

Supplementary Data

Discovery of Novel Pyridazine Based Cyclooxygenase-2 Inhibitors With Promising Gastric Safety Profile

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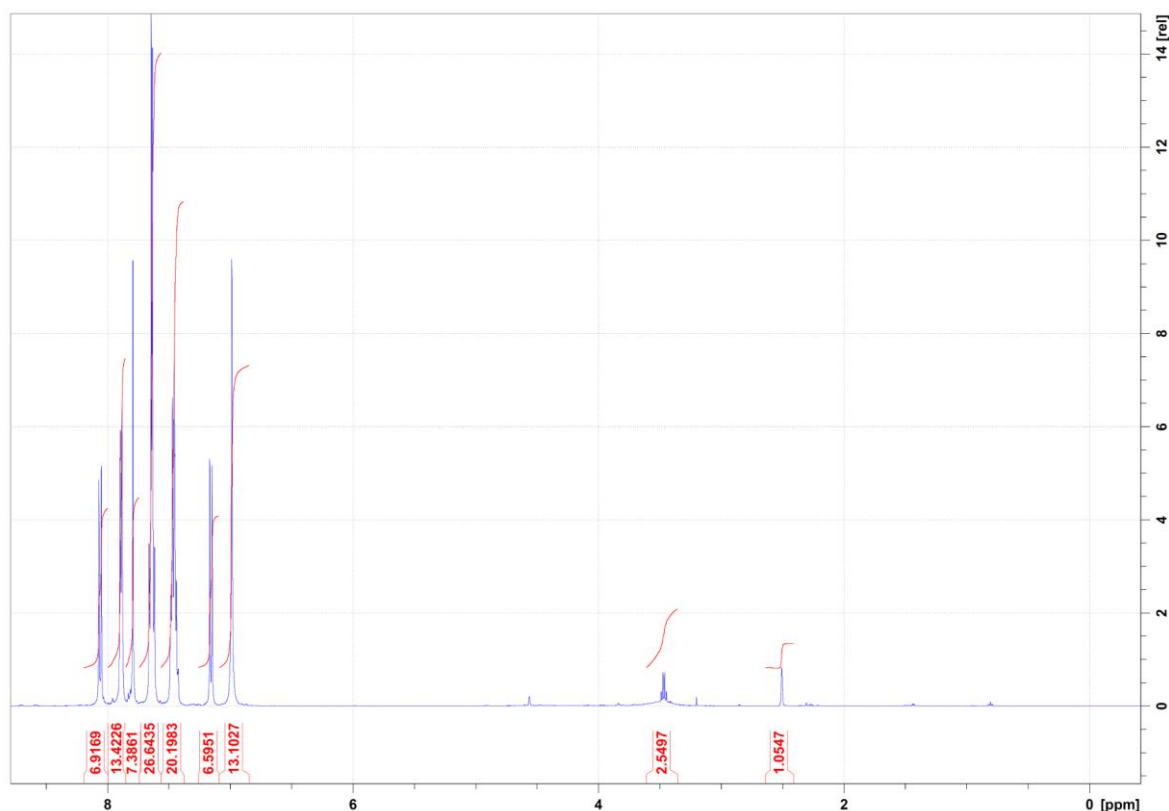
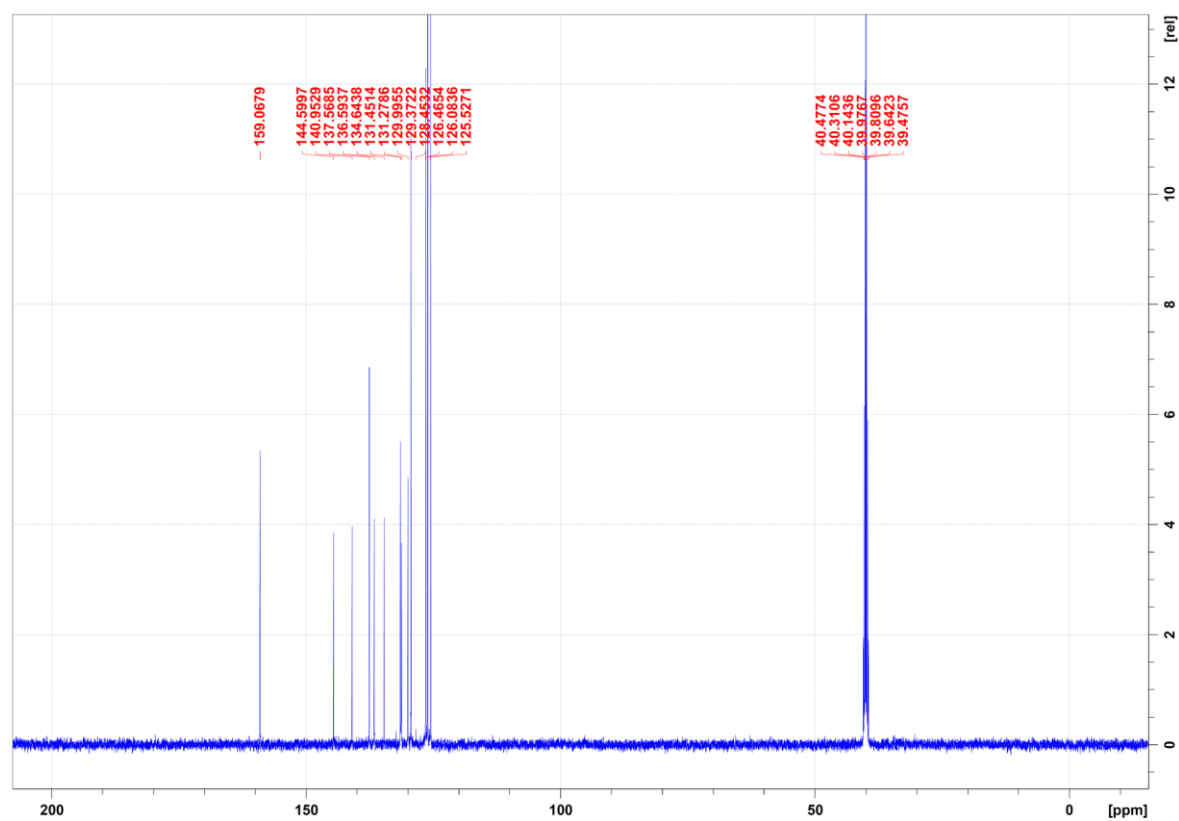
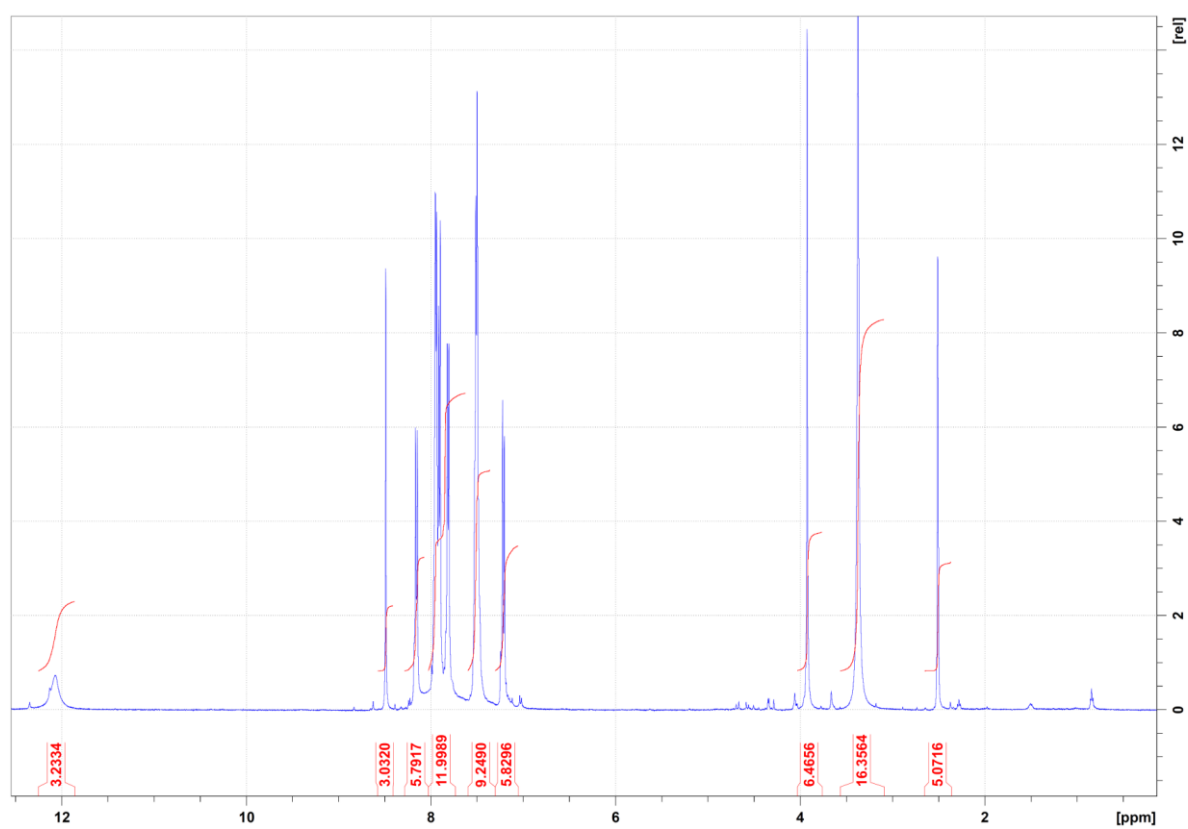


Figure 1. ¹H-NMR spectrum of Compound 4a.

Figure 2. ¹³C-NMR spectrum of Compound 4a.Figure 3. ¹H-NMR spectrum of Compound 6a.

