

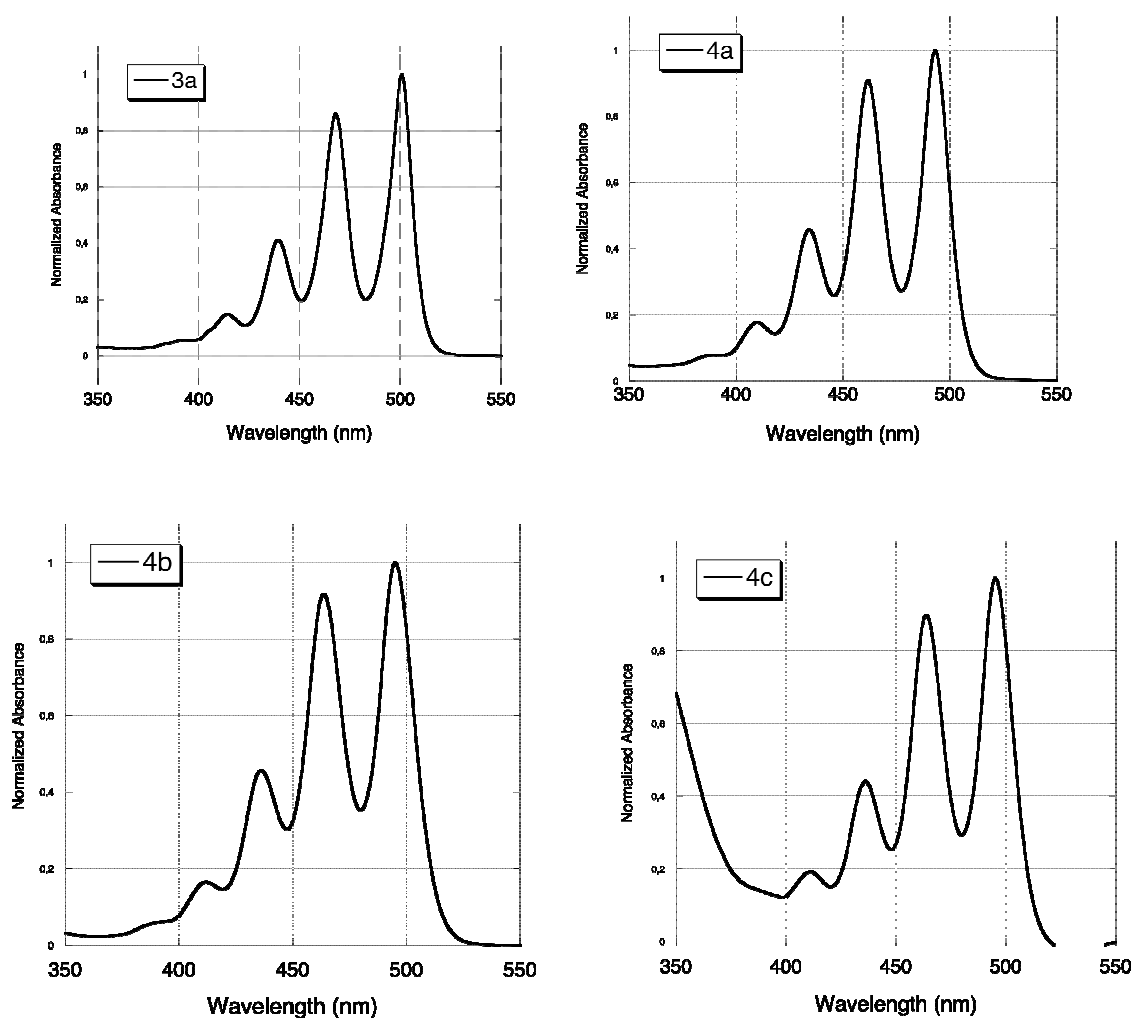
Supporting information for

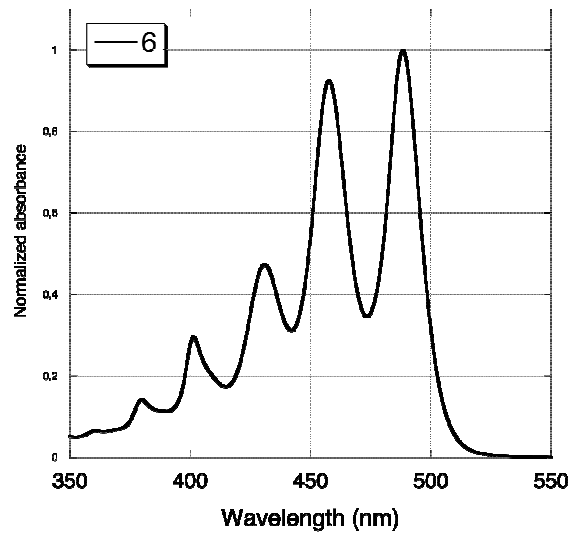
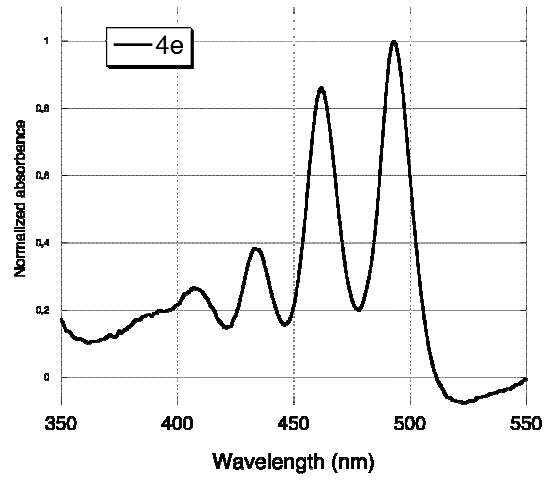
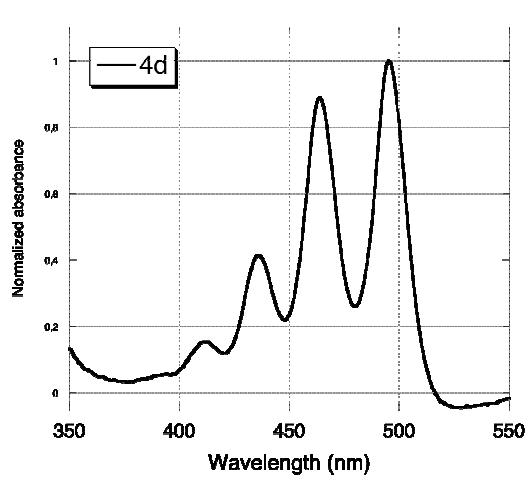
Cross-coupling of 5,11-dibromo-tetracene catalysed by a triethylammonium ion-tagged diphenylphosphine palladium complex in ionic liquids

Antonio Papagni,[†] Claudio Trombini,[‡] Marco Lombardo,[‡] Stefano Bergantin,[†] Amani Chams[†],

