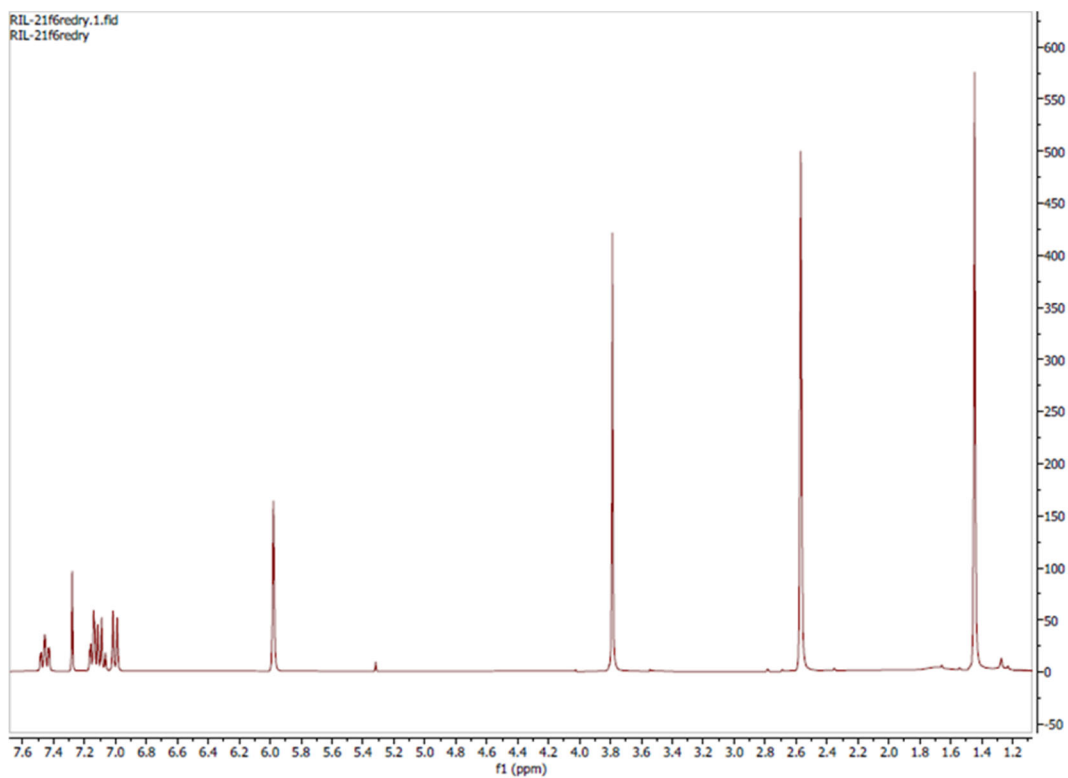
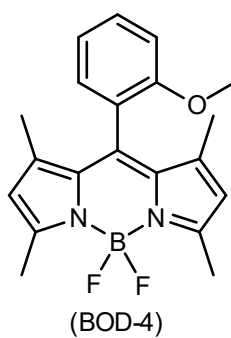
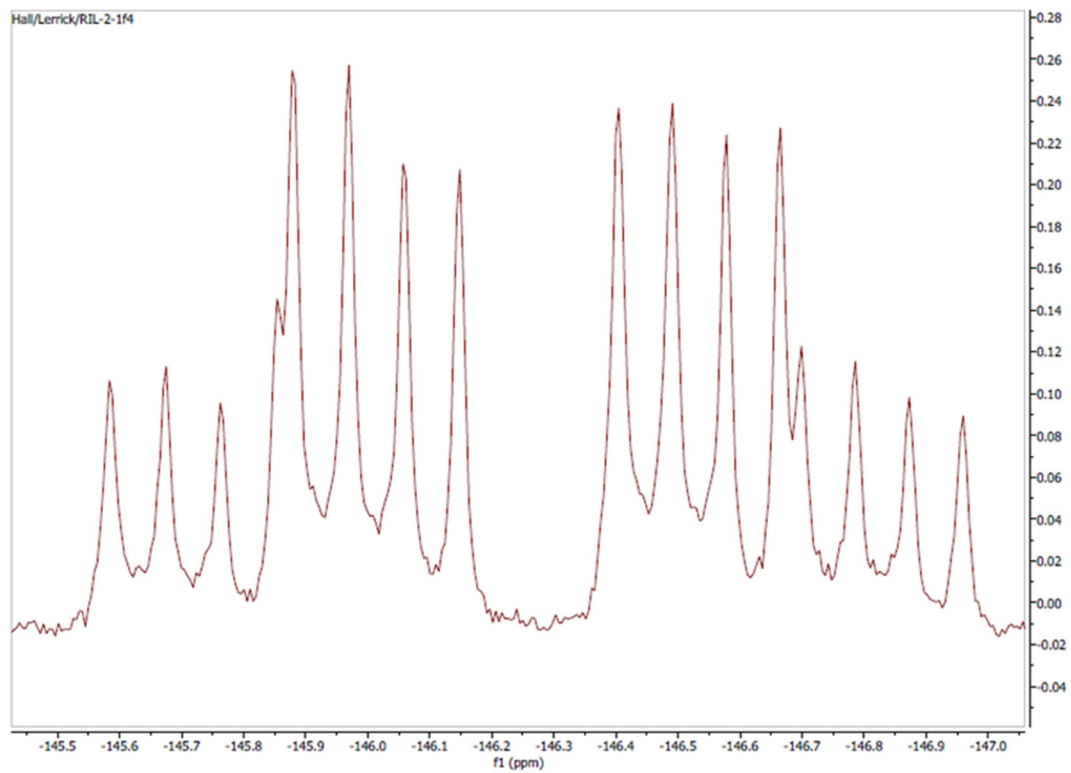
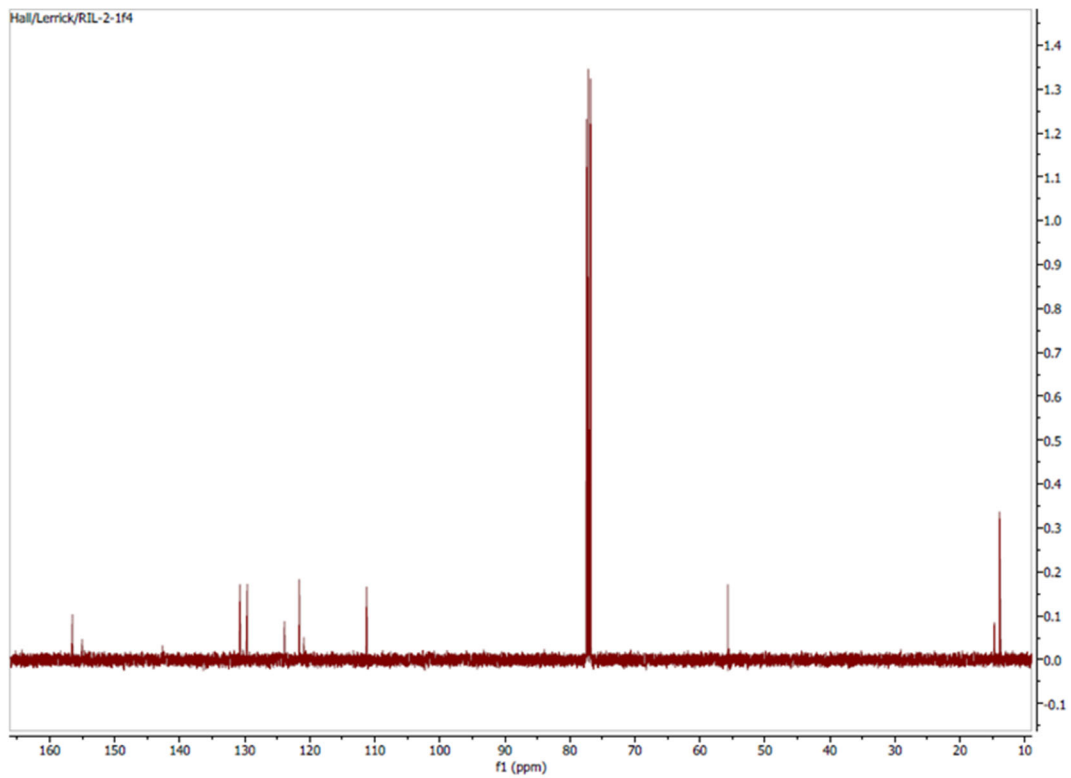
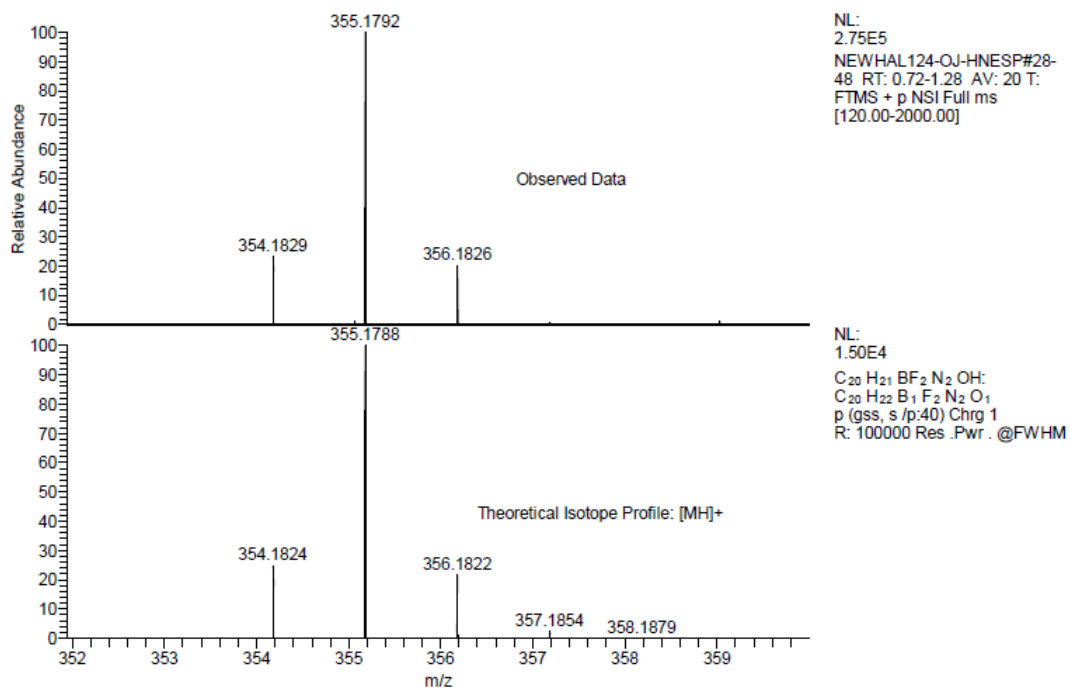


