**Supplementary Information**

**Metal catalyst-free *N*-Allylation/alkylation of Imidazole and Benzimidazole with Morita-Baylis-Hillman (MBH) alcohols and acetates**

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**2.** ESI-HRMS spectra ……………………………………….………....………….. S21-S35

**1H/13C NMR Spectra**

**for compounds 6a-d, 7a-d, 8a-f**



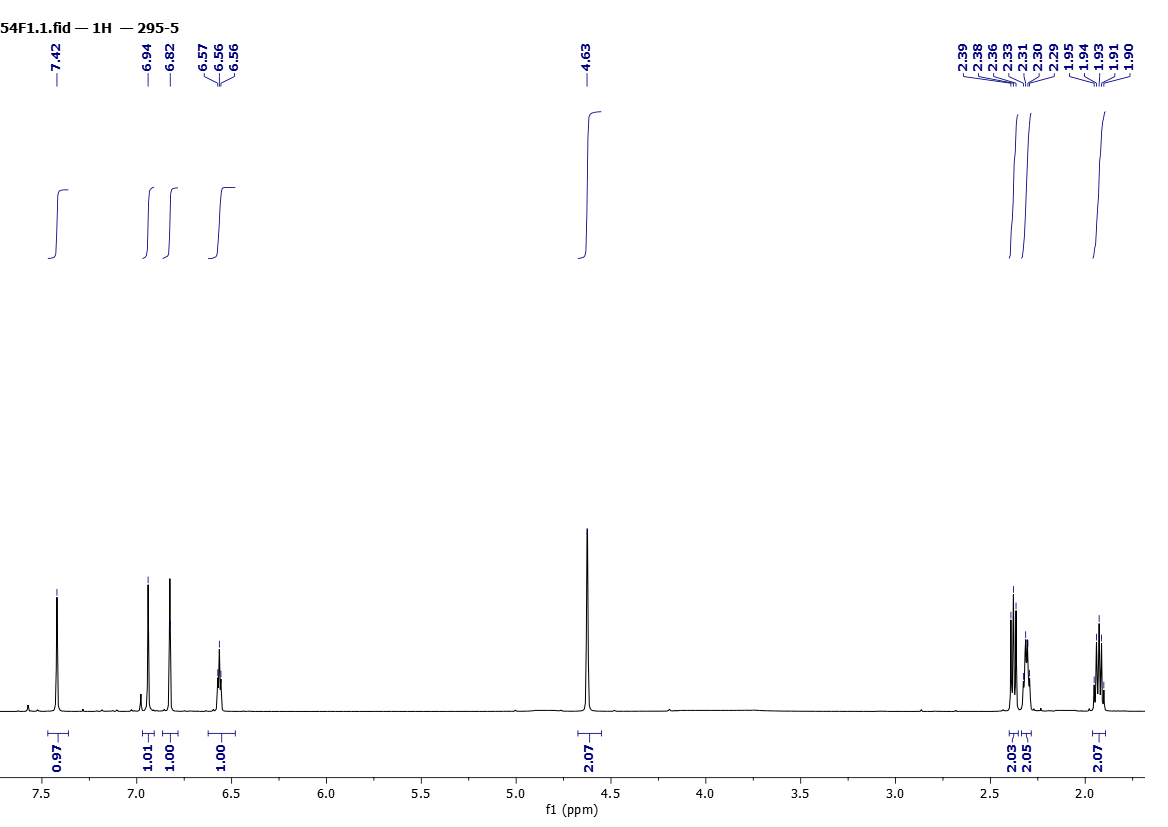
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Figure 1. 1H NMR (500 MHz, CDCl3) spectra of **6a**

