

Electronic Supplementary Information

**Synthesis and Spectroscopic Properties of β,β' -Dibenzo-
3,5,8-triaryl-BODIPYs**

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Part I. ^1H , ^{11}B , ^{13}C and ^{19}F NMR spectra

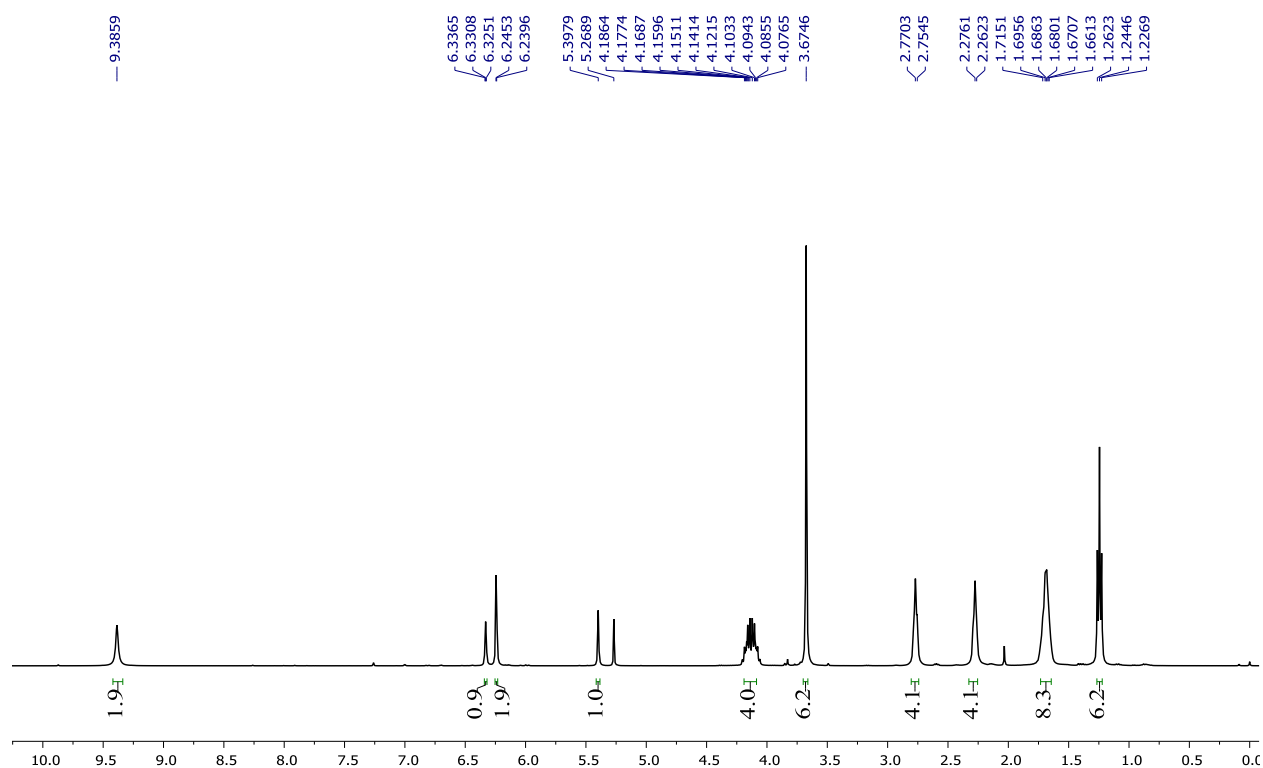


Figure S1: ^1H NMR of Dipyrrromethane **3b**

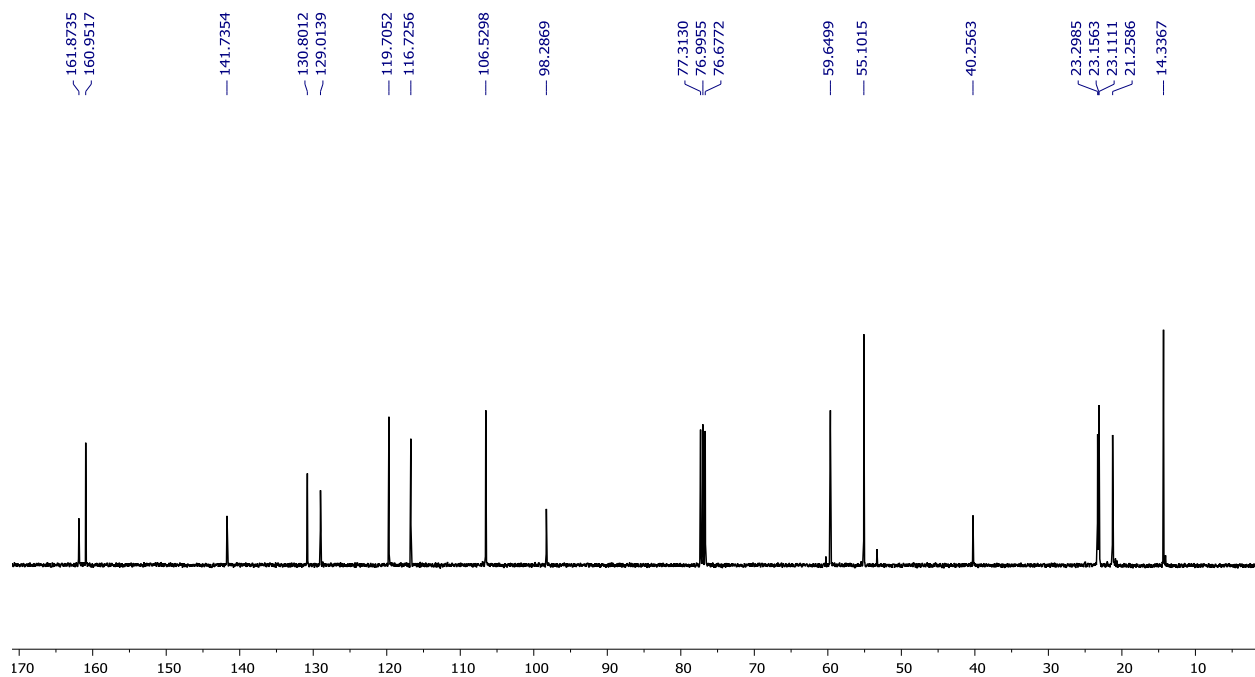


Figure S2: ^{13}C NMR of Dipyrrromethane **3b**

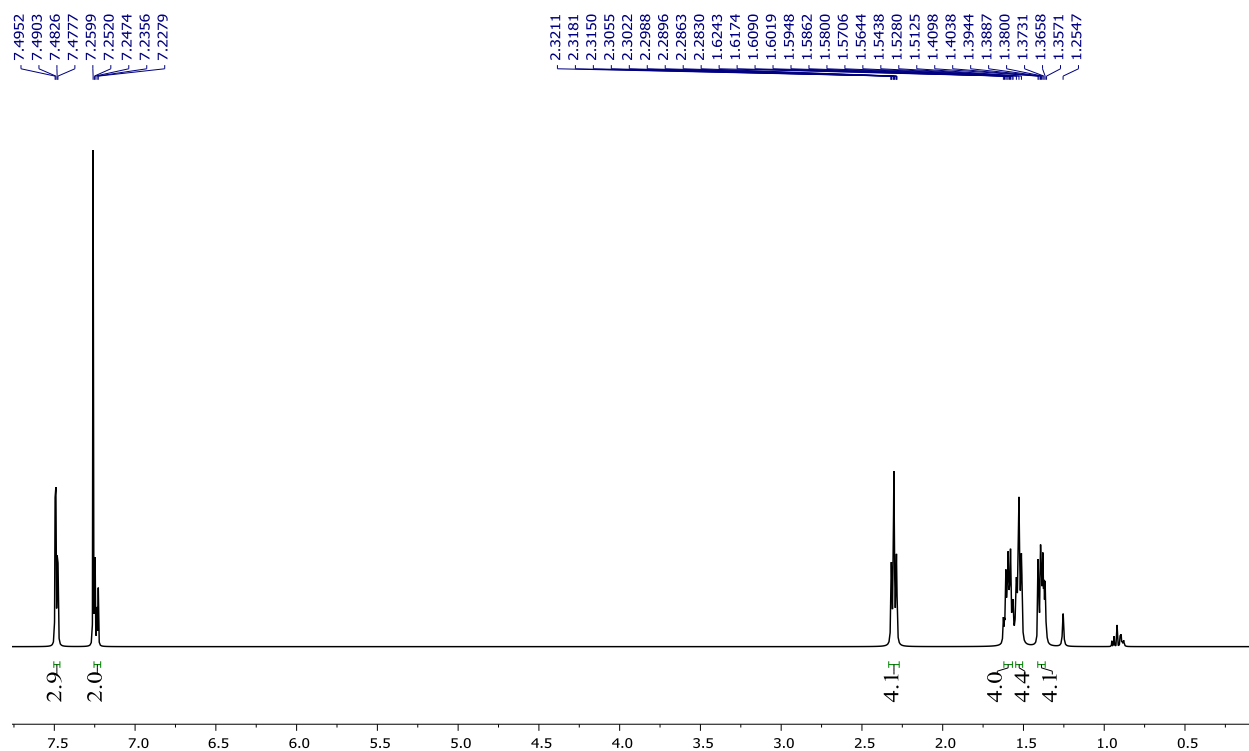


Figure S3: ¹H NMR of BODIPY 1a

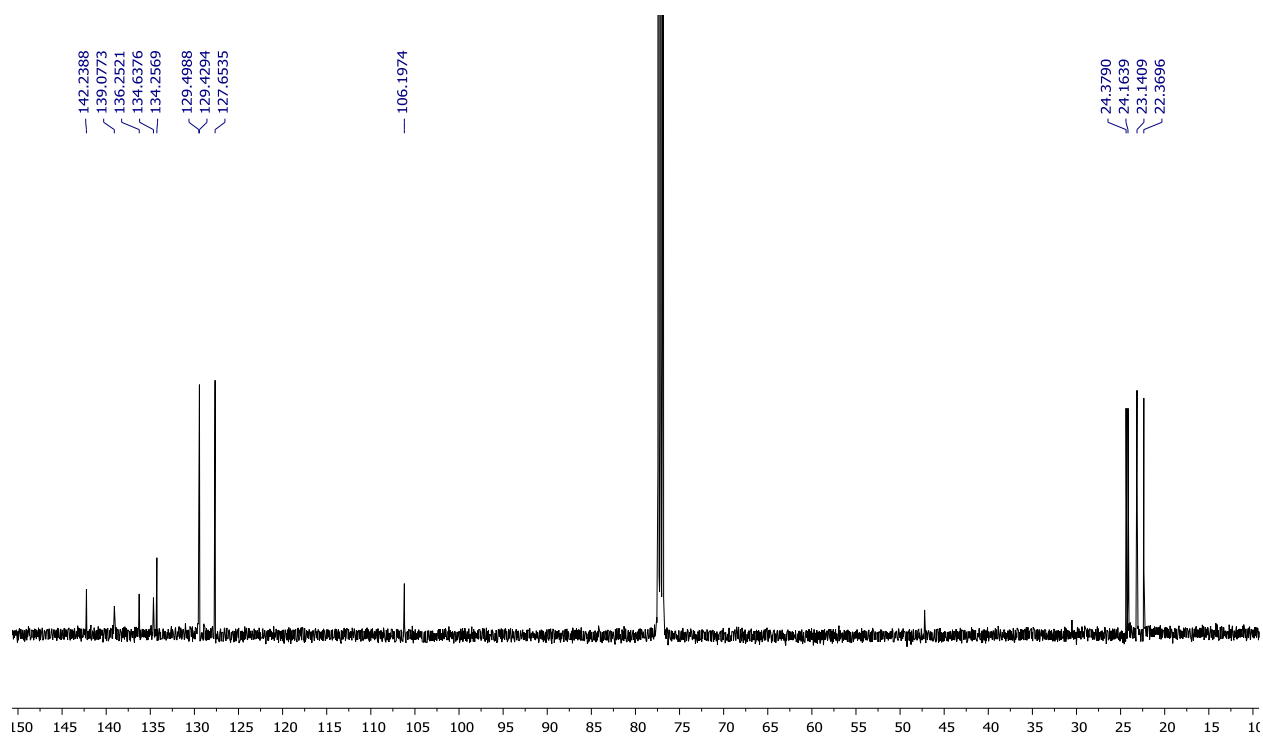


Figure S4: ¹³C NMR of BODIPY 1a

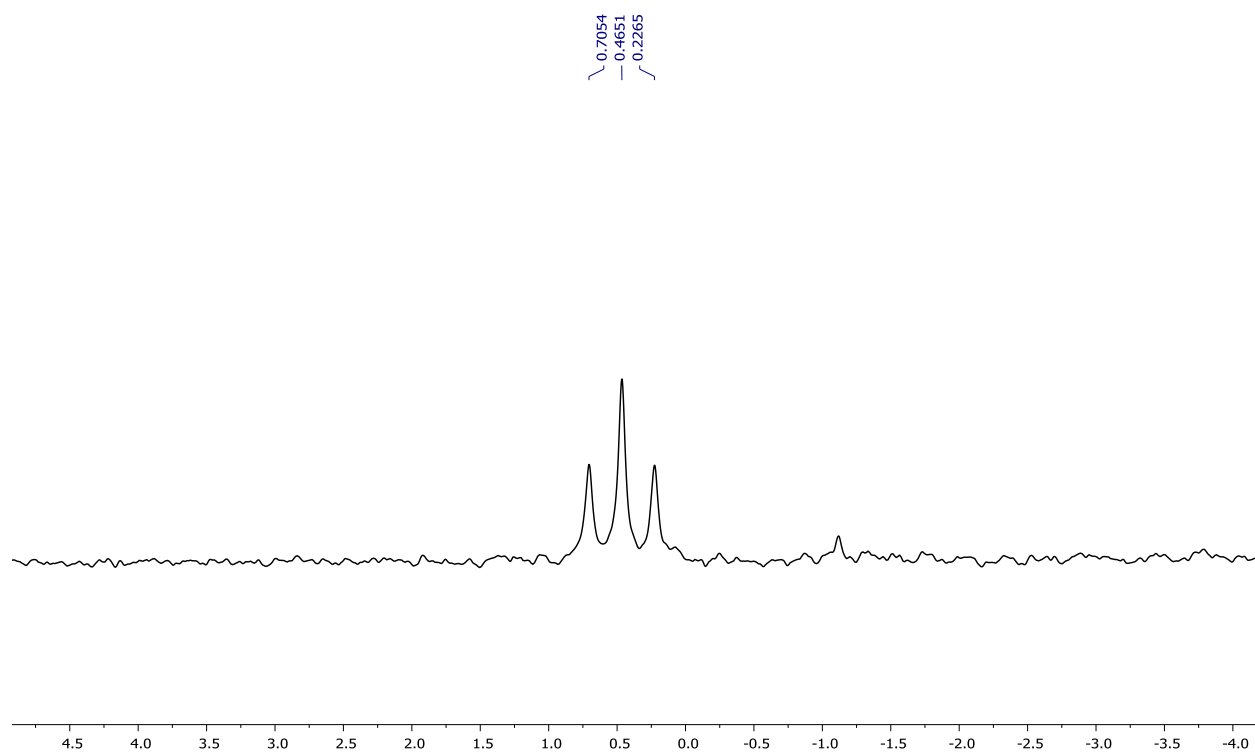


Figure S5: ^{11}B NMR of BODIPY 1a

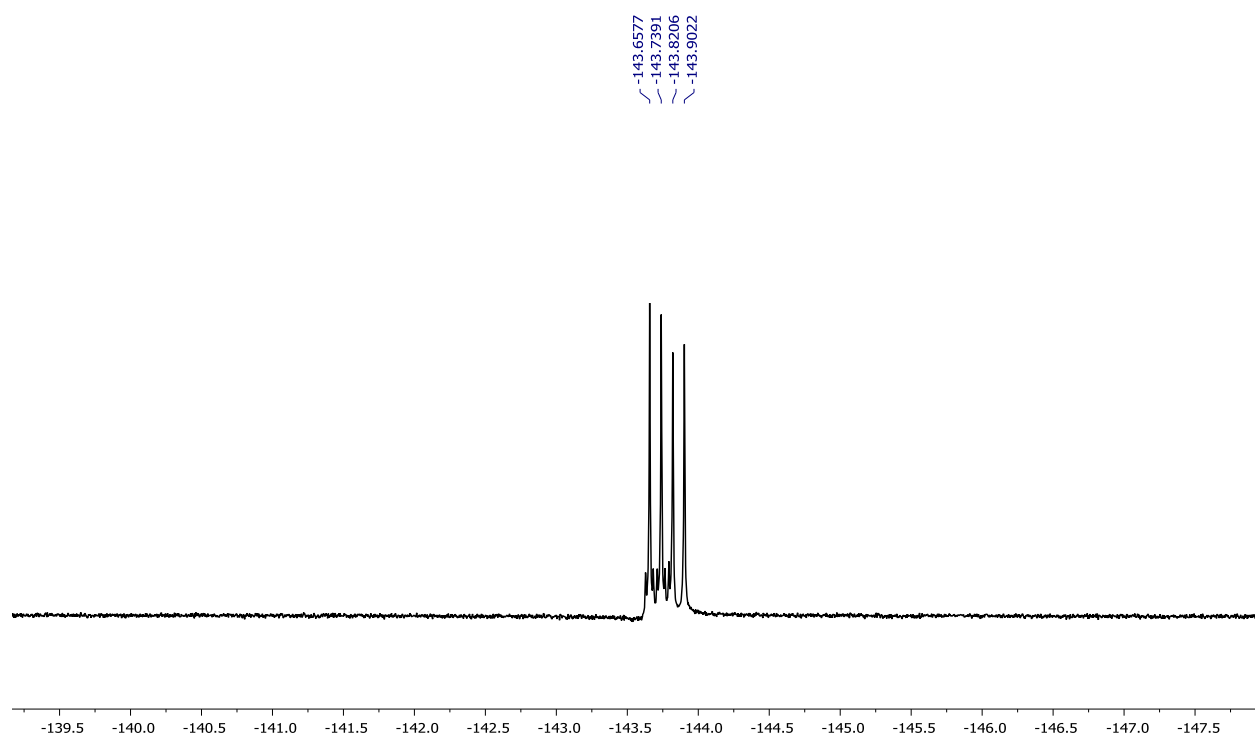


Figure S6: ^{19}F NMR of BODIPY 1a

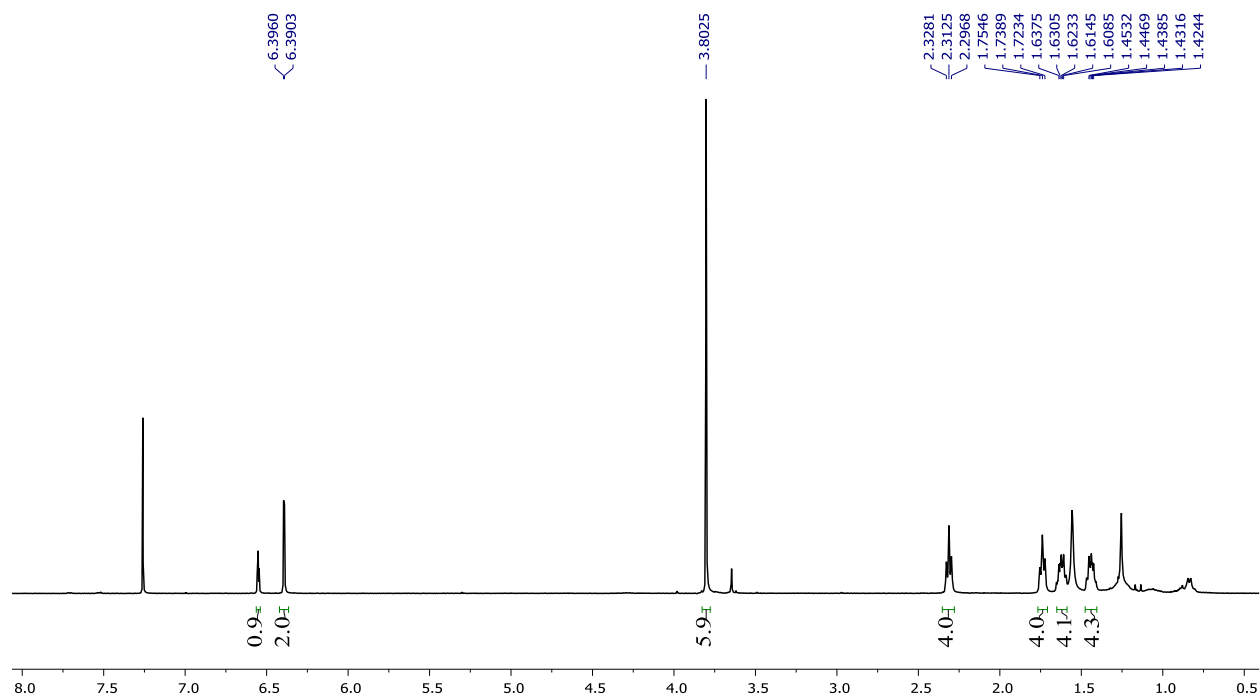


Figure S7: ¹H NMR of BODIPY 1b

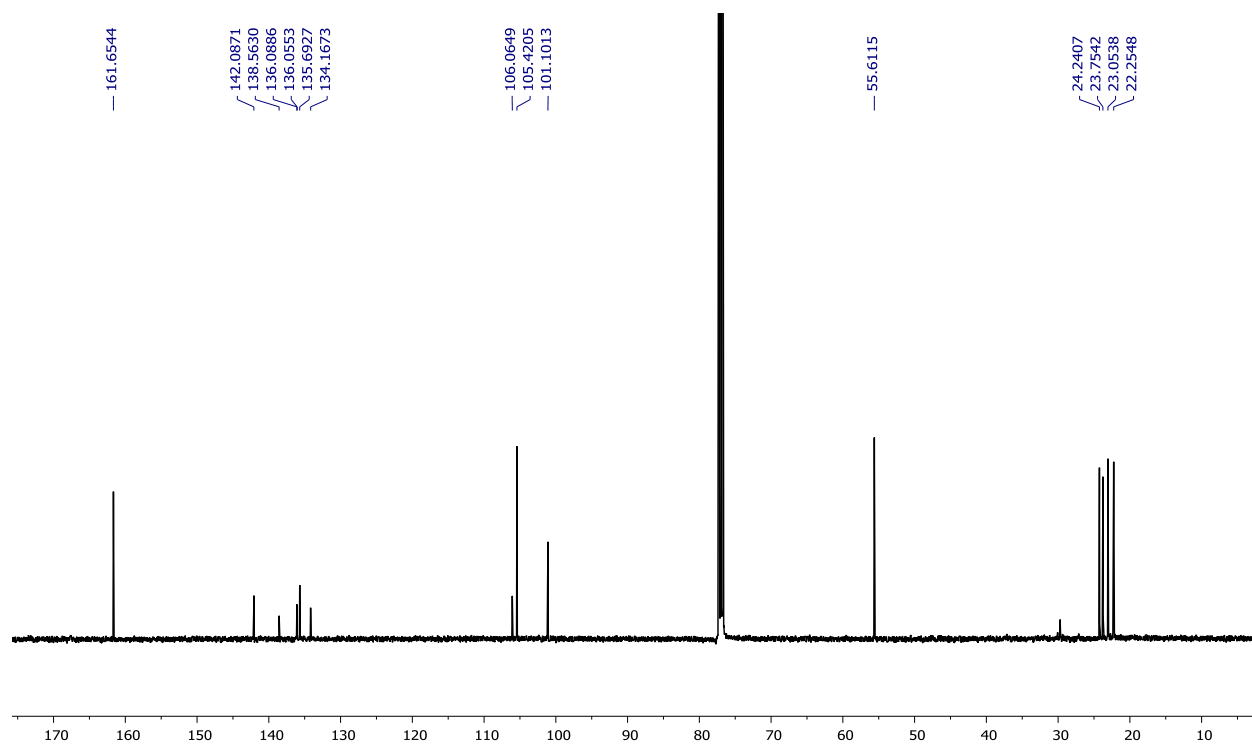