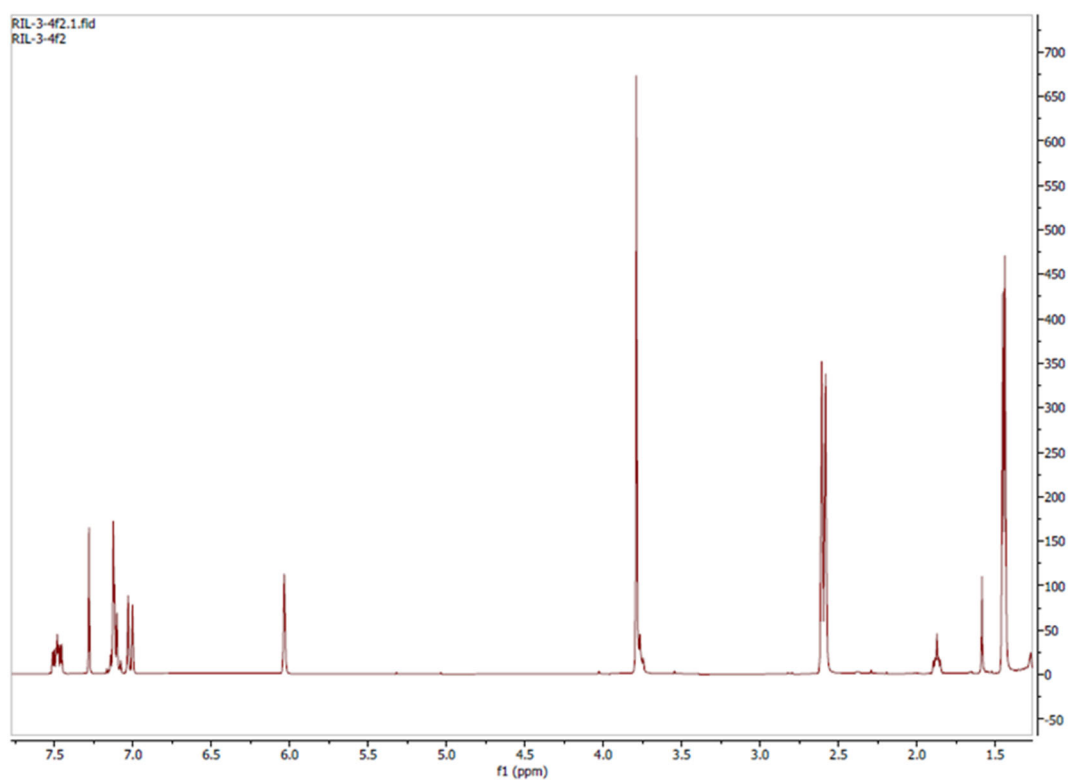
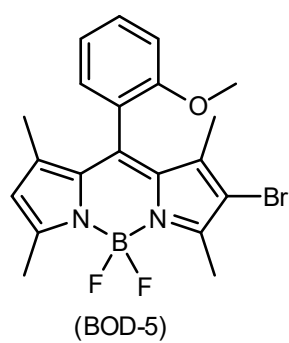
Supplementary Data