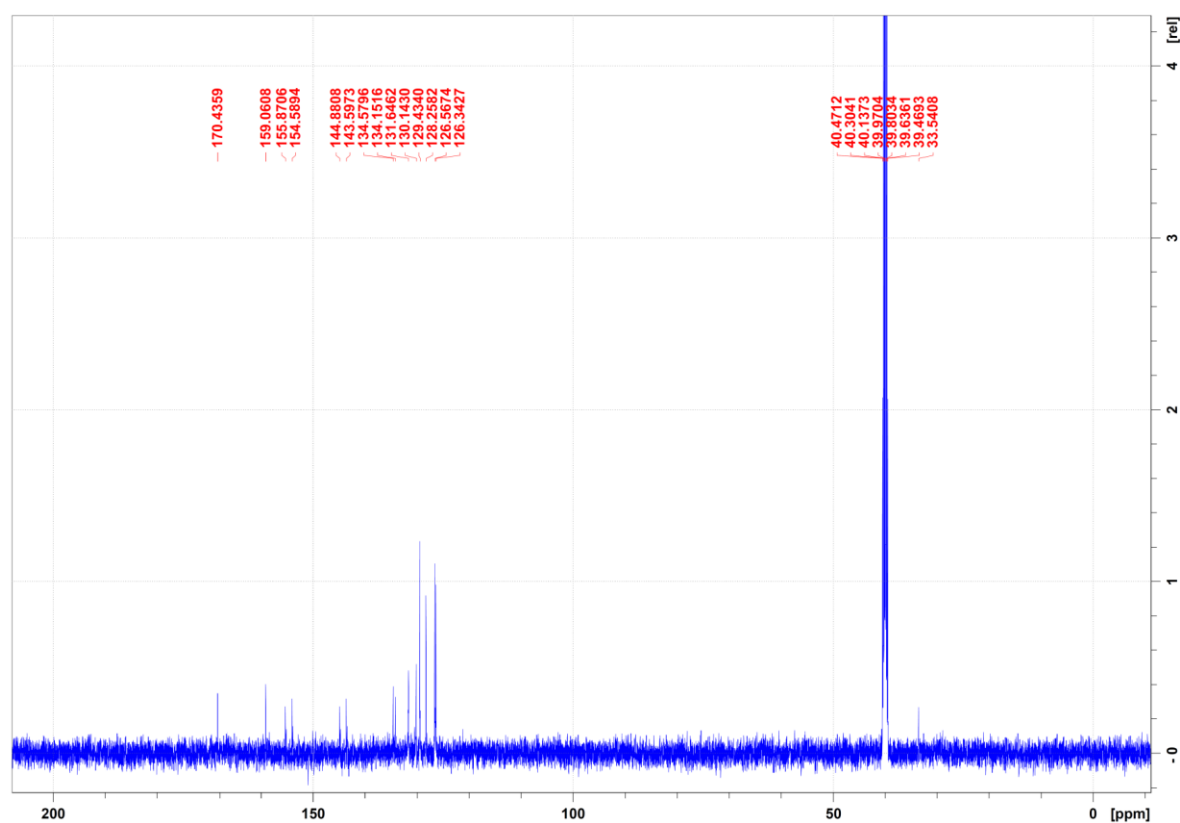


Figure 4. ^{13}C -NMR spectrum of Compound 6a.