Figure S8: ¹³C NMR of BODIPY 1b

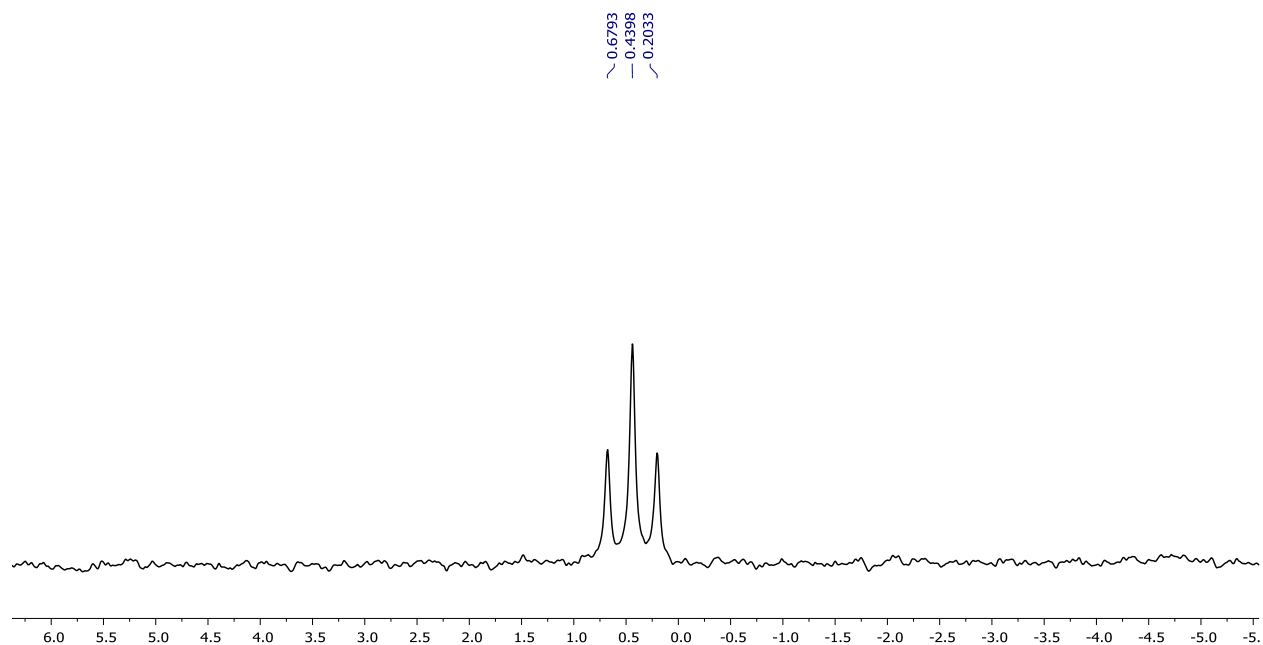


Figure S9: ^{11}B NMR of BODIPY 1b

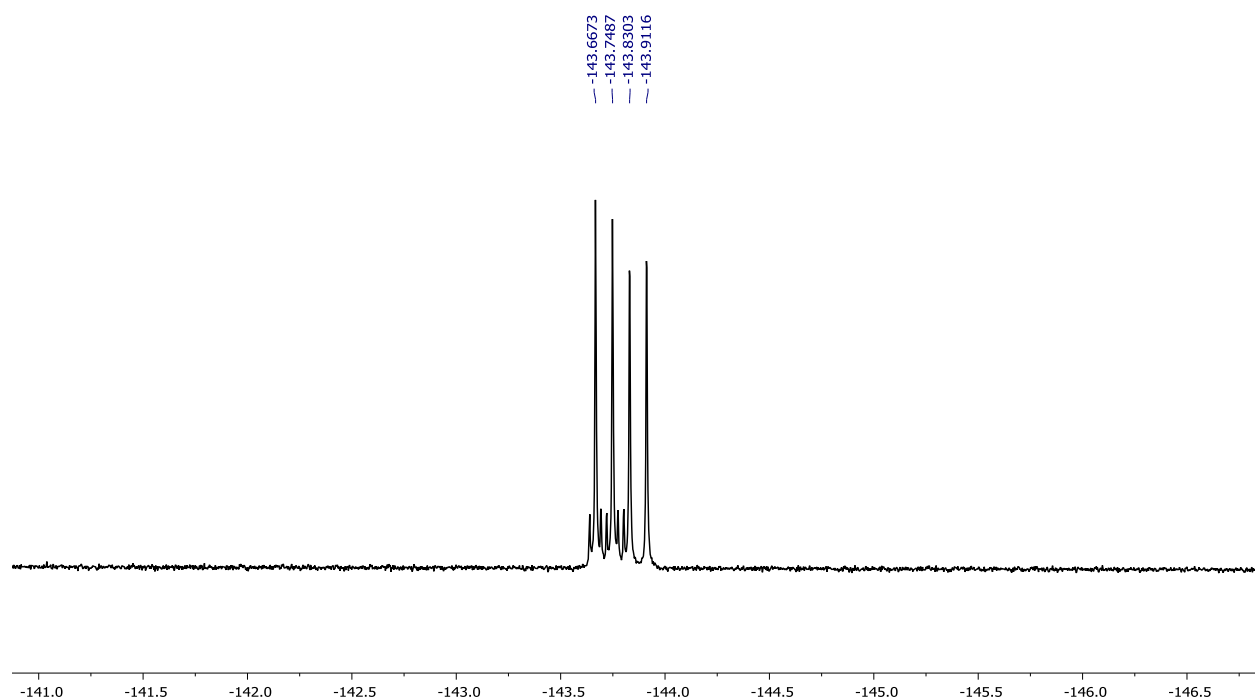


Figure S10: ^{19}F NMR of BODIPY 1b

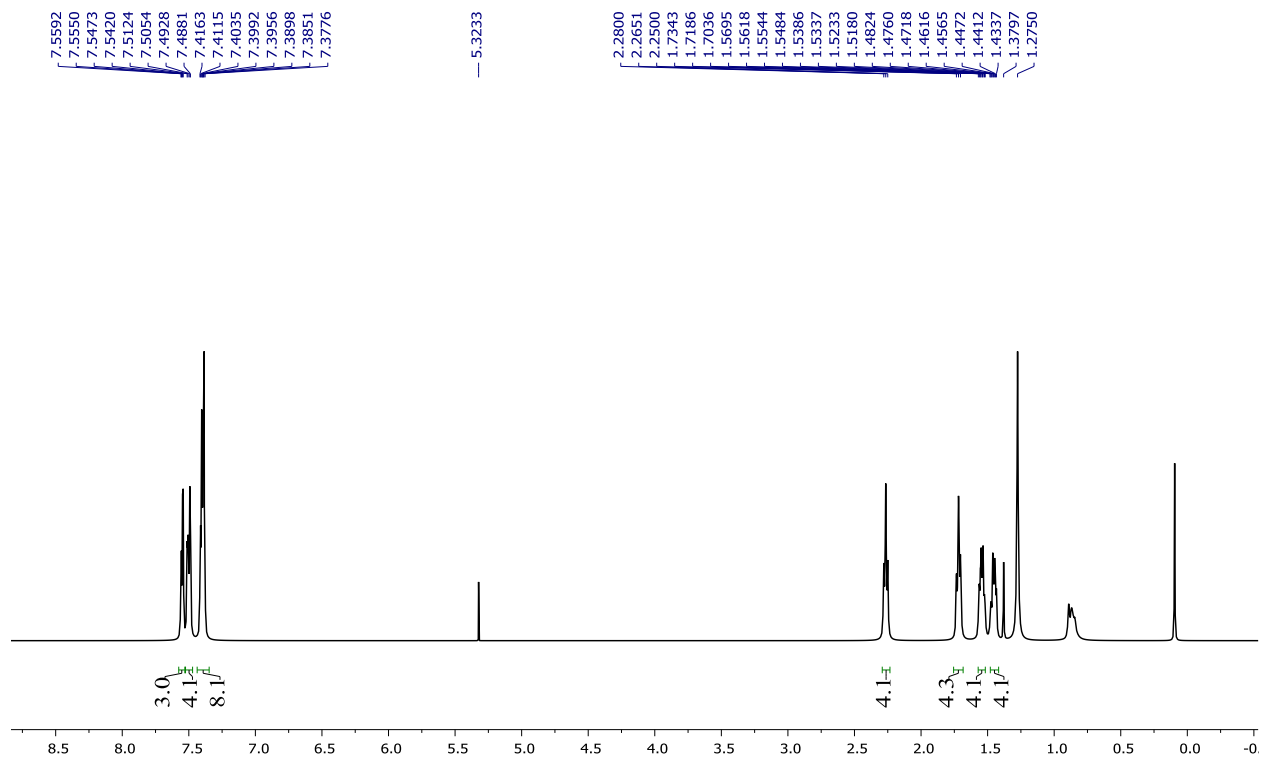


Figure S11: ¹H NMR of BODIPY 5a

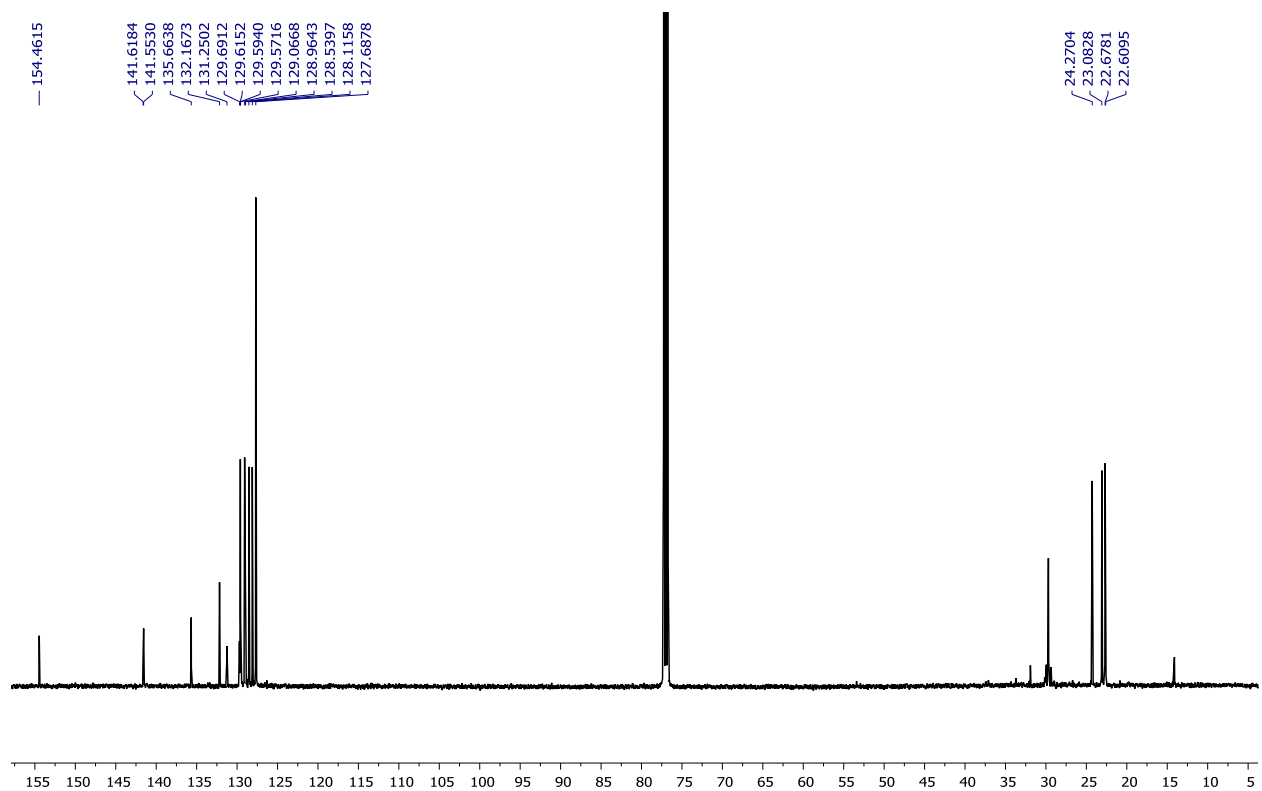


Figure S12: ¹³C NMR of BODIPY 5a

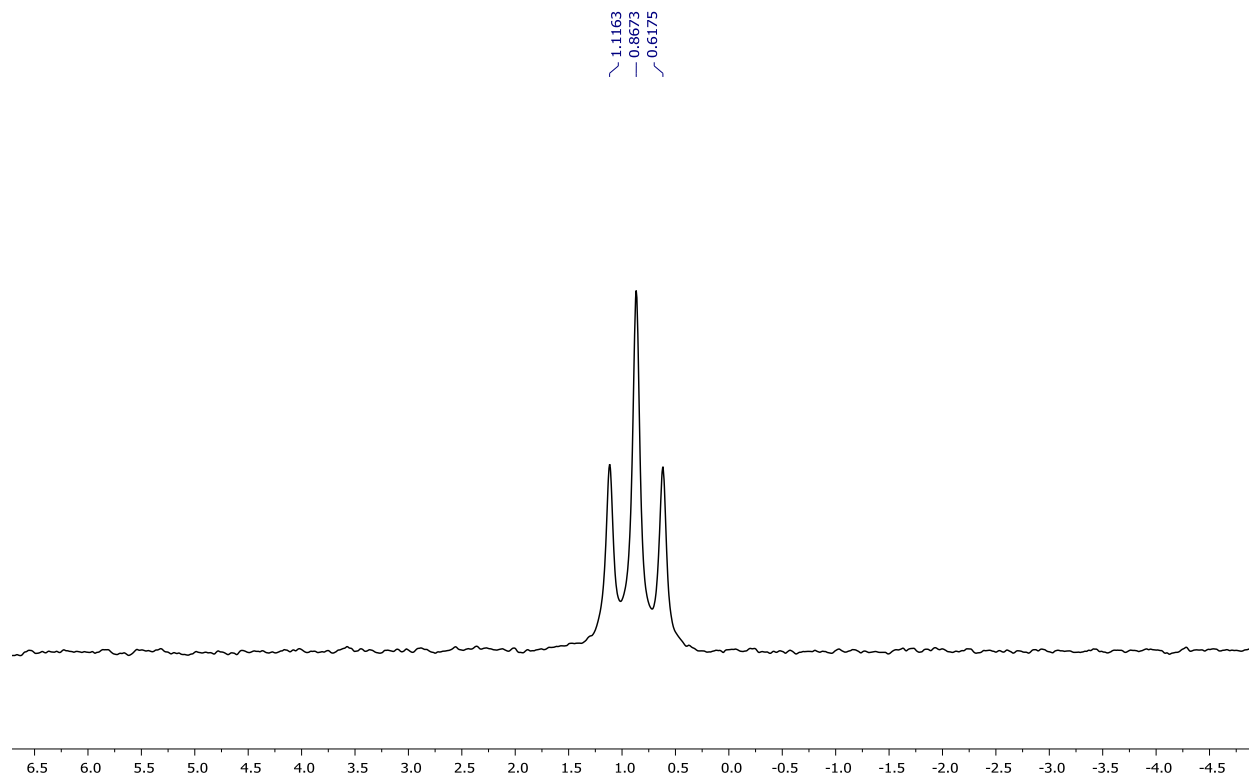


Figure S13: ^{11}B NMR of BODIPY 5a

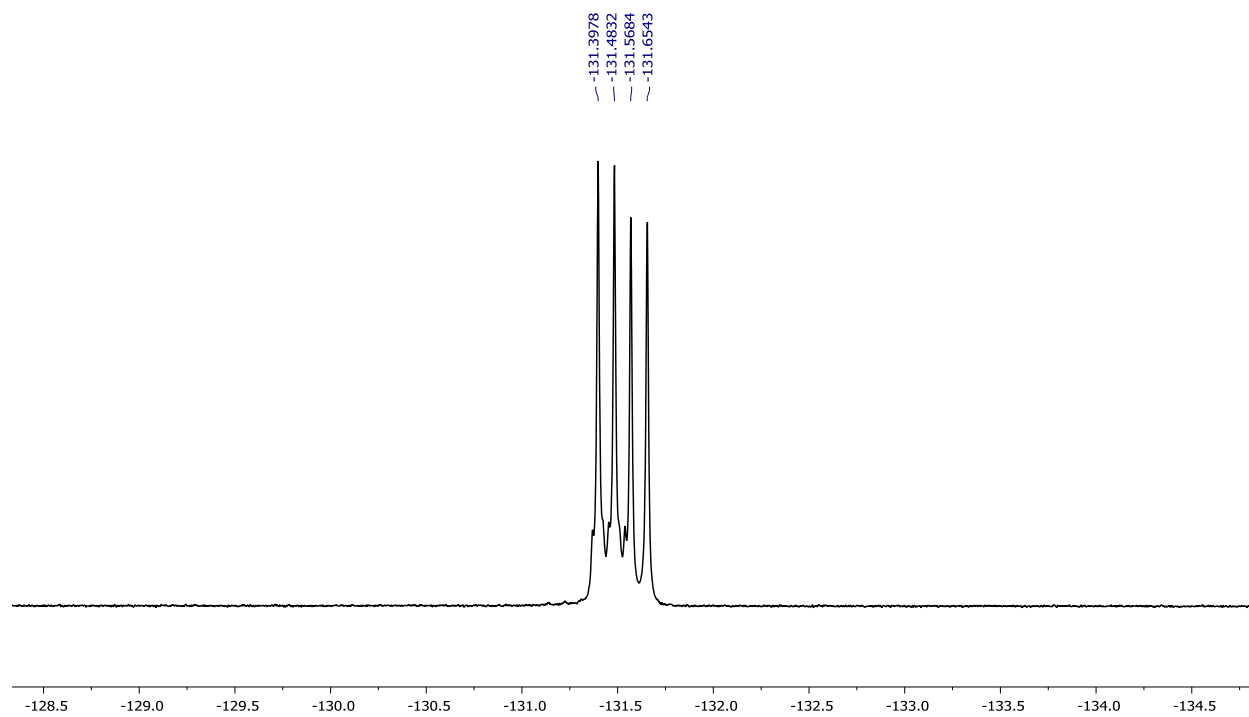


Figure S14: ^{19}F NMR of BODIPY 5a

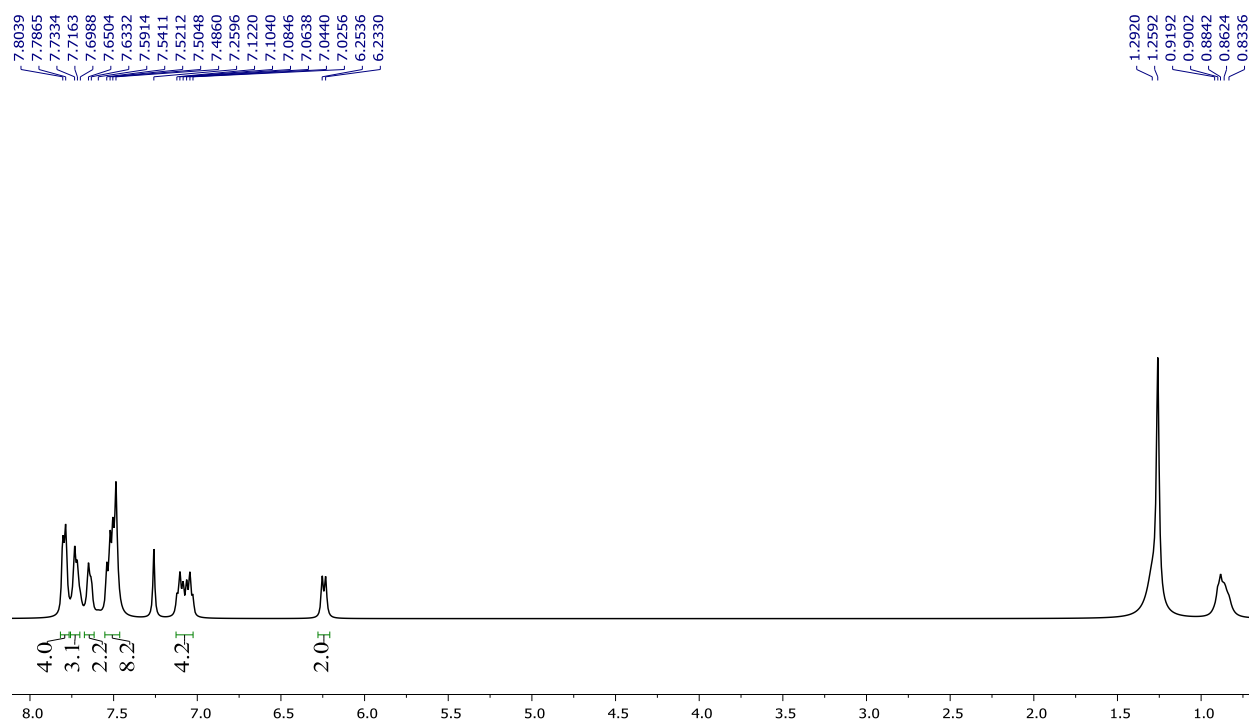


Figure S15: ¹H NMR of BODIPY 6a

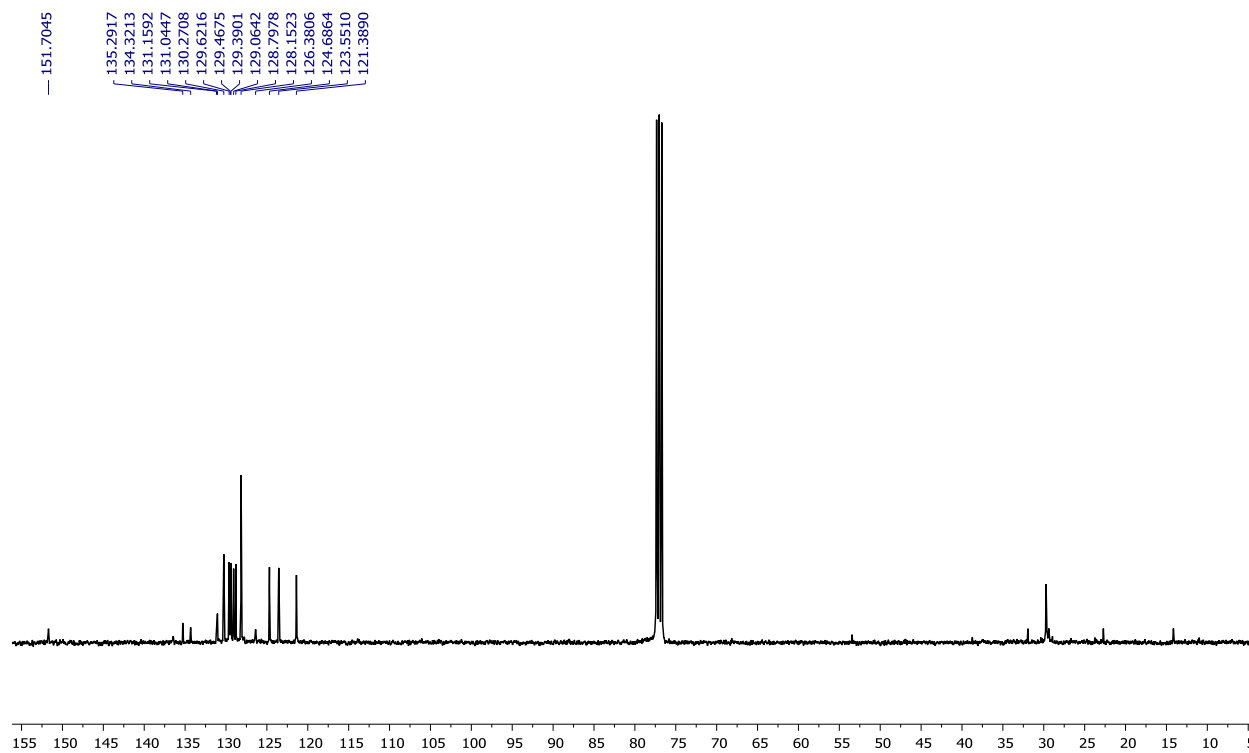


Figure S16: ¹³C NMR of BODIPY 6a

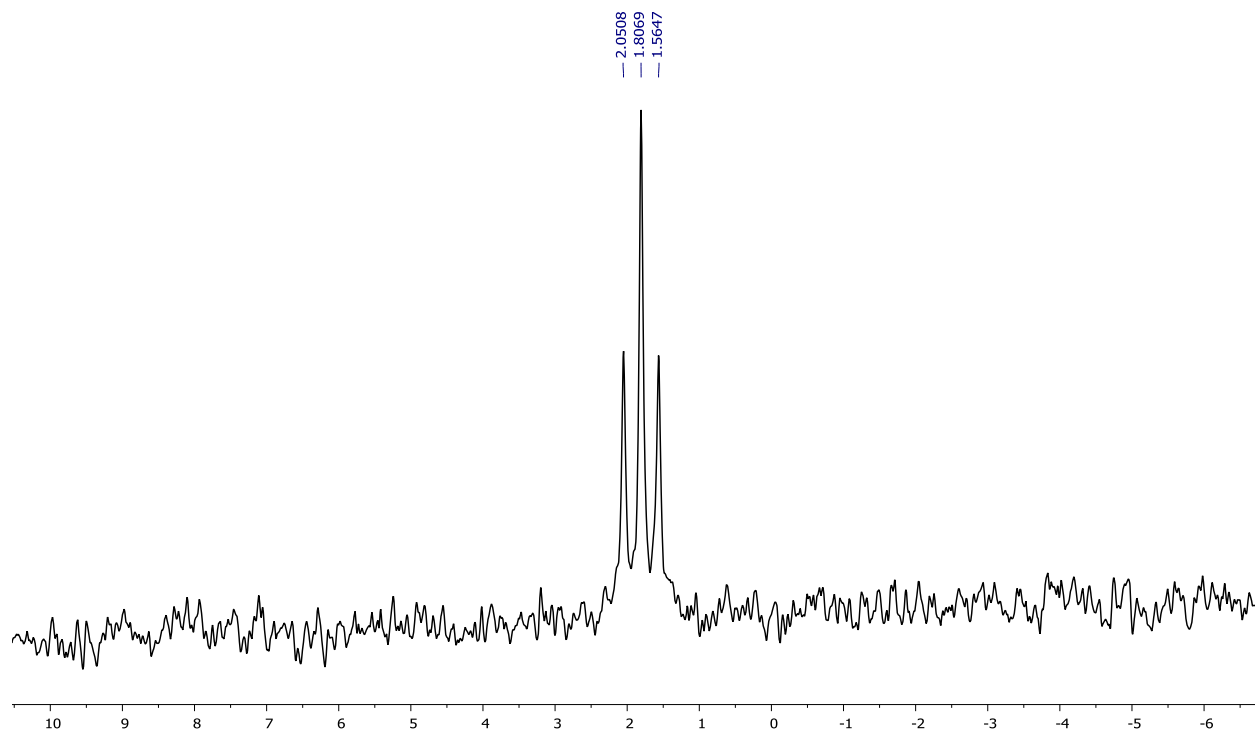


Figure S17: ^{11}B NMR of BODIPY 6a

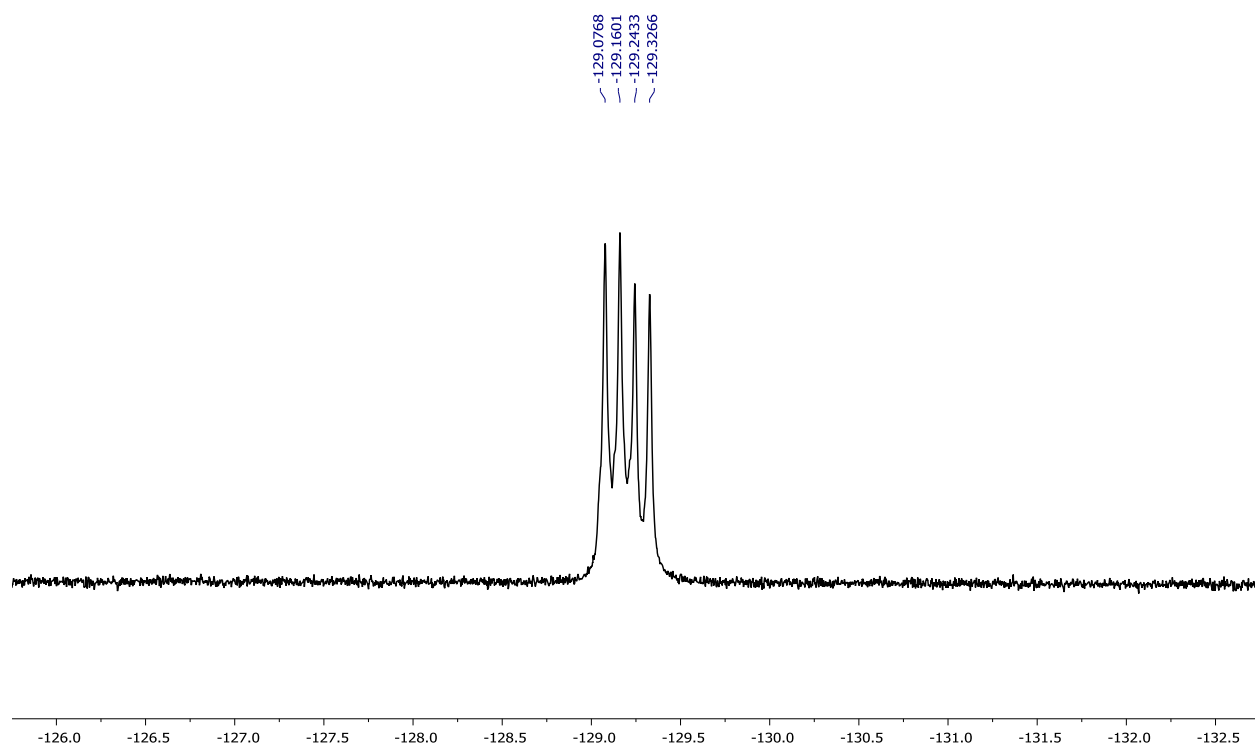


Figure S18: ^{19}F NMR of BODIPY 6a

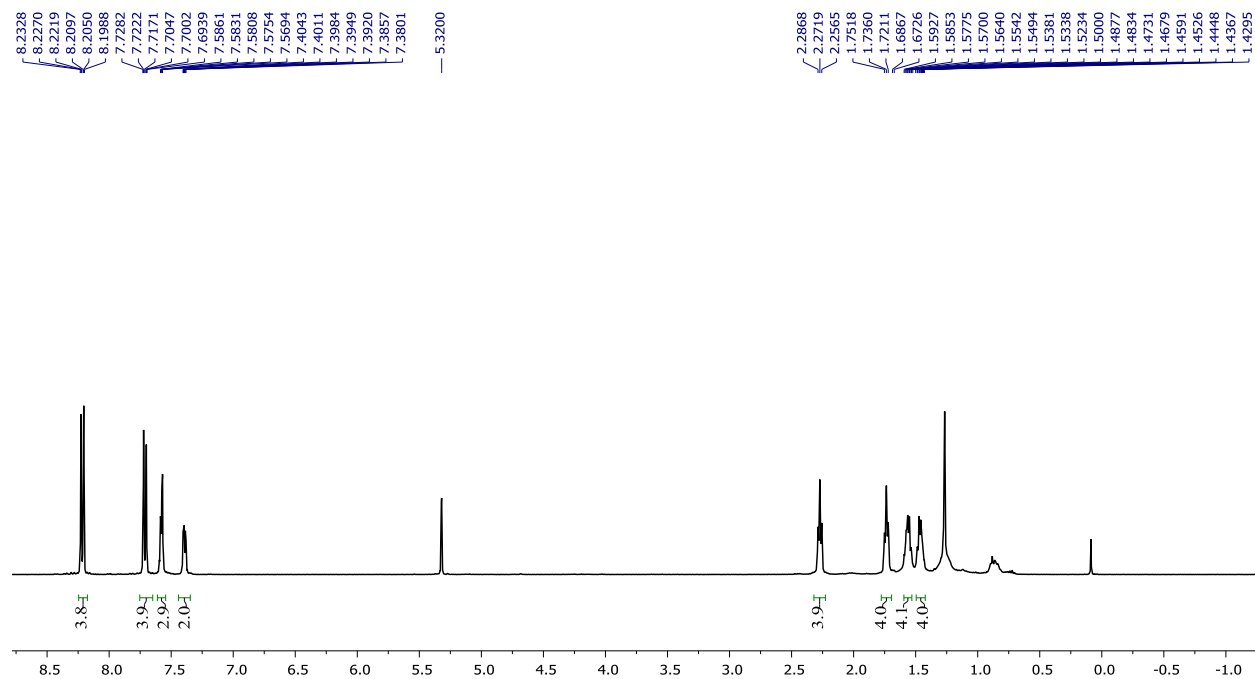


