

ELECTRONIC SUPPLEMENTARY INFORMATION

Synthesis and Thermotropic Properties of New Green Electrochromic Ionic Liquid Crystals

Lucia Veltri,^{*a} Gabriella Cavallo,^b Amerigo Beneduci,^{*a} Pierangelo Metrangolo,^{b,c} Giuseppina Anna Corrente,^a Maurizio Ursini,^b Roberto Romeo,^d Giancarlo Terraneo,^b and Bartolo Gabriele^{*a}

Table of Contents

Copies of DSC and TGA thermograms	2-8
Figure S-15	9

Copies of DSC and TGA thermograms

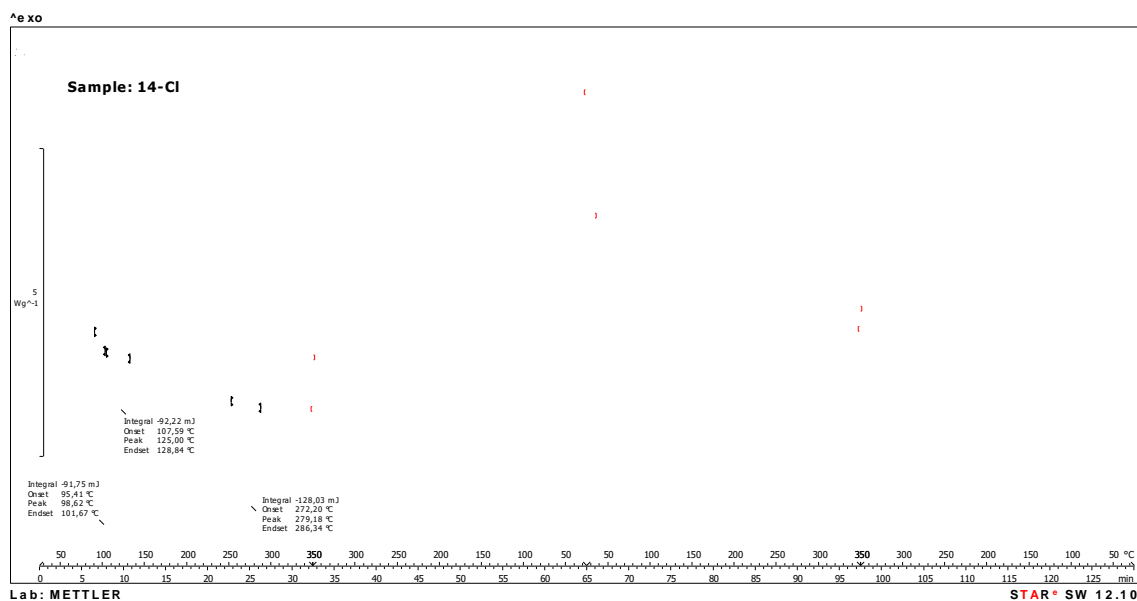


Figure S1: DSC thermogram of compound 14-Cl,

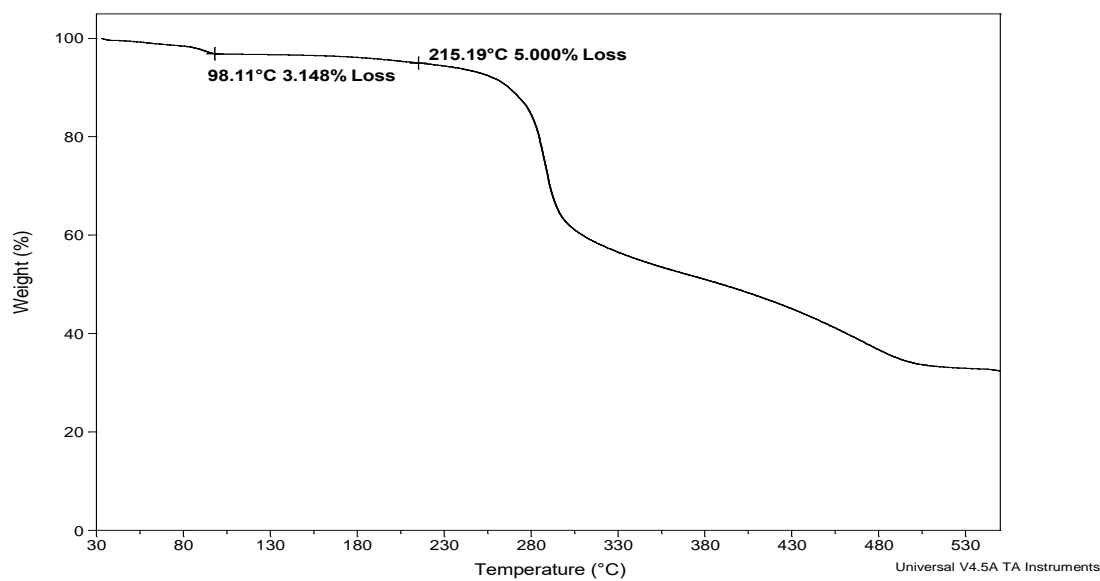


Figure S2: Thermogravimetric curve of 14-Cl.

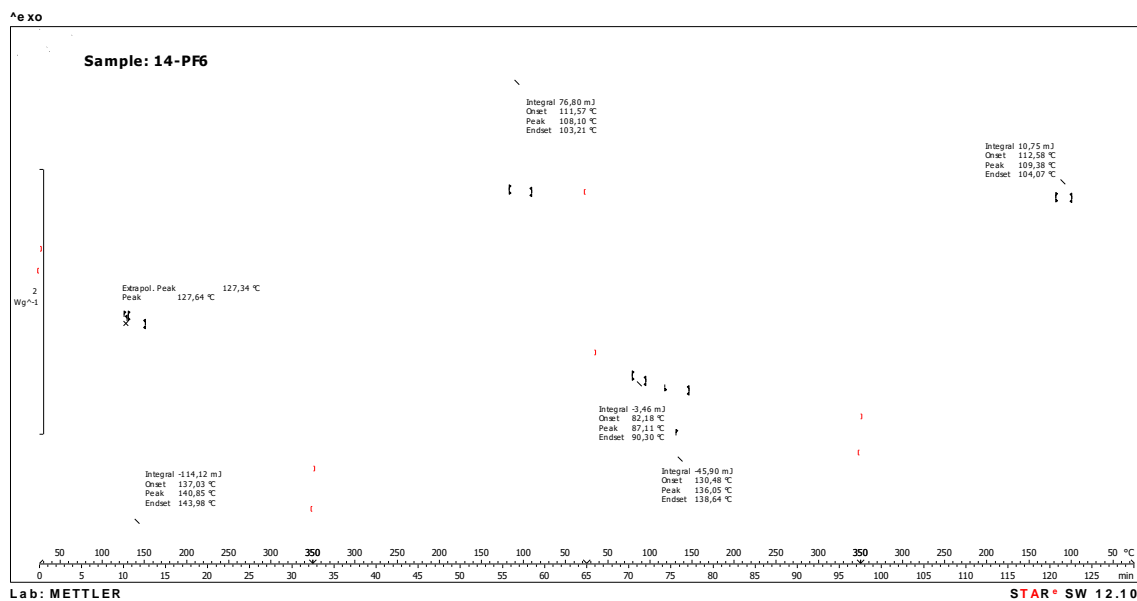


Figure S3: DSC thermogram of compound **14- PF₆**.

