

Supplementary Information

Thiophene-benzothiadiazole-thiophene (D-A-D) Based Polymers: Effect of Donor/Acceptor Moieties Adjacent to D-A-D Segment on Photophysical and Photovoltaic Properties

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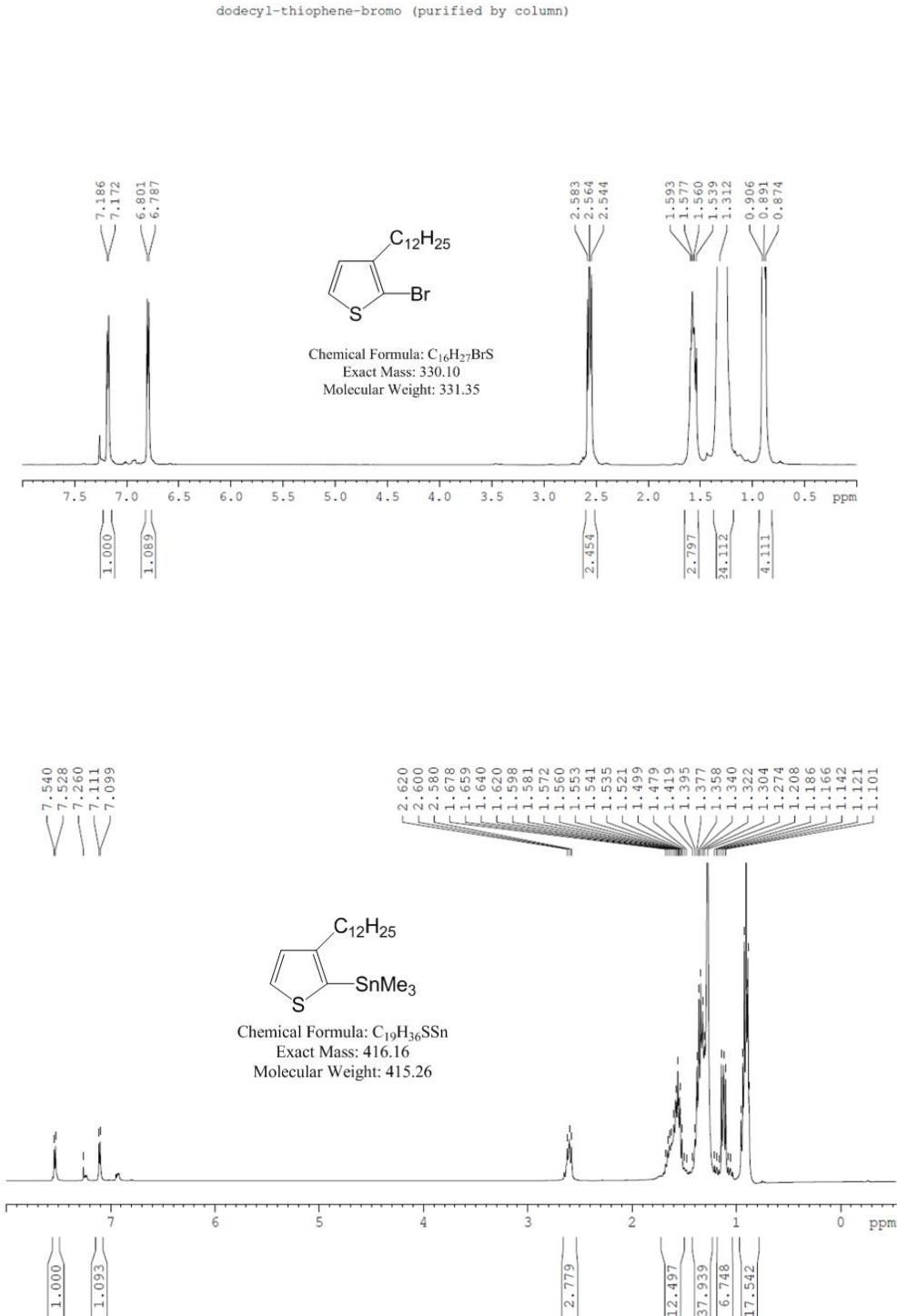


Fig.S1 ^1H NMR spectra of compounds **2** and **3**.

