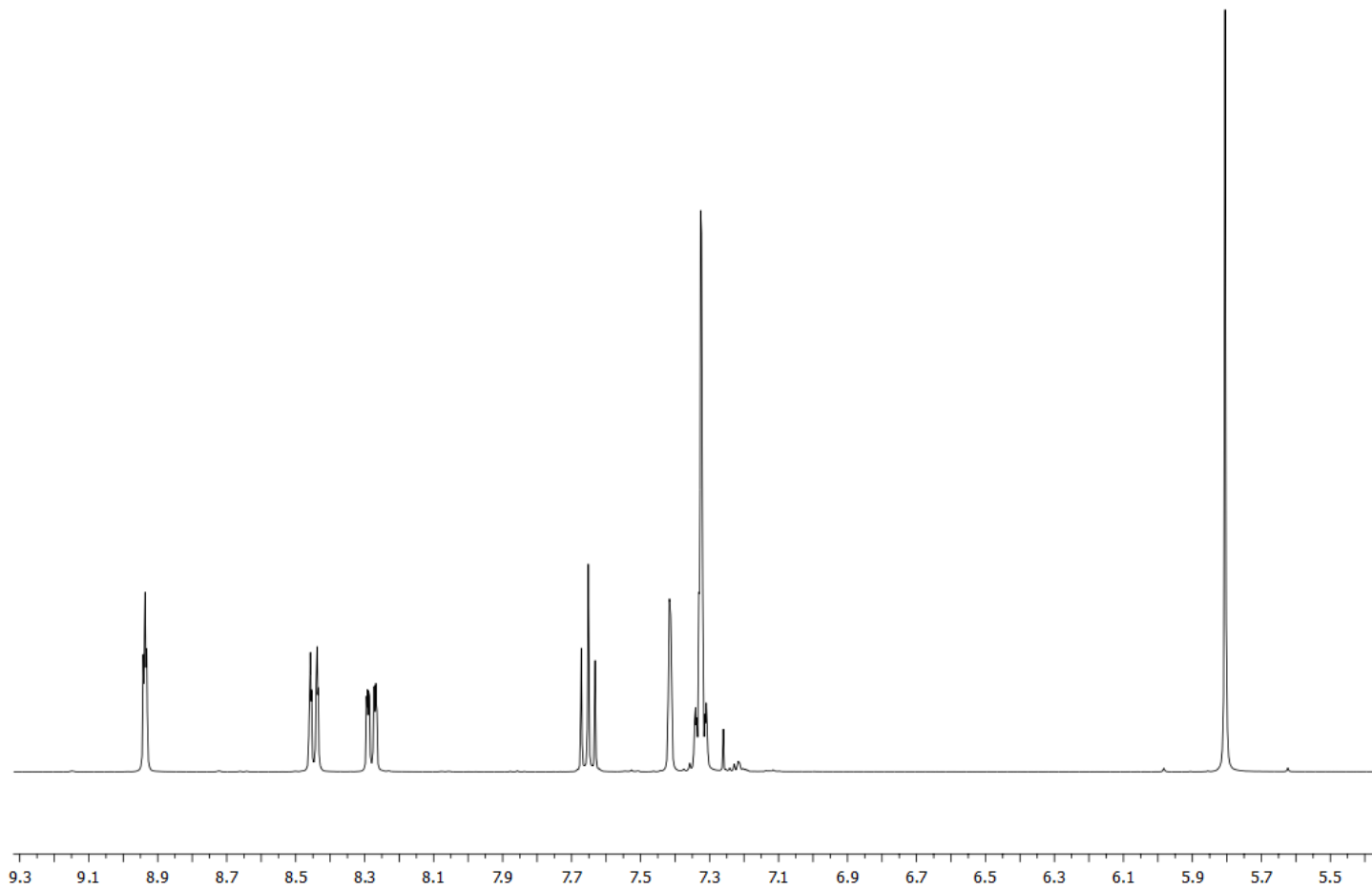
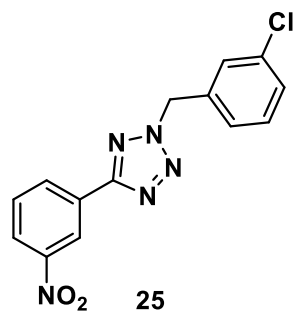


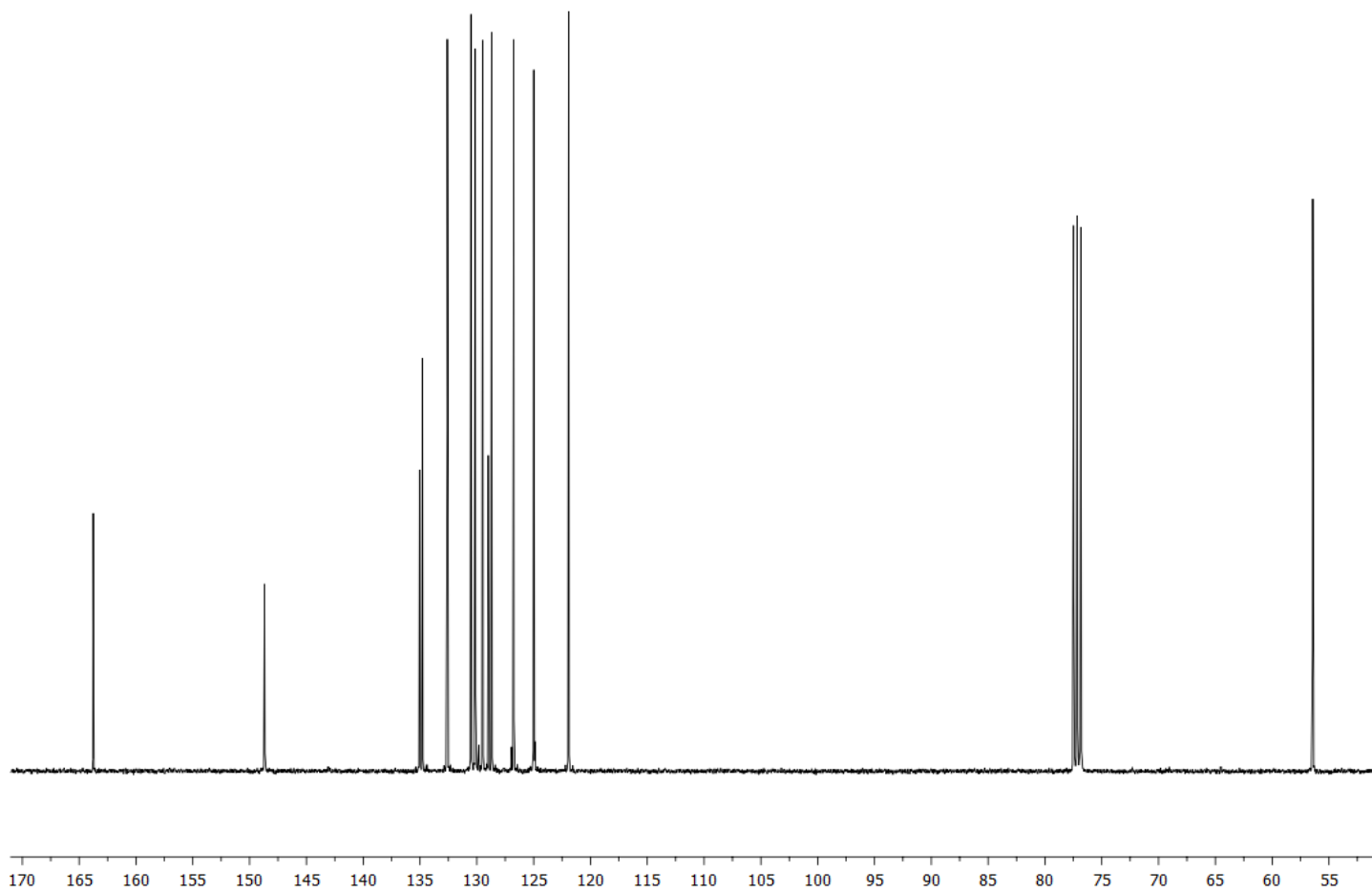
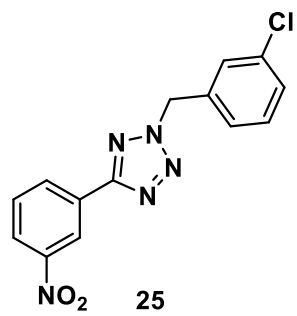


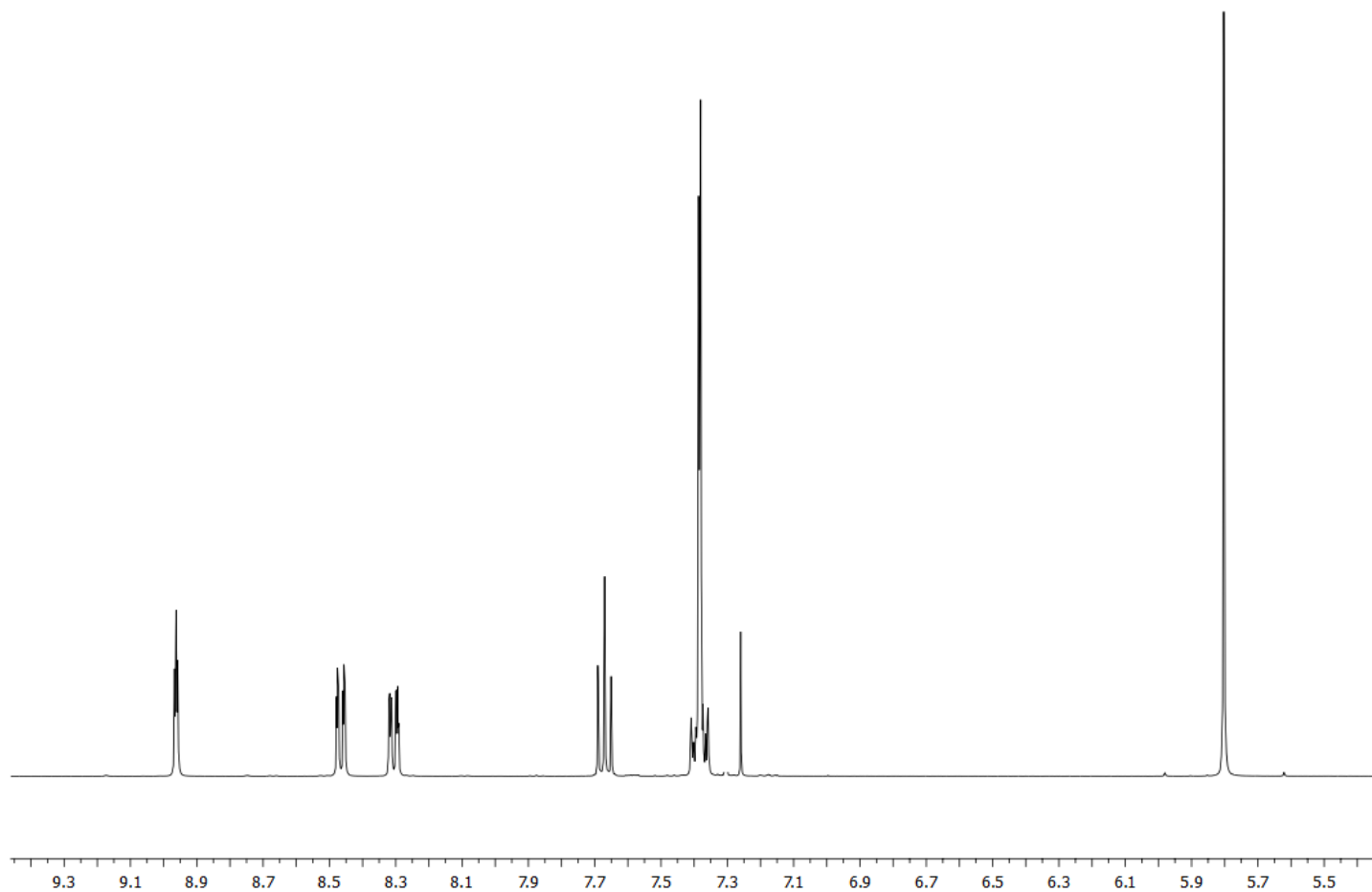
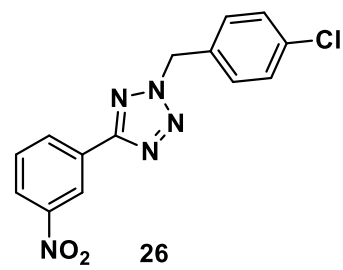


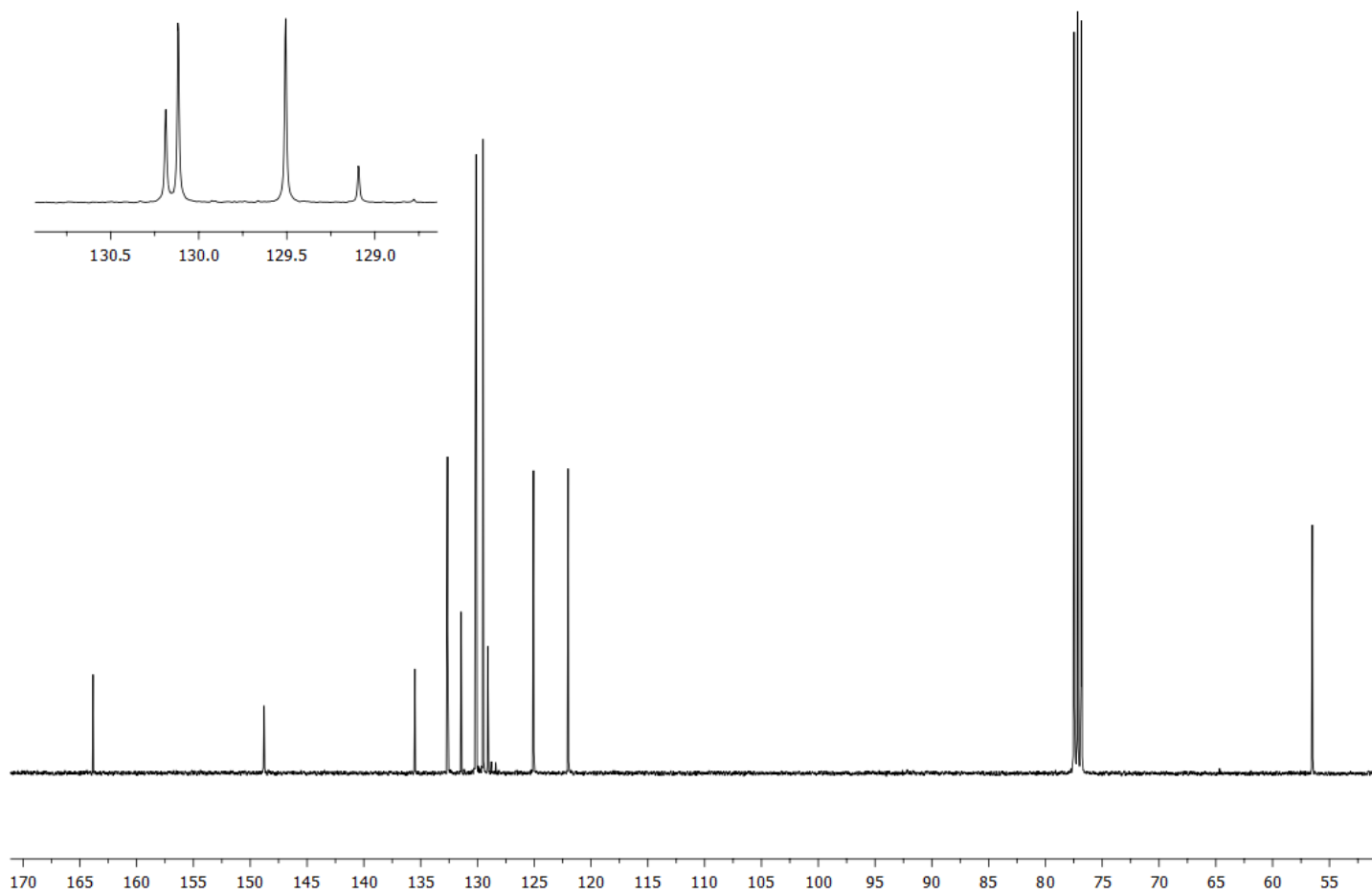
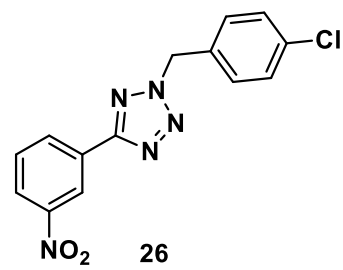