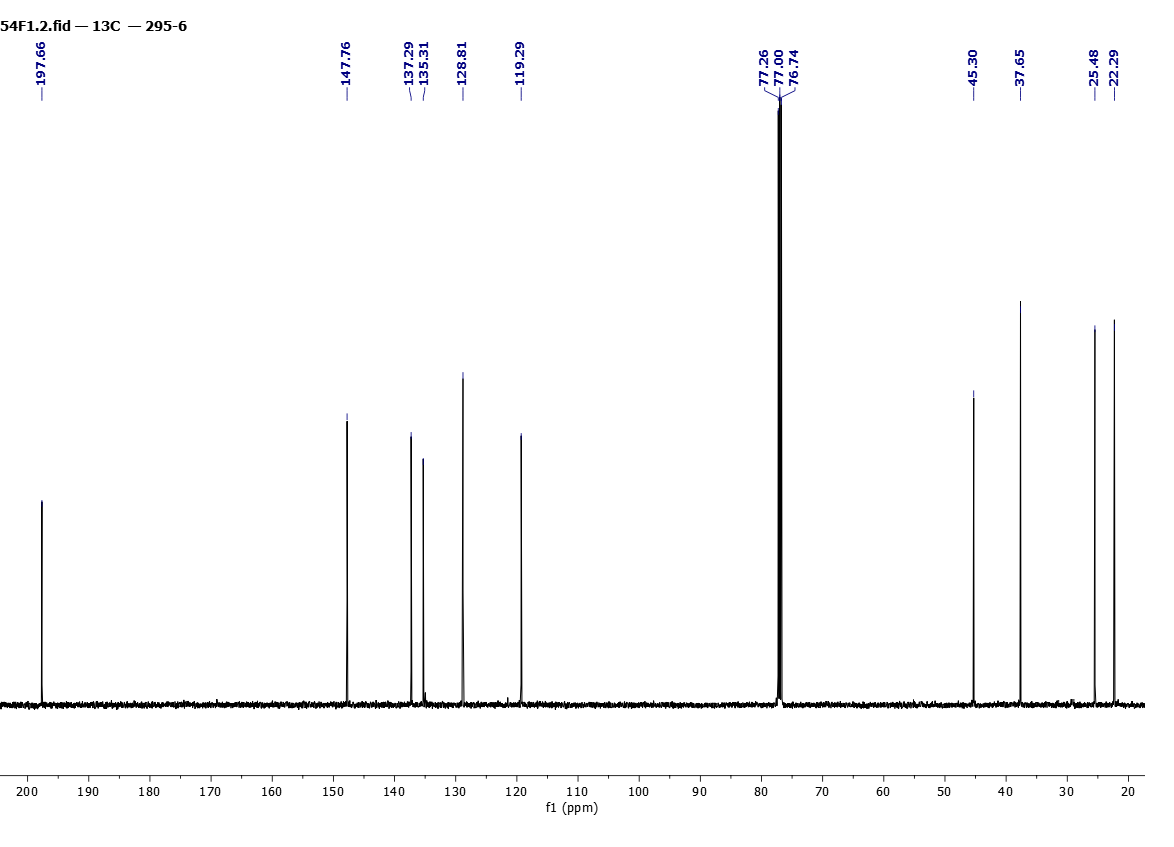


Figure 2. 13C NMR (125 MHz, CDCl3) spectra of **6a**



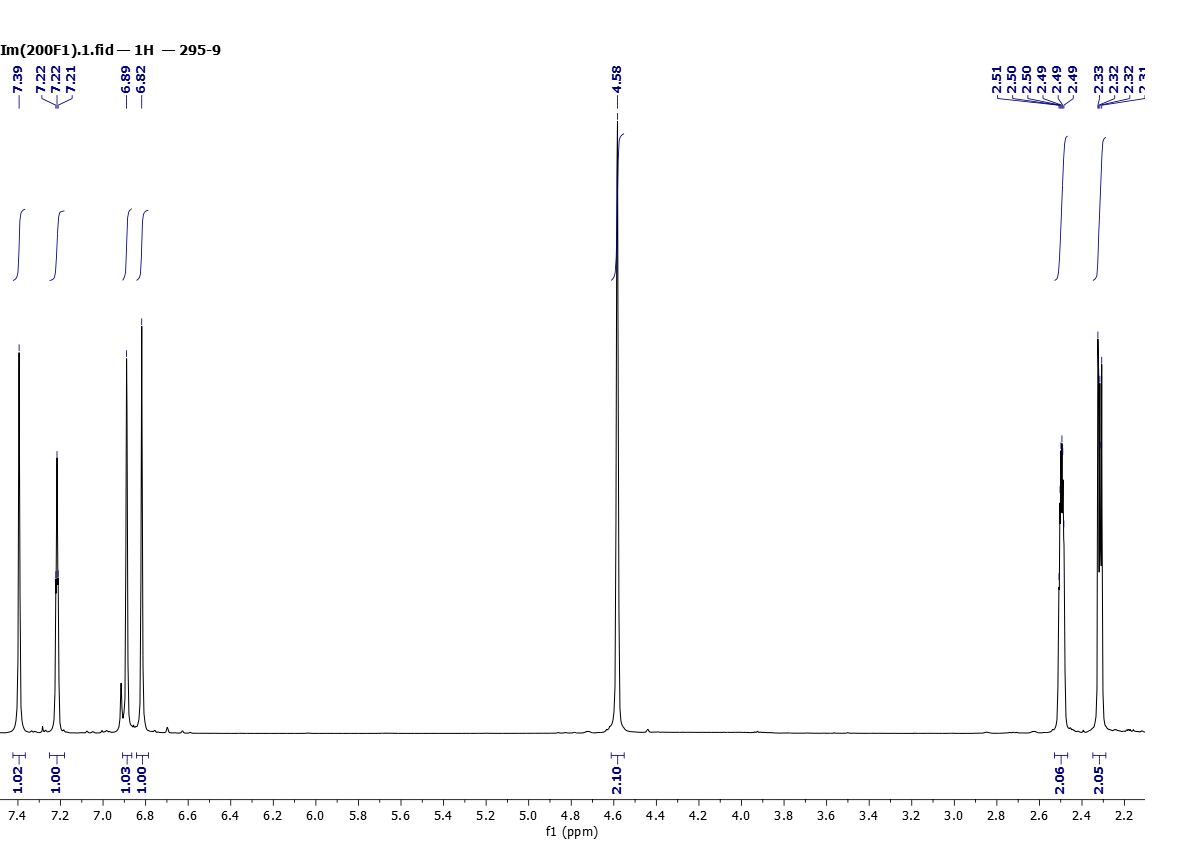


Figure 3. 1H NMR (500 MHz, CDCl3) spectra of **6b**



Figure 4. 13C NMR (125 MHz, CDCl3) spectra of **6b**



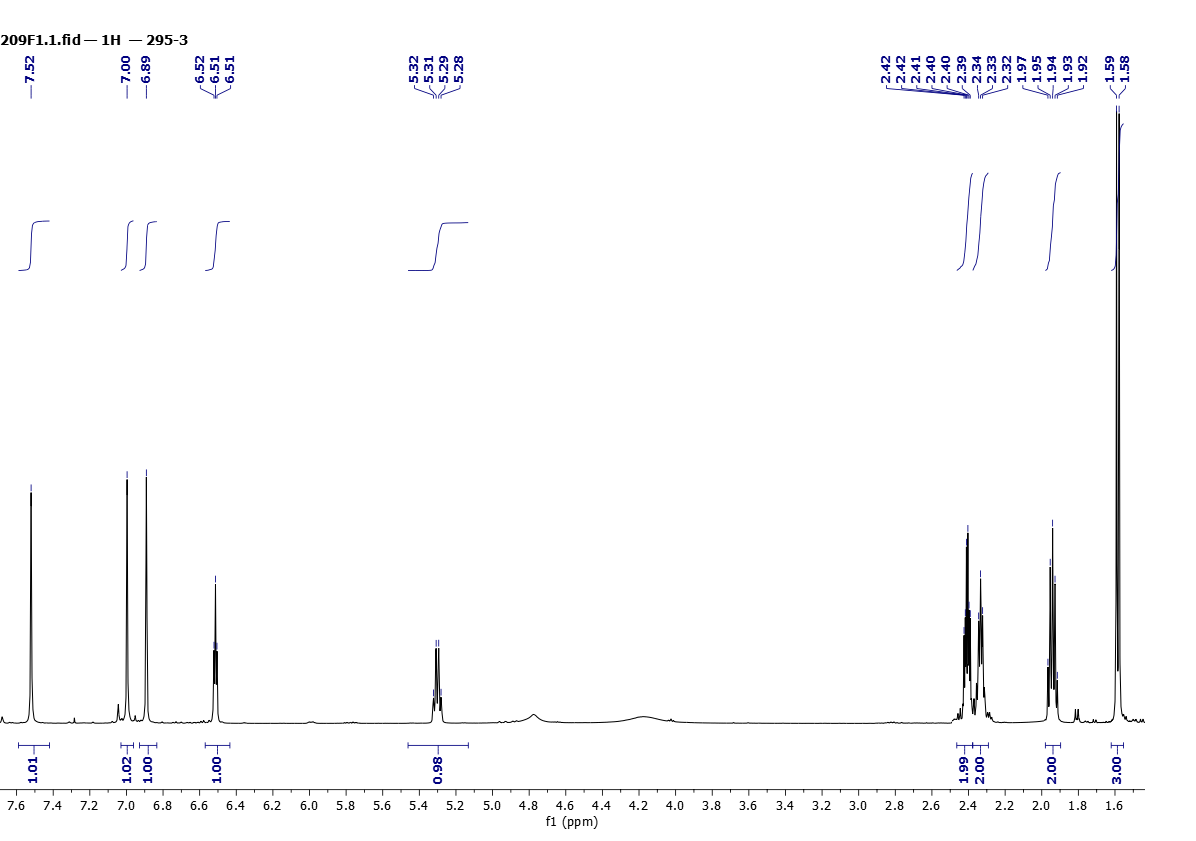


Figure 5. 1H NMR (500 MHz, CDCl3) spectra of **6c**

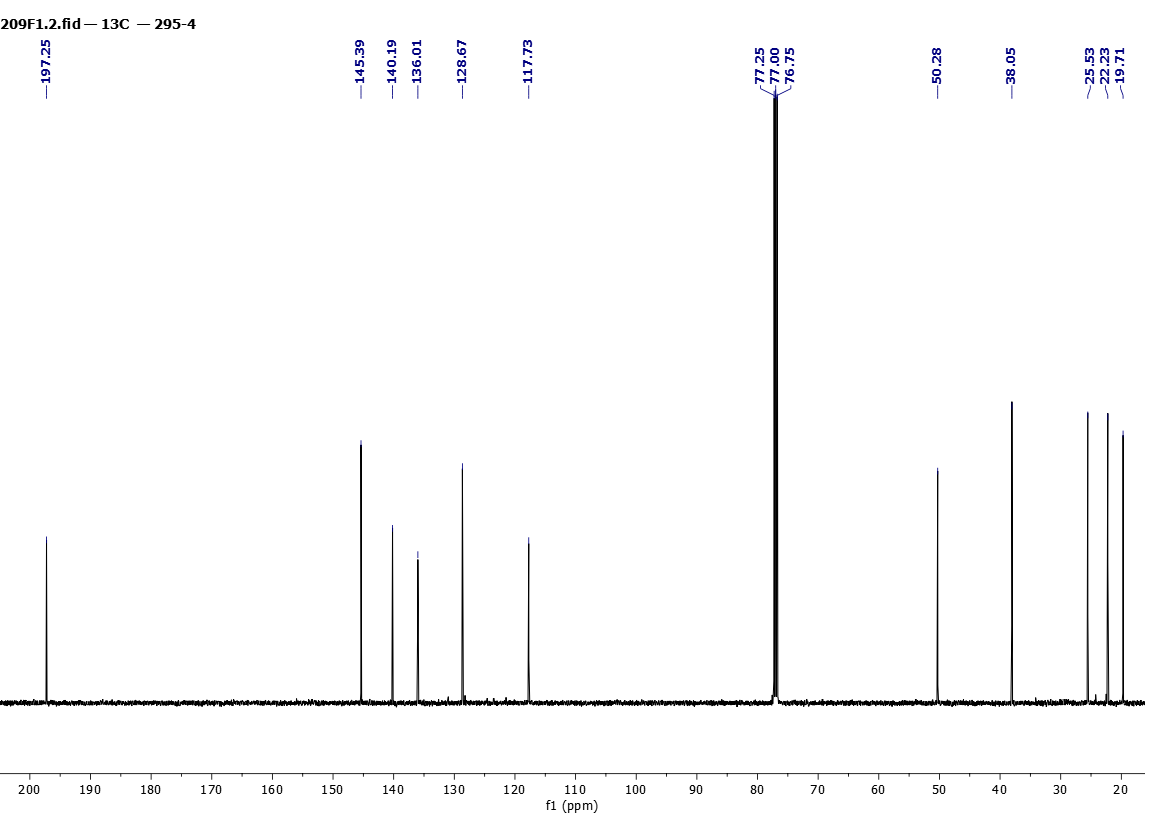


Figure 6. 13C NMR (125 MHz, CDCl3) spectra of **6c**



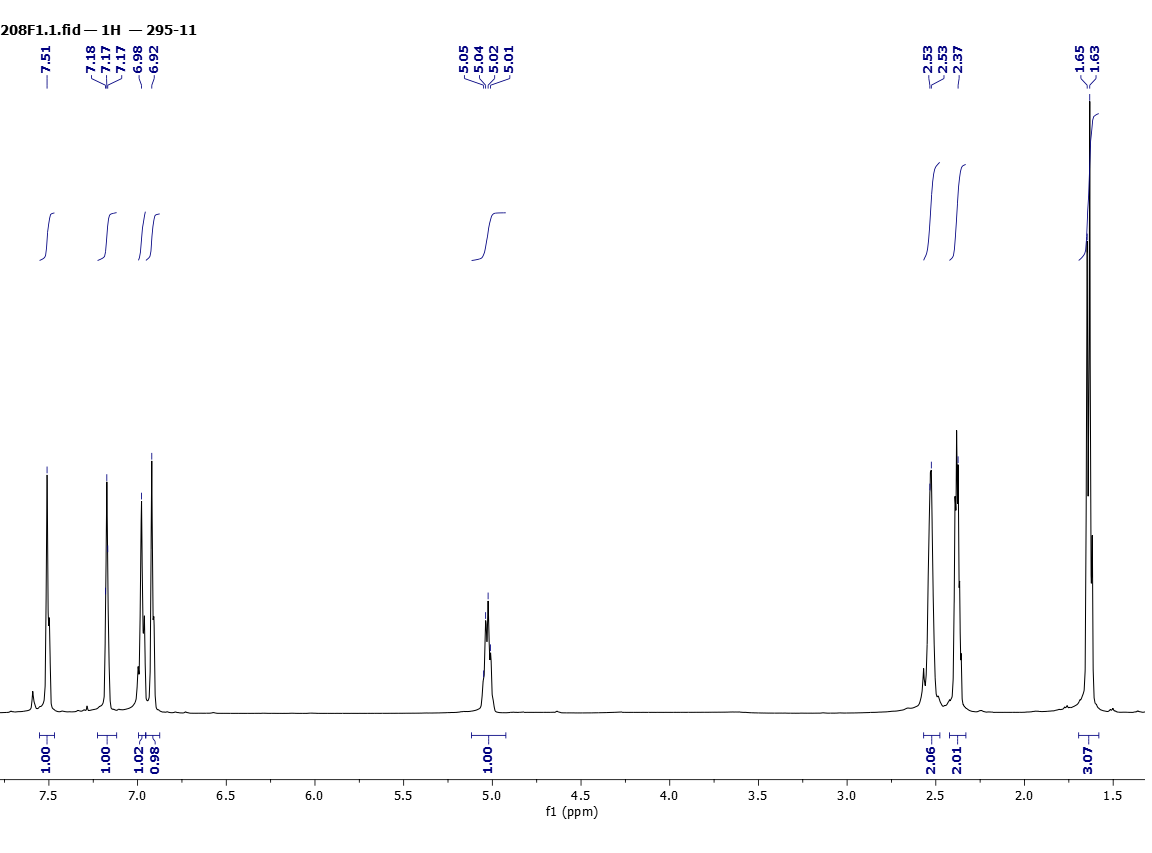


Figure 7. 1H NMR (500 MHz, CDCl3) spectra of **6d**

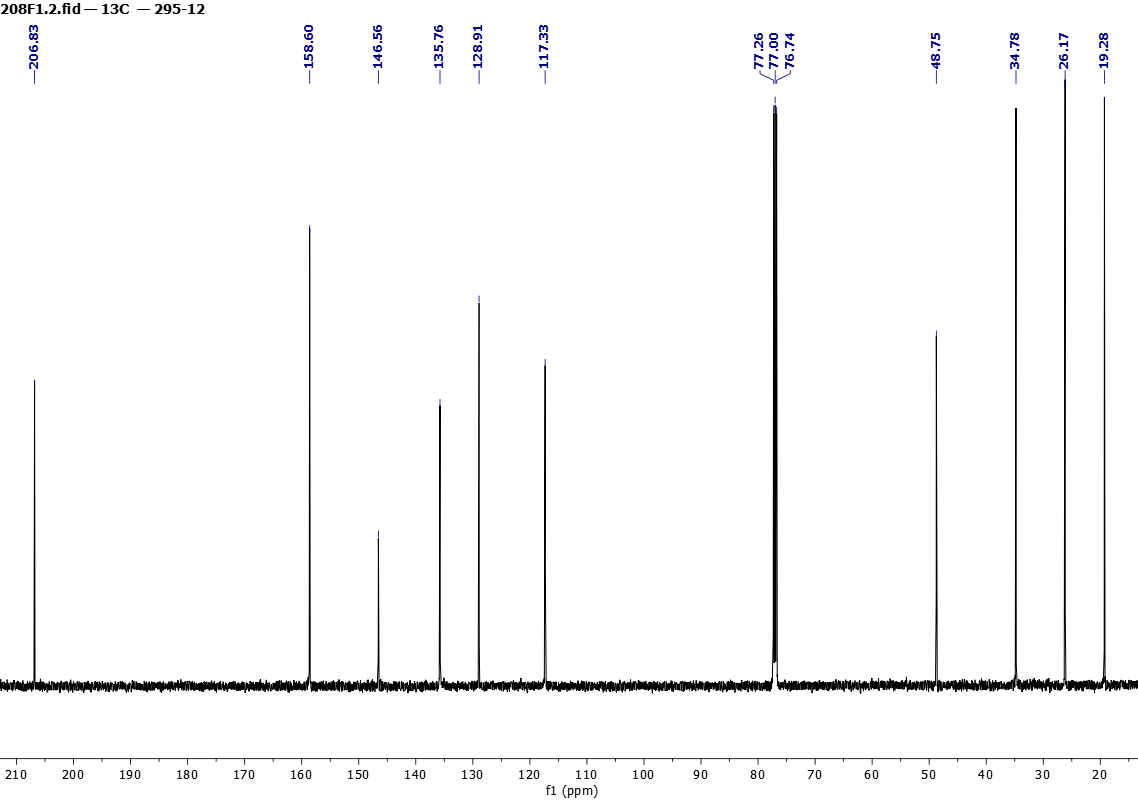