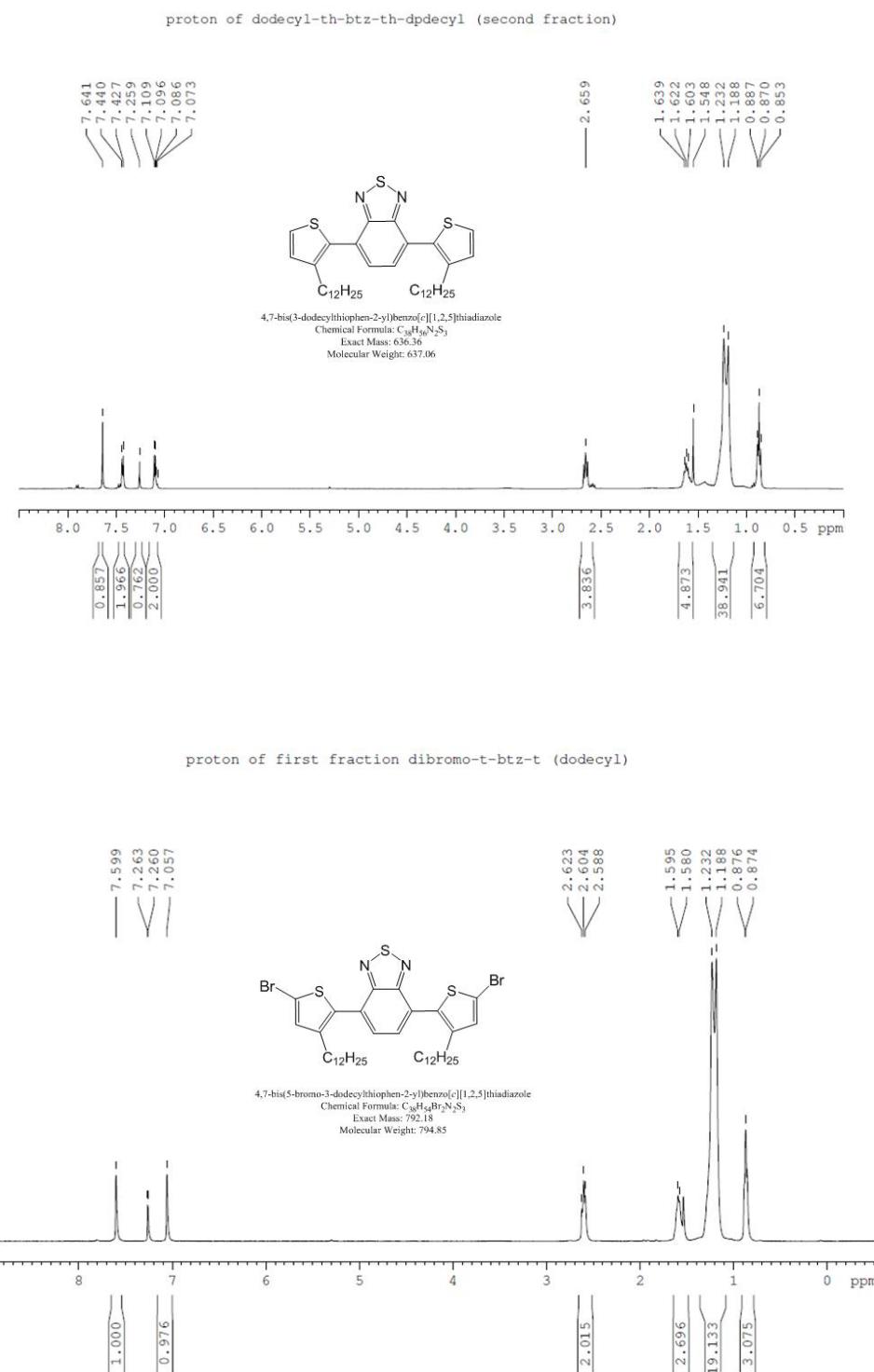


Fig.S2 ¹H NMR spectra of compounds **5** and **6**.