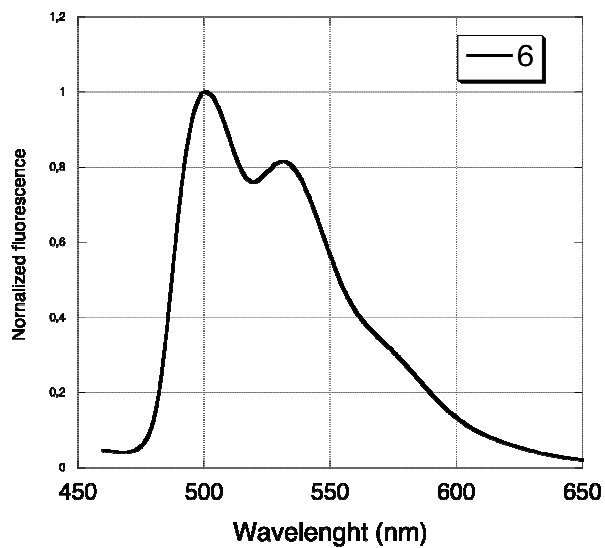
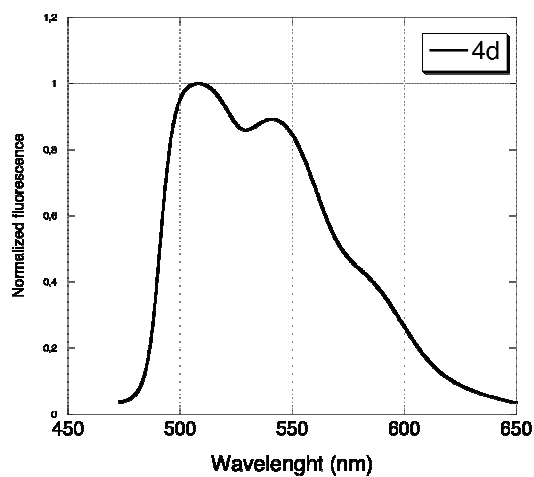
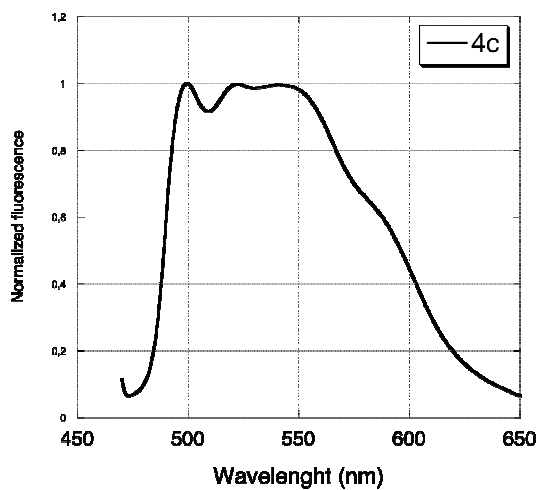
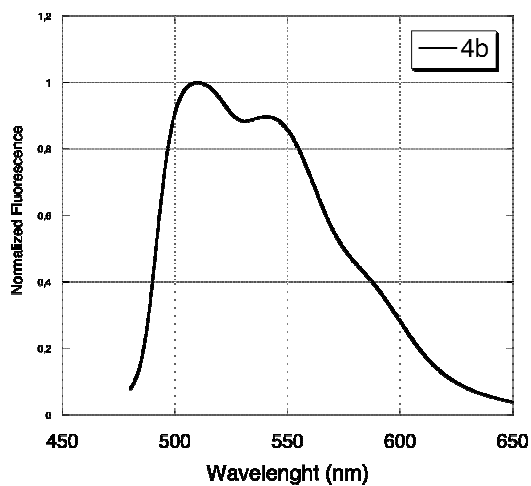
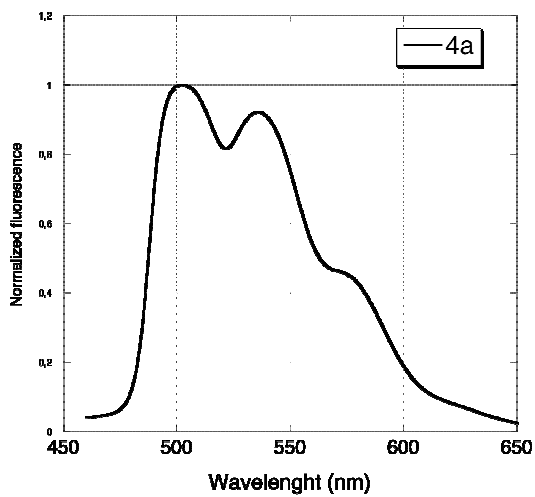
Michel Chiarucci,[‡] Luciano Miozzo,^{†,§} Matteo Parravicini[†],

1) Normalized absorption spectra of compounds **3a**, **4a-e**, and **6** (solutions in CH₂Cl₂, 10⁻⁵ M).



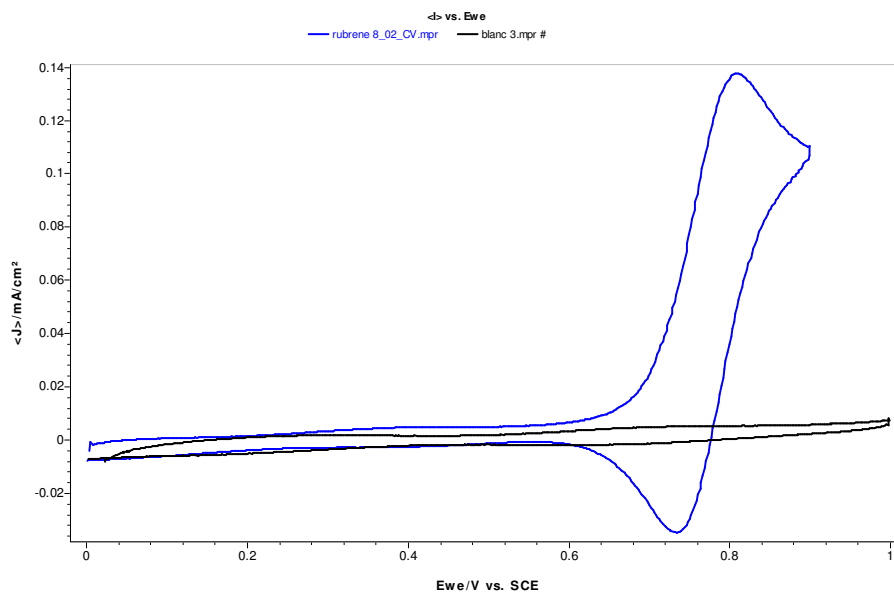


2) Normalized fluorescence spectra of compounds **4a-d** and **6** (solutions in CH_2Cl_2 , 10^{-5} M)

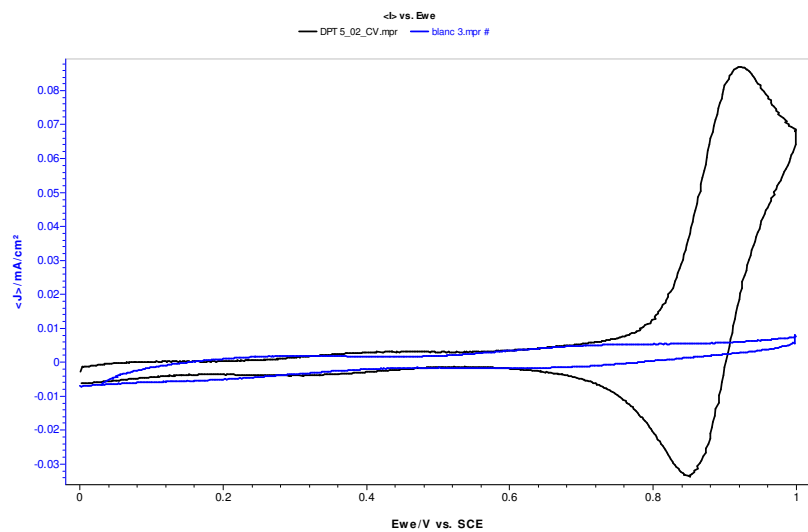


3) Cyclic voltammety curves for compounds **3a**, **4a-e**, **6** and rubrene at $5 \cdot 10^{-4}$ M in CH_2Cl_2 containing 10^{-1} M tetrabutylammonium hexafluorophosphate electrolyte salt. The rubrene CV curve is given for comparison purpose.

