
Supplementary Materials

Synthesis of Dinaphtho[2,3-*d*:2',3'-*d'*]anthra[1,2-*b*:5,6-*b'*]dithiophene (DNADT) Derivatives: Effect of Alkyl Chains on Transistor Properties

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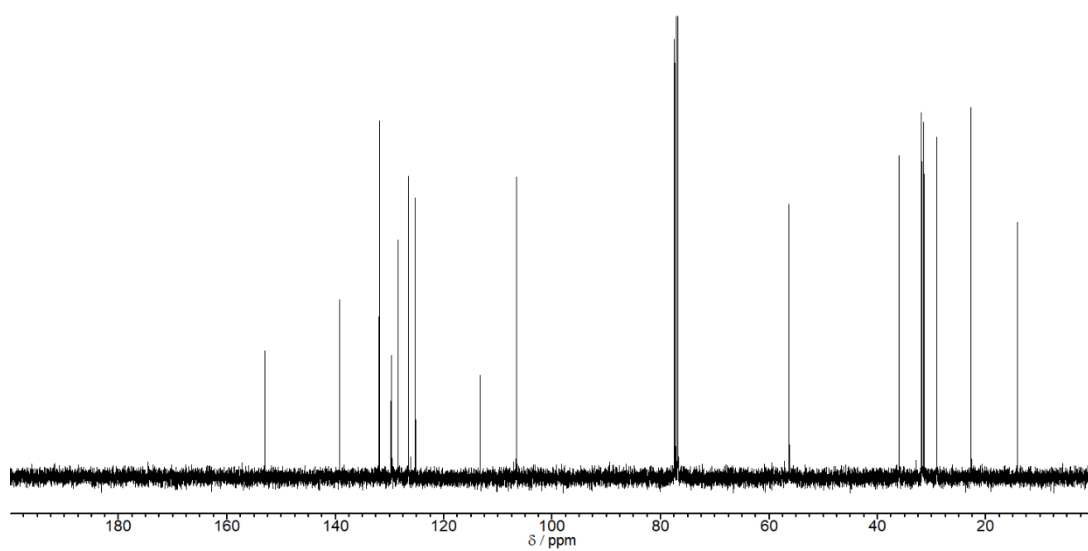
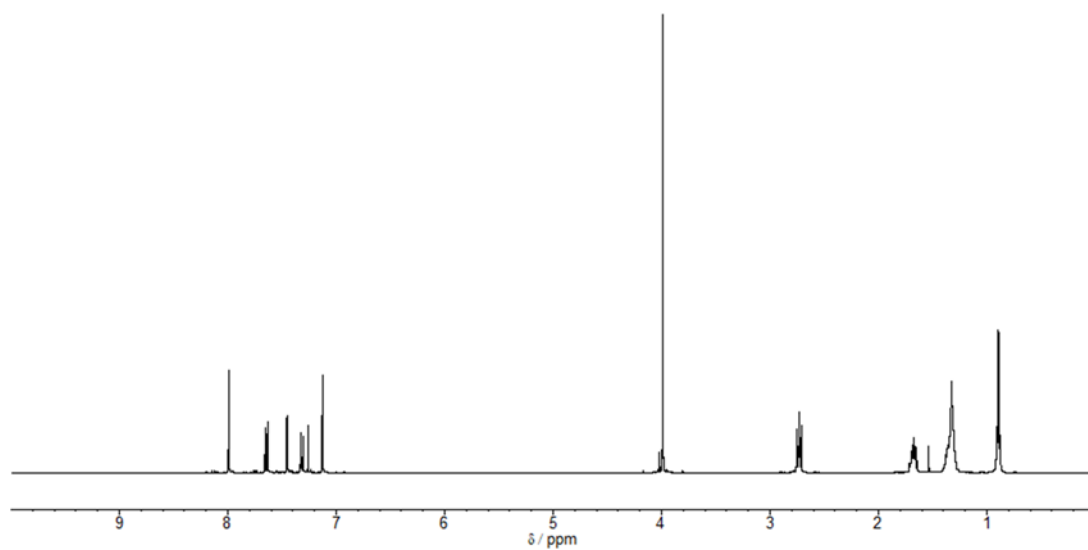
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