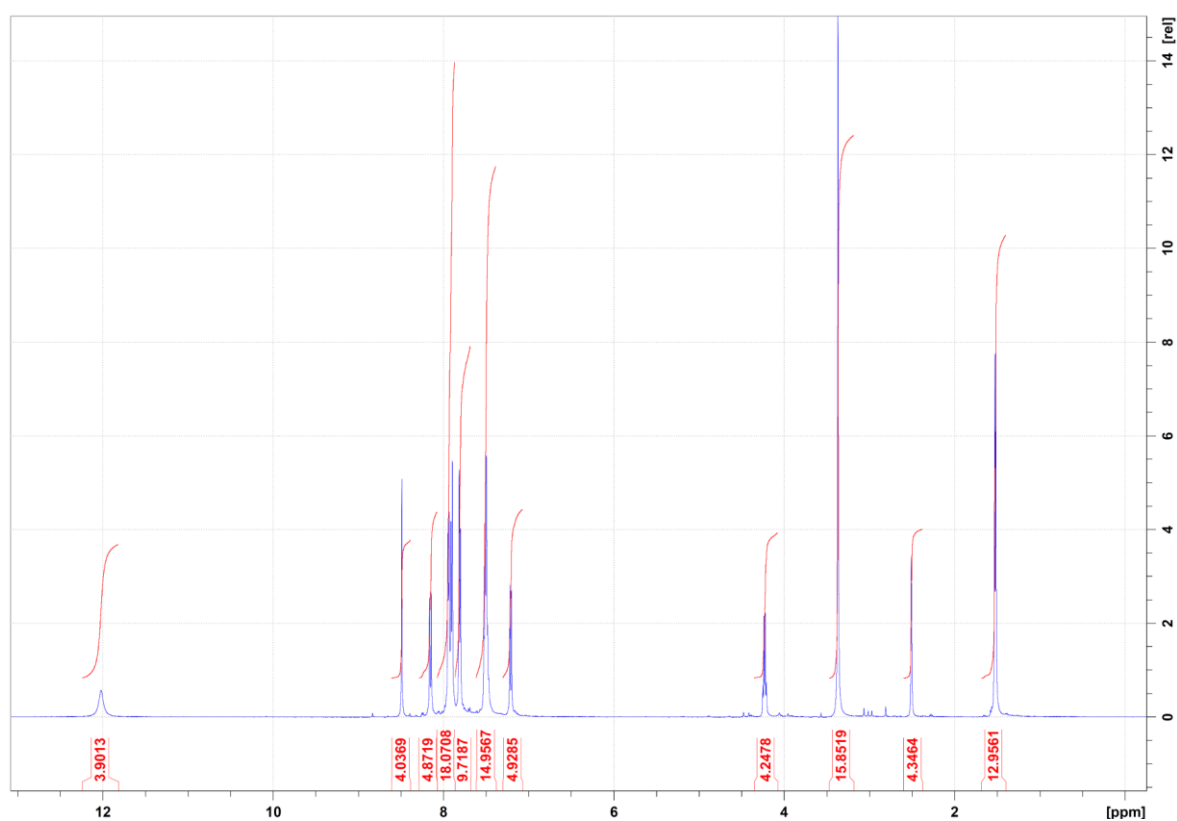
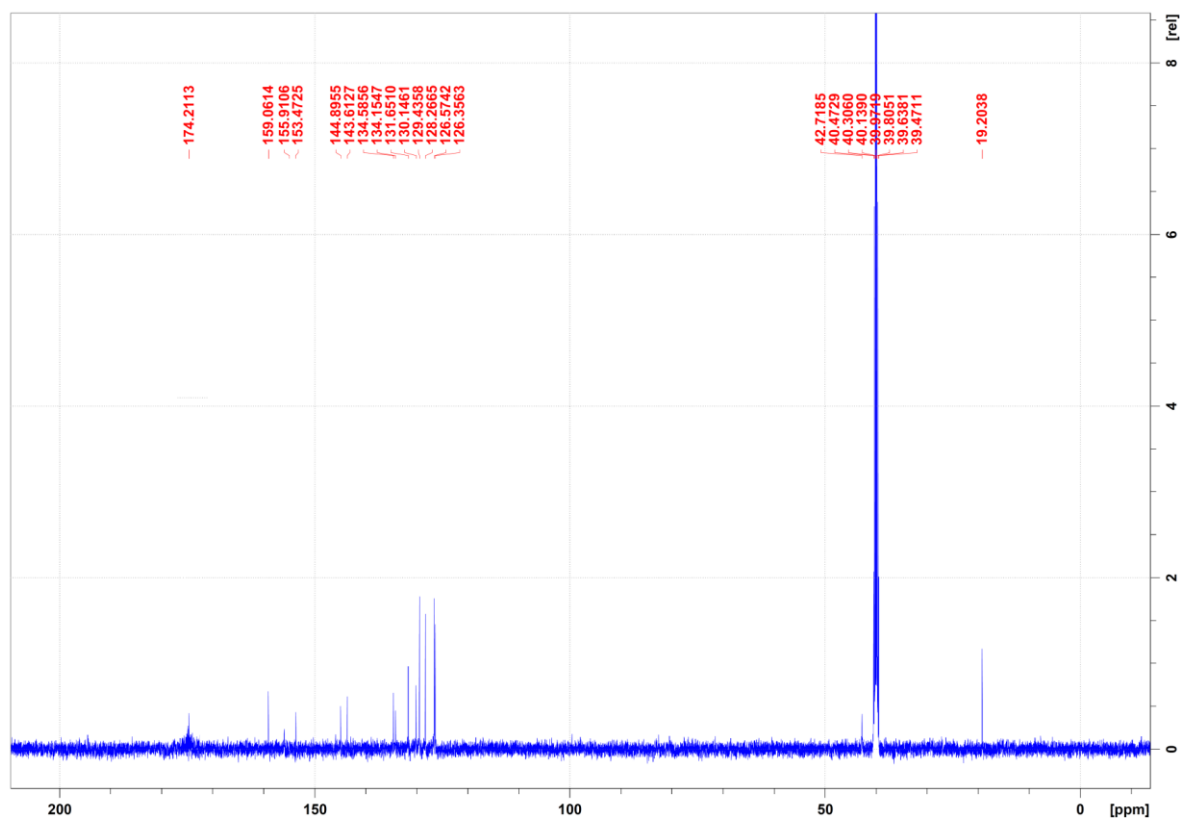
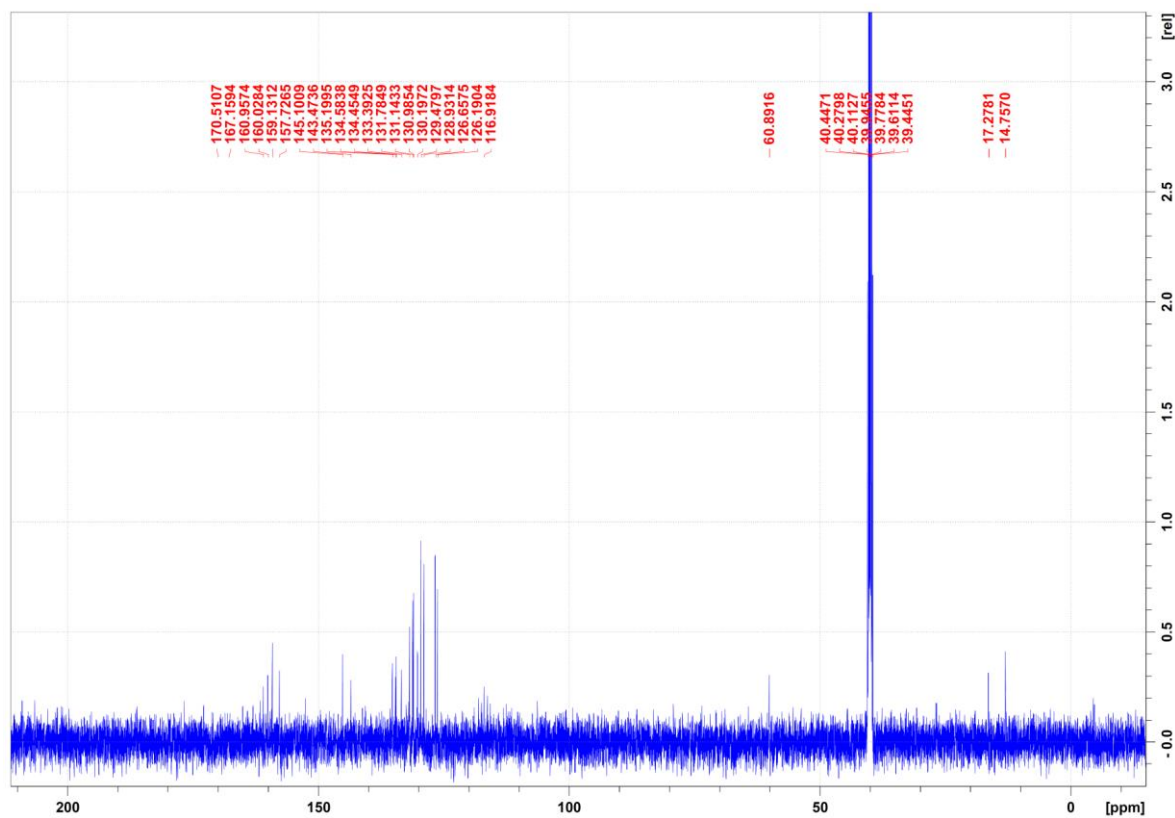
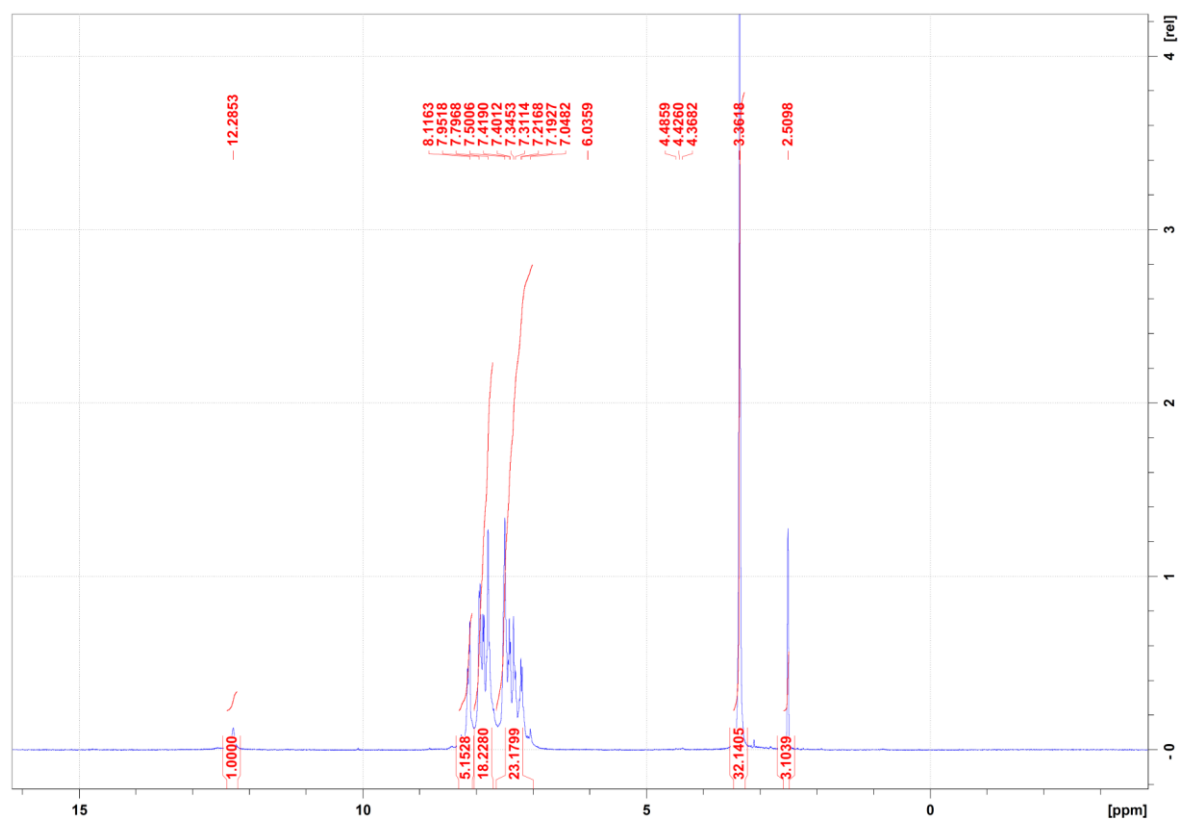
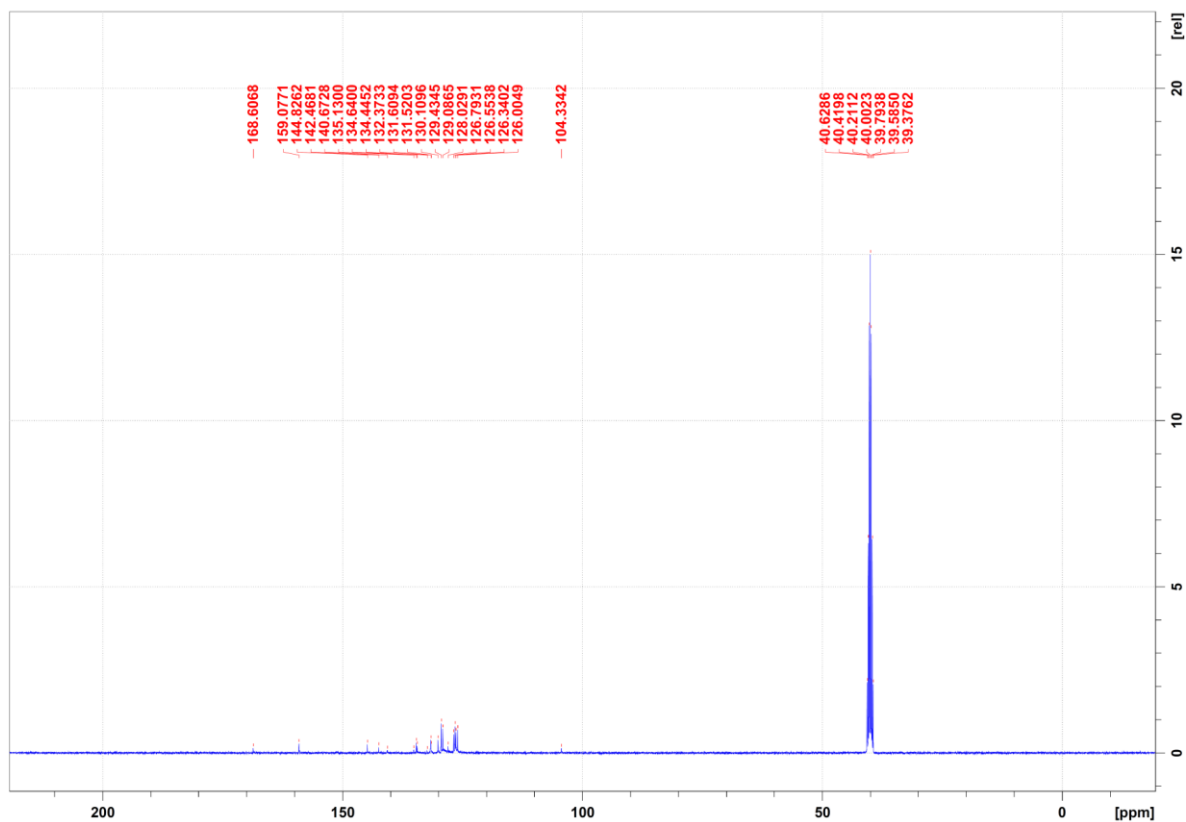
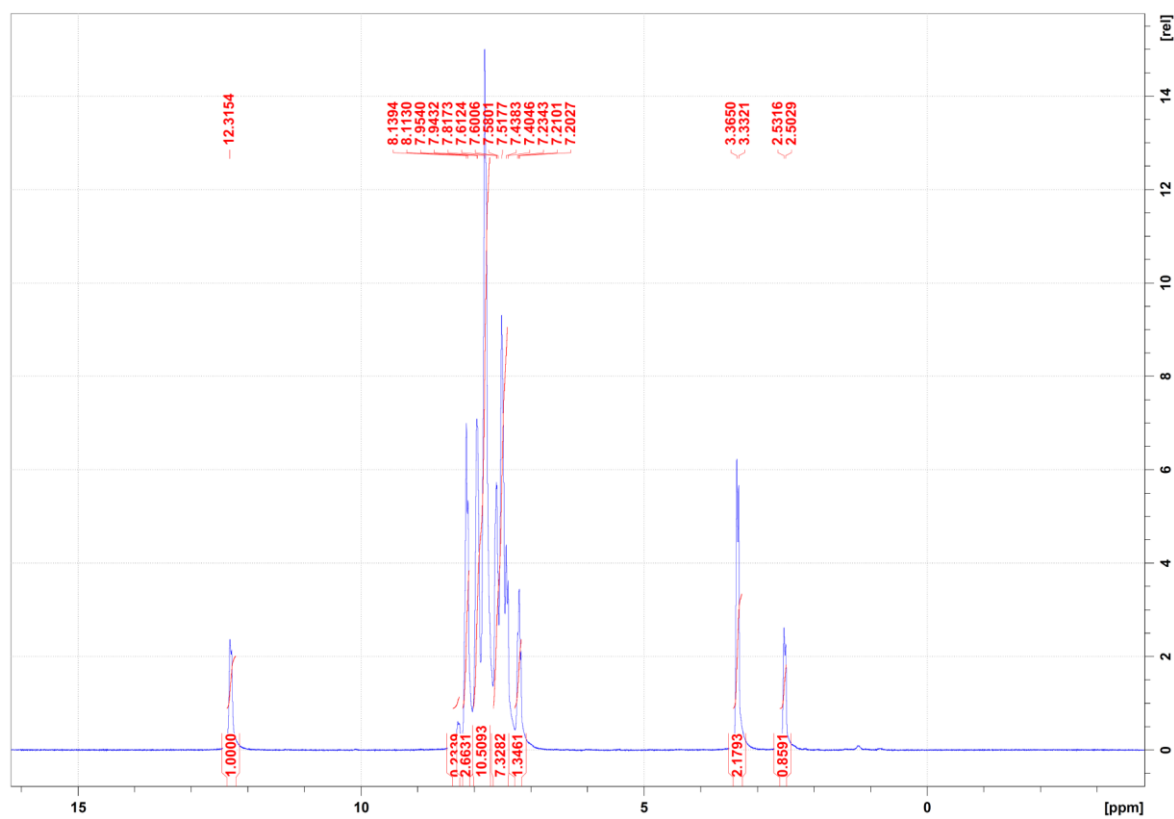