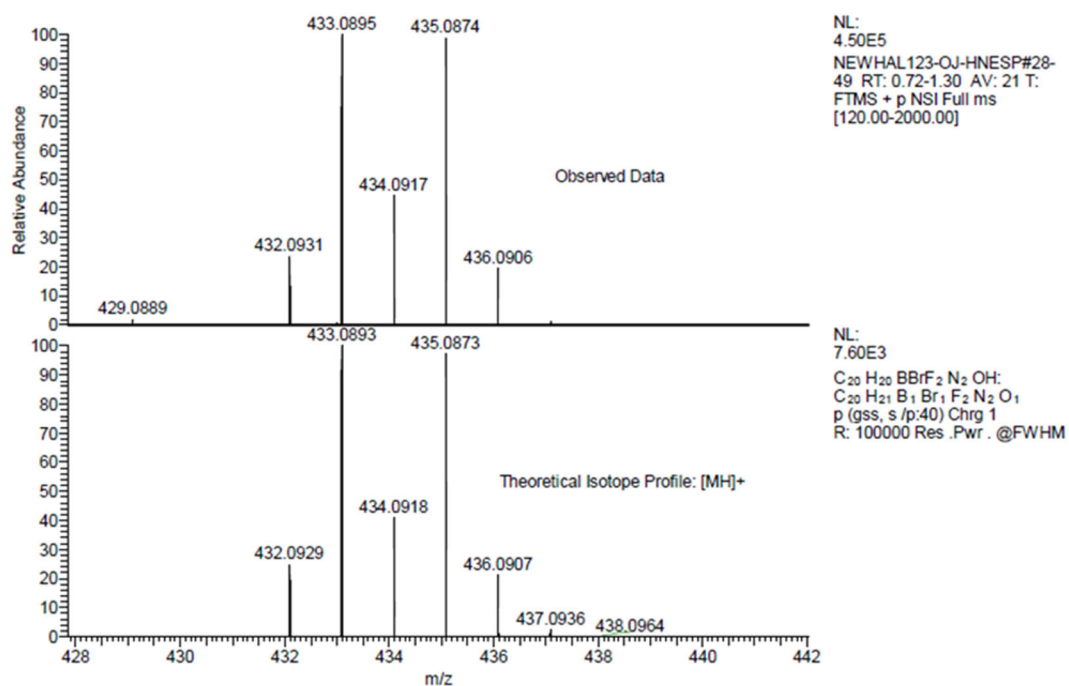
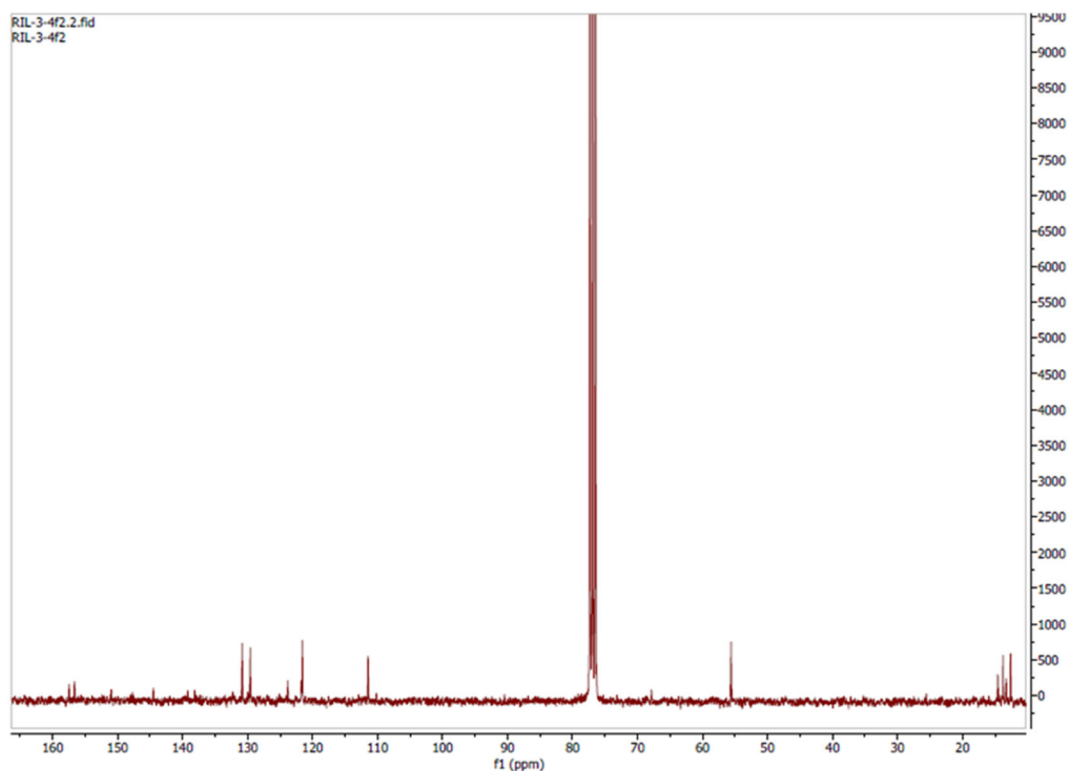
This supplementary data is a part of a paper entitled “T-grafting BODIPY-Based Photosensitizers: The Synthesis of 2,6-Diethylacrylic-8-(*o*-methoxyphenyl)BODIPY and Its DSSC Performance”.