Figure S19: ^1H NMR of BODIPY 5b

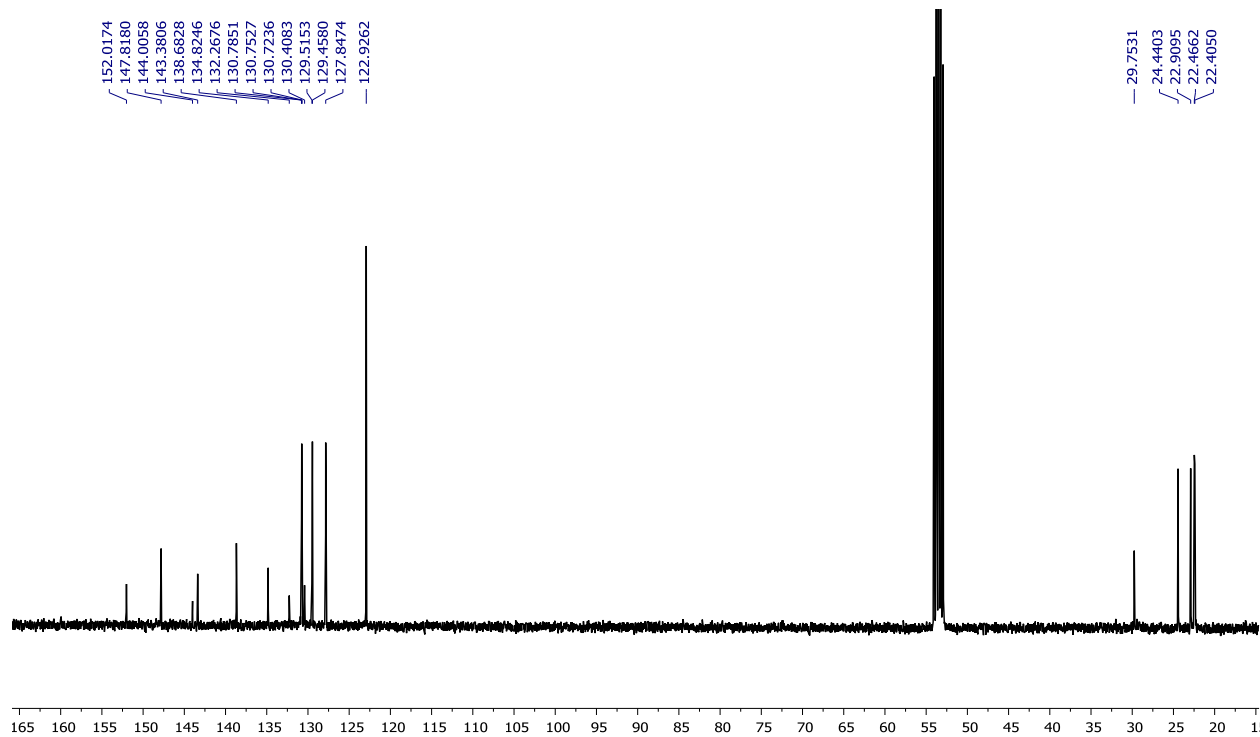


Figure S20: ^{13}C NMR of BODIPY 5b

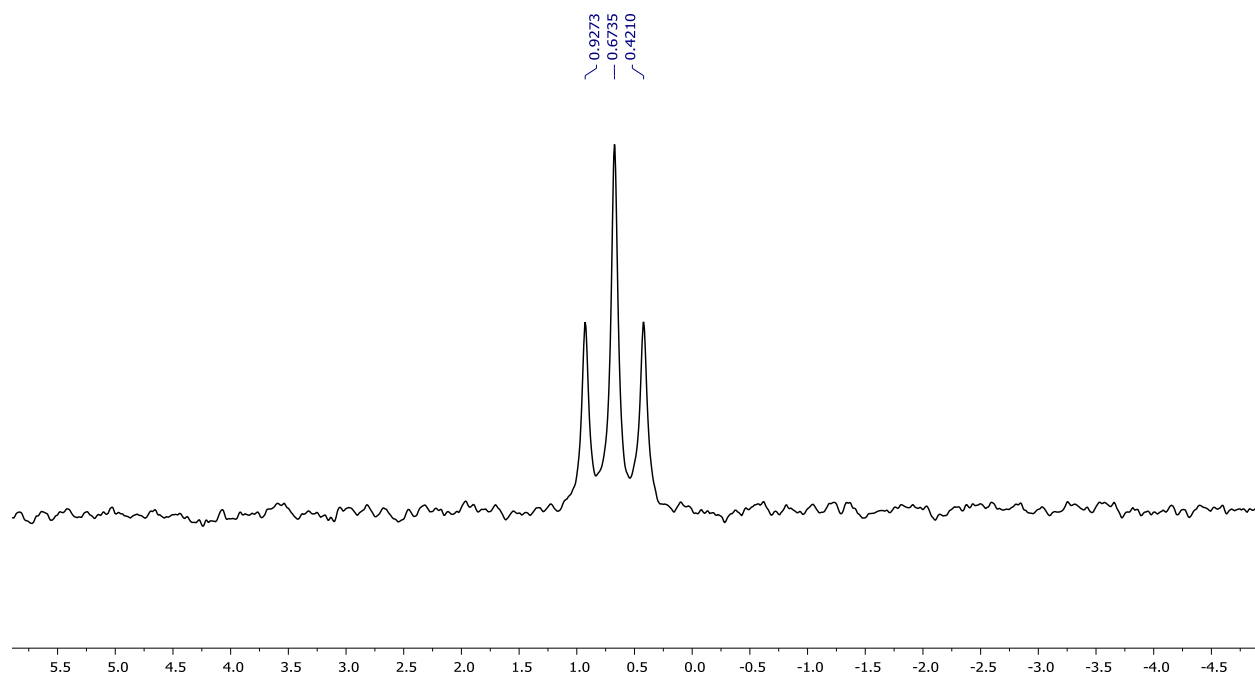


Figure S21: ^{11}B NMR of BODIPY 5b

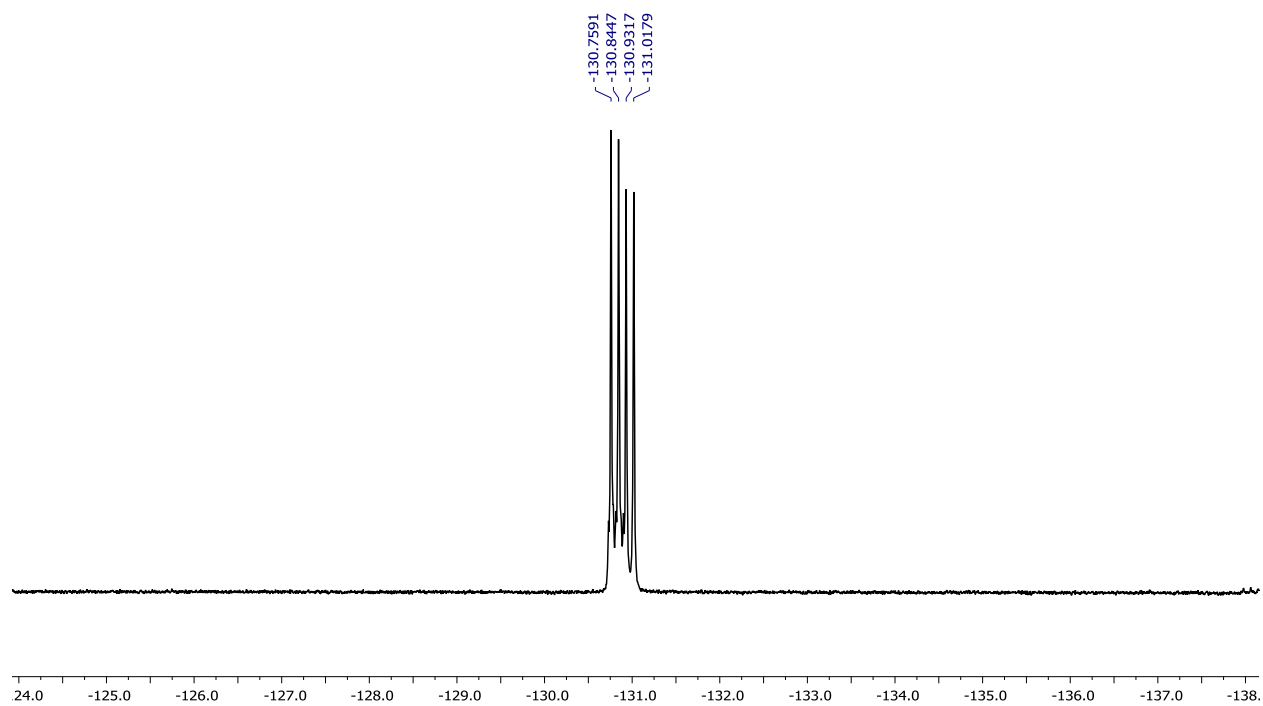


Figure S22: ^{19}F NMR of BODIPY 5b

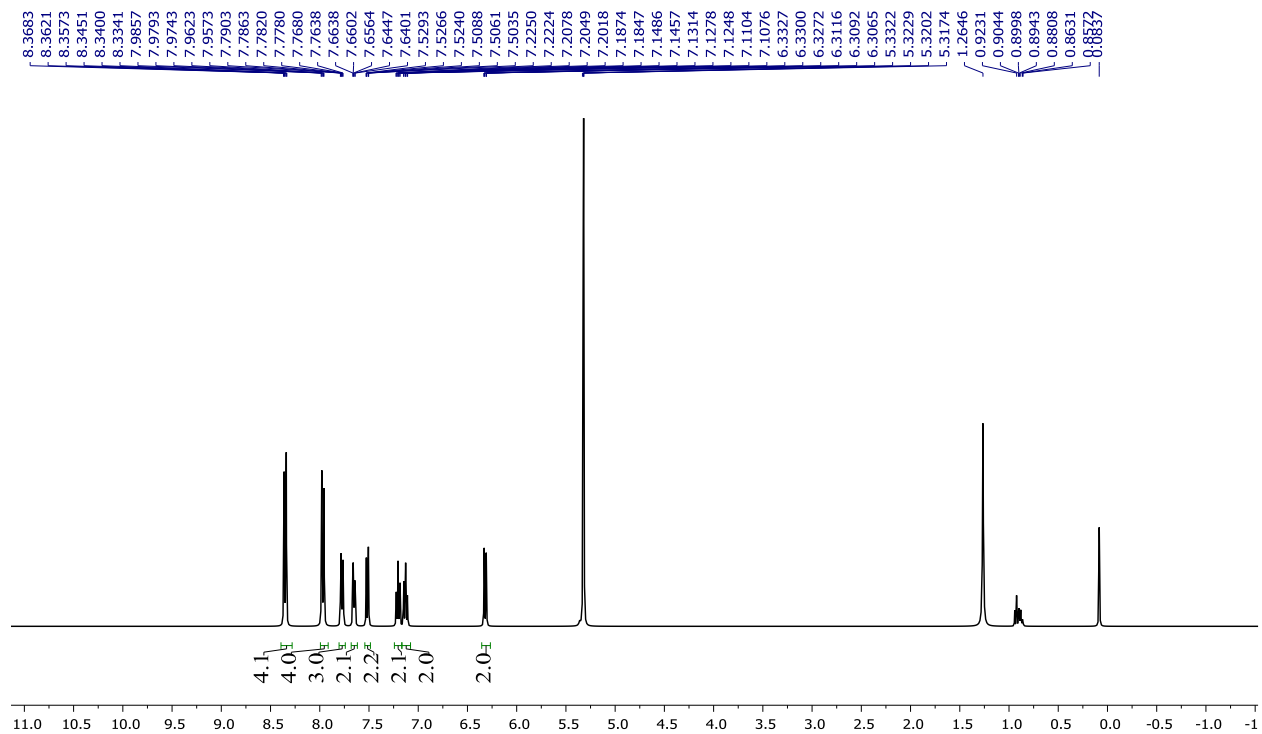


Figure S23: ^1H NMR of BODIPY 6b

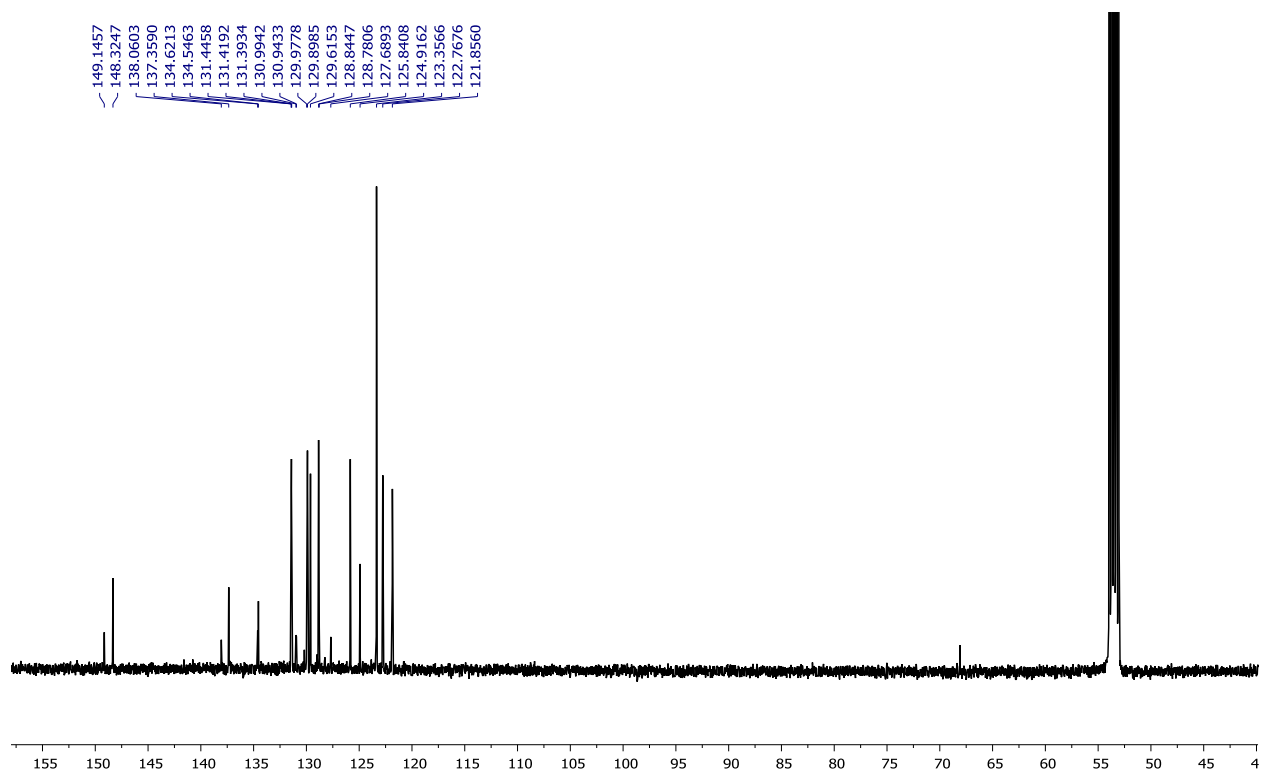


Figure S24: ^{13}C NMR of BODIPY 6b

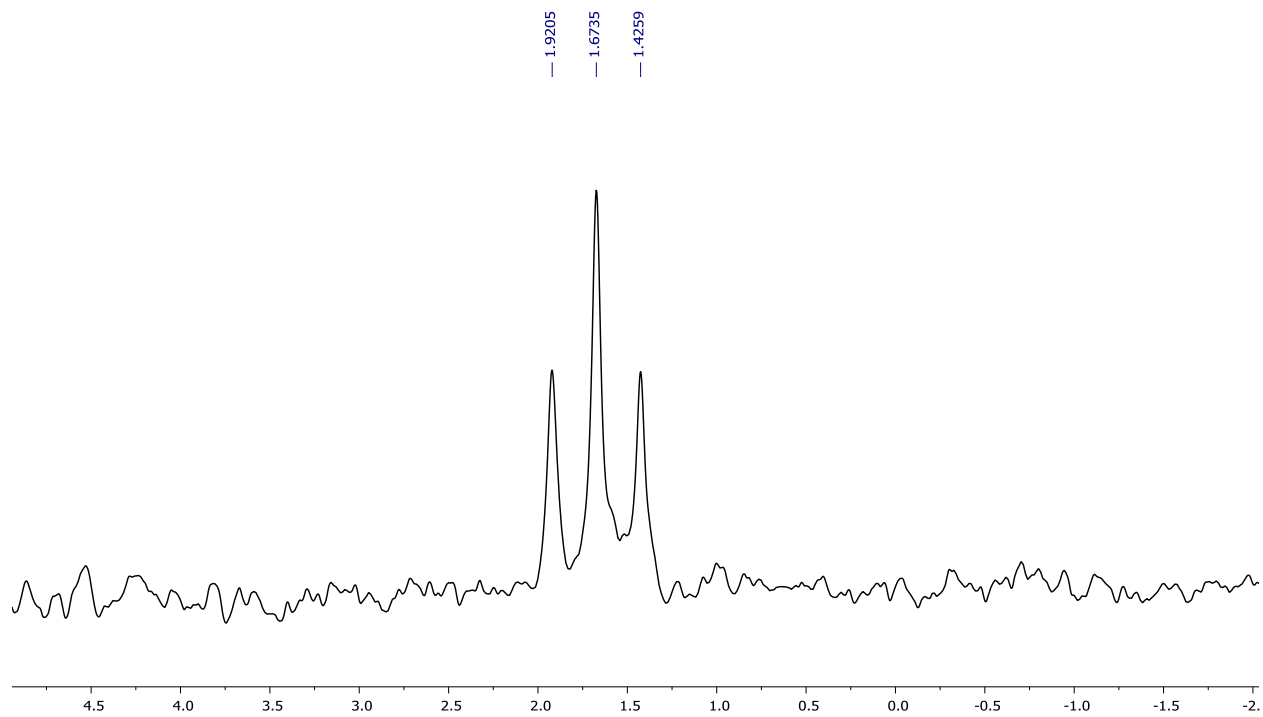


Figure S25: ^{11}B NMR of BODIPY 6b

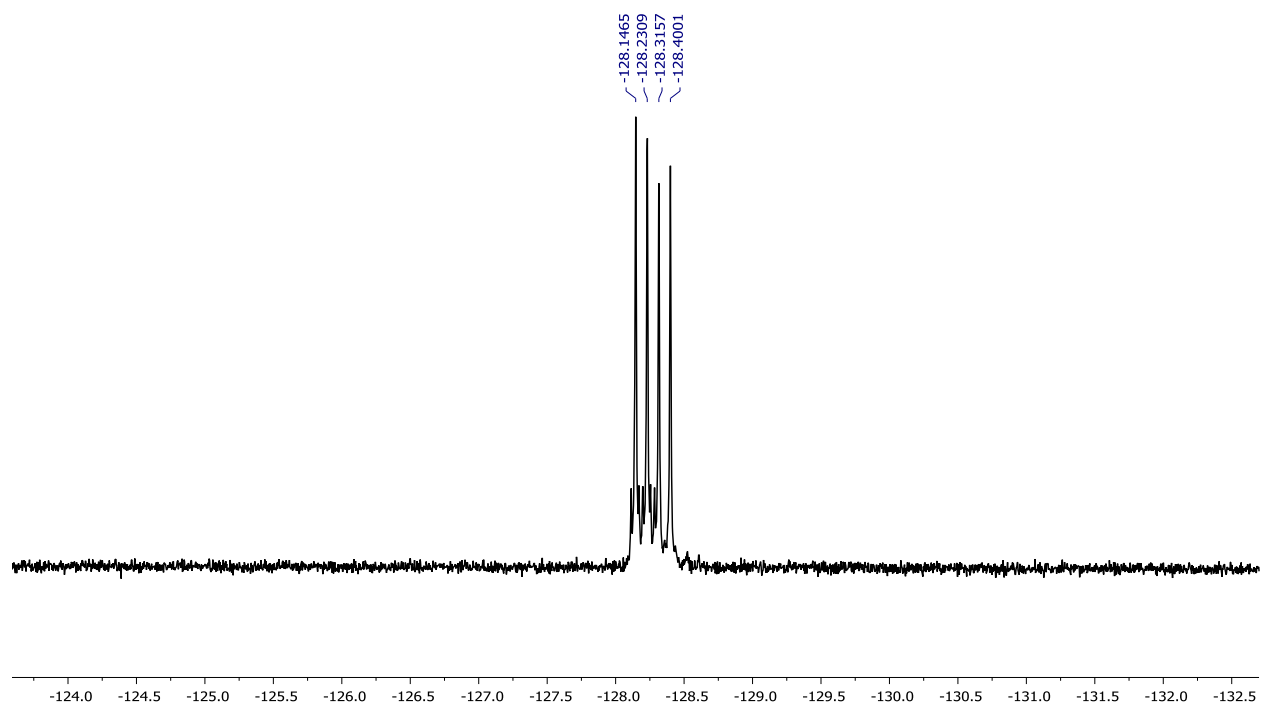


Figure S26: ^{19}F NMR of BODIPY 6b

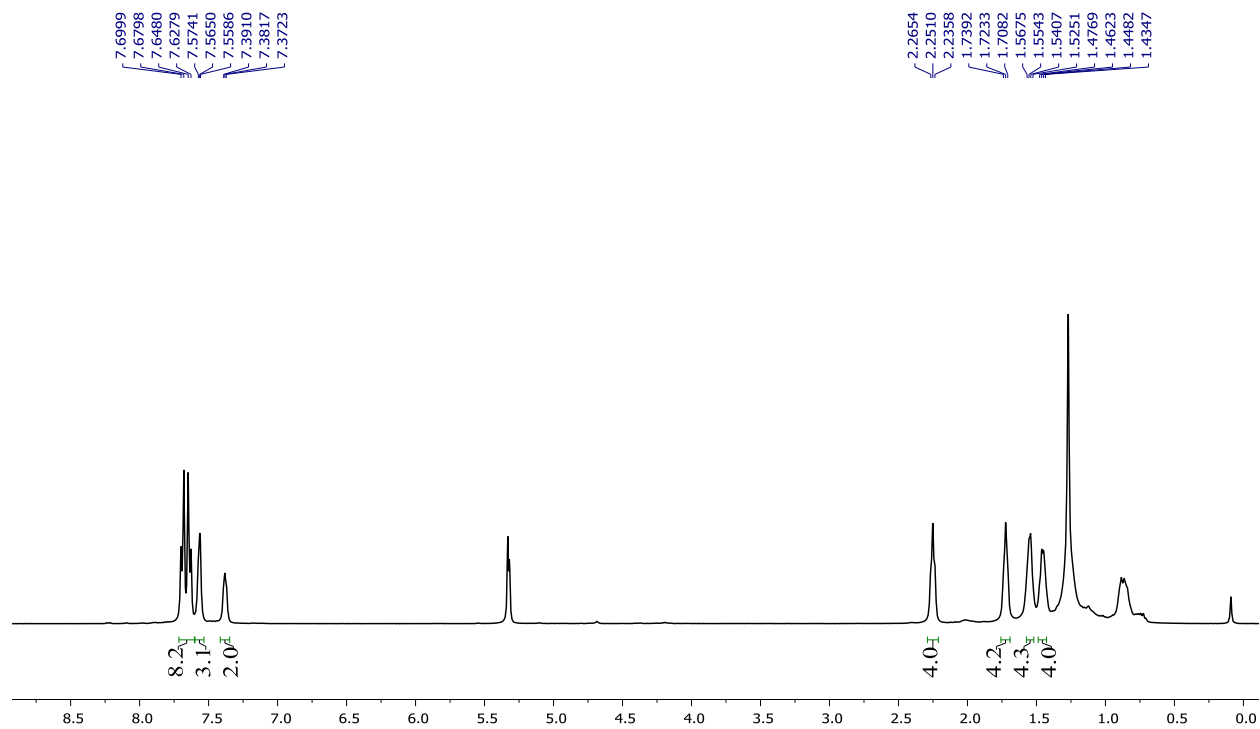


Figure S27: ¹H NMR of BODIPY 5c

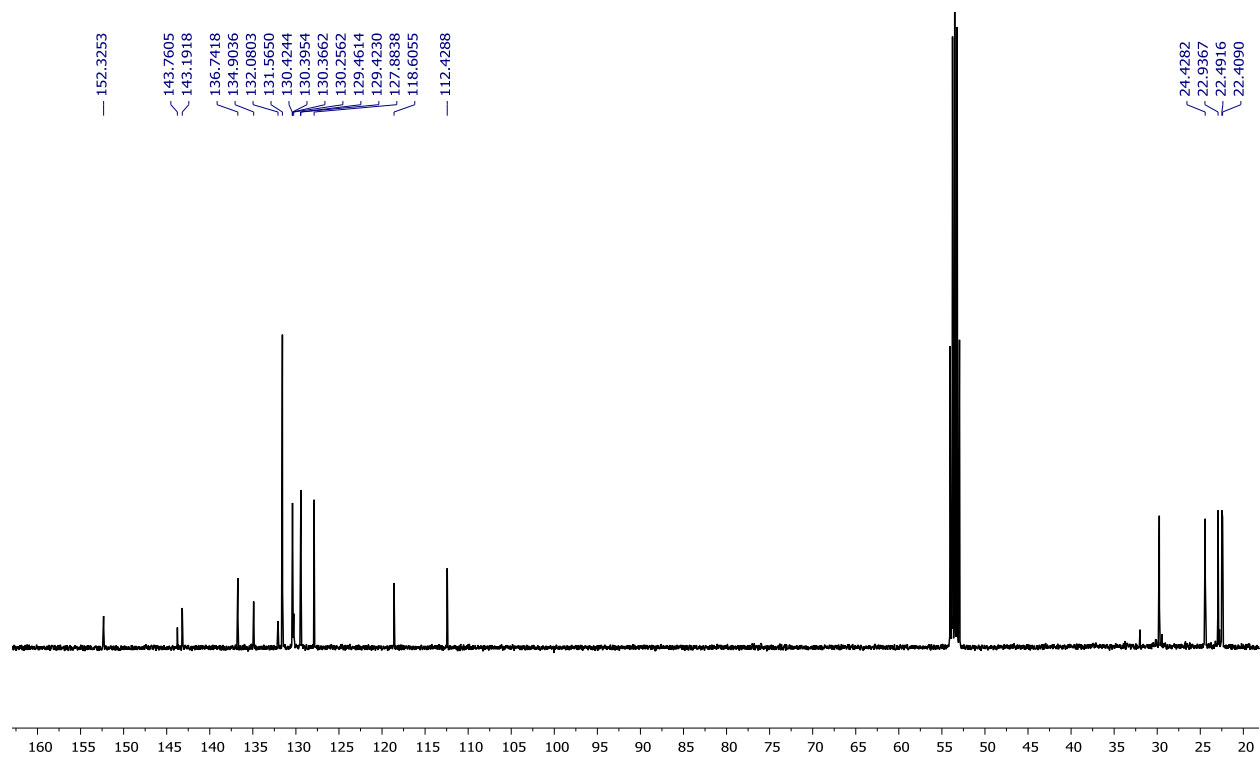


Figure S28: ¹³C NMR of BODIPY 5c

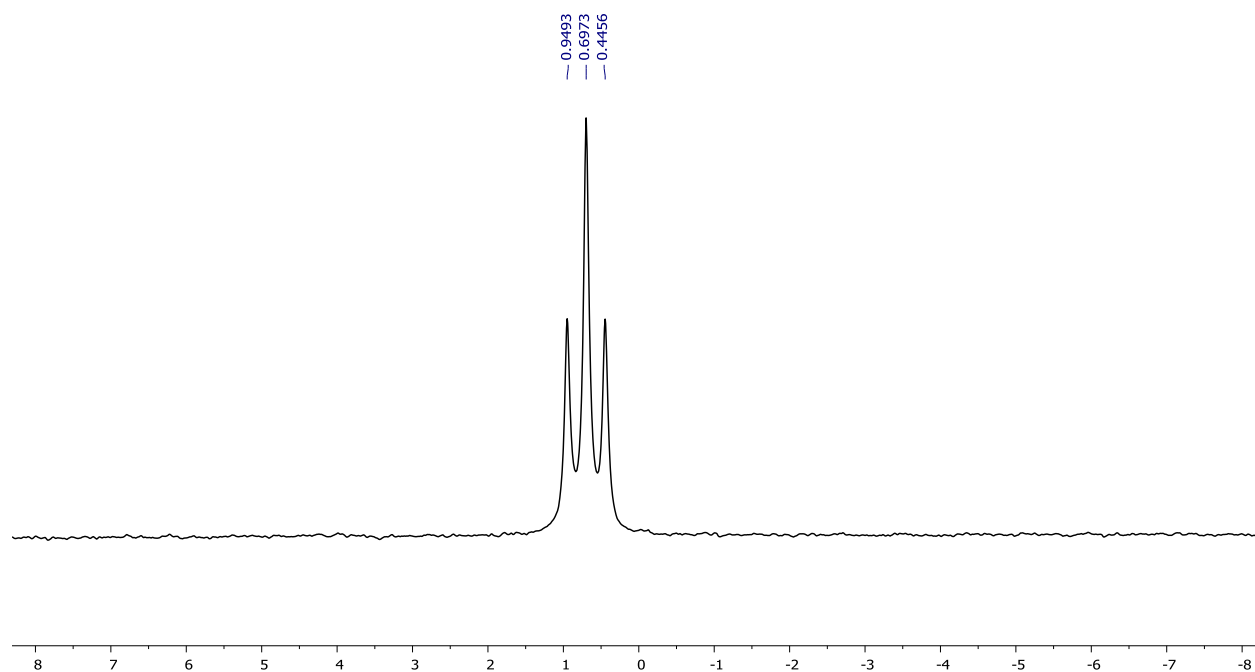


Figure S29: ^{11}B NMR of BODIPY 5c

