

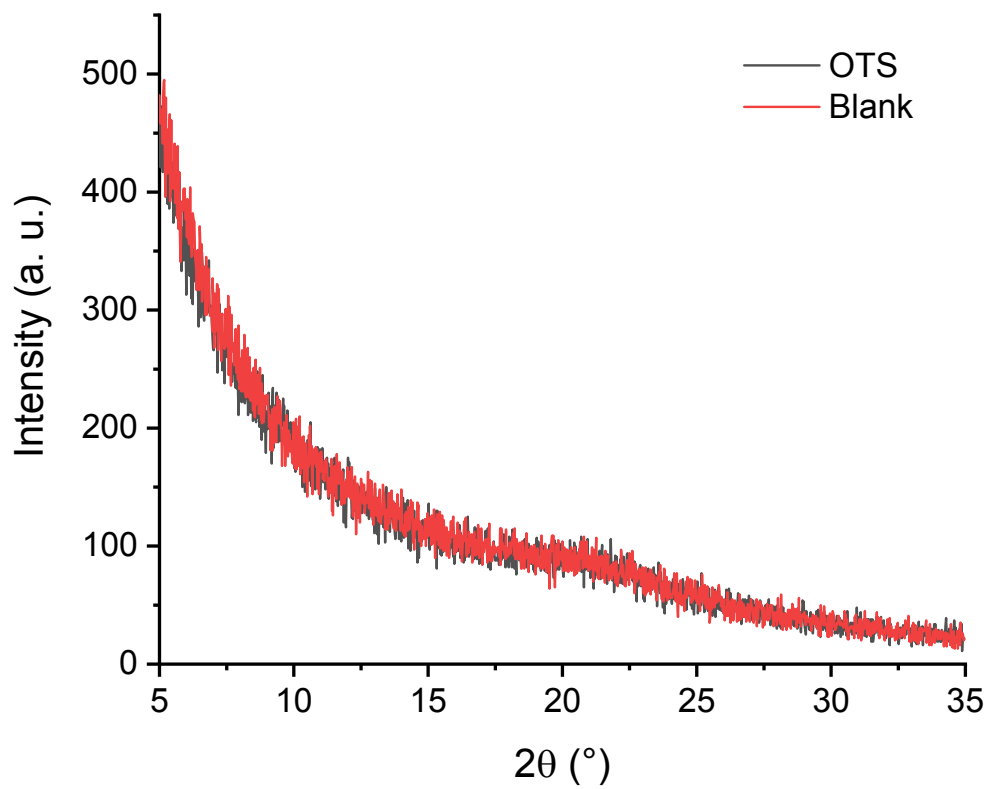
# Functionalization of Commercial Pigment Hostasol Red GG for Incorporation into Organic Thin-Film Transistors