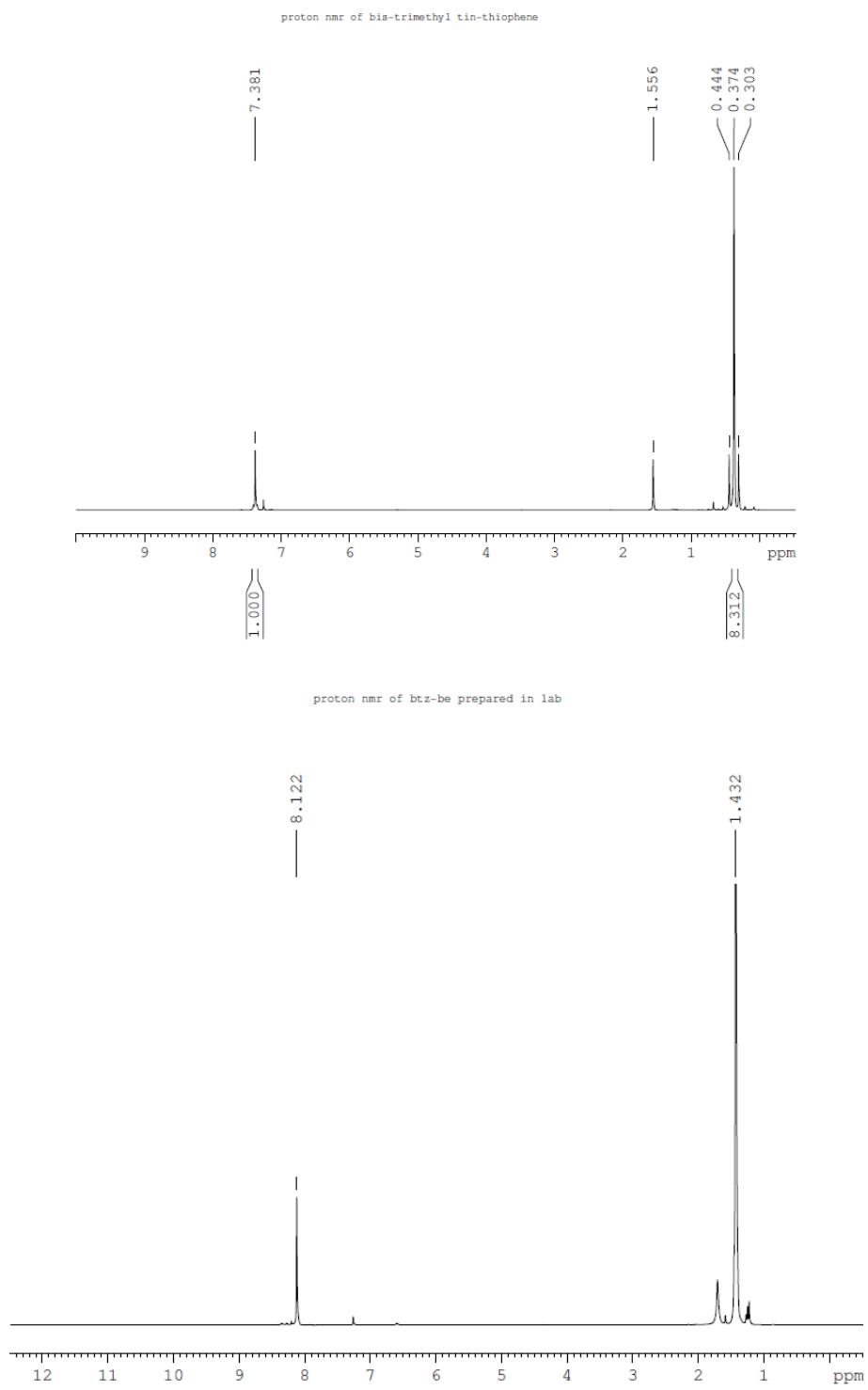


Fig.S3 ^1H NMR spectra of compounds 7 and 8.