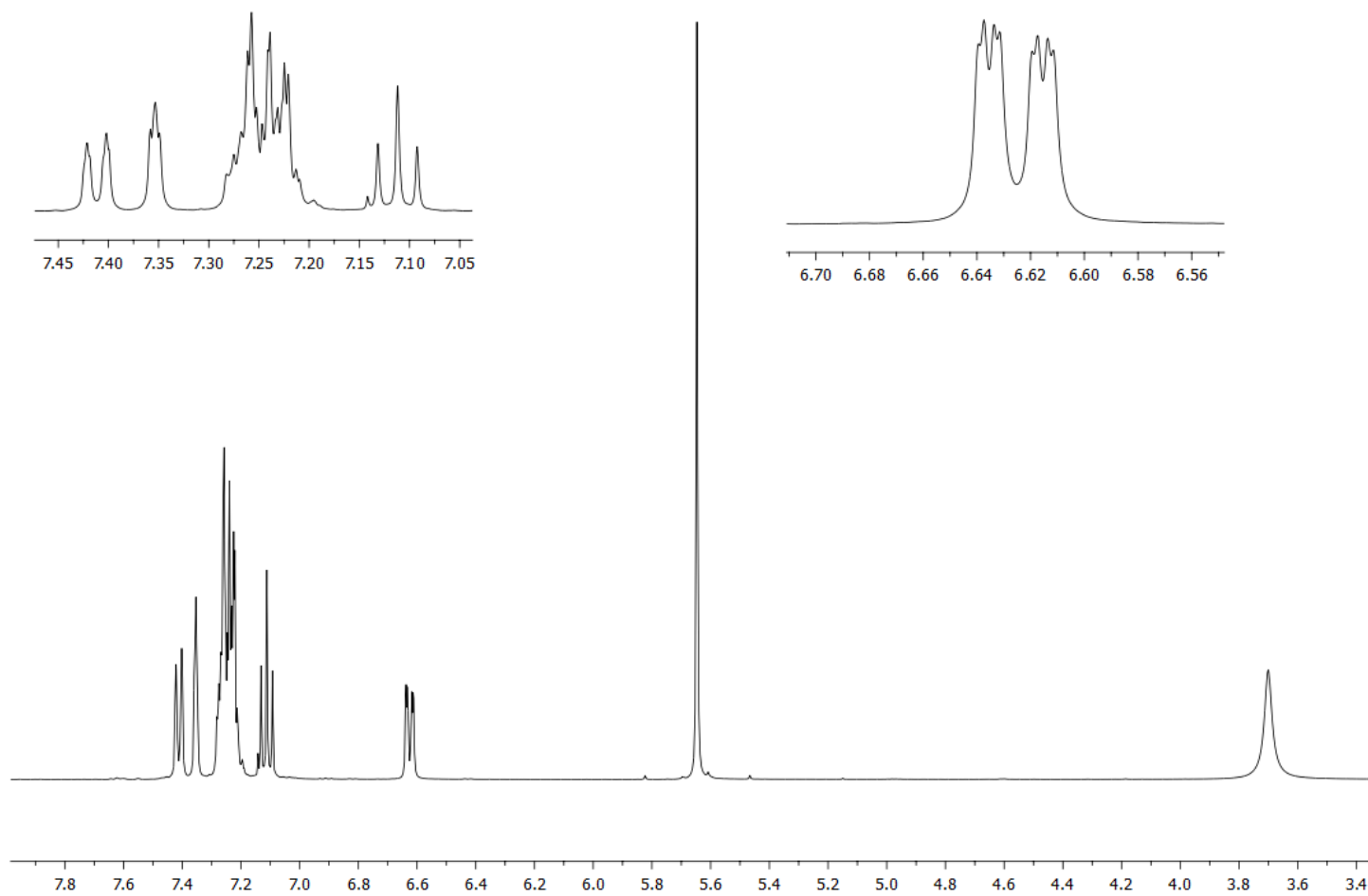
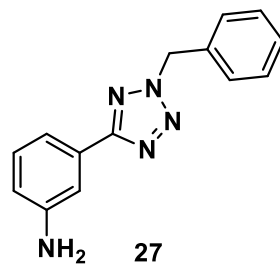




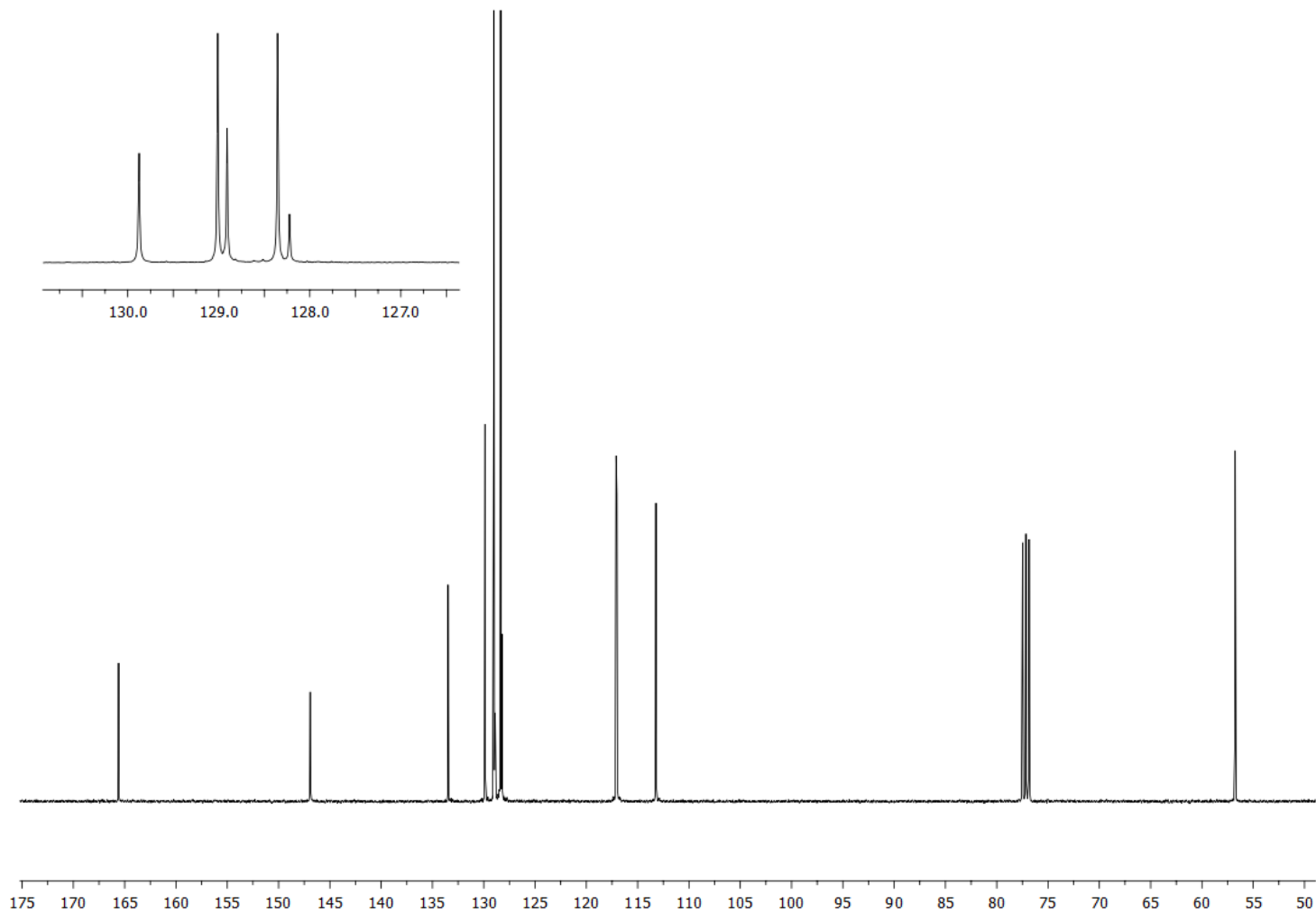
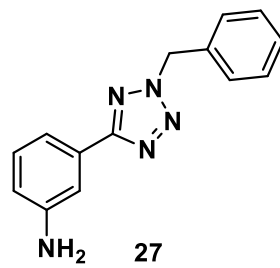


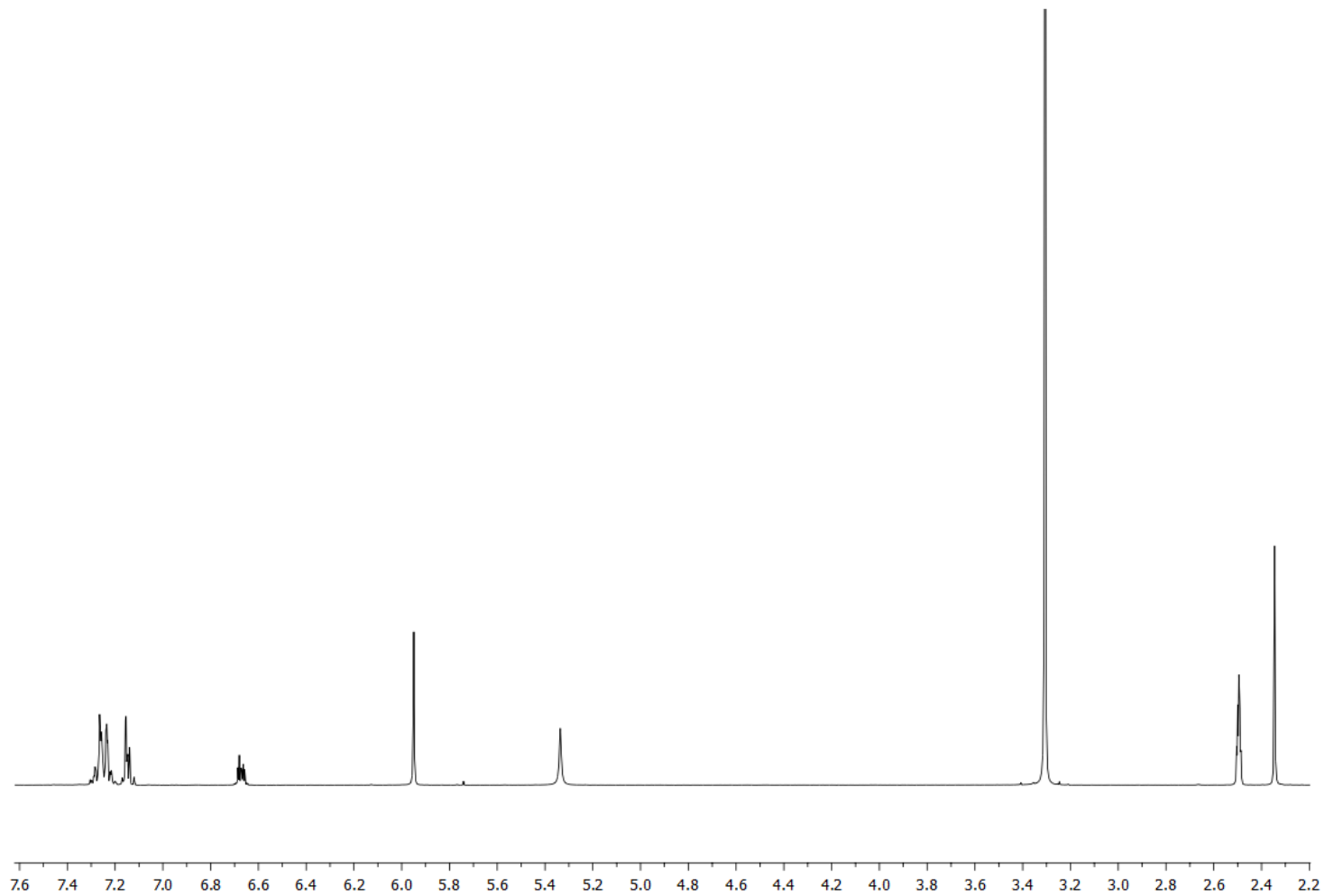
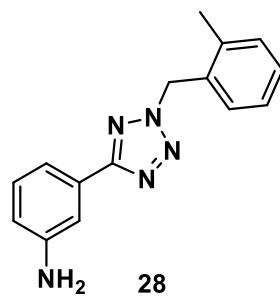


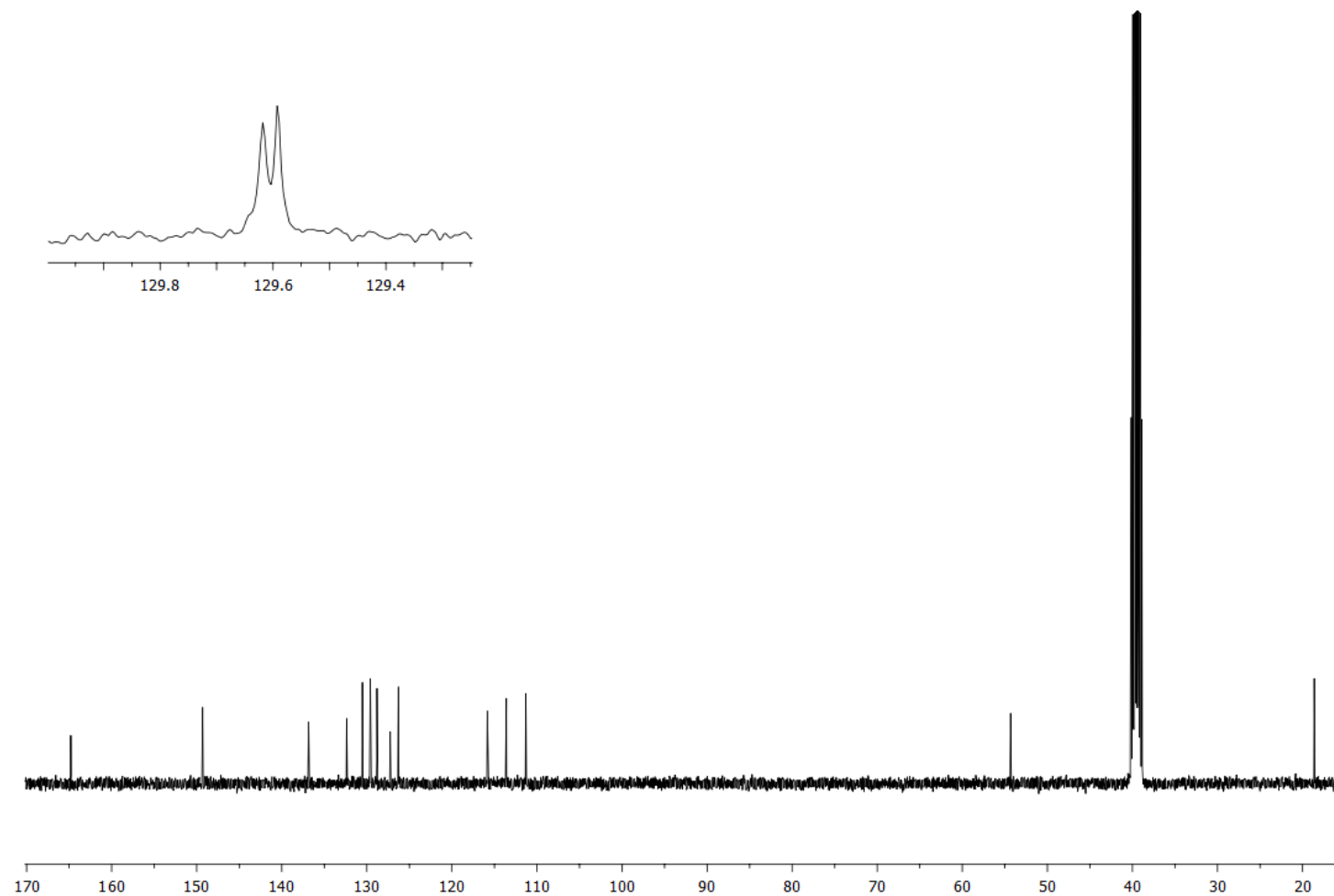
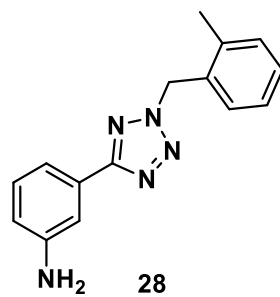