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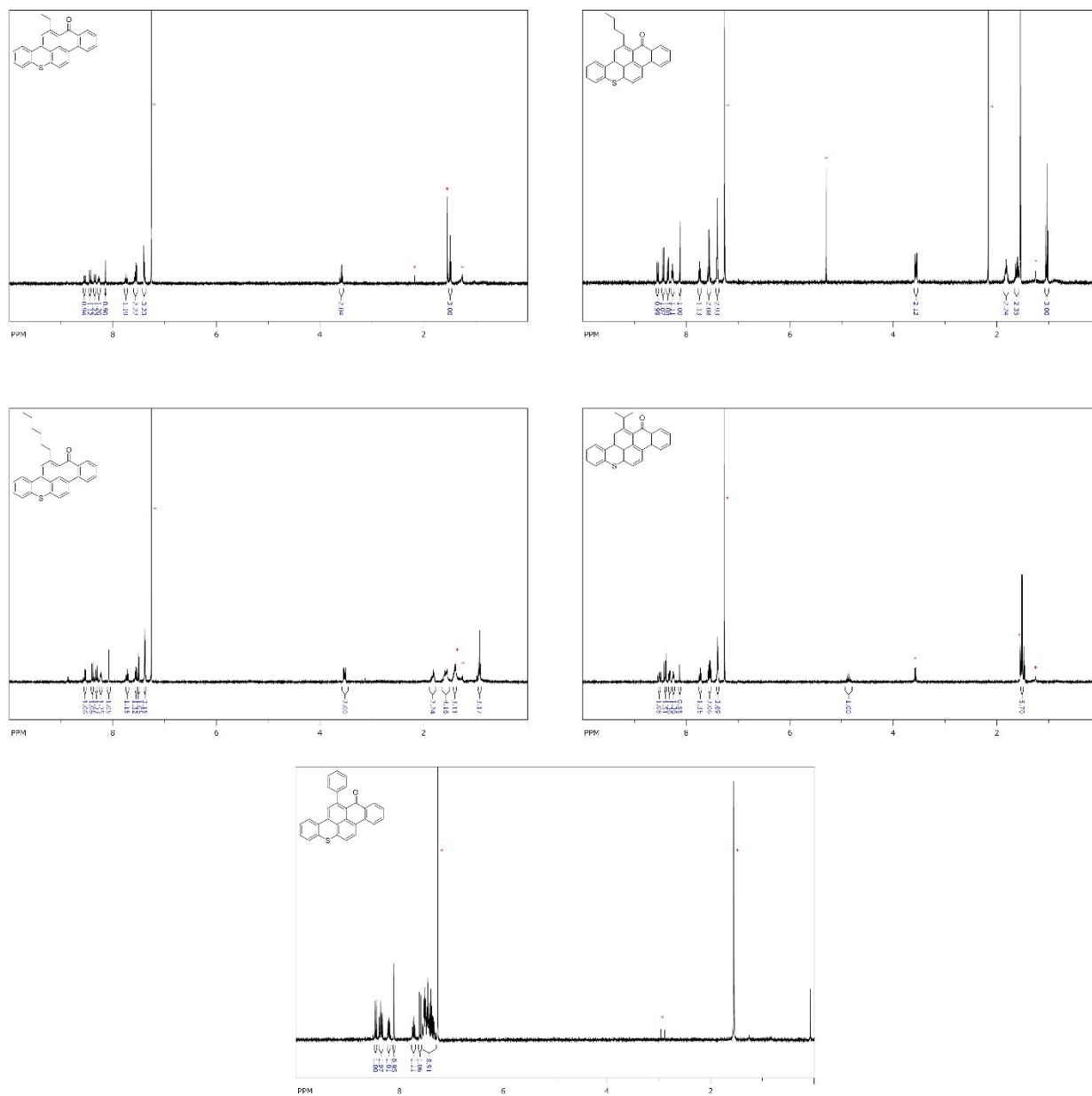
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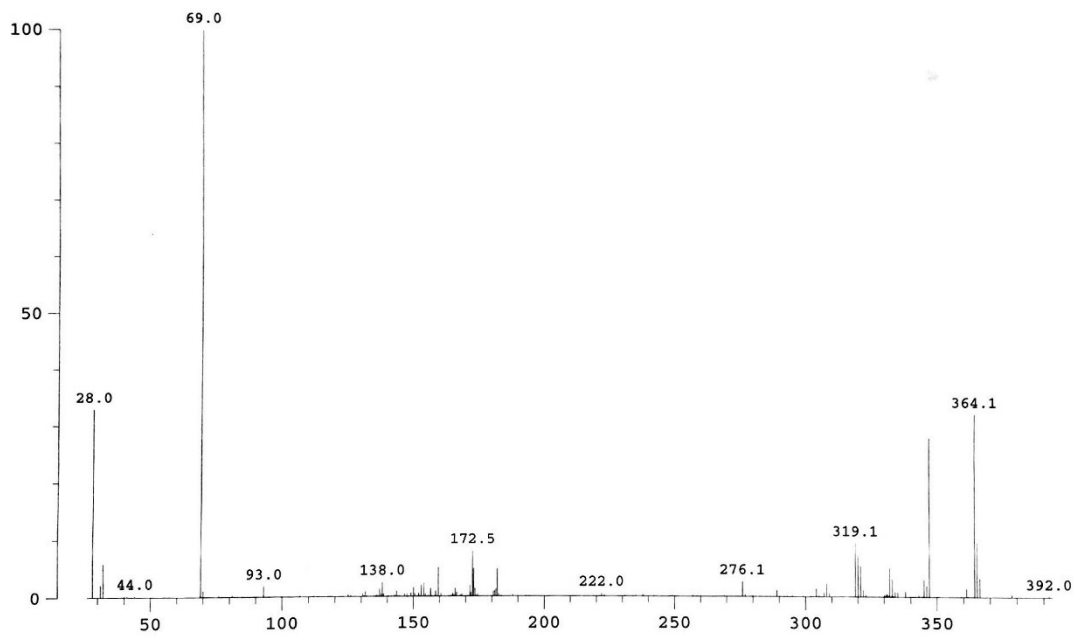
**Supplementary Information**