Figure 8. 13C NMR (125 MHz, CDCl3) spectra of **6d**





Figure 9. 1H NMR (500 MHz, CDCl3) spectra of **7a**

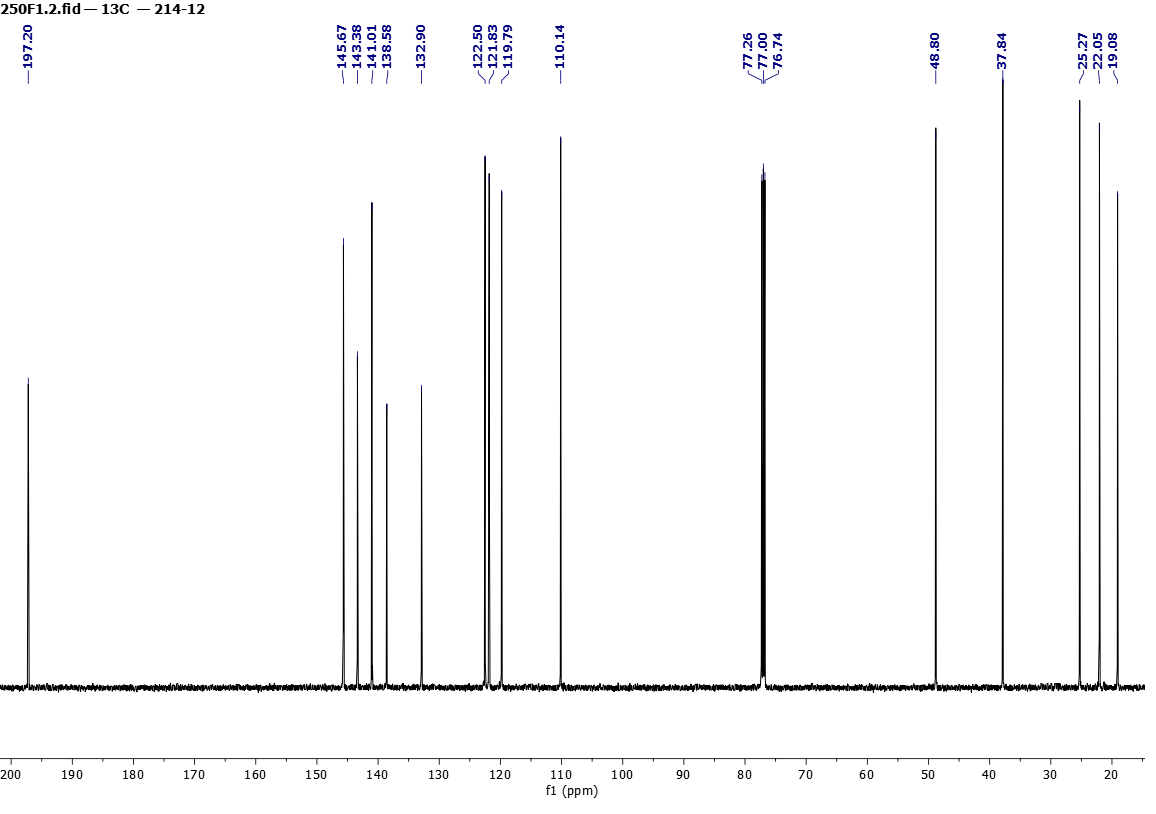


Figure 10. 13C NMR (125 MHz, CDCl3) spectra of **7a**



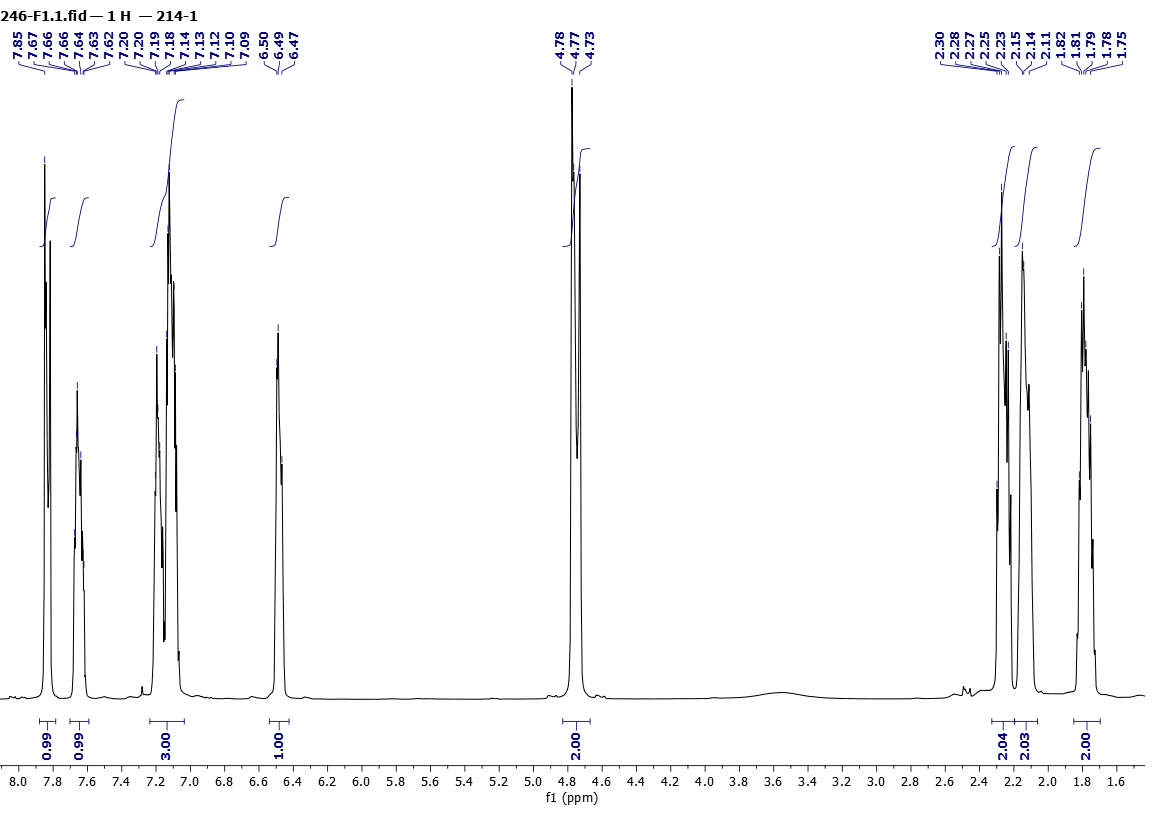


Figure 11. 1H NMR (500 MHz, CDCl3) spectra of **7b**



Figure 12. 13C NMR (125 MHz, CDCl3) spectra of **7b**





Figure 13. 1H NMR (500 MHz, CDCl3) spectra of **7c**



Figure 14. 13C NMR (125 MHz, CDCl3) spectra of **7c**



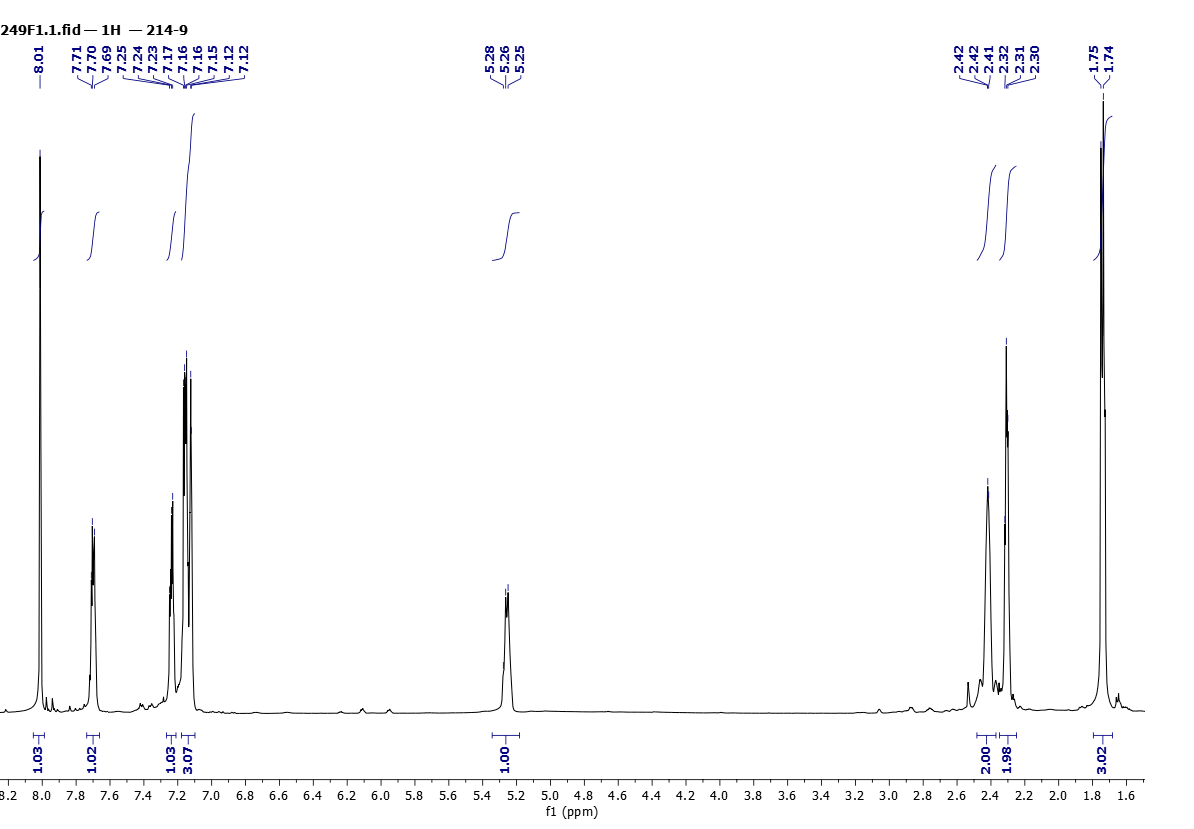


Figure 15. 1H NMR (500 MHz, CDCl3) spectra of **7d**

