Journal Name

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Electronic Supplementary Information

Solution processable low bandgap thienoisoindigo-based small molecules for organic electronic devices

Pei Han[a], Xiaohui Gong[a], Baoping Lin*[a], Zhenhong Jia[b], Shanghui Ye*[b], Ying Sun[a], Hong Yang[a]

[a] School of Chemistry and Chemical Engineering, Southeast University, Nanjing 211189, PR China.
E-mail: lbp@seu.edu.cn
[b] Key Laboratory for Organic Electronics & Information Displays (KLOEID) and Institute of Advanced Materials (IAM), Nanjing University of Posts & Telecommunications, Nanjing 210046, PR China.
E-mail: yeshh@iccas.ac.cn

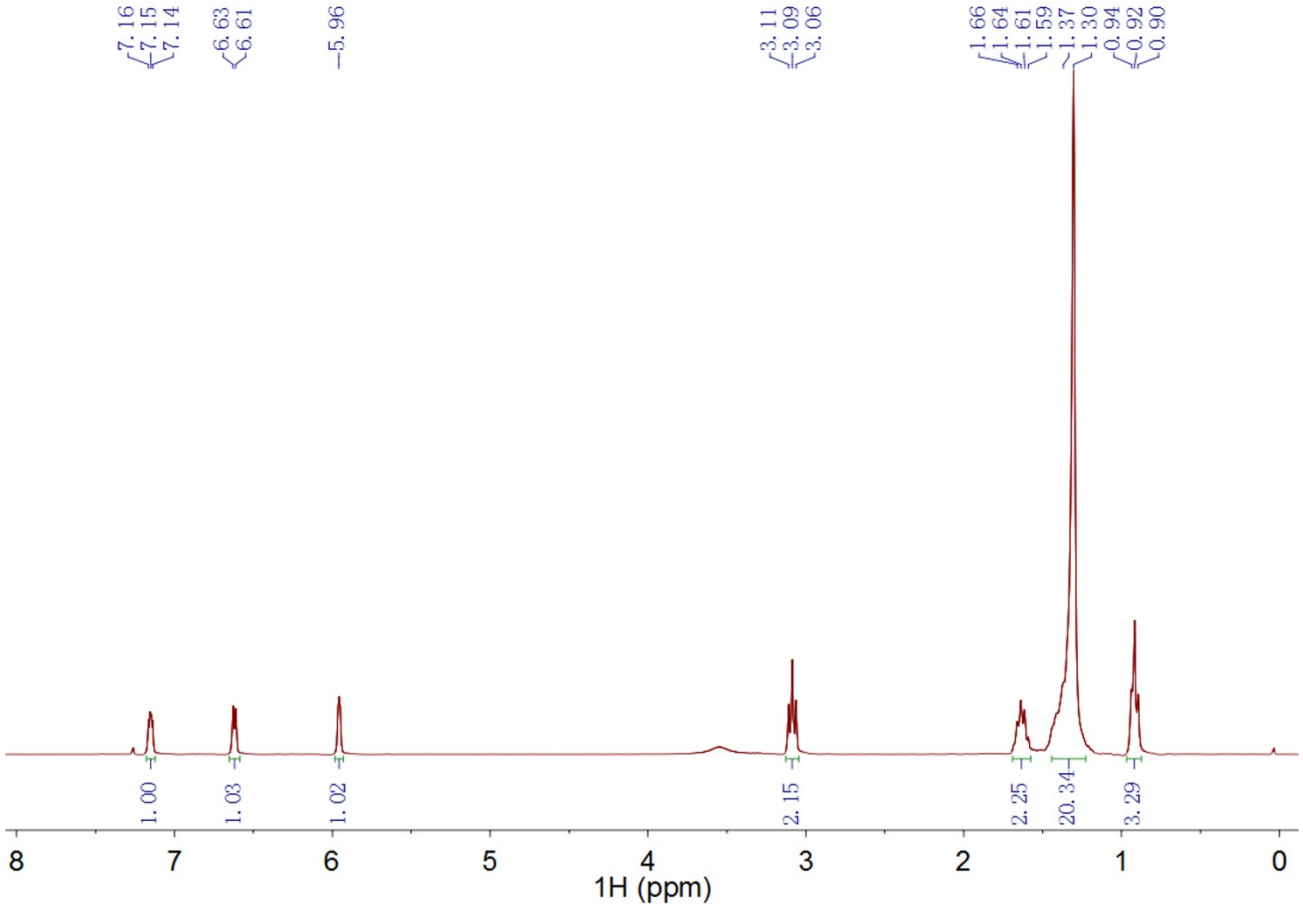

Fig. S1. [1]H NMR spectra of compound 2.

