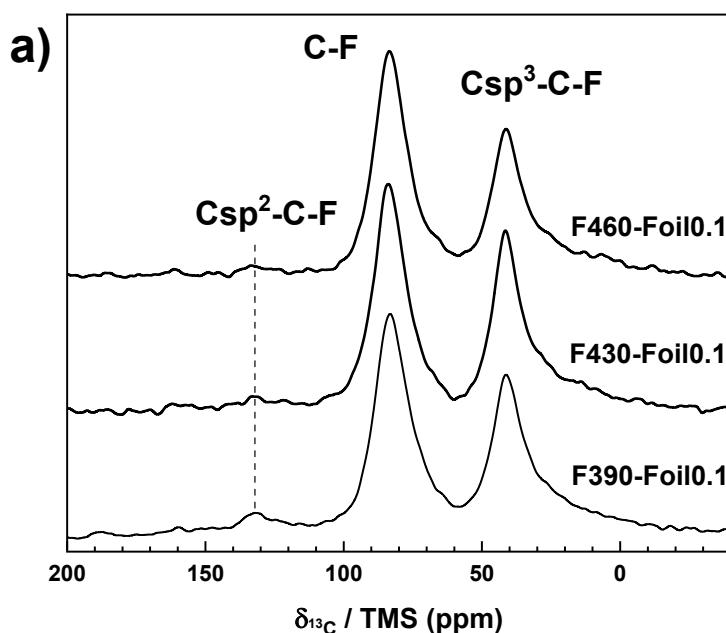


Table SI1

**Table SI1.** Percentage of  $(C_2F)_n$  phase from  $^{13}C$  NMR data for  $FT_F\text{-Foil0.1}$  series

	F390-Foil0.1	F410-Foil0.1	F430-Foil0.1	F460-Foil0.1
% $(C_2F)_n$	75±2	77±2	76±2	69±2
F/C*	0.56±0.01	0.55±0.01	0.56±0.01	0.59±0.01

\* F/C = 1/(1+0.01\*% $(C_2F)_n$ )



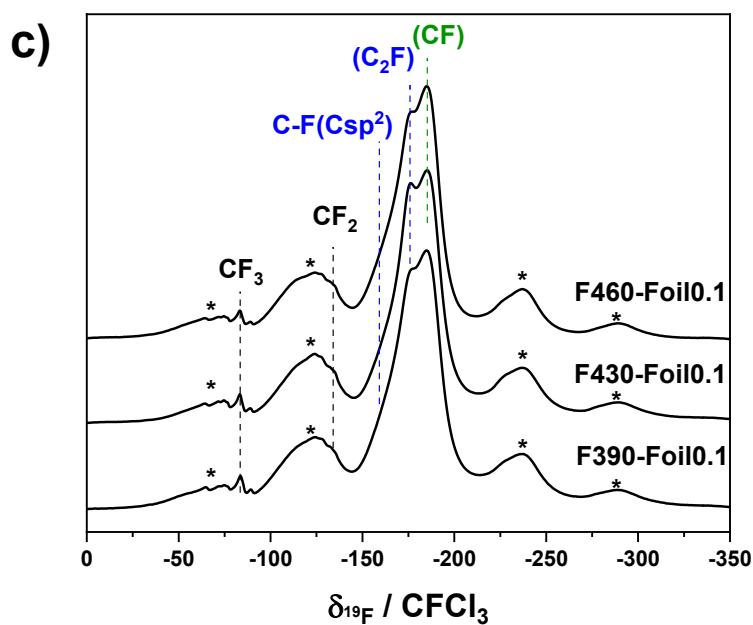
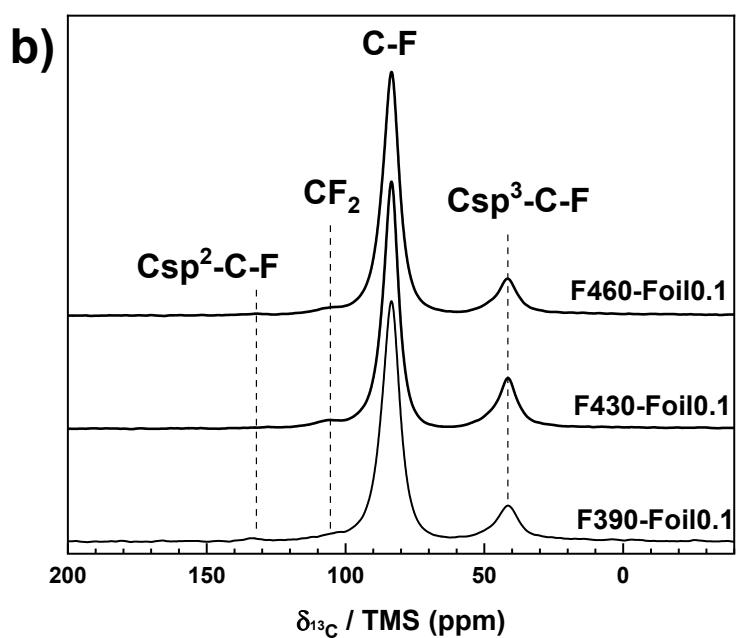


Figure SI1. MAS NMR spectra of 0.1 mm foil on <sup>13</sup>C (a), <sup>19</sup>F-<sup>13</sup>C CP (b) and <sup>19</sup>F nuclei (c). The spinning rates are 10, 10 and 14 kHz, respectively.