

Supplementary Material

The synthesis of N^{α} -protected amino hydroxamic acid from N^{α} -protected amino acids employing versatile chlorinating agent CPI-Cl

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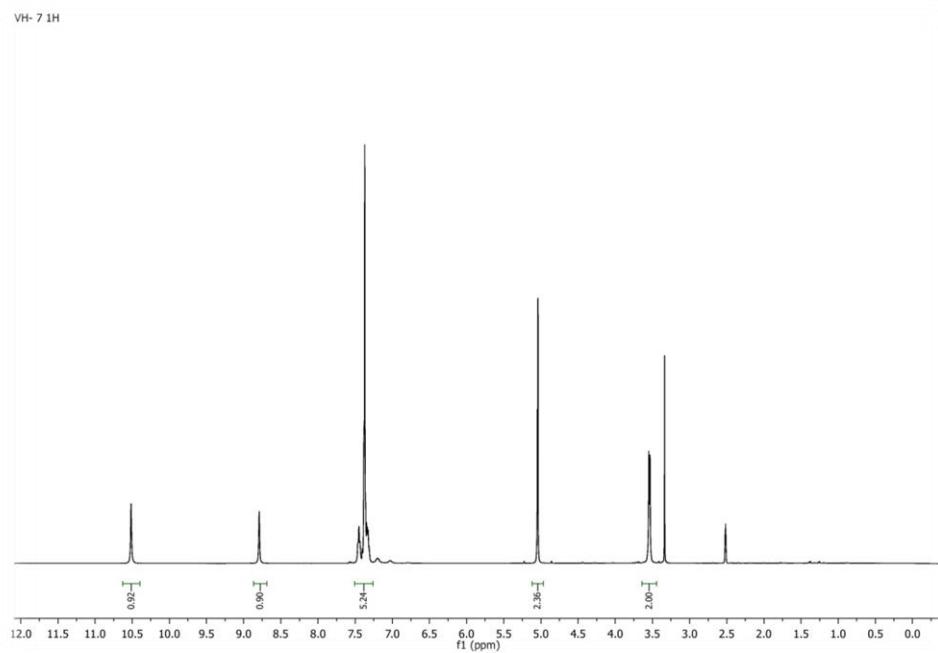
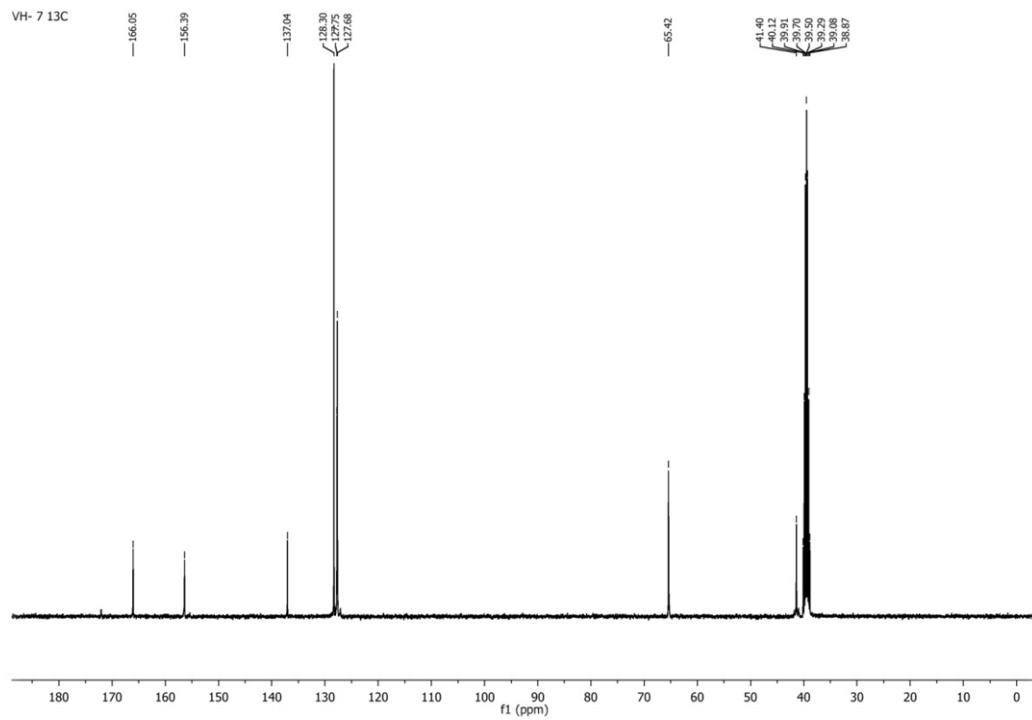
Figure 1. ^1H NMR spectrum of compound **2a****Figure 2.** ^{13}C NMR spectrum of compound **2a**

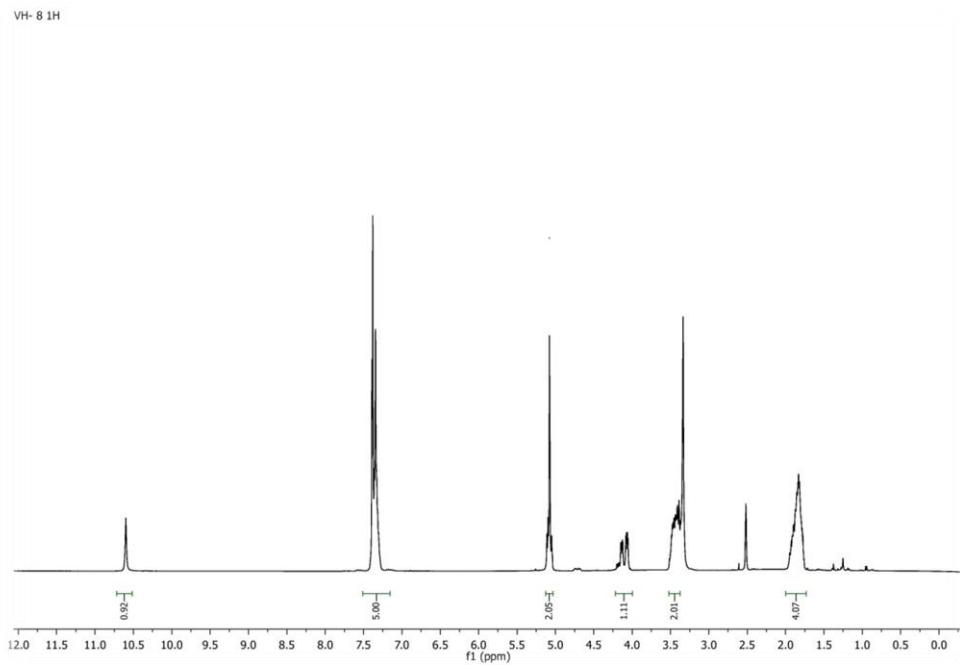
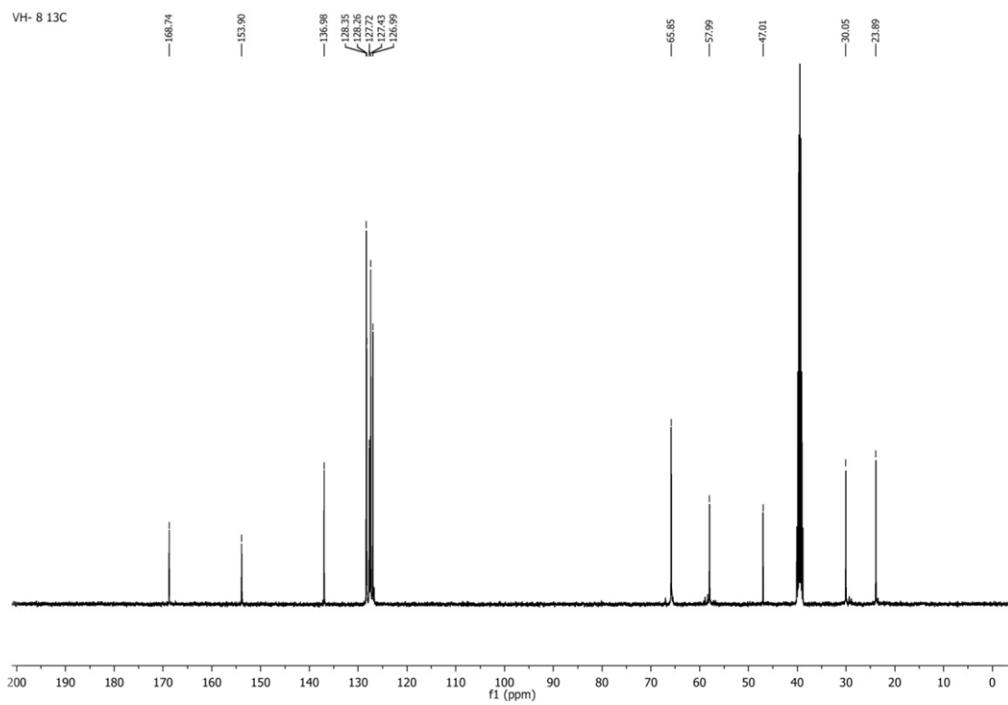
Figure 3. ^1H NMR spectrum of compound **2b****Figure 4.** ^{13}C NMR spectrum of compound **2b**