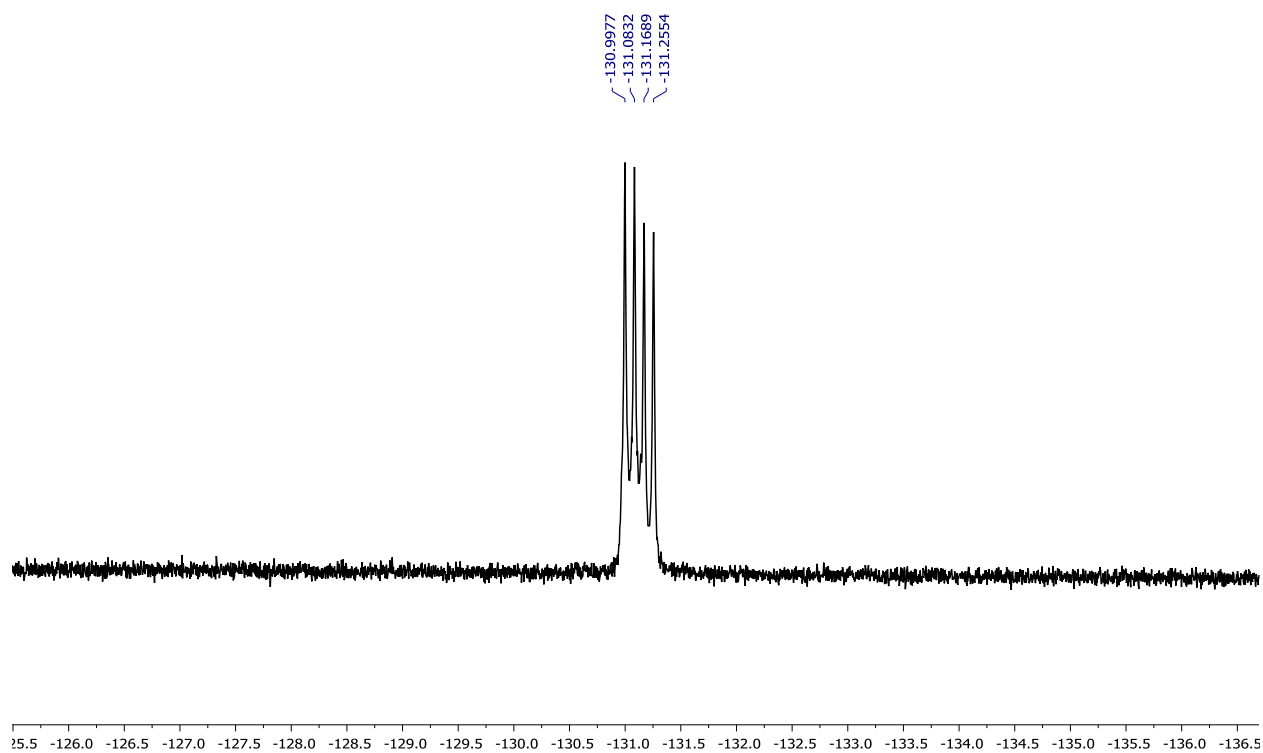


Figure S30: ^{19}F NMR of BODIPY 5c

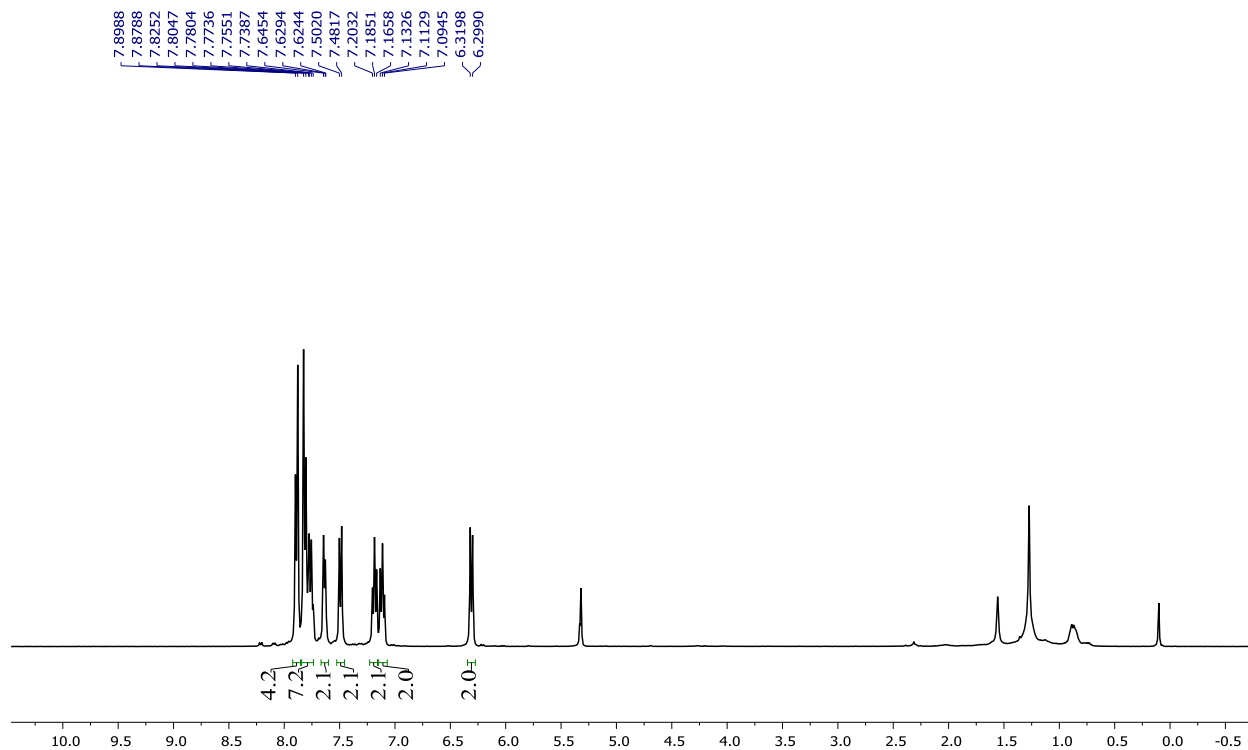


Figure S31: ¹H NMR of BODIPY 6c

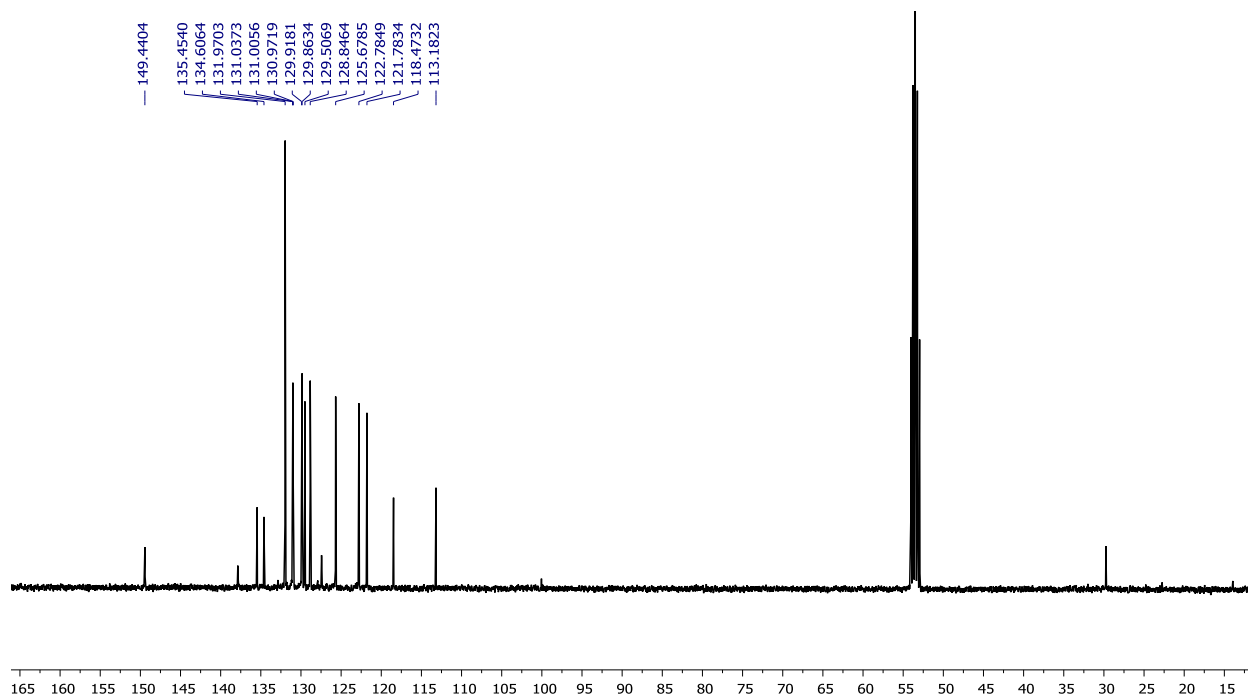


Figure S32: ¹³C NMR of BODIPY 6c

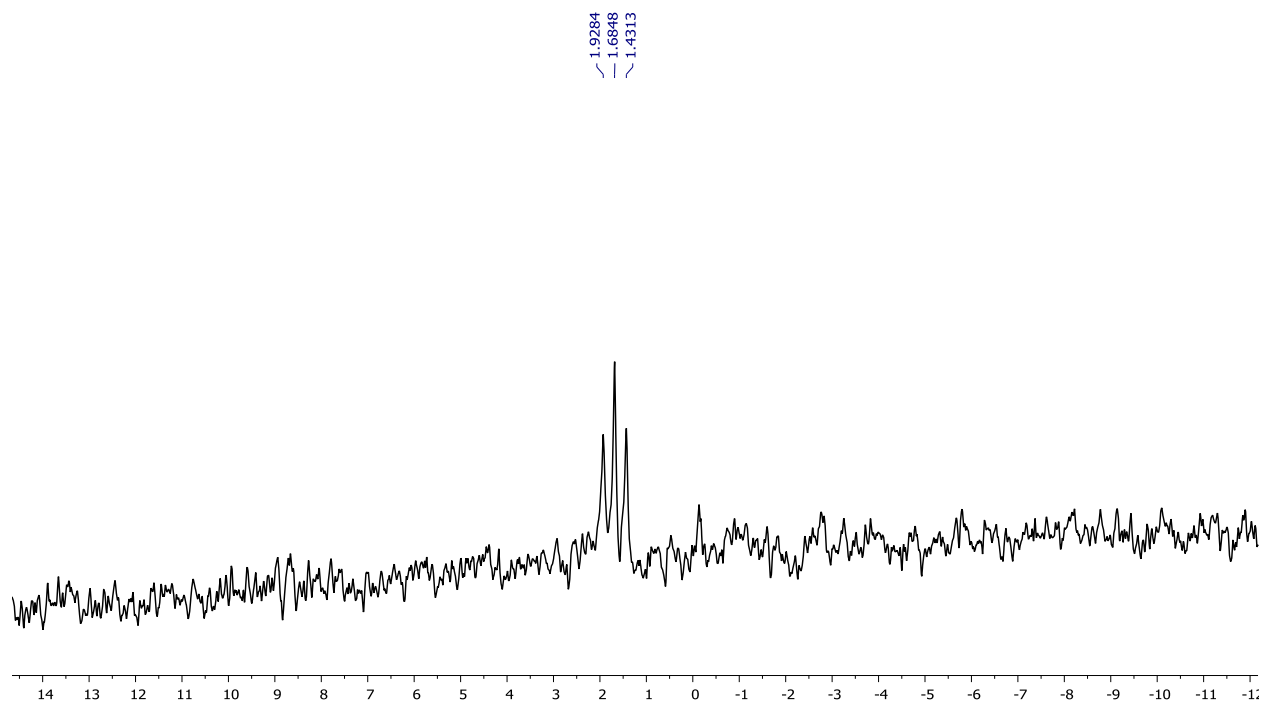


Figure S33: ^{11}B NMR of BODIPY 6c

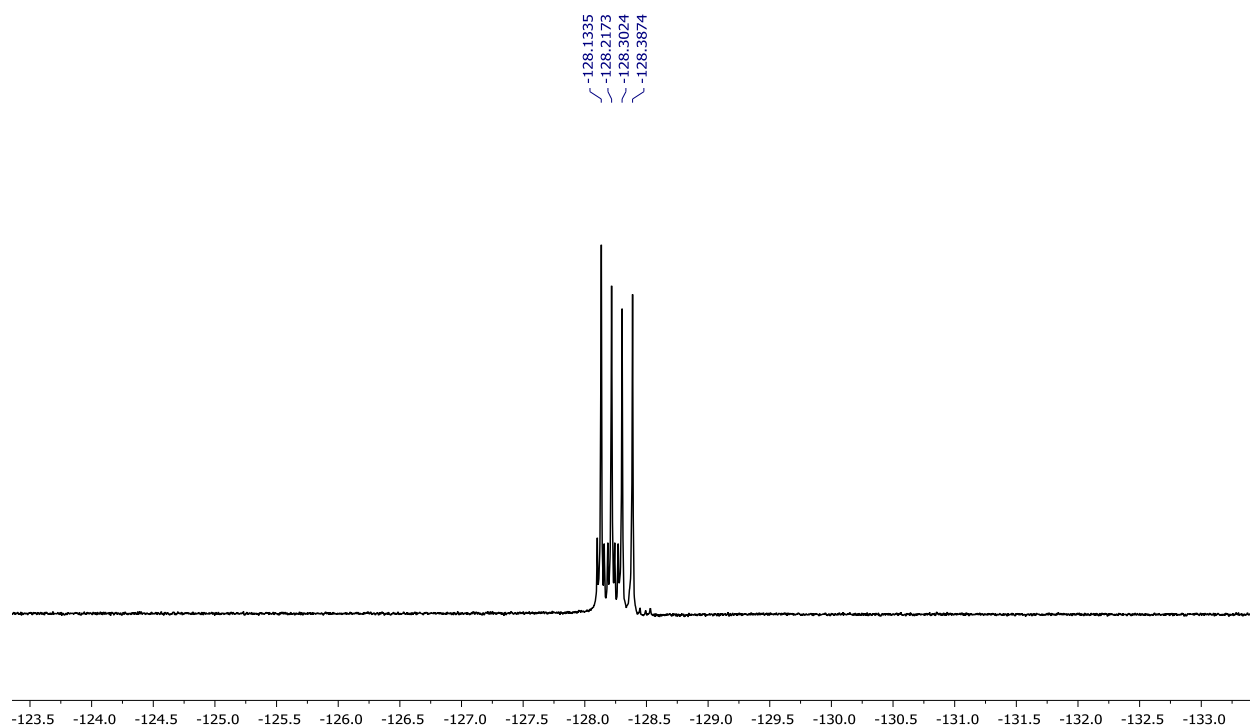


Figure S34: ^{19}F NMR of BODIPY 6c

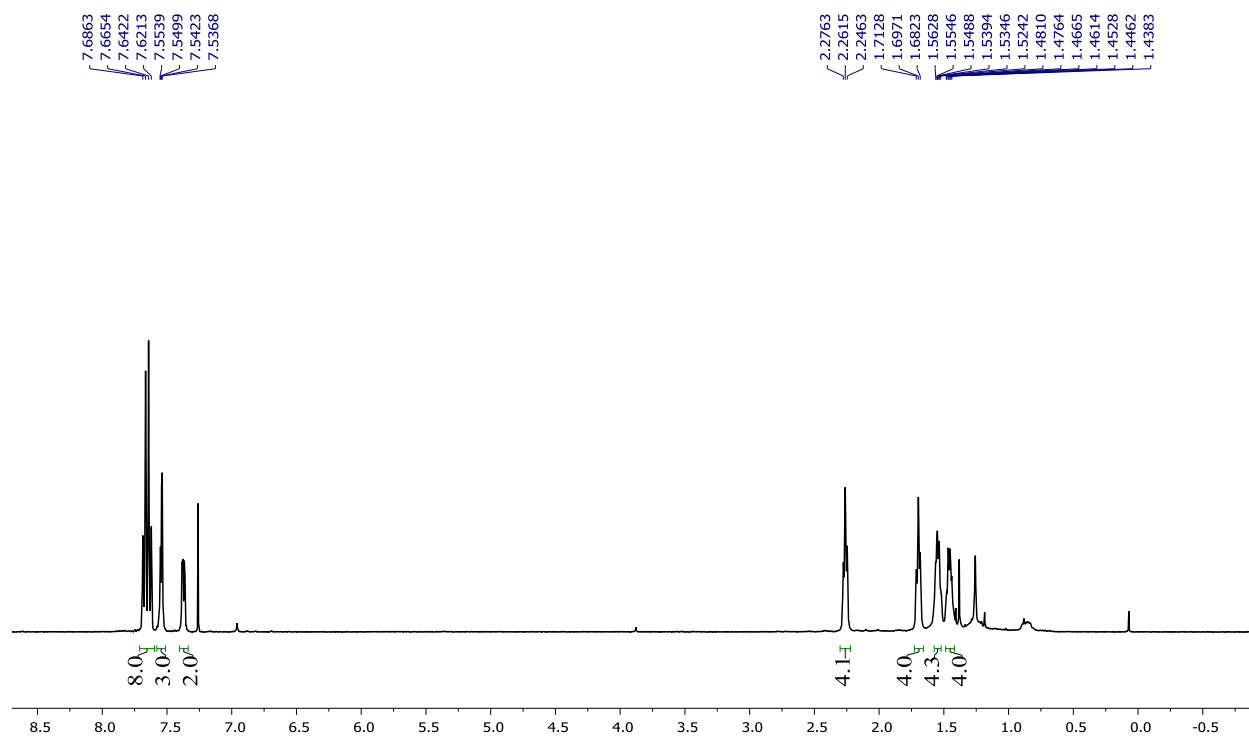


Figure S35: ¹H NMR of BODIPY 5d

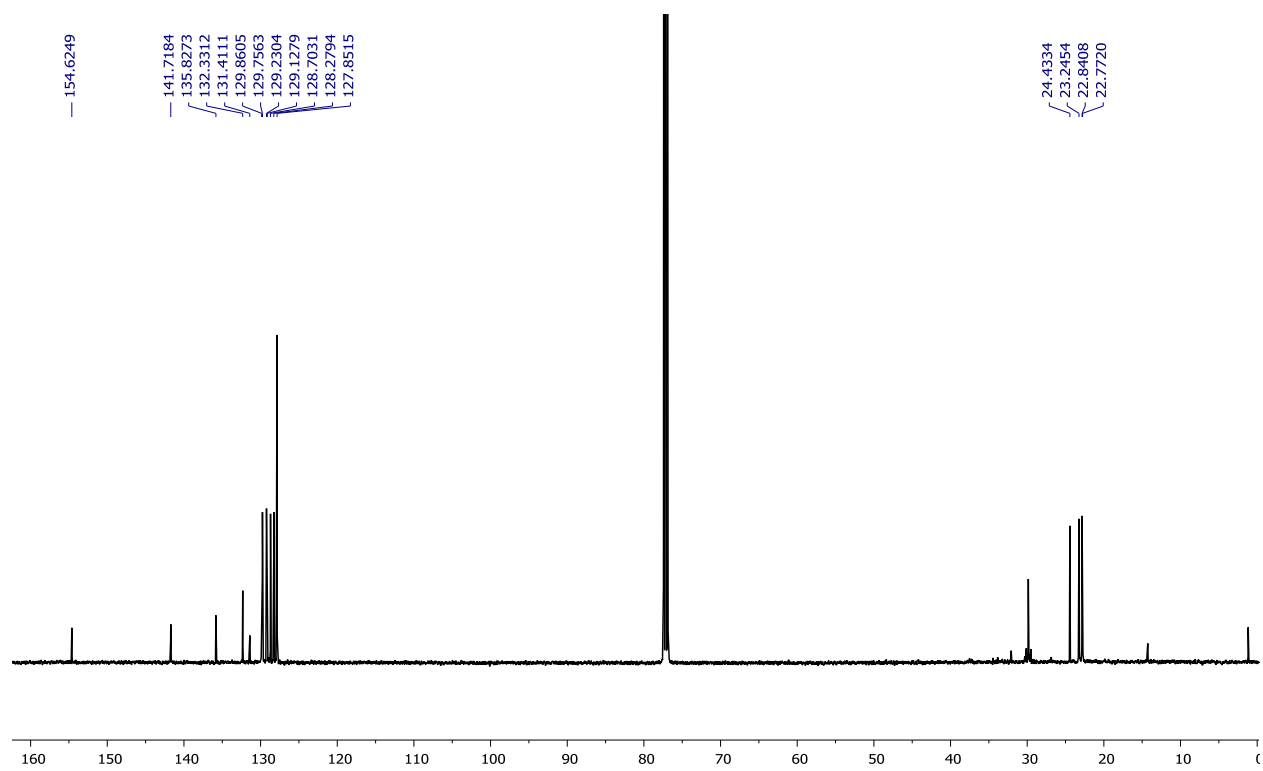


Figure S36: ¹³C NMR of BODIPY 5d

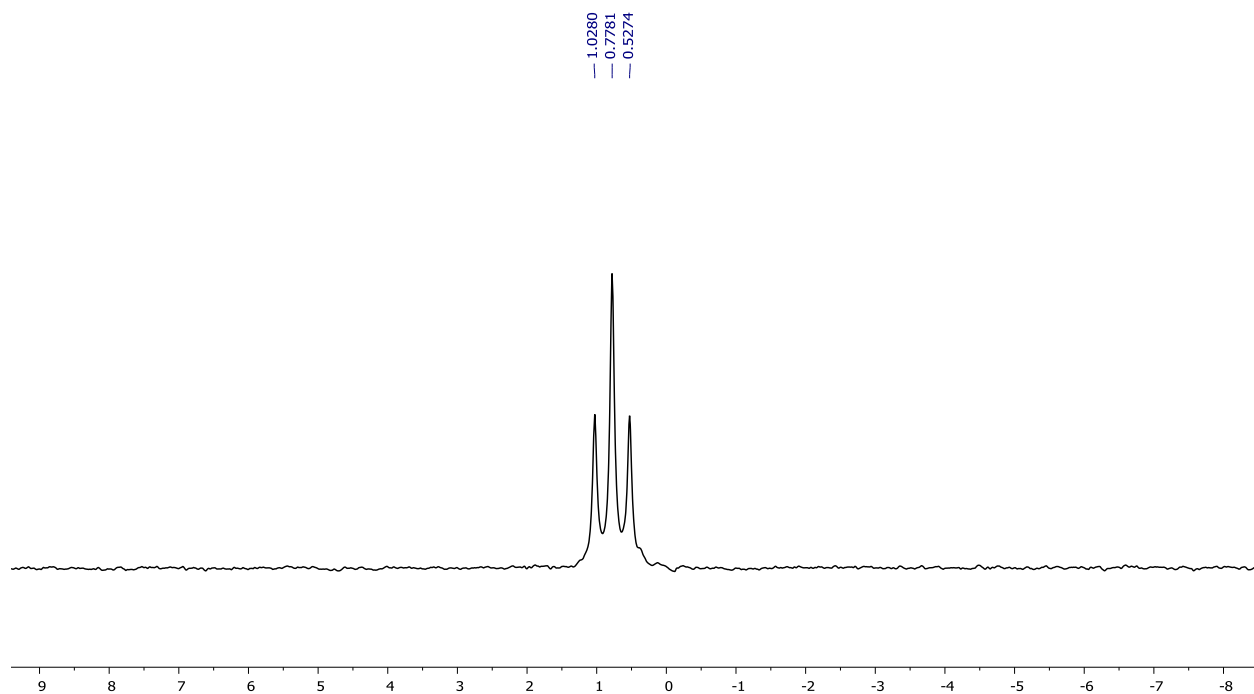


Figure S37: ^{11}B NMR of BODIPY 5d

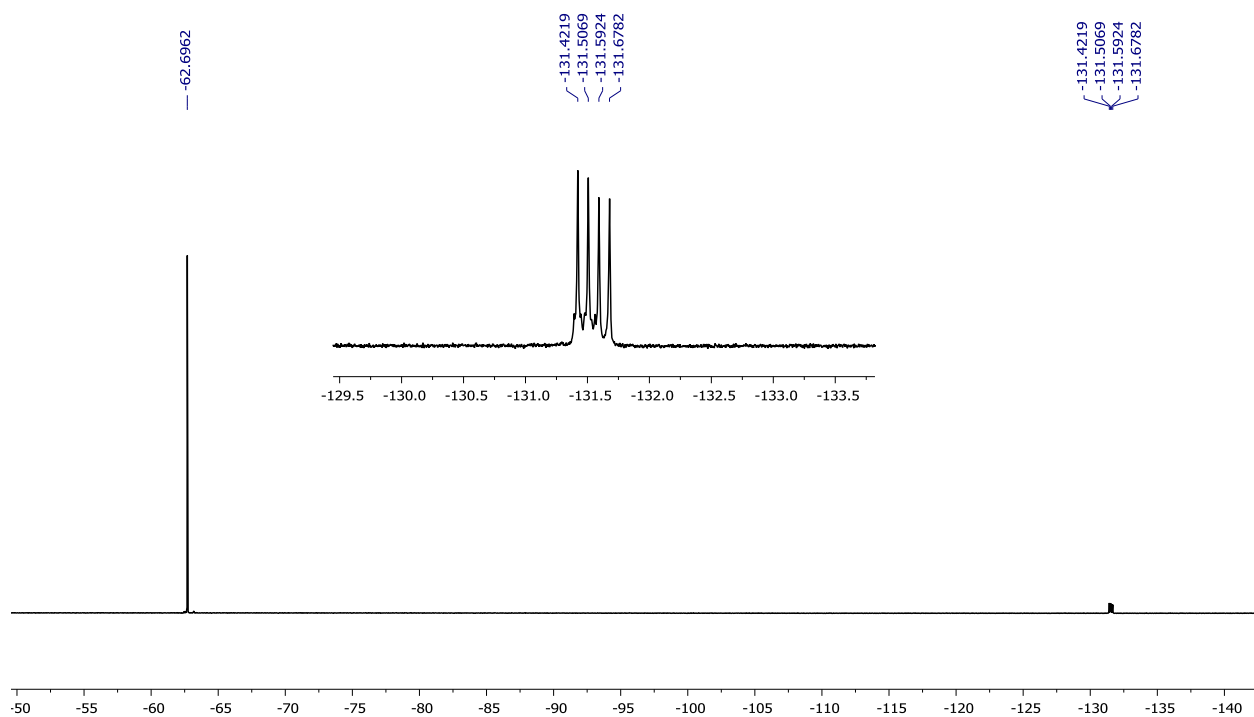


Figure S38: ^{19}F NMR of BODIPY 5d

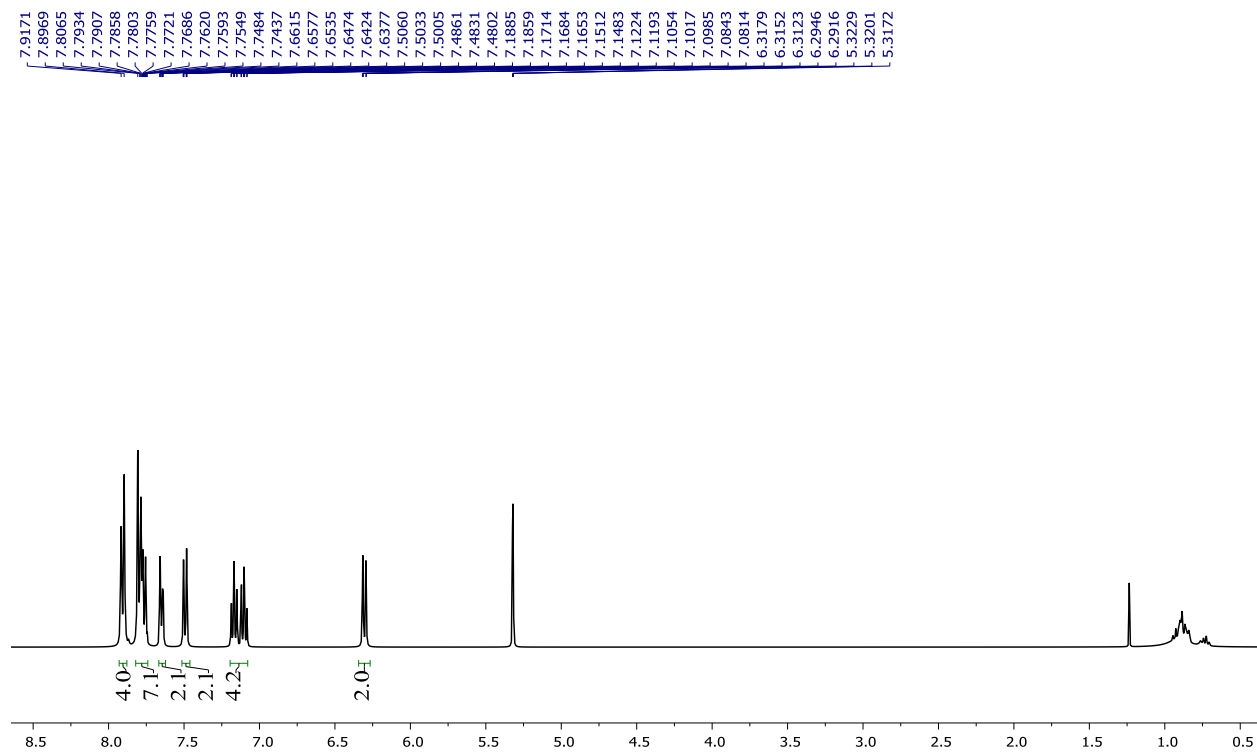


Figure S39: ^1H NMR of BODIPY 6d

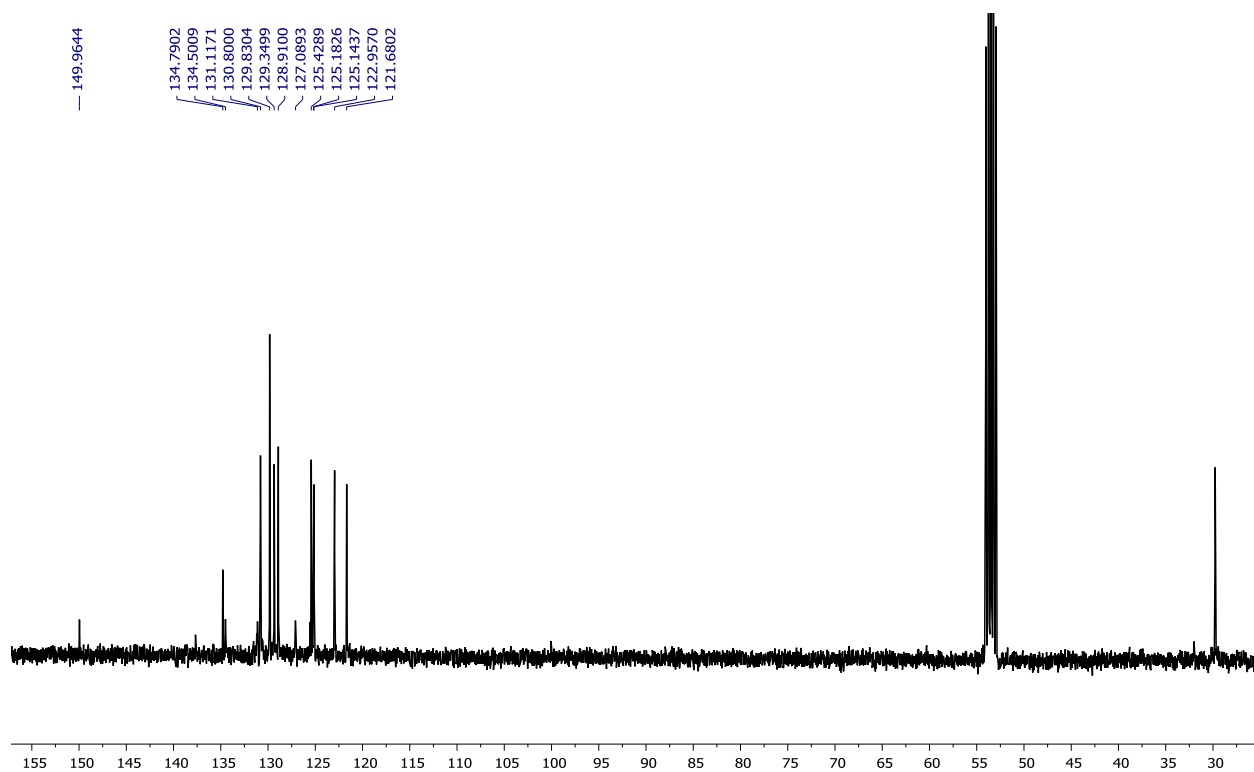


Figure S40: ^{13}C NMR of BODIPY 6d