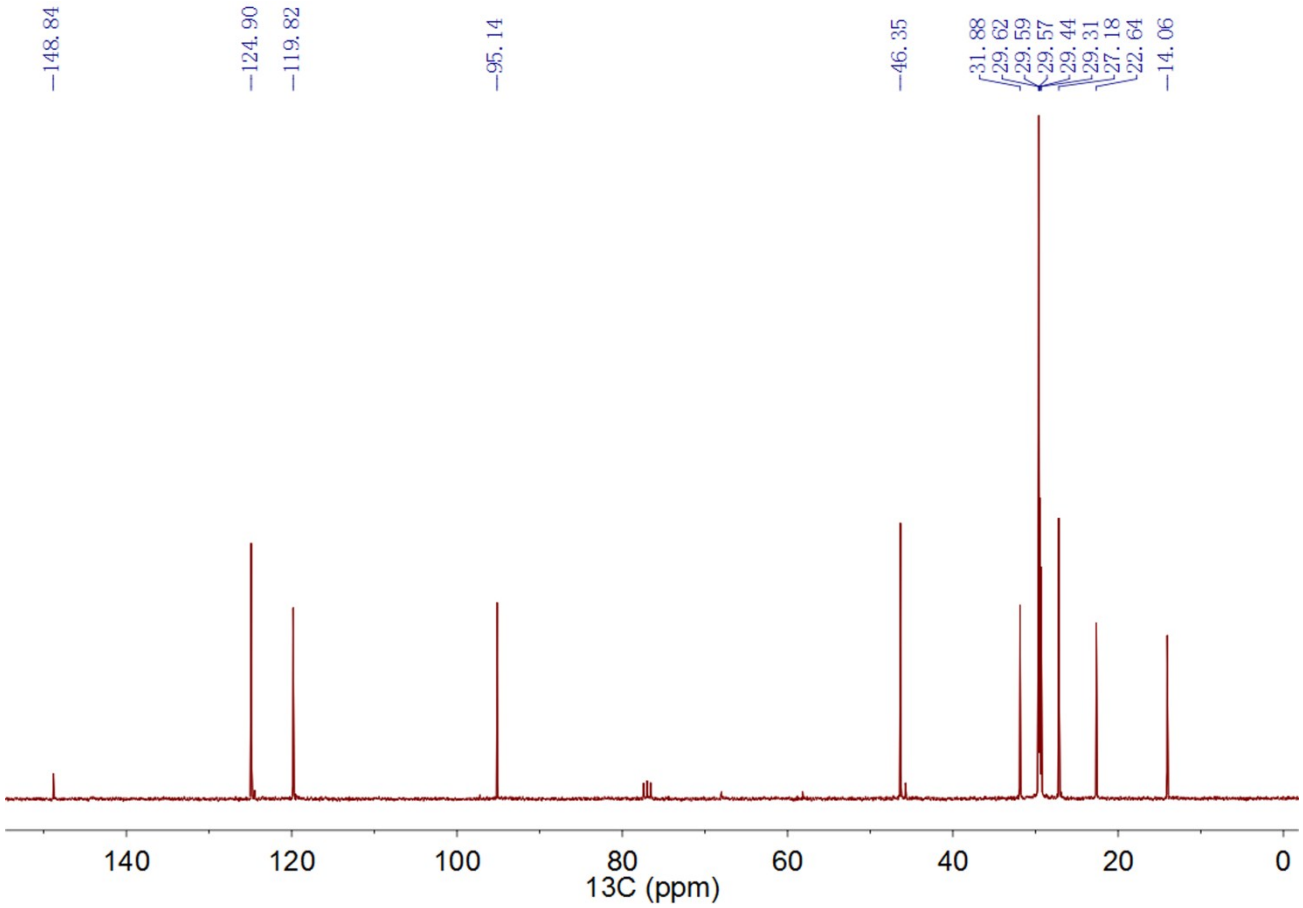

Fig. S2. ^{13}C NMR spectra of compound 2.

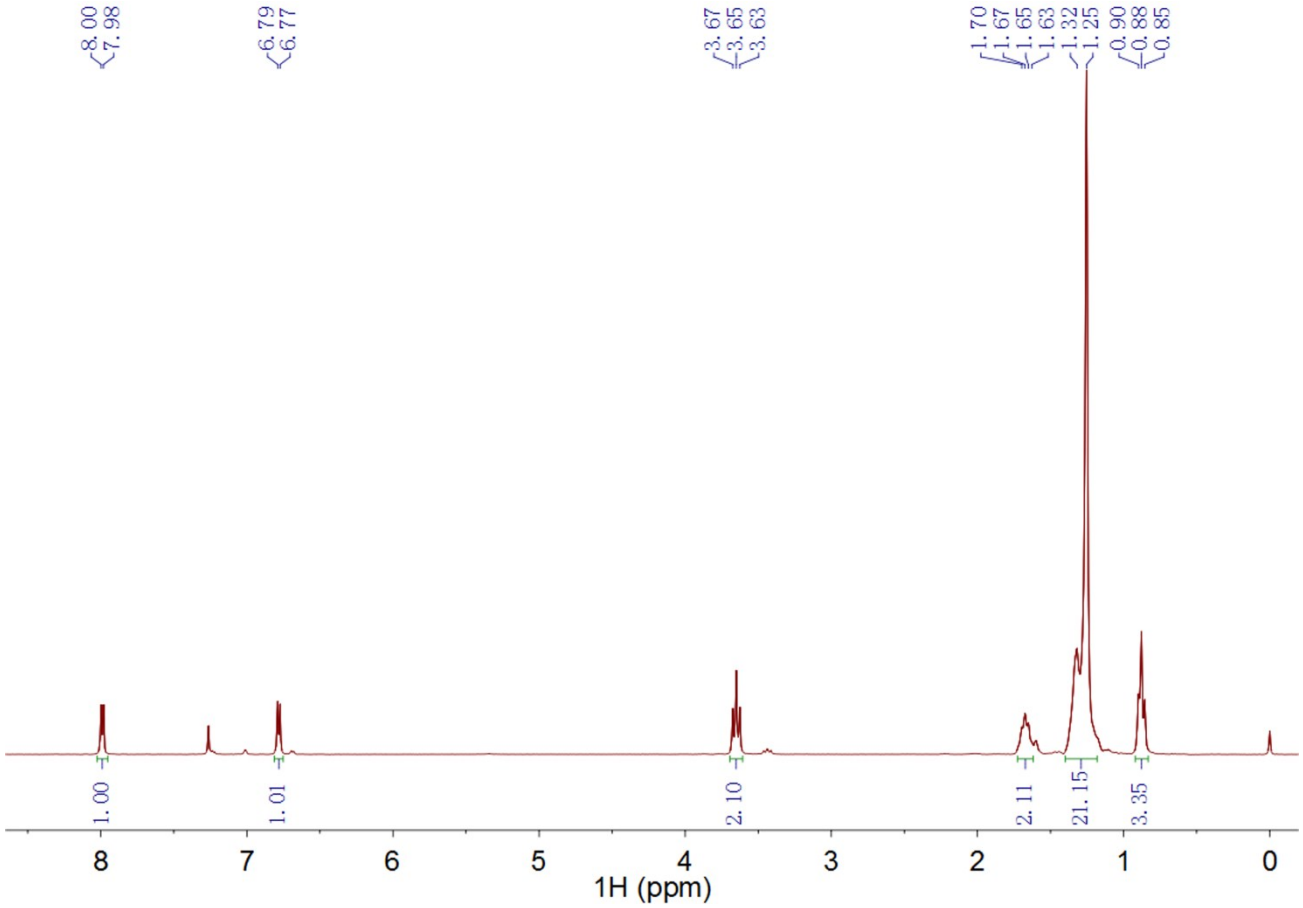

Fig. S3. ^{1}H NMR spectra of compound 3.