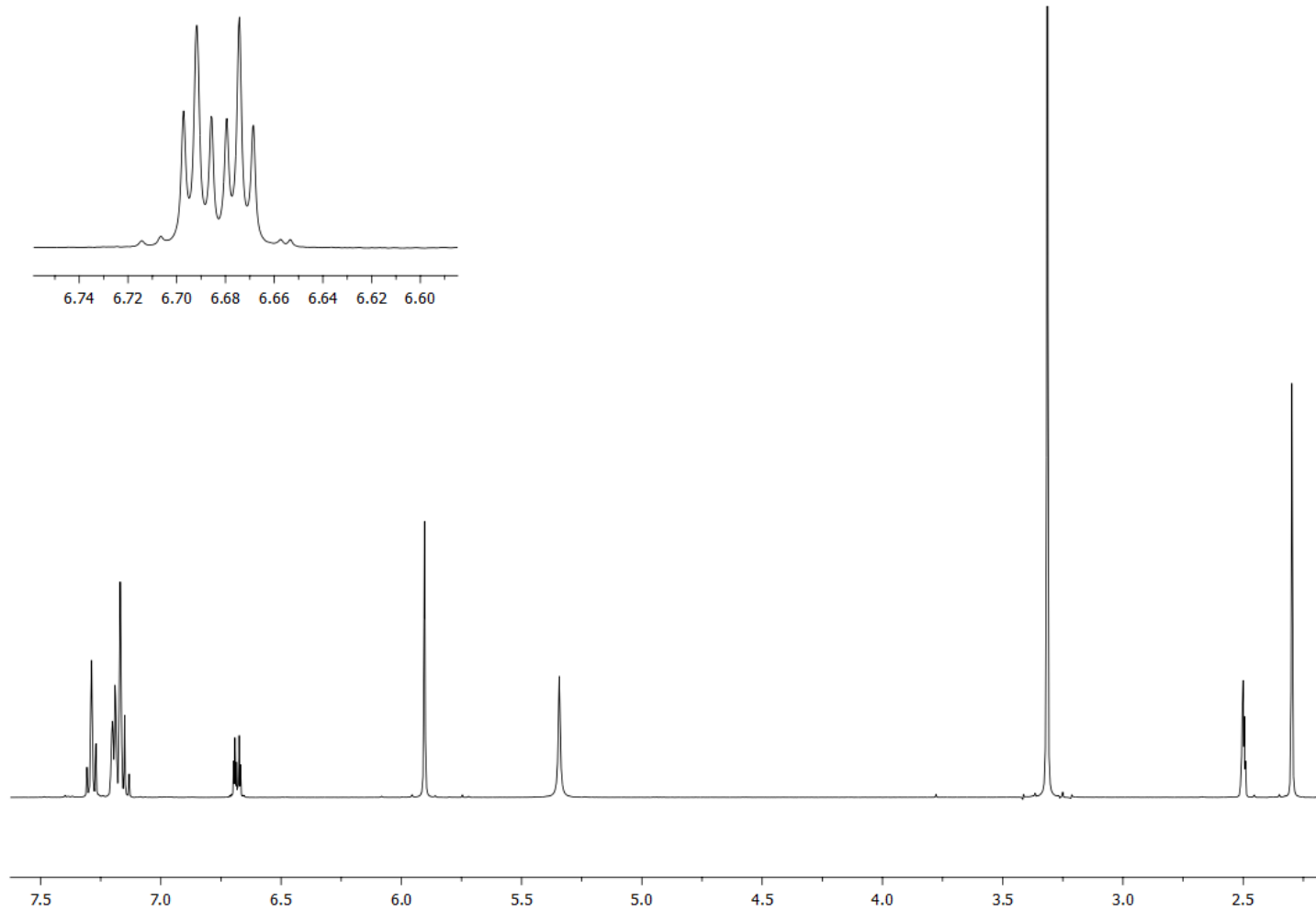
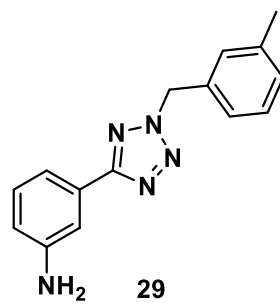


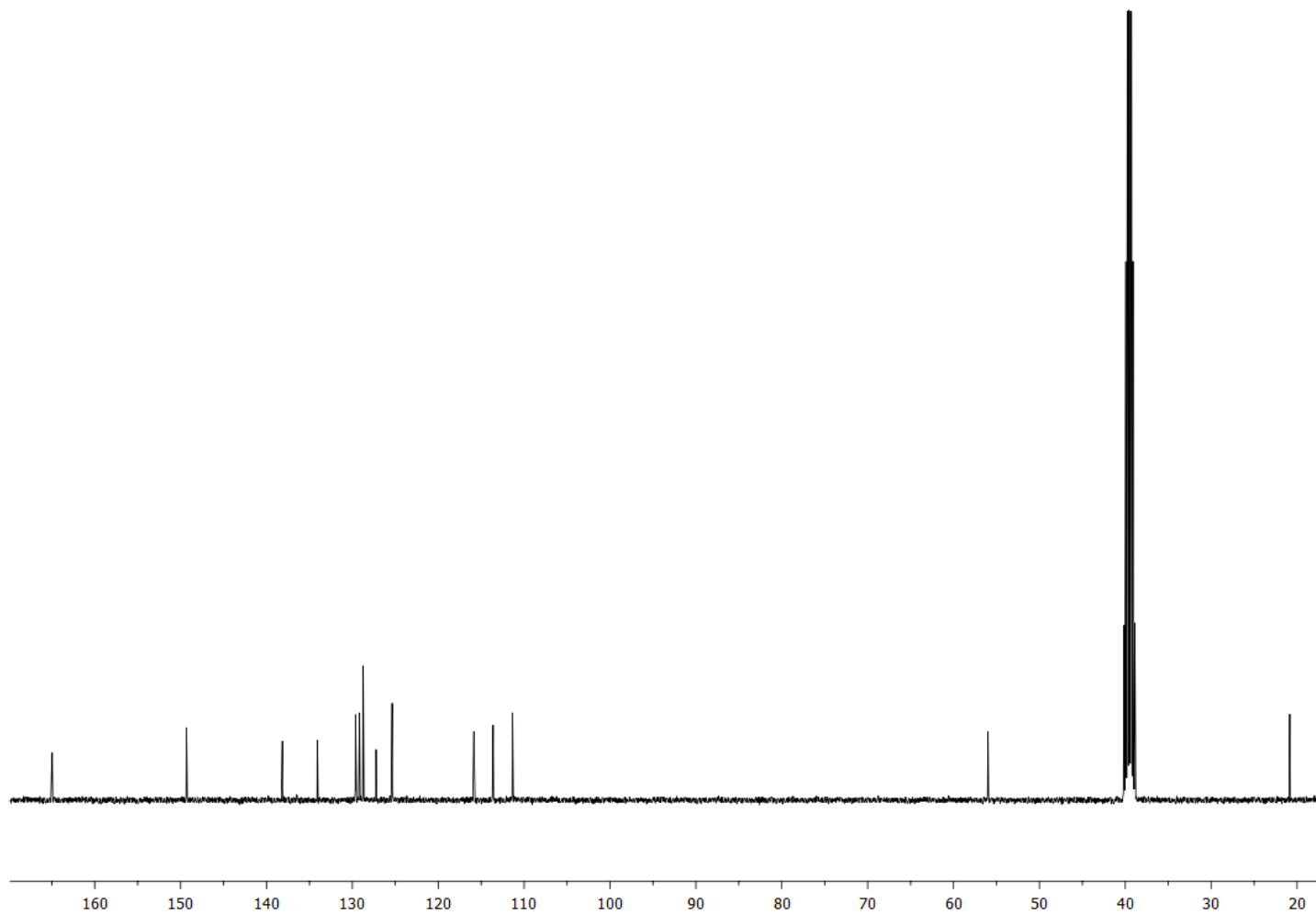
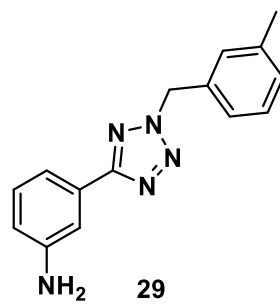


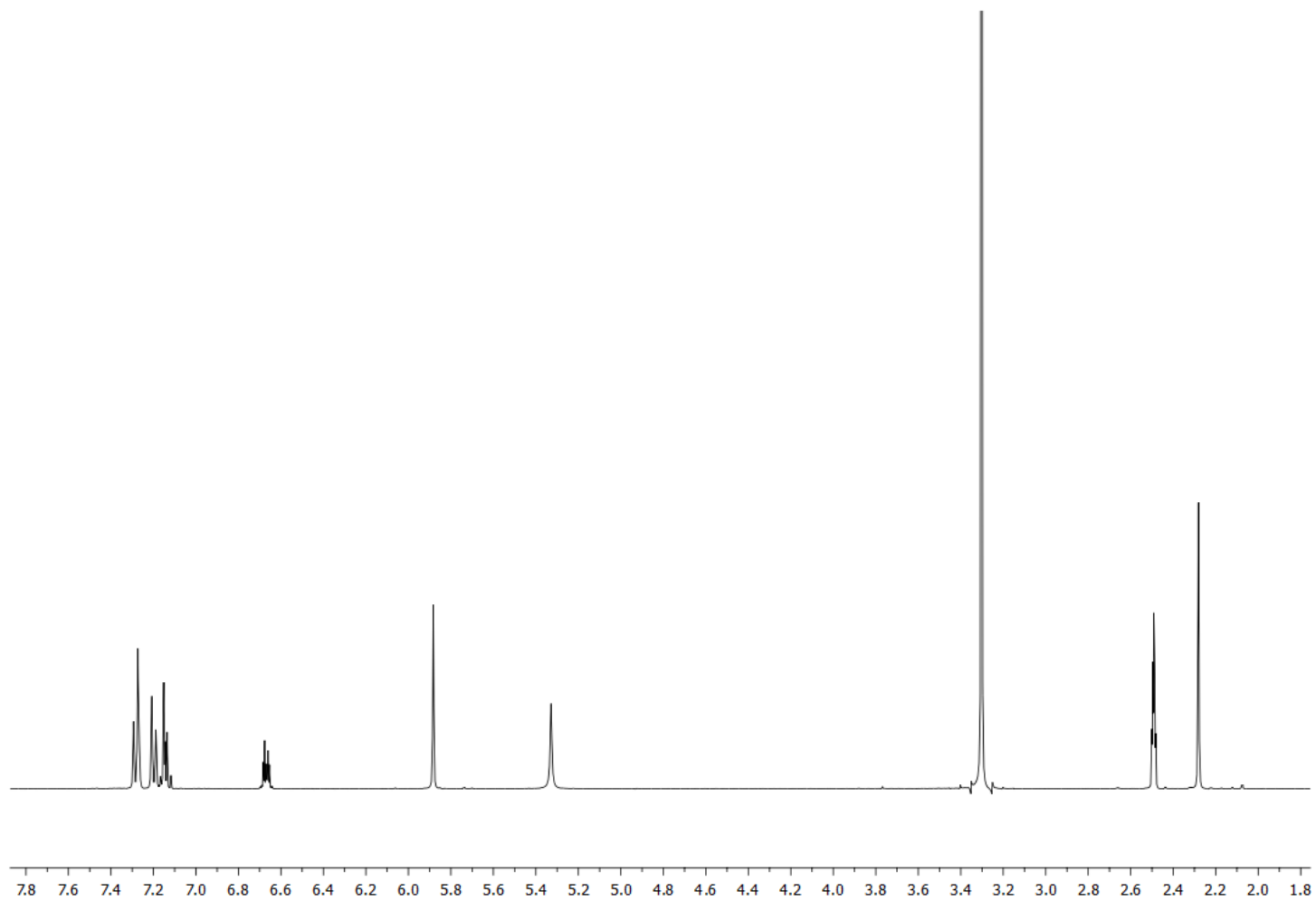
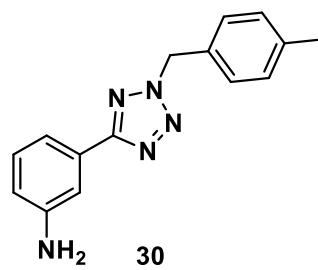


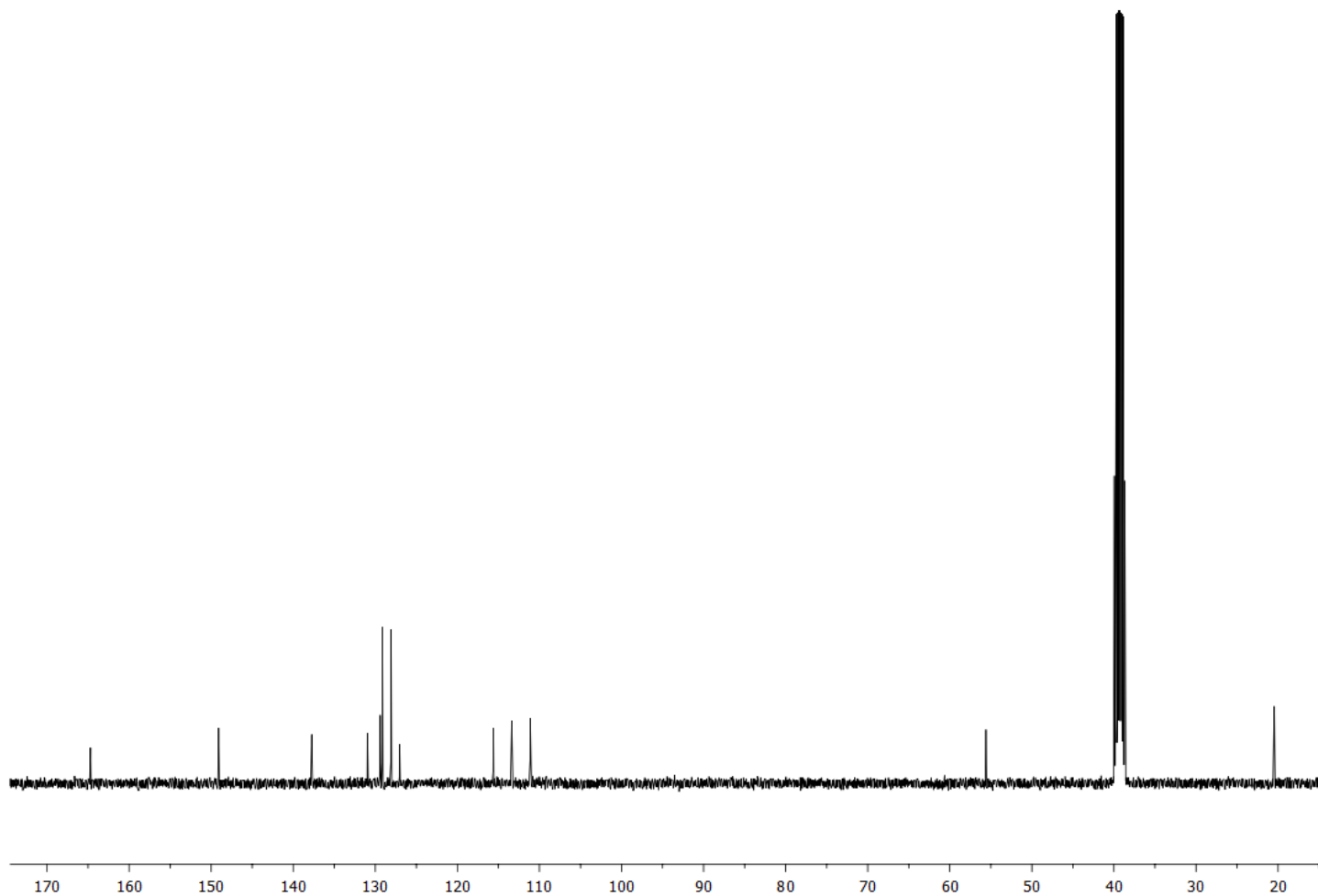
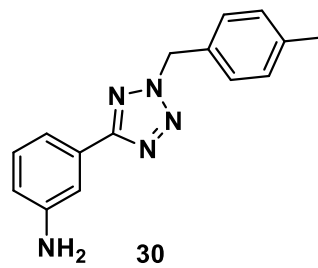