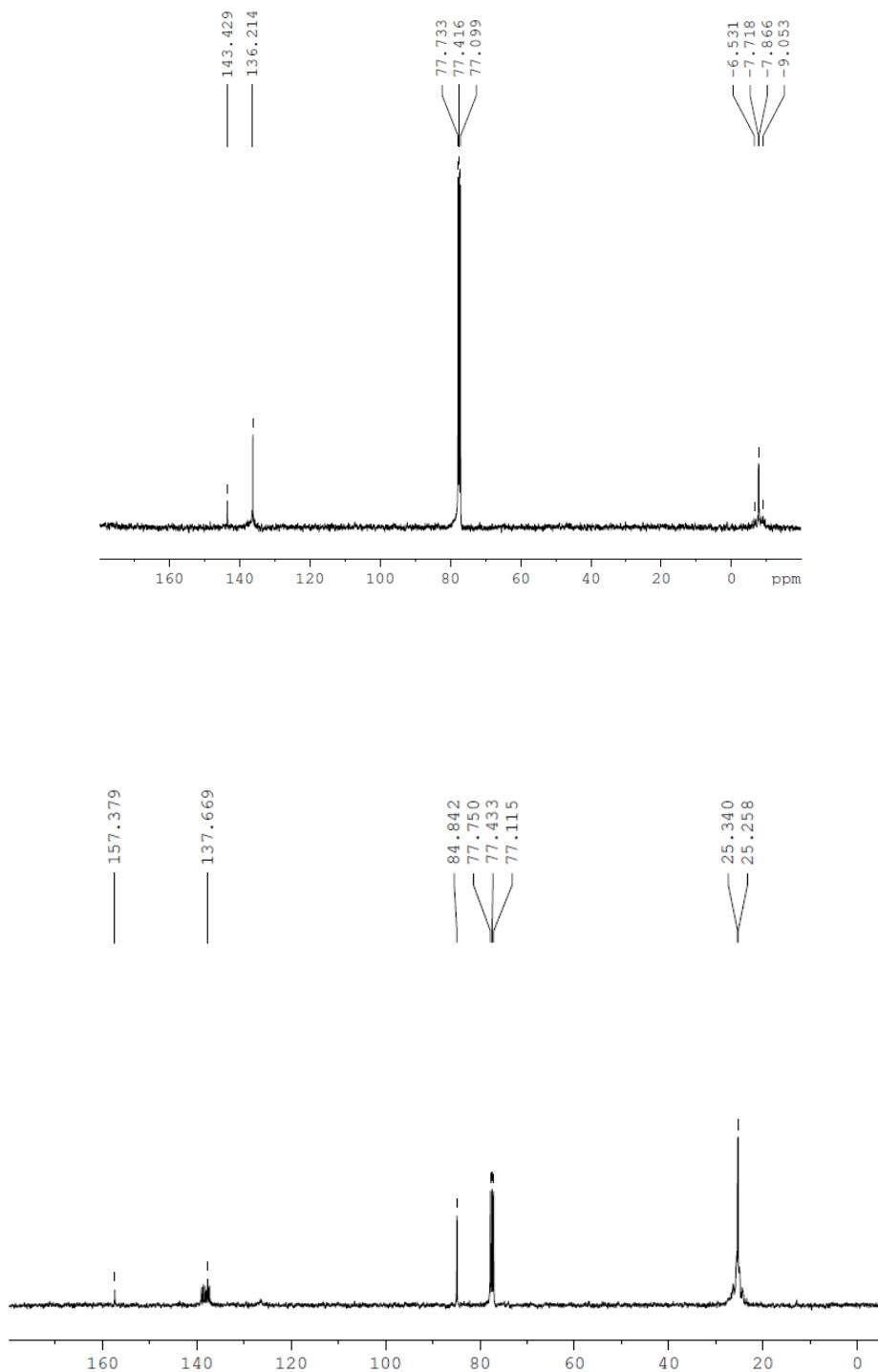


Fig.S4 ^{13}C NMR spectra of compounds **7** and **8**.