Figure 5. ^1H -NMR spectrum of Compound 6b.

Figure 6. ¹³C-NMR spectrum of Compound 6b.Figure 7. ¹H-NMR spectrum of Compound 8.

Figure 8. ¹³C-NMR spectrum of Compound 8.Figure 9. ¹H-NMR spectrum of Compound 9a.

Figure 10. ¹³C-NMR spectrum of Compound 9a.Figure 11. ¹H-NMR spectrum of Compound 9b.

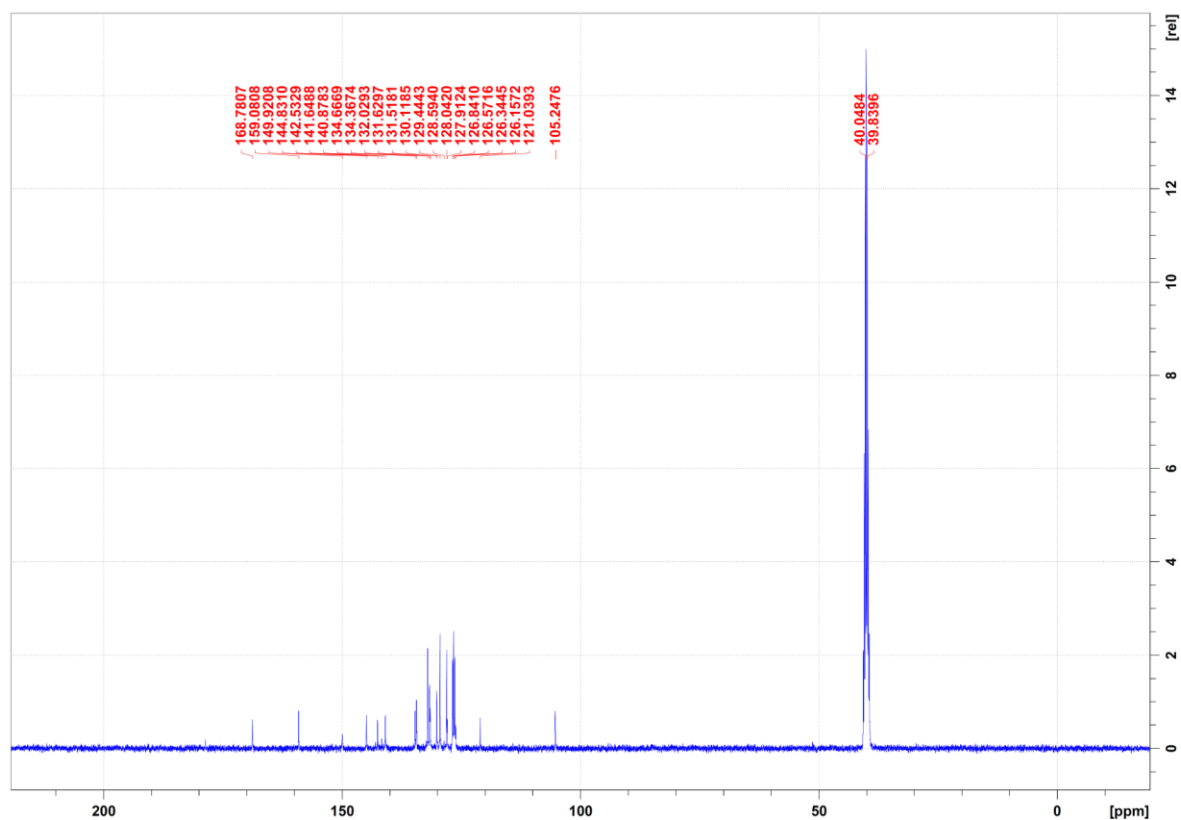


Figure 12. ^{13}C -NMR spectrum of Compound 9b.