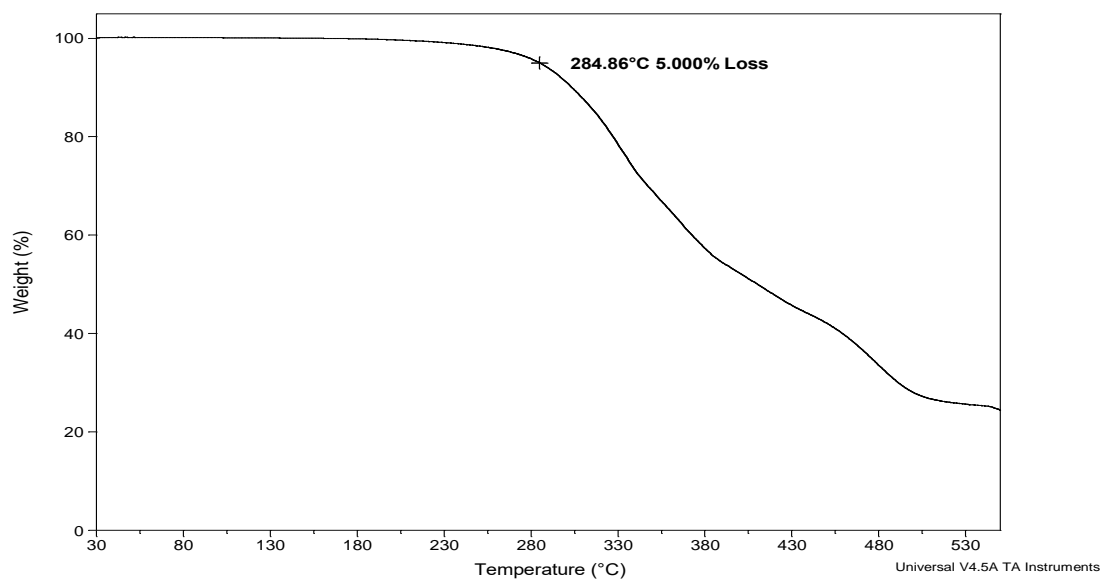


Figure S4: Thermogravimetric curve of **14-PF₆**.

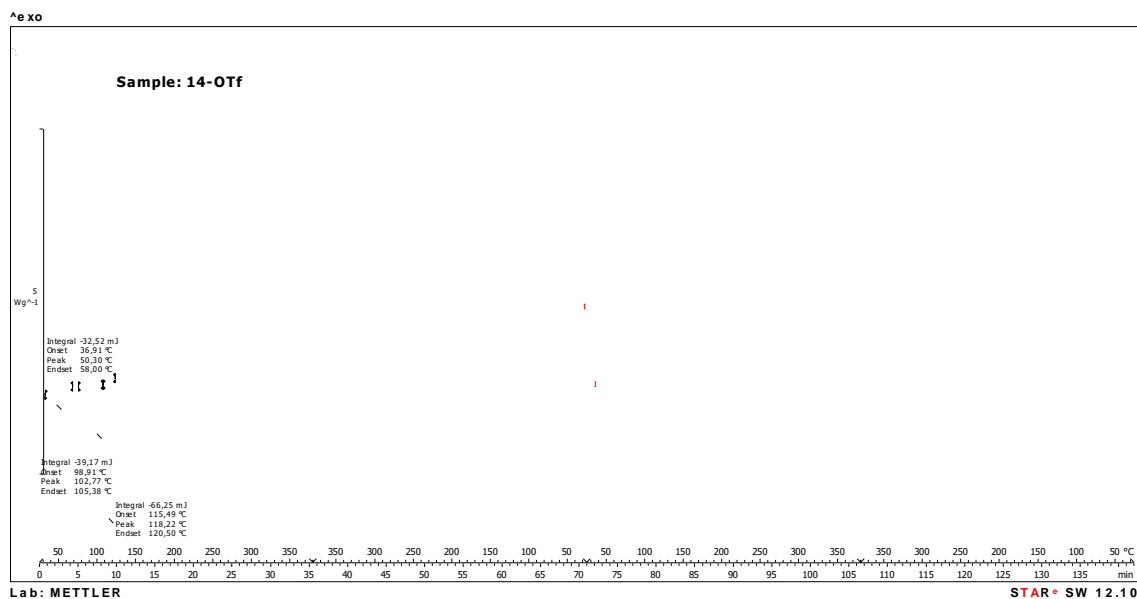


Figure S5: DSC thermogram of compound 14- OTf.

