

1 **Supplementary Data**

2 **Fluorinated polymeric insulating layer surface advancement by**  
3 **fluorine based cross-linking for high-performance organic**  
4 **electronic applications**

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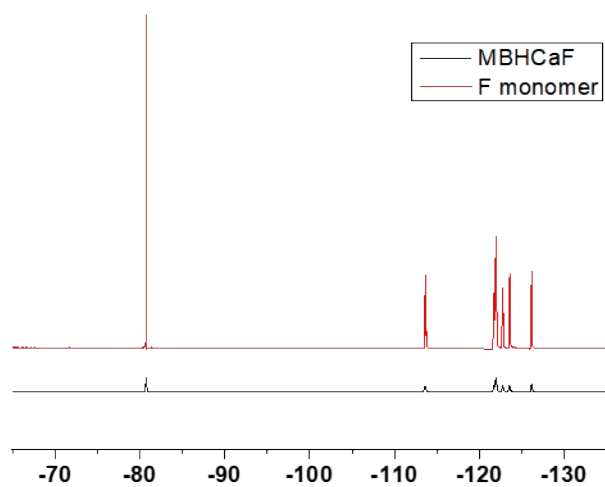
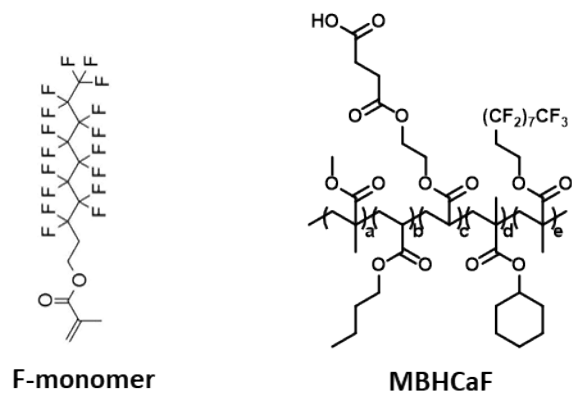
5 **Table S1.** Synthesis ratio of fluorinated acrylate polymer.

	<b>MMA</b>	<b>BA</b>	<b>HEA-suc</b>	<b>Ca</b>	<b>HFMA</b>
<b>MBHCaF</b>	<b>1 eq</b>	<b>0.5 eq</b>	<b>0.5 eq</b>	<b>0.5 eq</b>	<b>0.06 eq</b>

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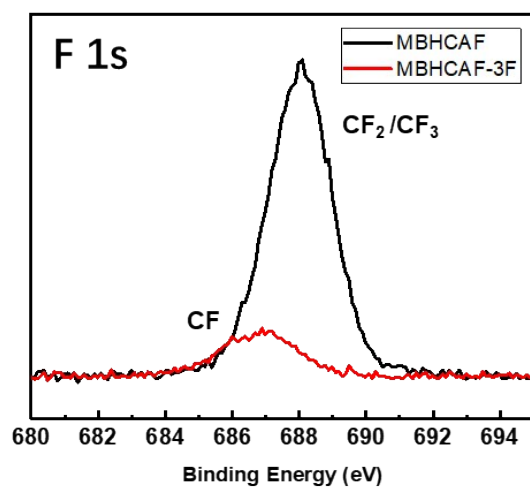
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2 **Fig. S1.**  $^{19}\text{F}$  NMR data of F-monomer and MBHCAF

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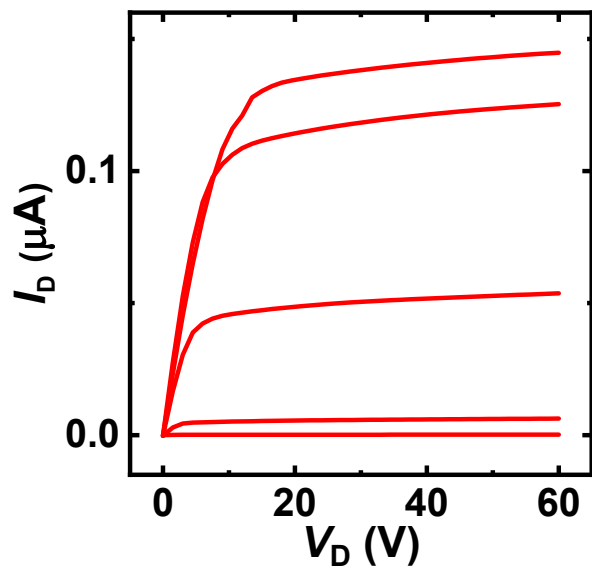
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1 **Fig. S2.** F 1s XPS spectra of MBHCaF and MBHCaF-3F