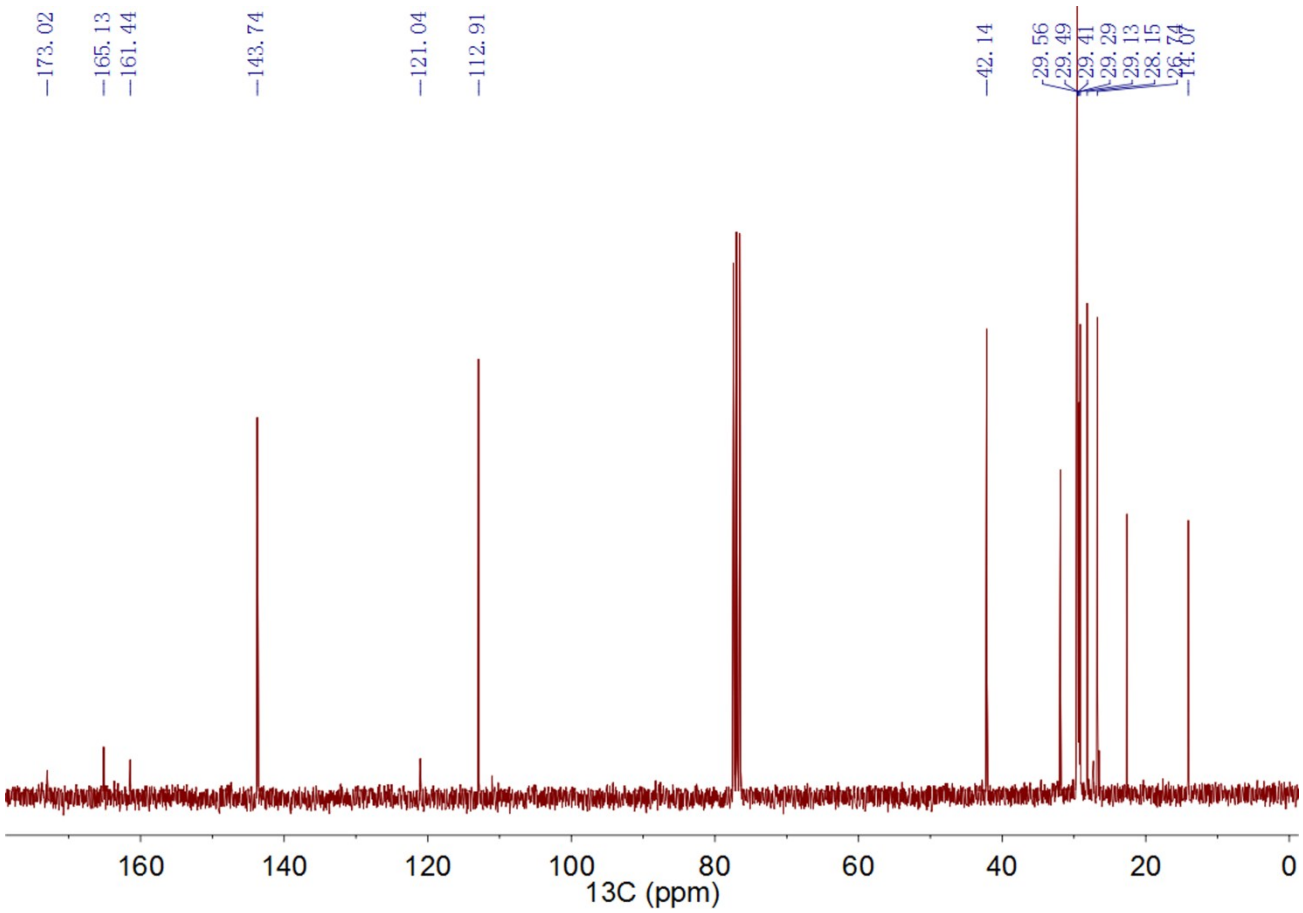

Fig. S4. ^{13}C NMR spectra of compound 3.

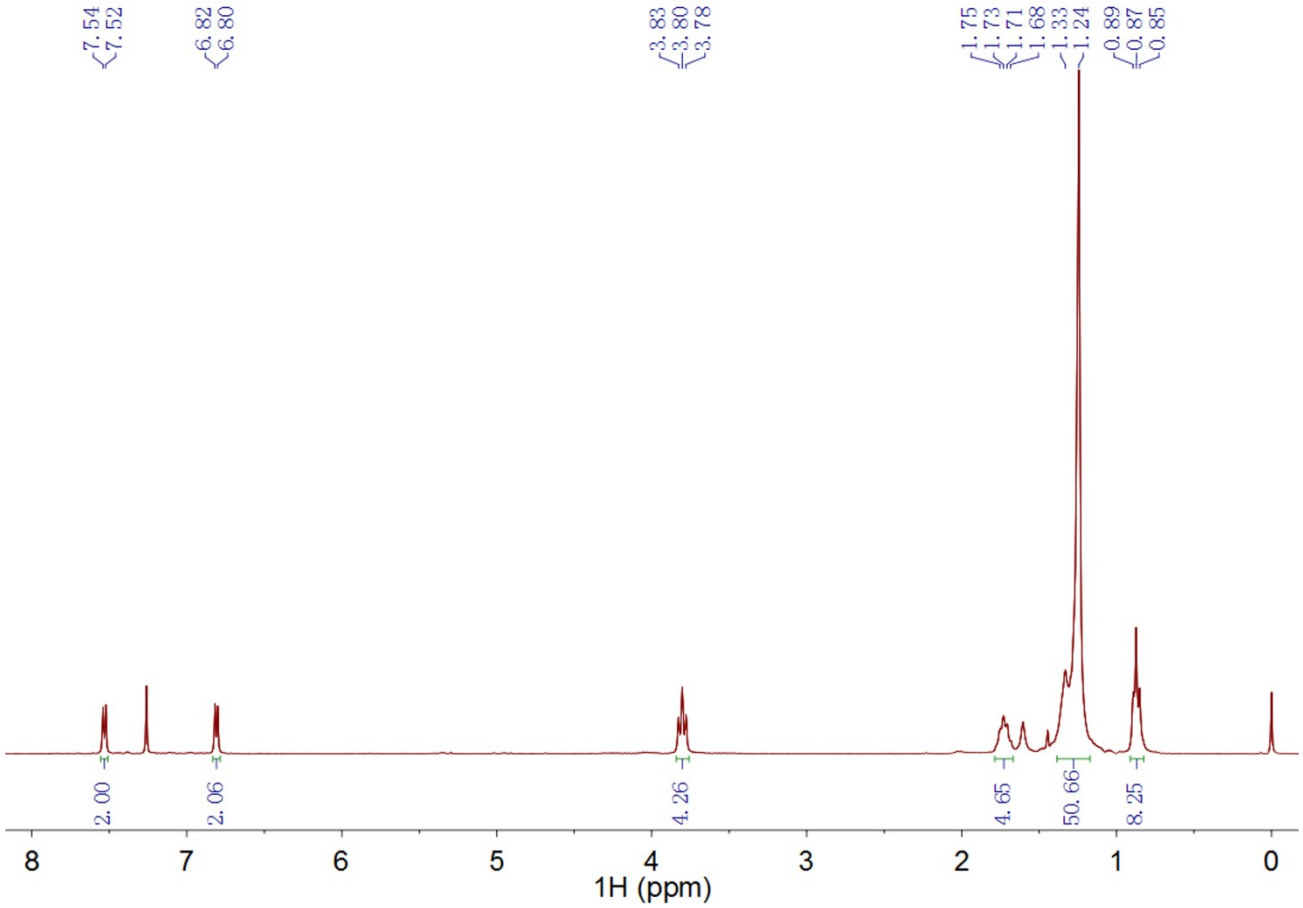

Fig. S5. ^{1}H NMR spectra of compound 4.