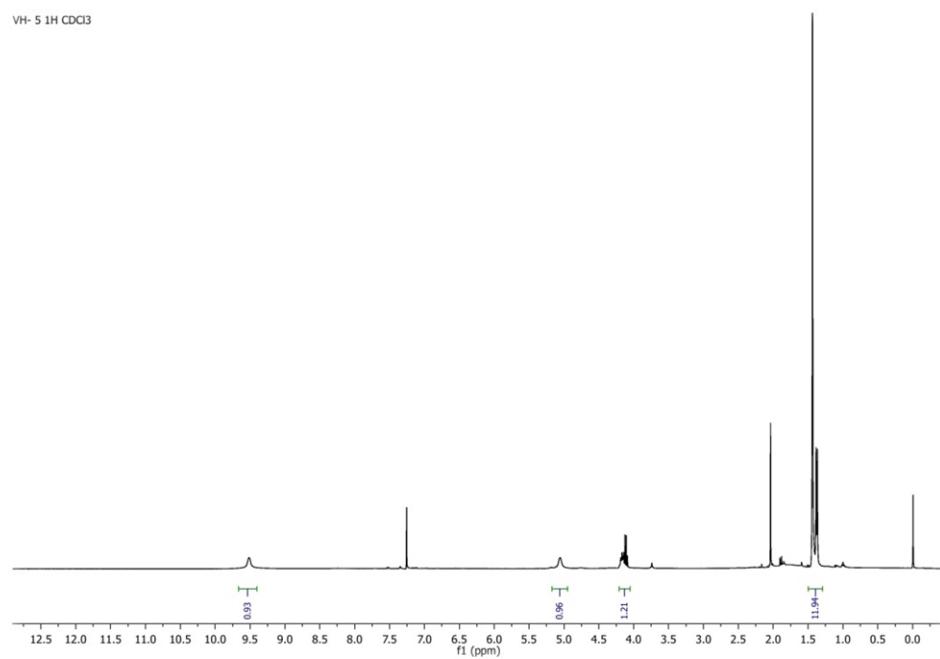
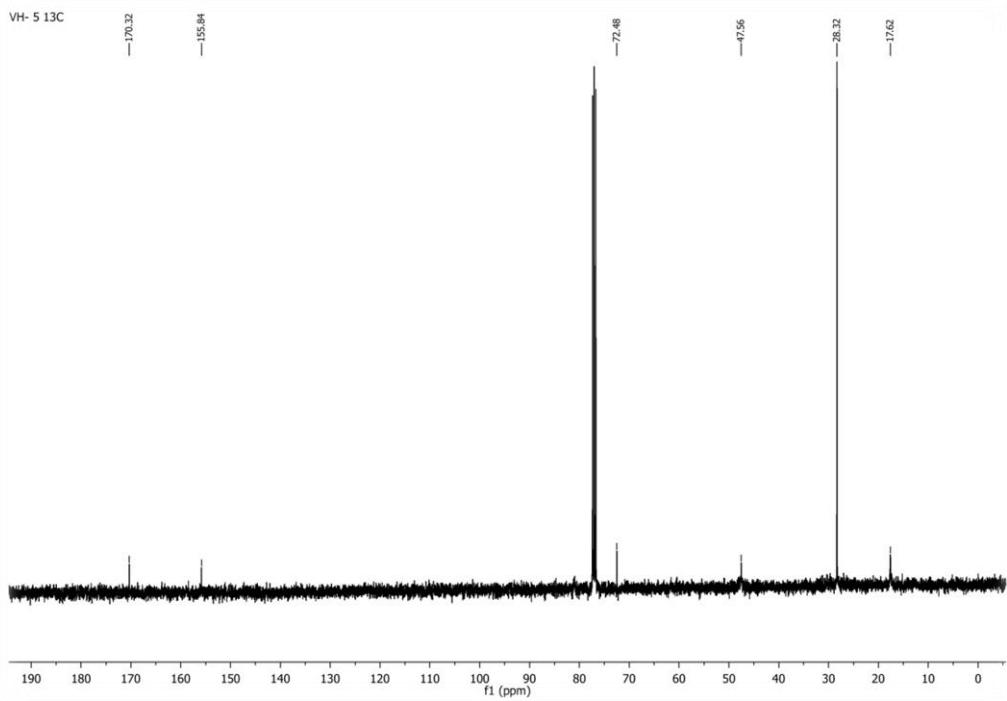
Figure 5. ^1H NMR spectrum of compound **2c****Figure 6.** ^{13}C NMR spectrum of compound **2c**