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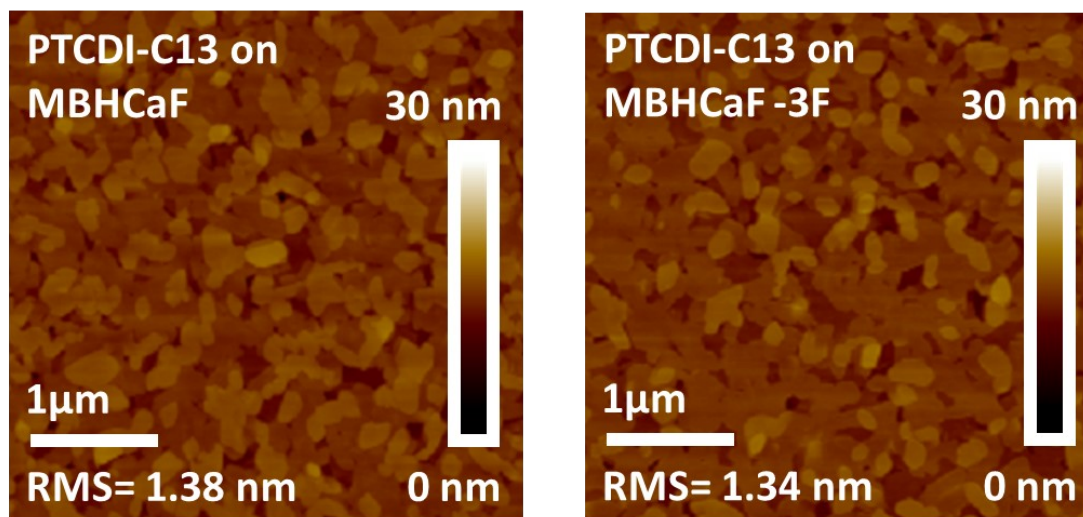
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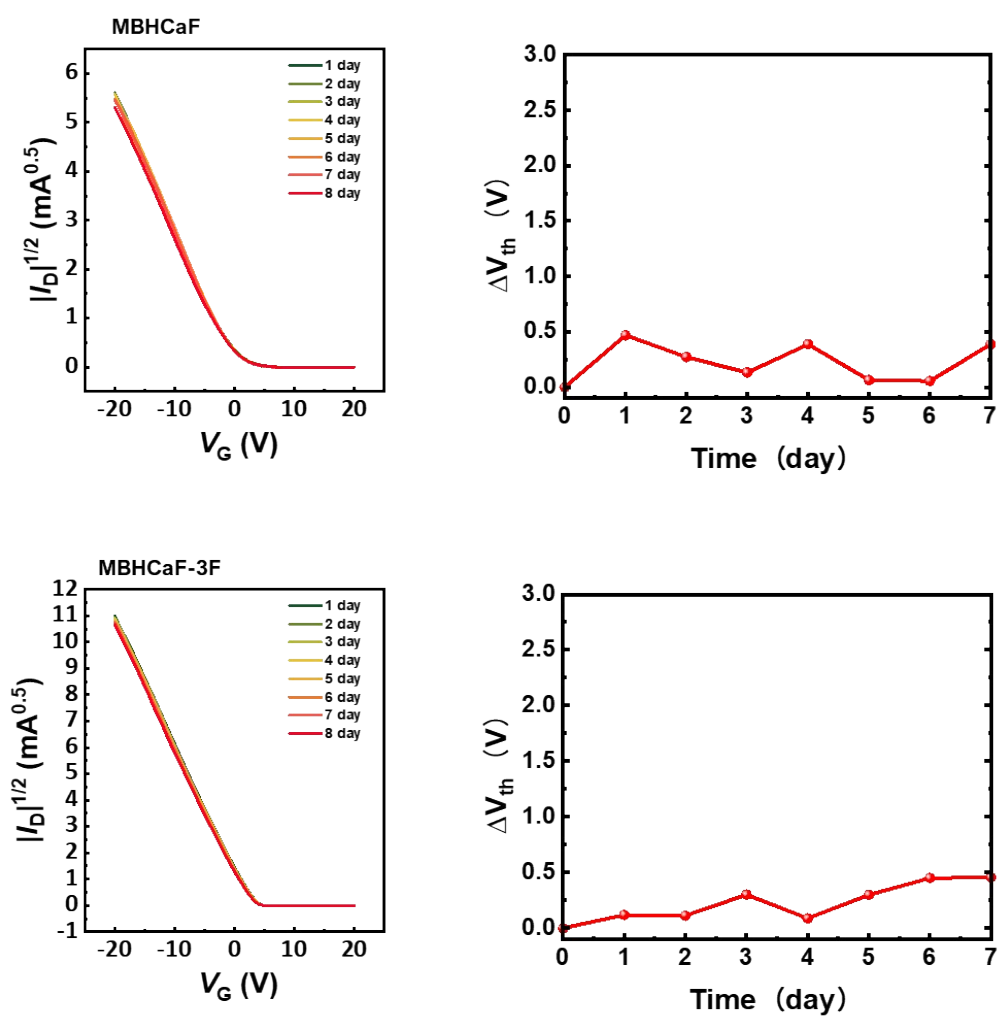
5 **Fig. S3.** Output curve of PTCDI-C<sub>13</sub> OFETs with MBHCaF layers

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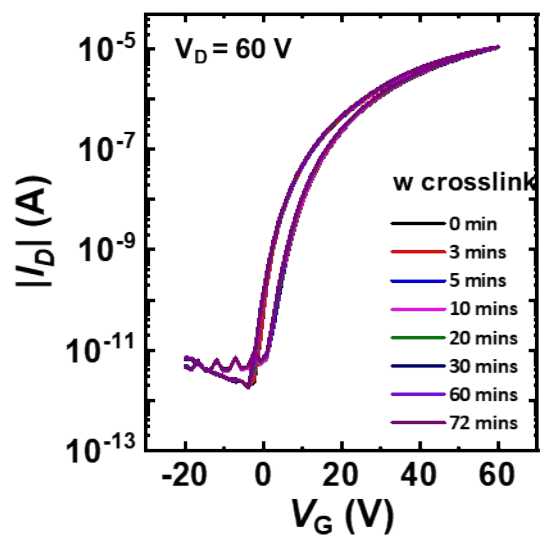
8 **Fig. S4.** AFM image of PTCDI-C<sub>13</sub> on polymeric dielectrics



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2 **Fig. S5.** Bias-stress stability transfer curve data of C<sub>10</sub>-DNTT OFETs with  
 3 MBHCaF/MBHCaF-3F layers for long-term.

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2 **Fig. S6.** Bias-stress stability transfer curve data of PTCDI-C13 OFETs with MBHCaF-3F  
3 layers

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8 **Fig. S7.** OM image of printed layer (MBHCaF-3F)

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