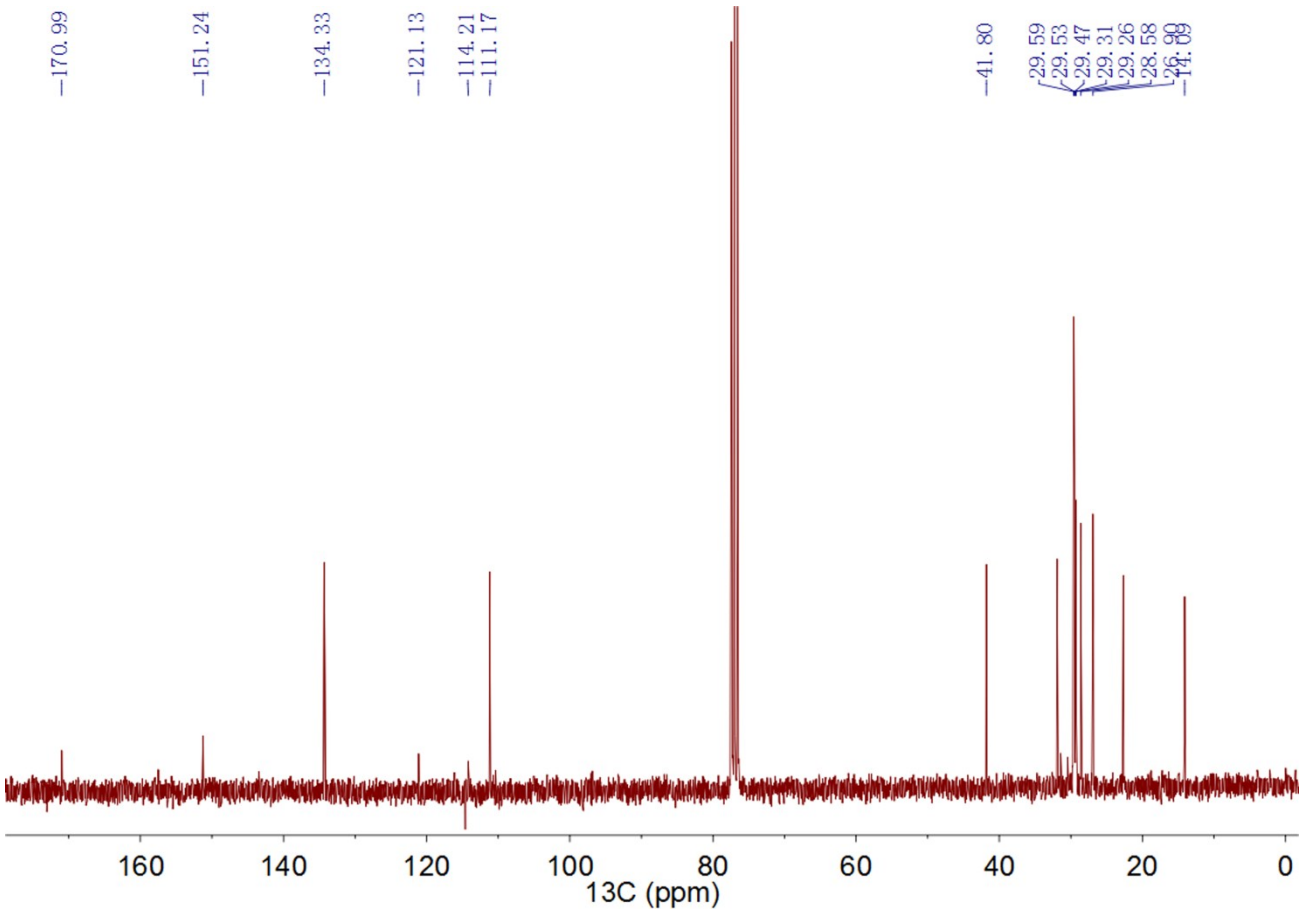

Fig. S6. ^{13}C NMR spectra of compound 4.

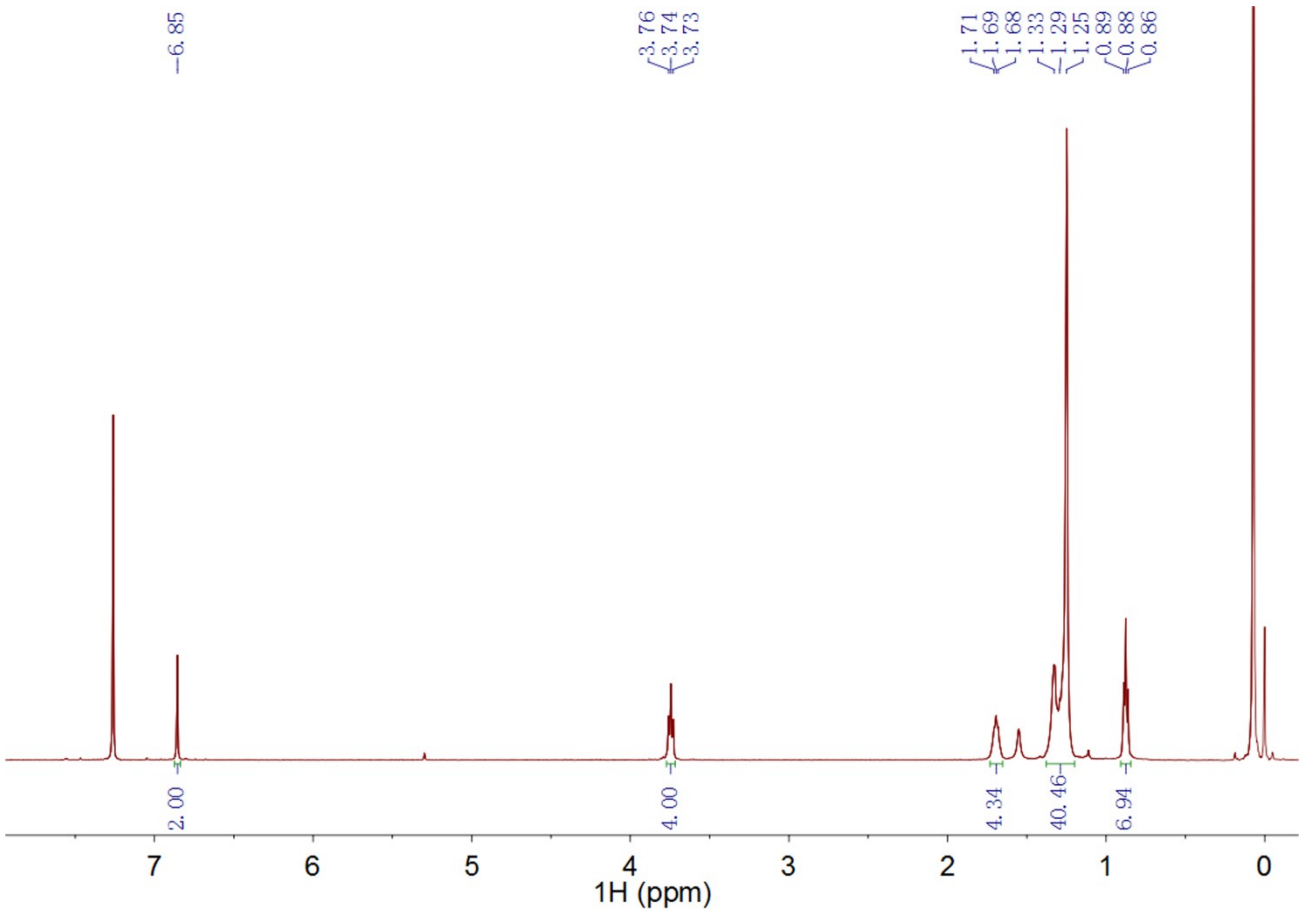

Fig. S7. ^{1}H NMR spectra of compound 5.