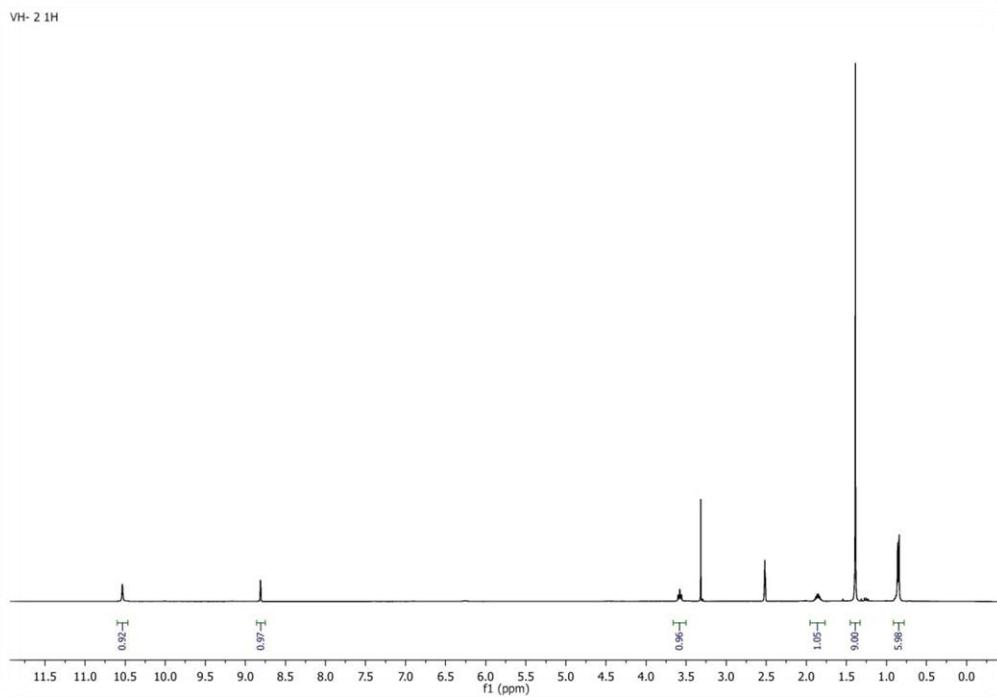
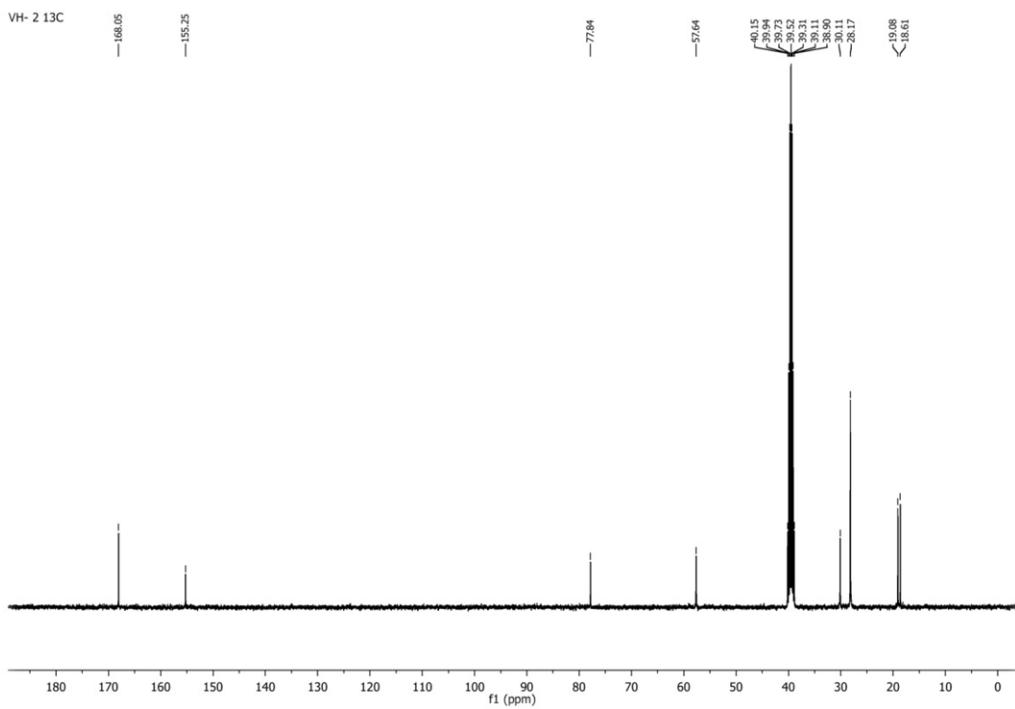
Figure 7. ^1H NMR spectrum of compound **2d****Figure 8.** ^{13}C NMR spectrum of compound **2d**

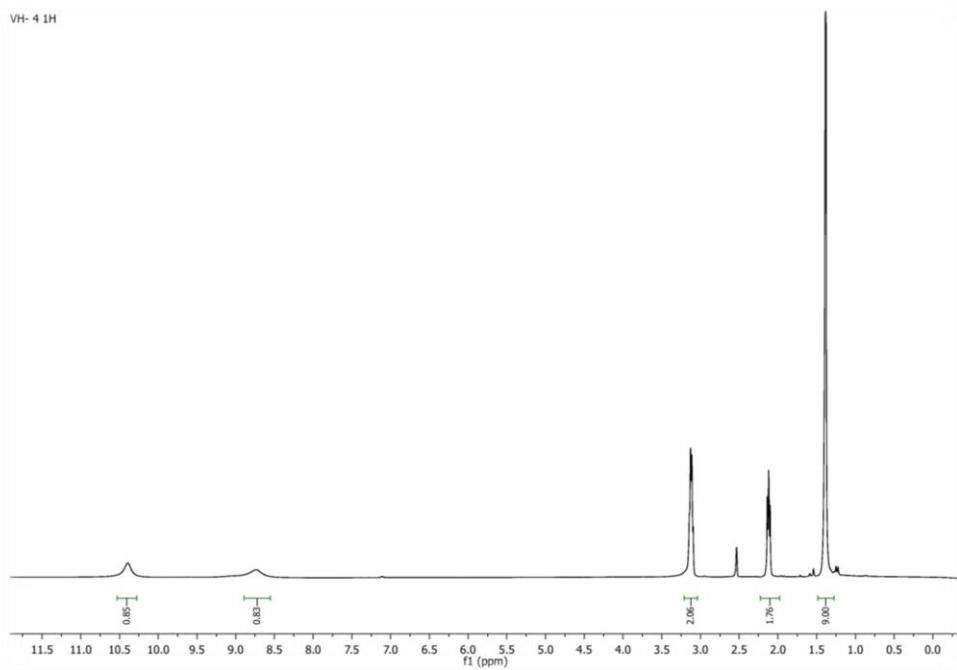
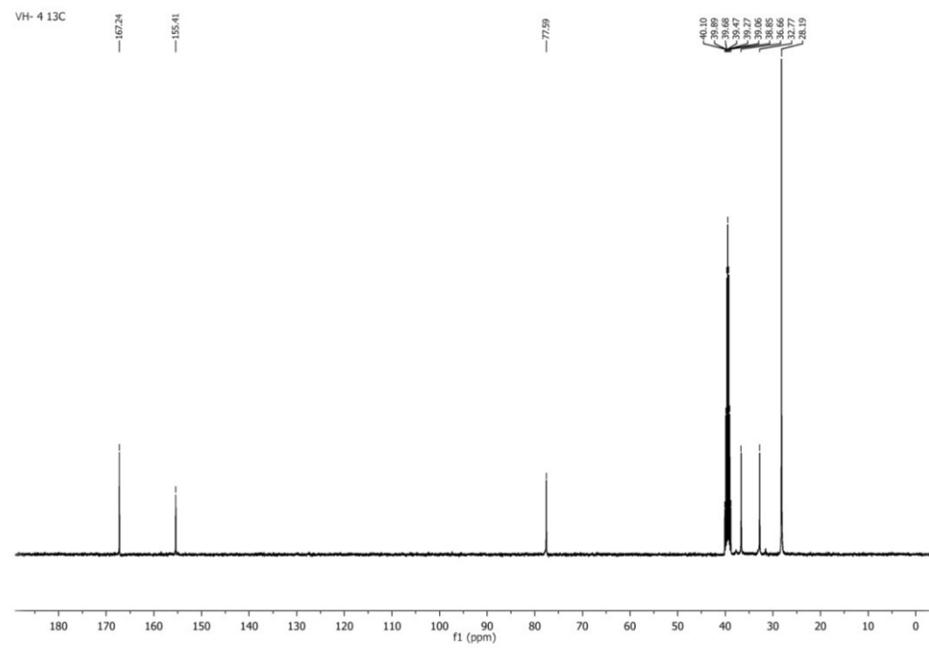
Figure 9. ^1H NMR spectrum of compound **2e****Figure 10.** ^{13}C NMR spectrum of compound **2e**