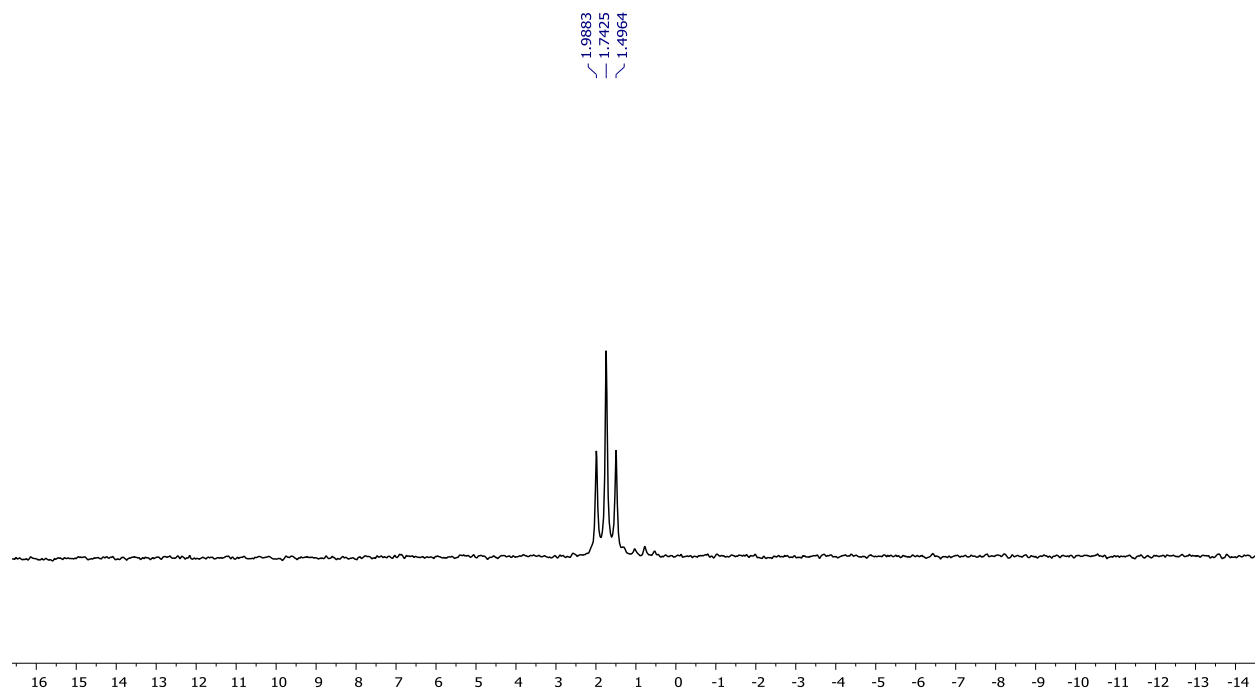


Figure S41: ^{11}B NMR of BODIPY 6d

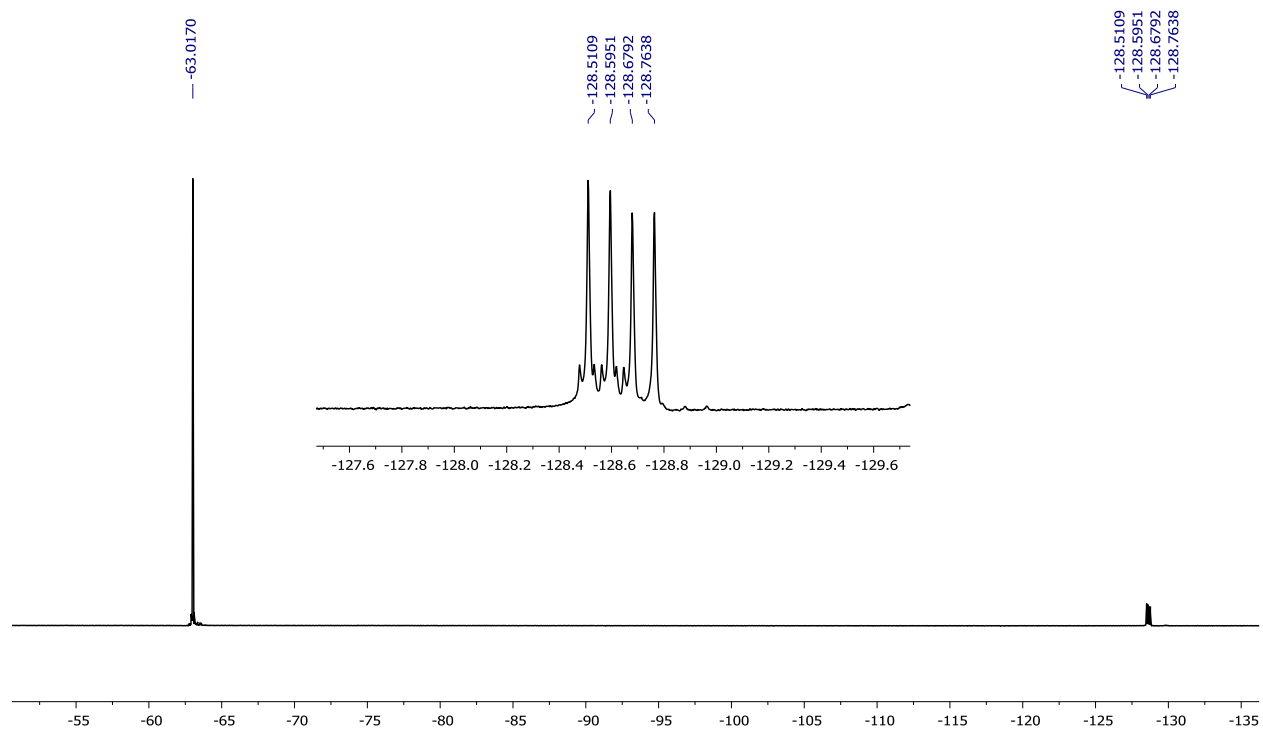


Figure S42: ^{19}F NMR of BODIPY 6d

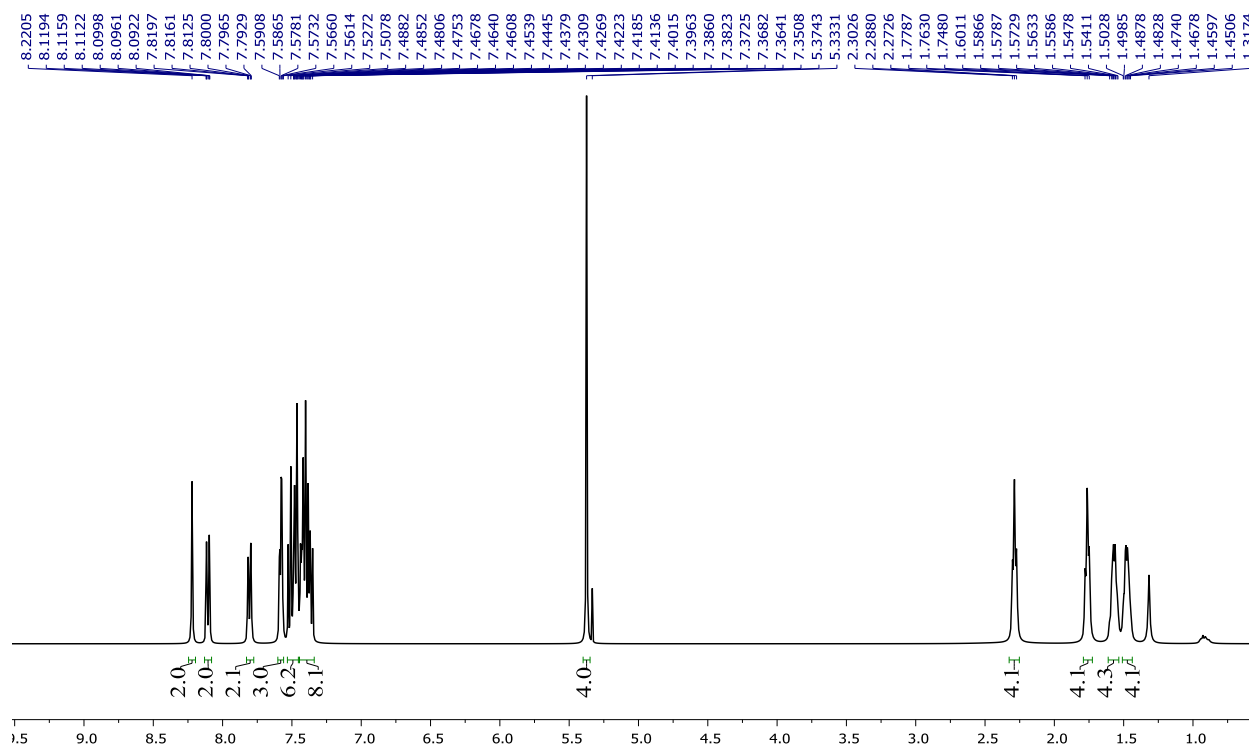


Figure S43: ¹H NMR of BODIPY 5e

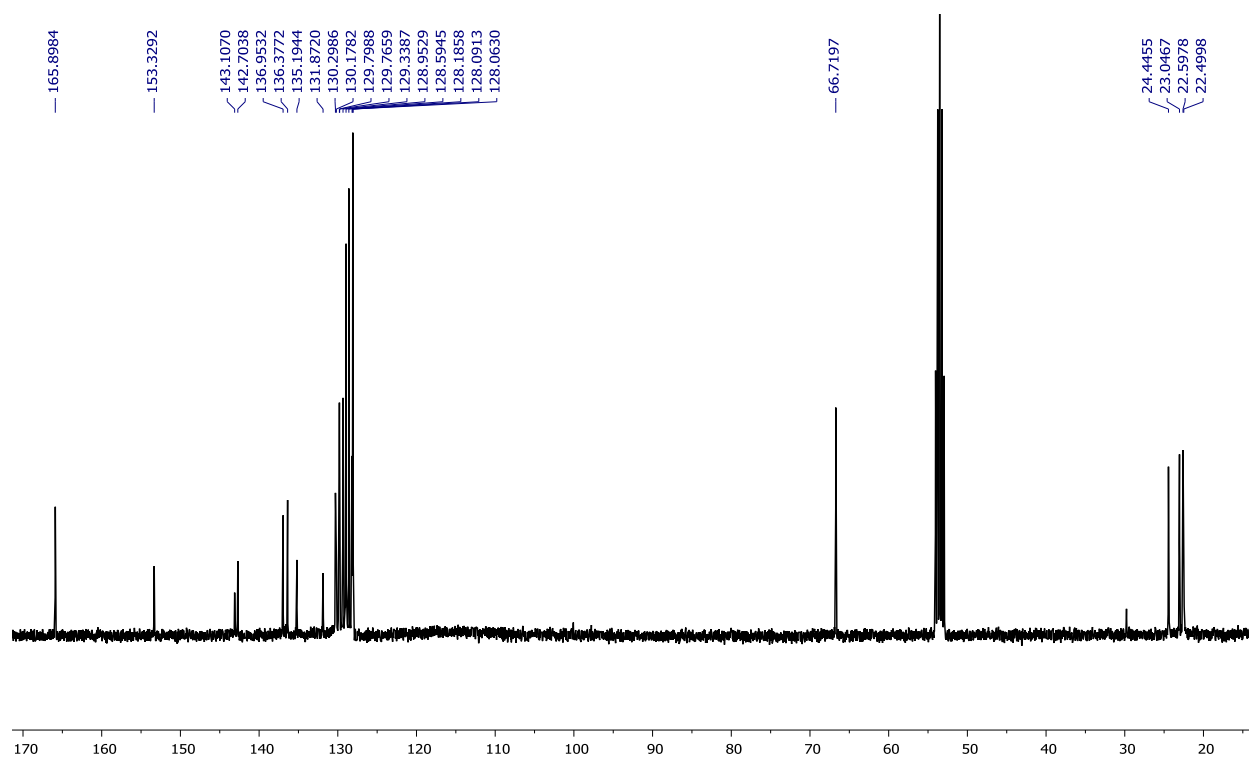


Figure S44: ¹³C NMR of BODIPY 5e

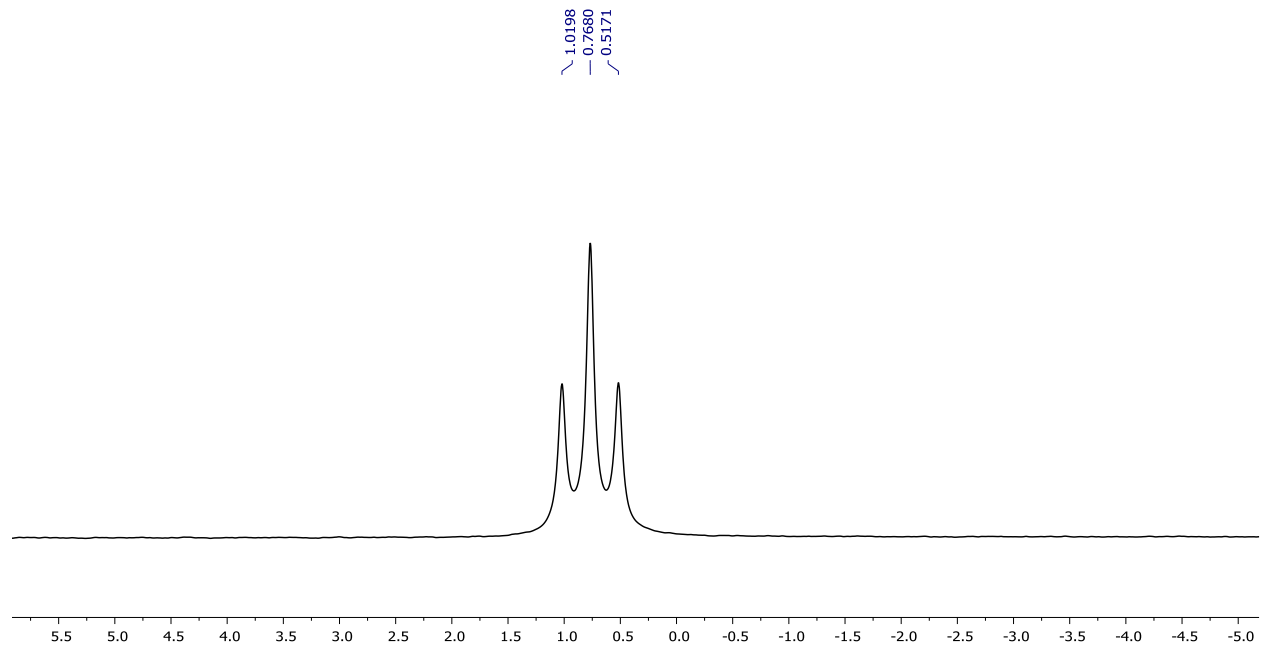


Figure S45: ^{11}B NMR of BODIPY 5e

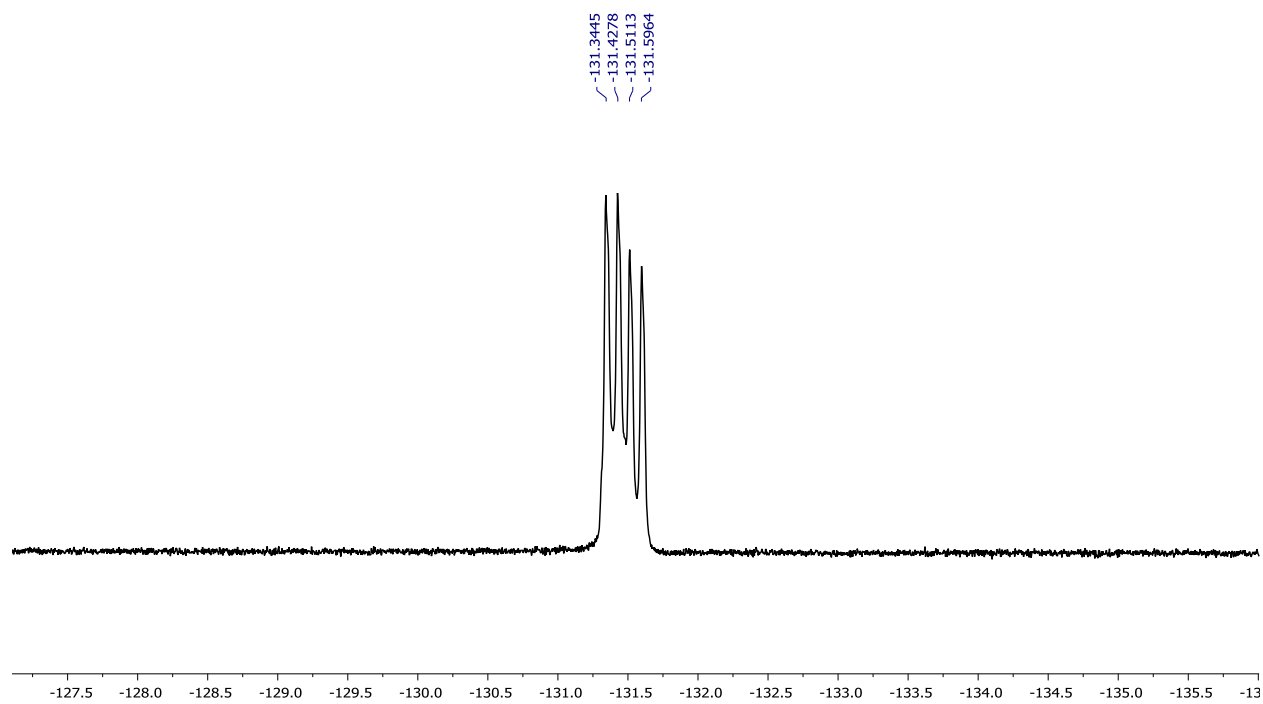


Figure S46: ^{19}F NMR of BODIPY 5e

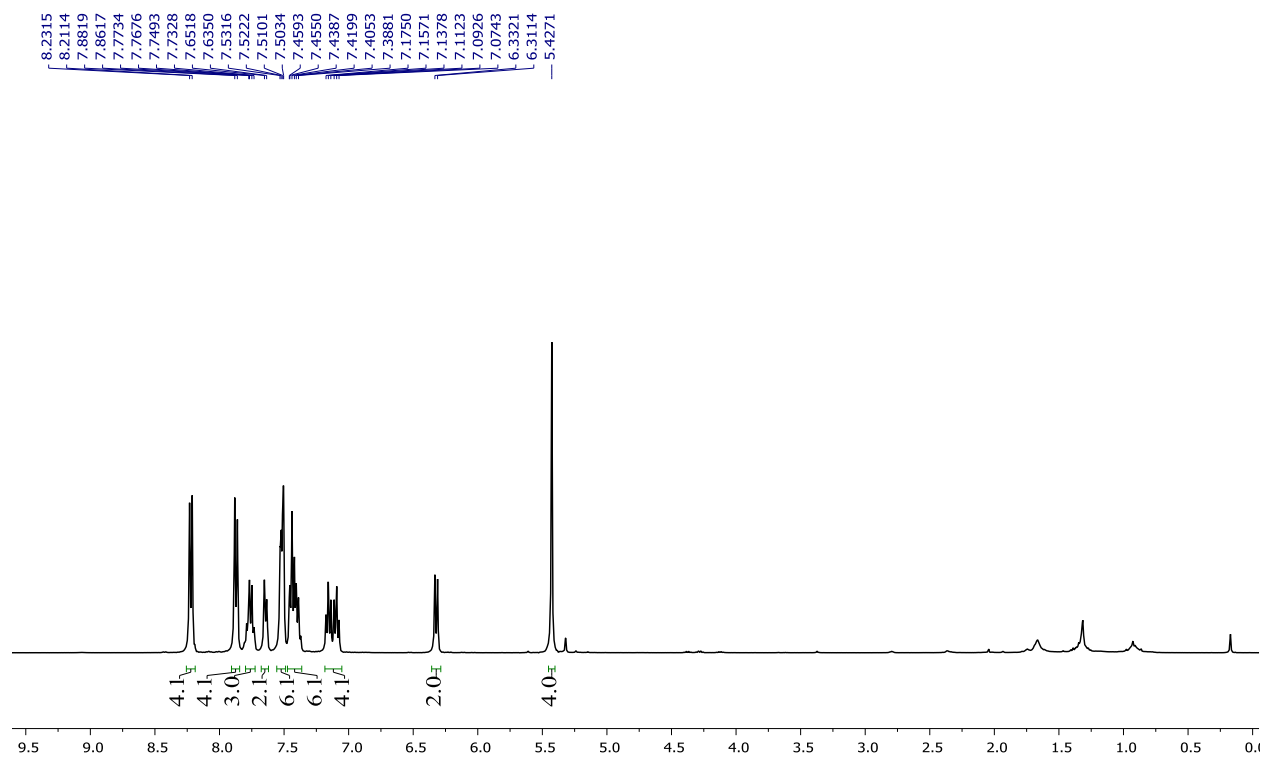


Figure S47: ¹H NMR of BODIPY 6e

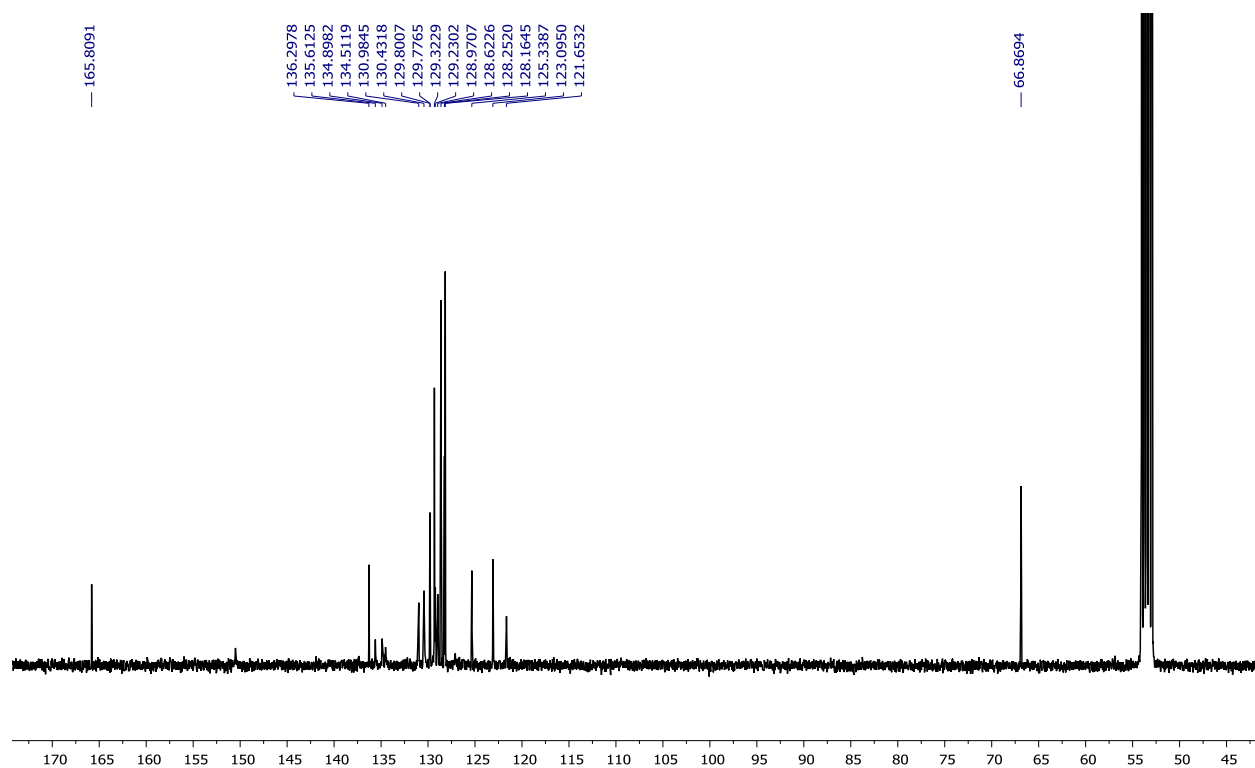


Figure S48: ¹³C NMR of BODIPY 6e

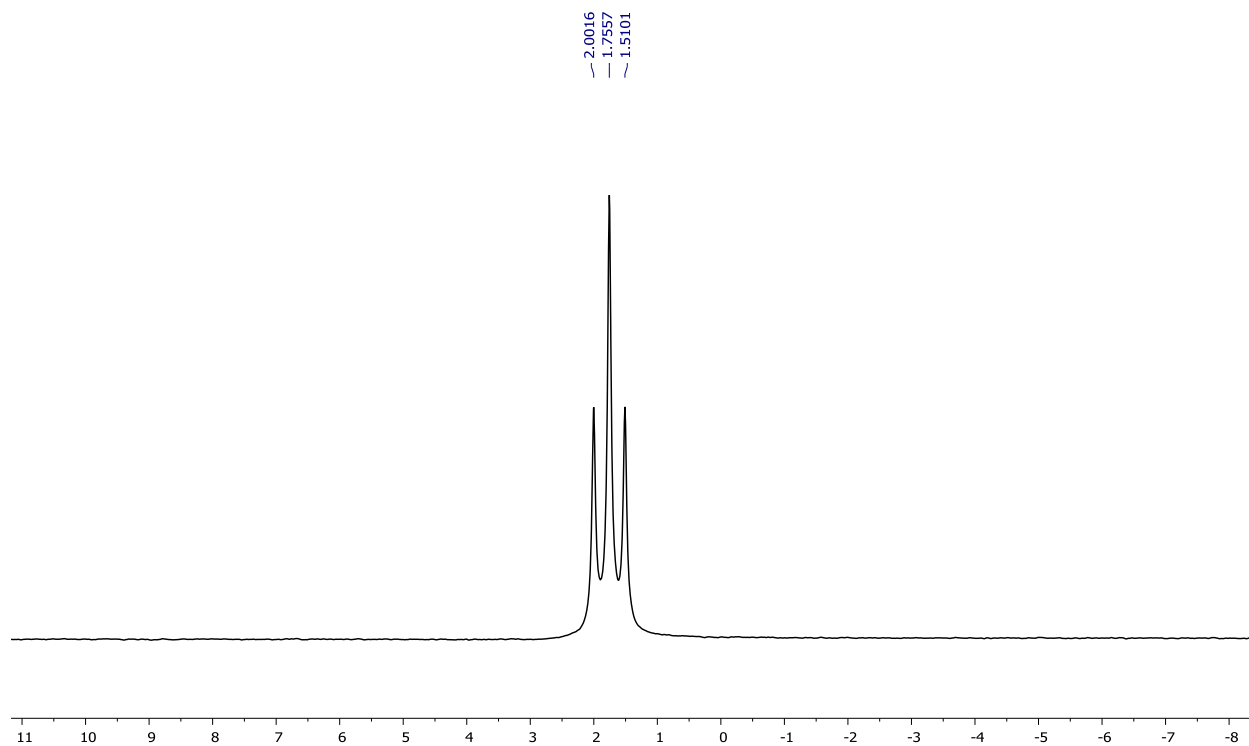


Figure S49: ^{11}B NMR of BODIPY 6e

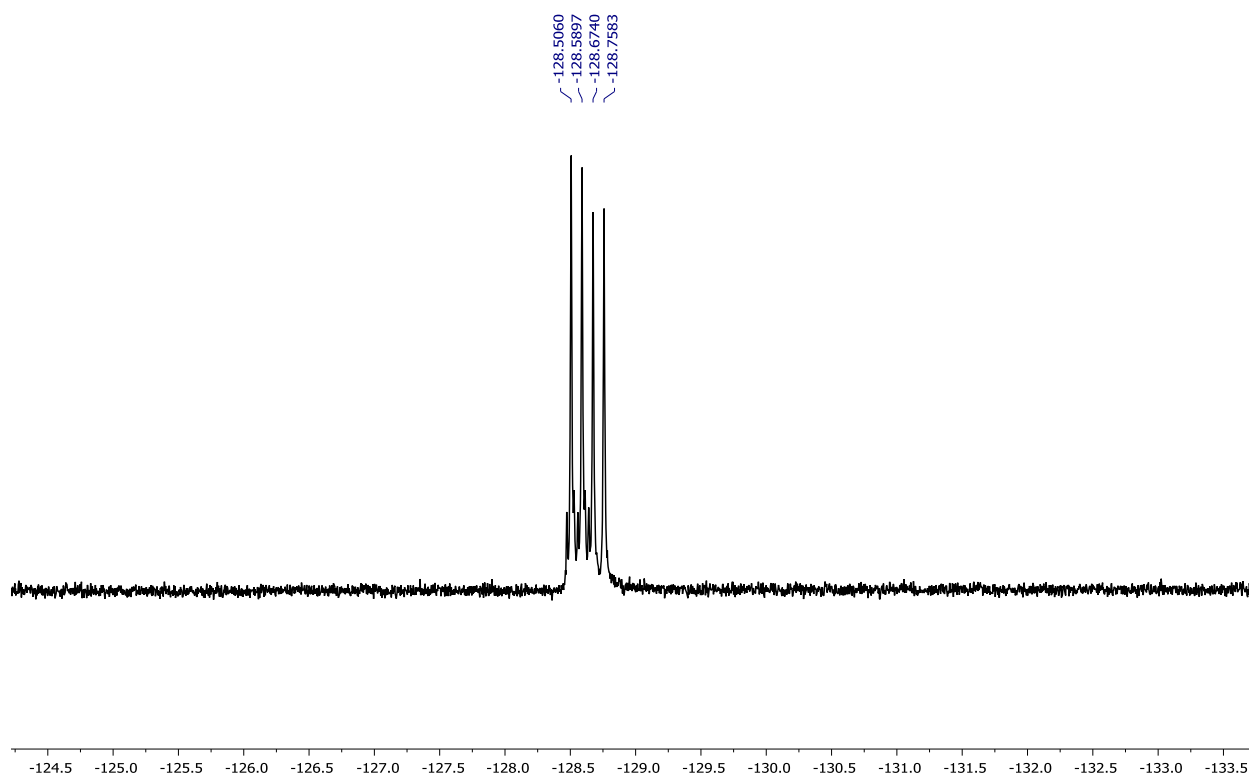


Figure S50: ^{19}F NMR of BODIPY 6e

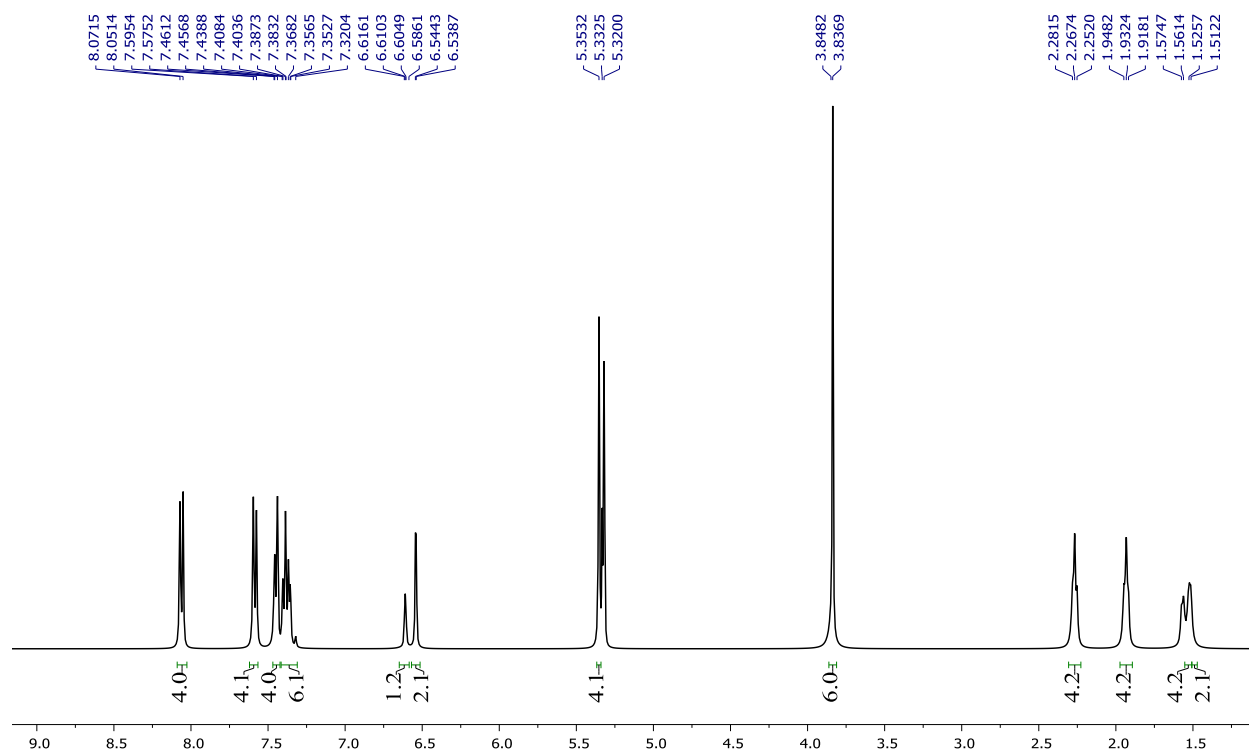