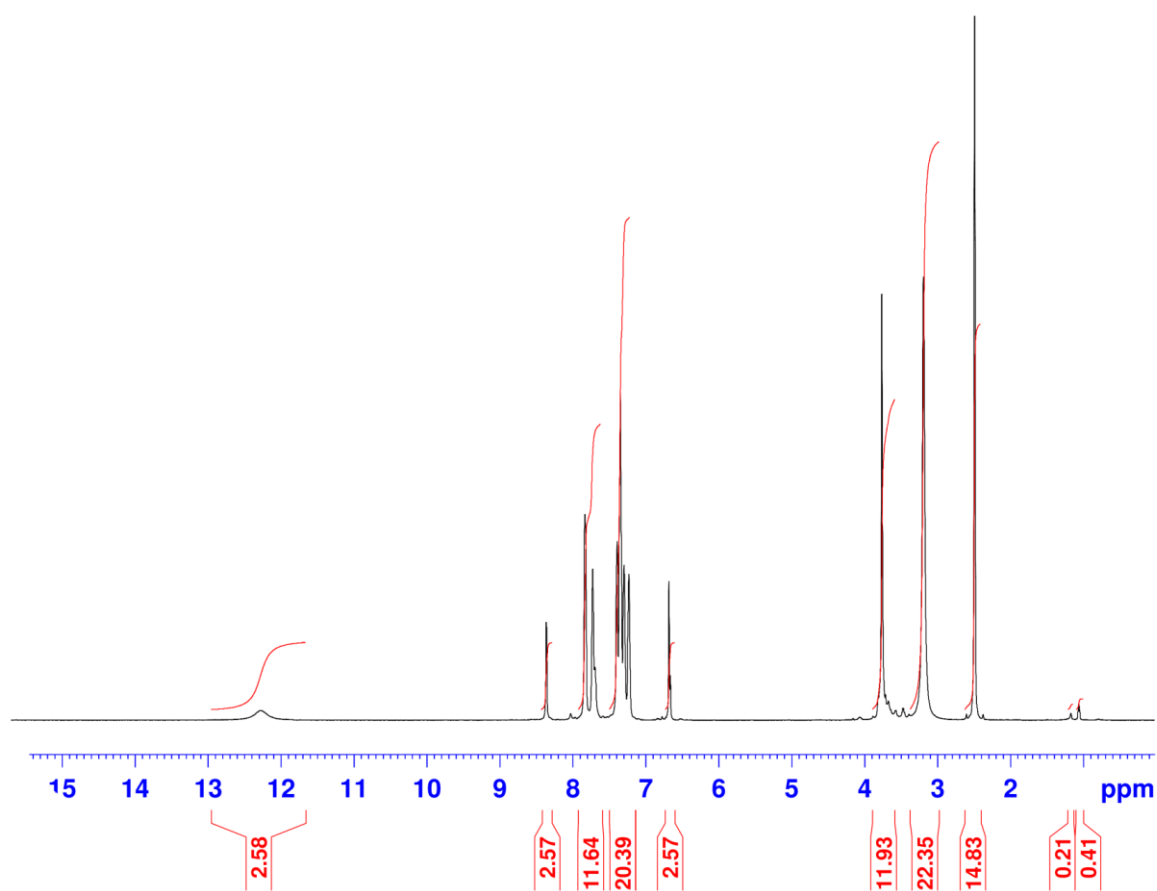
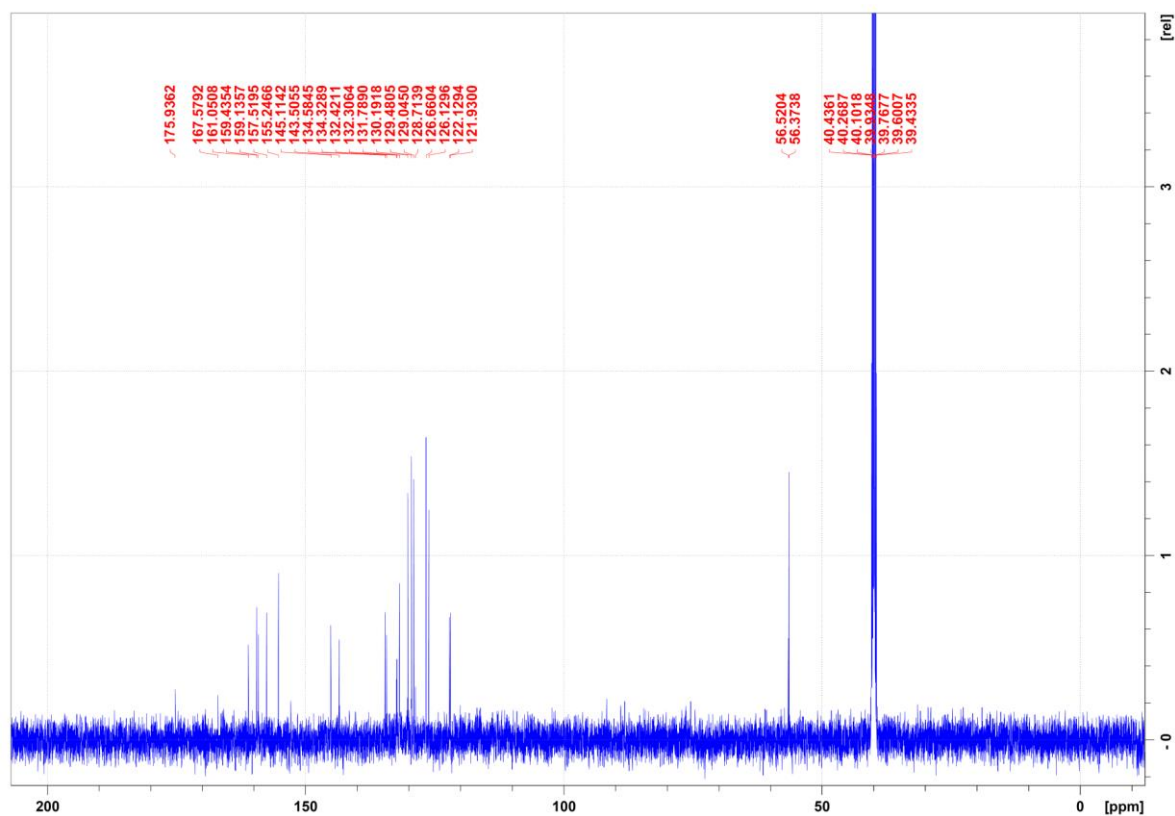
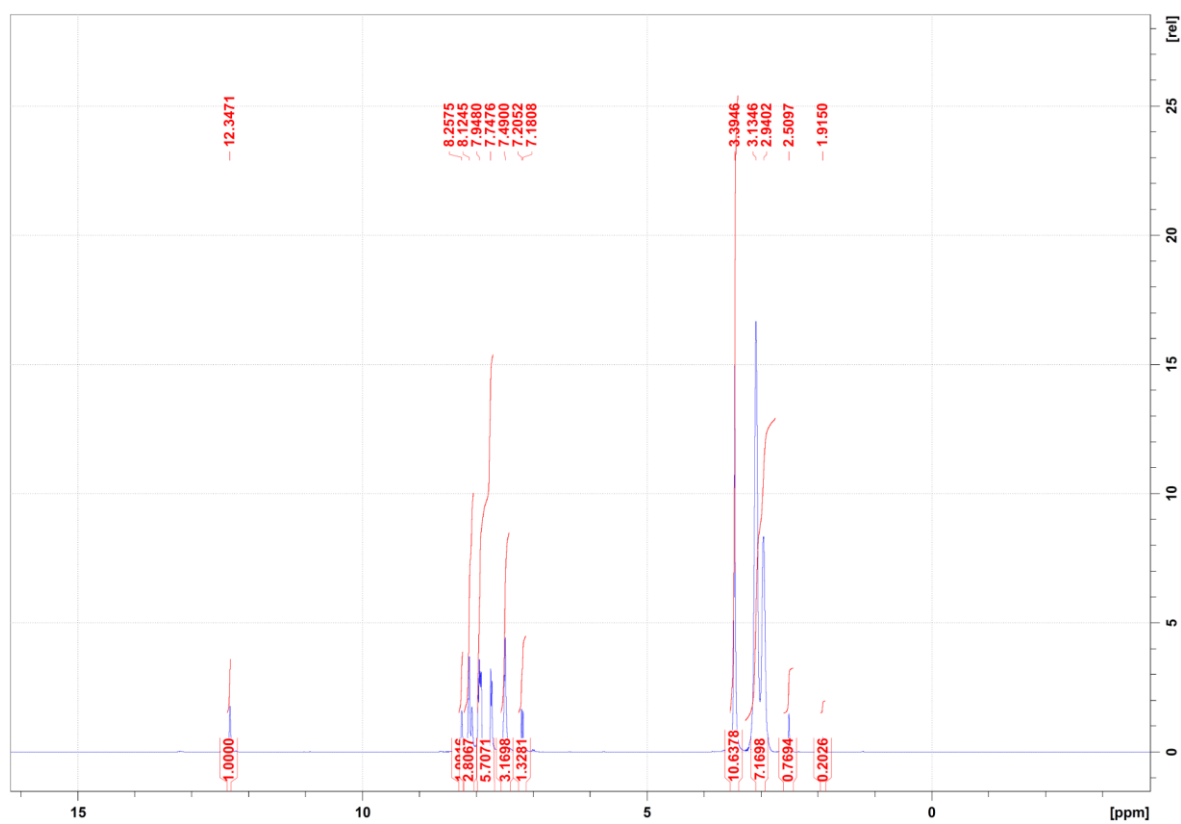
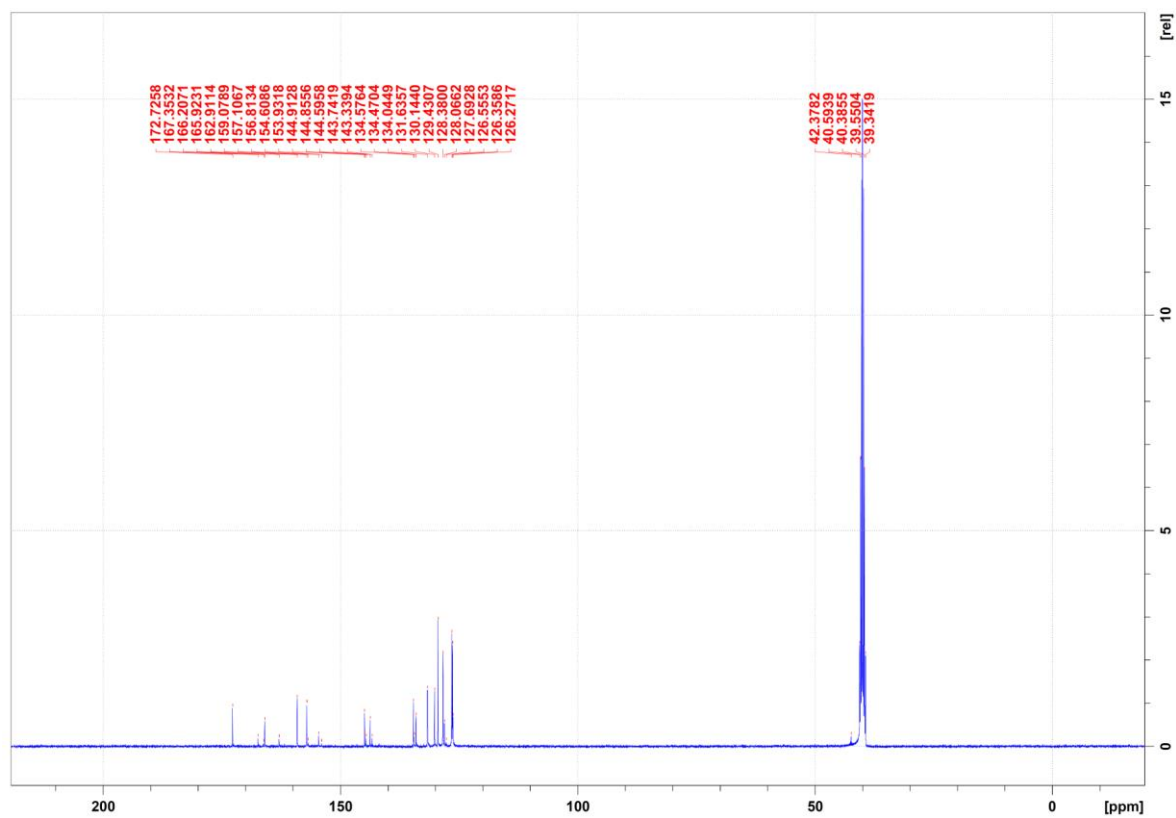
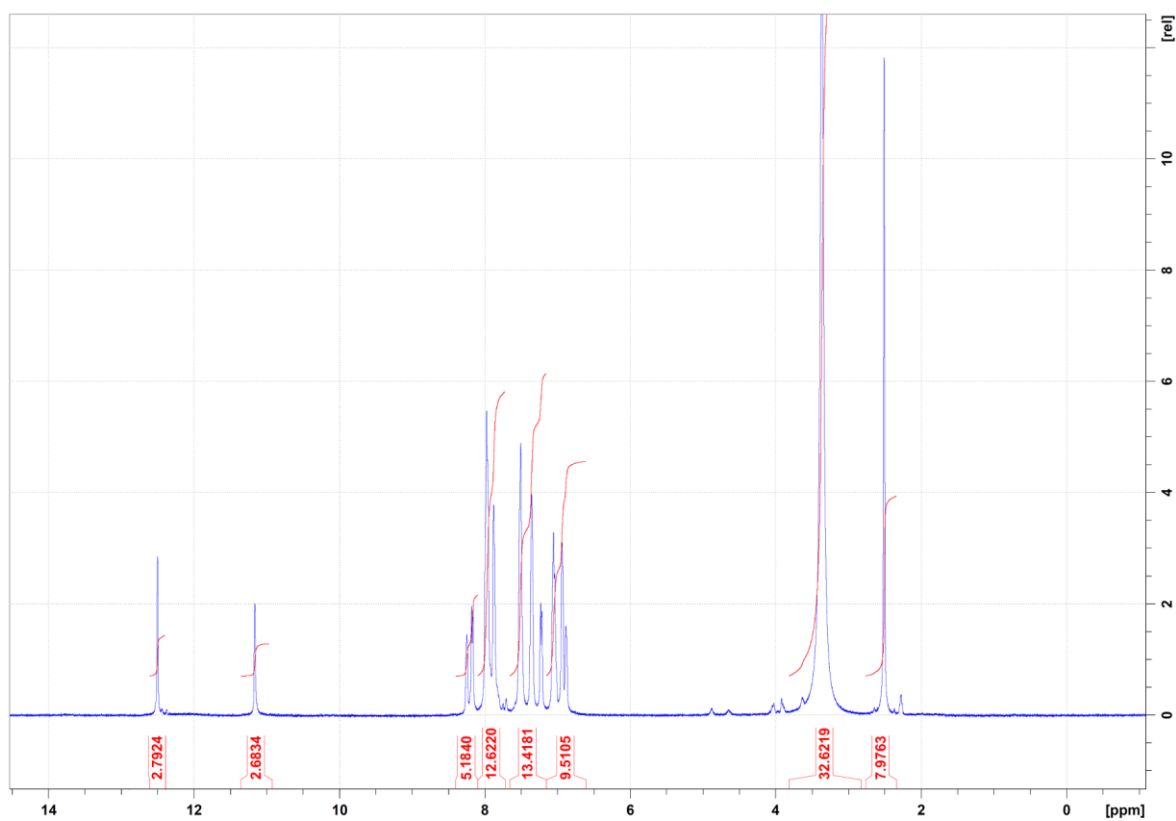
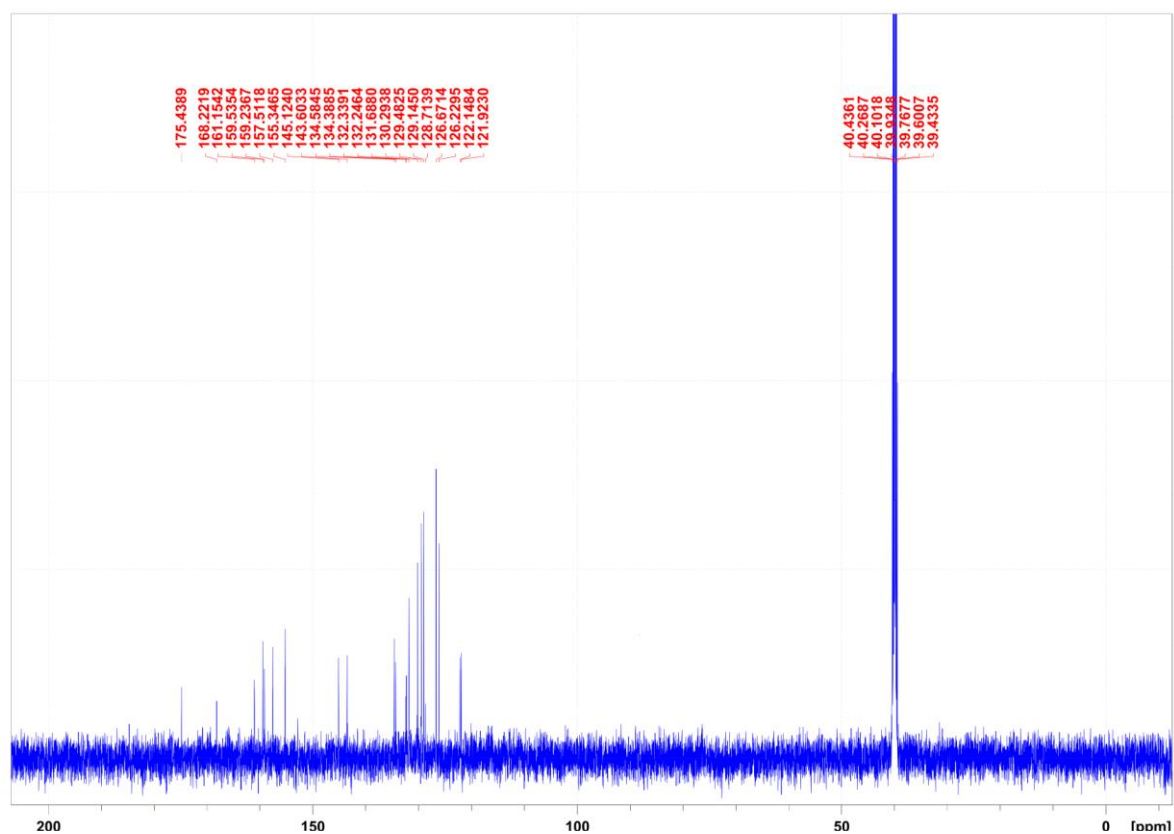
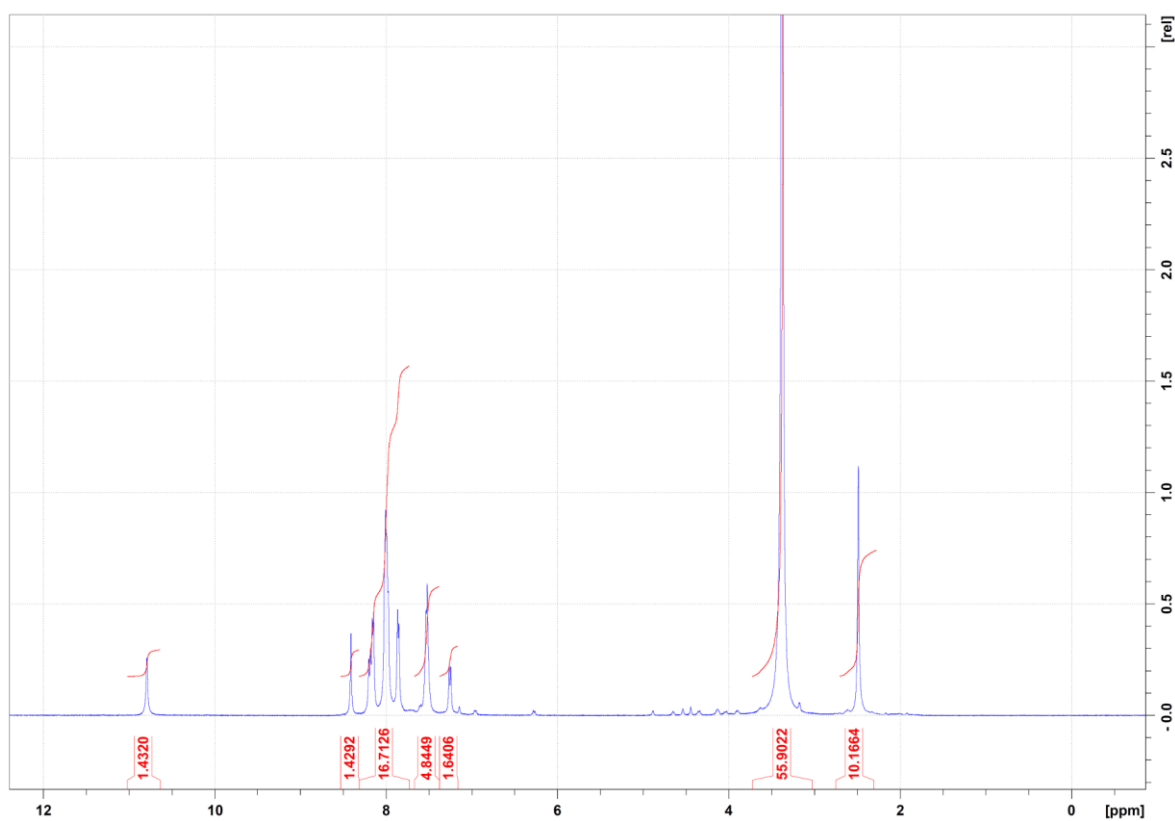