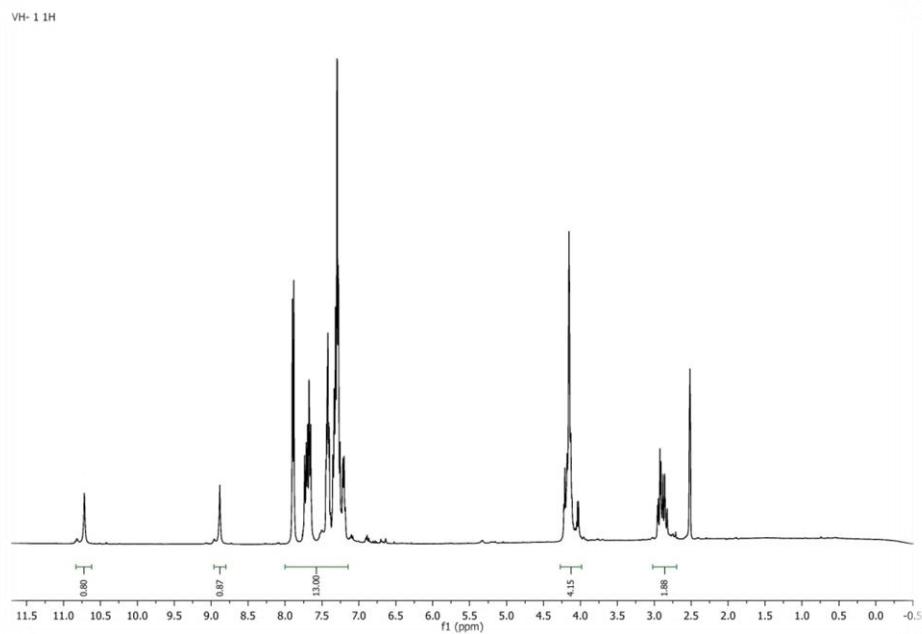
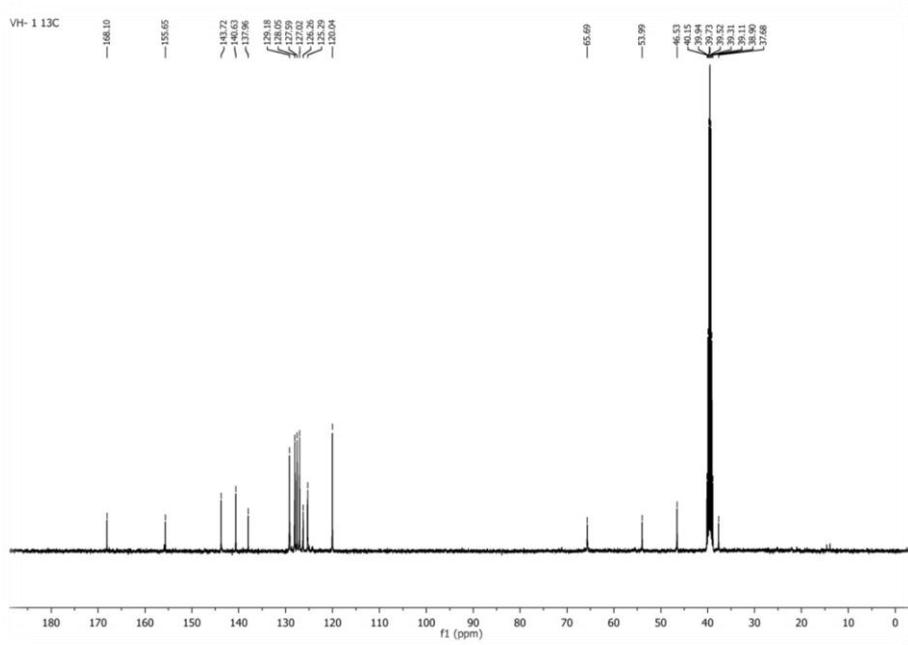
Figure 11. ^1H NMR spectrum of compound **2g****Figure 12.** ^{13}C NMR spectrum of compound **2g**