Figure S51: ¹H NMR of BODIPY 5f

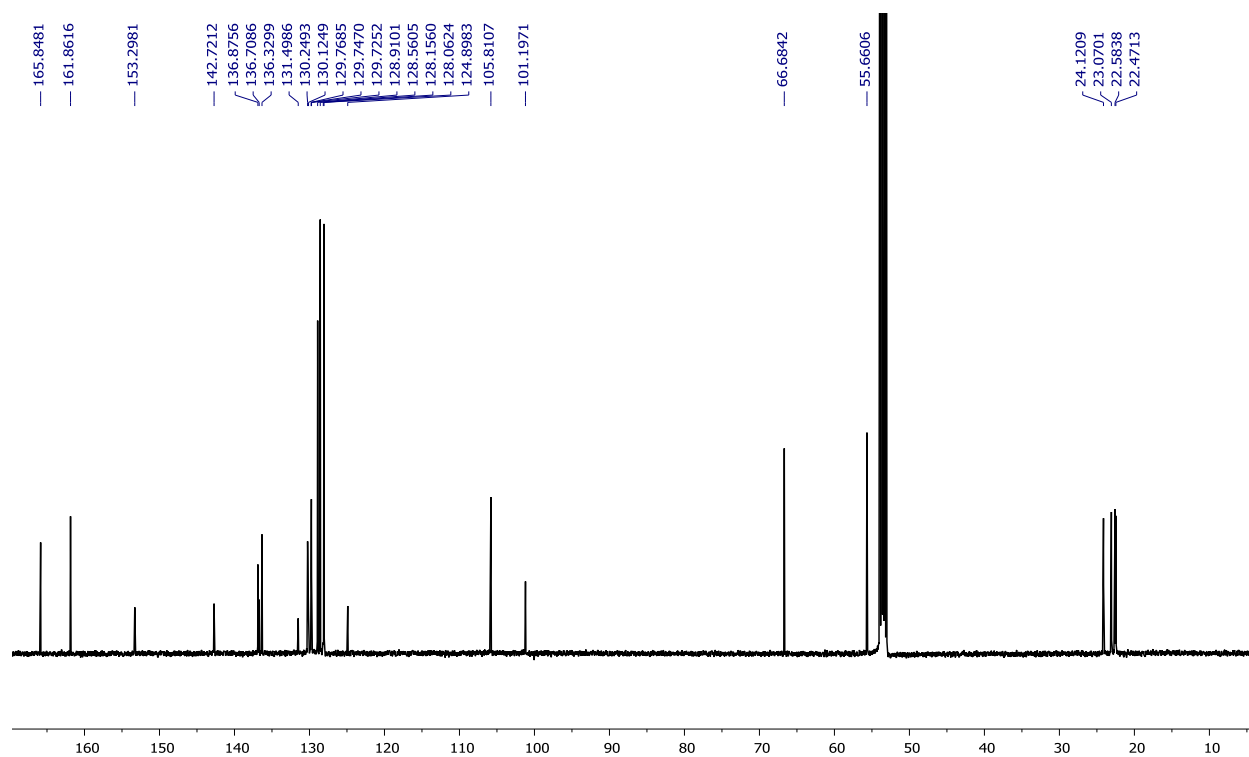


Figure S52: ¹³C NMR of BODIPY 5f

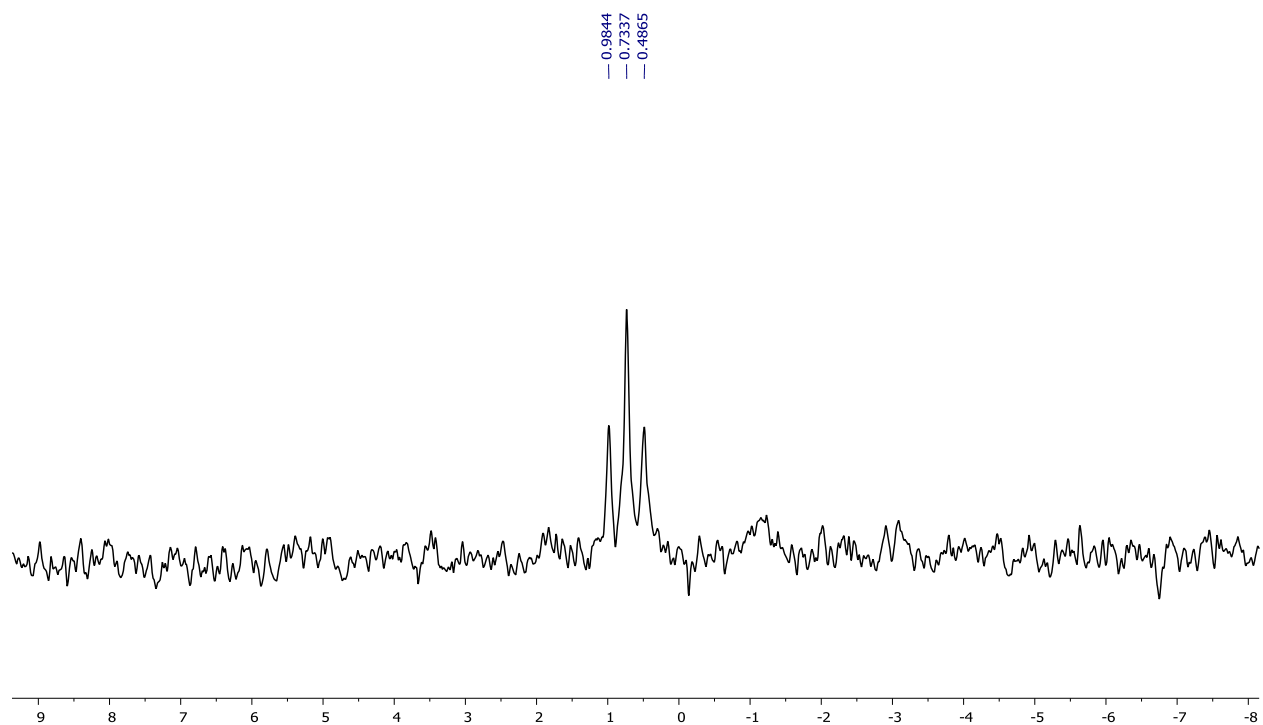


Figure S53: ^{11}B NMR of BODIPY 5f

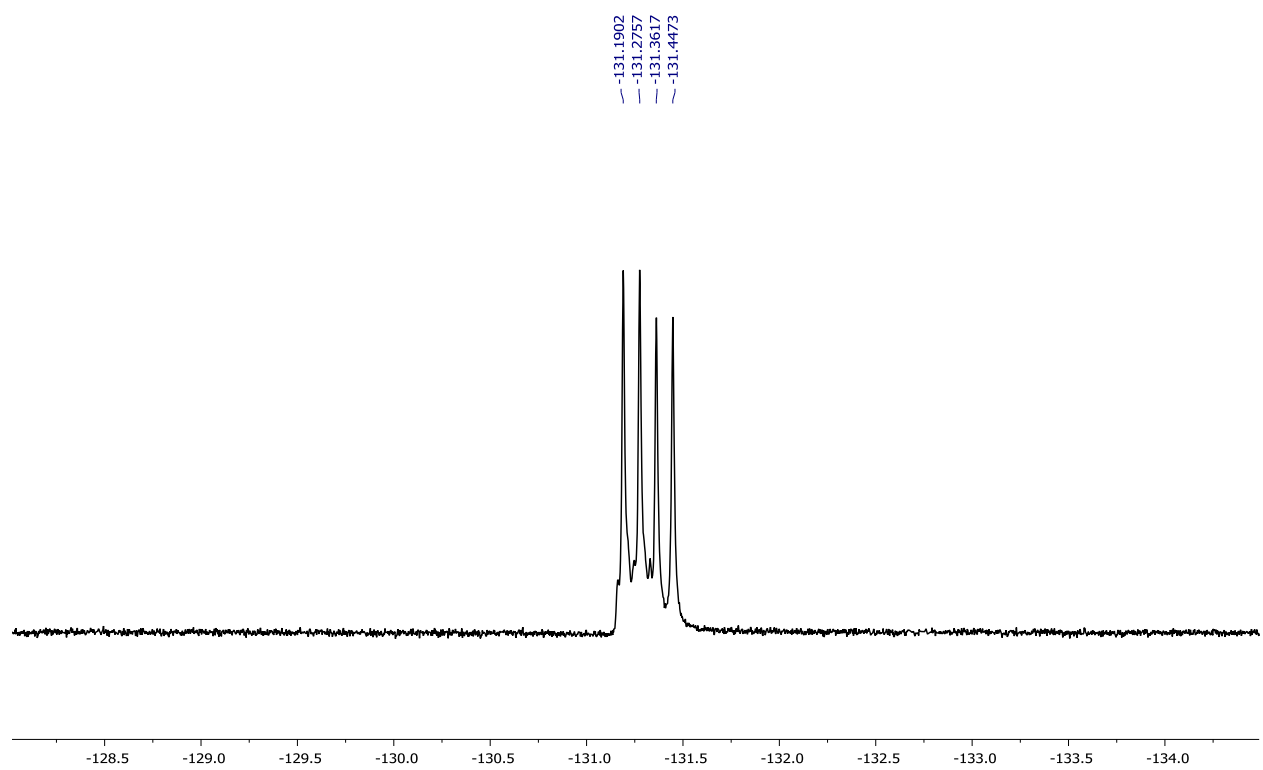


Figure S54: ^{19}F NMR of BODIPY 5f

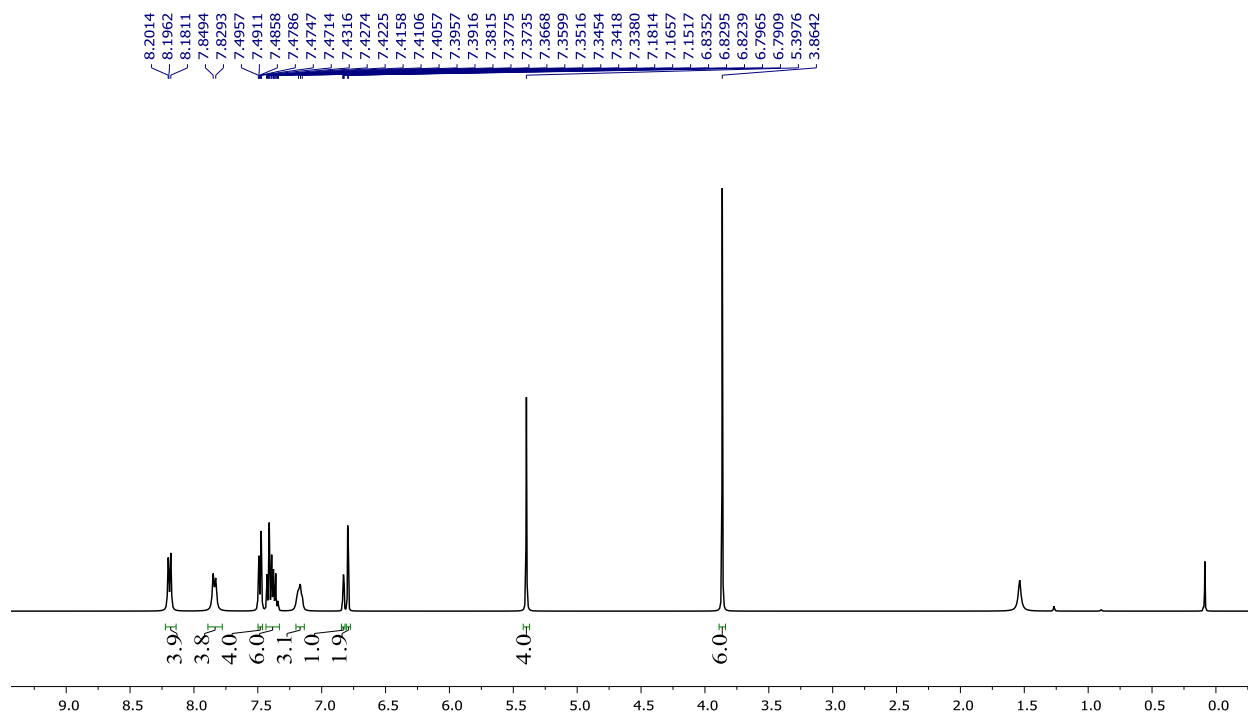


Figure S55: ¹H NMR of BODIPY 6f

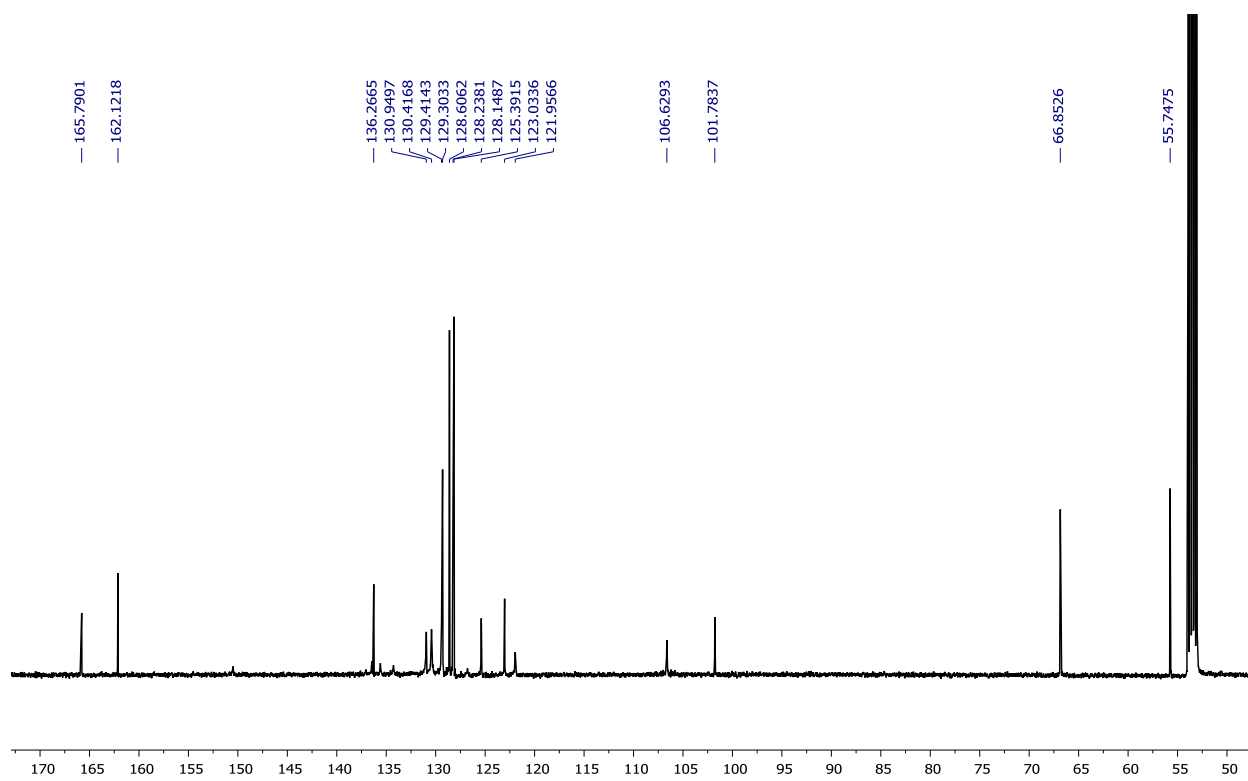


Figure S56: ¹³C NMR of BODIPY 6f

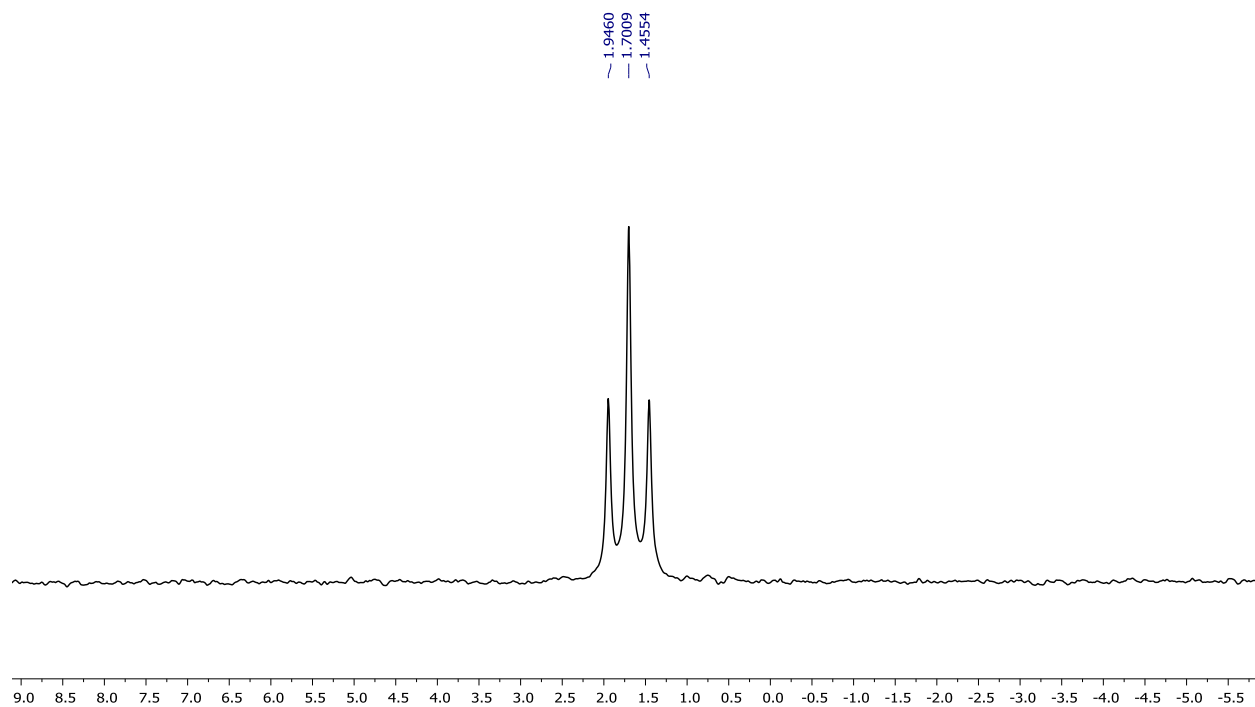


Figure S57: ^{11}B NMR of BODIPY 6f

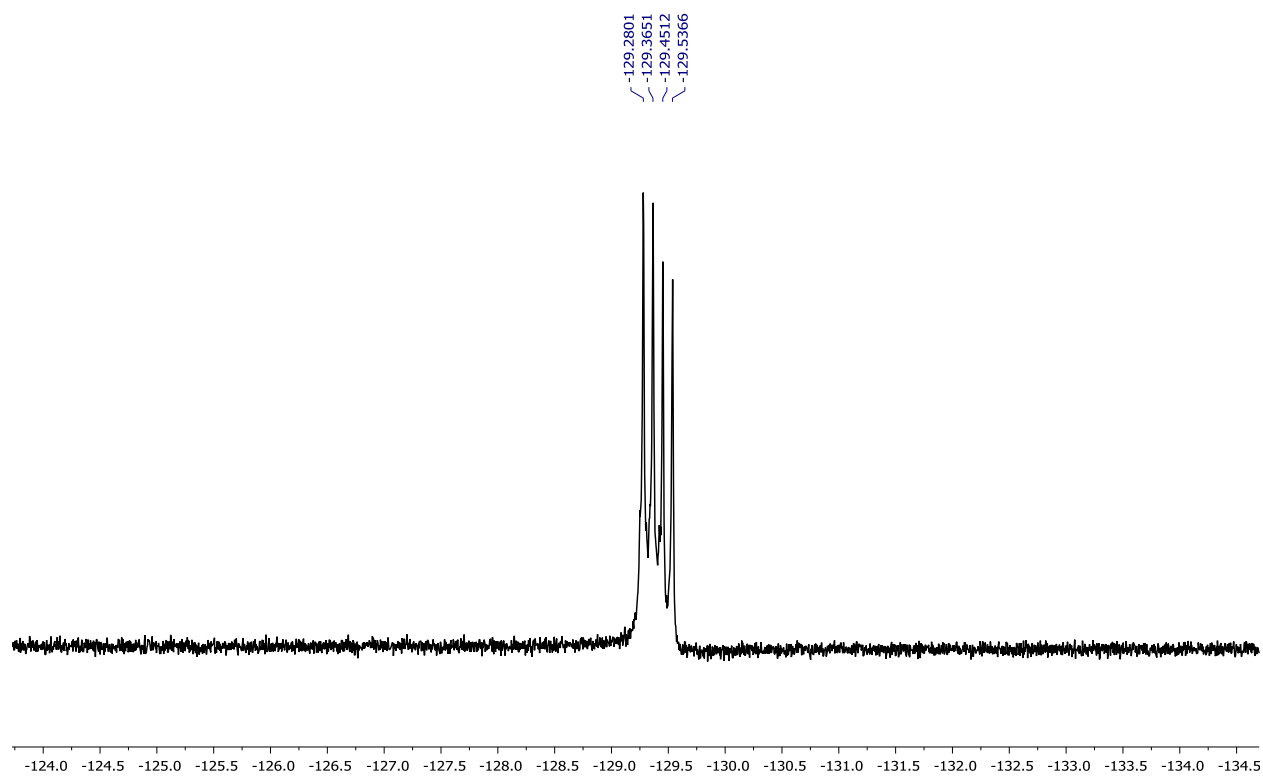


Figure S58: ^{19}F NMR of BODIPY 6f

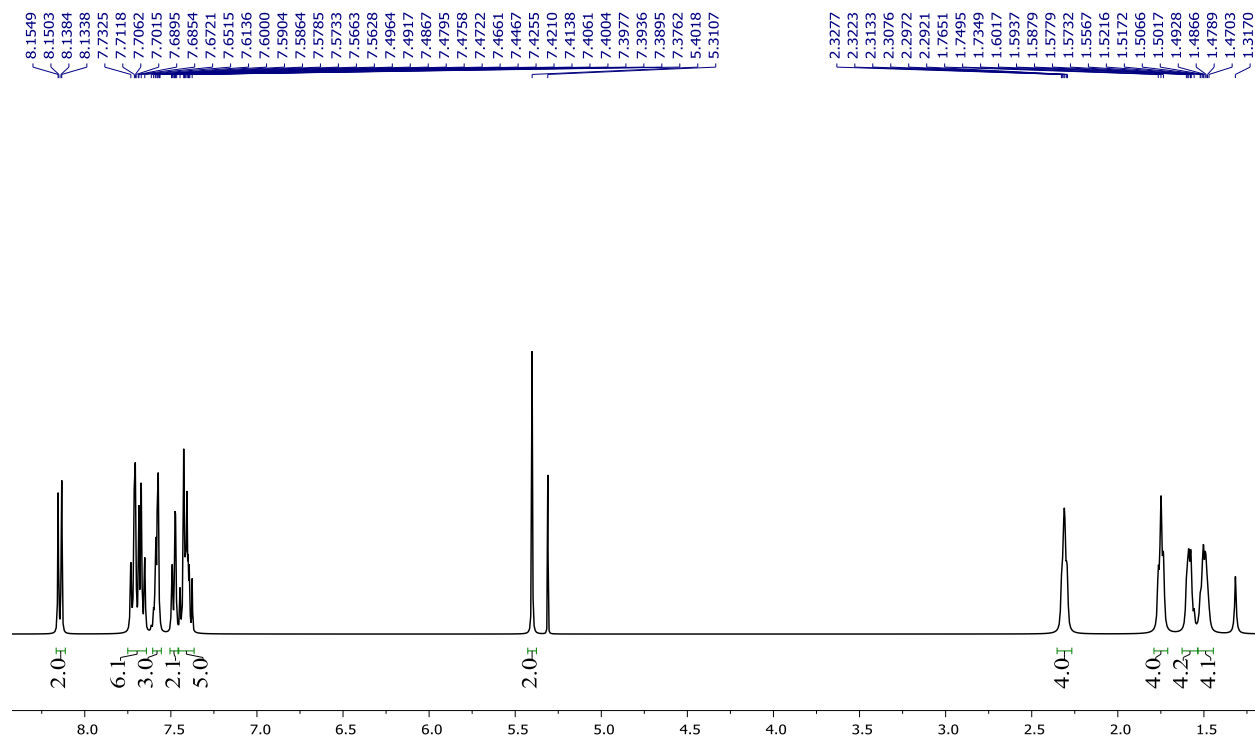


Figure S59: ¹H NMR of BODIPY 8a

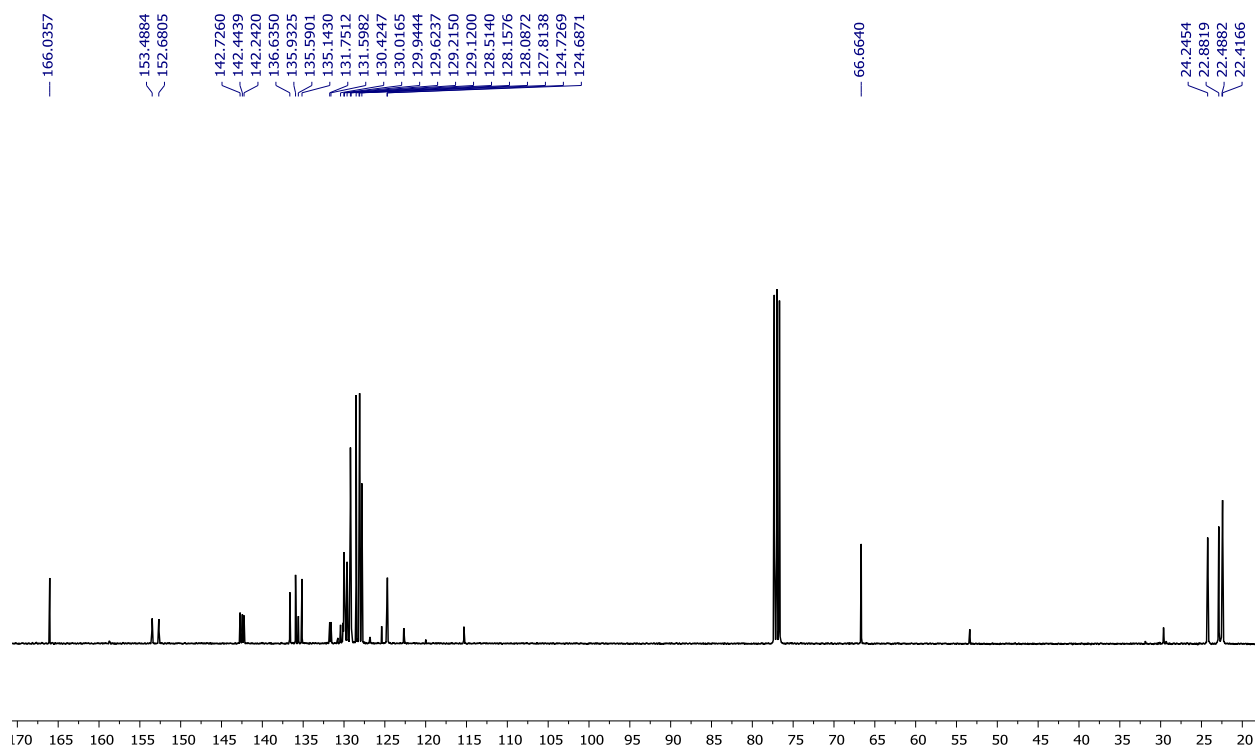


Figure S60: ¹³C NMR of BODIPY 8a

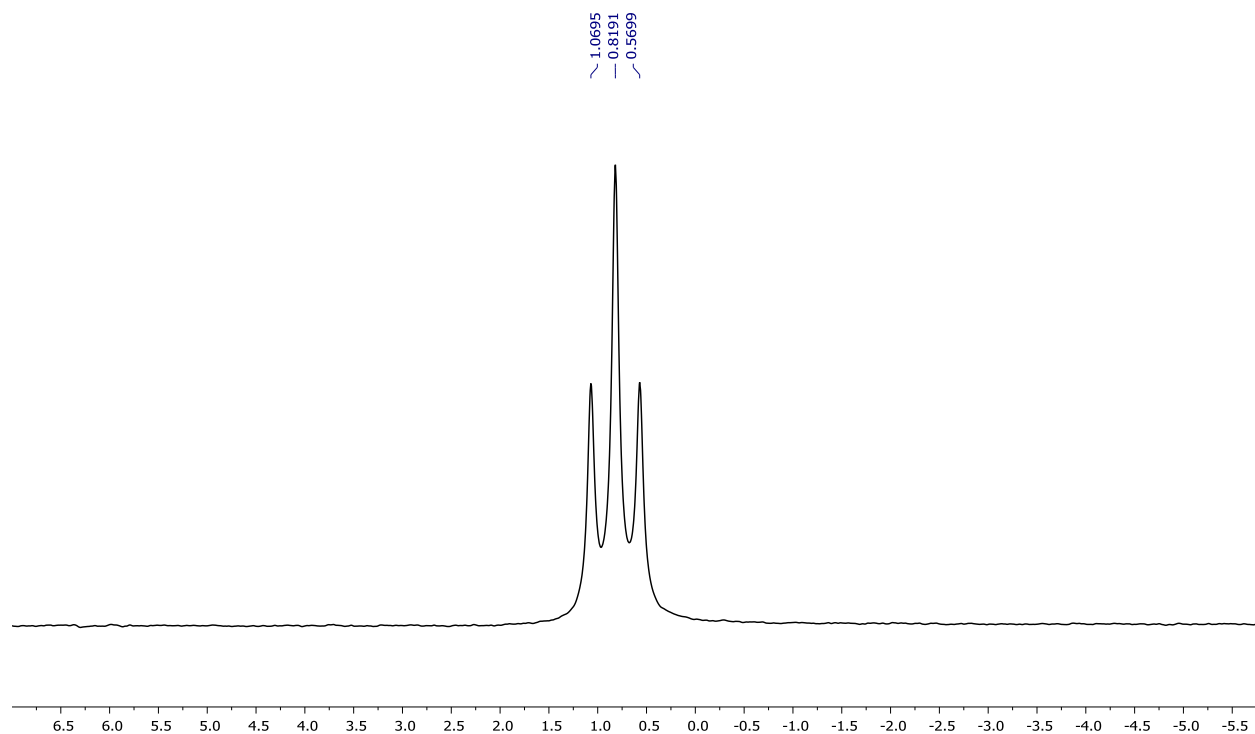


Figure S61: ^{11}B NMR of BODIPY 8a

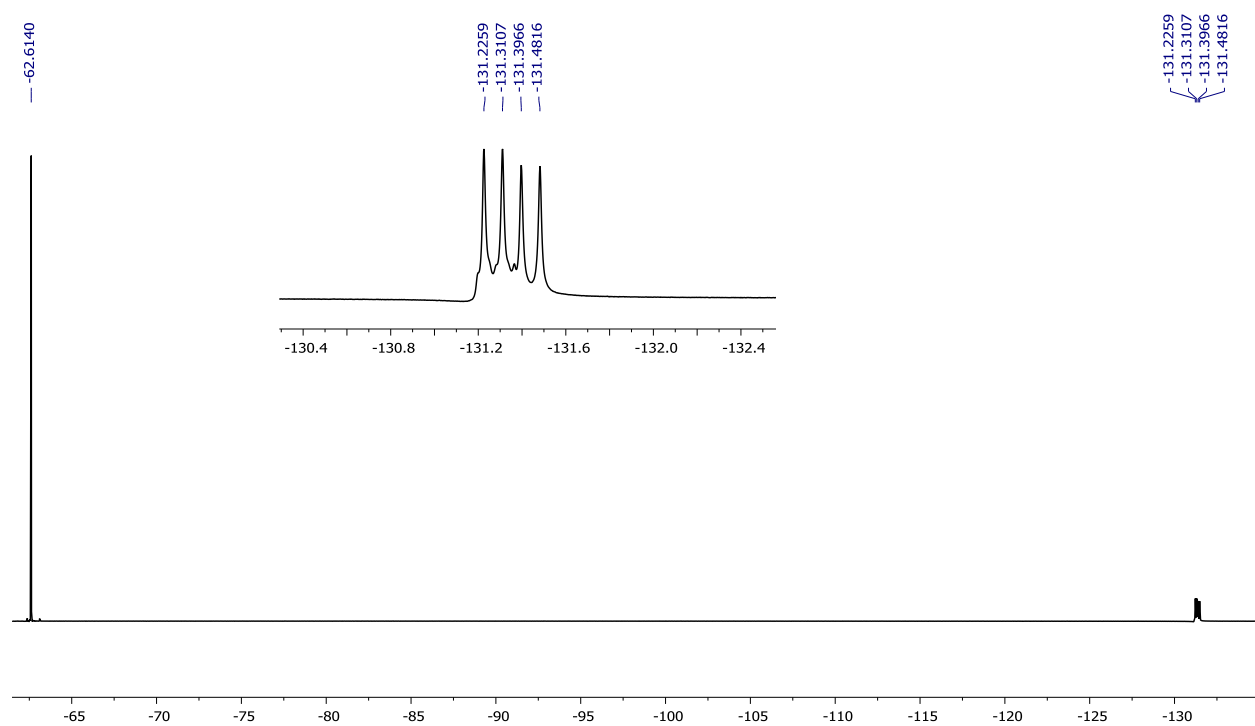