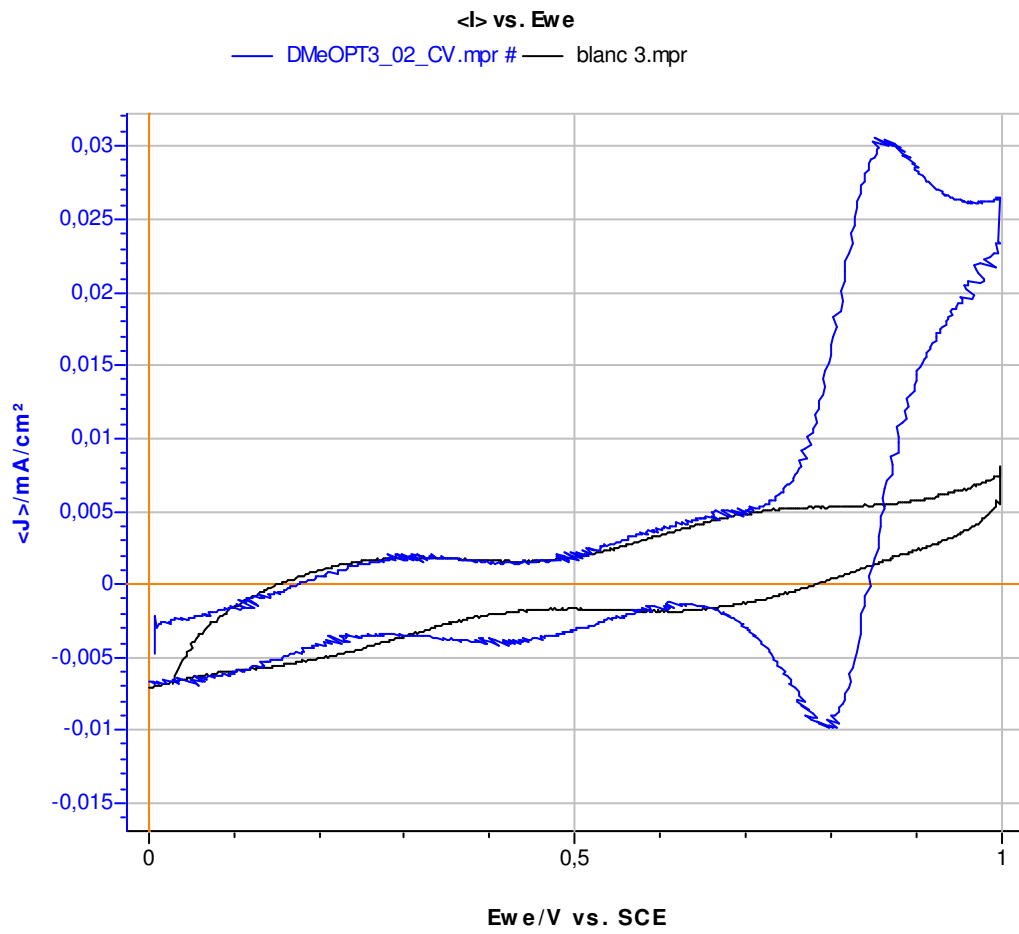
Rubrene



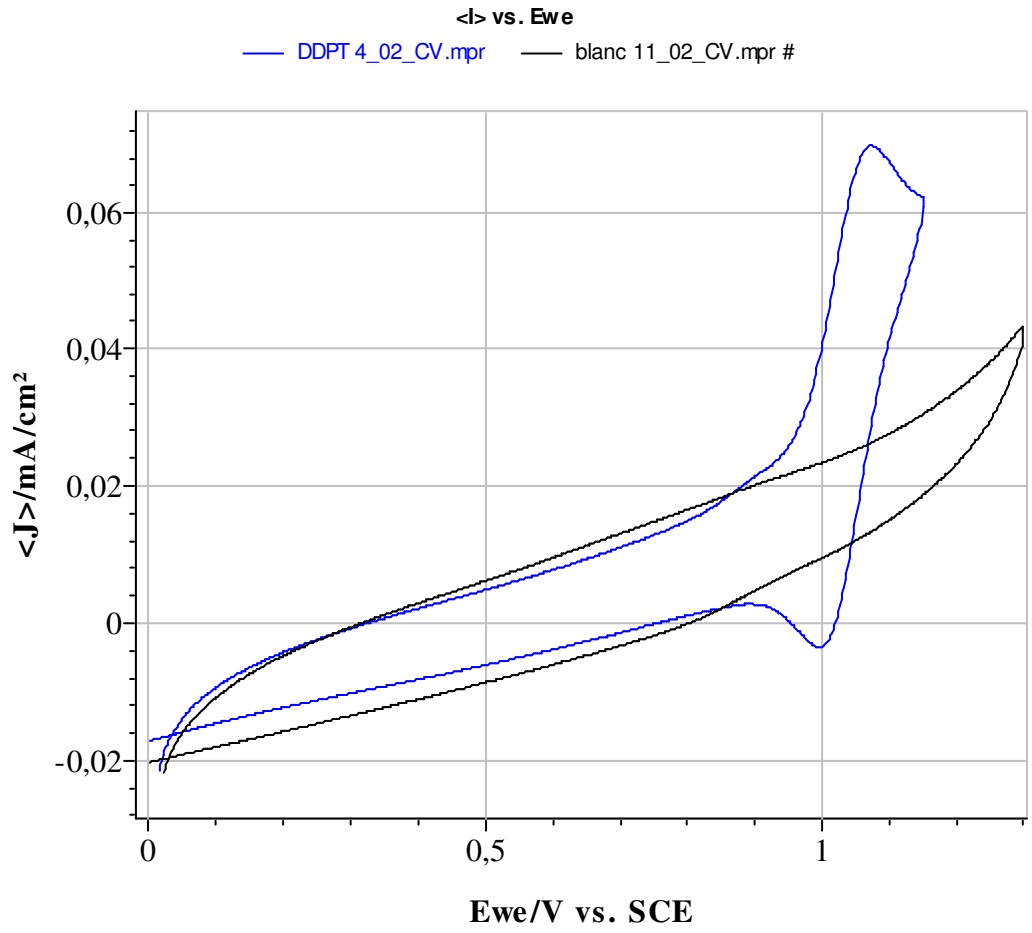
Diphenyl-tetracene (4a)