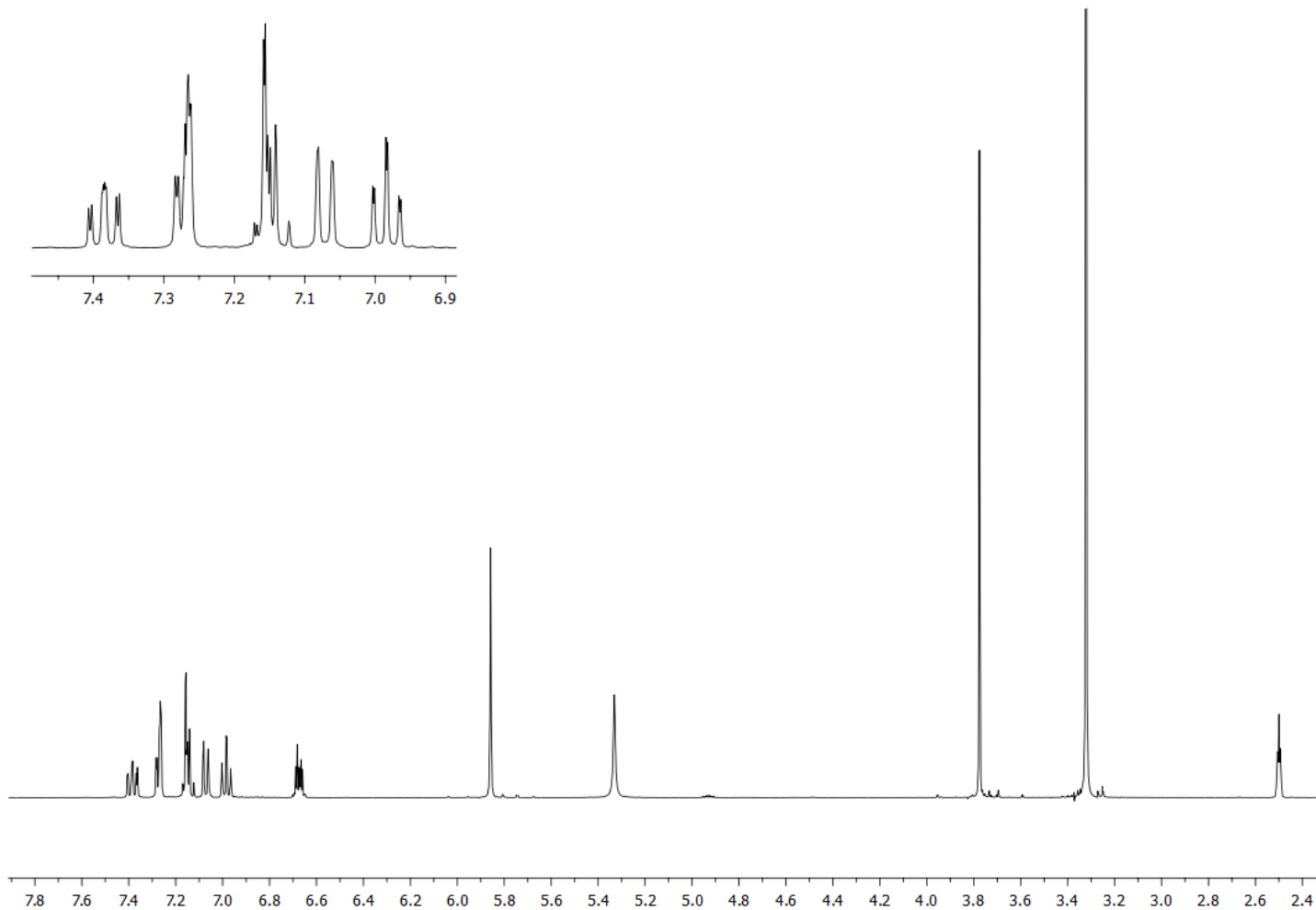
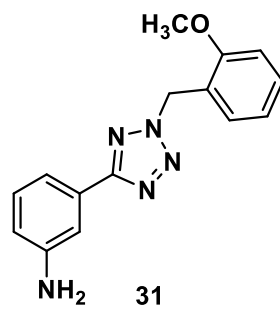




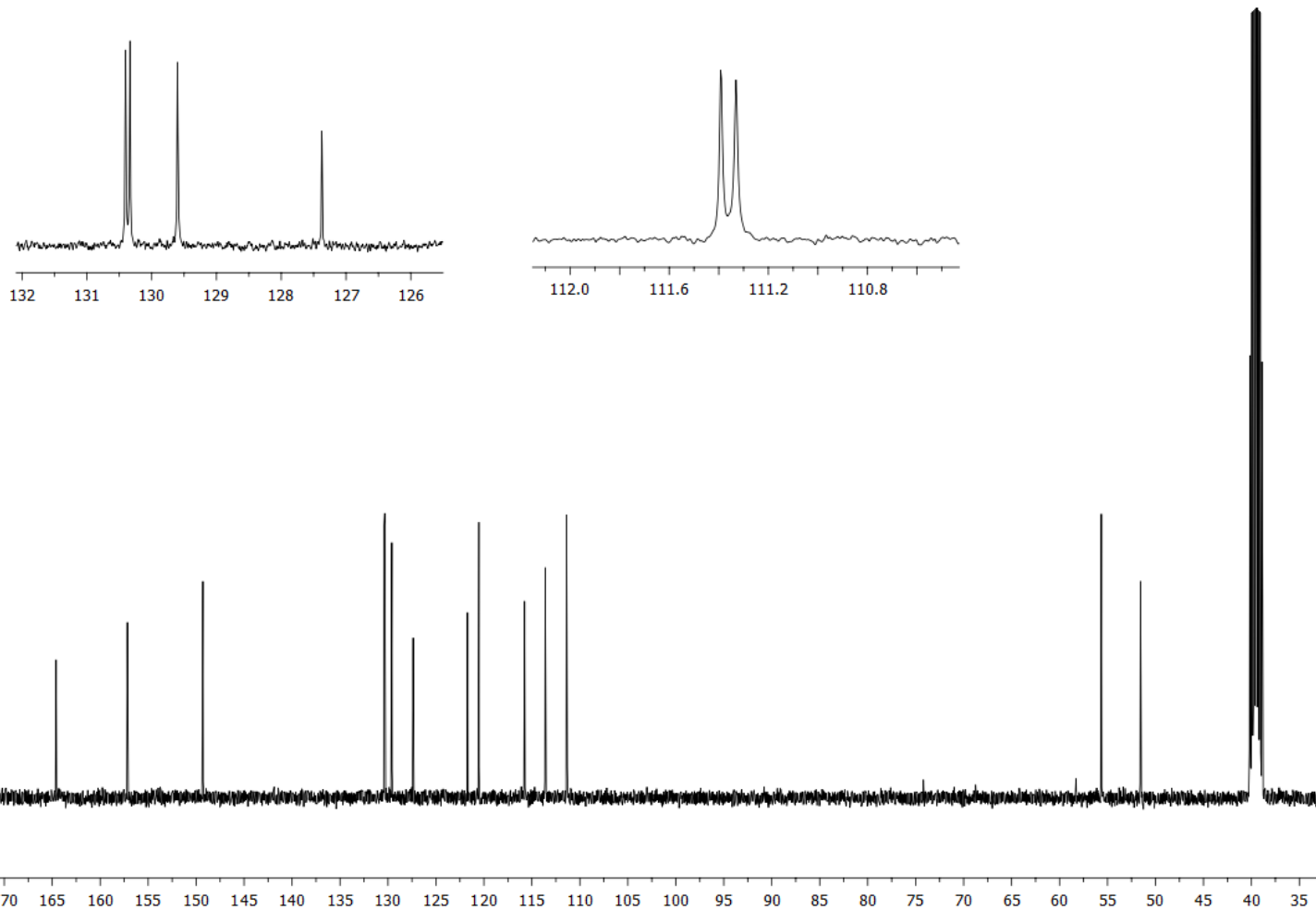
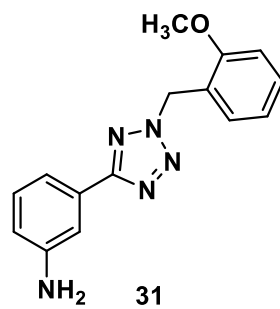


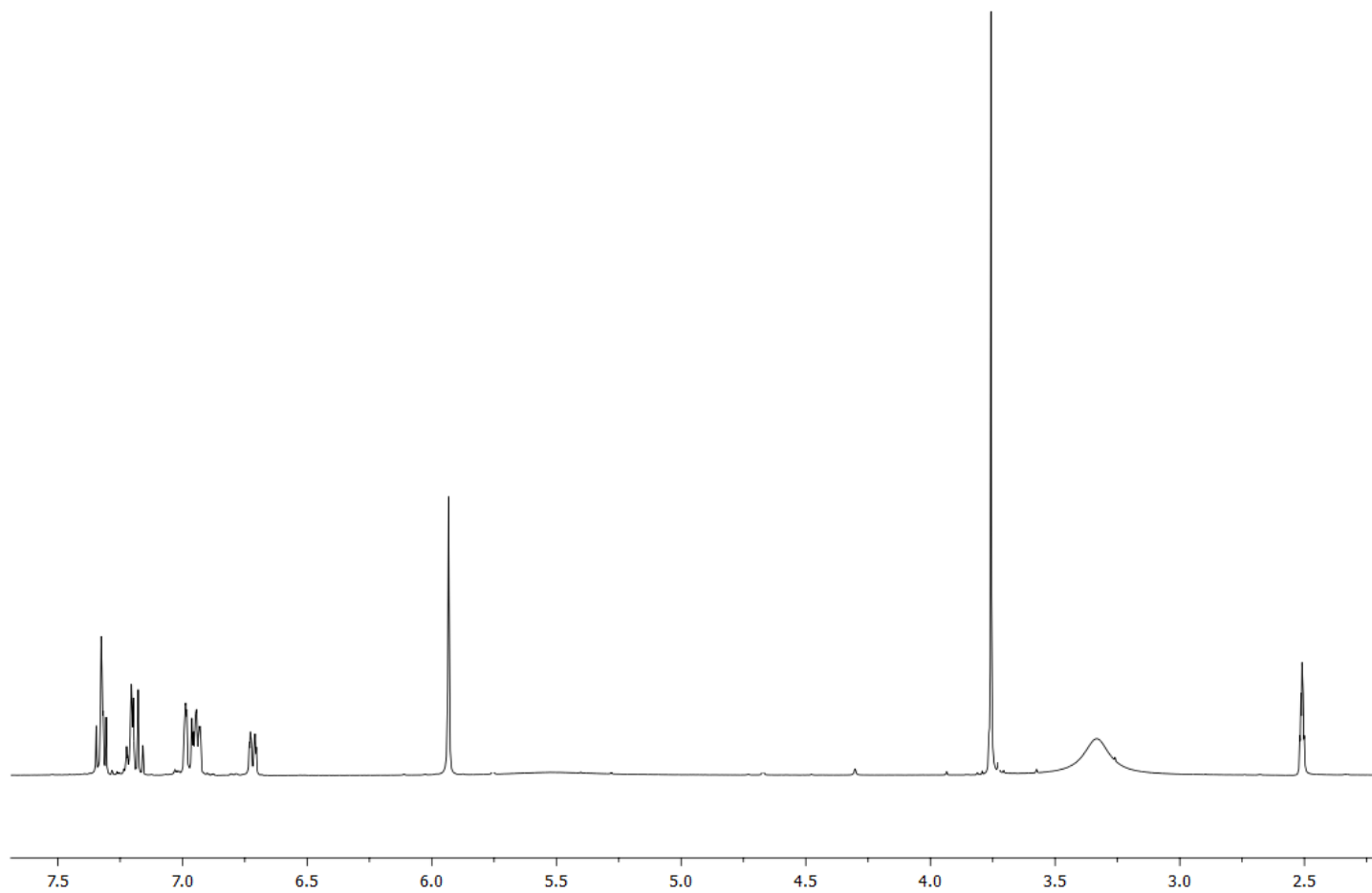
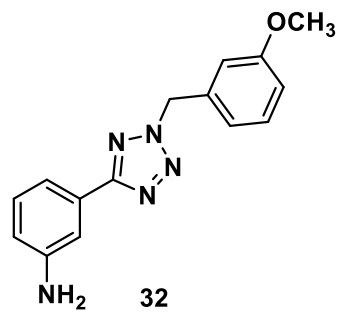


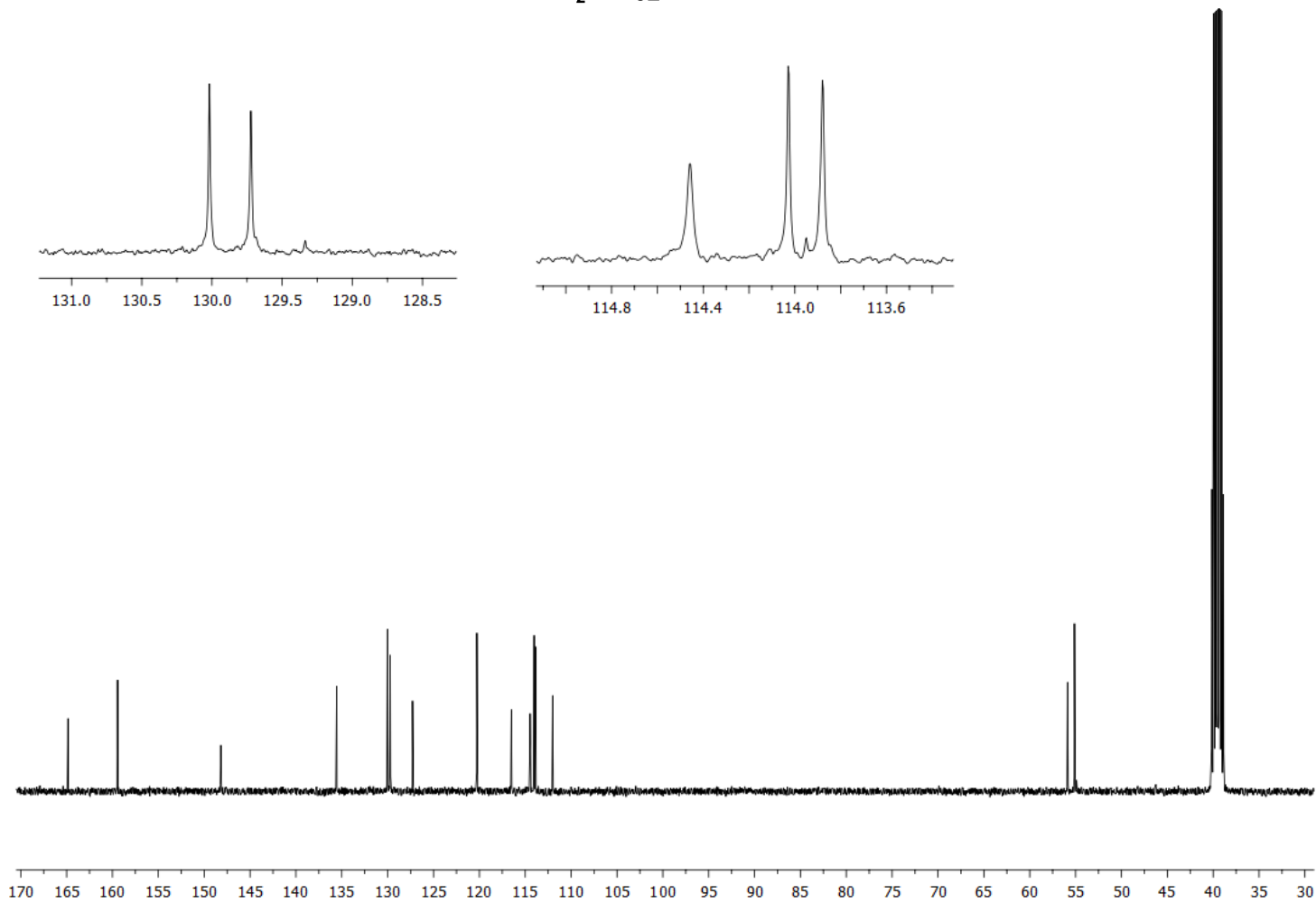
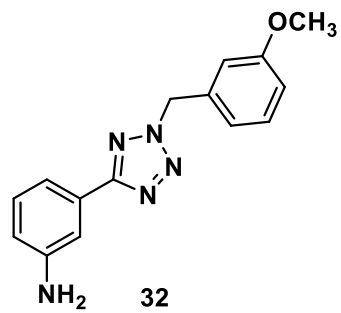