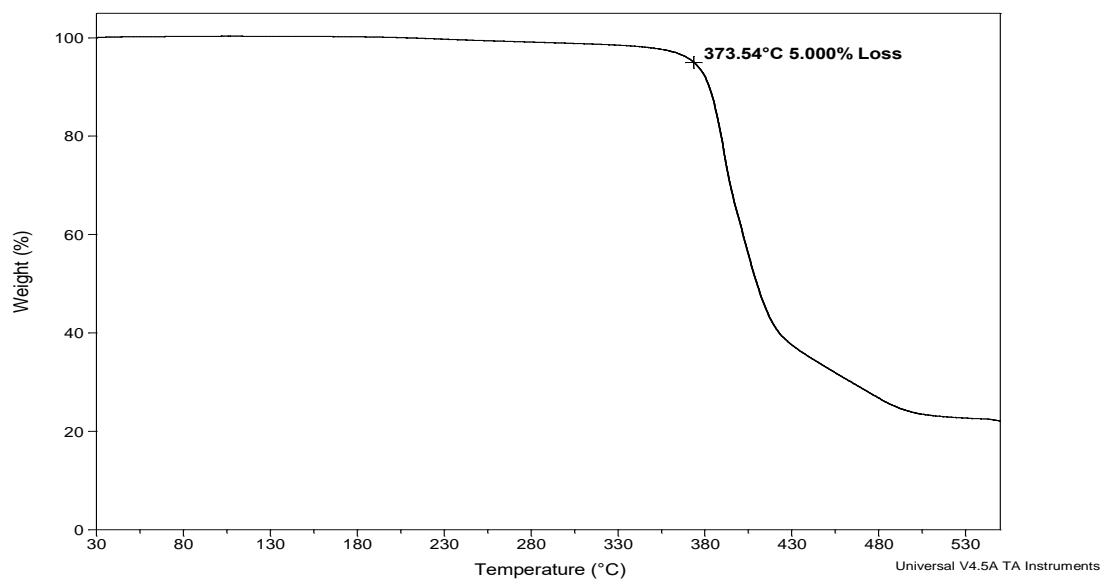


Figure S6: Thermogravimetric curve of 14-OTf.

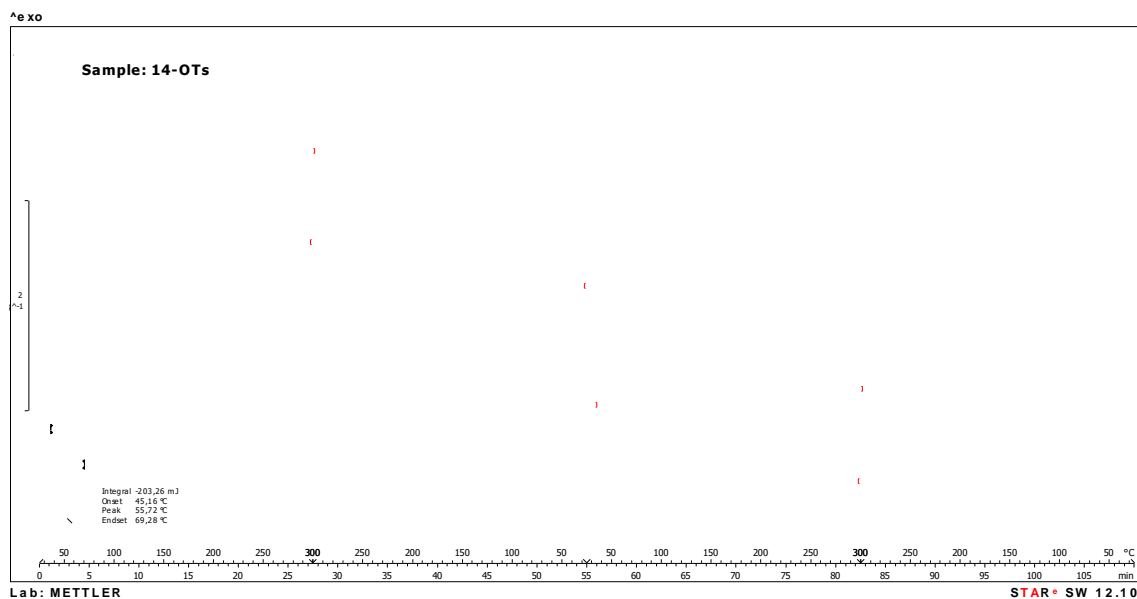


Figure S7: DSC thermogram of compound 14- OTs.