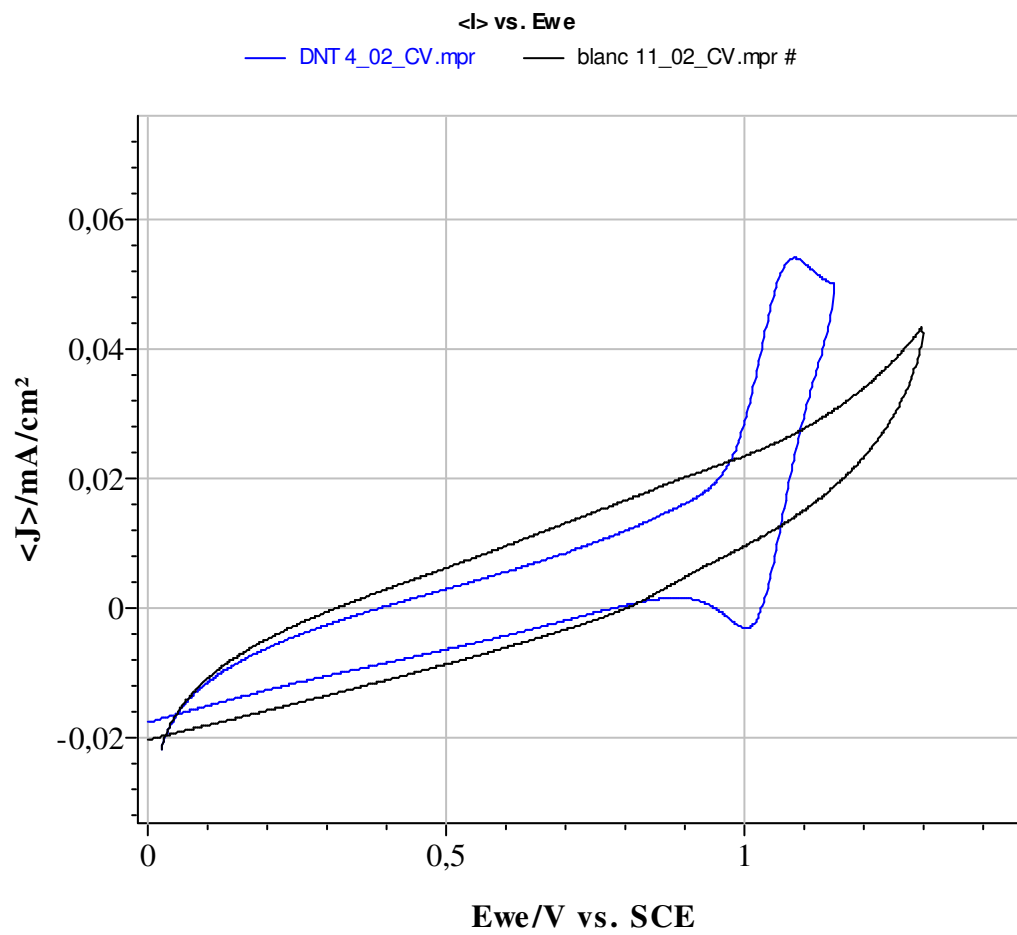
Dimethoxyphenyl-tetracene (4b)



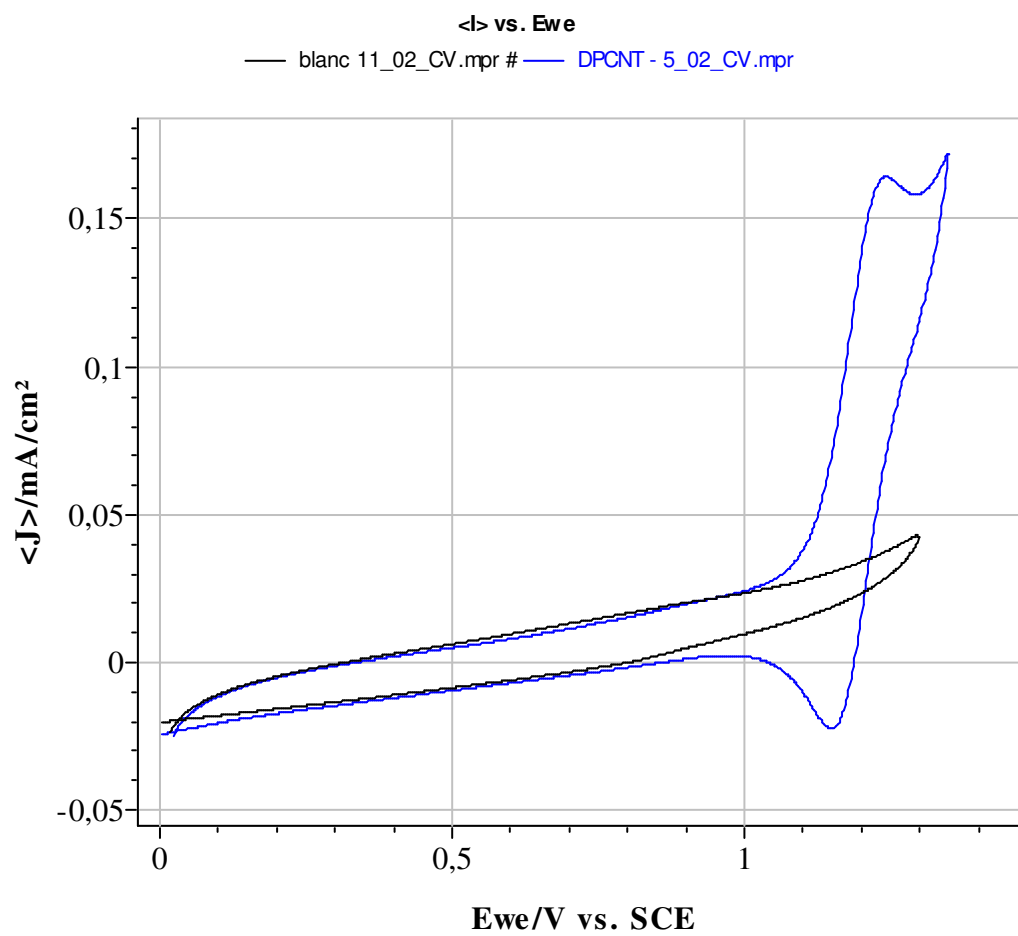
Di(diphenyl)tetracene (**4c**)