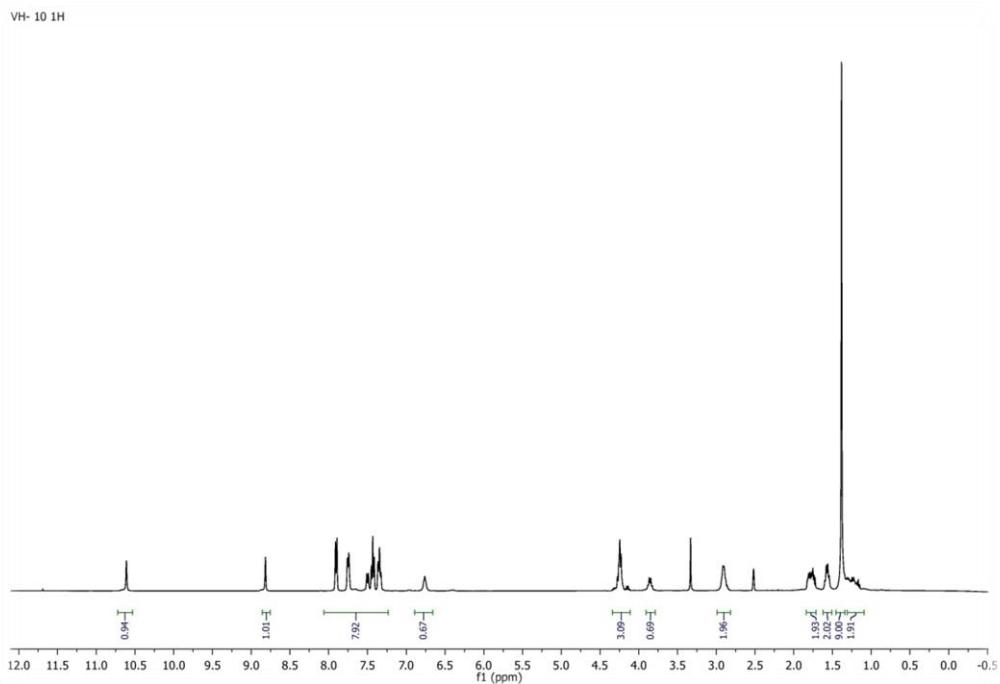
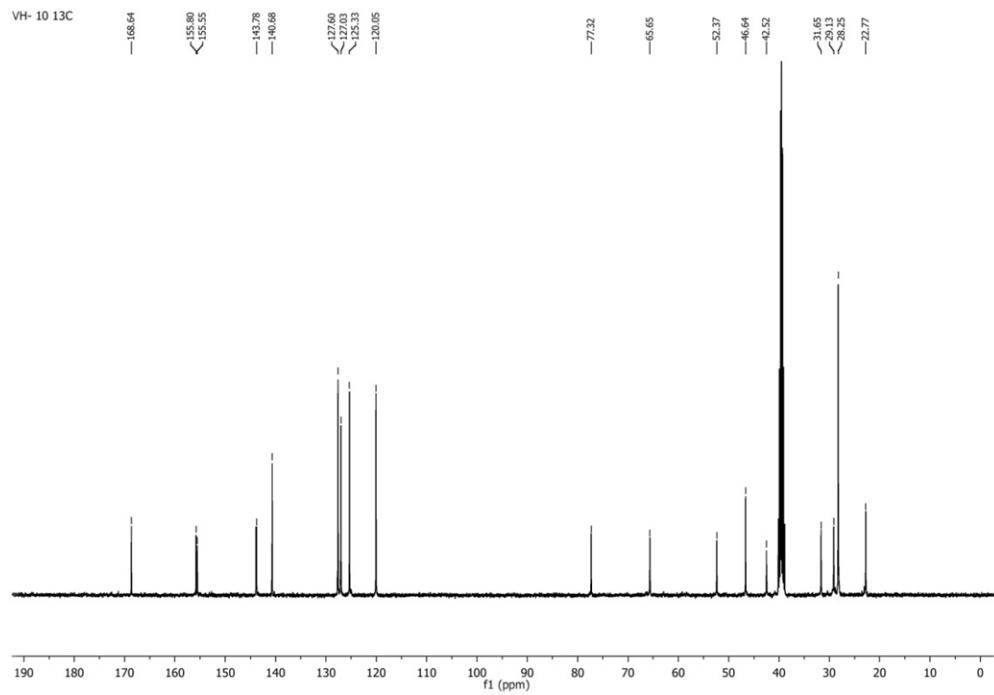
Figure 13. ^1H NMR spectrum of compound **2h****Figure 14.** ^{13}C NMR spectrum of compound **2h**

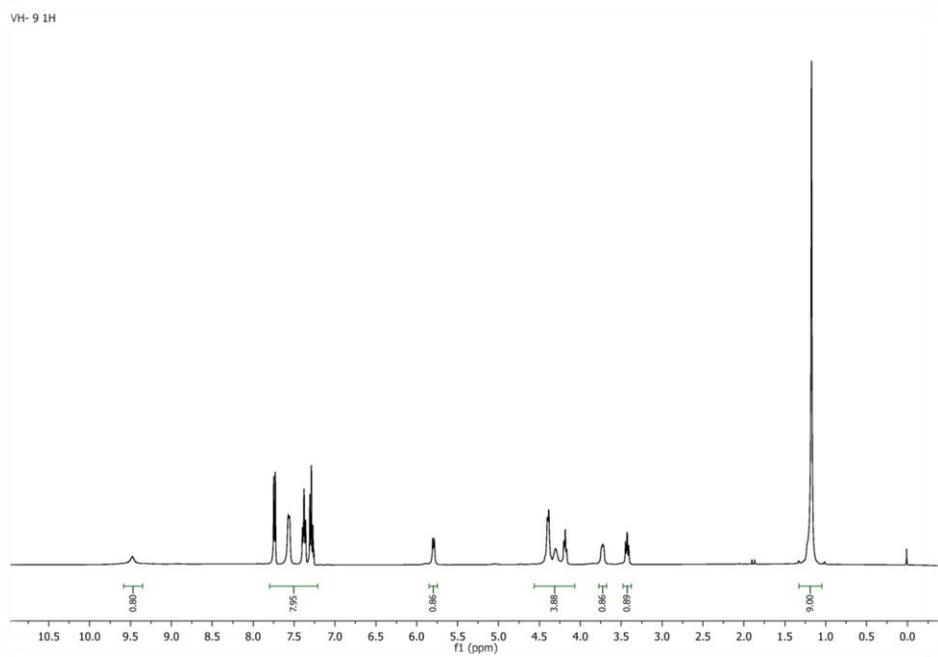
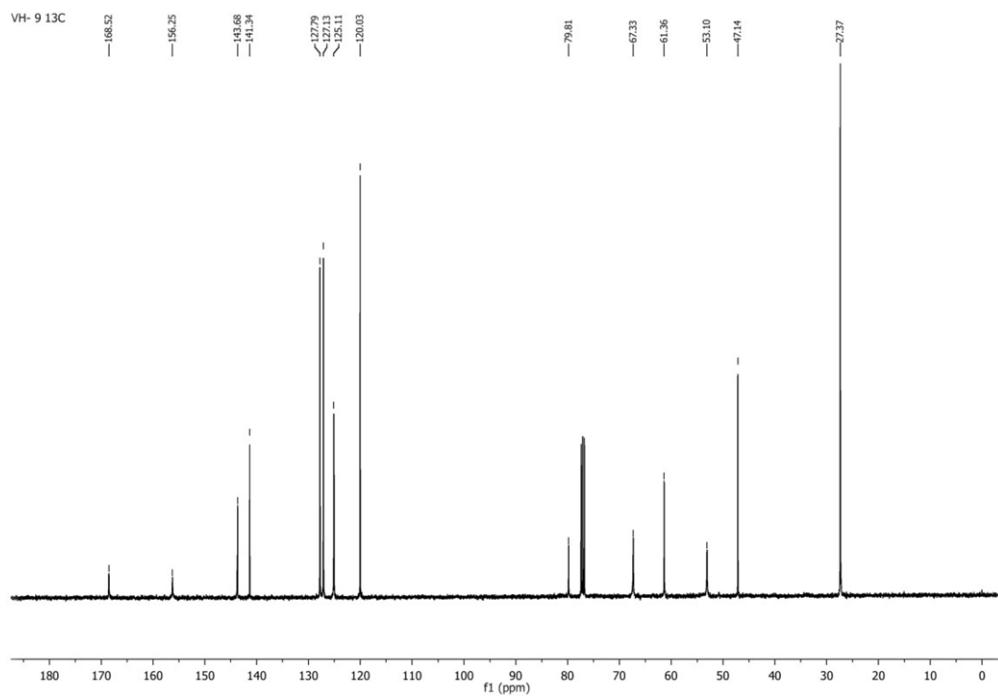
Figure 15. ^1H NMR spectrum of compound **2i****Figure 16.** ^{13}C NMR spectrum of compound **2i**