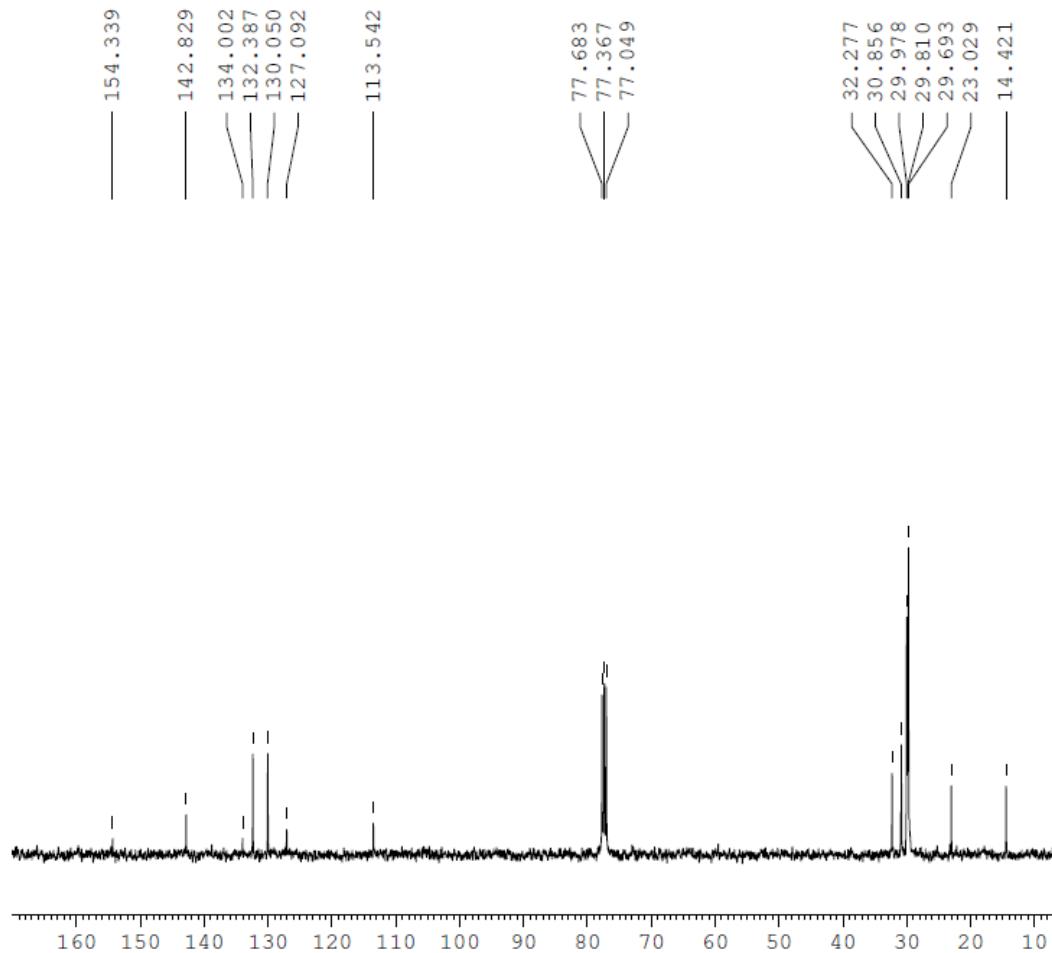


Fig.S5 ^{13}C NMR spectra of compounds **6**.

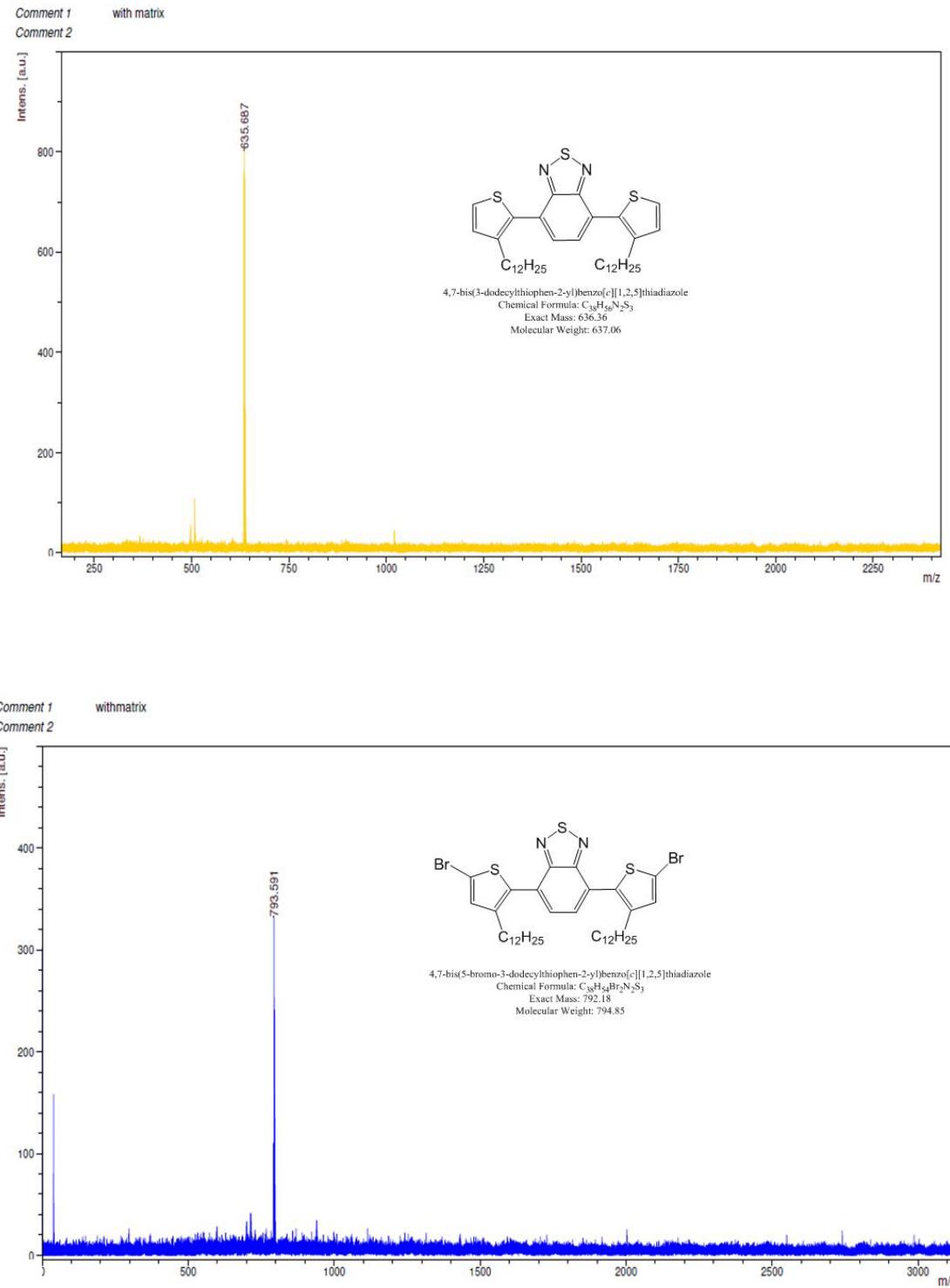


Fig.S6 MALDI-TOF Spectrum of compounds **5** and **6**.