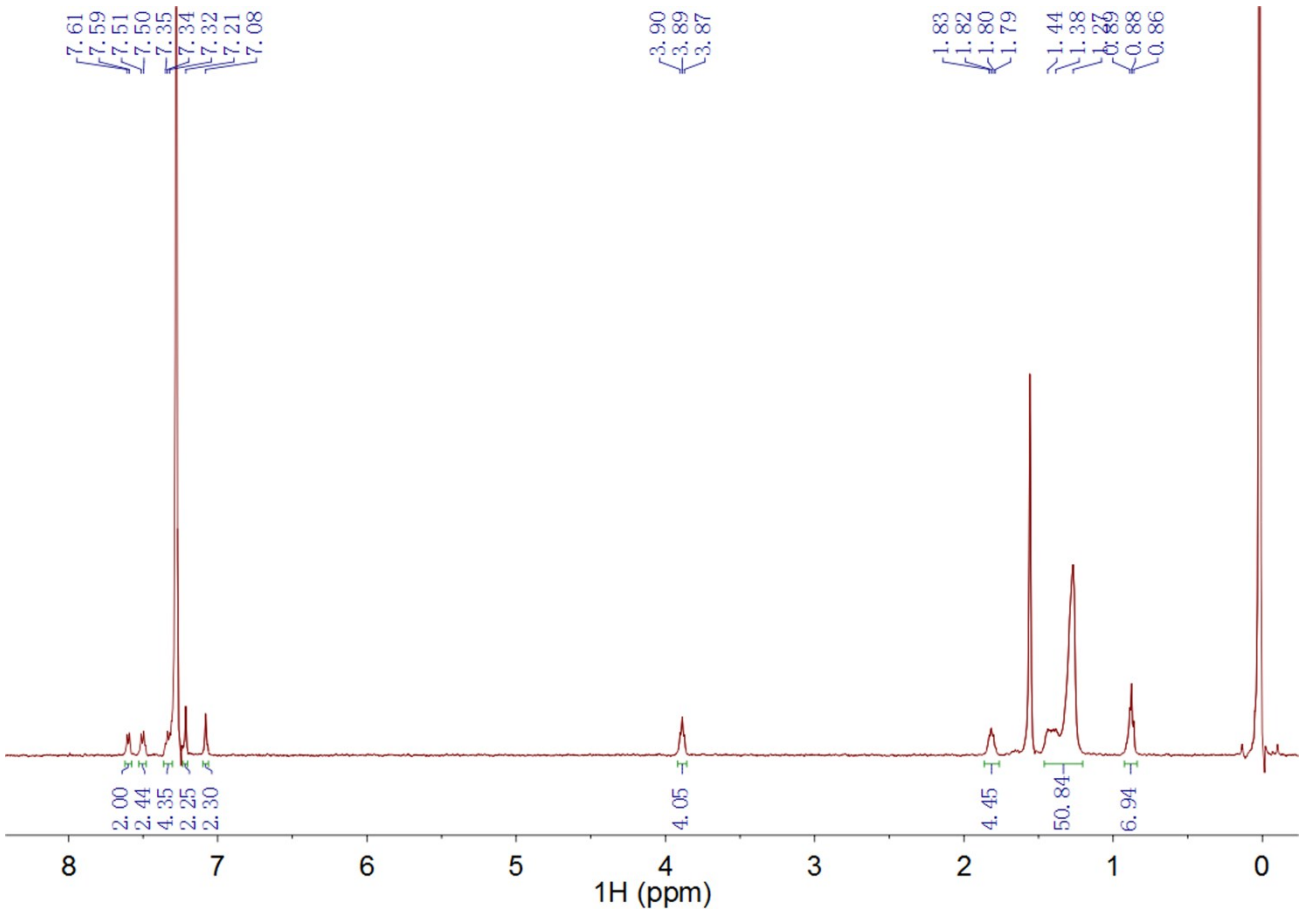

Fig. S8. ^{1}H NMR spectra of TII(BFu)$_2$.