Figure S62: ^{19}F NMR of BODIPY 8a

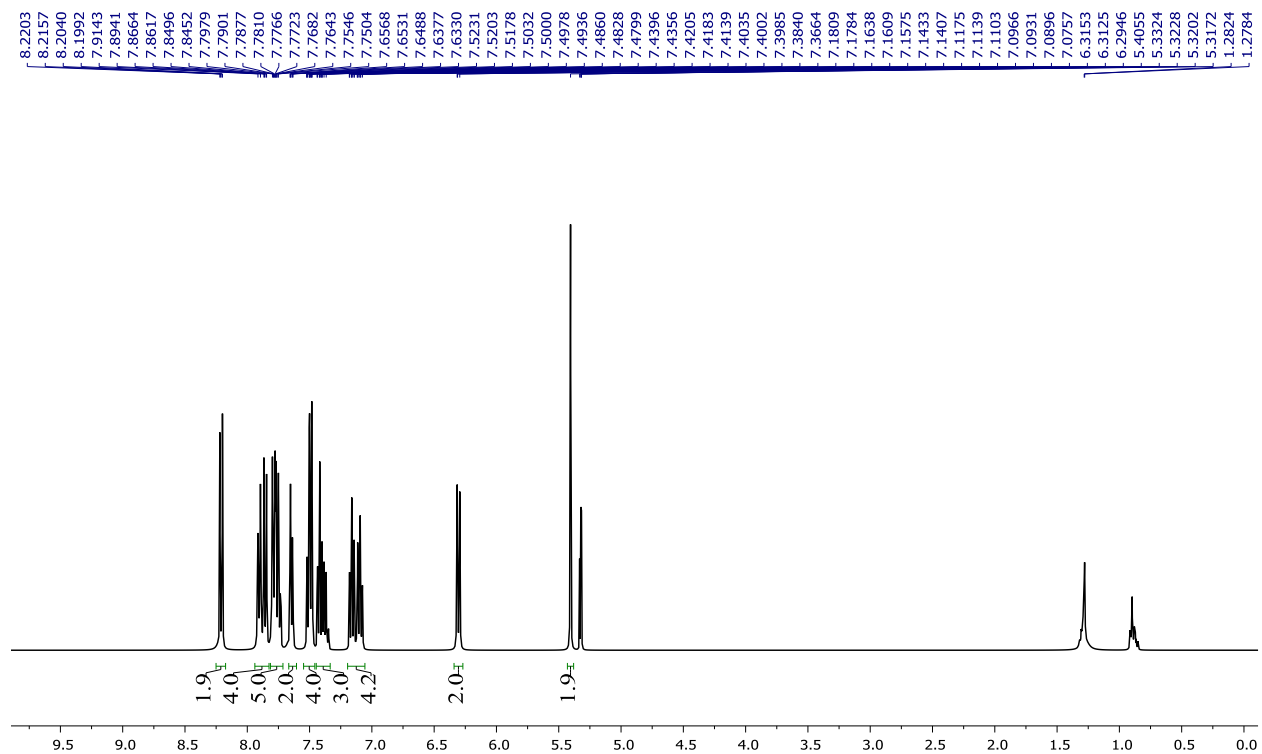


Figure S63: ^1H NMR of BODIPY 9a

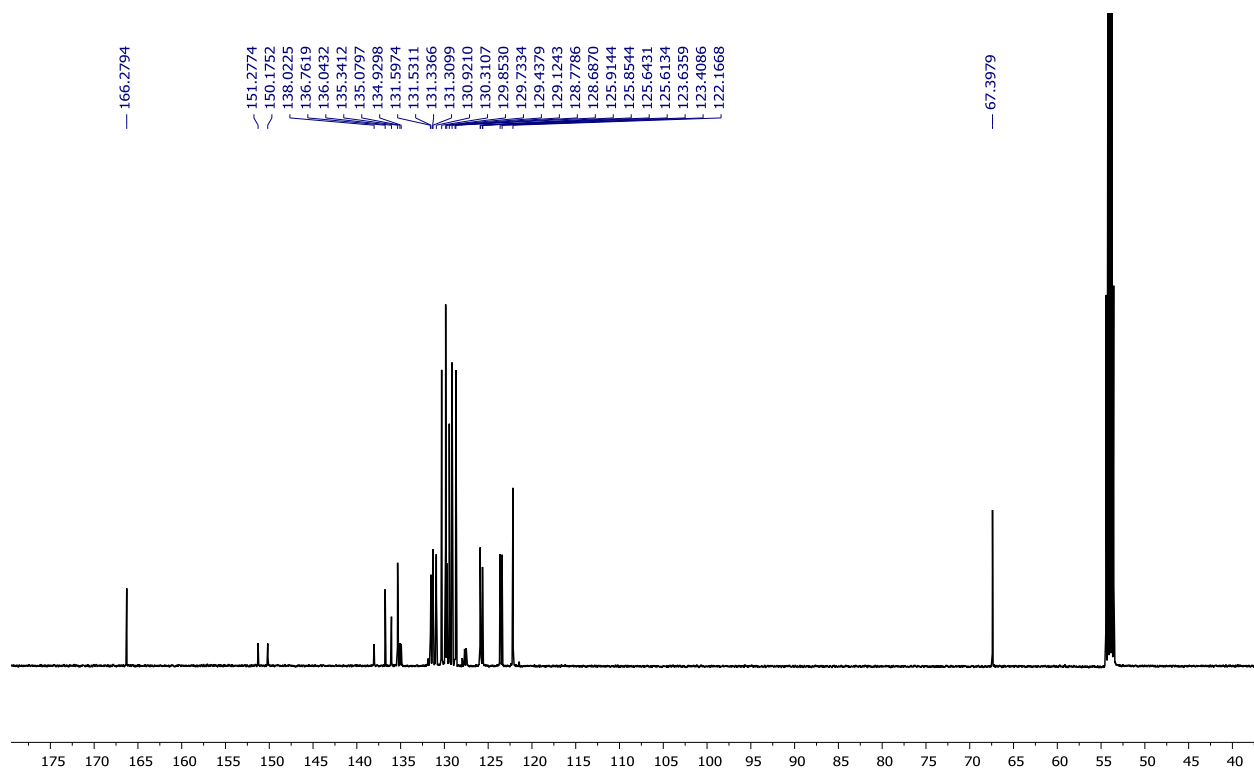


Figure S64: ^{13}C NMR of BODIPY 9a

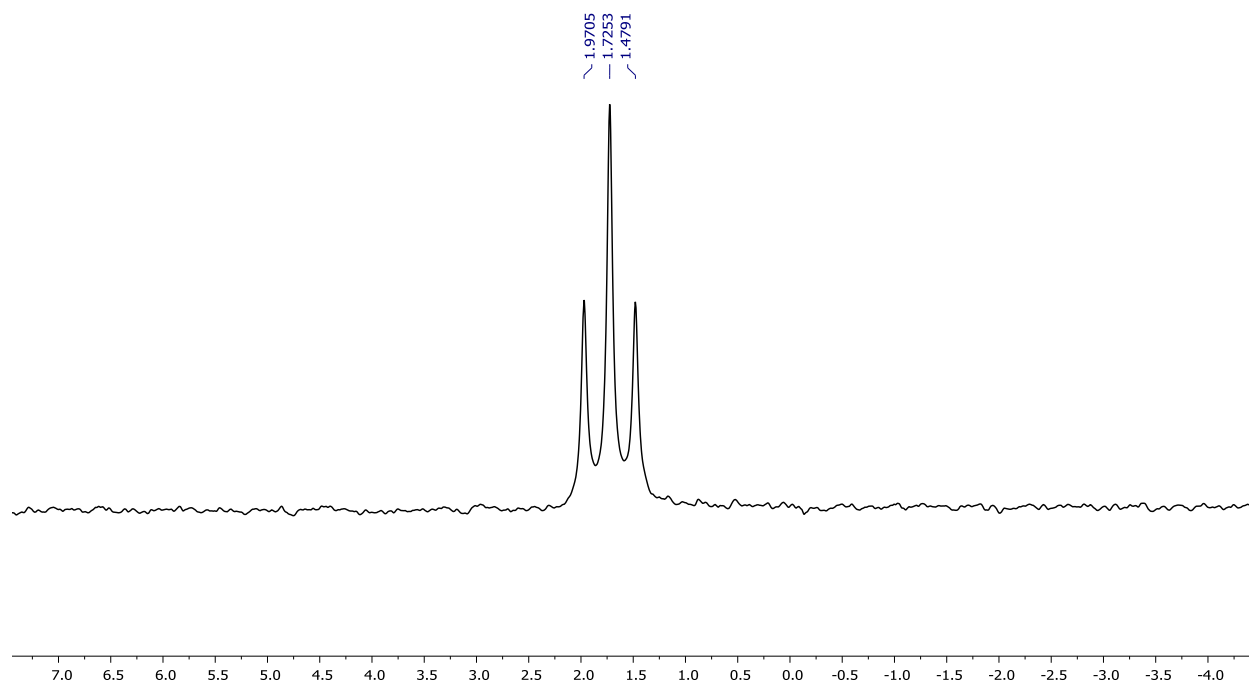


Figure S65: ^{11}B NMR of BODIPY 9a

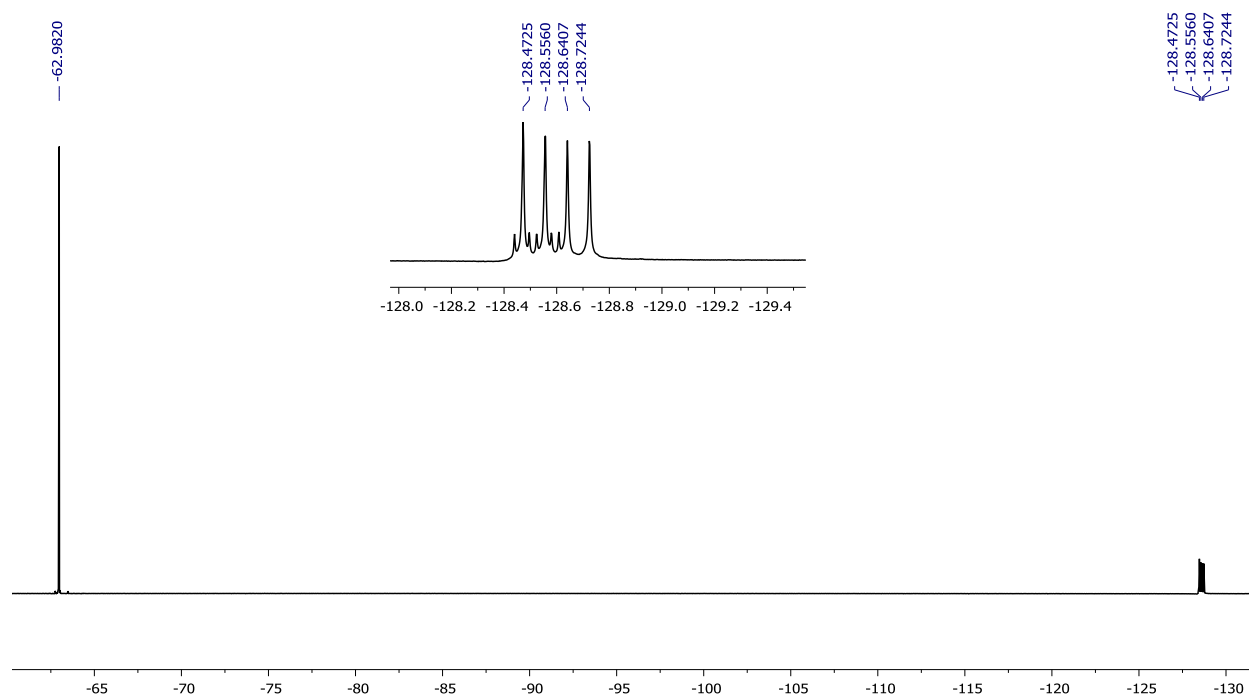


Figure S66: ^{19}F NMR of BODIPY 9a

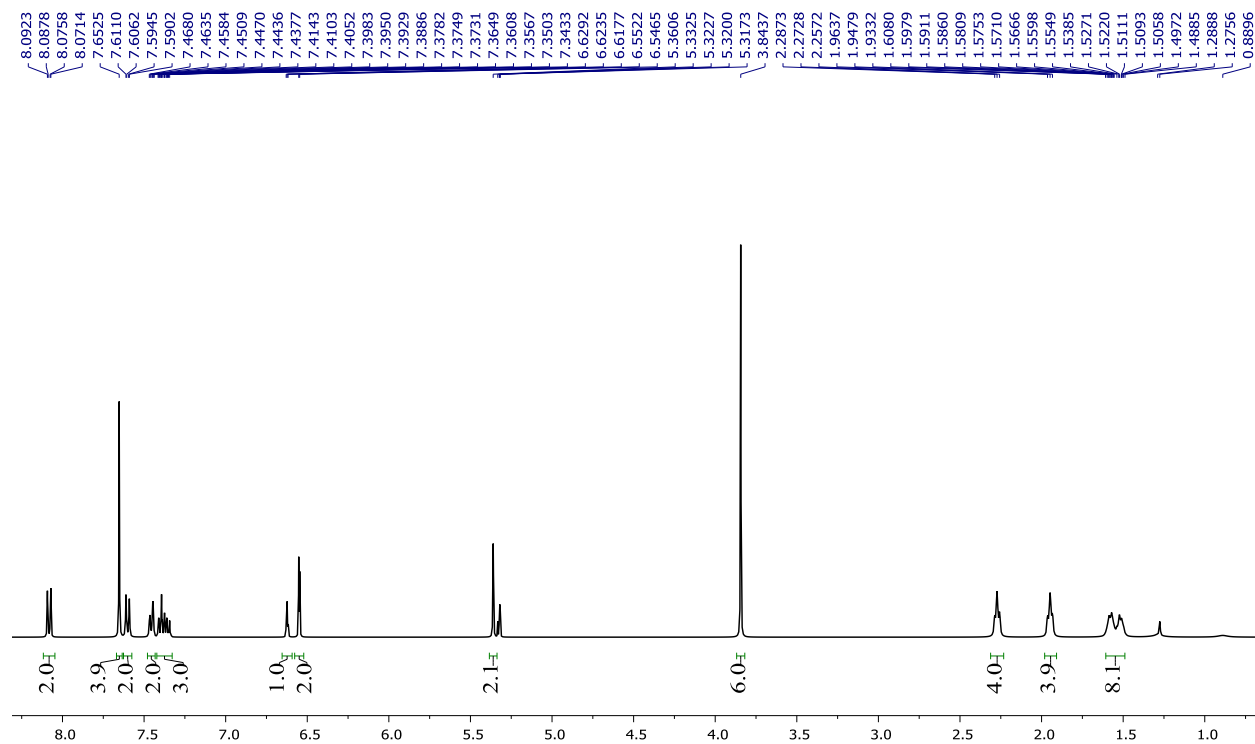


Figure S67: ^1H NMR of BODIPY 8b

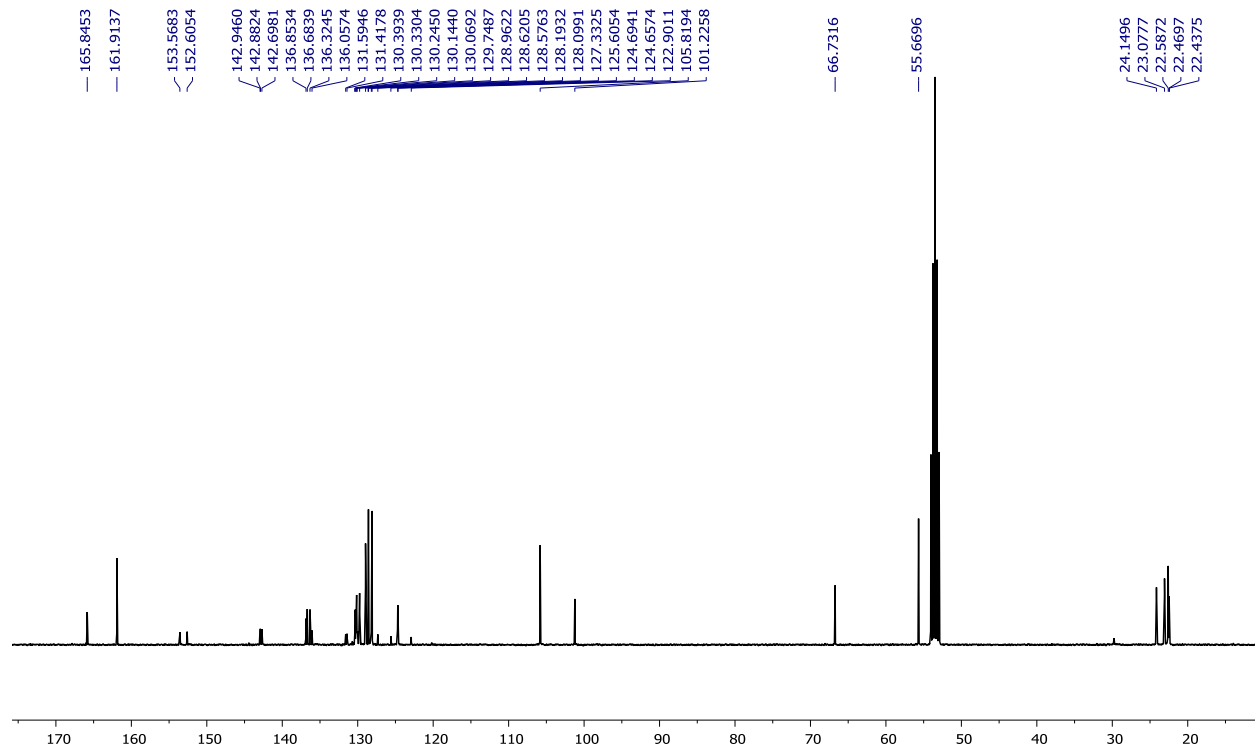


Figure S68: ^{13}C NMR of BODIPY 8b

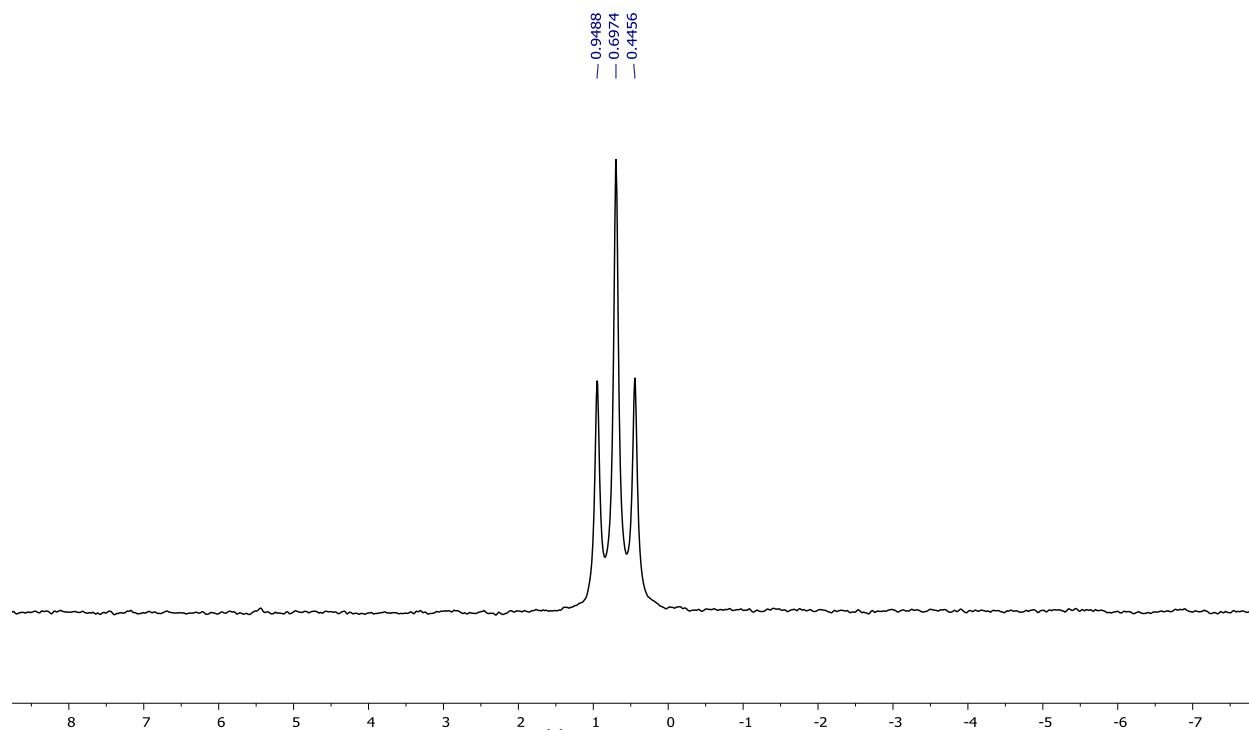


Figure S69: ^{11}B NMR of BODIPY 8b

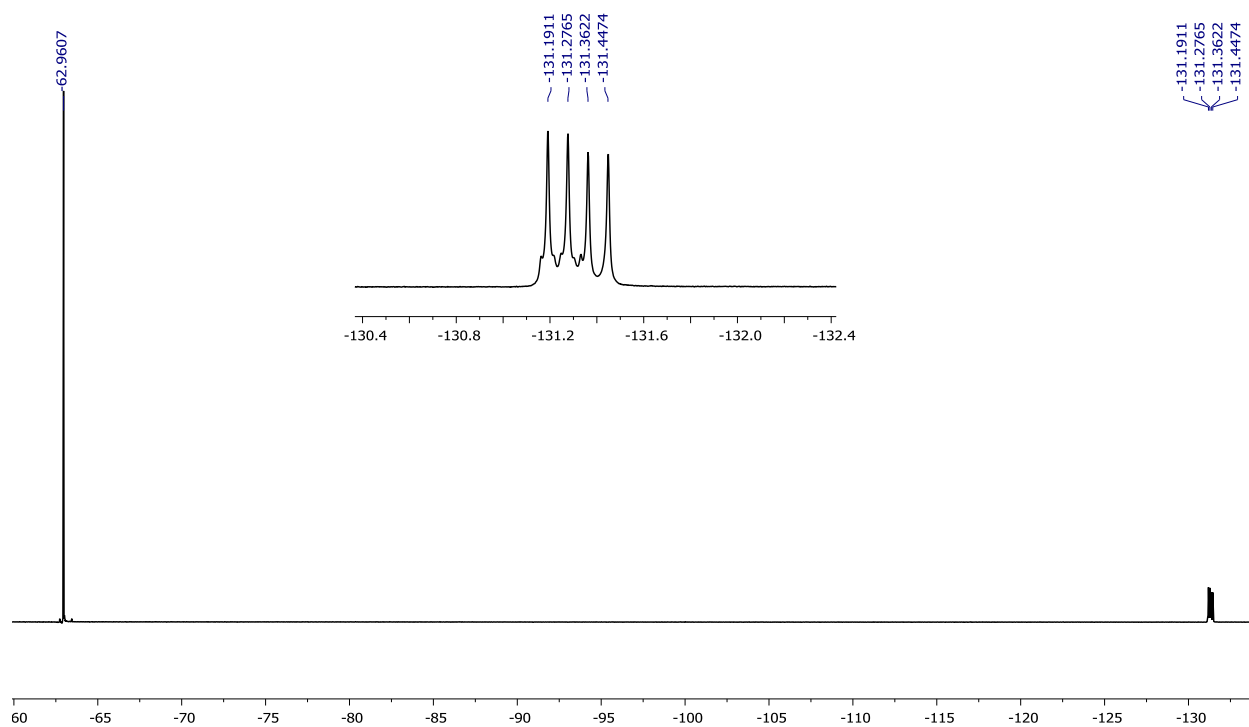


Figure S70: ^{19}F NMR of BODIPY 8b

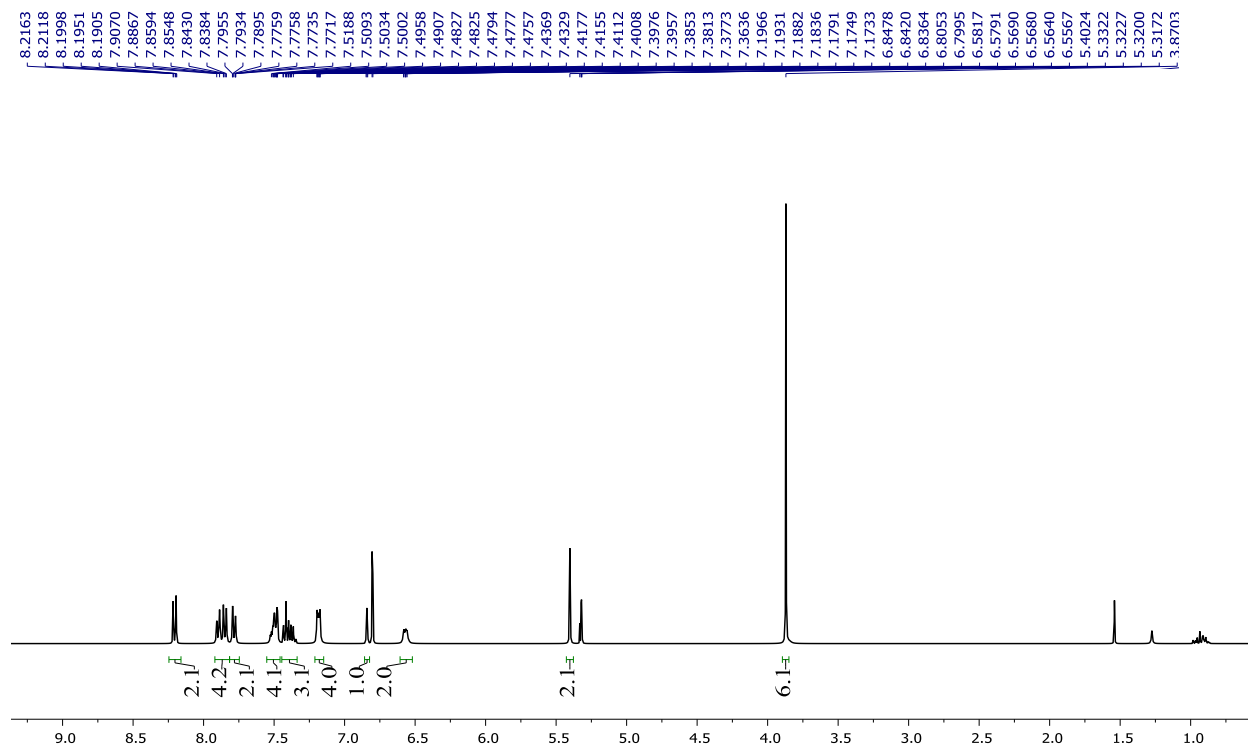


Figure S71: ^1H NMR of BODIPY 9b

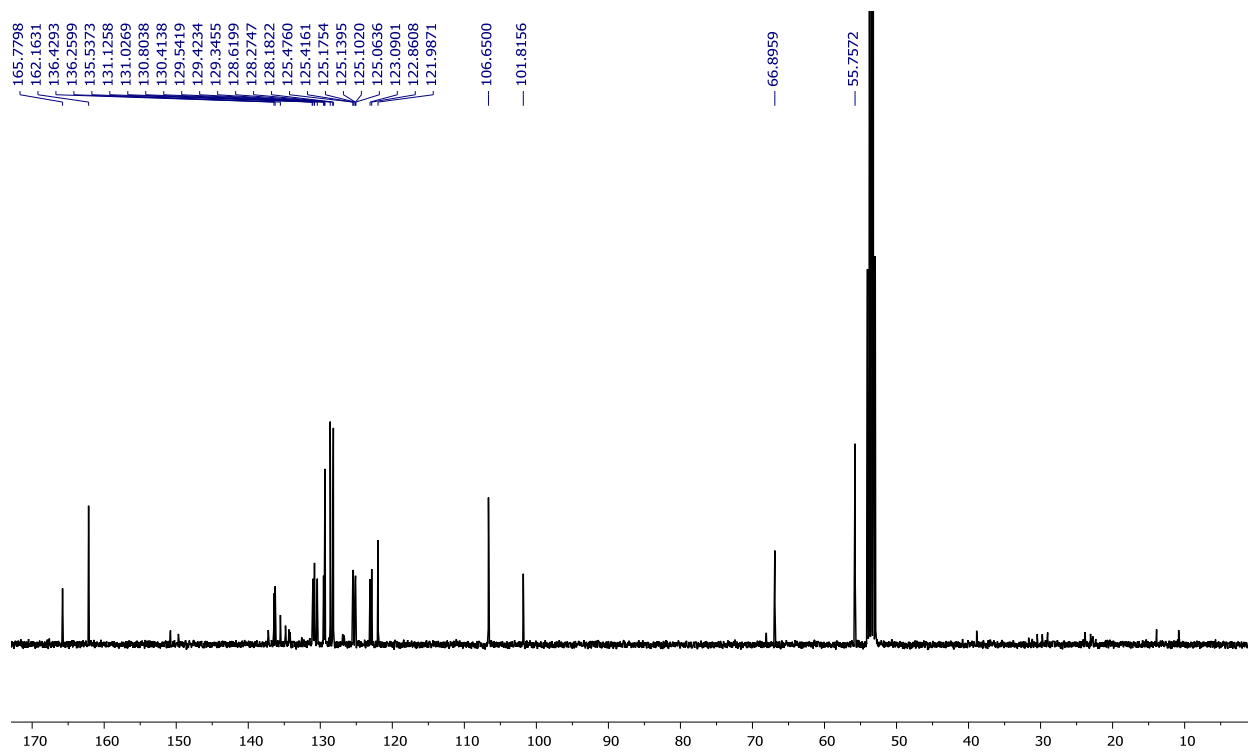


Figure S72: ^{13}C NMR of BODIPY 9b