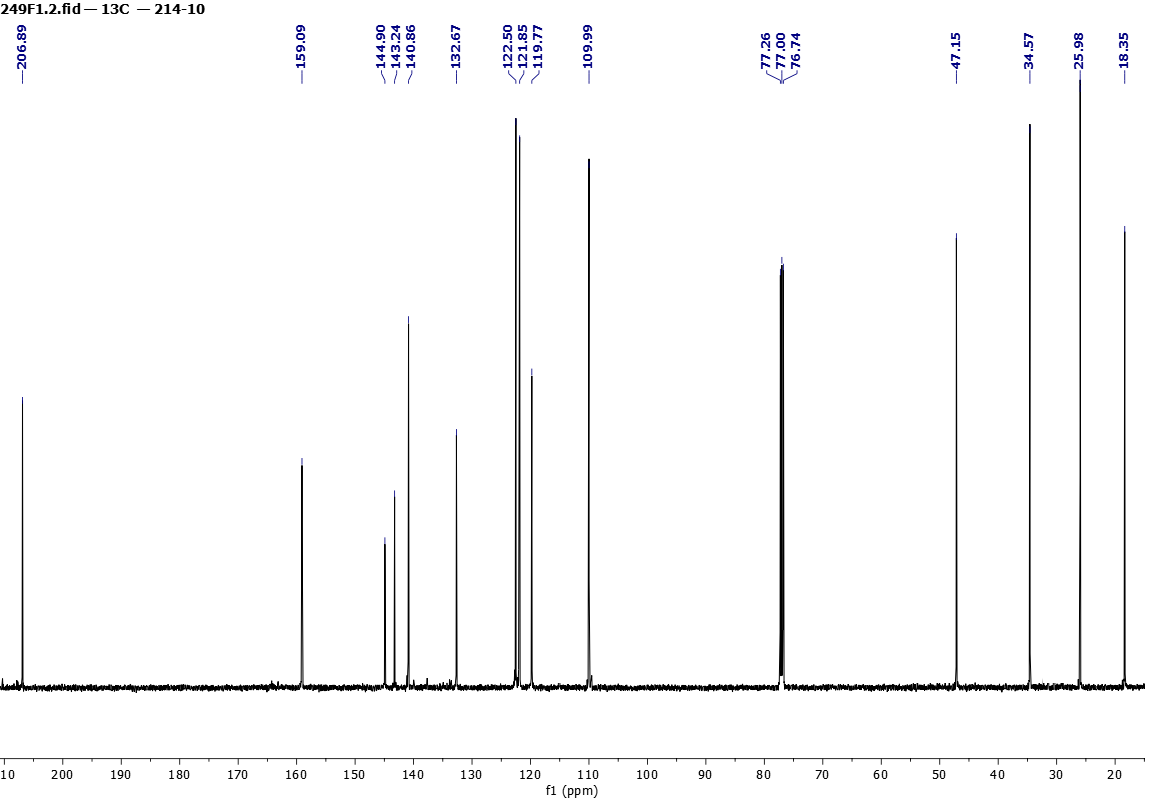


Figure 16. 13C NMR (125 MHz, CDCl3) spectra of **7d**



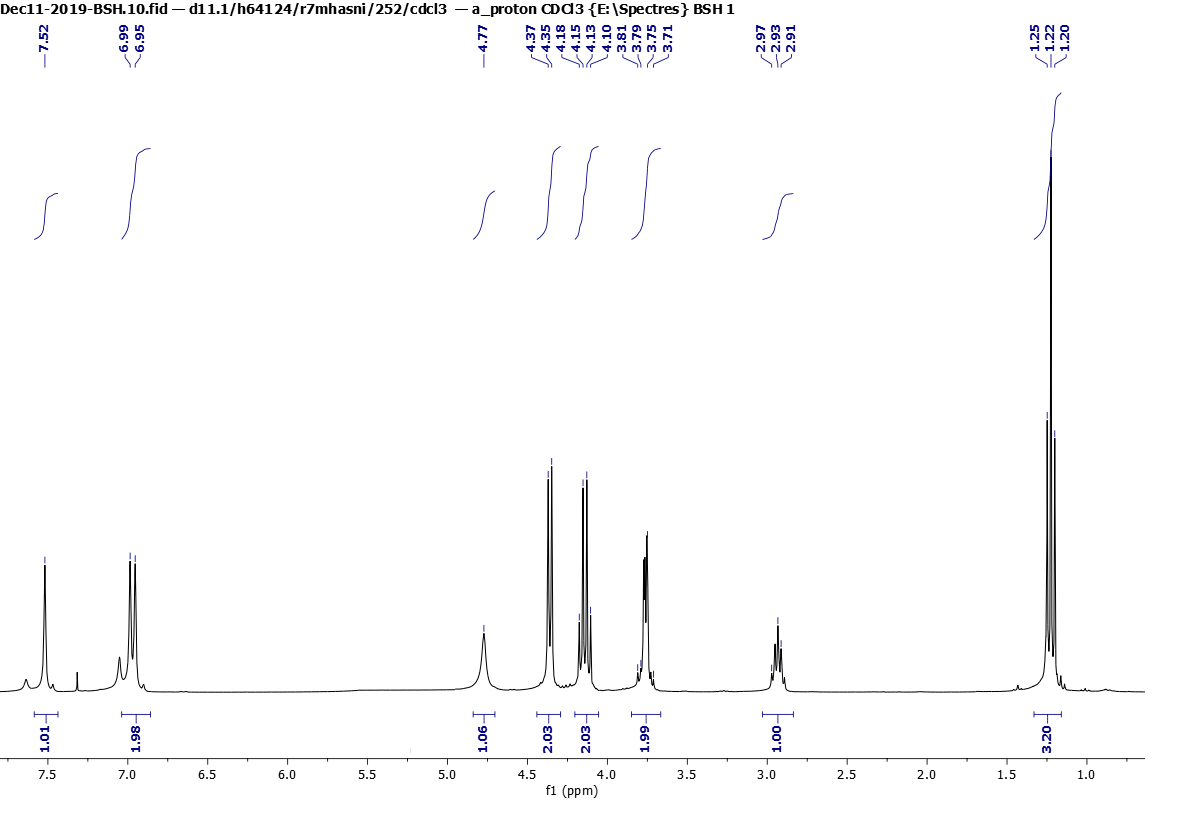


Figure 17. 1H NMR (300 MHz, CDCl3) spectra of **8a**



Figure 18. 13C NMR (75 MHz, CDCl3) spectra of **8a**



Figure 19. dept 135 NMR (75 MHz, CDCl3) spectra of **8a**



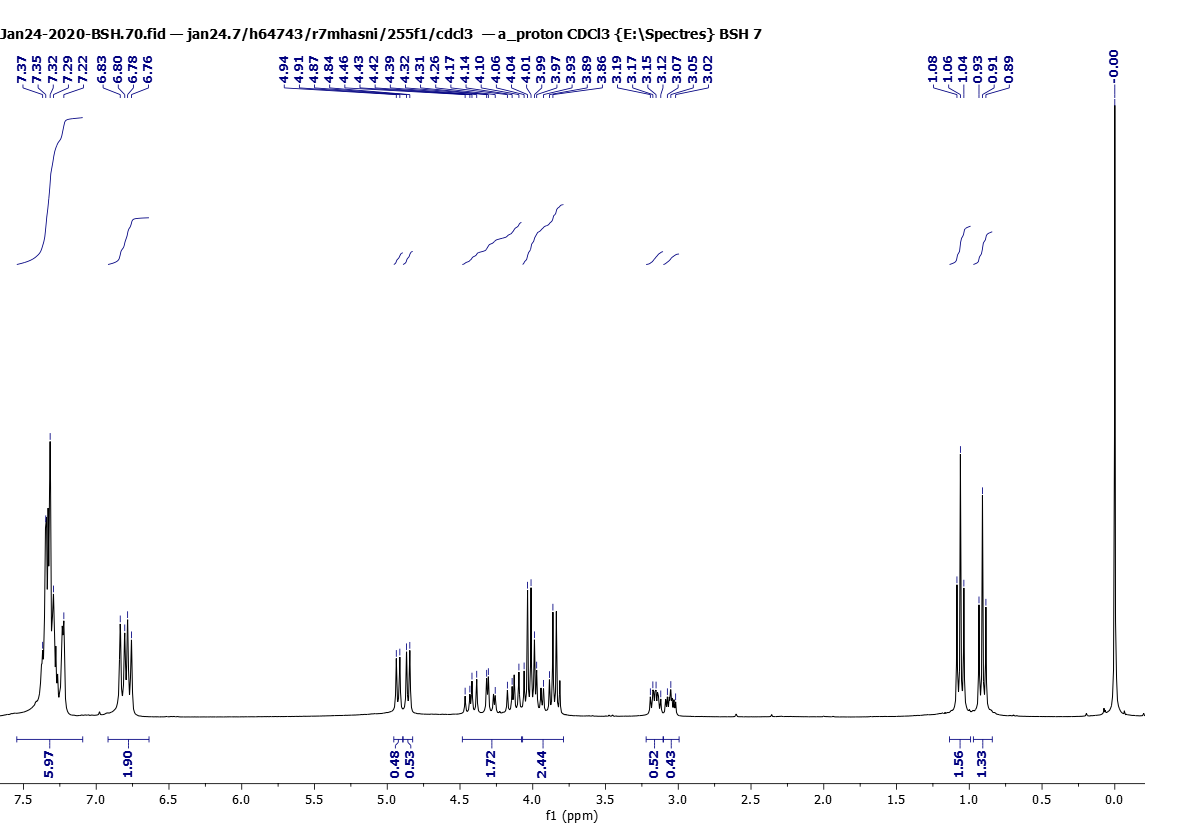


Figure 20. 1H NMR (300 MHz, CDCl3) spectra of **8b**



Figure 21. 13C NMR (75 MHz, CDCl3) spectra of **8b**



Figure 22. dept 135 NMR (75 MHz, CDCl3) spectra of **8b**





Figure 23. 1H NMR (300 MHz, CDCl3) spectra of **8c**