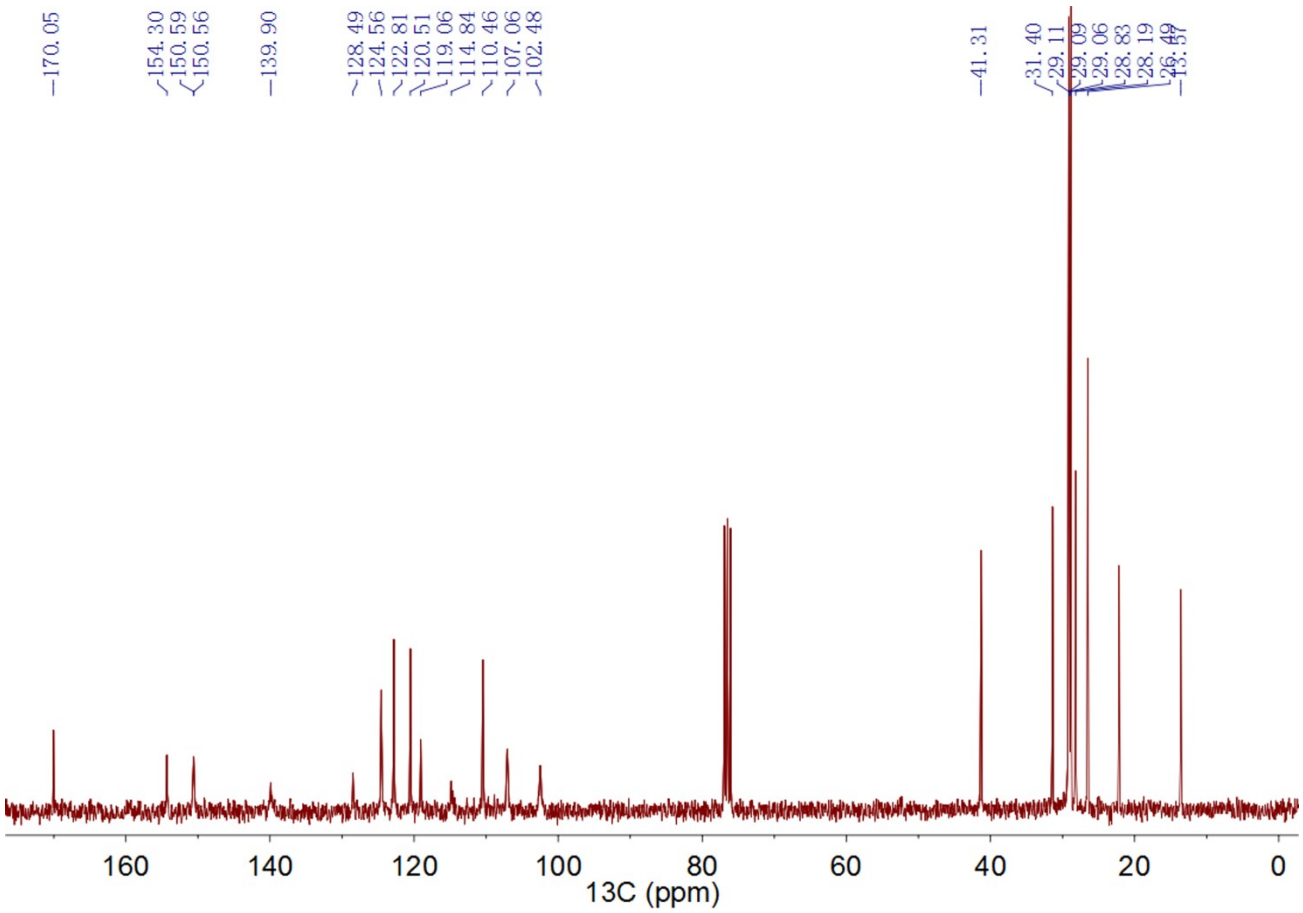

Fig. S9. ^{13}C NMR spectra of $TlI(BFu)_2$.

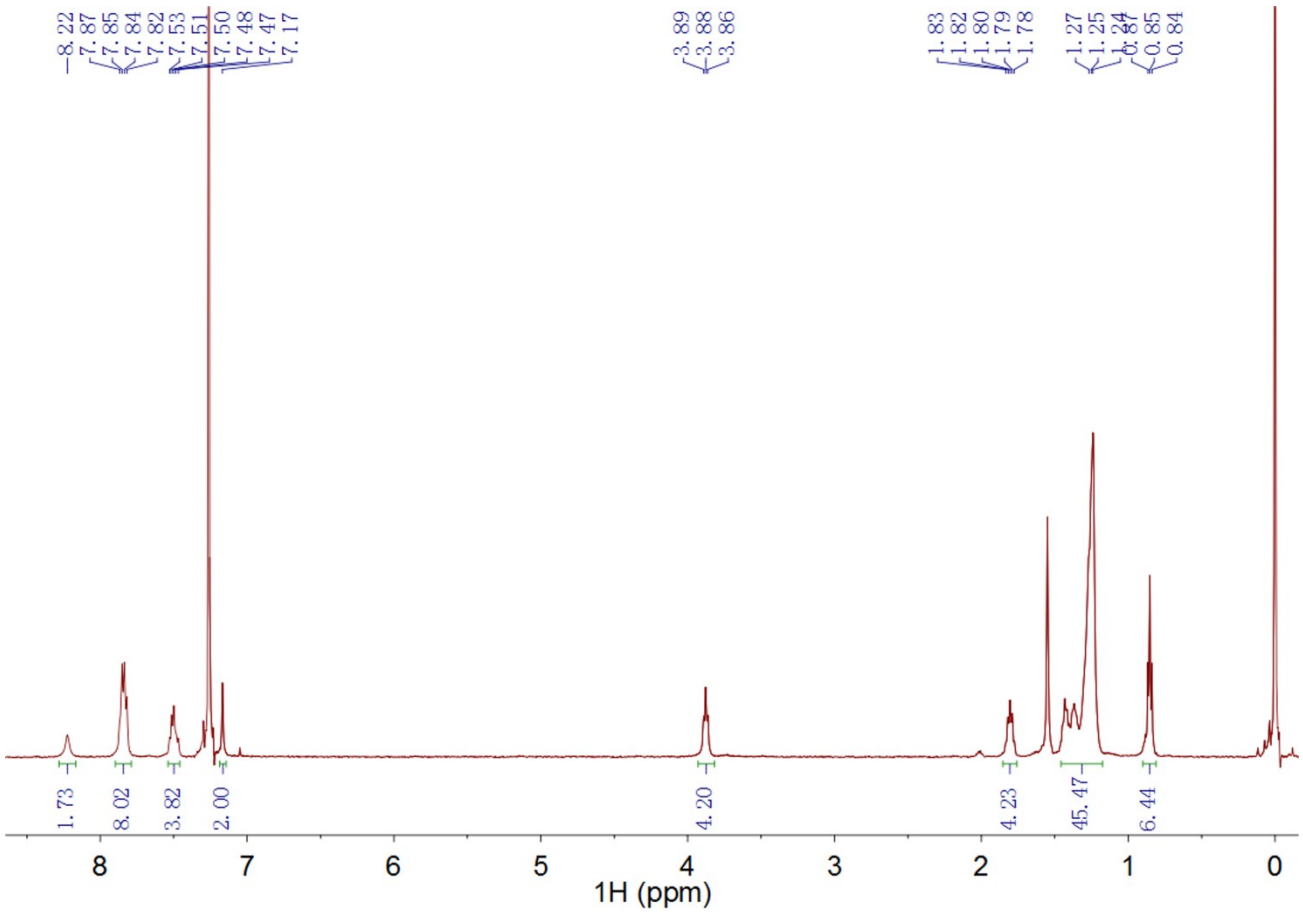

Fig. S10. ^{1}H NMR spectra of TII(Na)$_2$.