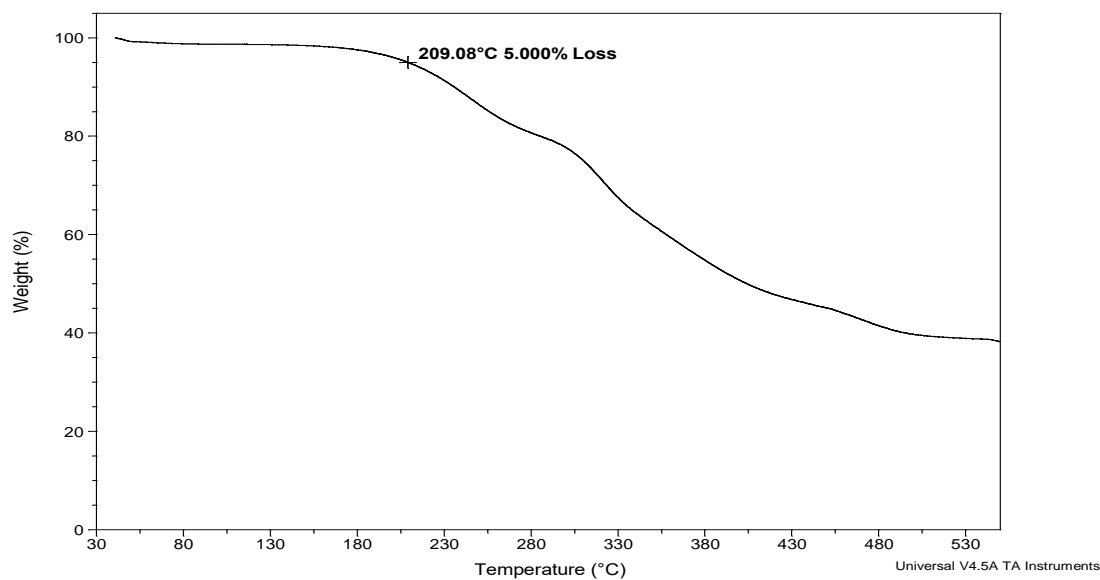


Figure S8: Thermogravimetric curve of 14-OTs.

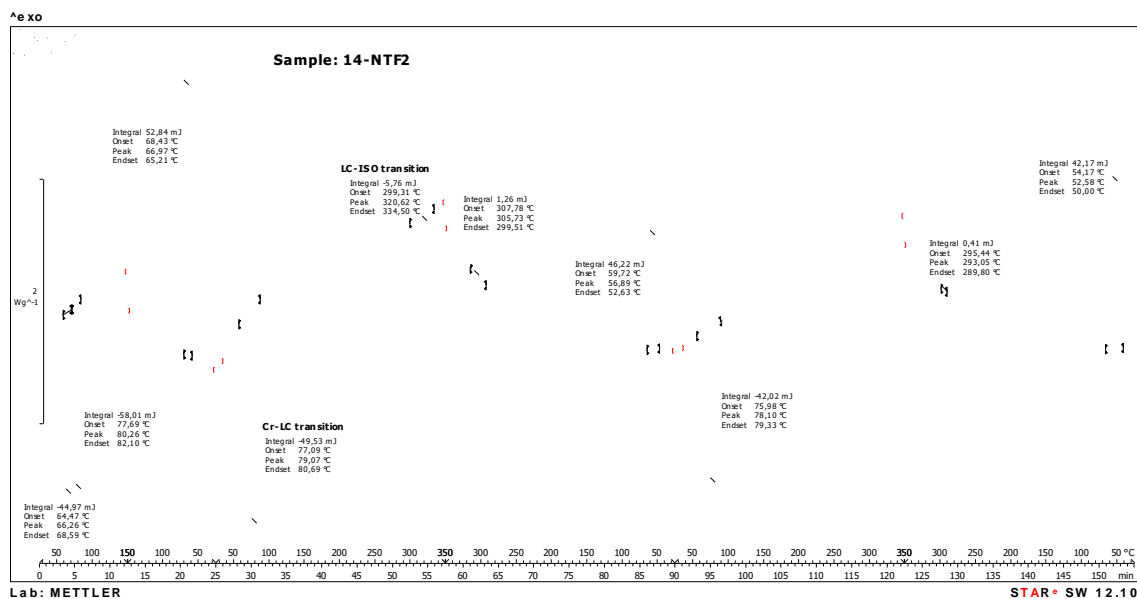


Figure S9: DSC thermogram of compound 14-NTF₂.