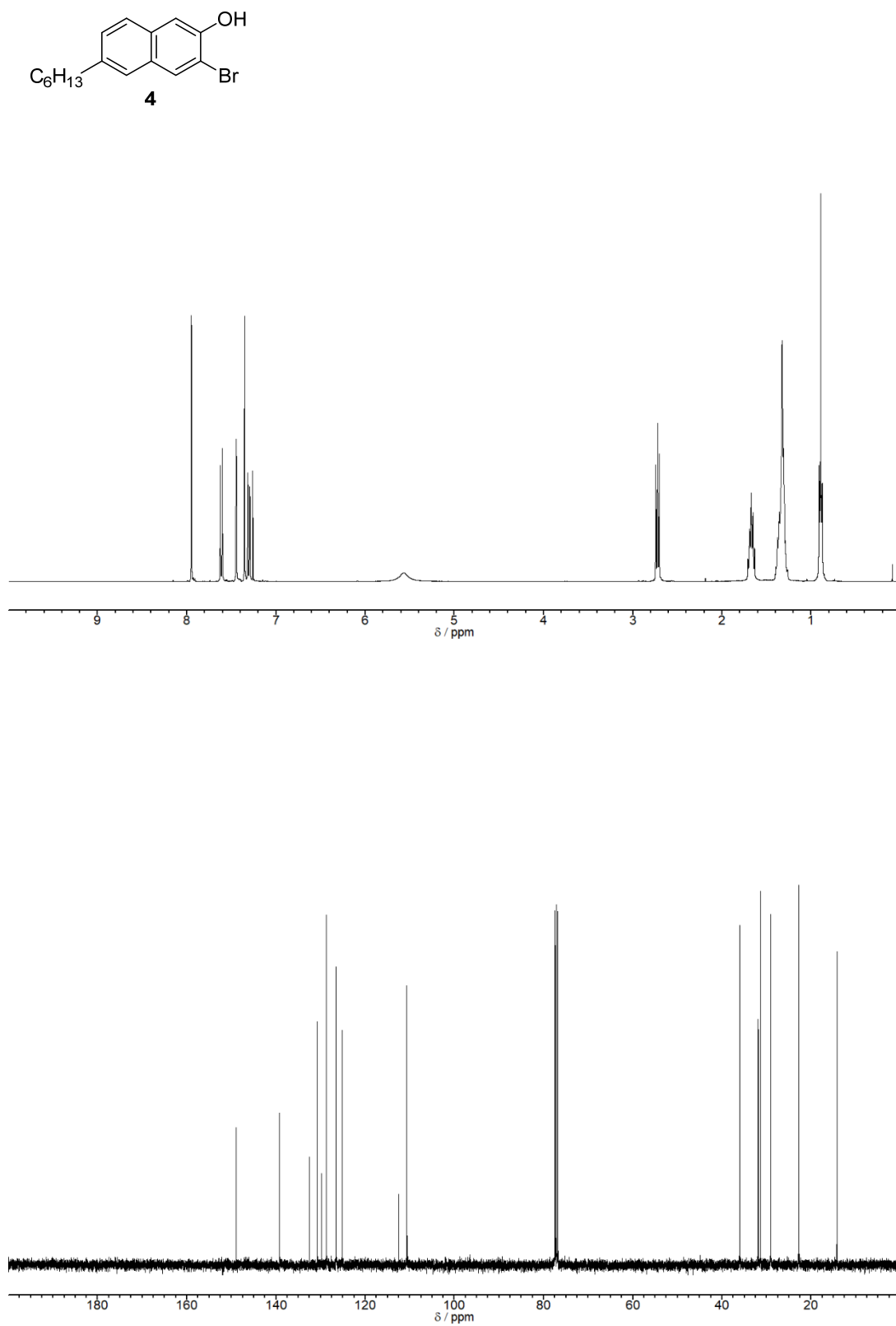
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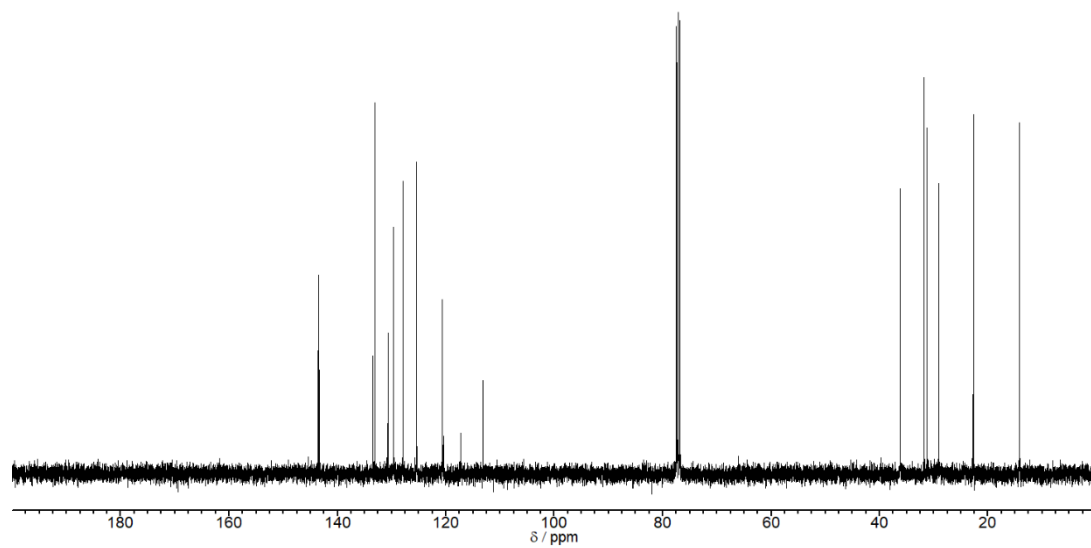