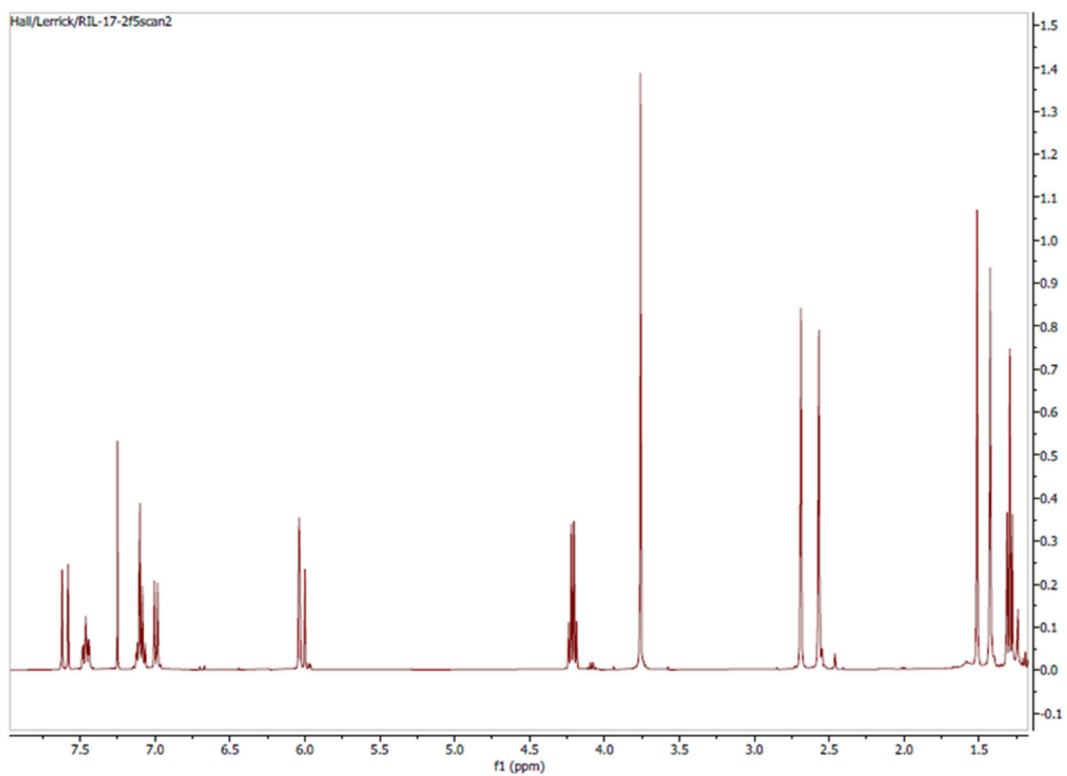
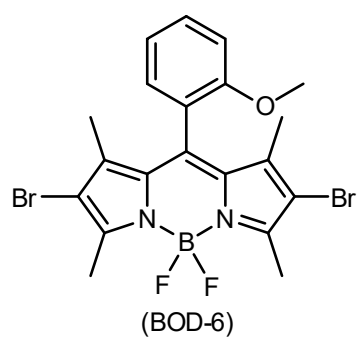


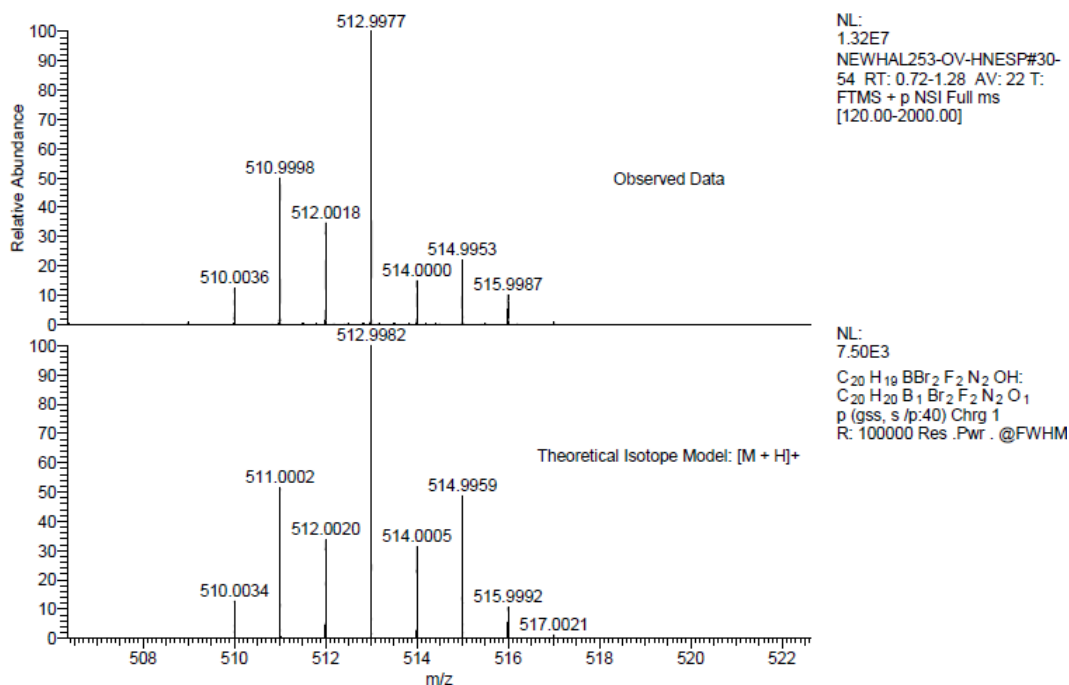
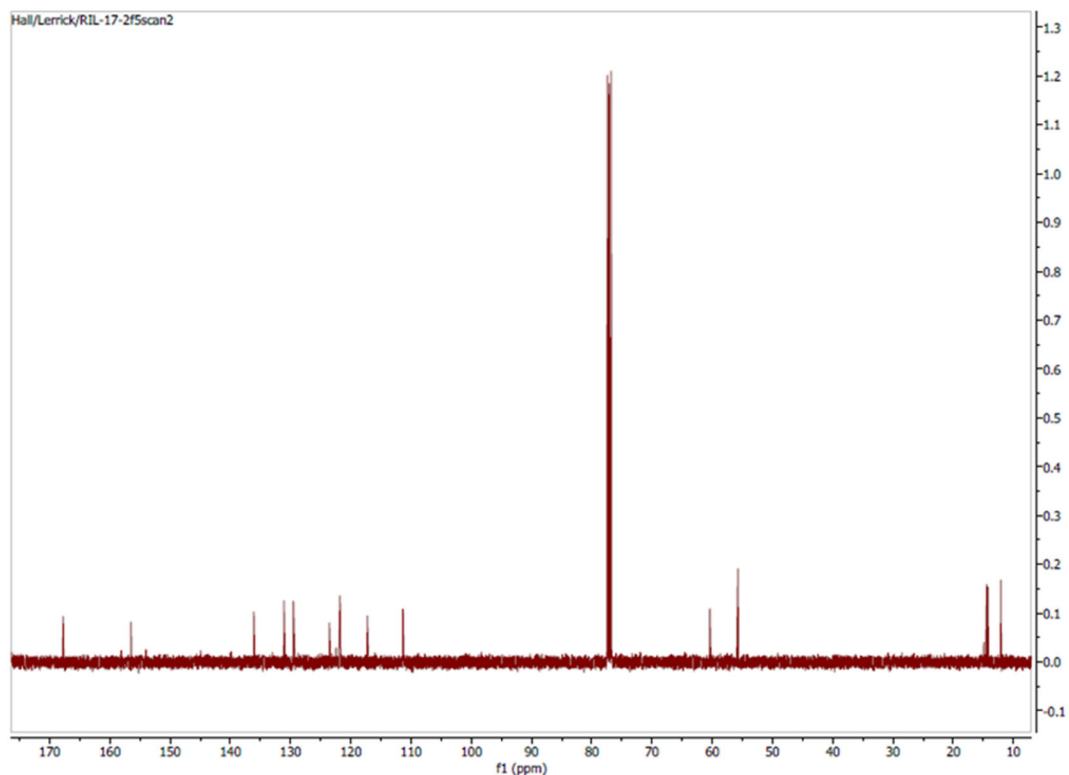