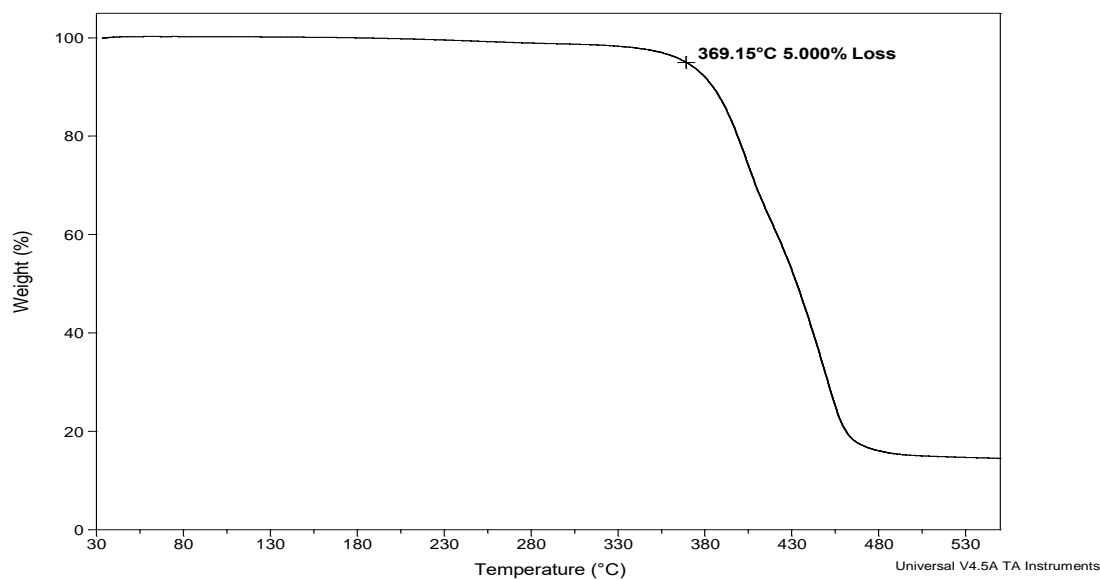


Figure S10: Thermogravimetric curve of 14-NTF₂.

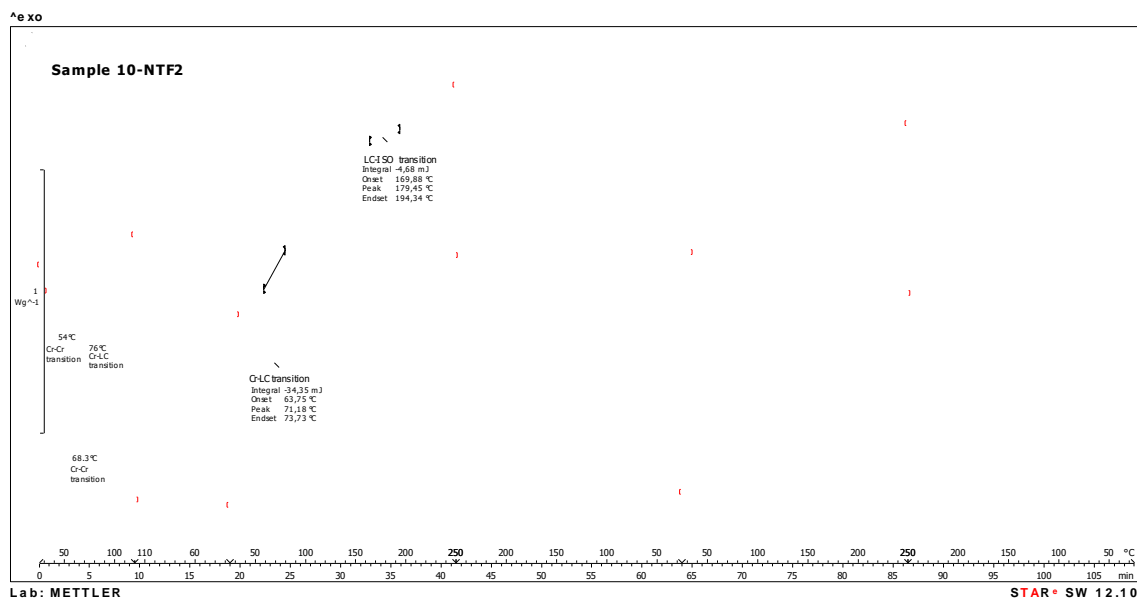


Figure S11: DSC thermogram of compound 10-NTf₂.