Figure 24. 13C NMR (75 MHz, CDCl3) spectra of **8c**



Figure 25. dept 135 NMR (75 MHz, CDCl3) spectra of **8c**



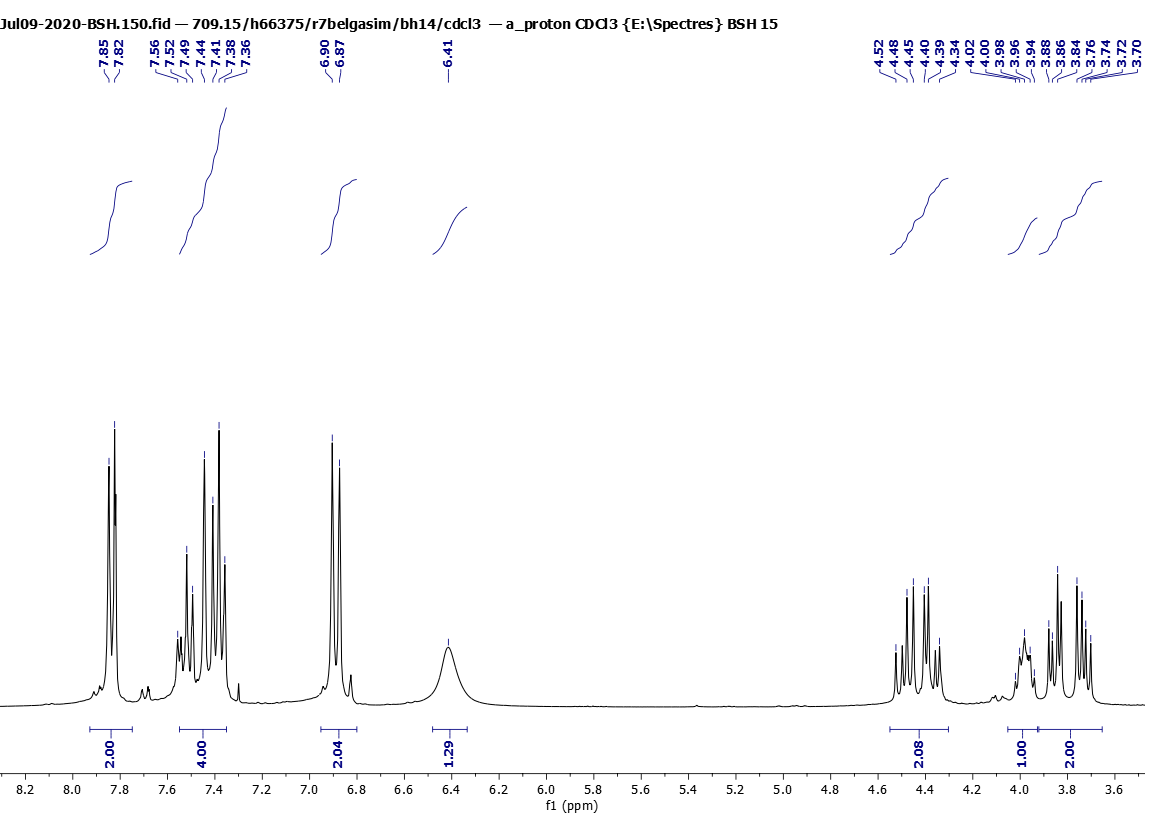


Figure 26. 1H NMR (300 MHz, CDCl3) spectra of **8d**



Figure 27. 13C NMR (75 MHz, CDCl3) spectra of **8d**



Figure 28. dept 135 NMR (75 MHz, CDCl3) spectra of **8d**



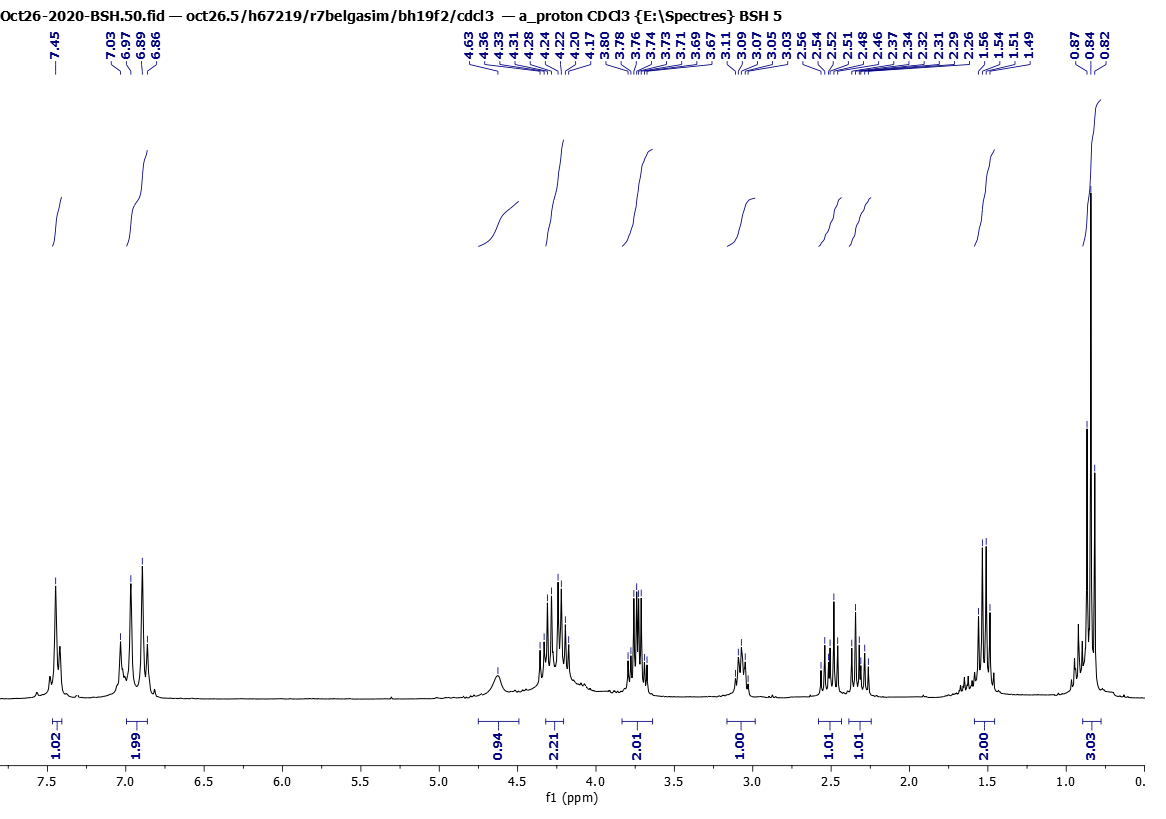


Figure 29. 1H NMR (300 MHz, CDCl3) spectra of **8e**

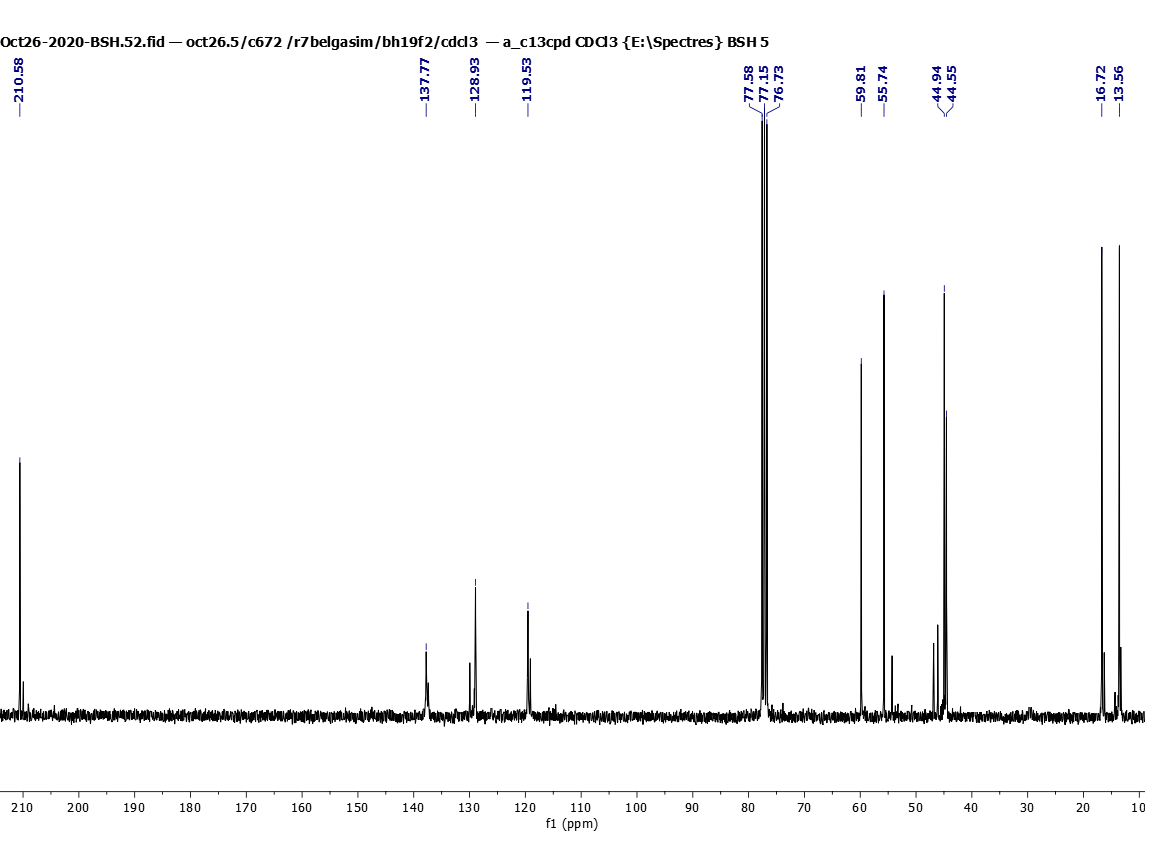


Figure 30. 13C NMR (75 MHz, CDCl3) spectra of **8e**

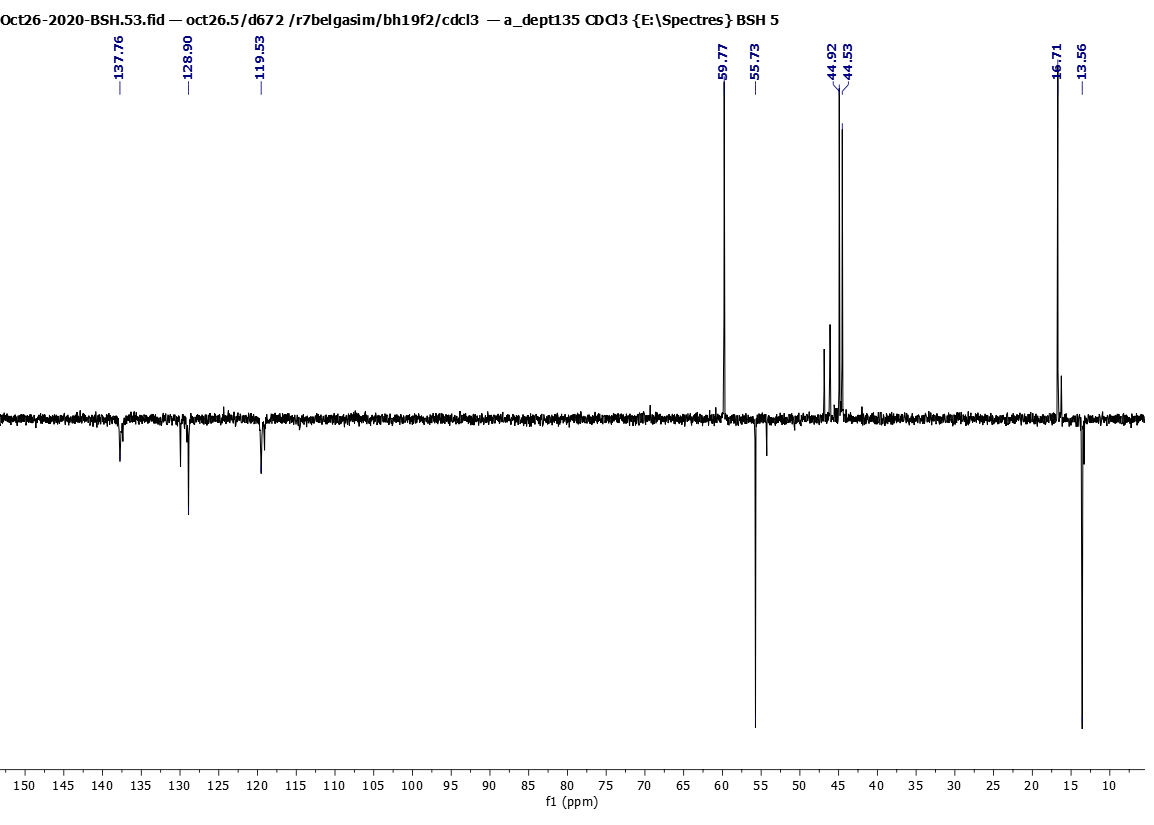