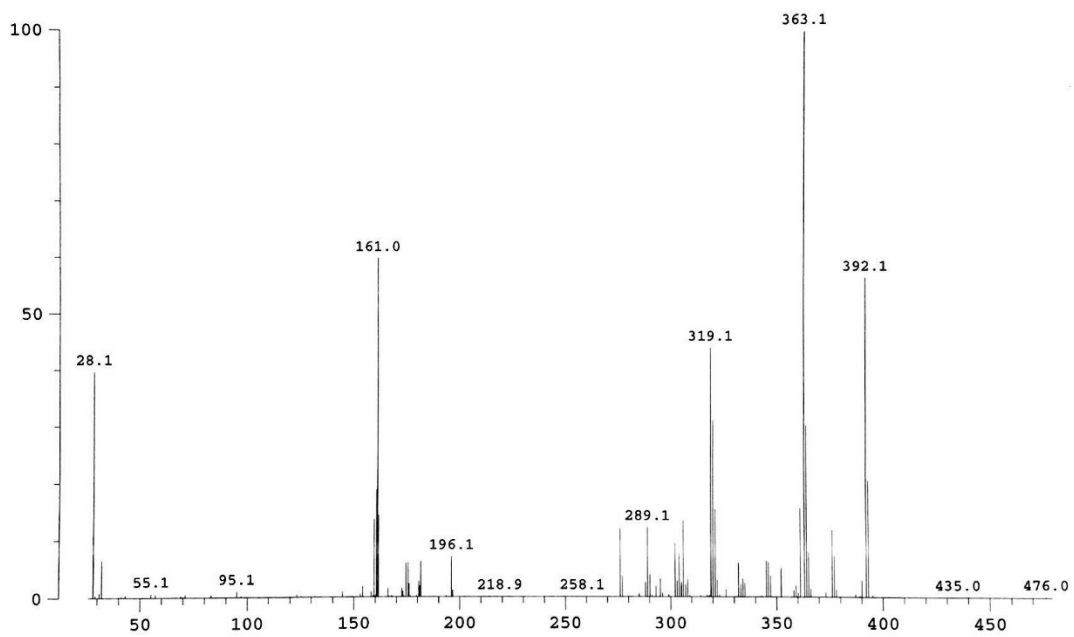
**Figure S1:** X-ray diffraction (XRD) scans of thin films of **6** on octyltrichlorosilane (OTS) modified SiO<sub>2</sub> and a blank control with no film.



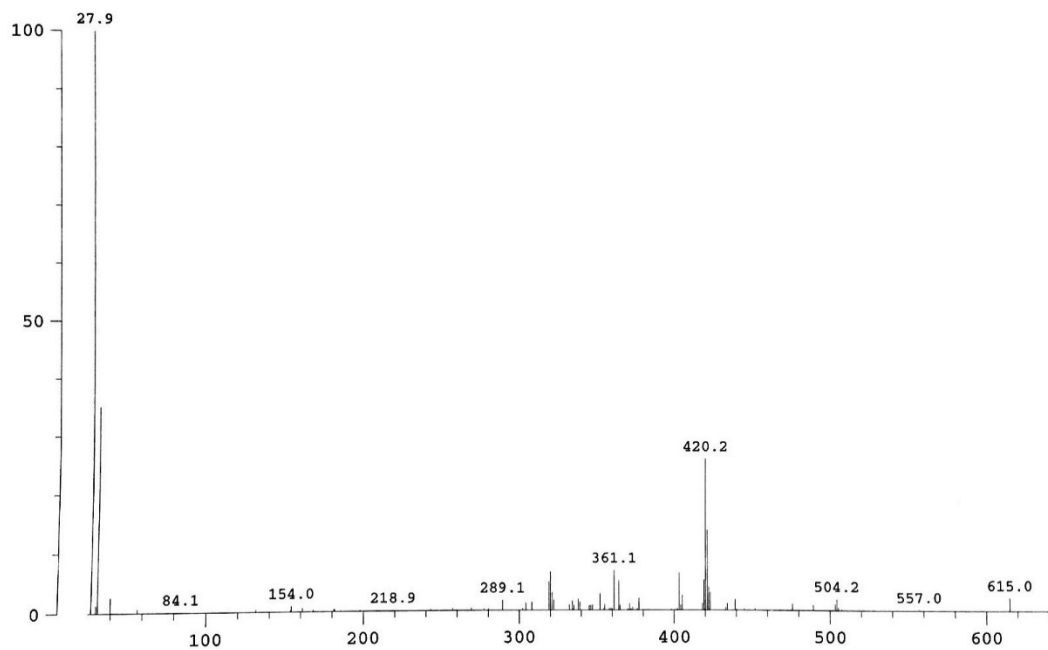
**Figure S2:**  $^1\text{H}$  NMR spectra for the novel compounds synthesized in this study prior to sublimation.