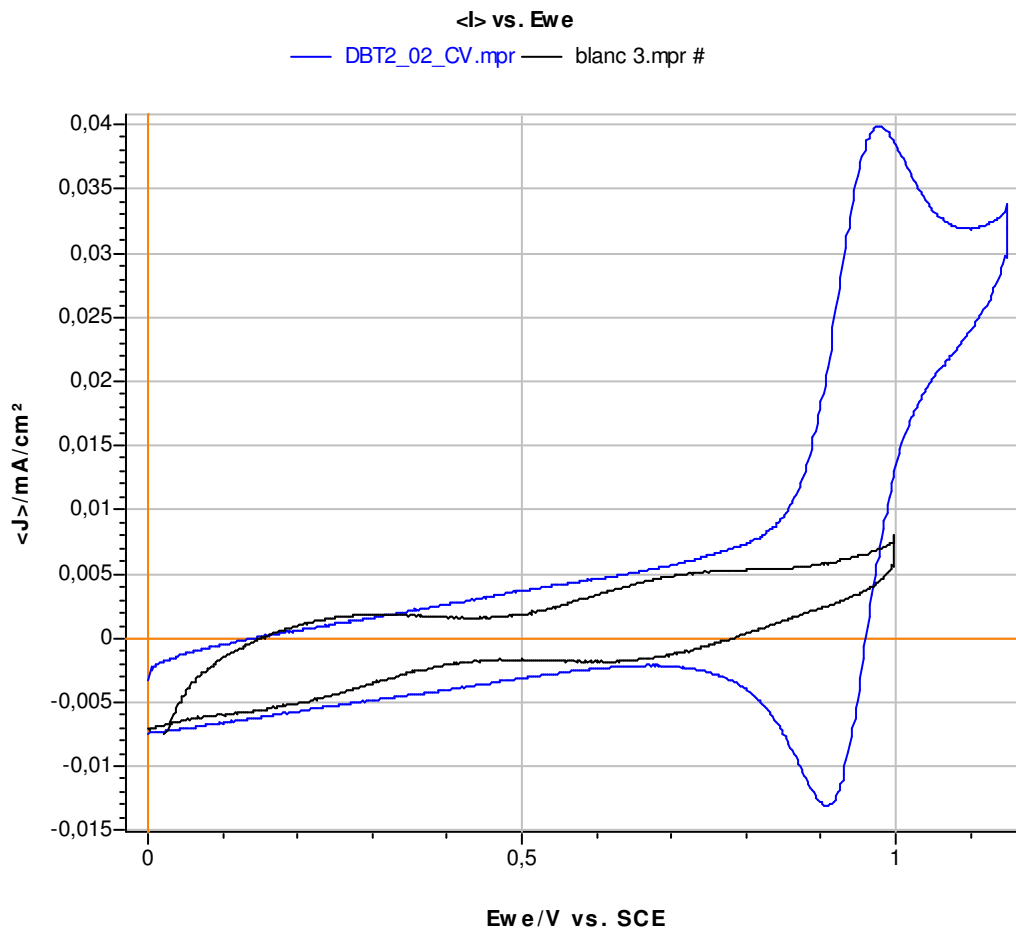
Dinaphthyl-tetracene (**4d**)

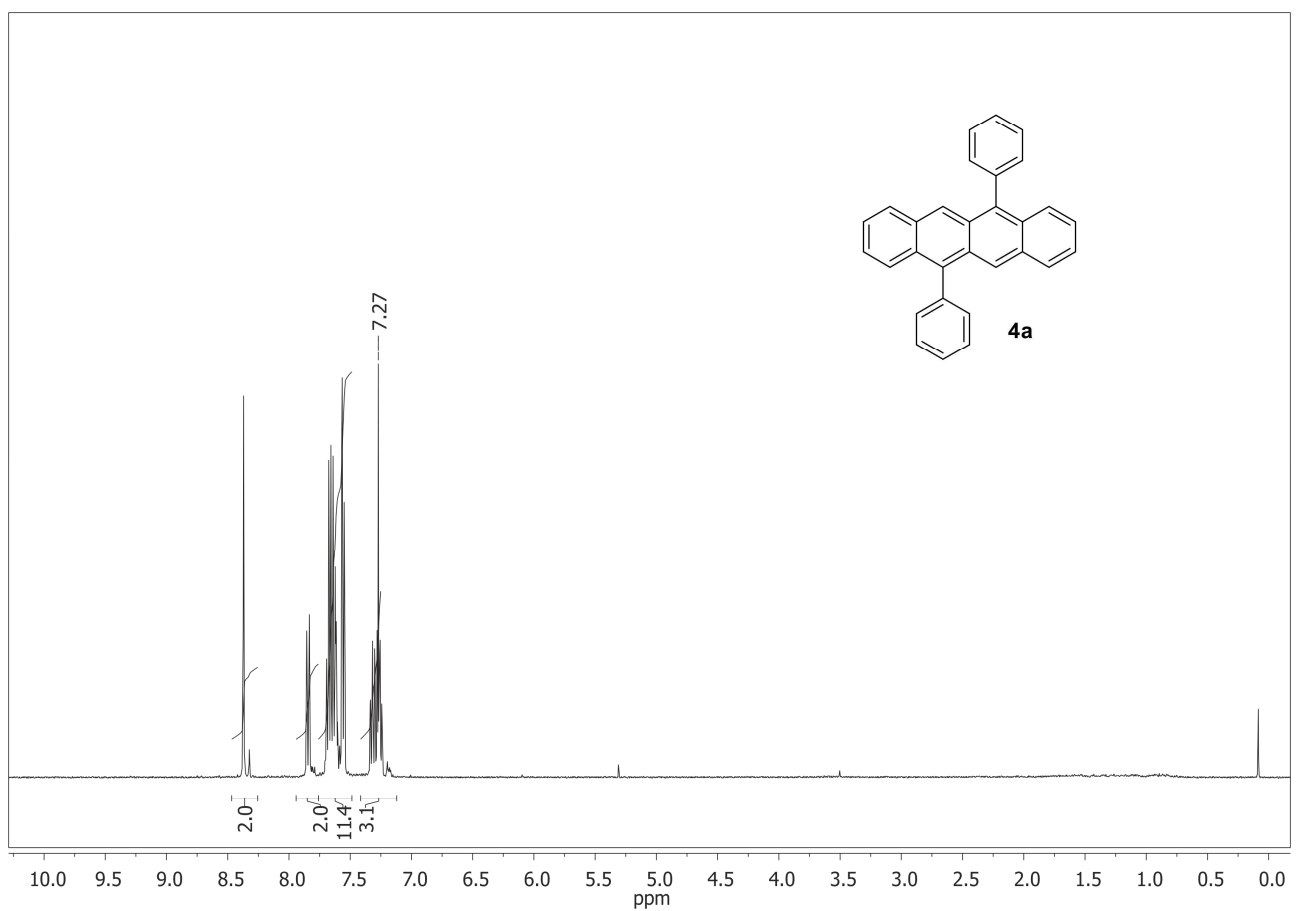
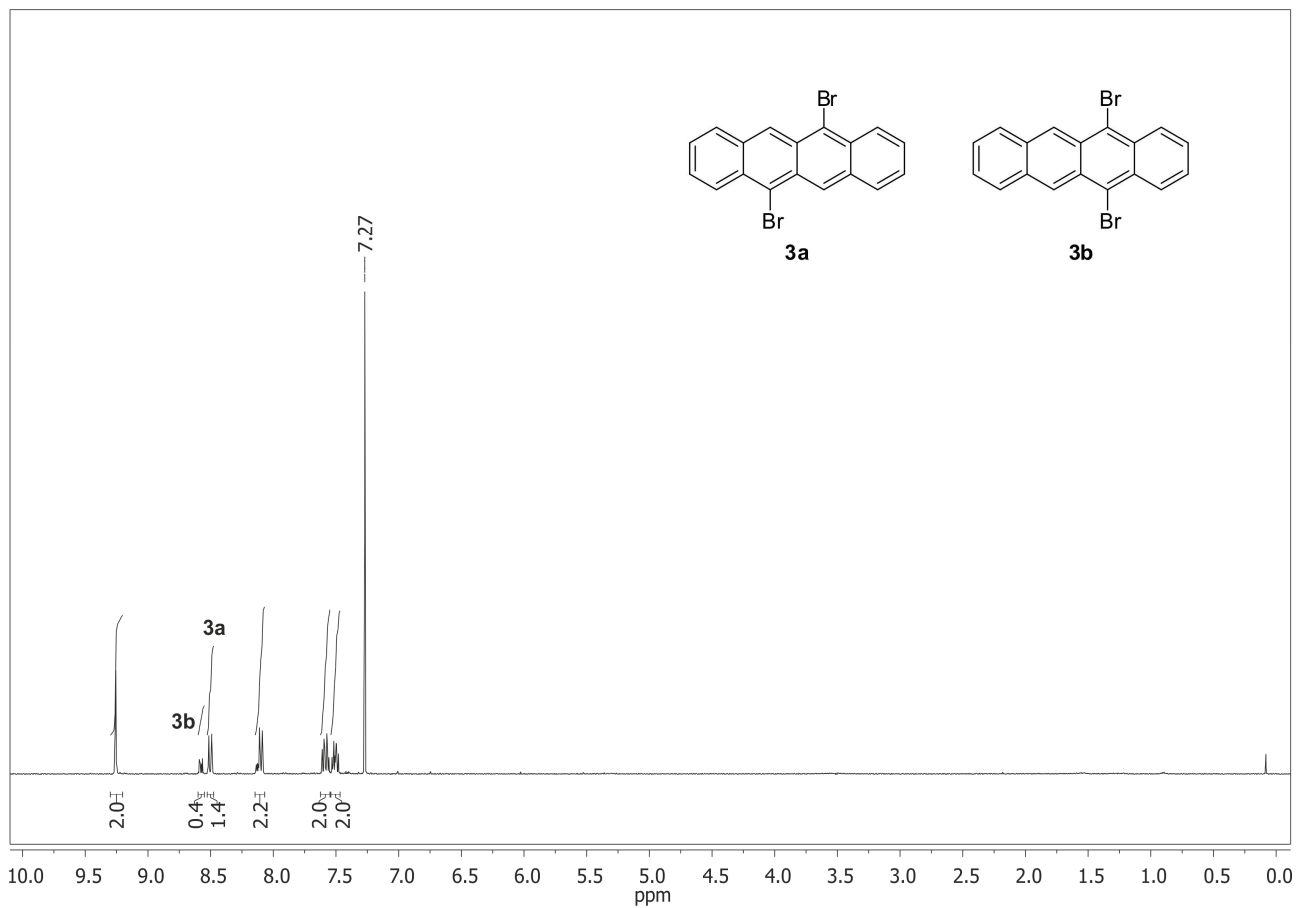