Figure 13. ^1H -NMR spectrum of Compound 10.

Figure 14. ¹³C-NMR spectrum of Compound 10.Figure 15. ¹H-NMR spectrum of Compound 11.

Figure 16. ¹³C-NMR spectrum of Compound 11.Figure 17. ¹H-NMR spectrum of Compound 12.

Figure 18. ^{13}C -NMR spectrum of Compound 12.Figure 19. ^1H -NMR spectrum of Compound 16a.

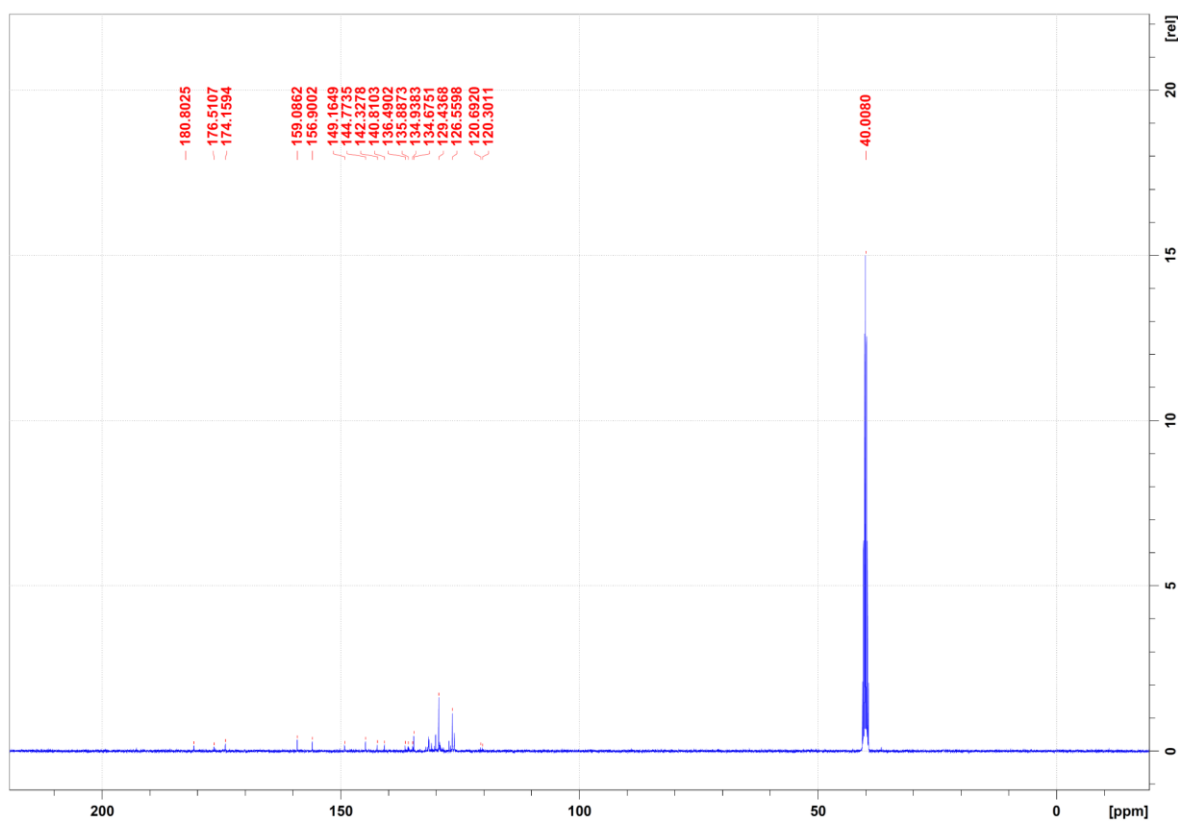


Figure 20. ¹³C-NMR spectrum of Compound 16a.