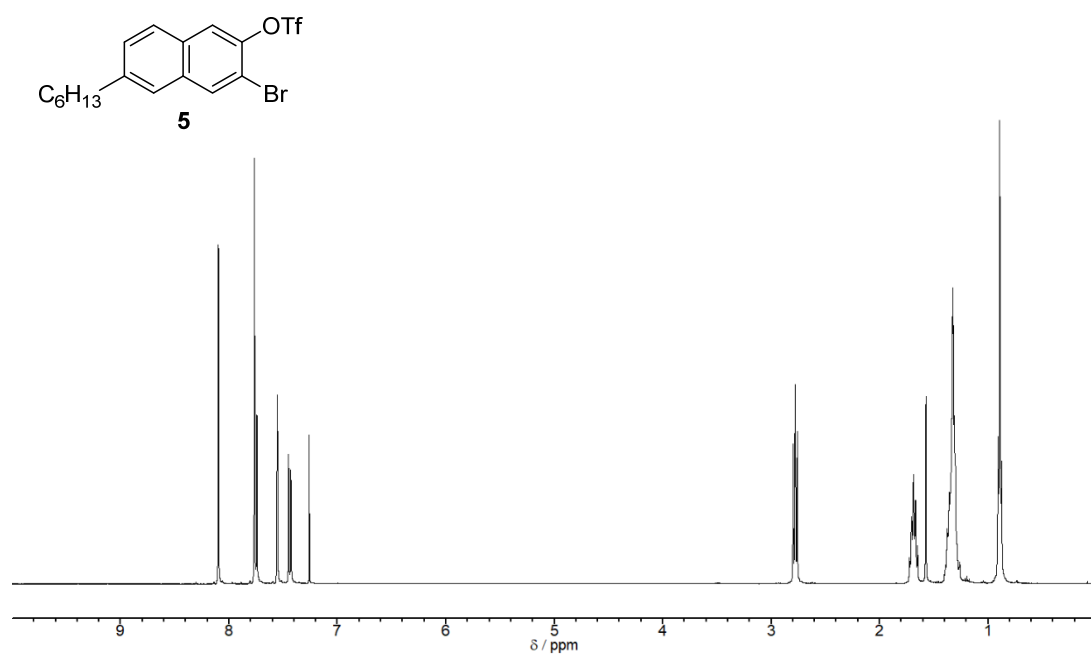
Copies of NMR Spectra

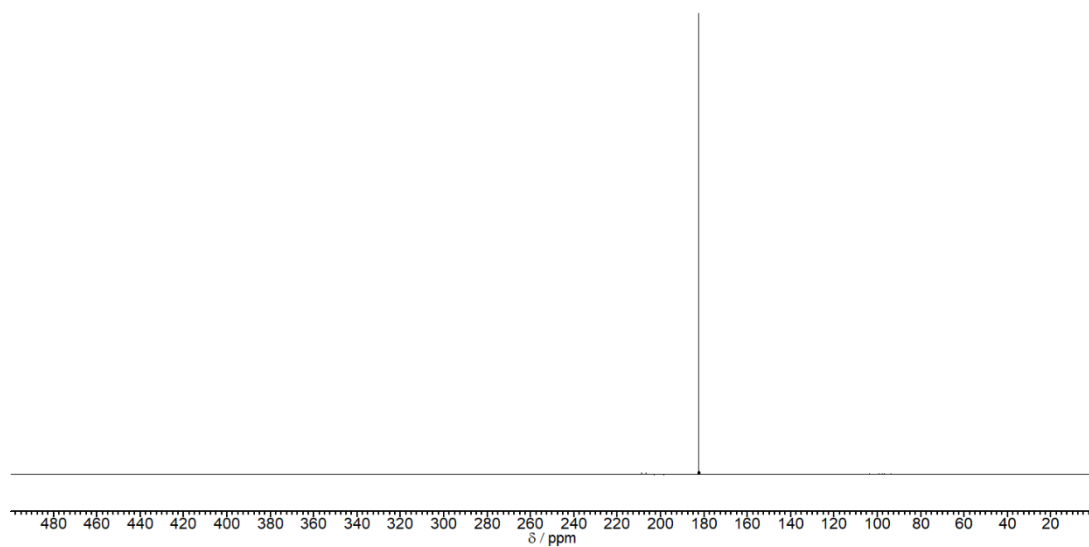


^1H NMR (400 MHz), and $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz) spectra