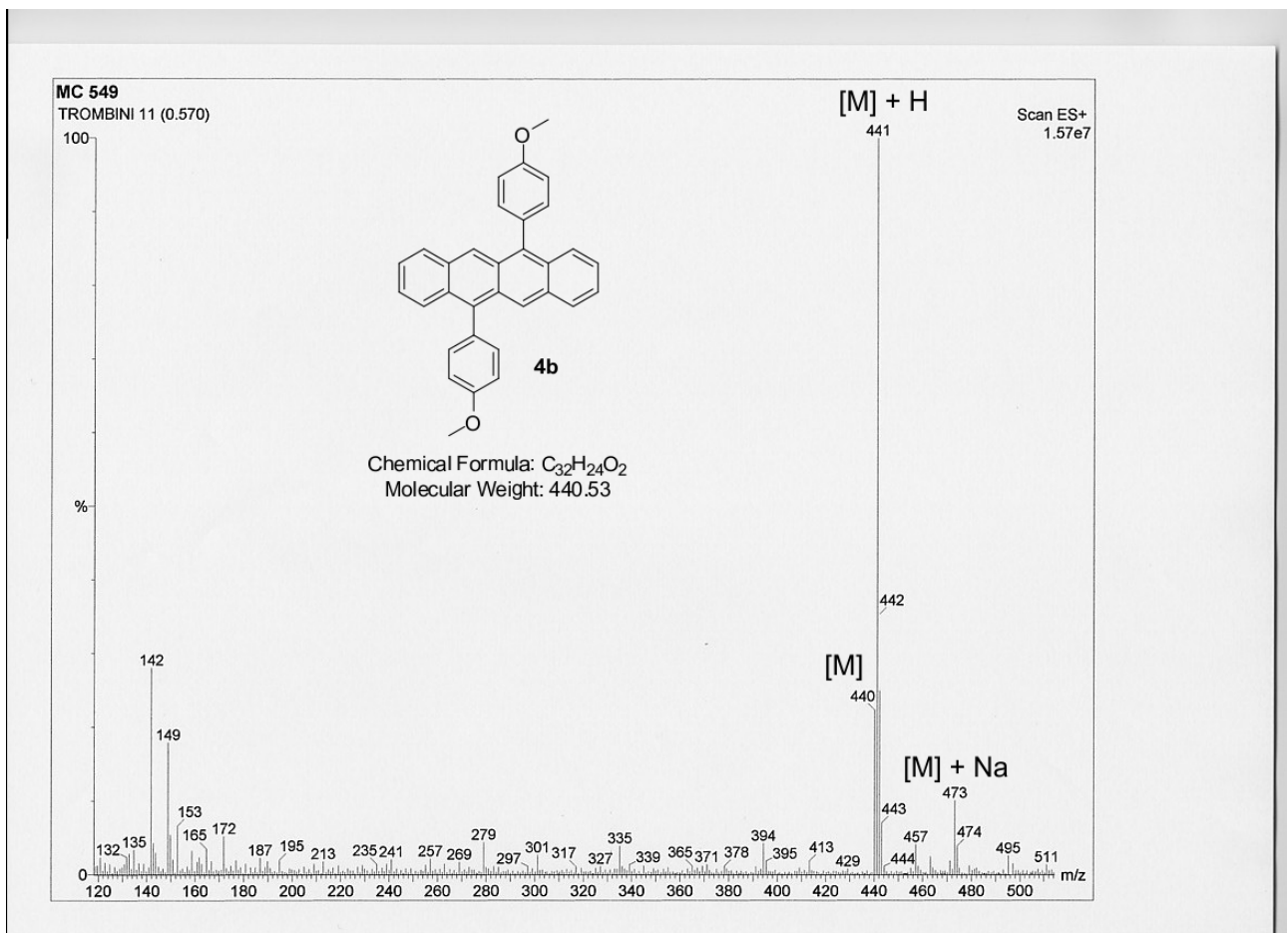
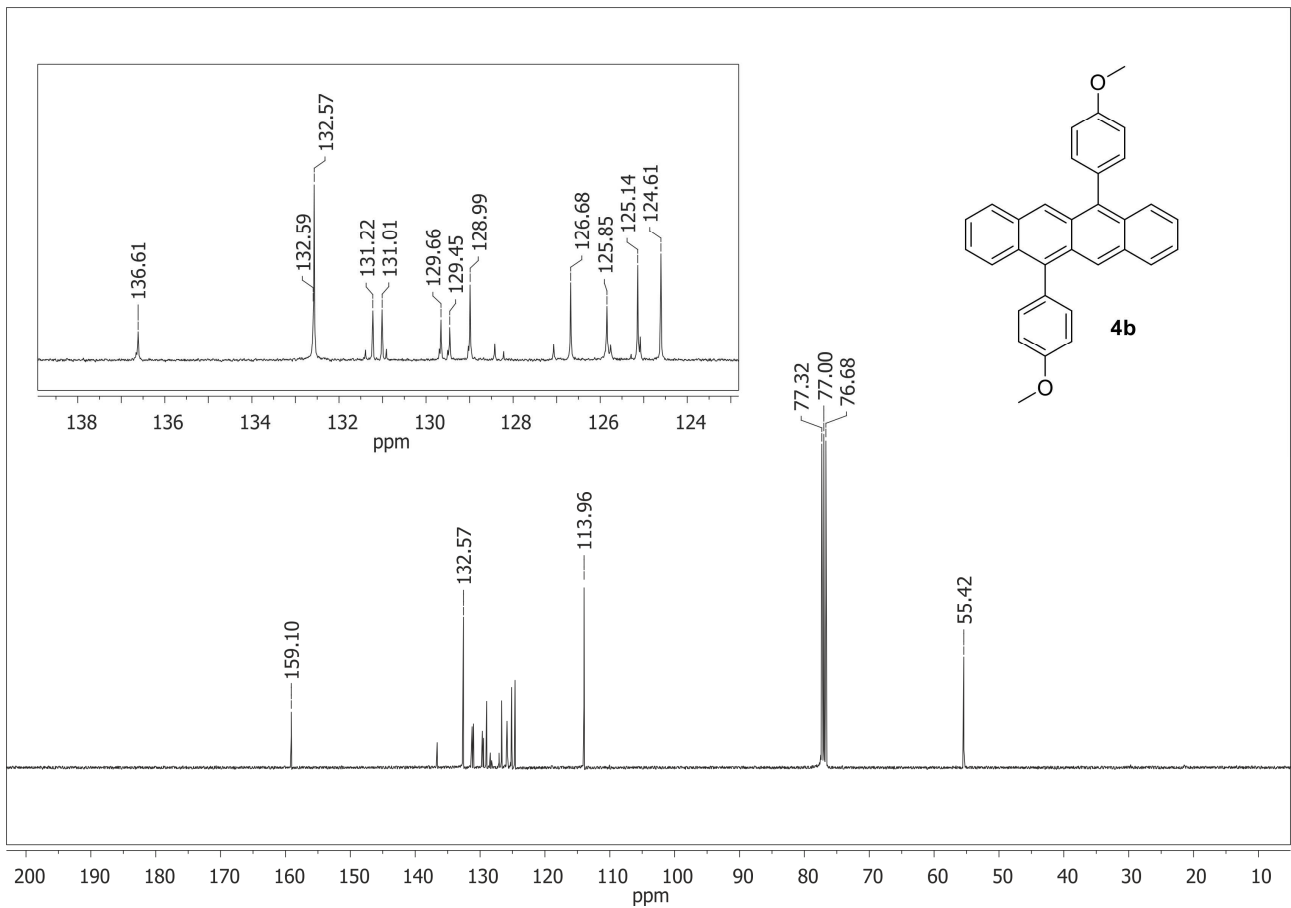
Di(4-ciano-phenyl)tetracene (4e)