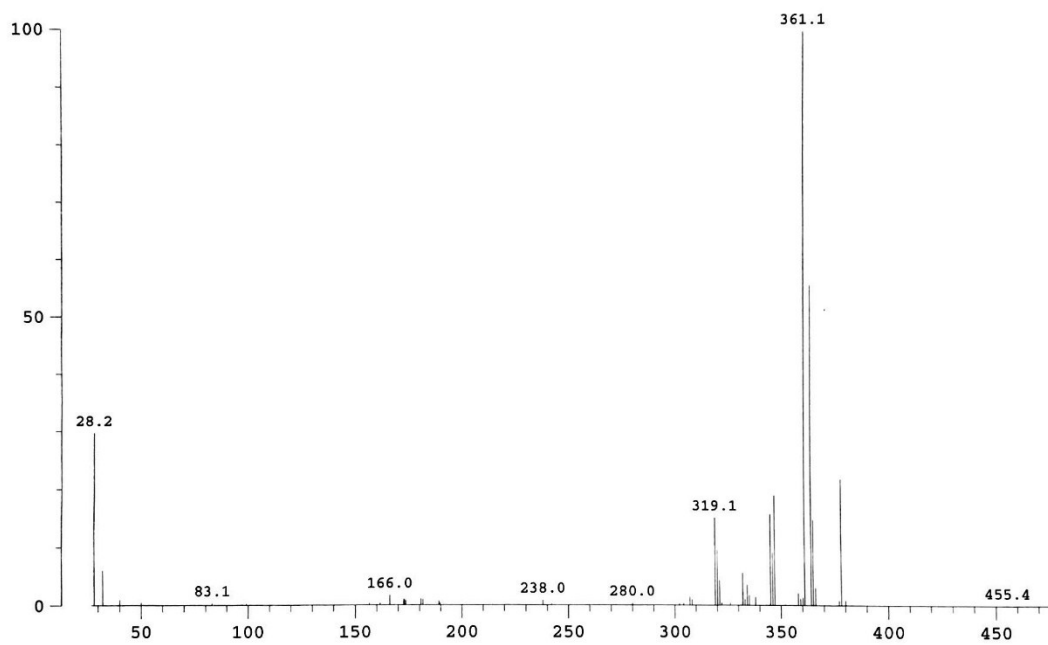
**Figure S3:** Mass spectrum for material 2



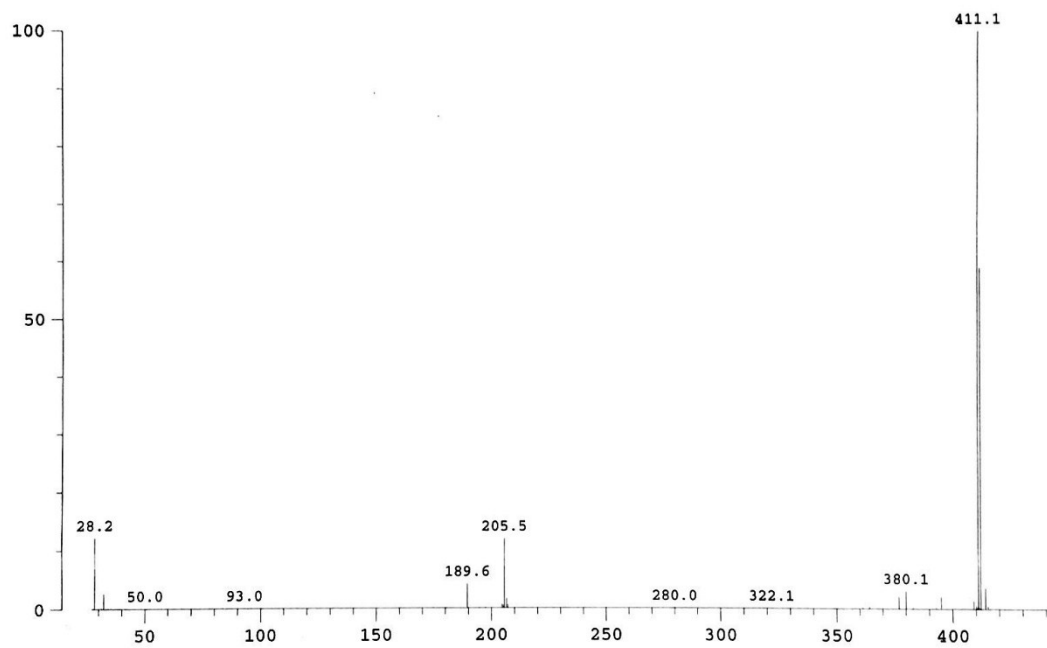
**Figure S4:** Mass spectrum for material 3



**Figure S5:** Mass spectrum for material 4



**Figure S6:** Mass spectrum for material 5



**Figure S7:** Mass spectrum for material 6