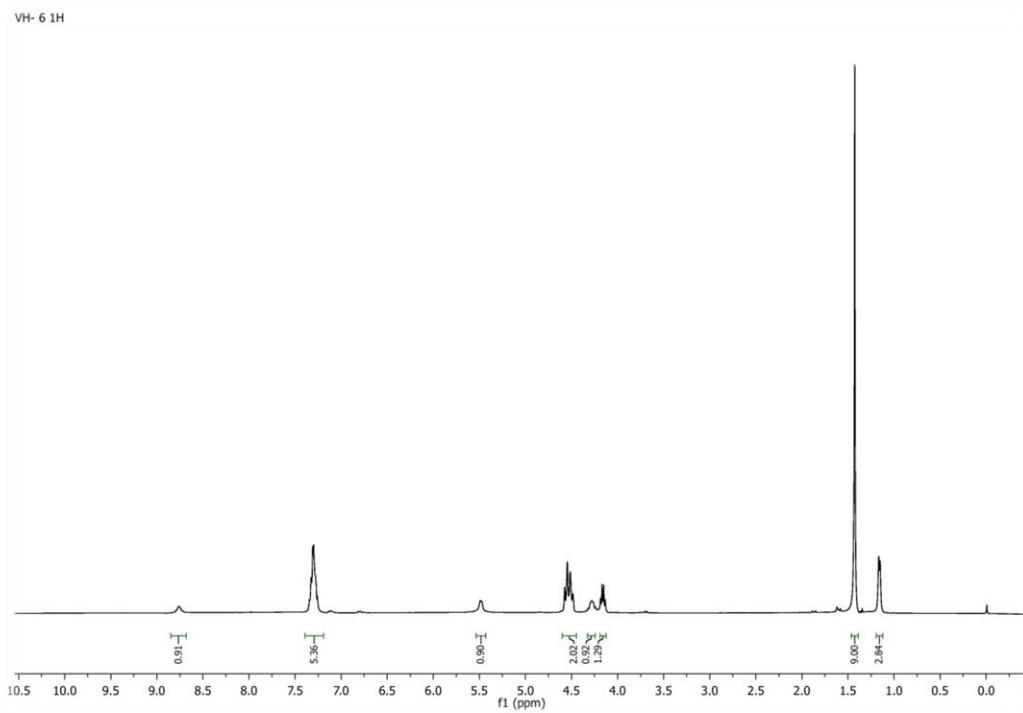
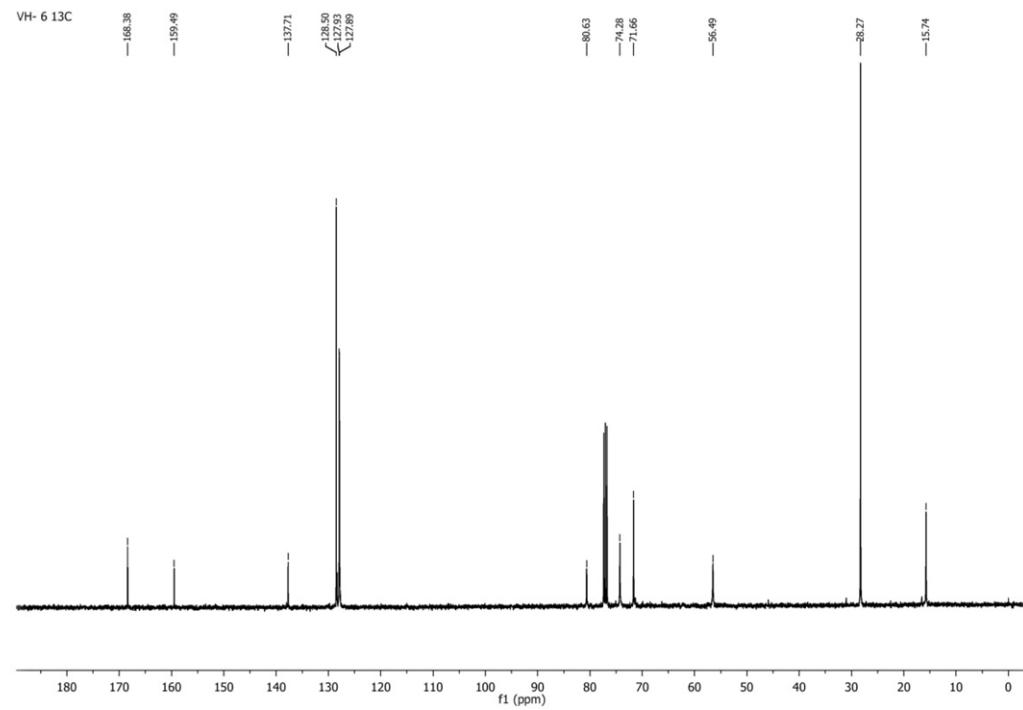
Figure 17. ^1H NMR spectrum of compound **2j****Figure 18.** ^{13}C NMR spectrum of compound **2j**