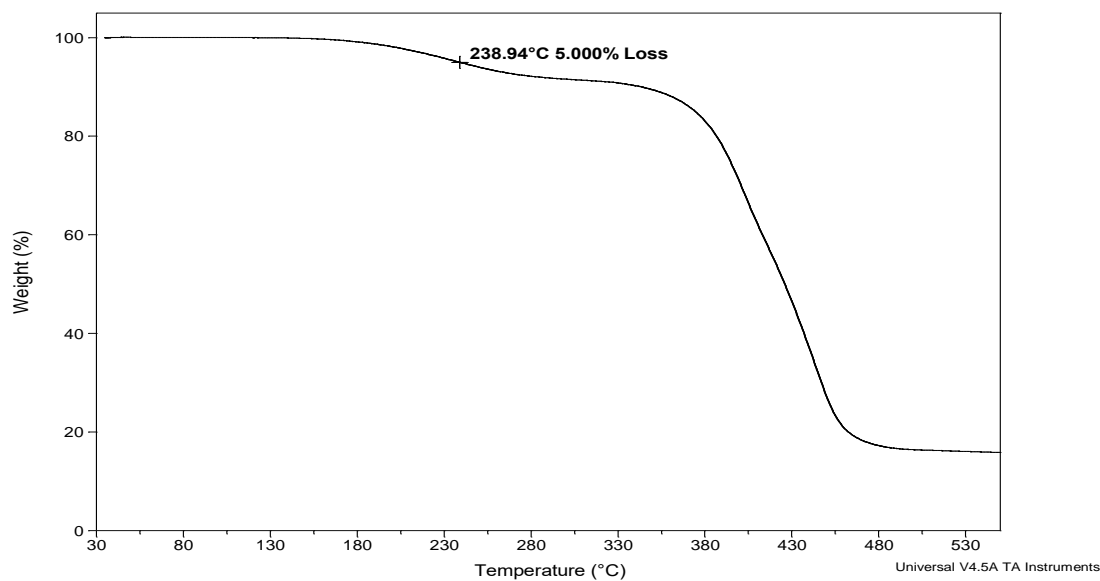


Figure S12: Thermogravimetric curve of 10-NTf₂.

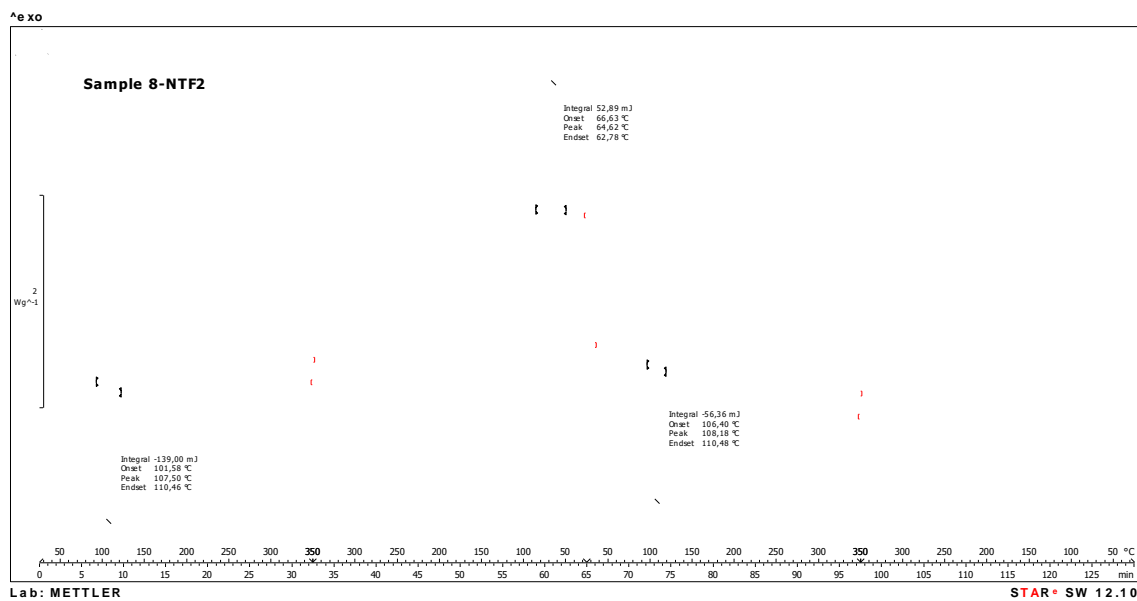


Figure S13: DSC thermogram of compound **8-NTF₂**.