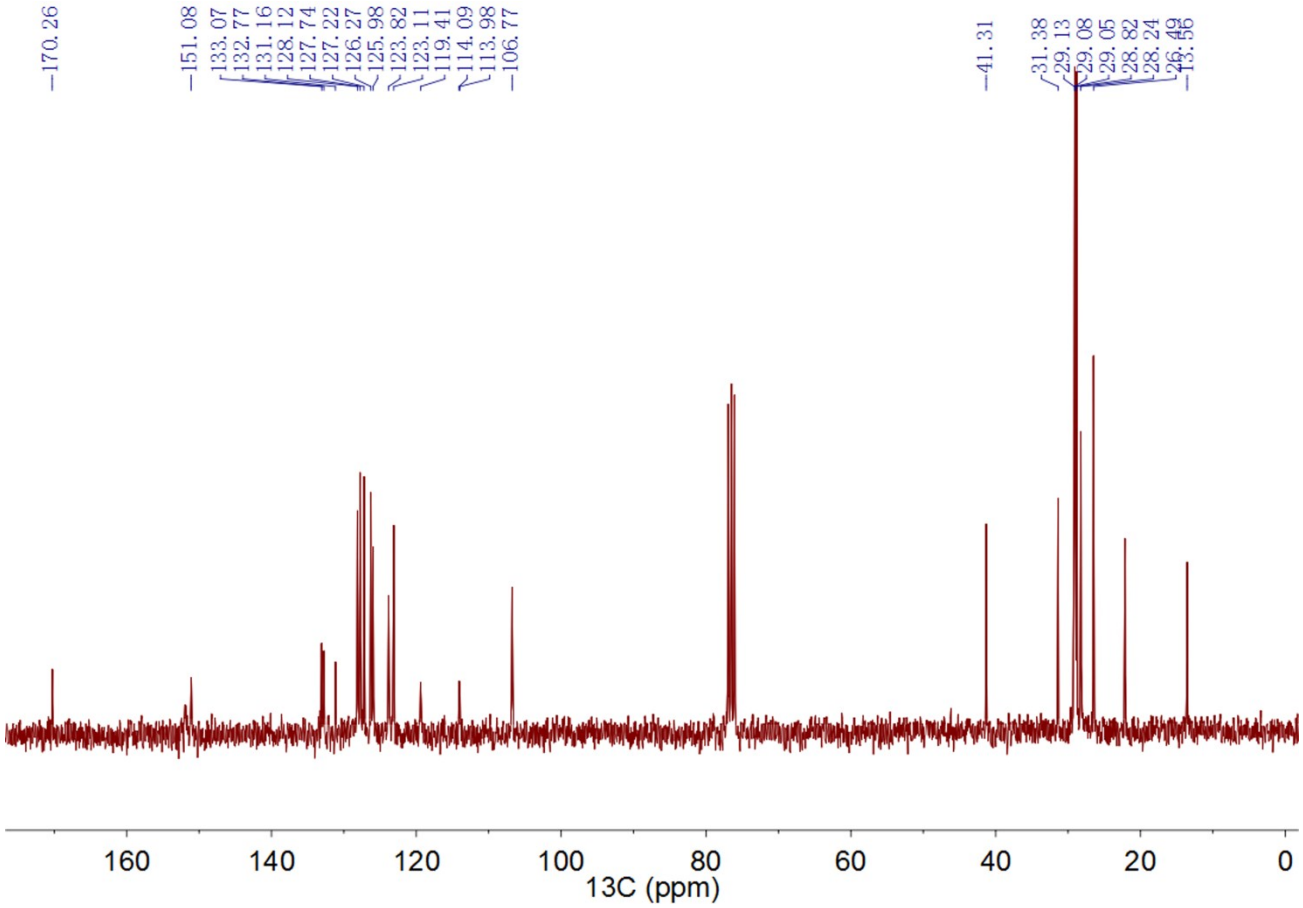

Fig. S11. ^{13}C NMR spectra of $TII(Na)_2$.

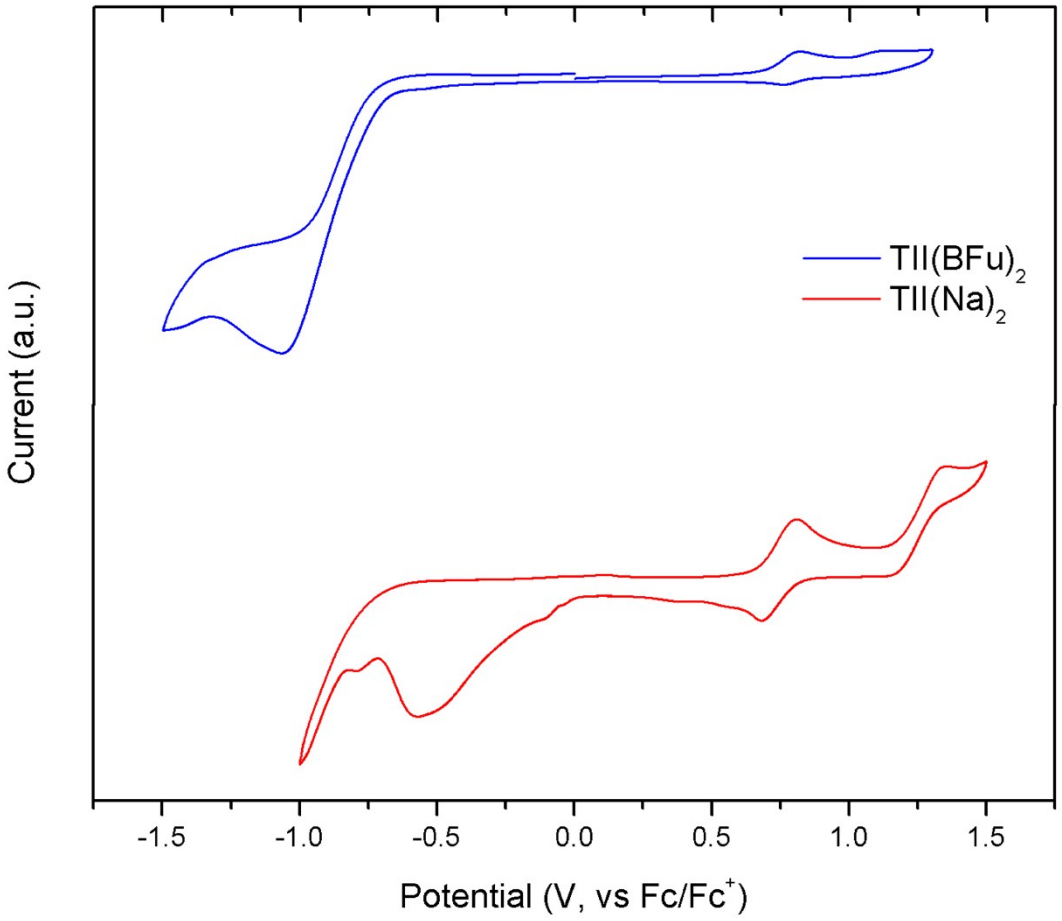

Fig. S12. Cyclic voltammograms of $TII(BFu)_2$ and $TII(Na)_2$ in CH_2Cl_2 containing 0.1 M tetrabutylammonium perchlorate.