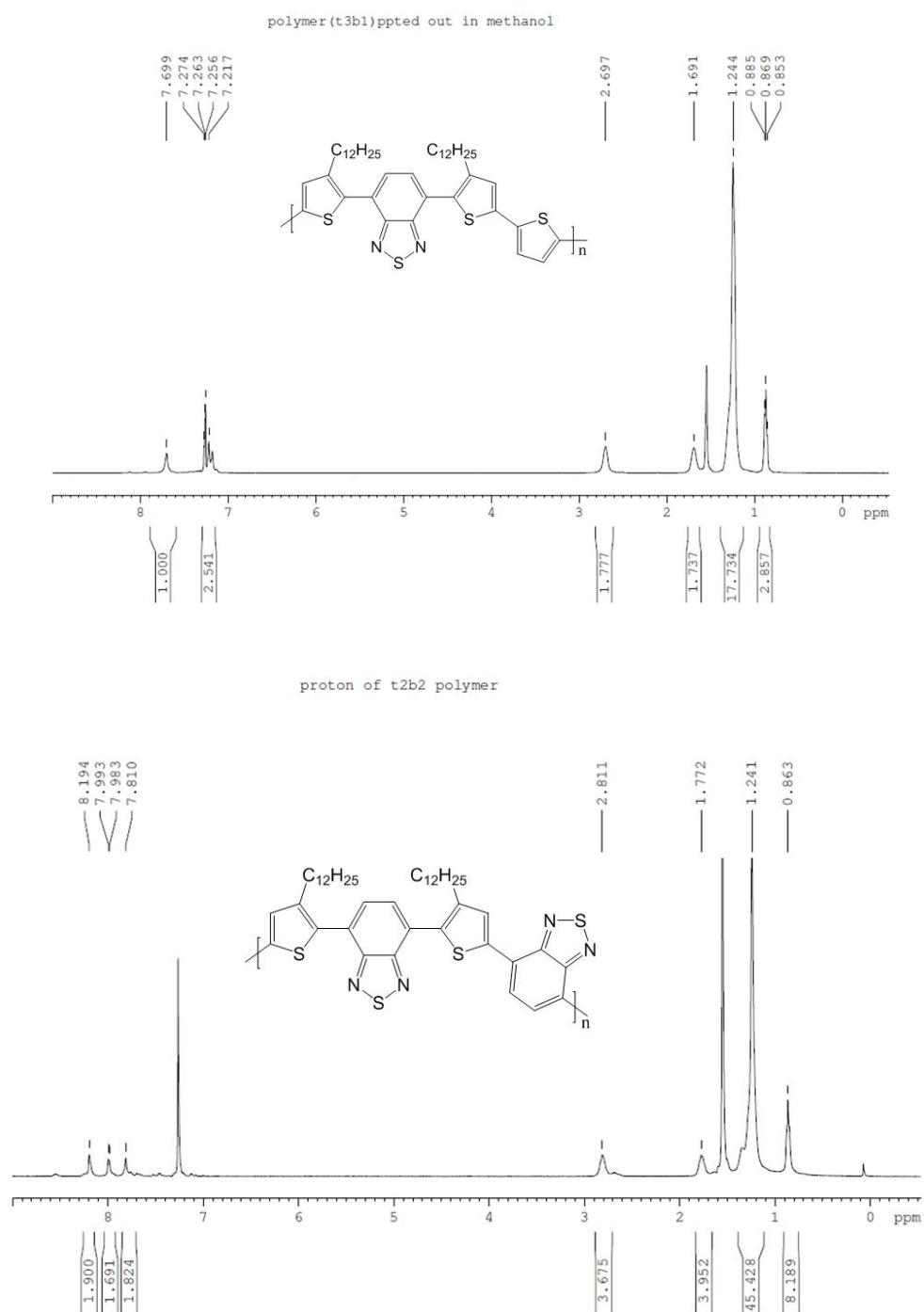


Fig.S7 ¹H NMR spectra of **T3B1** and **T2B2** polymers.