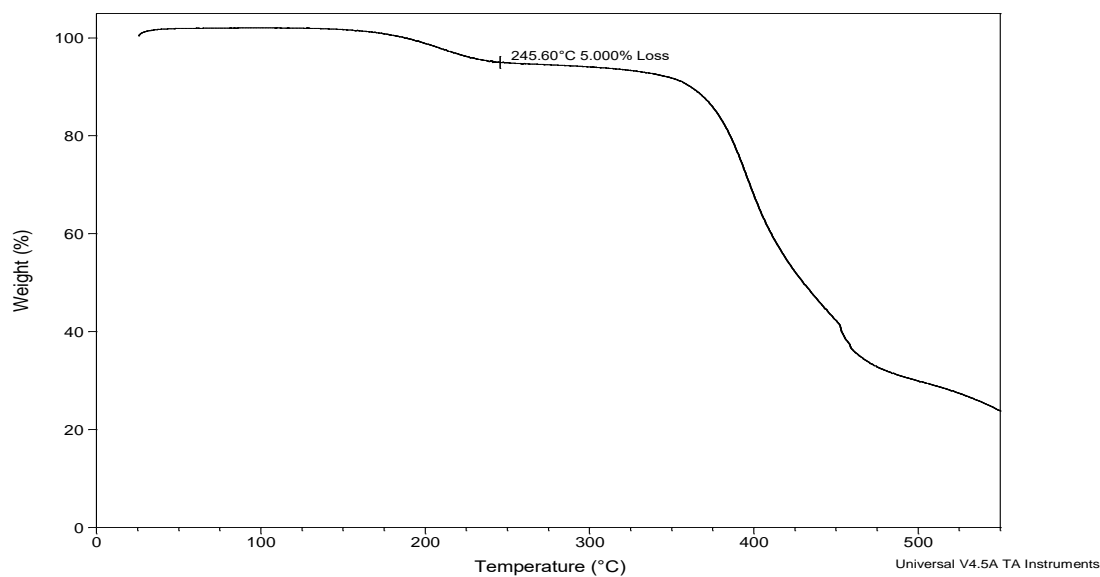


Figure S14: Thermogravimetric curve of **8-NTF₂**.

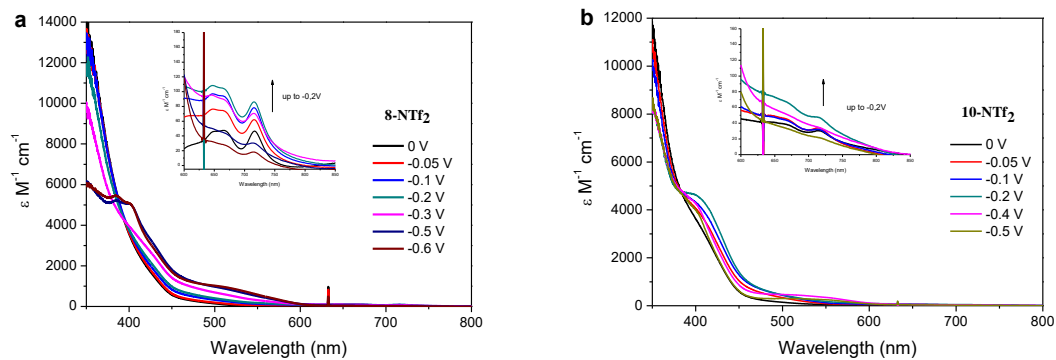


Figure S15: Spectroelectrochemistry of the compounds (a) **8-NTf₂** and (b) **10-NTf₂** with potential referred to Ag/AgCl. The insets highlight the typical viologen absorption bands hermogravimetric curve of **8-NTf₂**.