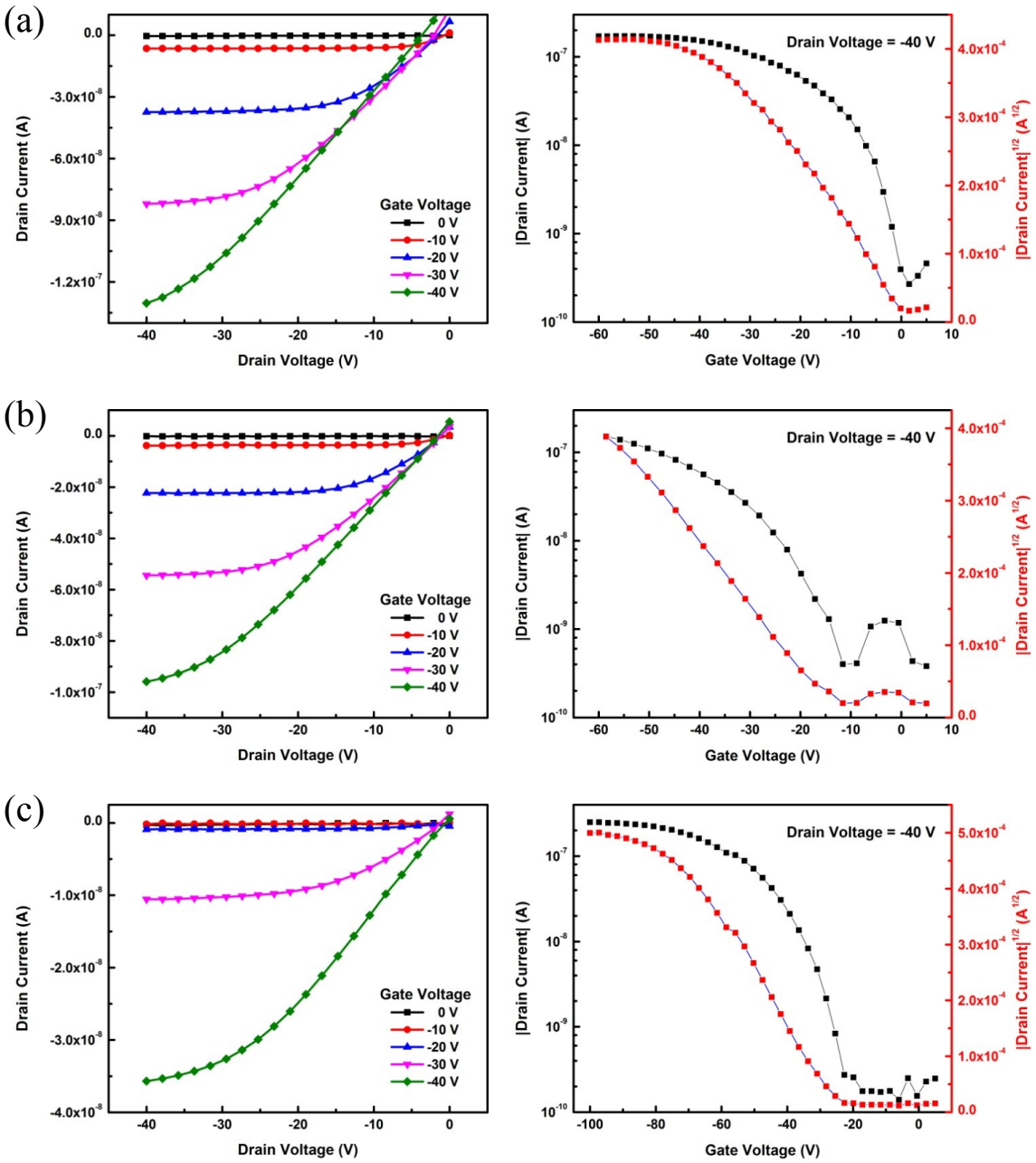

Fig. S13. Output (left) and transfer (right) characteristics for $TII(BFu)_2$ film pre-annealed at 150 °C (a), 170 °C (b) and 190 °C (c).

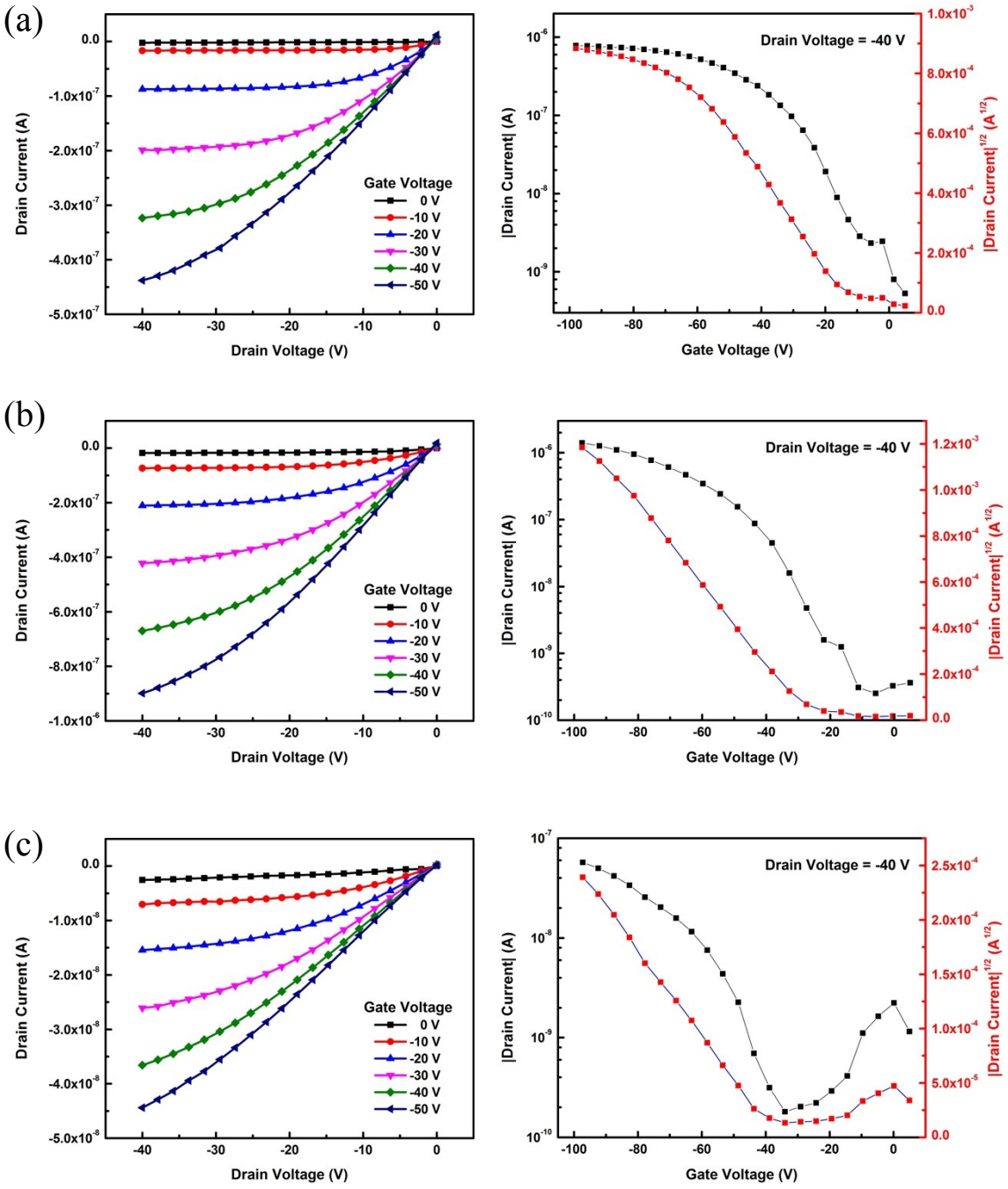

Fig. S14. Output (left) and transfer (right) characteristics for $TII(Na)_2$ film pre-annealed at 130 °C (a), 170 °C (b) and 190 °C (c).