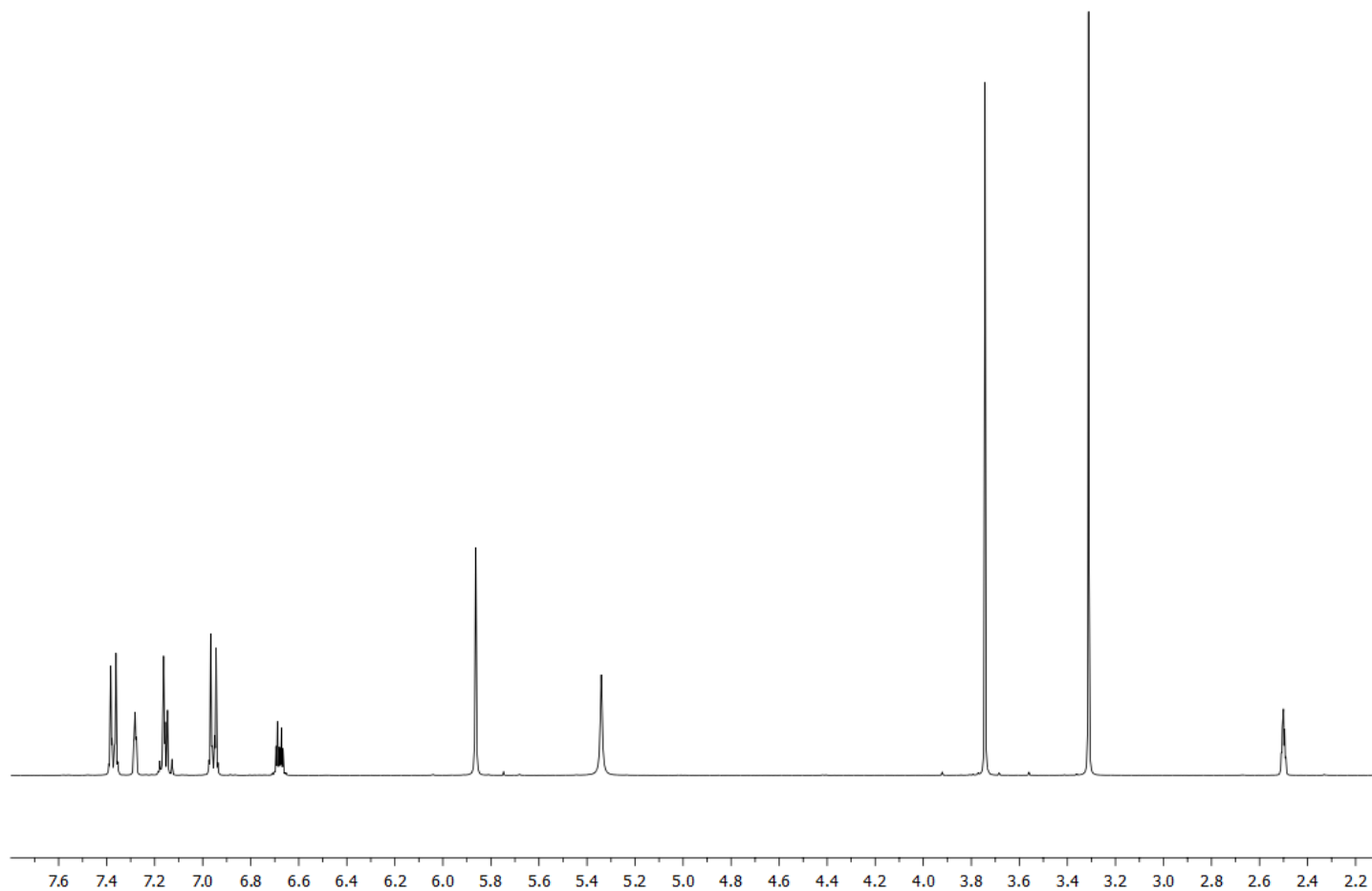
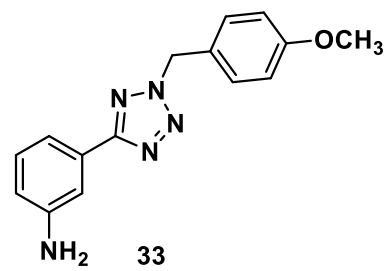


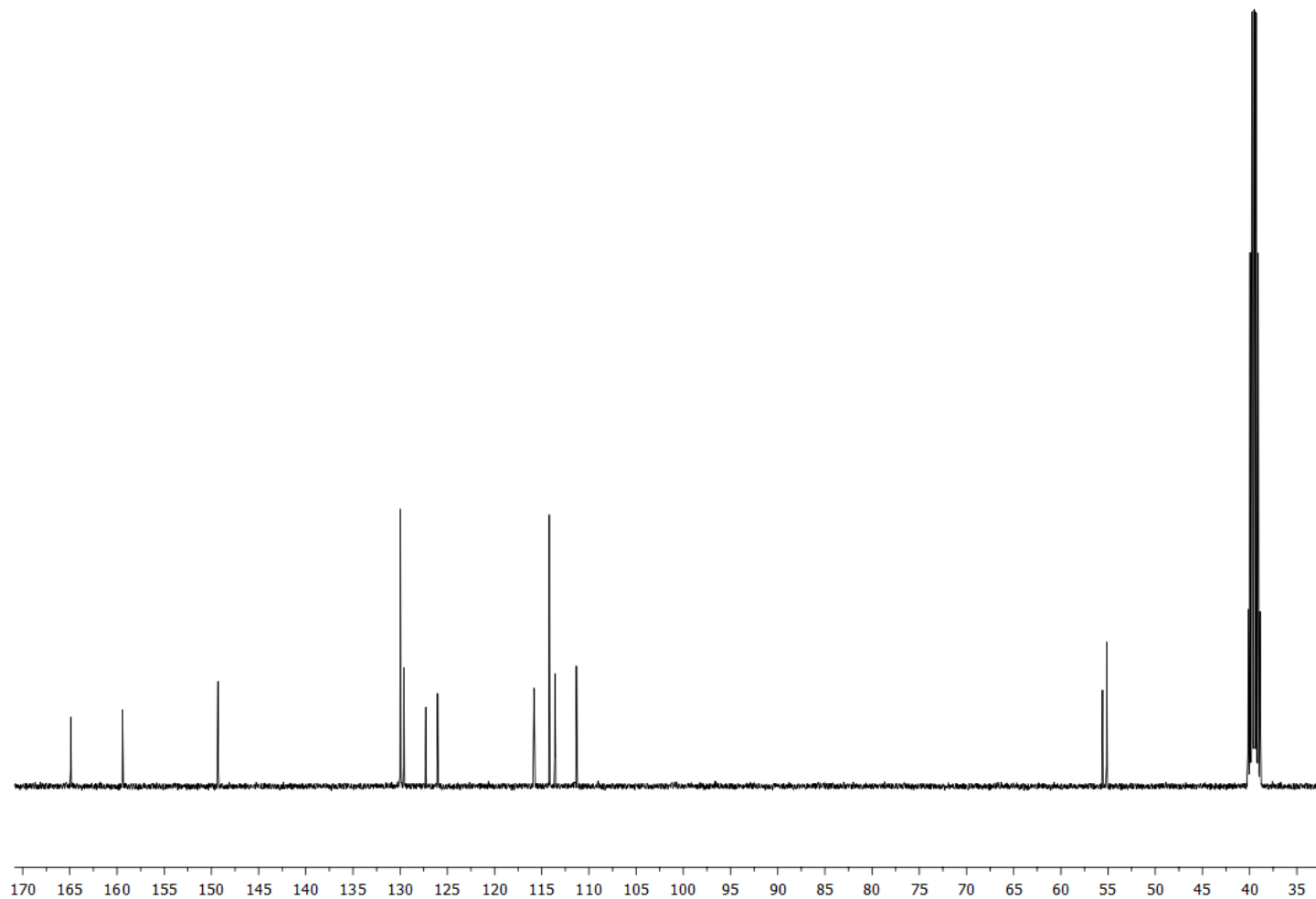
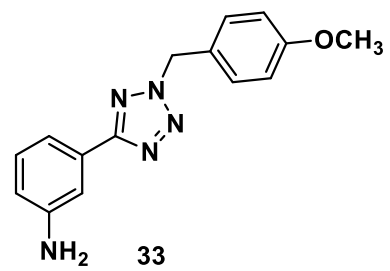


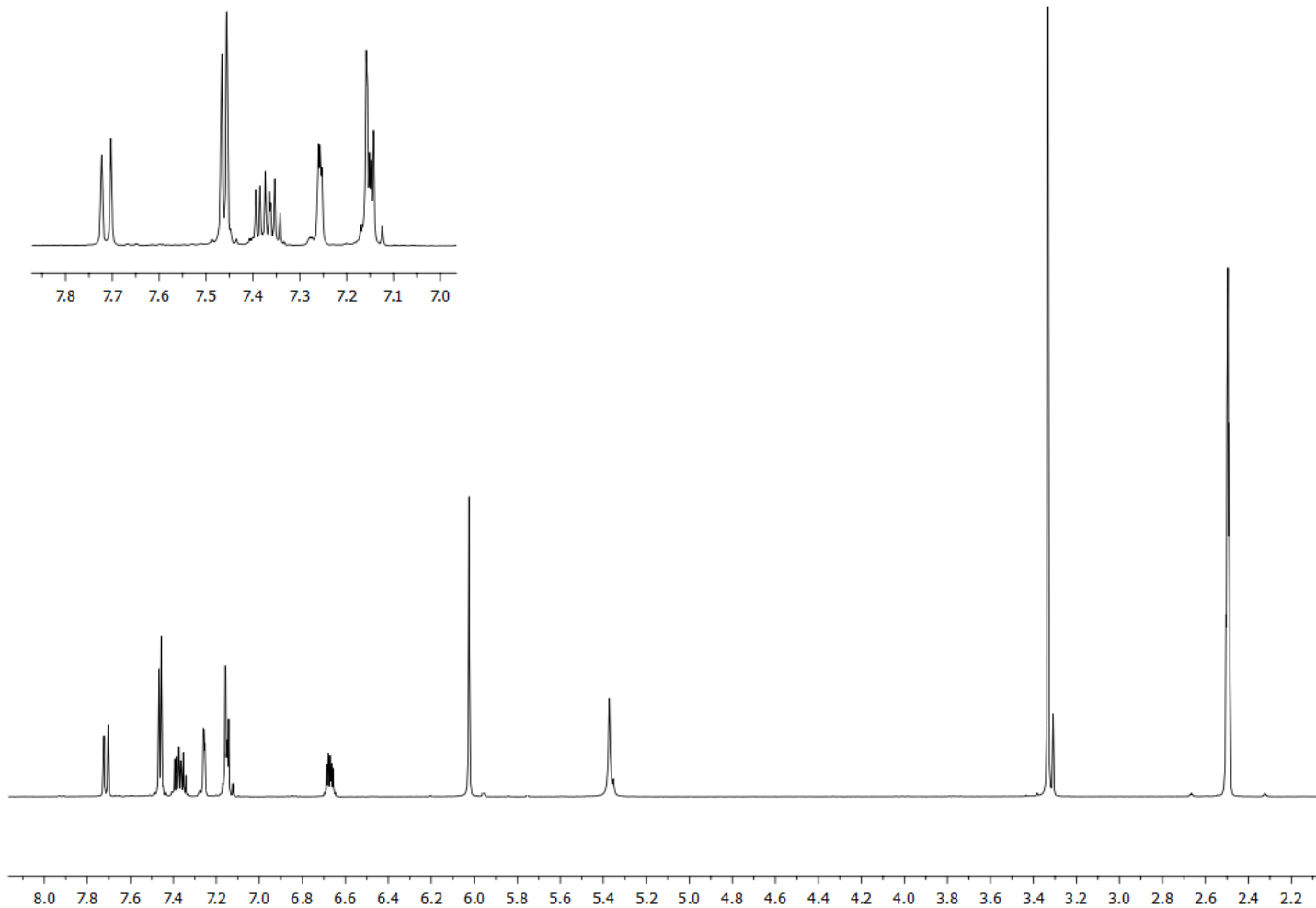
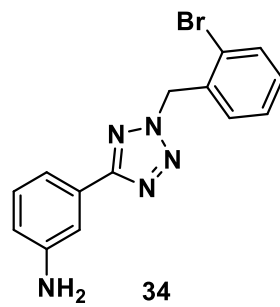


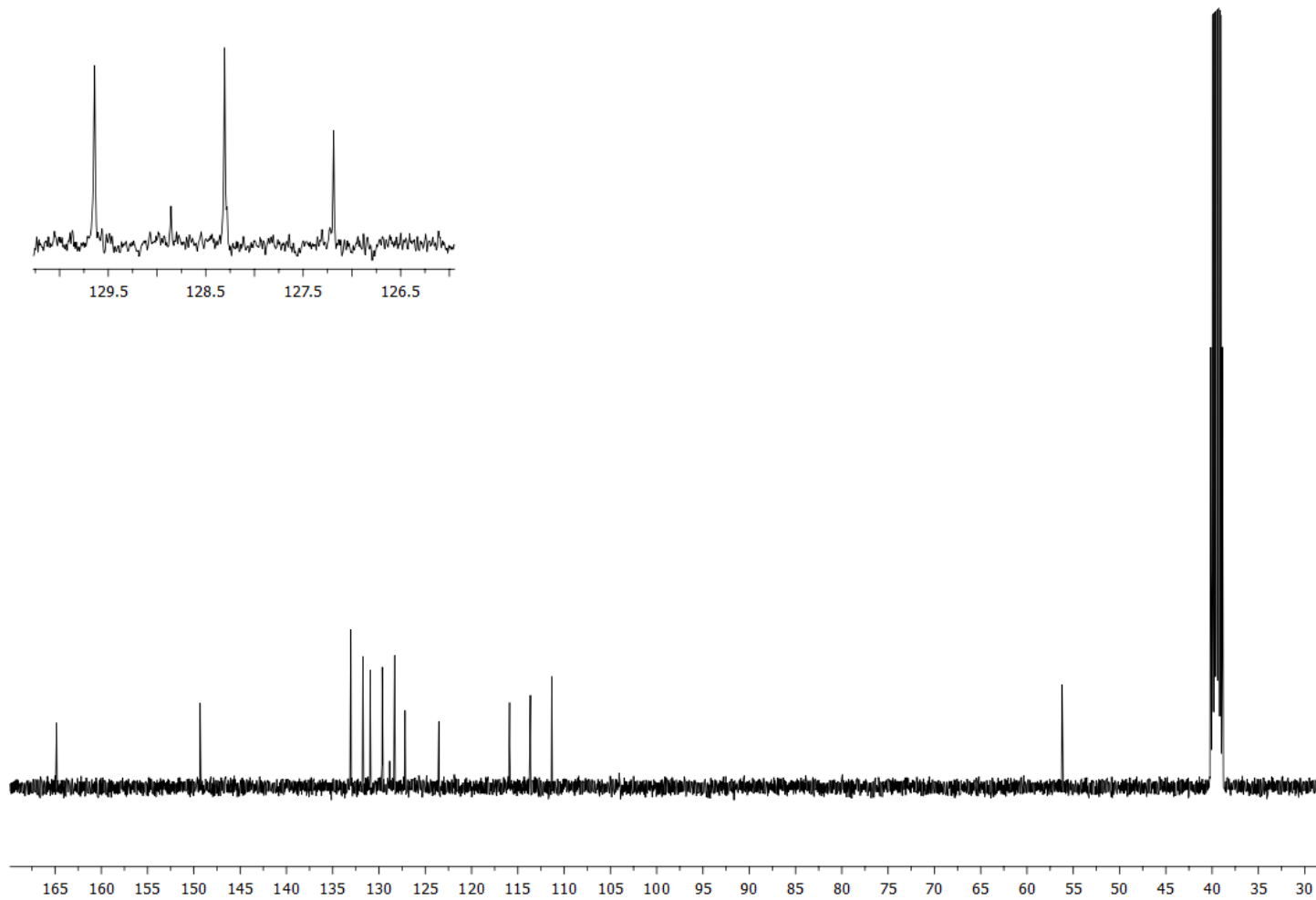
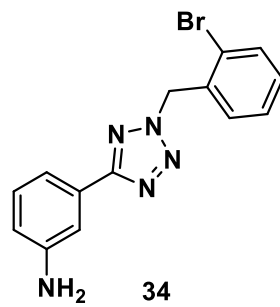