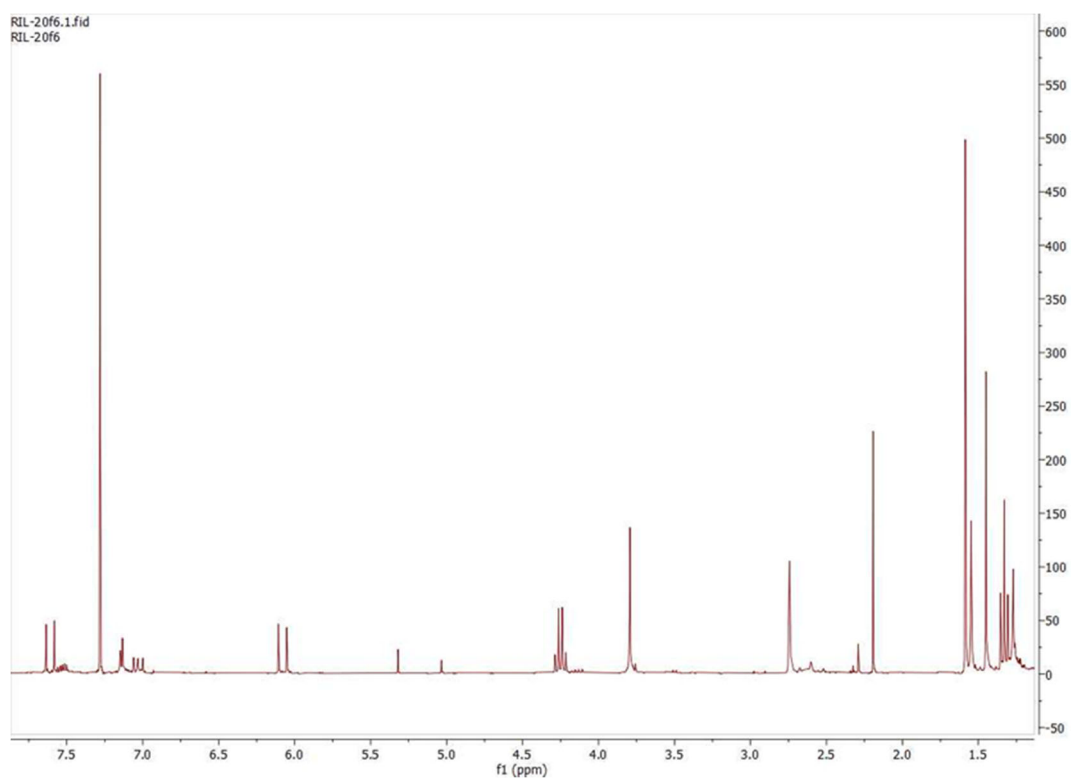
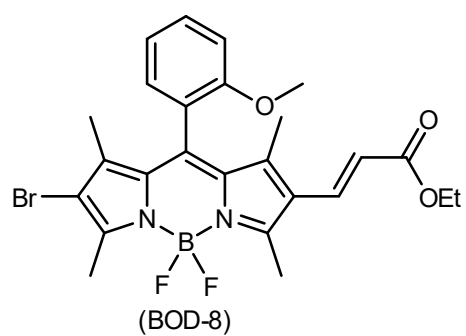