Figure 31. dept 135 NMR (75 MHz, CDCl3) spectra of **8e**



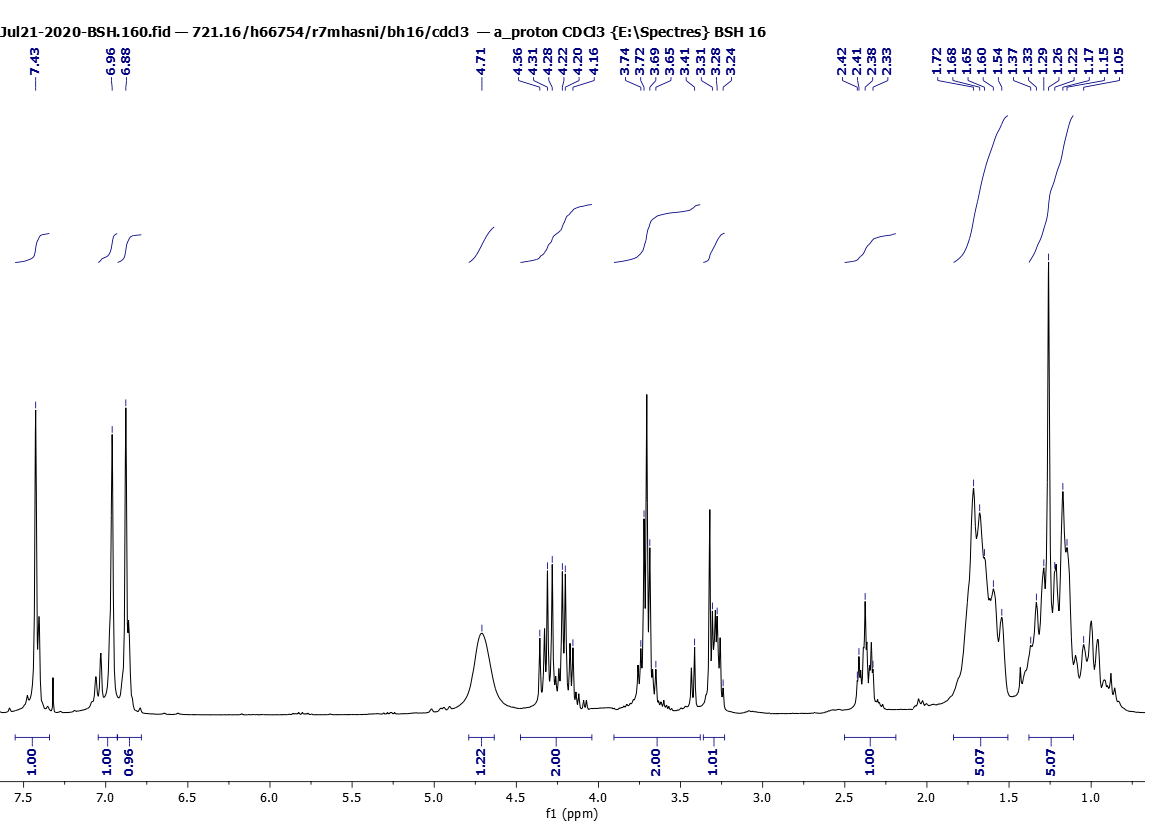


Figure 32. 1H NMR (300 MHz, CDCl3) spectra of **8f**

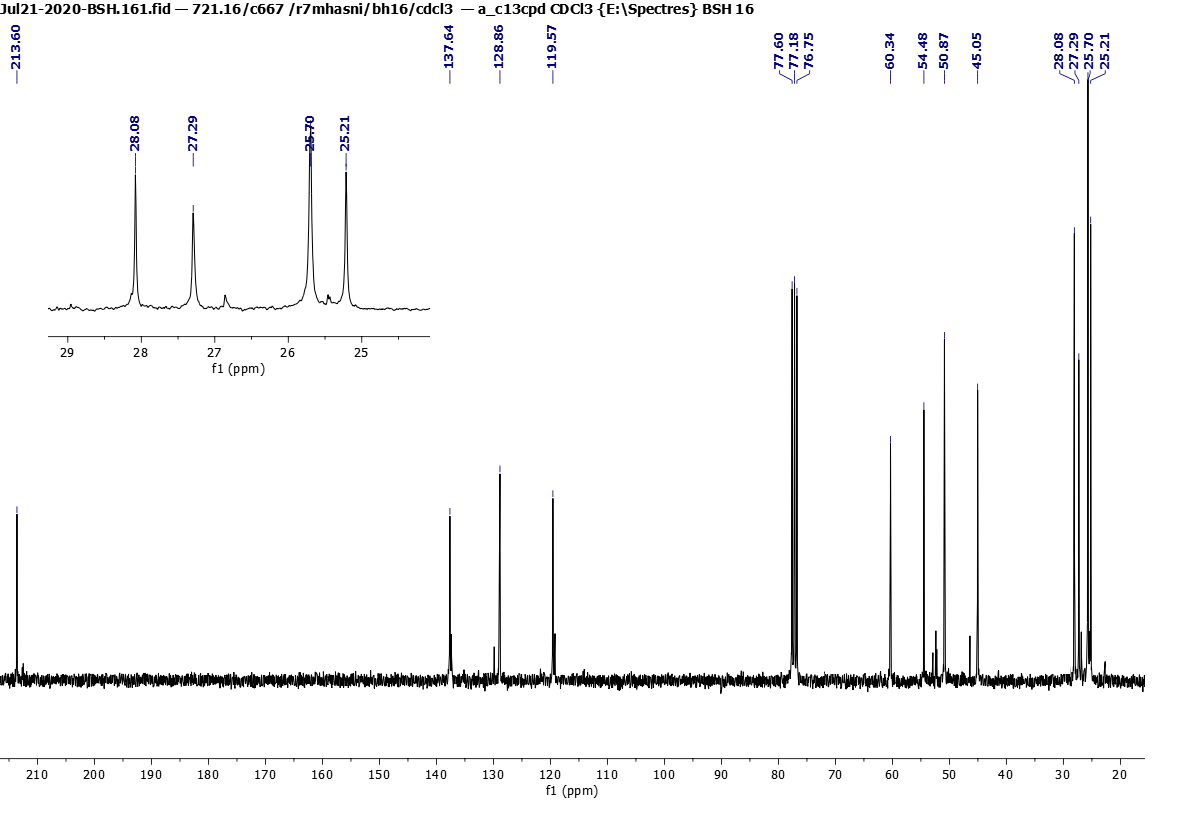


Figure 33. 13C NMR (75 MHz, CDCl3) spectra of **8f**

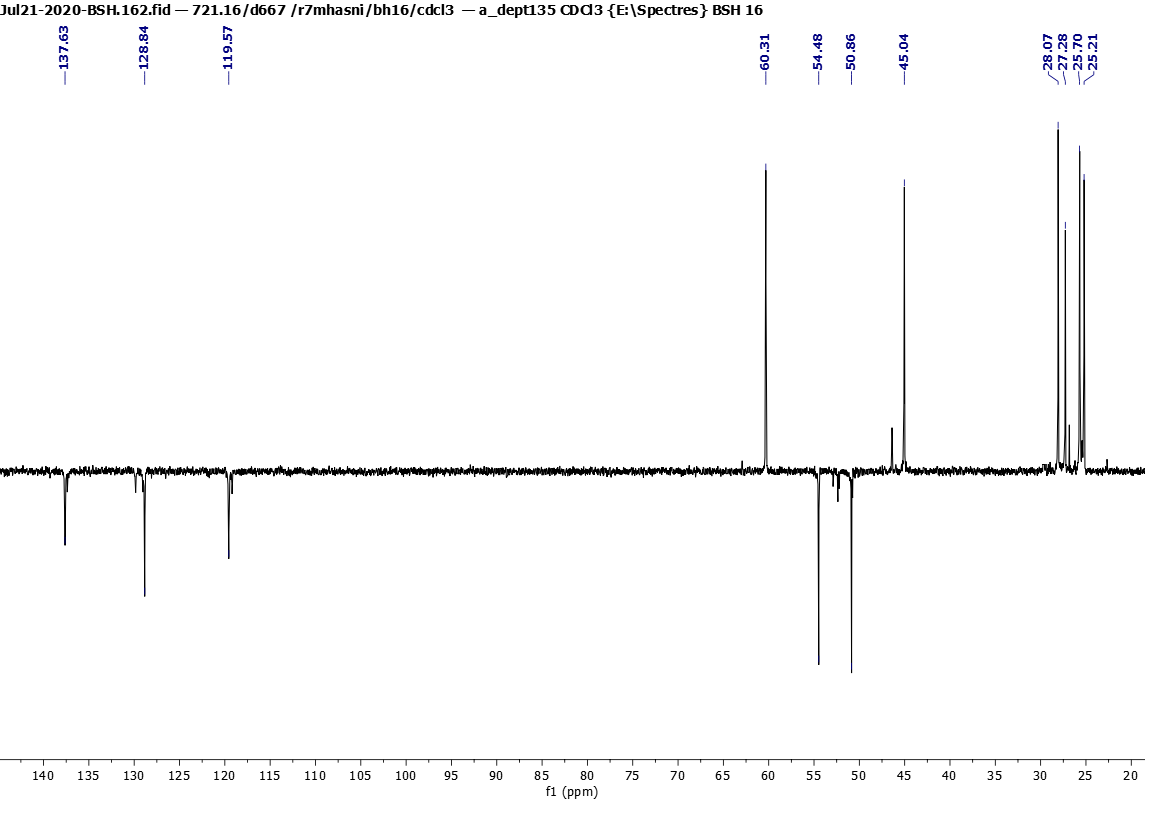


Figure 34. dept 135 NMR (75 MHz, CDCl3) spectra of **8f**

**ESI-HRMS spectra for compounds 6a-d, 7a-d, 8a-f**



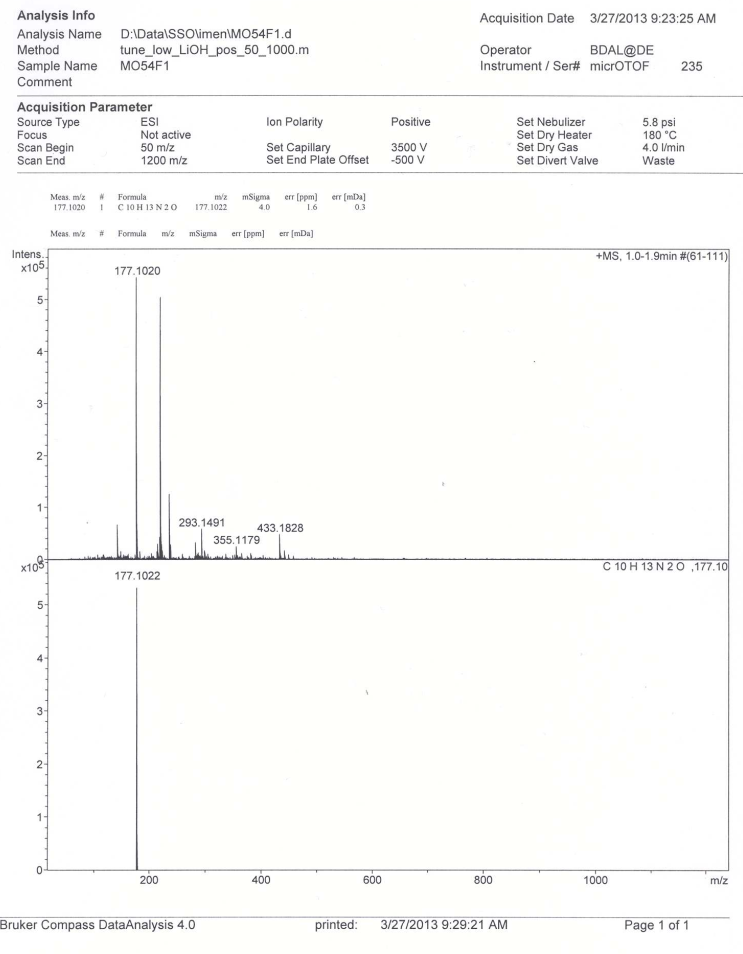


Figure 35. ESI-HRMS spectra of **6a**



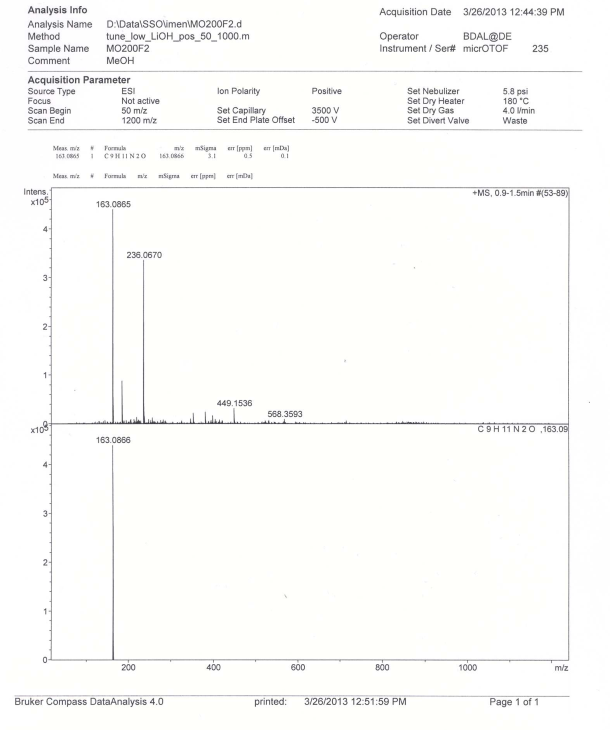
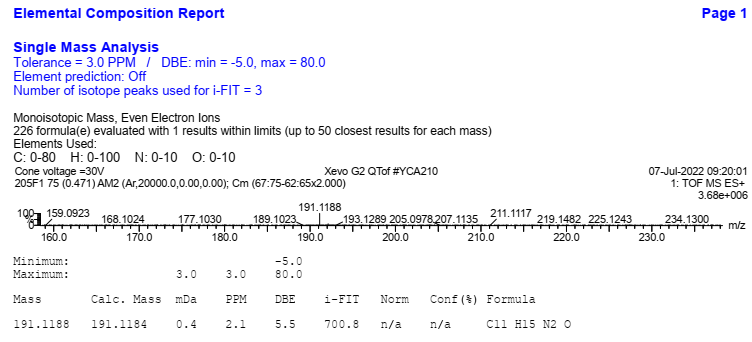