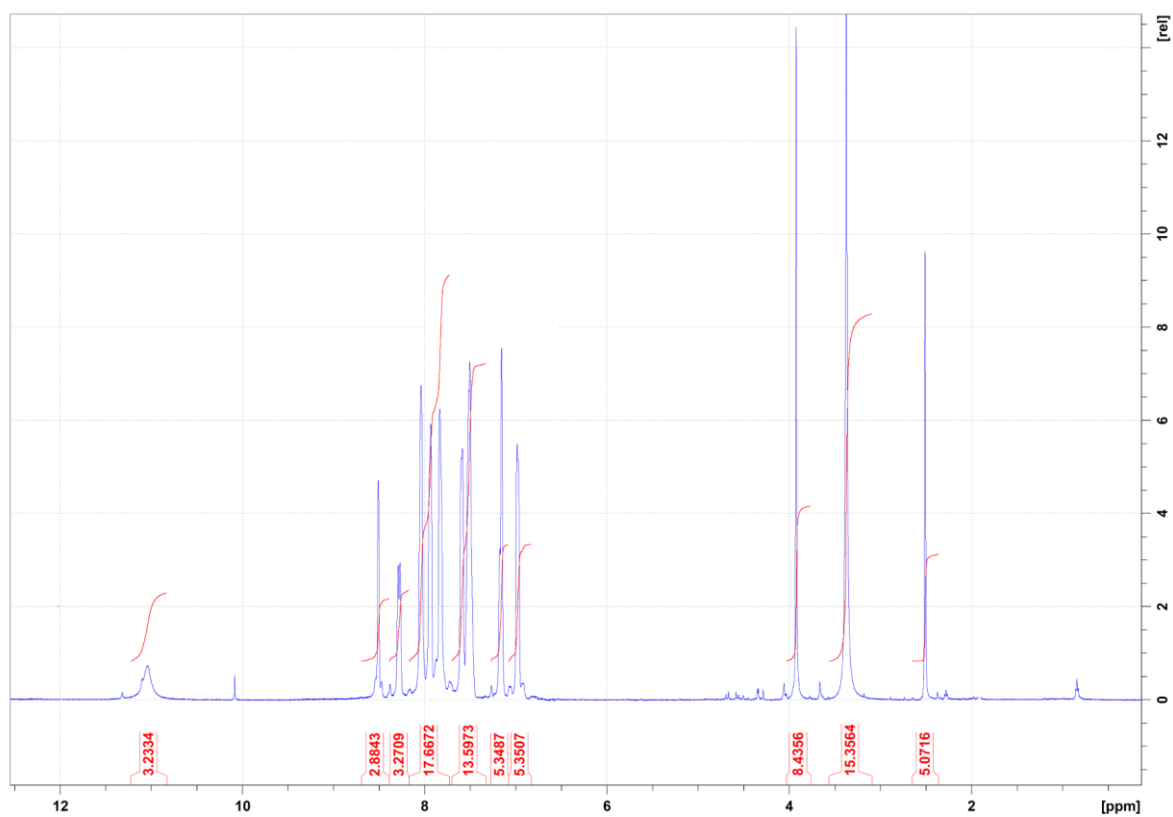


Figure 21. ¹H-NMR spectrum of Compound 16b.

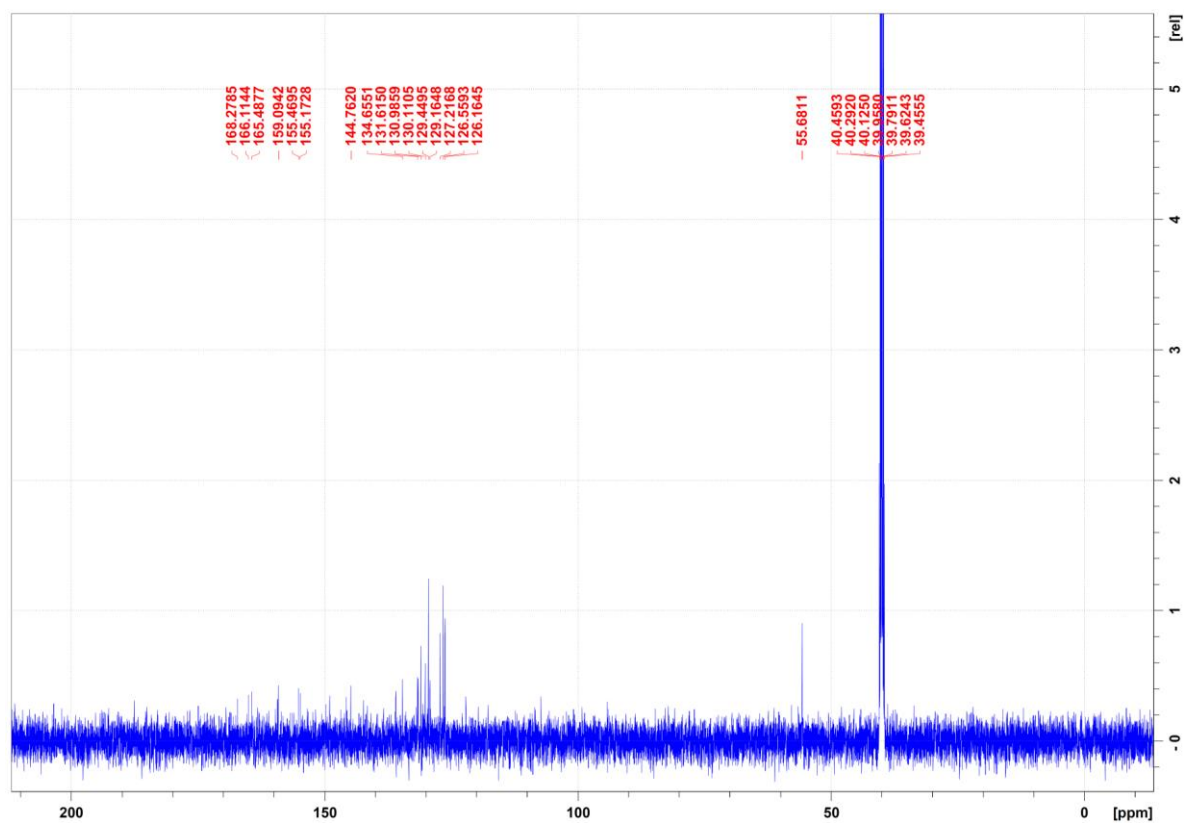


Figure 22. ¹³C-NMR spectrum of Compound 16b.