of **3** (CDCl_3 , rt).

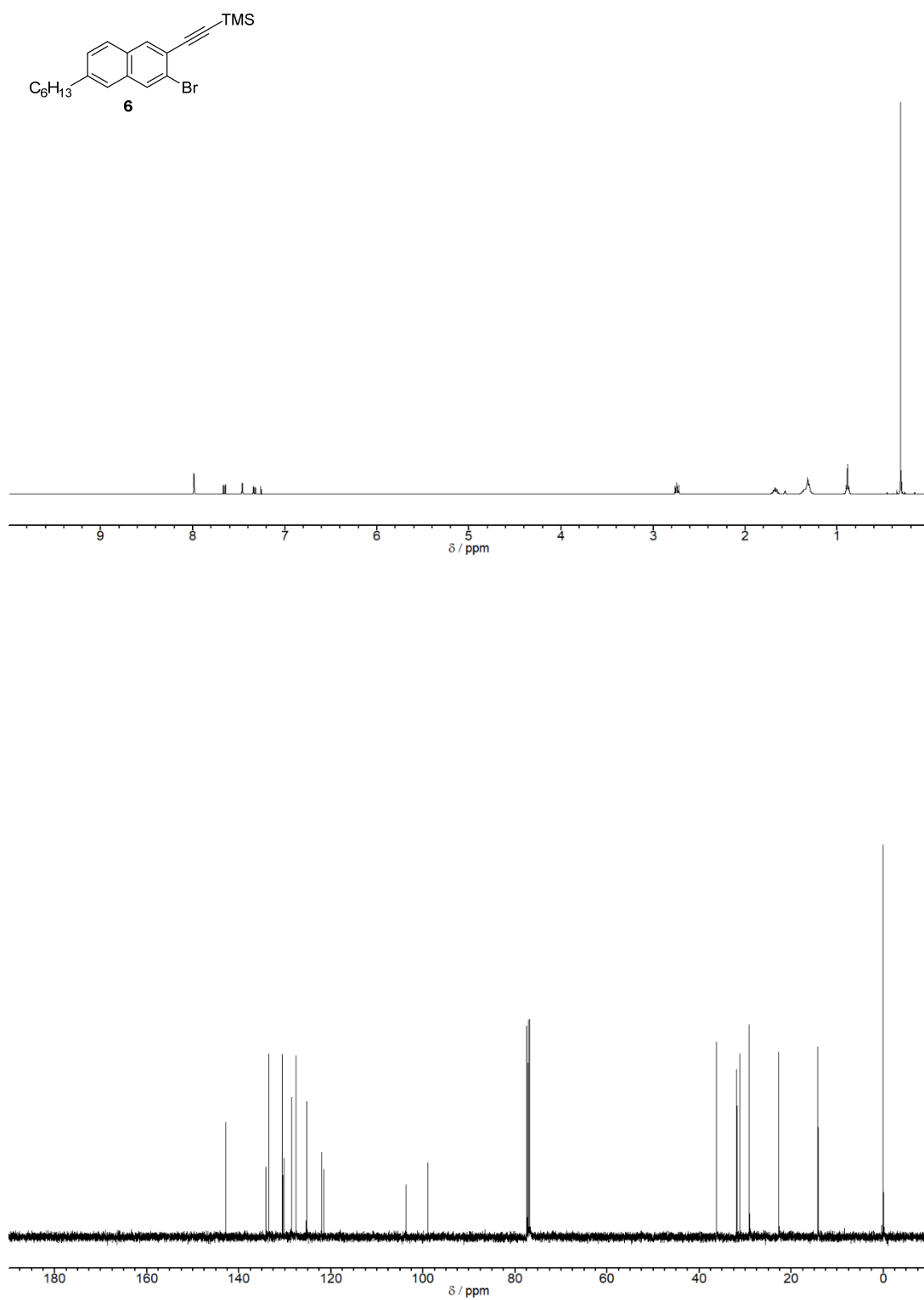


^1H NMR (400 MHz), and $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz) spectra of **4** (CDCl_3 , rt).