Figure 36. ESI-HRMS spectra of **6b**





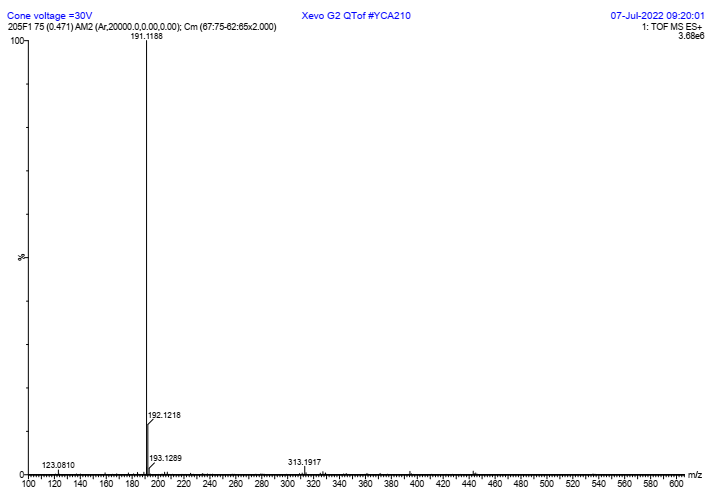


Figure 37. ESI-HRMS spectra of **6c**



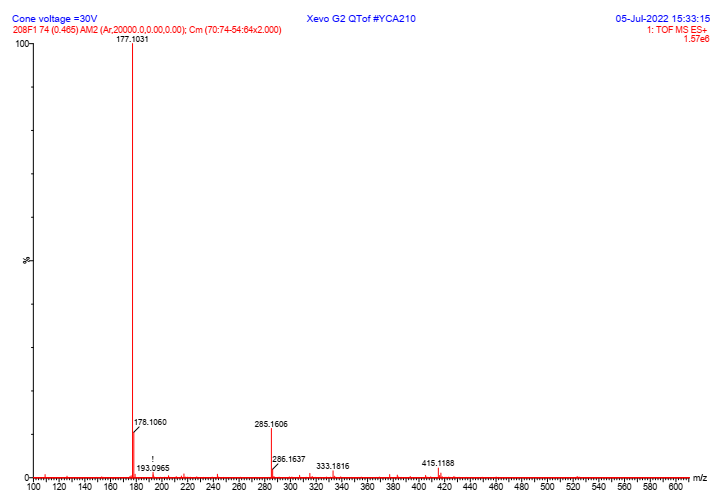
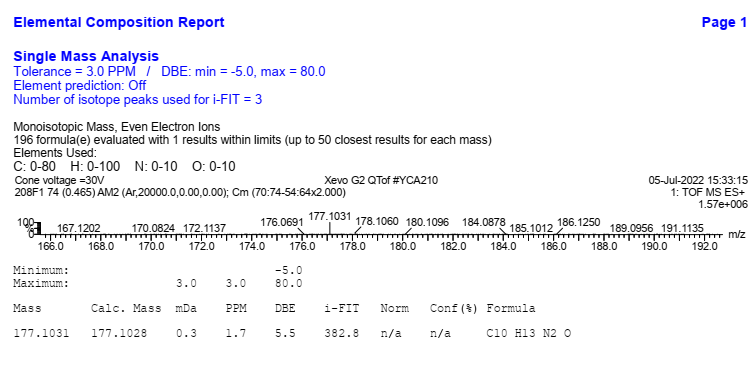
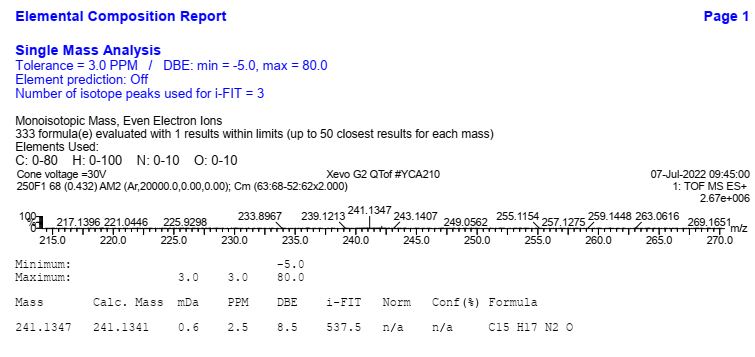


Figure 38. ESI-HRMS spectra of **6d**





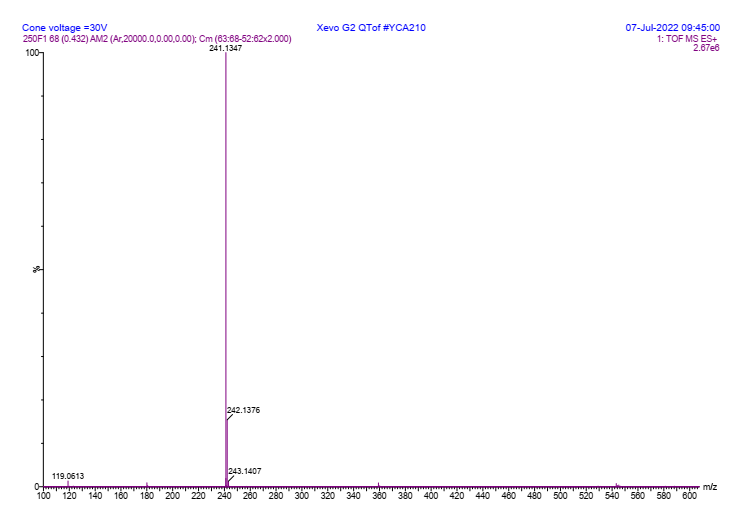
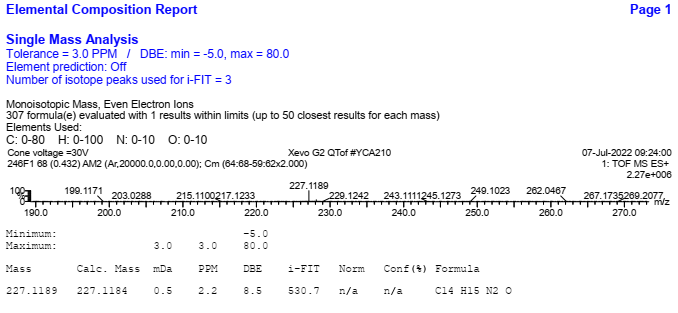


Figure 39. ESI-HRMS spectra of **7a**





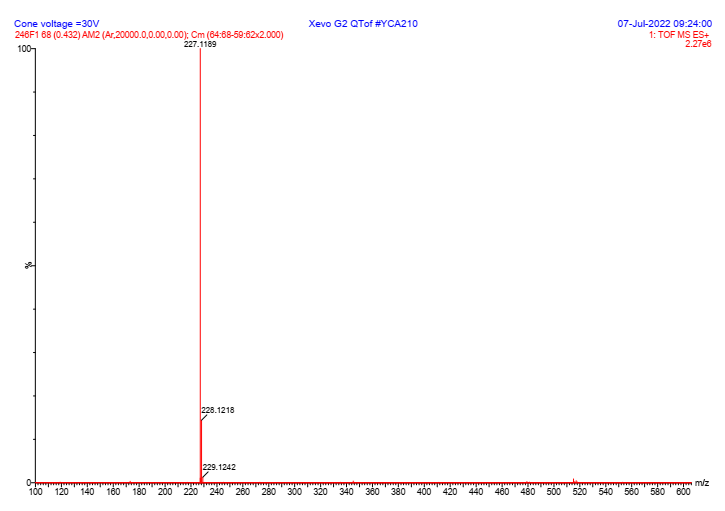
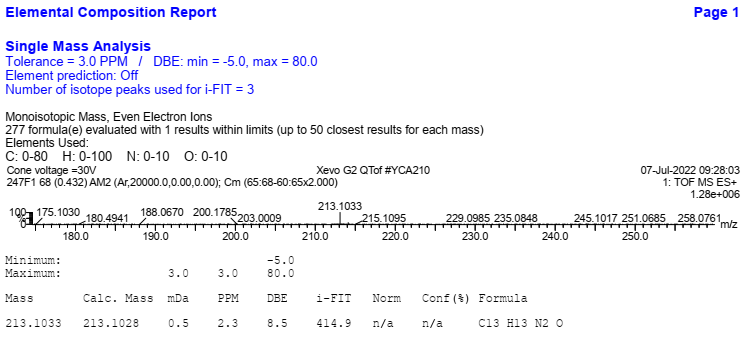


Figure 40. ESI-HRMS spectra of **7b**





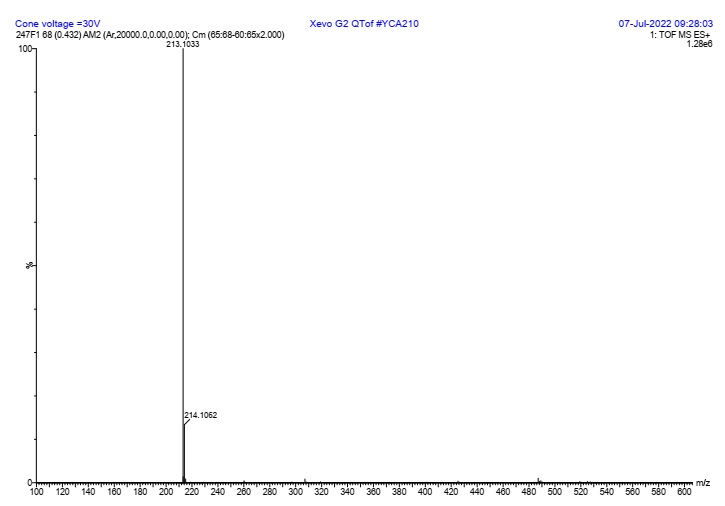
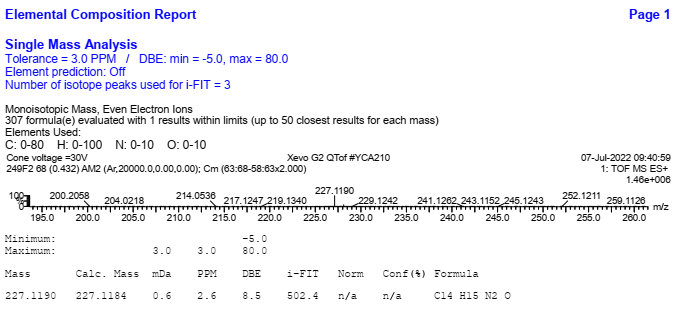


Figure 41. ESI-HRMS spectra of **7c**





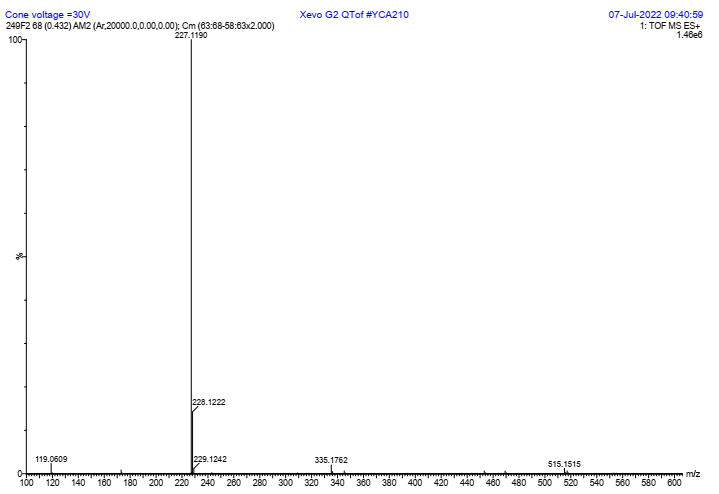
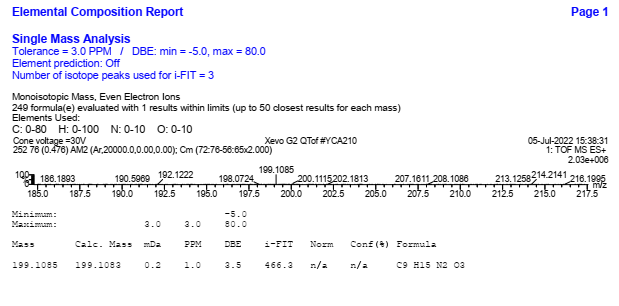