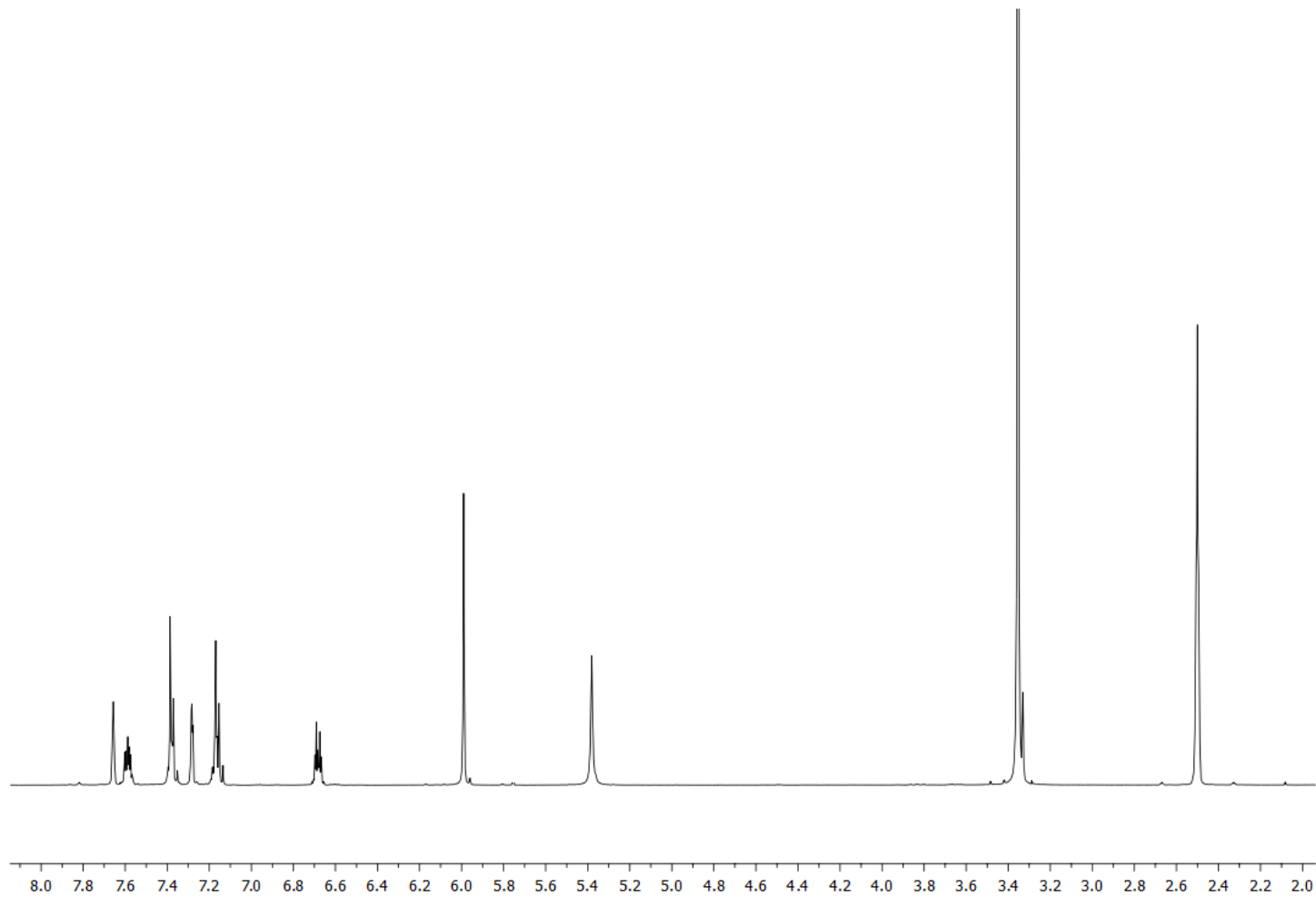
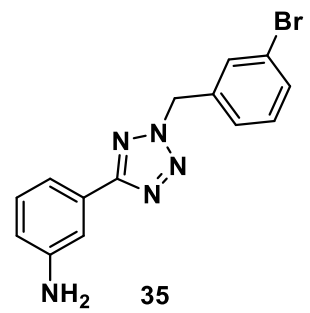




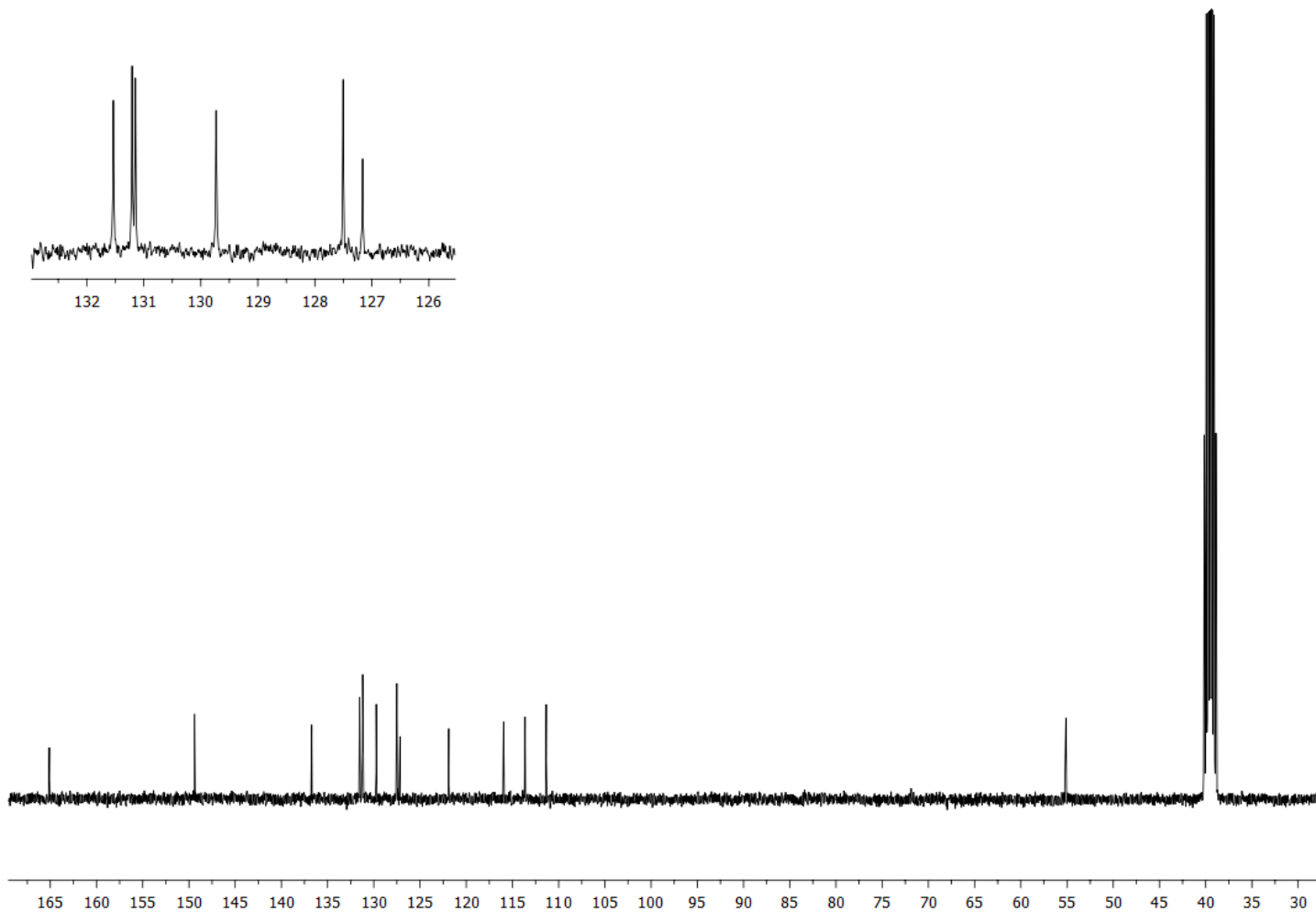
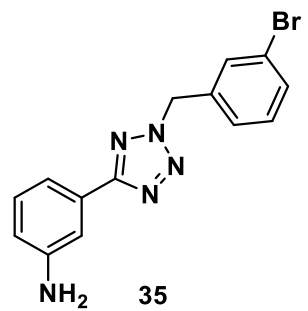


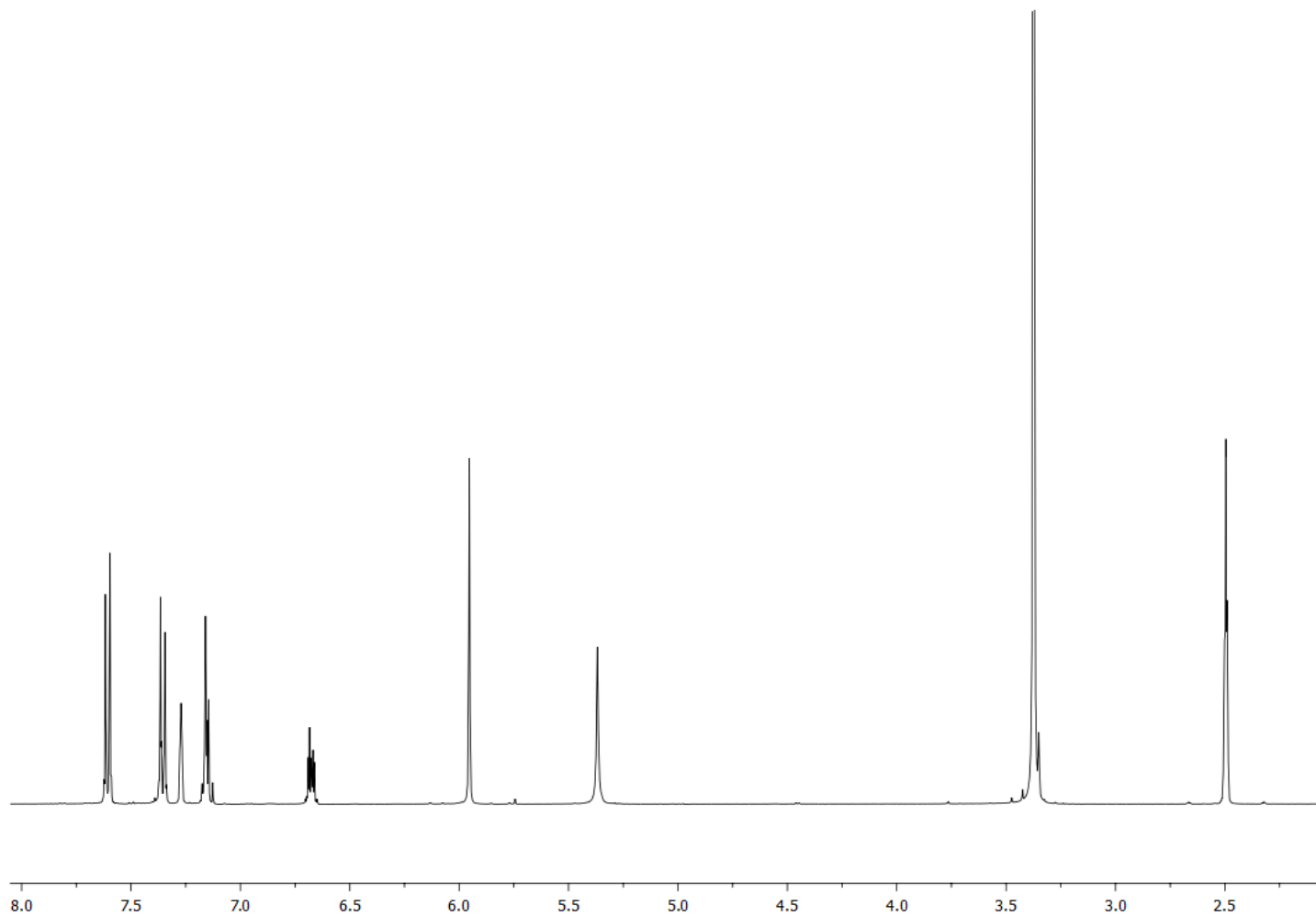
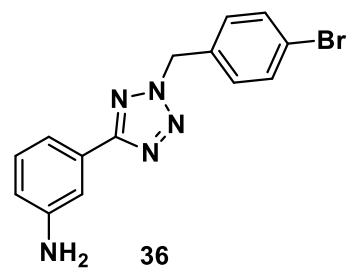


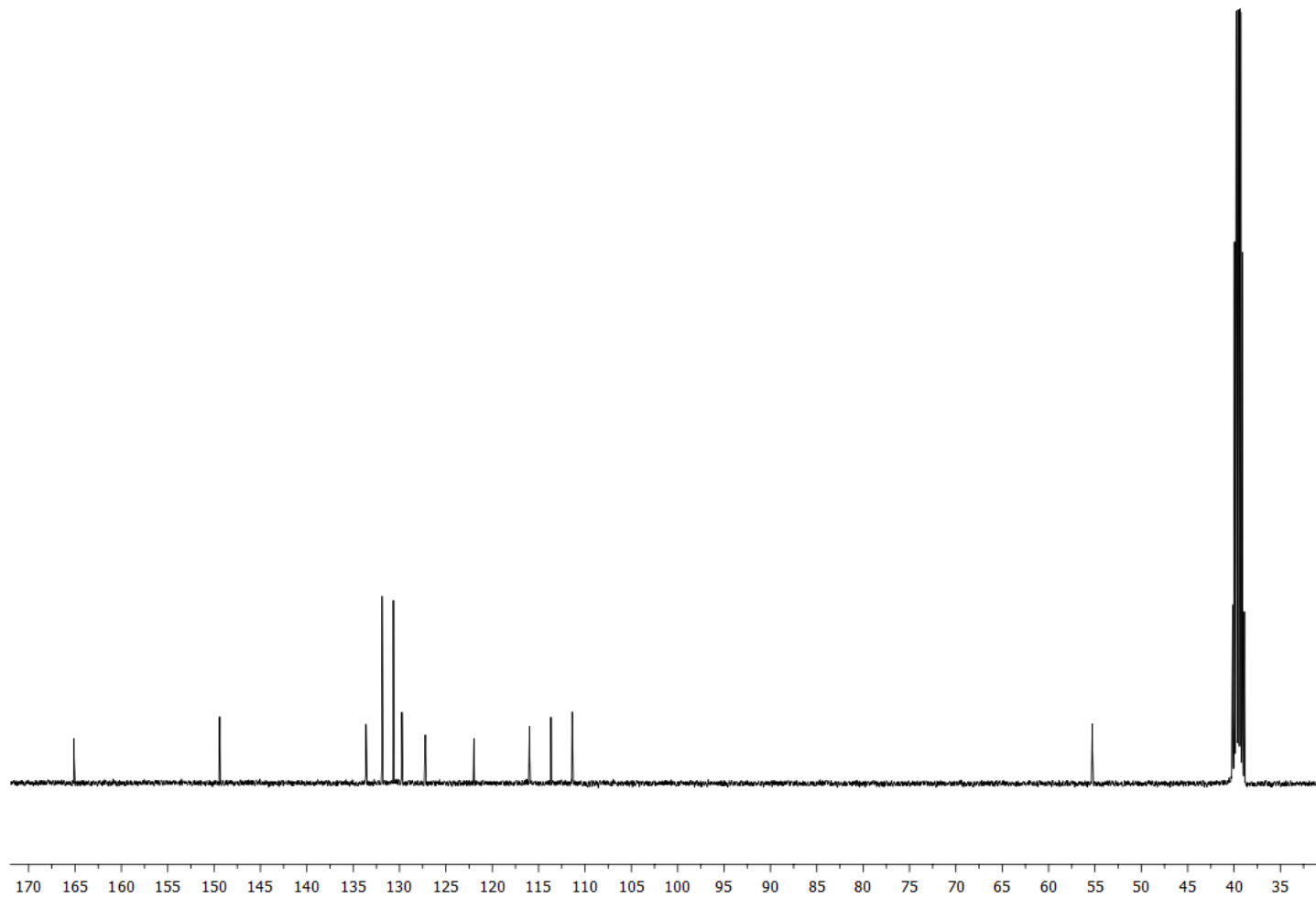
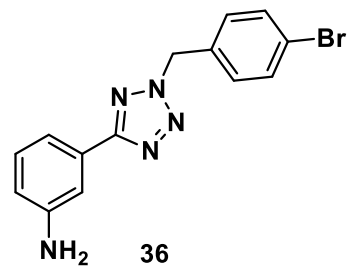


