

Electronic Supplementary Information

To Achieve Better Host Material via Position Engineering at Spirobifluorene/Bicarbazole Hybrid for Electrophosphorescence

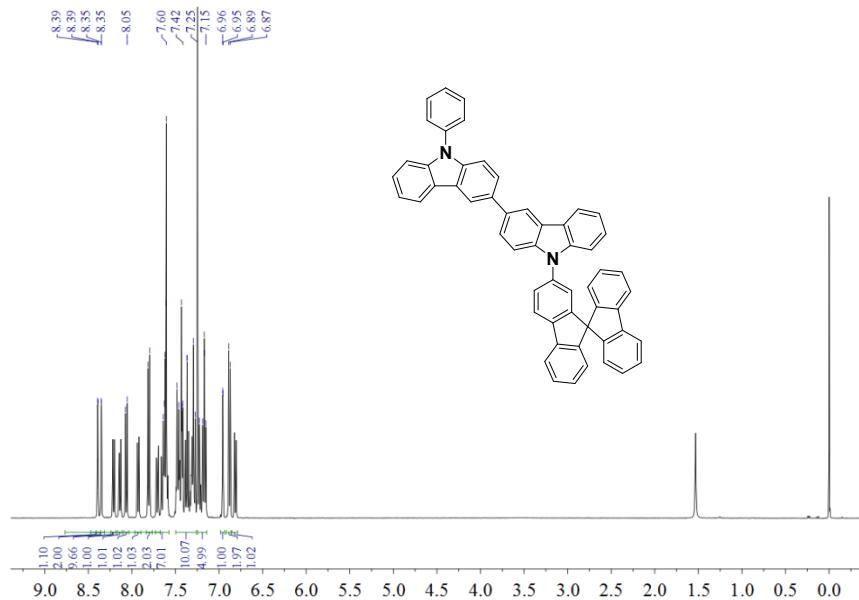
Yuan Liu, Lin-Song Cui, Xiao-Bo Shi, Qian Li, Zuo-Quan Jiang,* Liang-Sheng Liao*

Jiangsu Key Laboratory for Carbon-Based Functional Materials & Devices, Institute of Functional Nano & Soft Materials (FUNSOM);

*Collaborative Innovation Center of Suzhou Nano Science and Technology,
Soochow University, Suzhou, Jiangsu 215123, China.*

Email: zqjiang@suda.edu.cn; lsliao@suda.edu.cn.

Fax: +86-65882846. Tel: +86-512-65880945



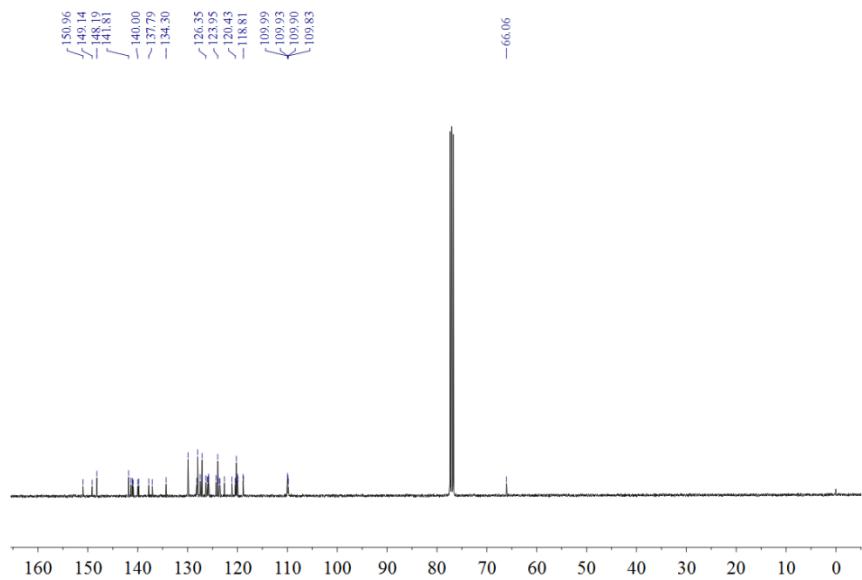
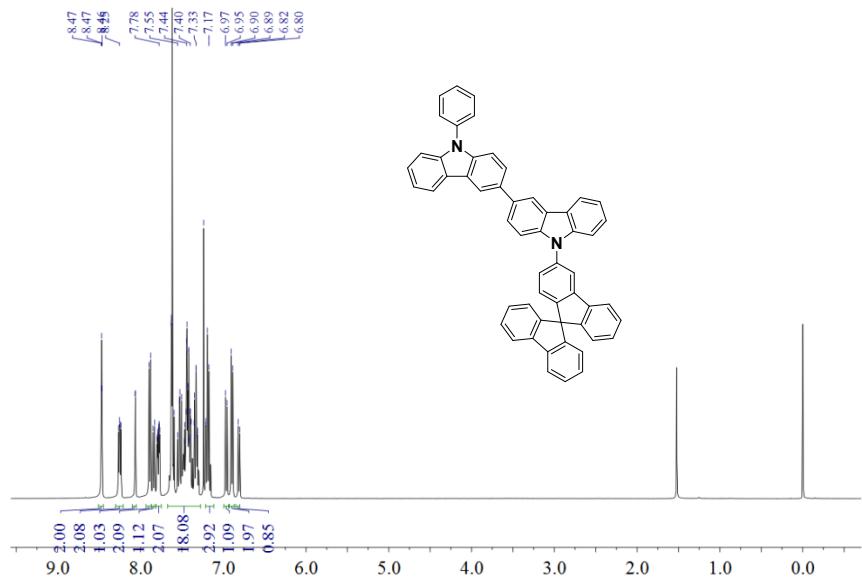