Figure 42. ESI-HRMS spectra of **7d**





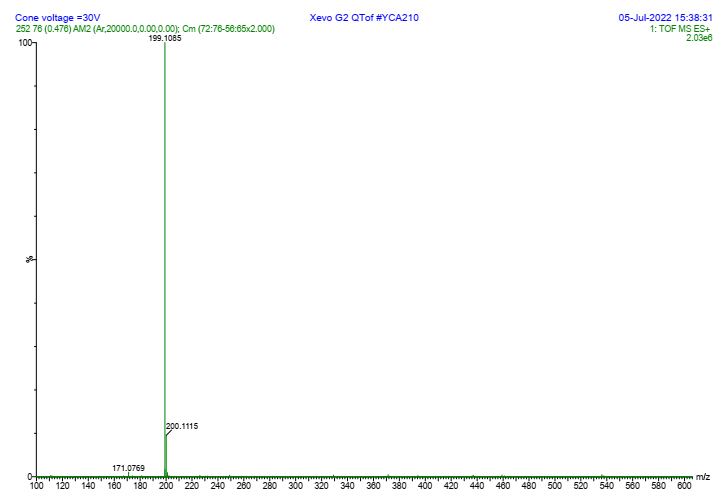
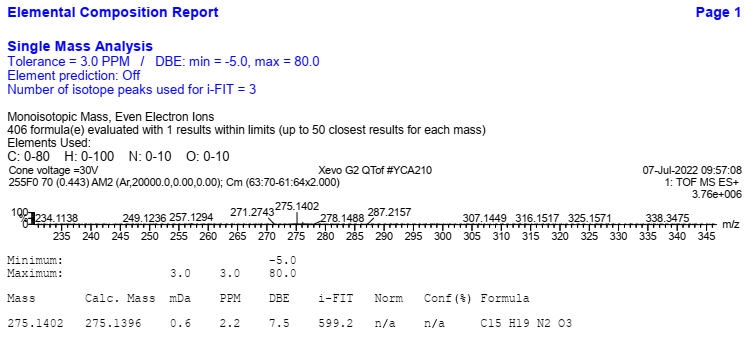


Figure 43. ESI-HRMS spectra of **8a**





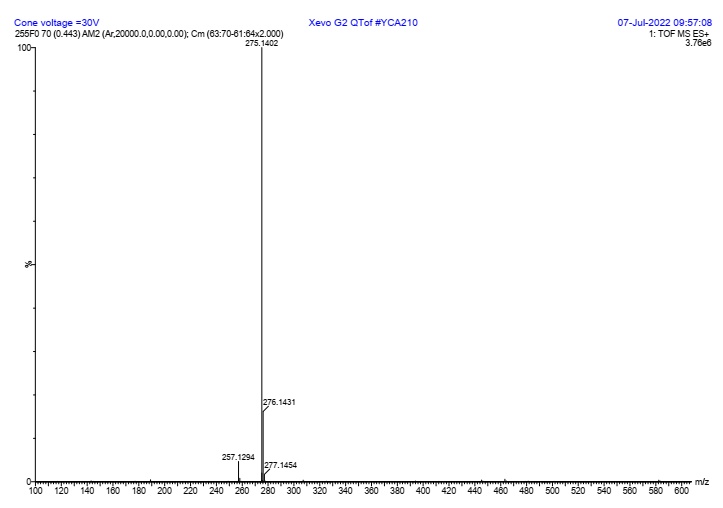
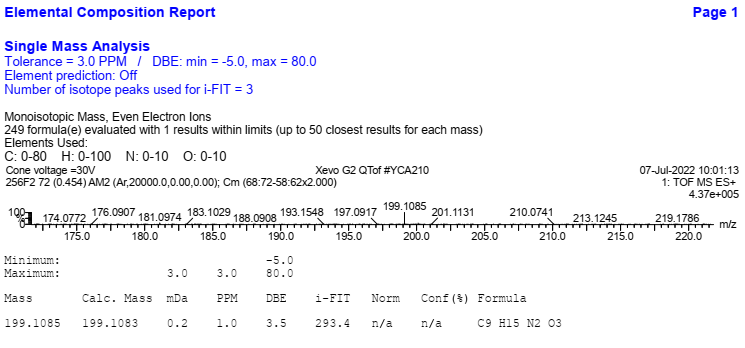


Figure 44. ESI-HRMS spectra of **8b**





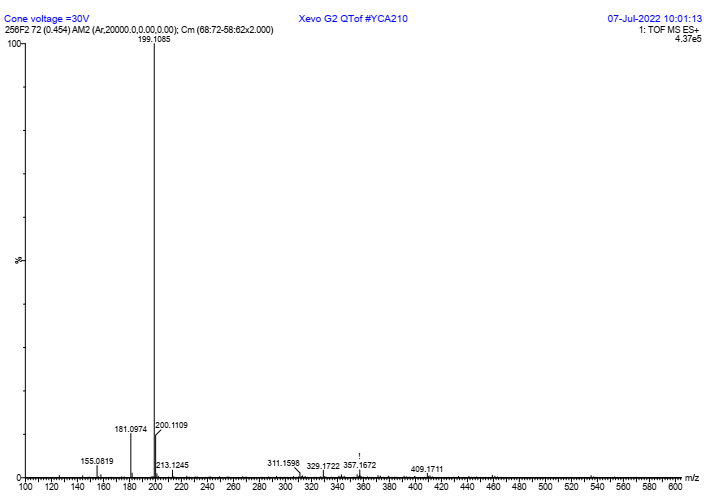
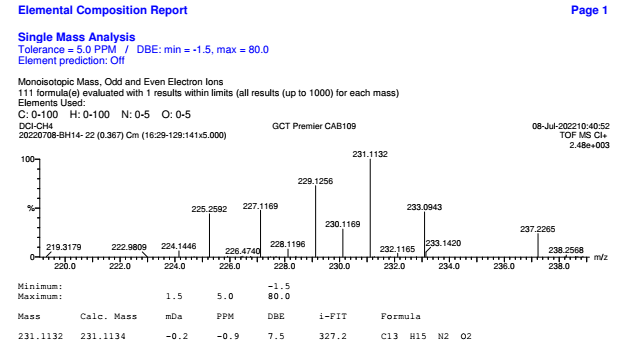


Figure 45. ESI-HRMS spectra of **8c**





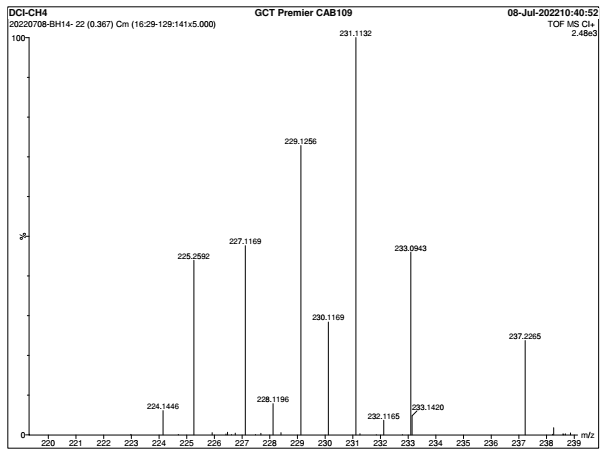
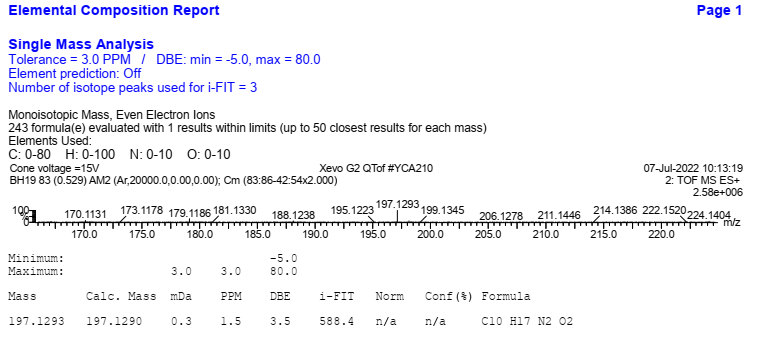


Figure 46. ESI-HRMS spectra of **8d**





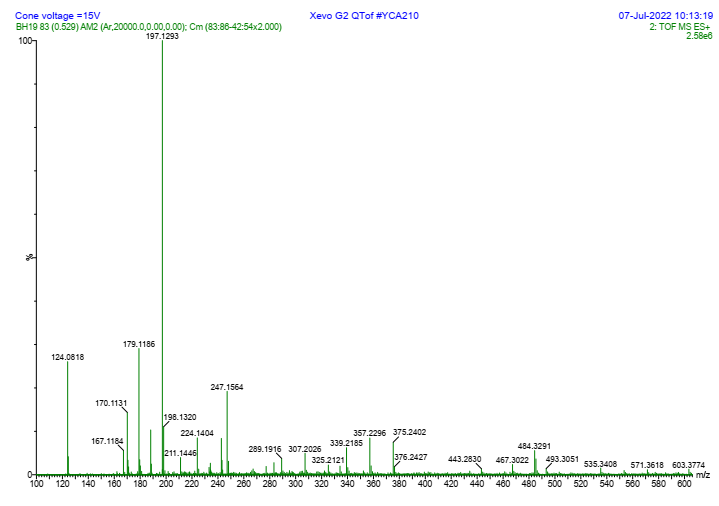
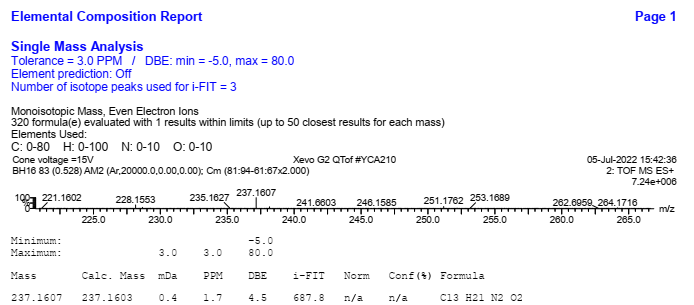


Figure 47. ESI-HRMS spectra of **8e**





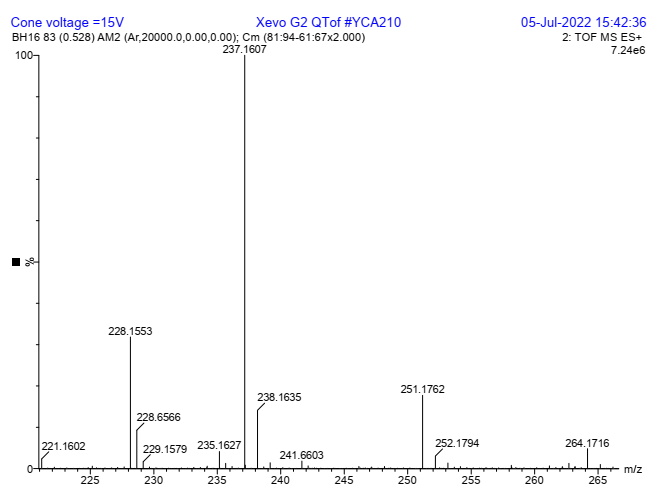


Figure 48. ESI-HRMS spectra of **8f**