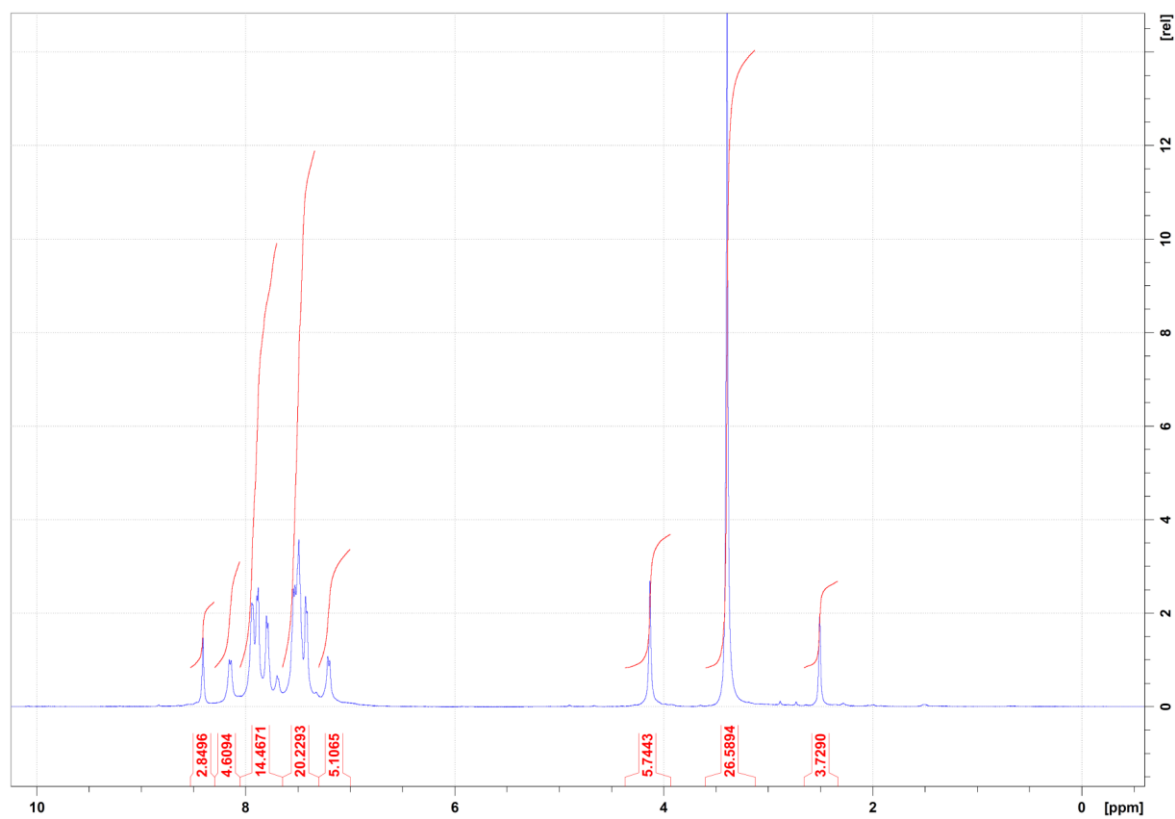
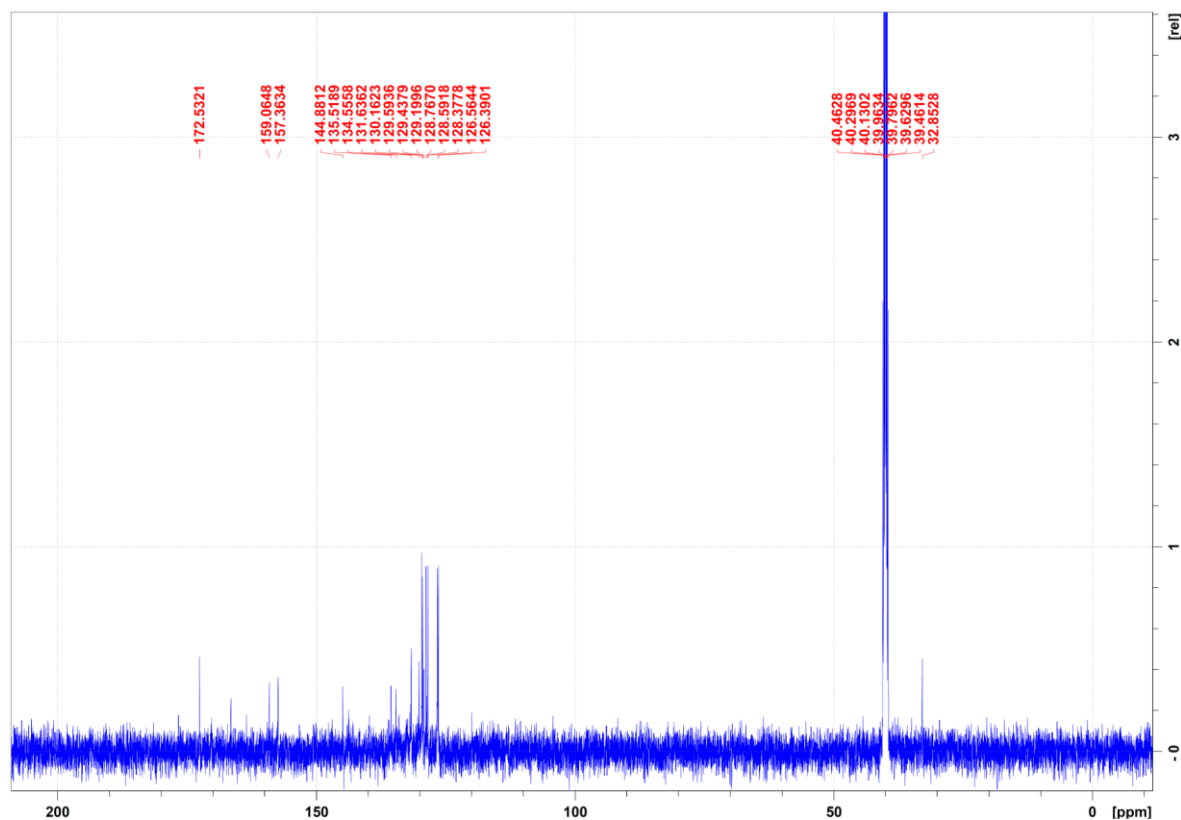
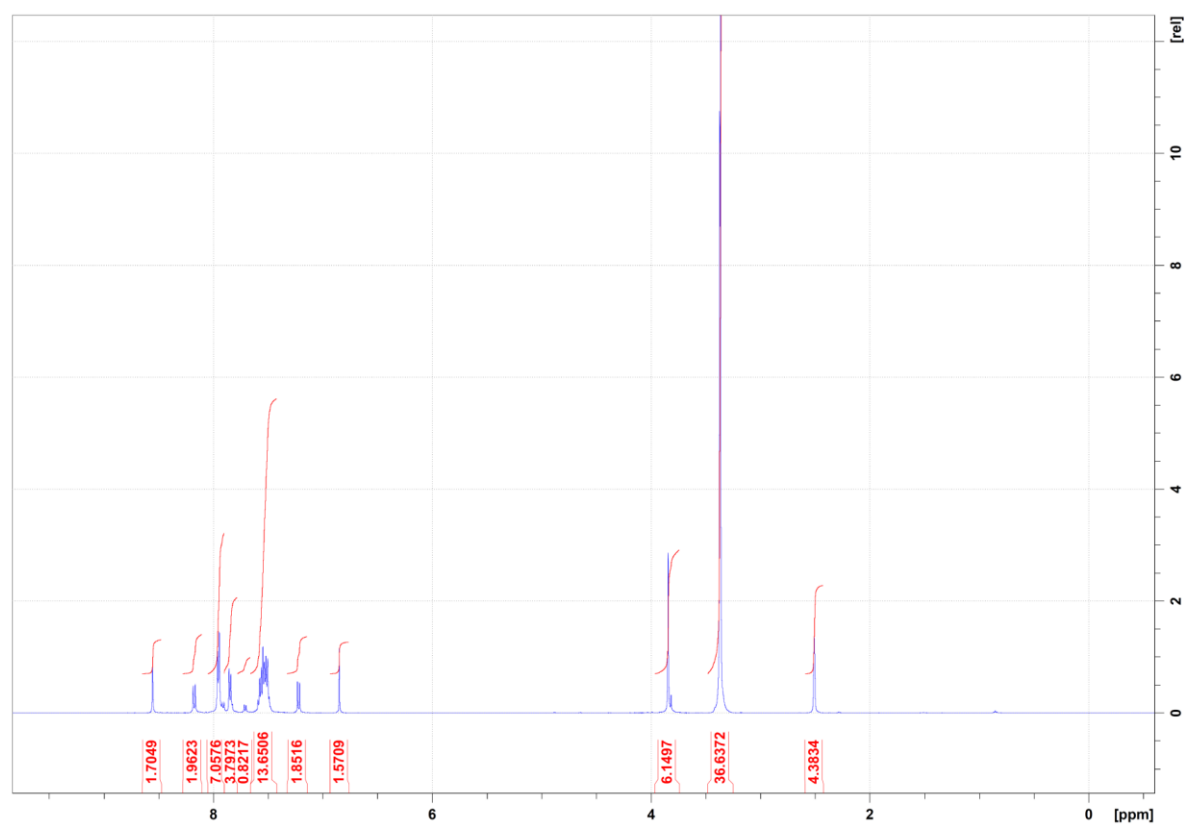


Figure 23. ¹H-NMR spectrum of Compound 17.

Figure 24. ¹³C-NMR spectrum of Compound 17.Figure 25. ¹H-NMR spectrum of Compound 18.

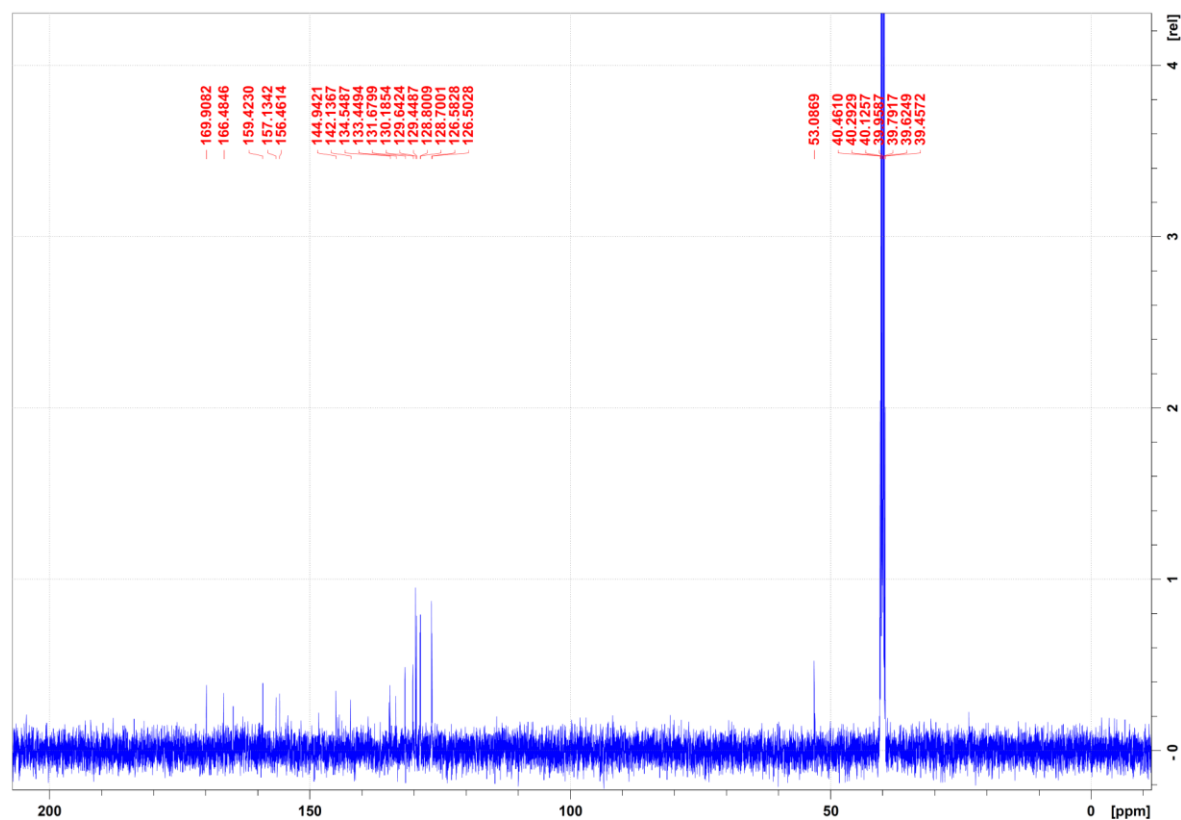


Figure 26. ^{13}C -NMR spectrum of Compound 18.