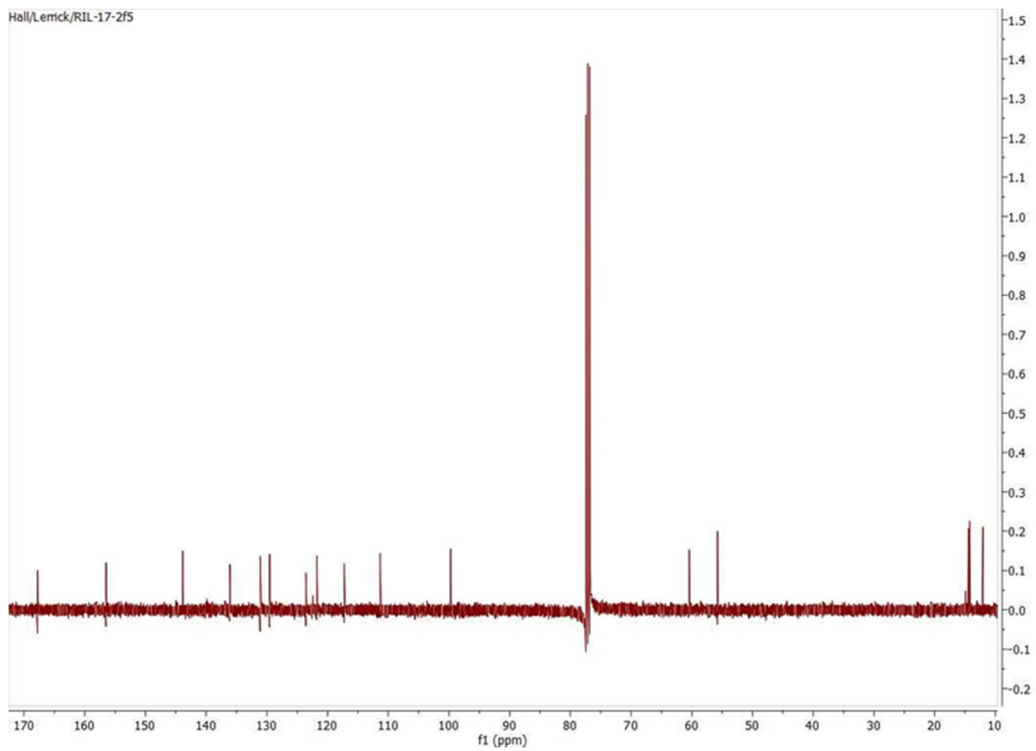


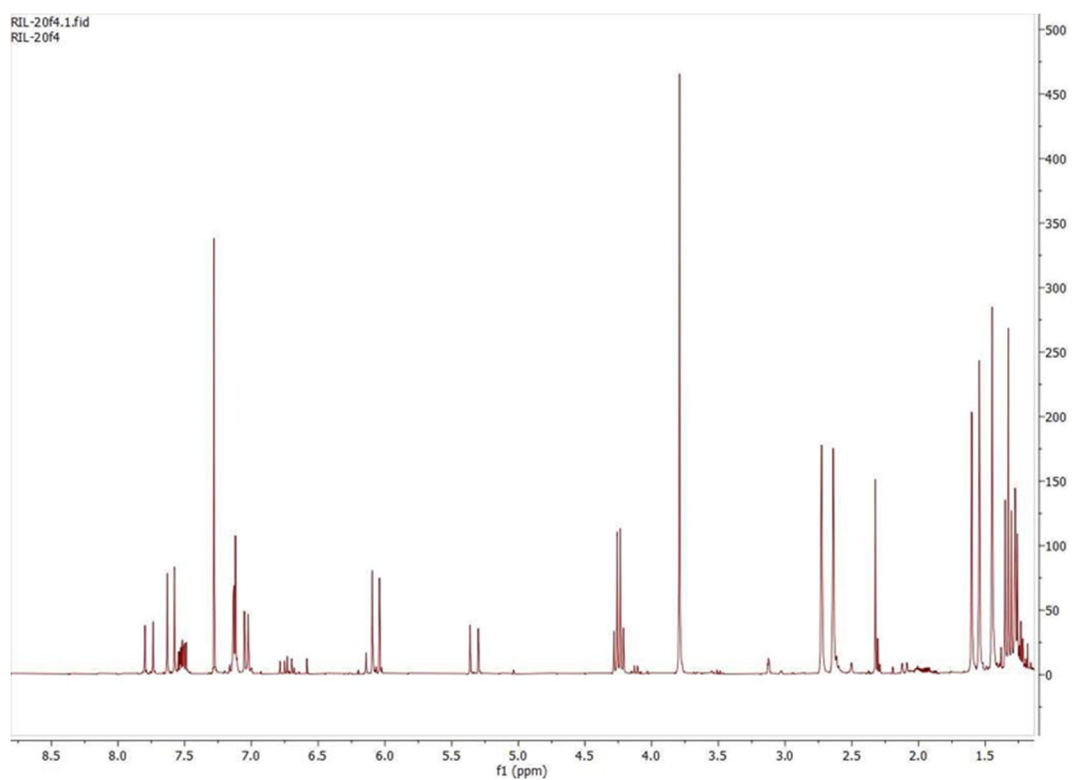
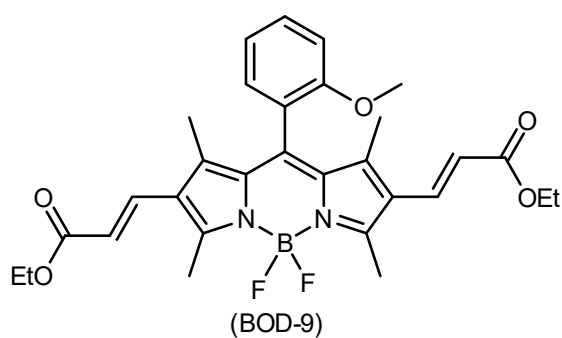