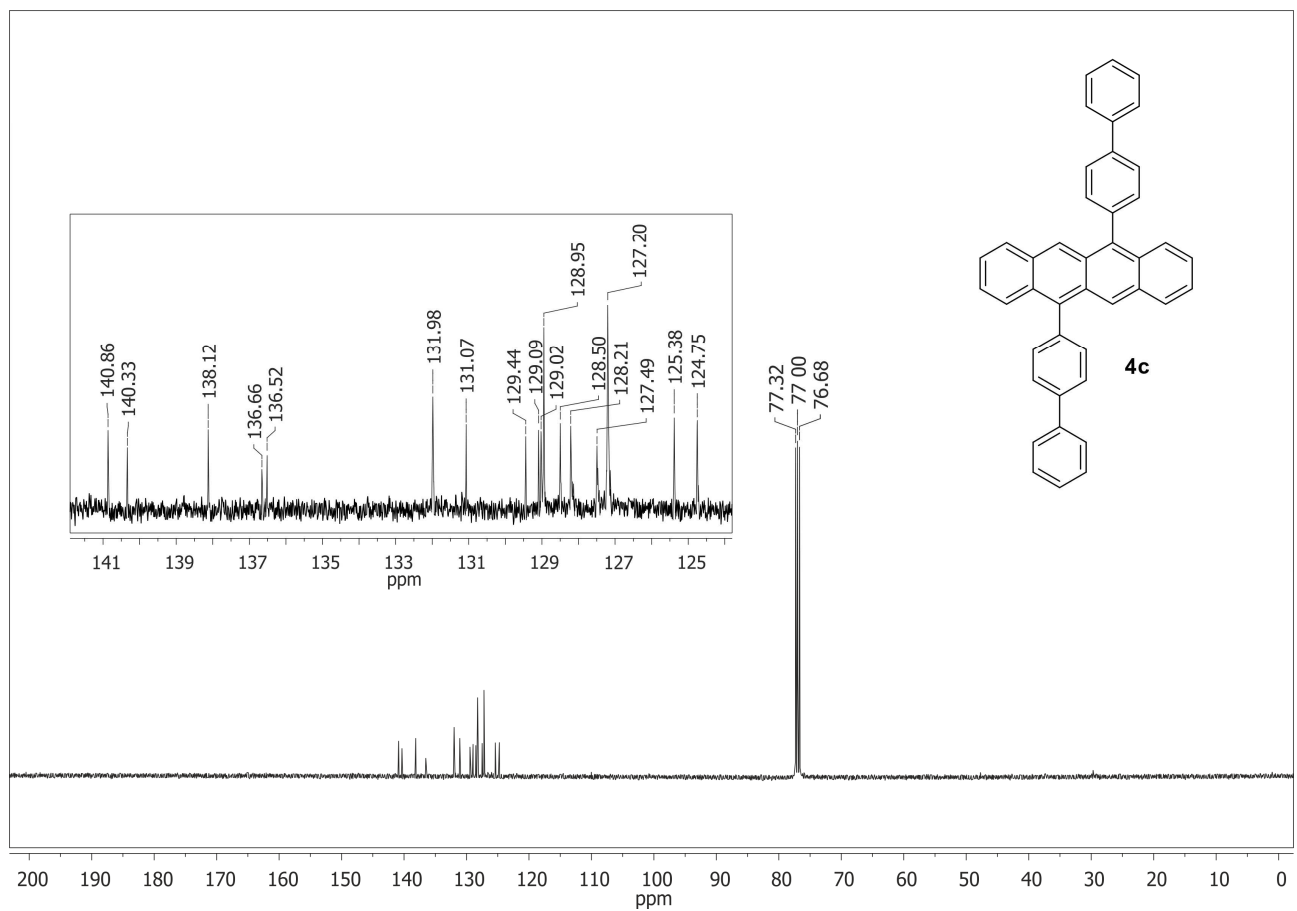
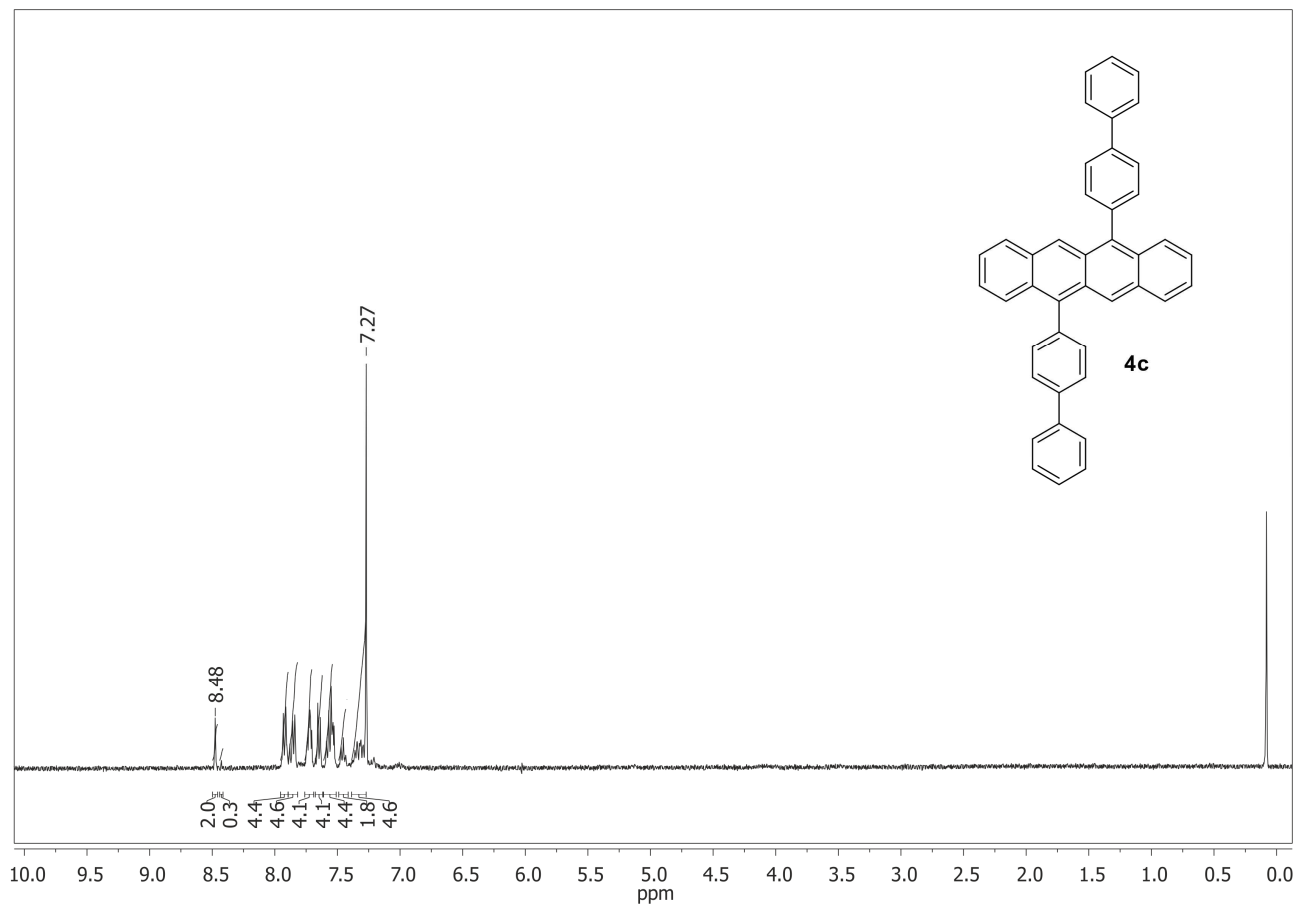