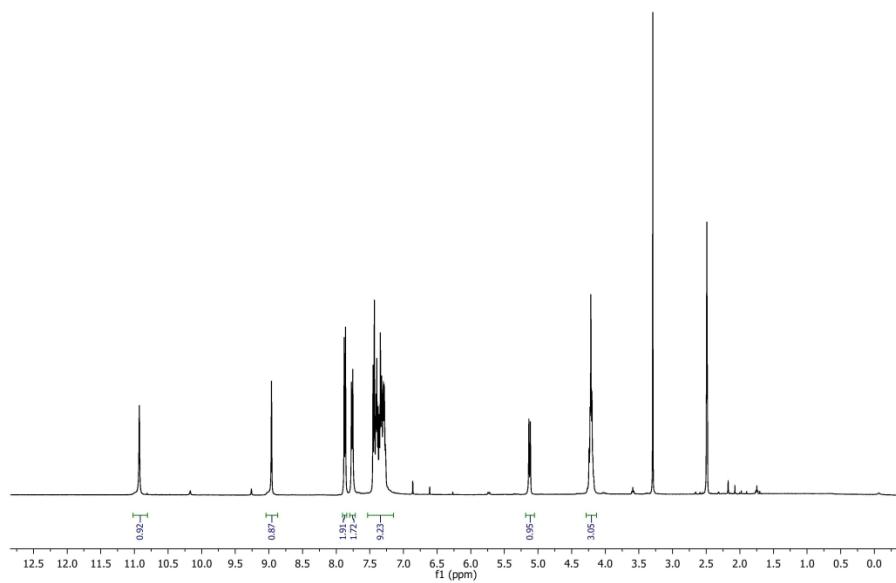
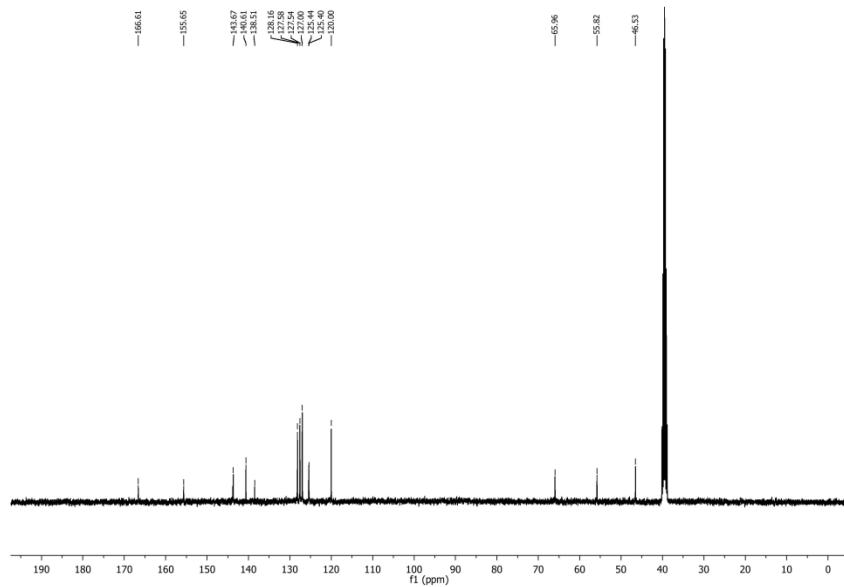
Figure 19. ^1H NMR spectrum of compound **2k****Figure 20.** ^{13}C NMR spectrum of compound **2k**

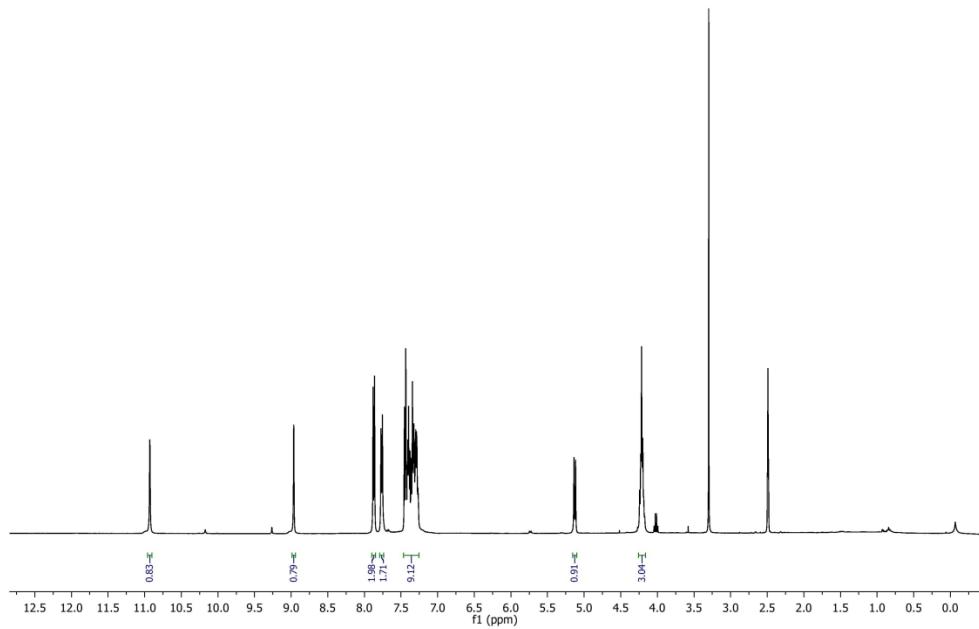
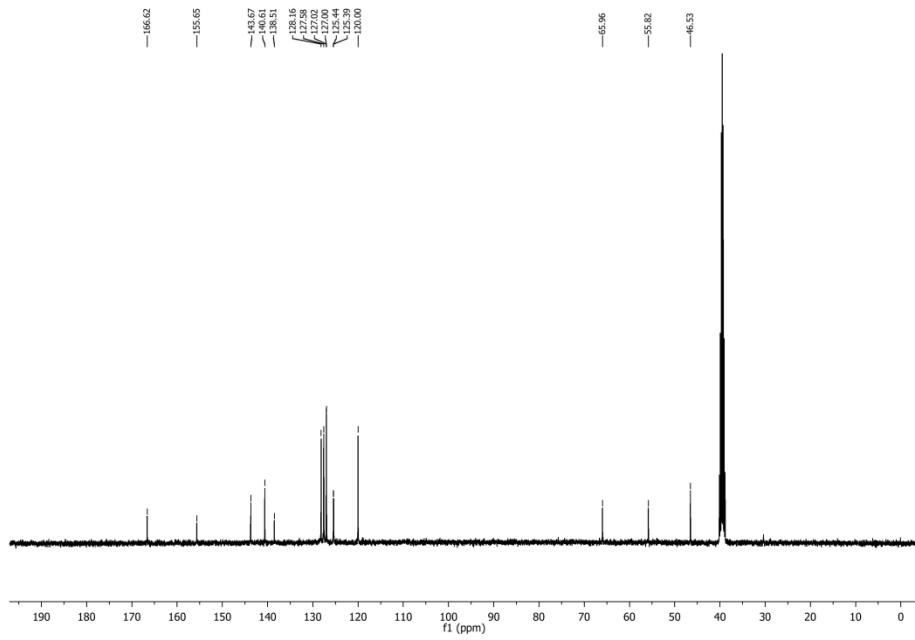
Figure 21. ^1H NMR spectrum of compound **2k*****Figure 22.** ^{13}C NMR spectrum of compound **2k***