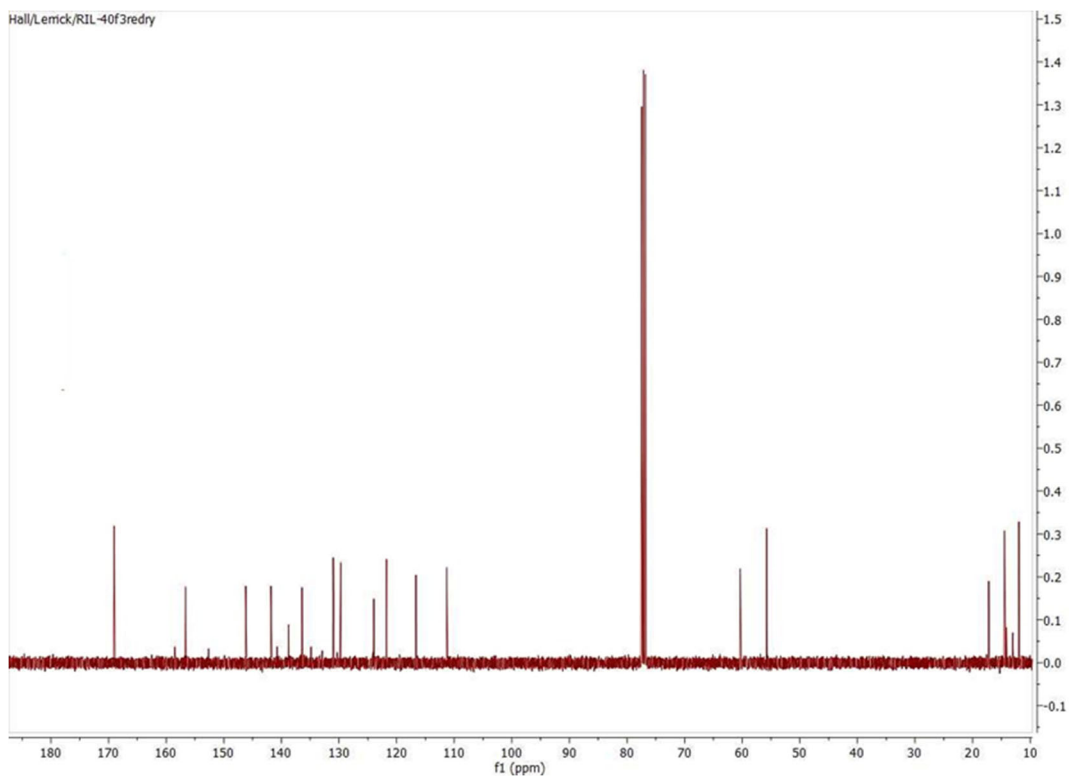




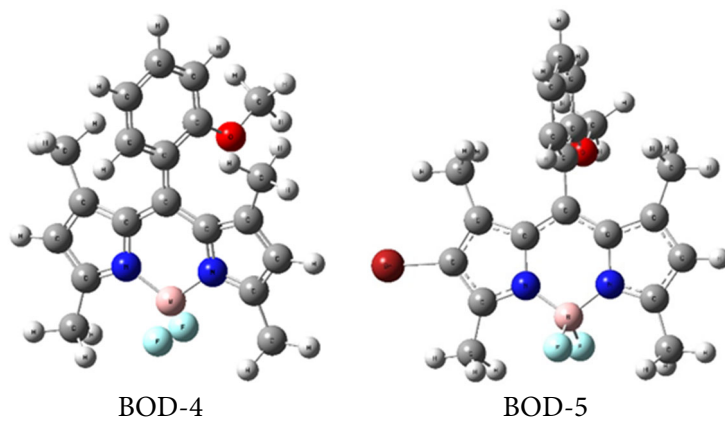








COMPUTATIONAL STUDY



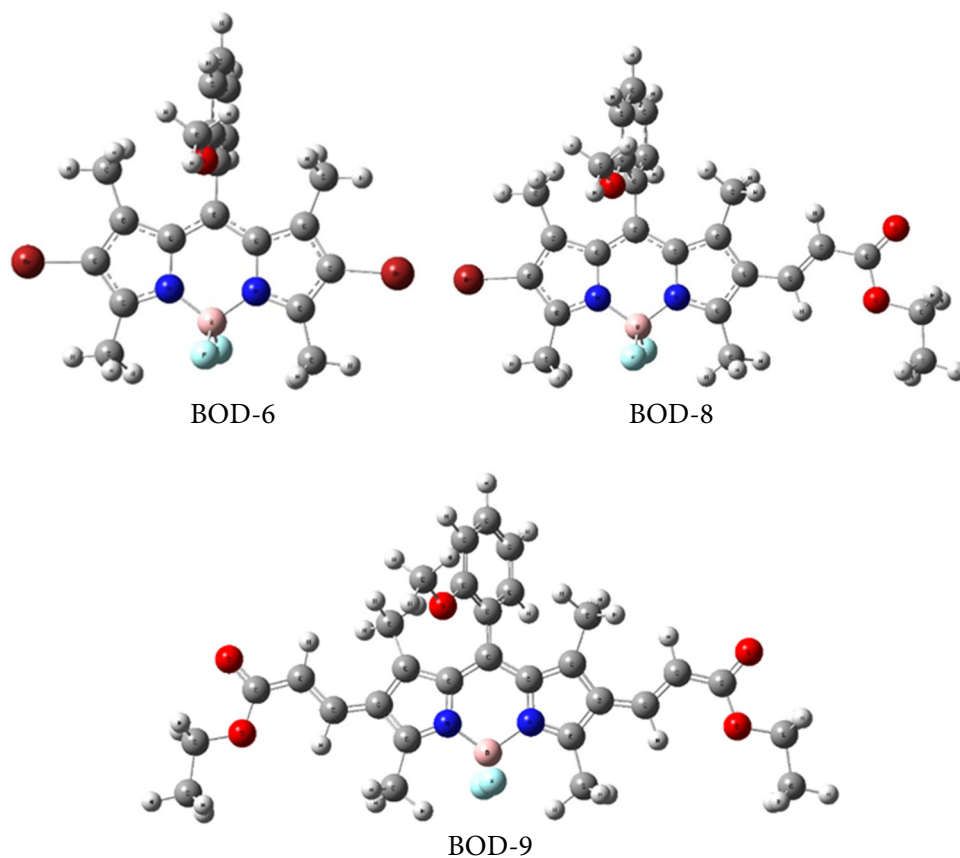
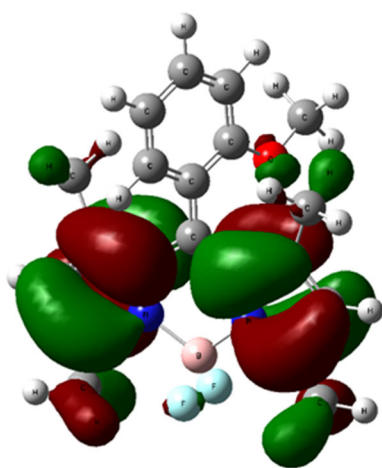
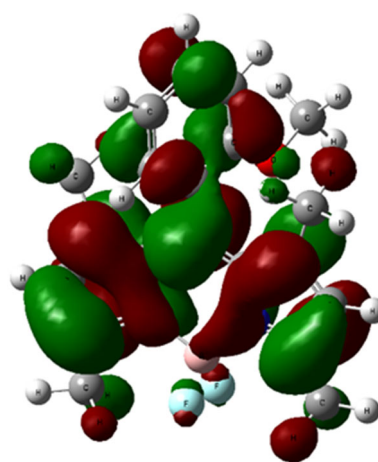


Table 1. The energy values, the MO energy of HOMO, LUMO levels, ΔE (in eV), and dipole moment μ (in Debye's) for BOD-4, 5, 6, 8, and 9