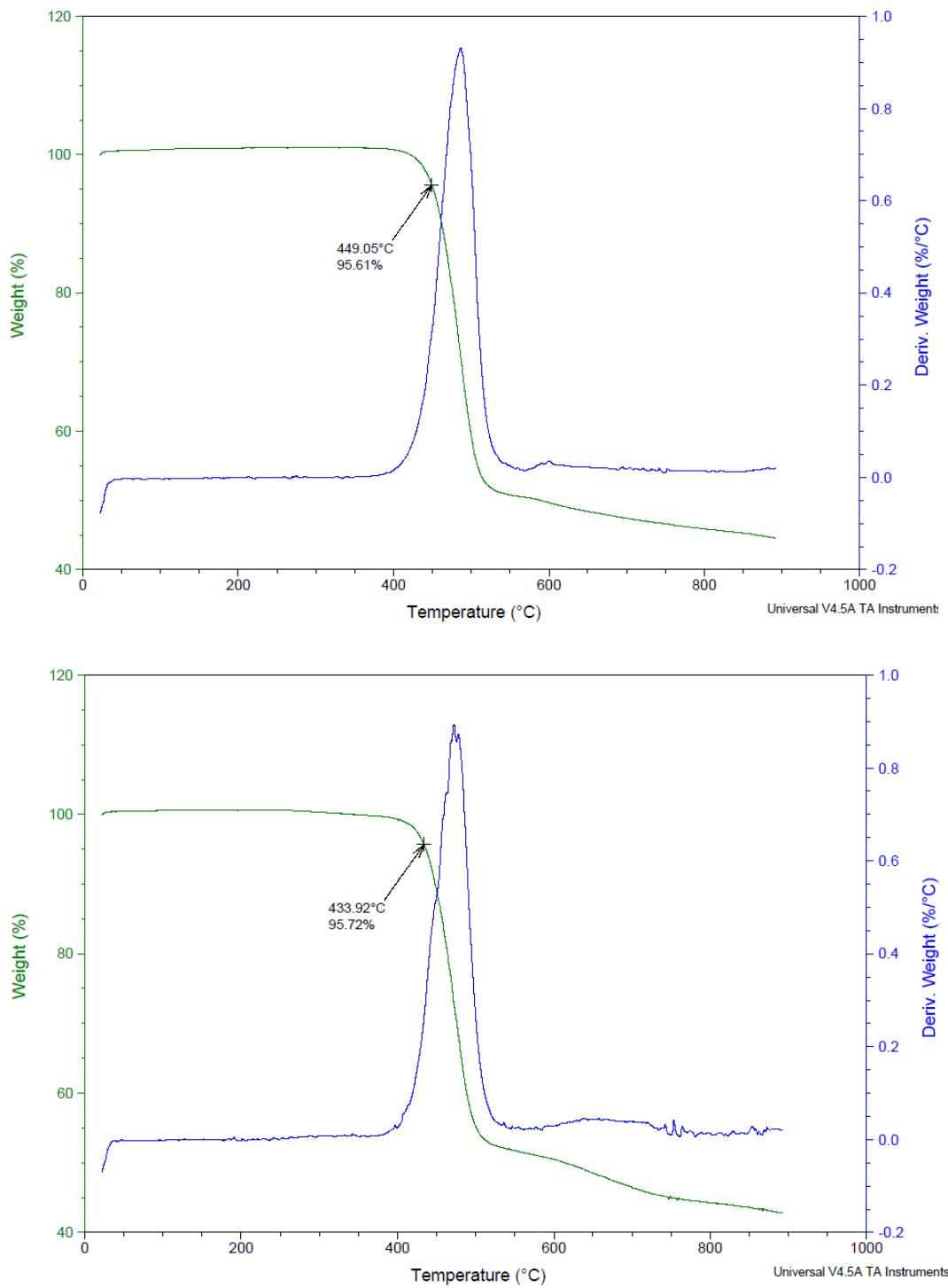


Fig.S8 Thermo gravimetric analysis (TGA) of **T3B1** and **T2B2** polymers.