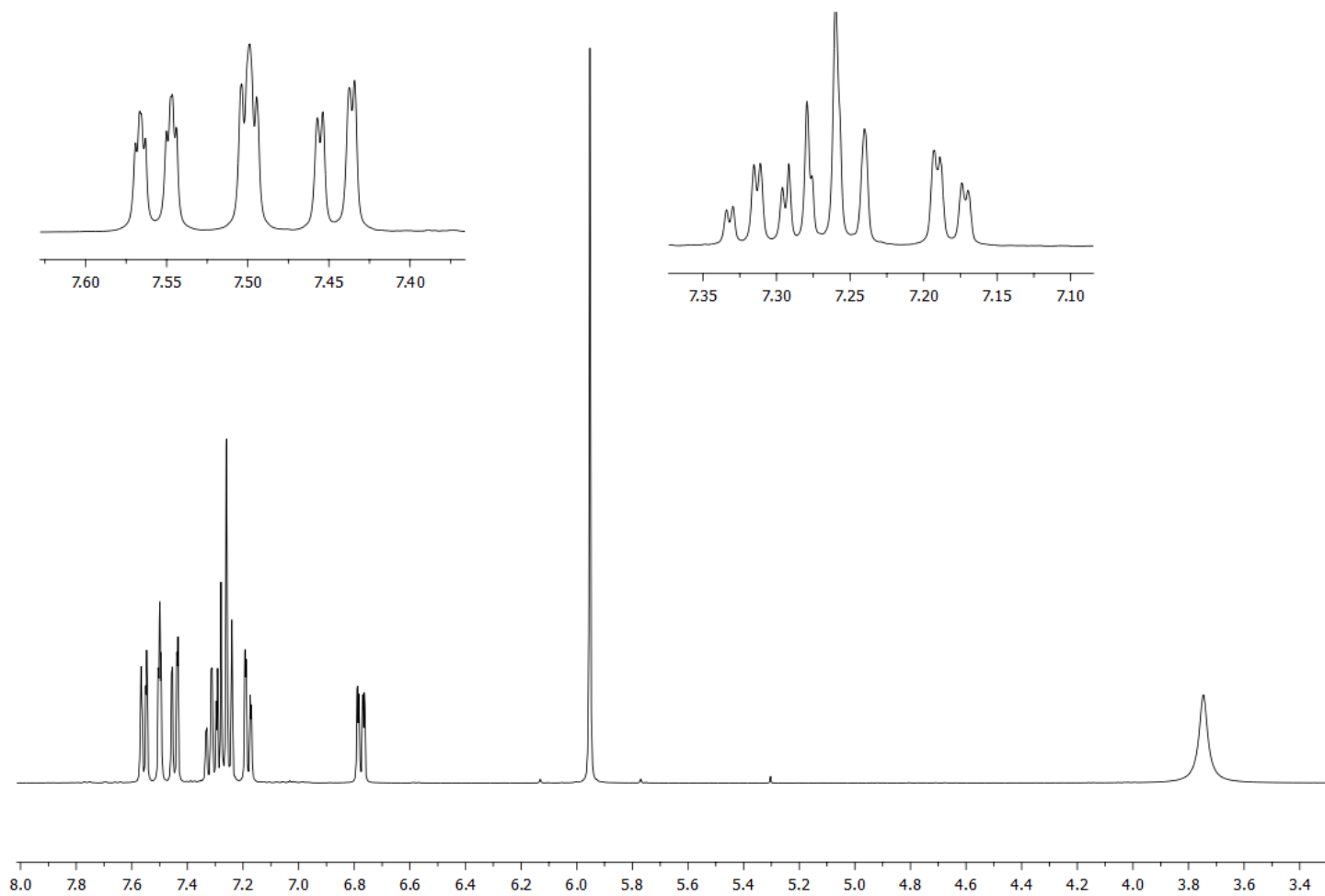
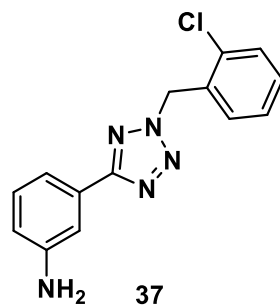


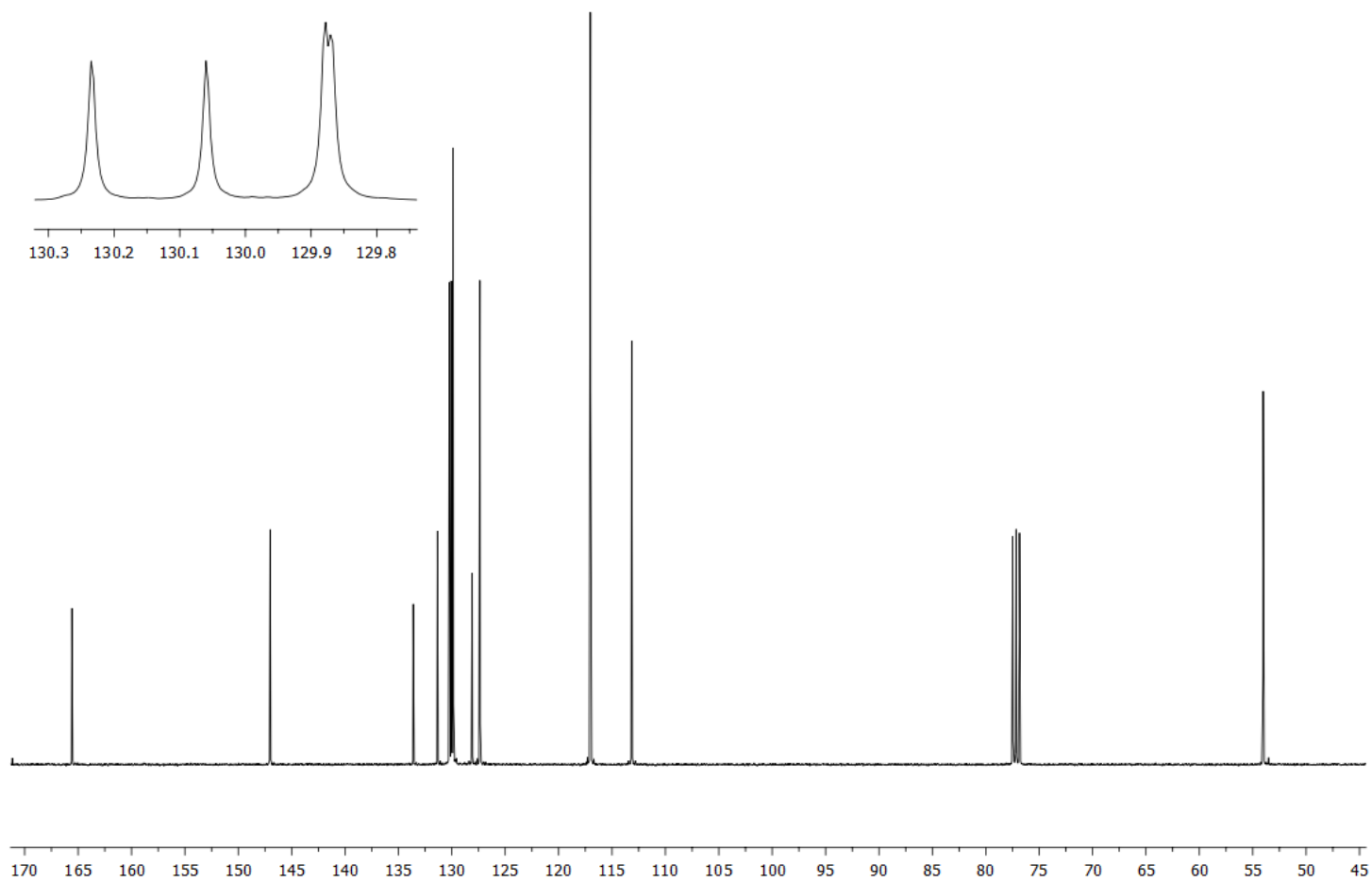
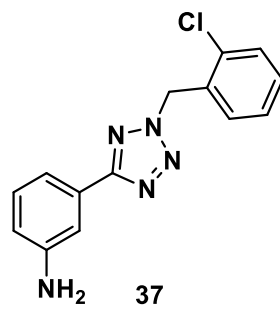


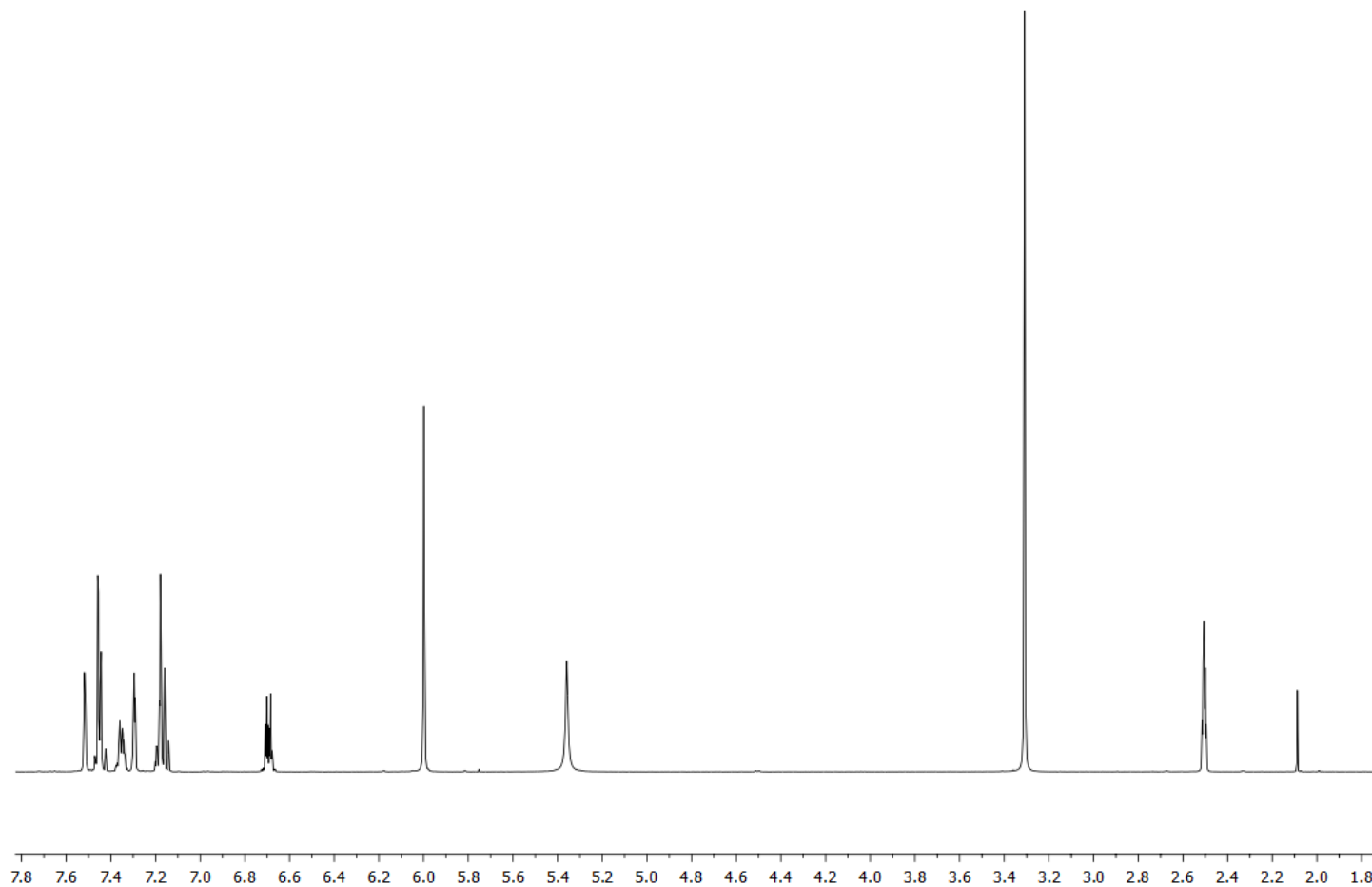
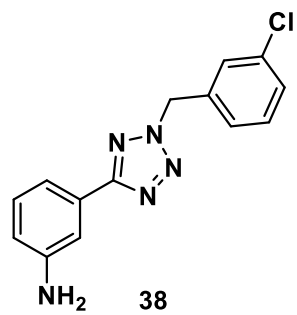


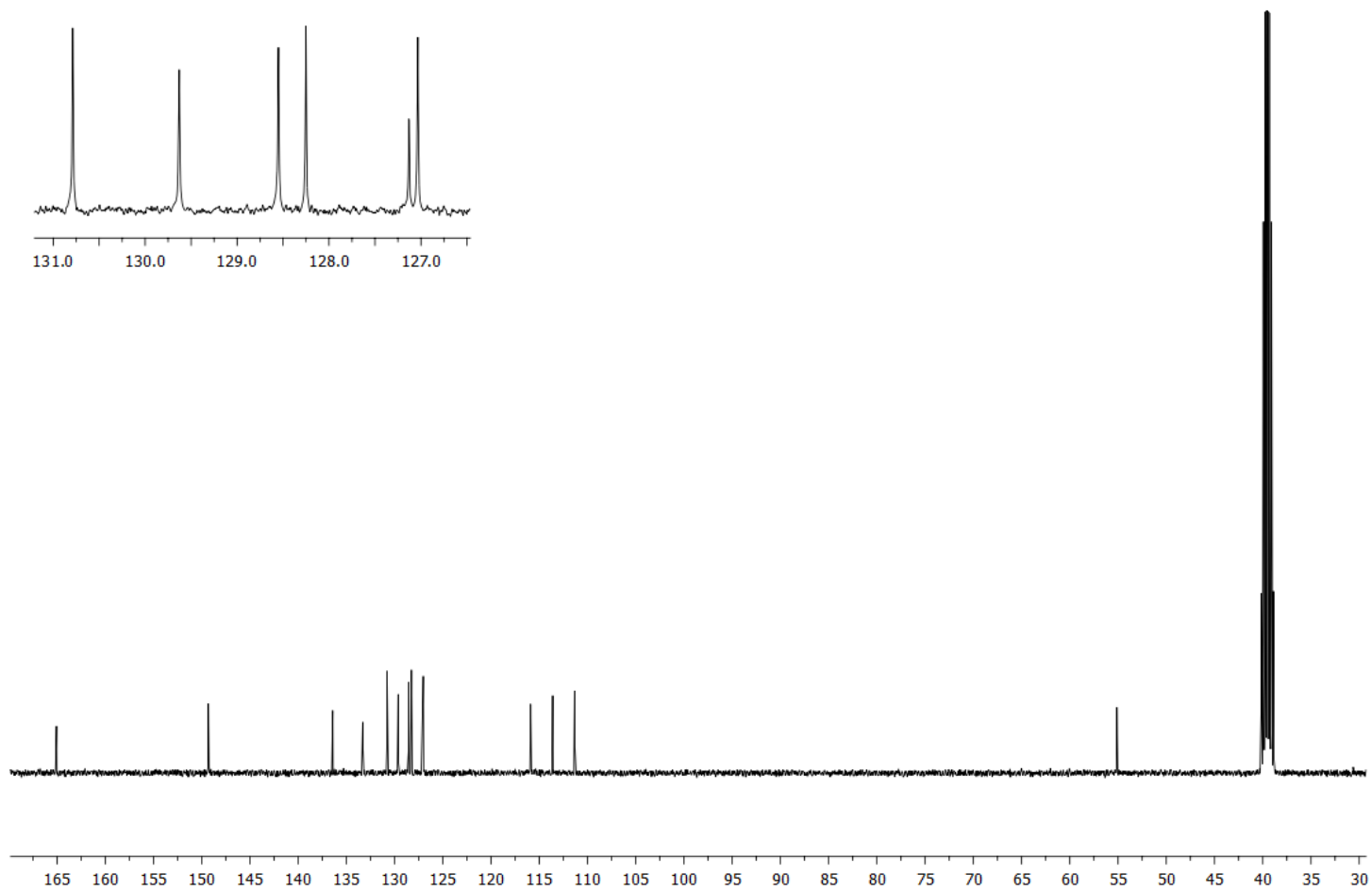
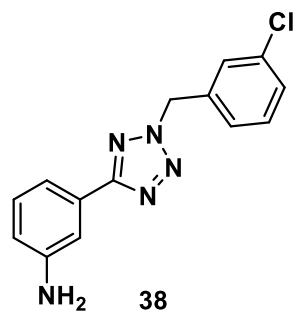