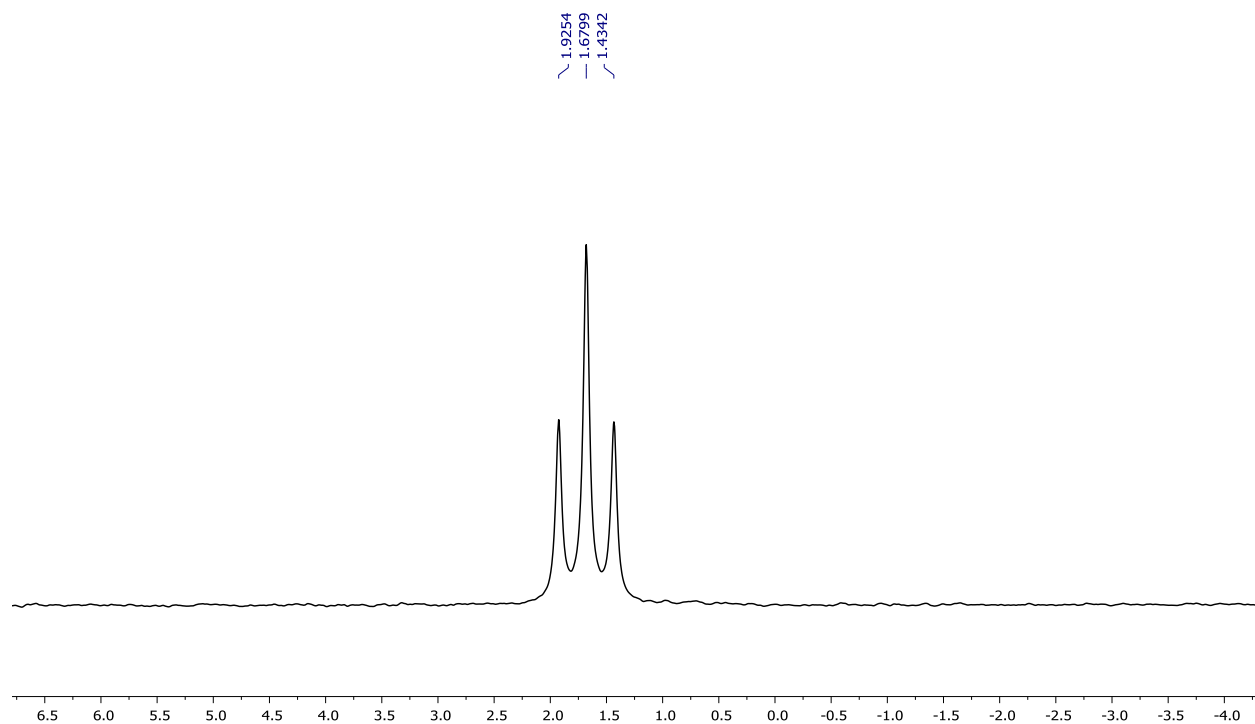


Figure S73: ^{11}B NMR of BODIPY 9b

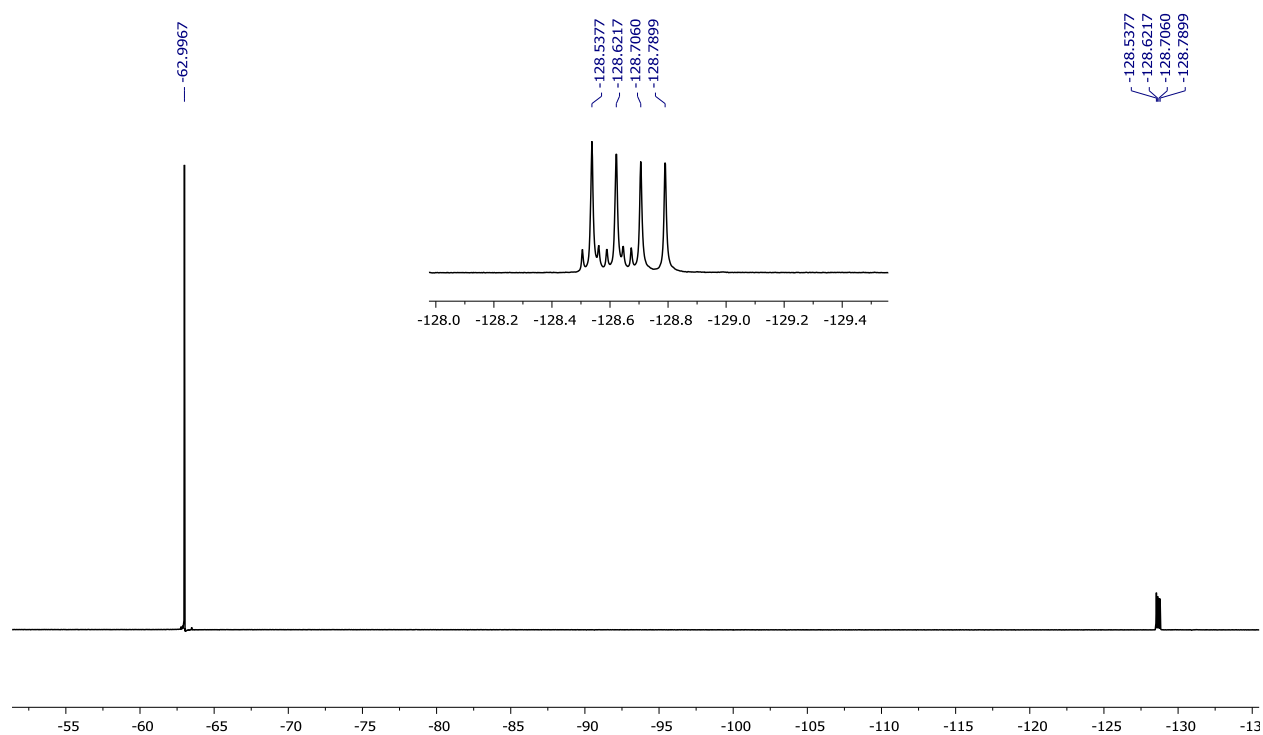


Figure S74: ^{19}F NMR of BODIPY 9b

Part II: Normalized Absorbance and Emission Data in THF

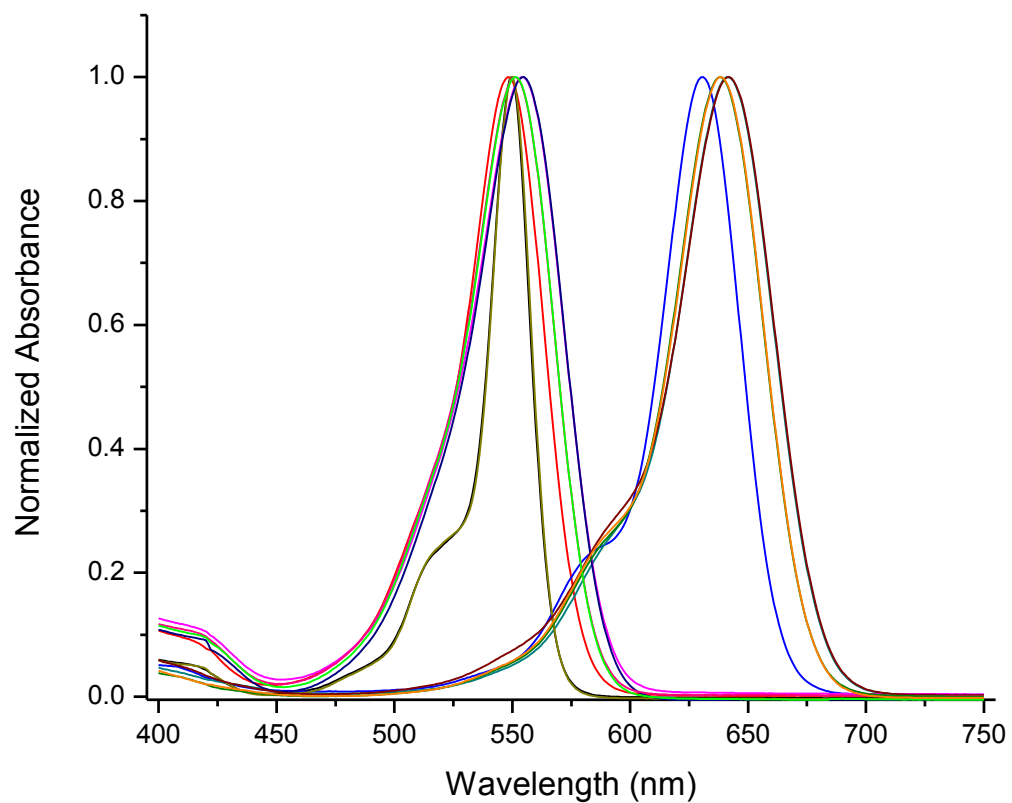


Figure S75: Normalized absorption spectra of BODIPYs **1a** (black), **1b** (dark yellow), **5a** (red), **5e** (dark cyan), **5f** (navy), **6a** (blue), **6e** (magenta), **6f** (wine), **8a** (pink), **8b** (green), **9a** (olive) and **9b** (orange) in THF at room temperature

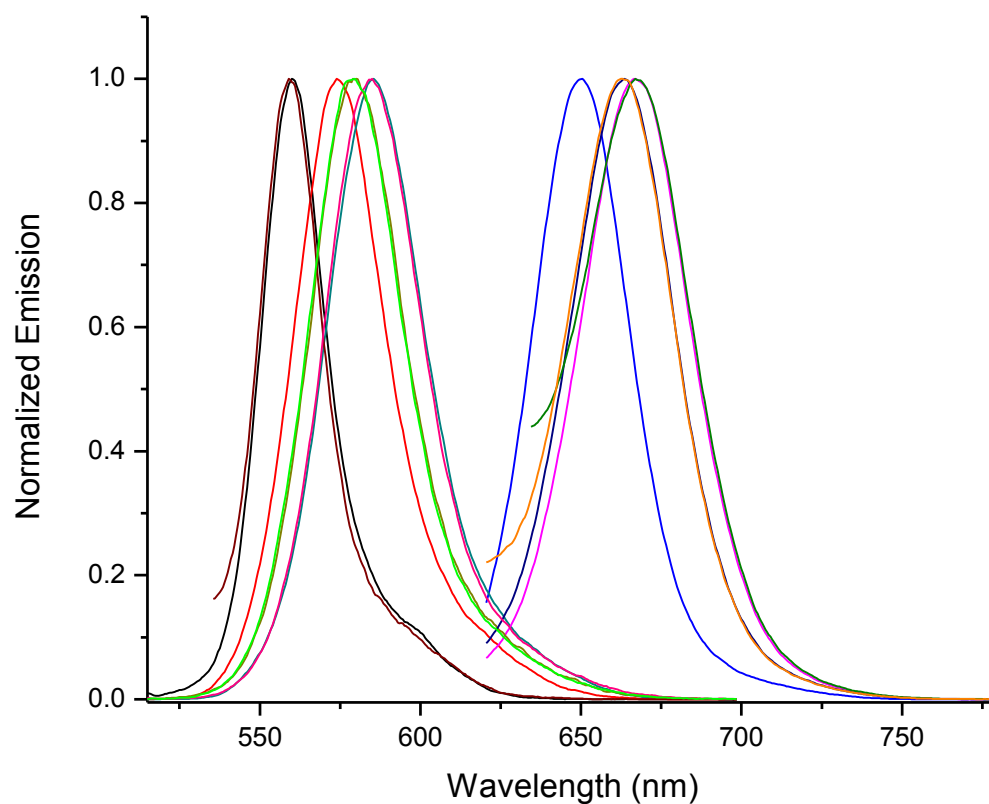


Figure S76: Normalized emission spectra of BODIPYs **1a** (black), **1b** (dark yellow), **5a** (red), **5e** (dark cyan), **5f** (navy), **6a** (blue), **6e** (magenta), **6f** (wine), **8a** (pink), **8b** (green), **9a** (olive) and **9b** (orange) in THF at room temperature