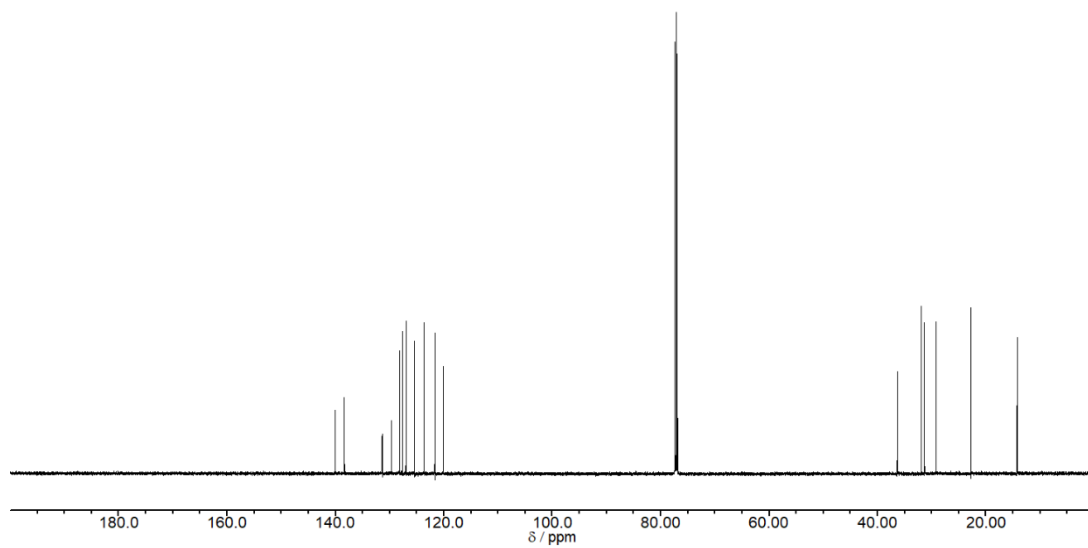
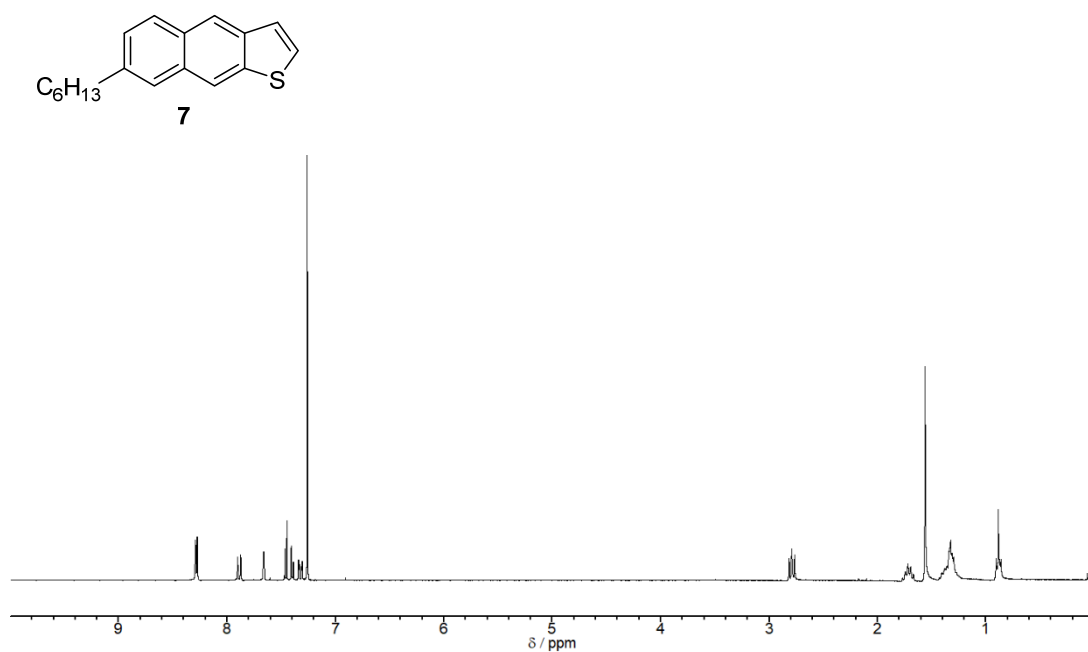




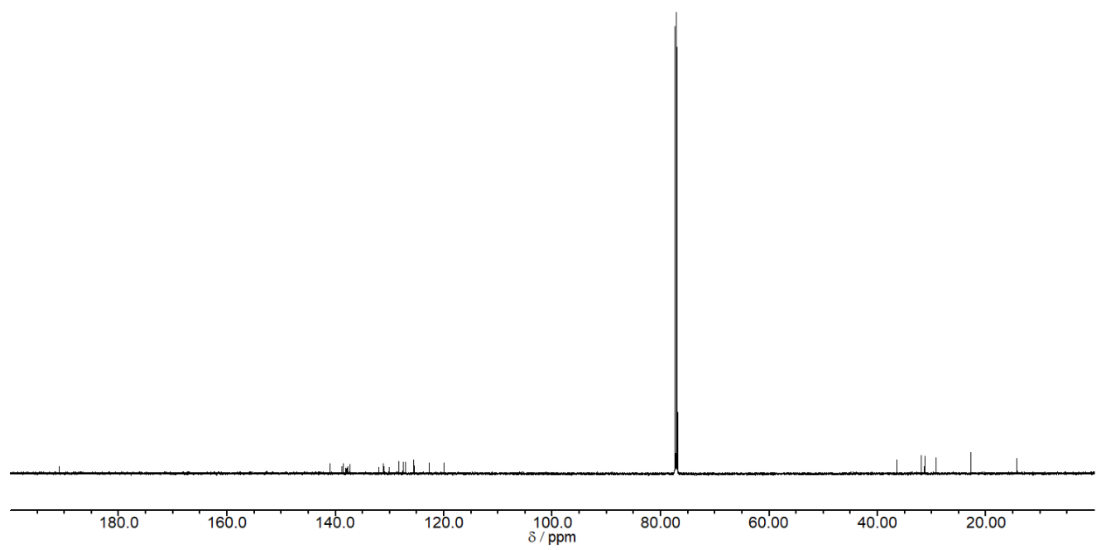
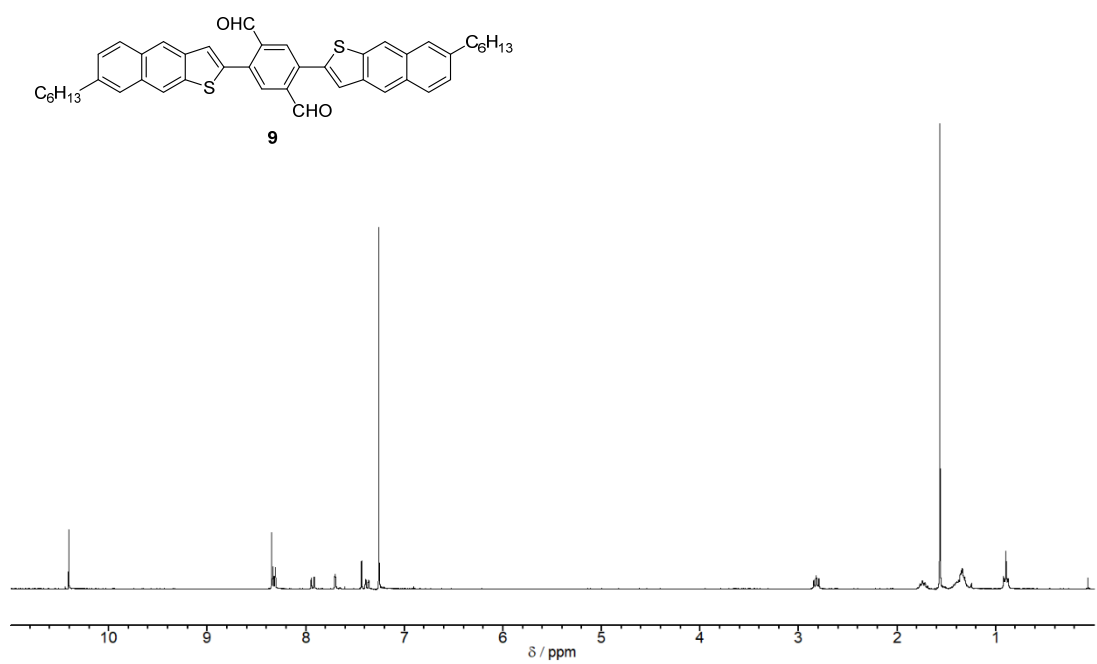
^1H NMR (600 MHz), $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz) and $^{19}\text{F}\{^1\text{H}\}$ NMR (376 MHz) spectra of **5** (CDCl_3 , rt).