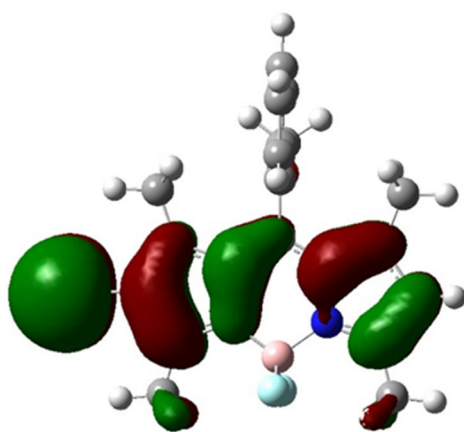
Quantity	BOD-4	BOD-5	BOD-6	BOD-8	BOD-9
Total energy (a.u.)	-1177.59	-1196.87	-1209.63	-1541.42	-1873.20
HOMO	-0.214 au (-5.82337 eV)	-0.210 au (-5.71431 eV)	-0.21696 au (-5.90370 eV)	-0.216 au (-5.877576 eV)	-0.21658 au (-5.893358 eV)
LUMO	-0.095 au (-2.58514 eV)	-0.102 au (-2.775522 eV)	-0.1103 au (-2.99321 eV)	-0.113 au (-3.074843 eV)	-0.11595 au (-3.155115 eV)
ΔE	3.23823 eV	2.938788 eV	2.91049 eV	2.802733 eV	2.738243 eV
M (Debye)	7.3033	8.0650	7.8595	5.7075	3.0751



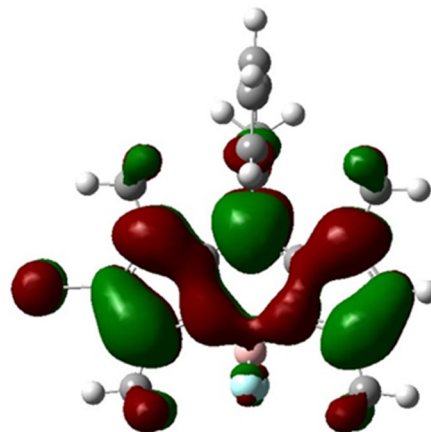
HOMO (BOD-4)



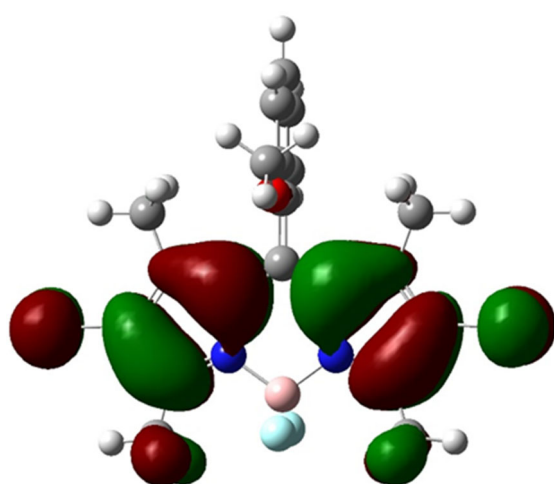
LUMO (BOD-4)



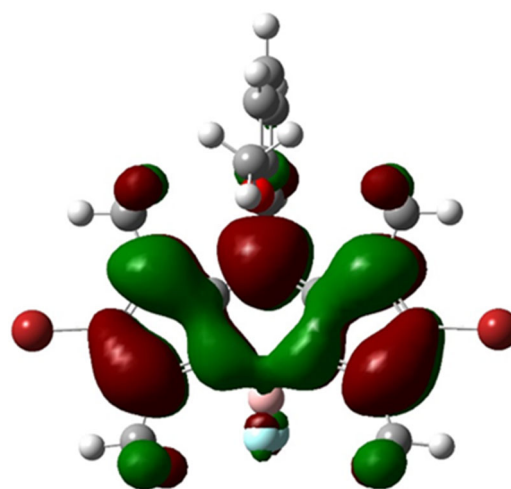
HOMO (BOD-5)



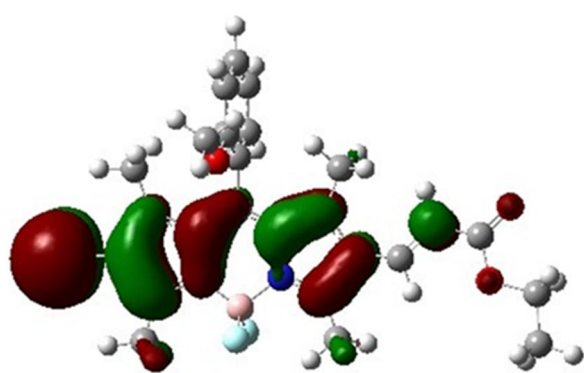
LUMO (BOD-5)



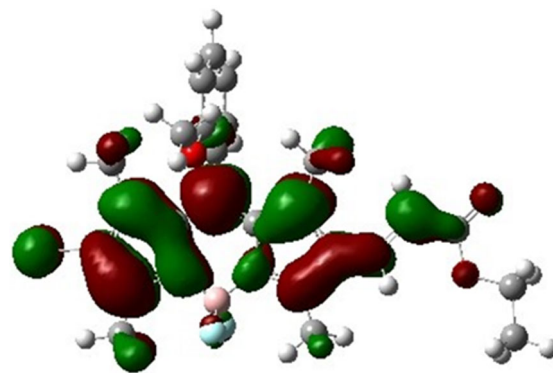
HOMO (BOD-6)



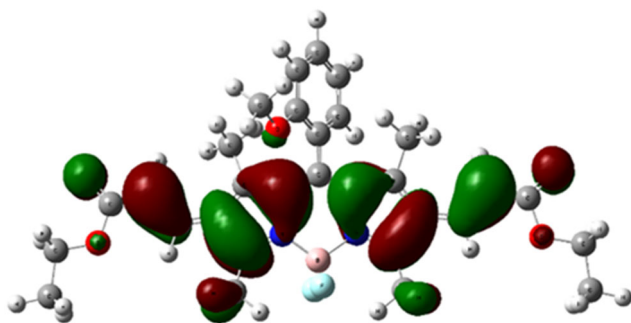
LUMO (BOD-6)



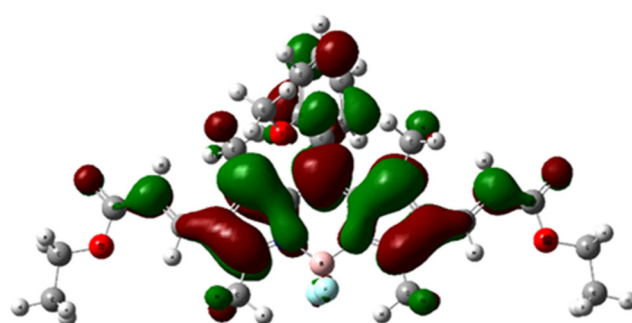
HOMO (BOD-8)



LUMO (BOD-8)



HOMO (BOD-9)



LUMO (BOD-9)