Fig. S1. ^1H NMR and ^{13}C NMR spectra of SF2BCz.



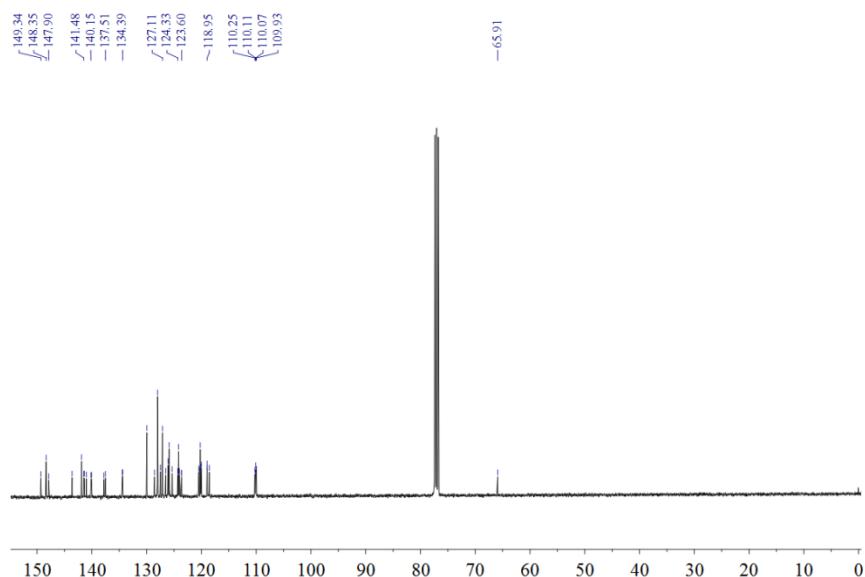


Fig. S2. ¹H NMR and ¹³C NMR spectra of SF3BCz.

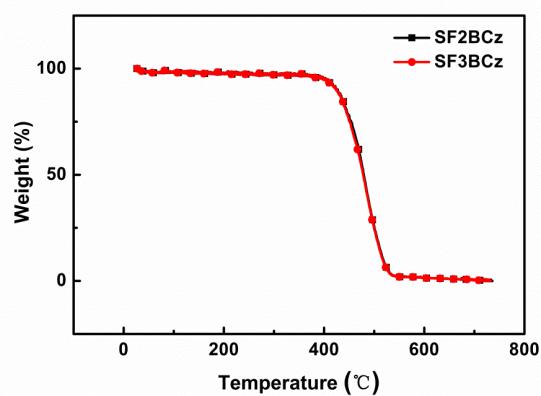


Fig. S3. The TGA of SF2BCz and SF3BCz.

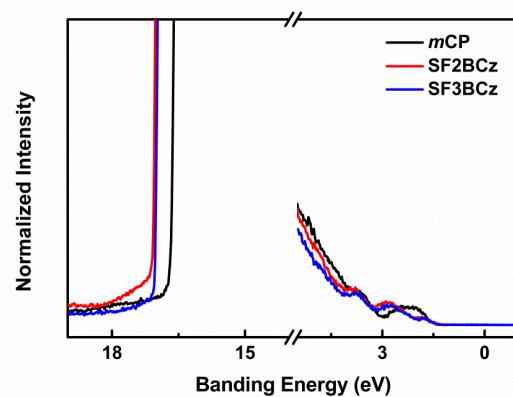


Fig. S4. The UPS spectrum of SF2BCz and SF3BCz thin film prepared by thermal evaporation.

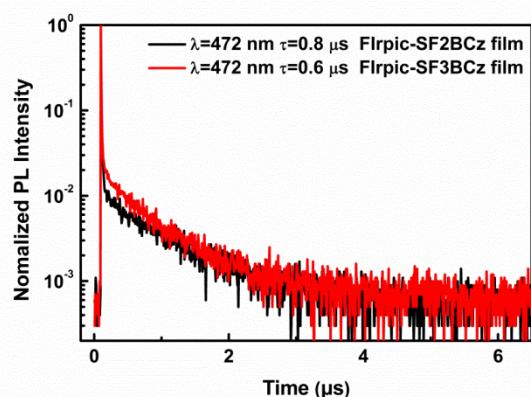


Fig. S5. Transient photoluminescence decay curves (excited at 370 nm) at room temperature at 472 nm for the FIRpic co-deposited with SF2BCz and SF3BCz.