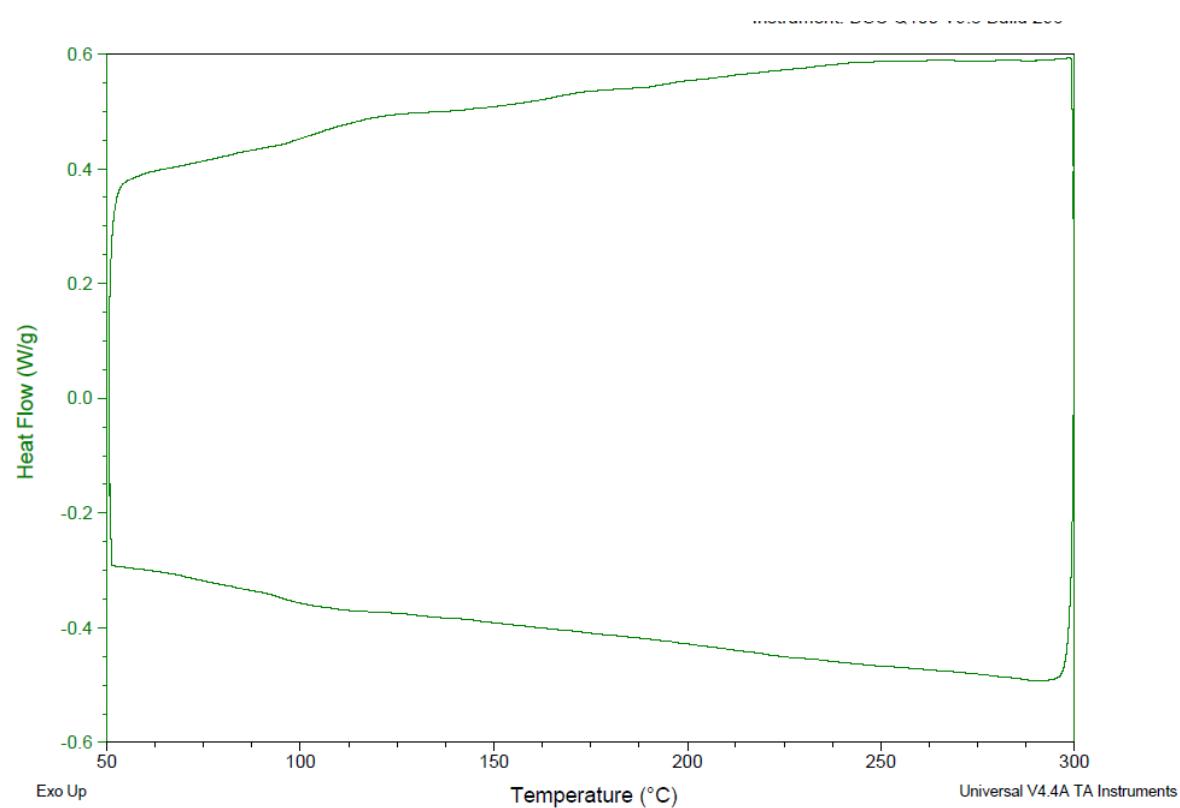
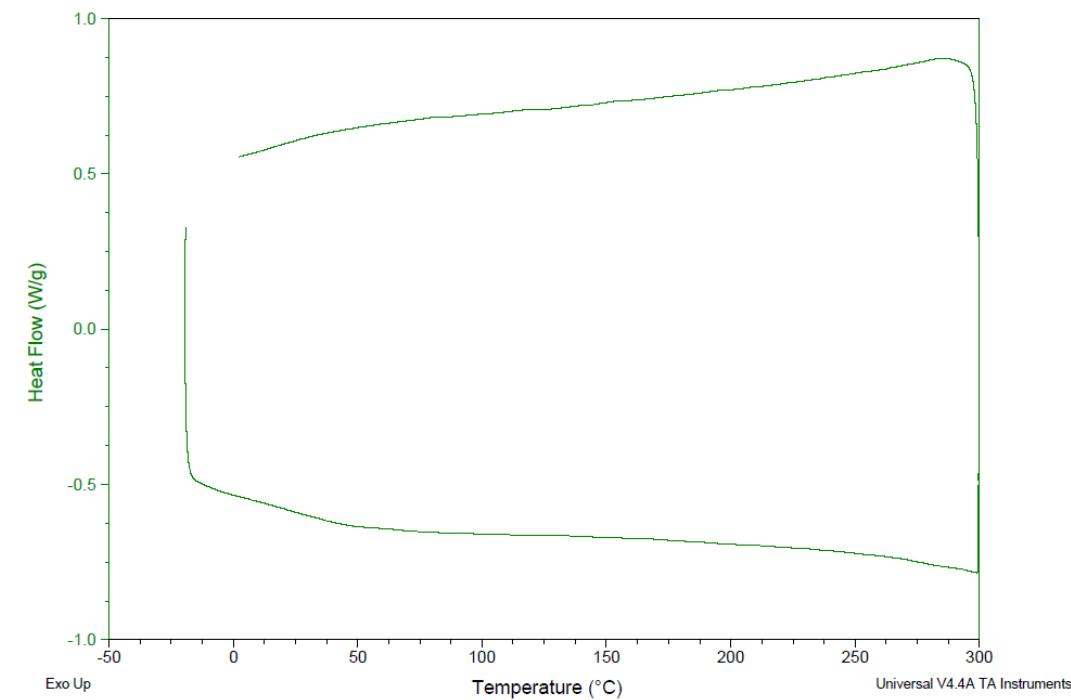


Fig.S9 Differential Scanning Calorimetry (DSC) of **T3B1** and **T2B2** polymers.