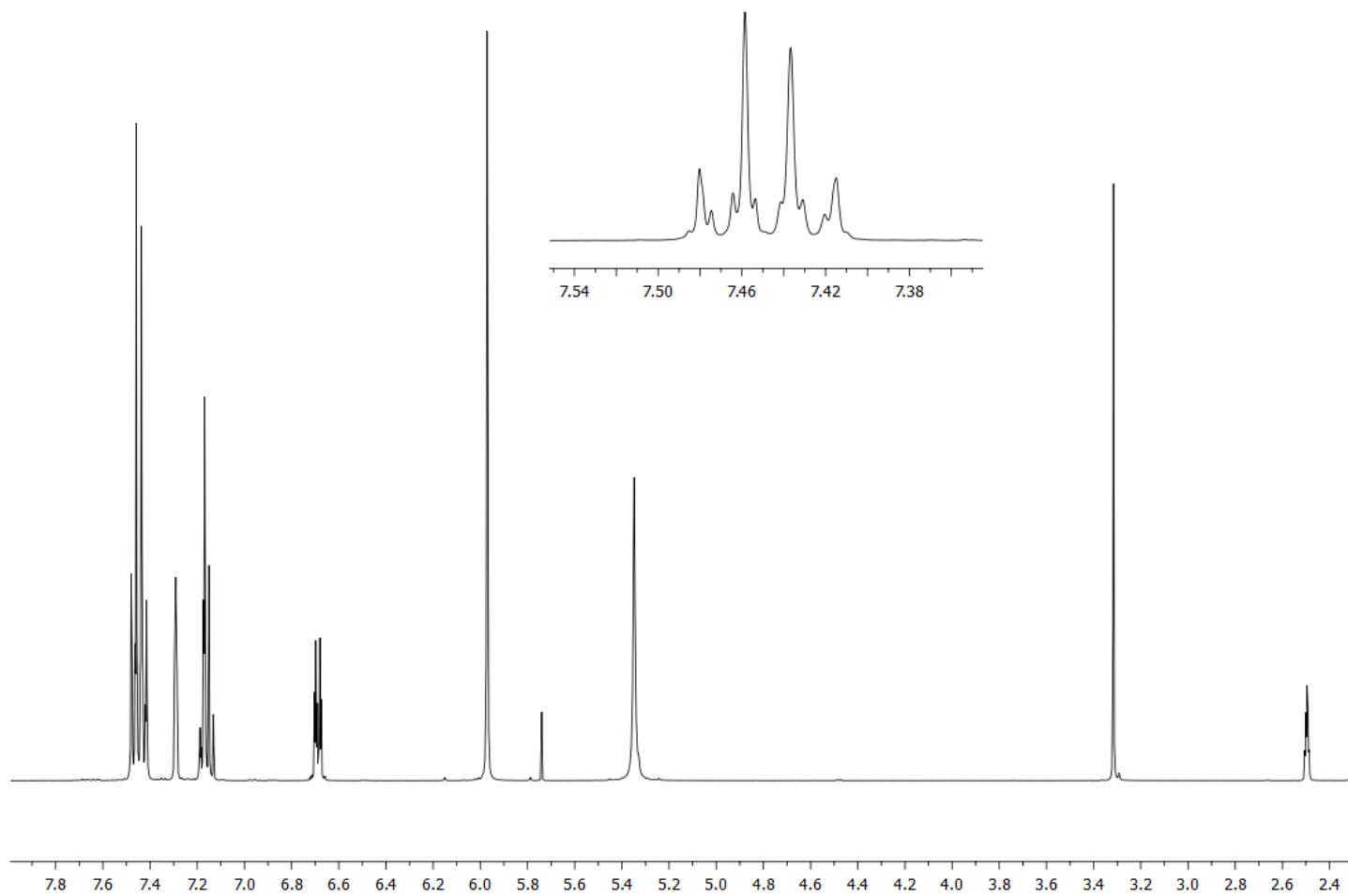
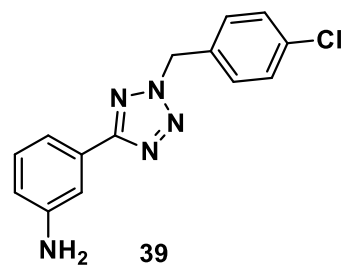




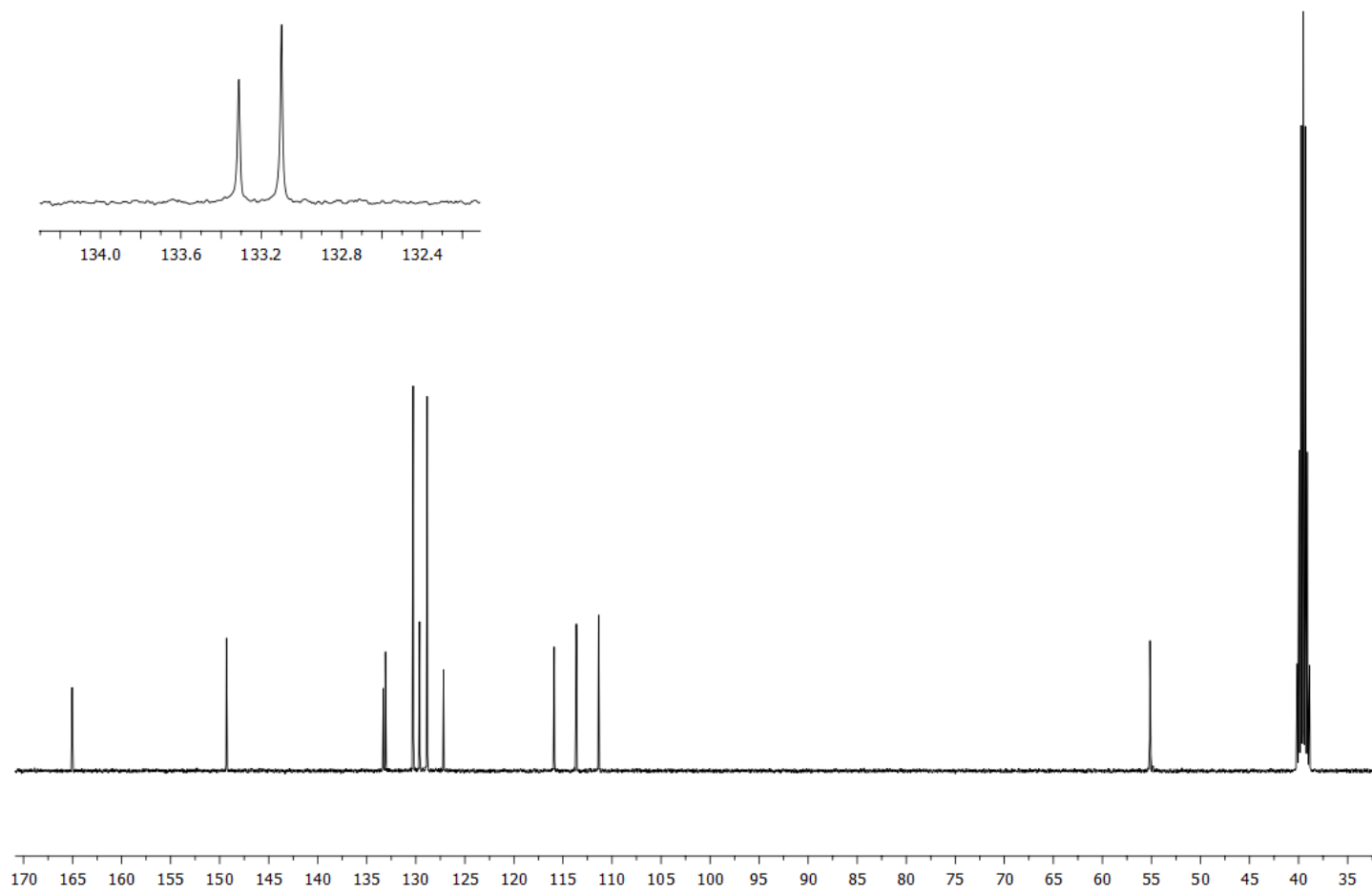
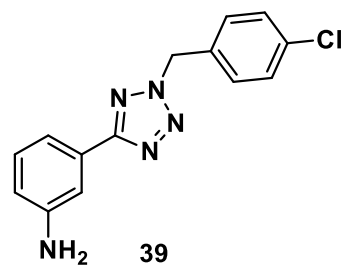




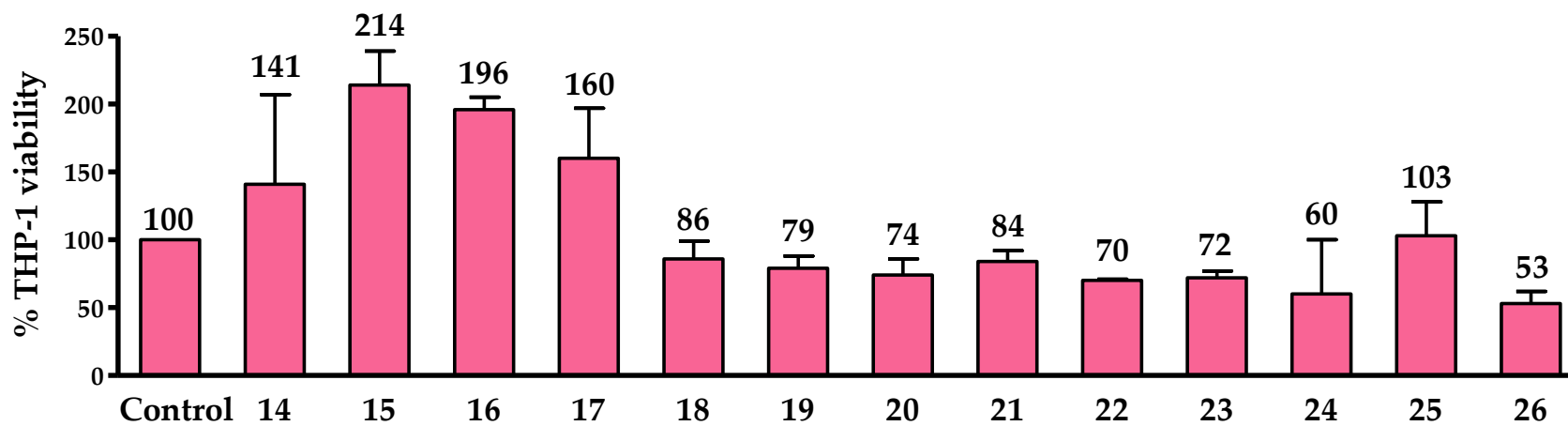
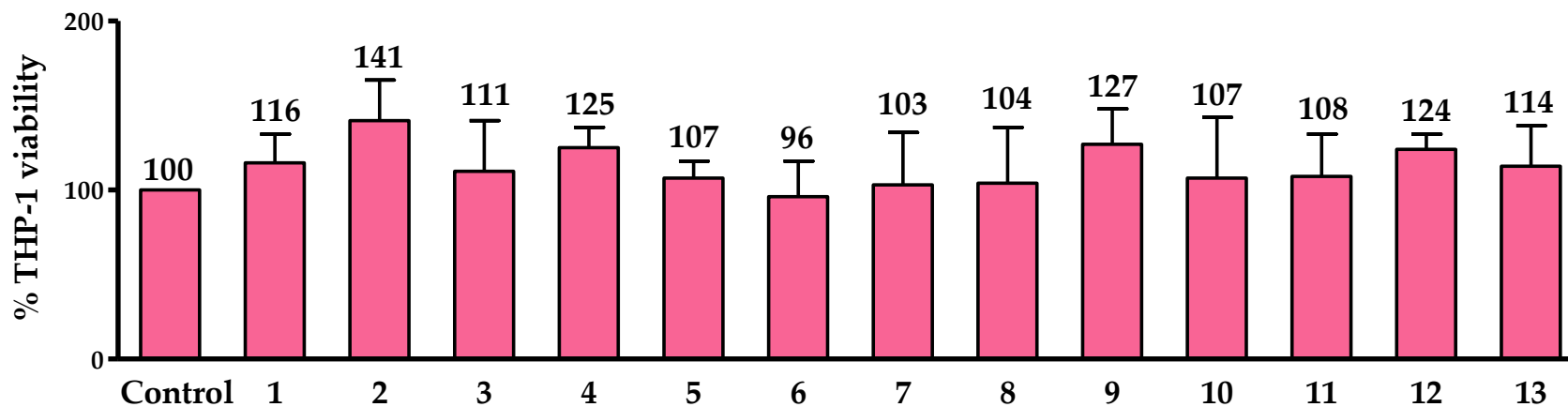








## Additional Figures and Tables



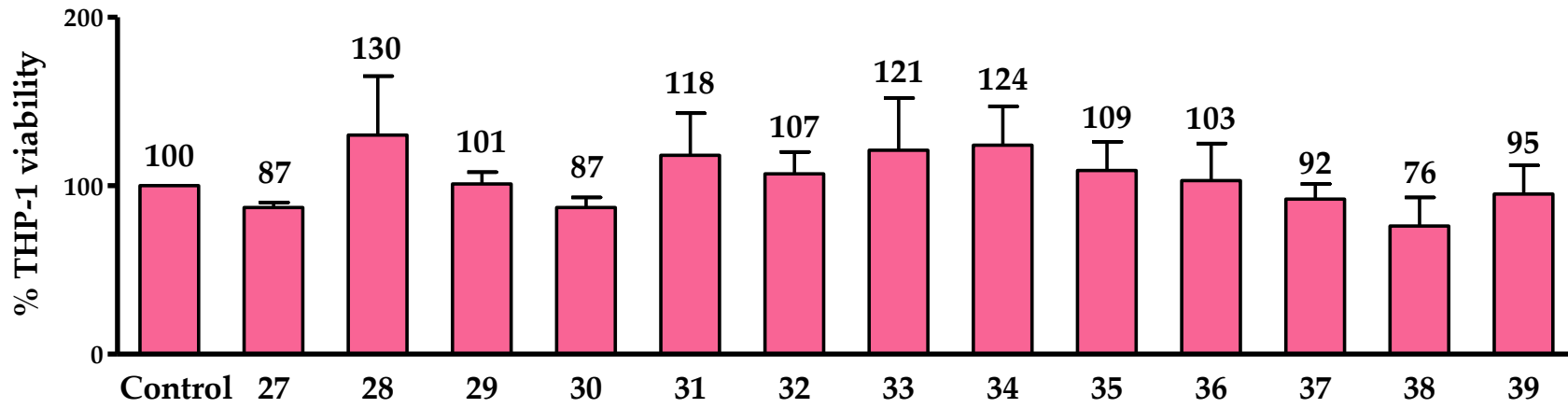


Figure 2S. THP-1 living cells (%) related to non-treated cells when HT-29 were co-cultured at 100  $\mu$ M.