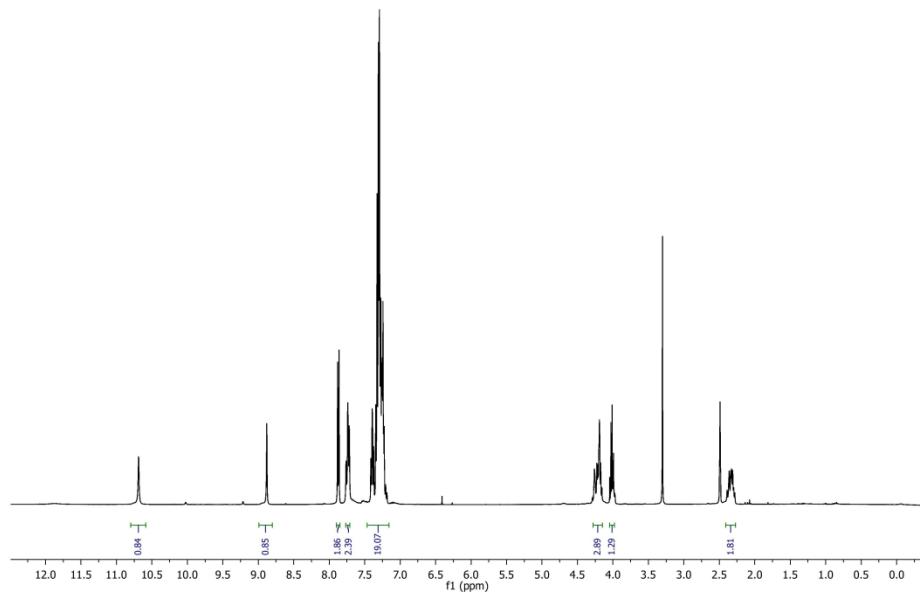
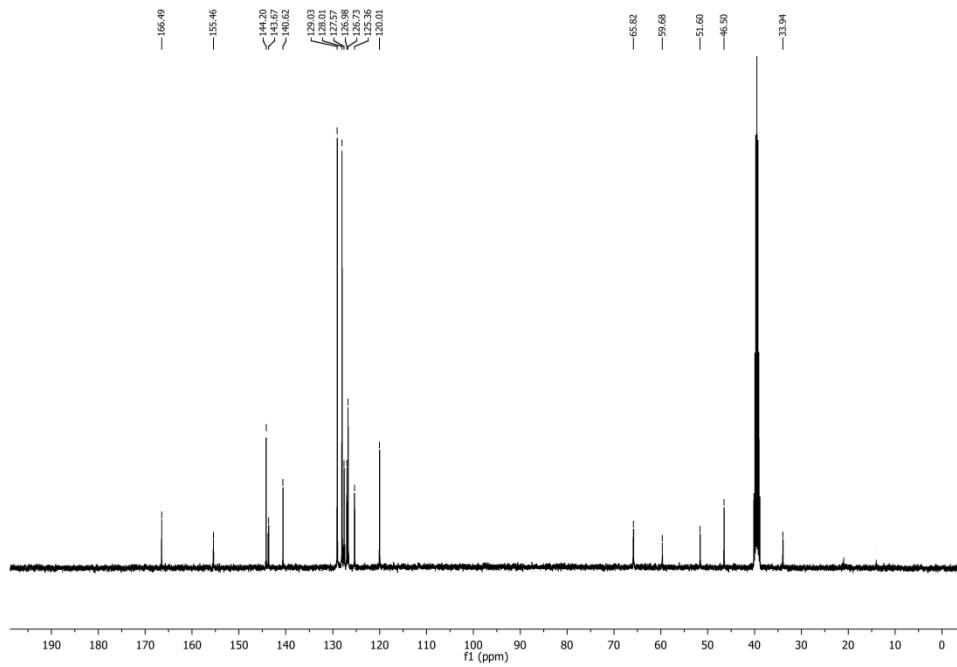
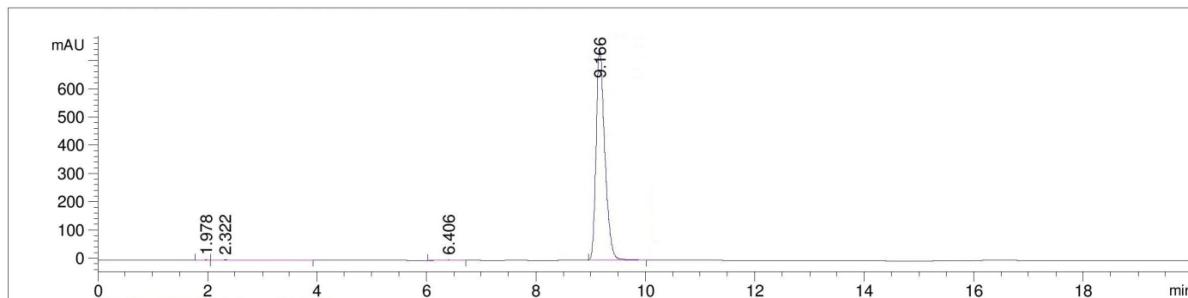
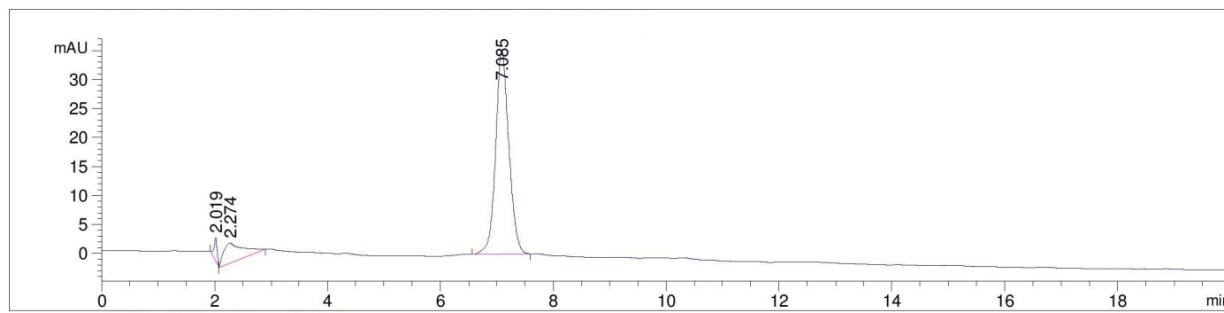
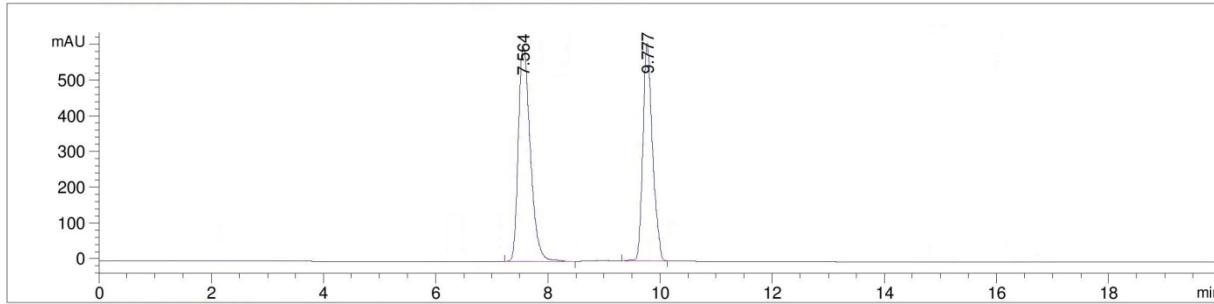
Figure 23. ^1H NMR spectrum of compound 2I**Figure 24.** ^{13}C NMR spectrum of compound 2I

Figure 25. RP-HPLC profile of **2K****Figure 26.** RP-HPLC profile of **2k*****Figure 27.** RP-HPLC profile of equimolar mixture of **2k** and **2k***

The RP-HPLC analysis of epimers was carried out using an Agilent instrument (method: gradient 0.1% TFA water-acetonitrile (0–100%) in 20 min; VWD at λ 254 nm; flow rate: 1.0 mL/min; column: Agilent Eclipse, XDB-C18, pore size 5 μm , diameter \times length = 4.6 \times 150 nm)