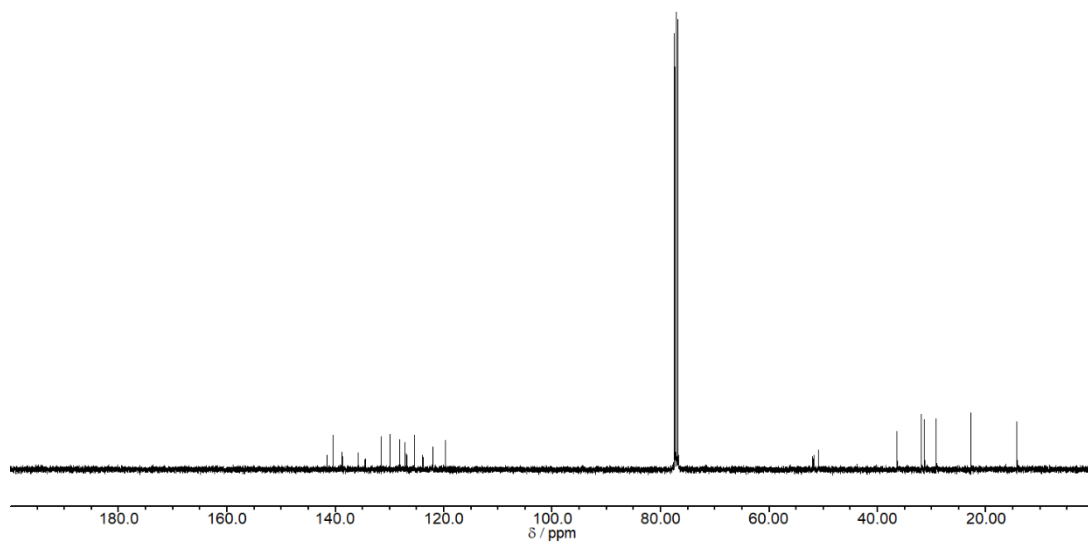
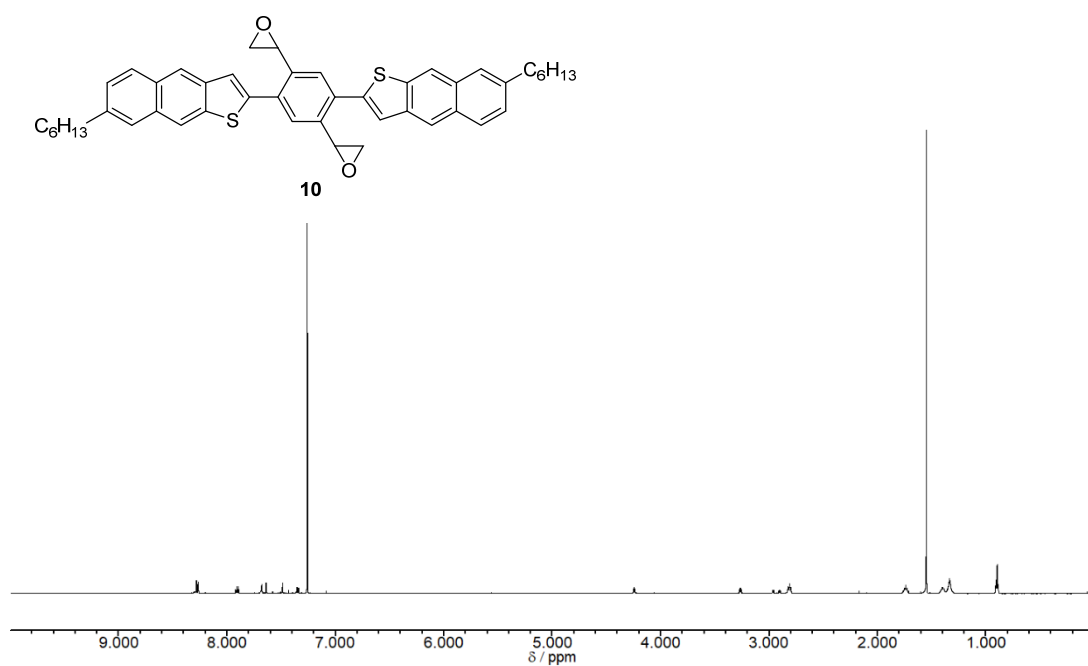
¹H NMR (400 MHz), and ¹³C{¹H} NMR (150 MHz) spectra of **6** (CDCl₃, rt).



^1H NMR (300 MHz) and $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz) spectra of **7** (CDCl_3 , rt).



^1H NMR (600 MHz), and $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz) spectra of **9** (CDCl_3 , rt).



^1H NMR (600 MHz), and $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz) spectra of **10** (CDCl_3 , rt).