Diboronic-ester-tetracene (6)

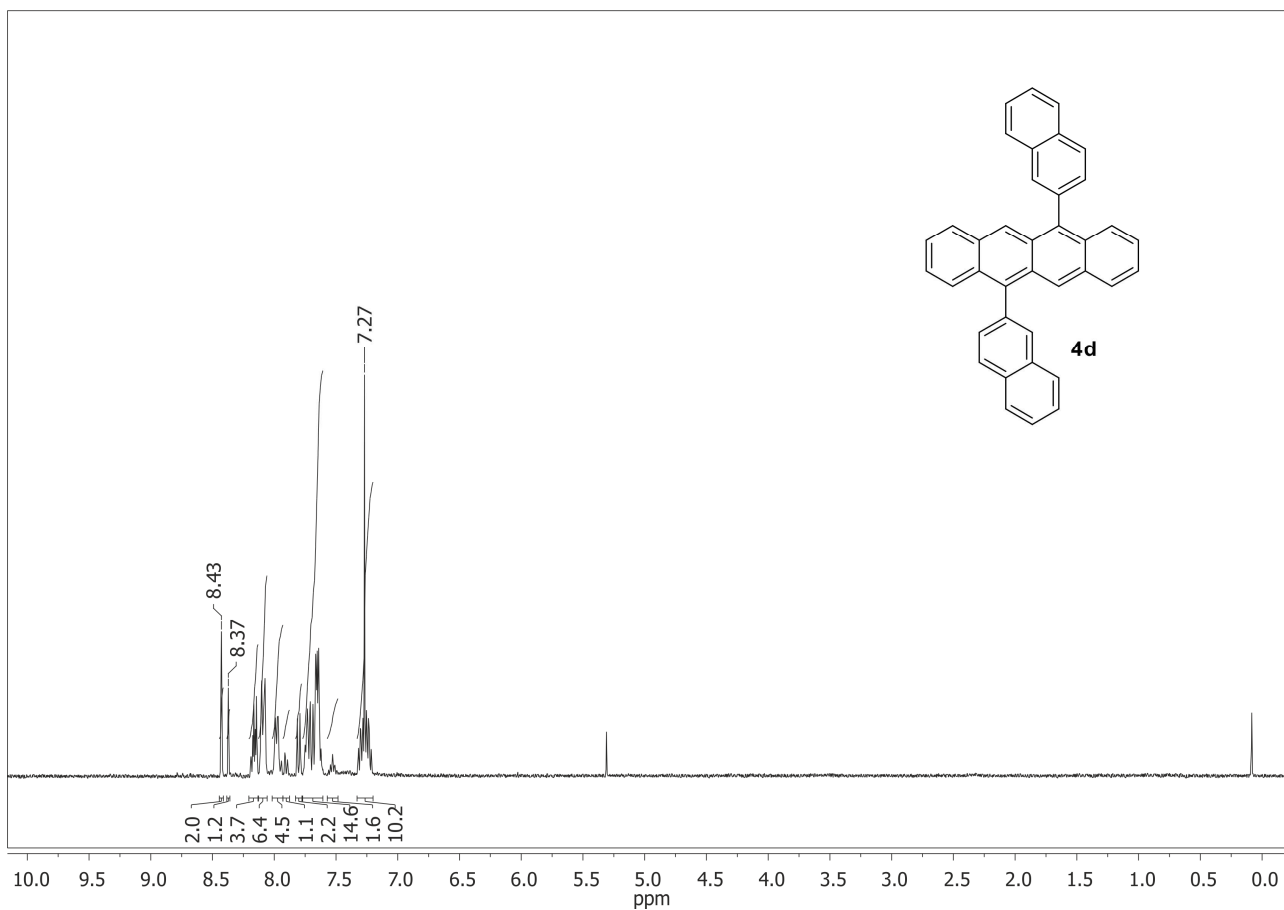
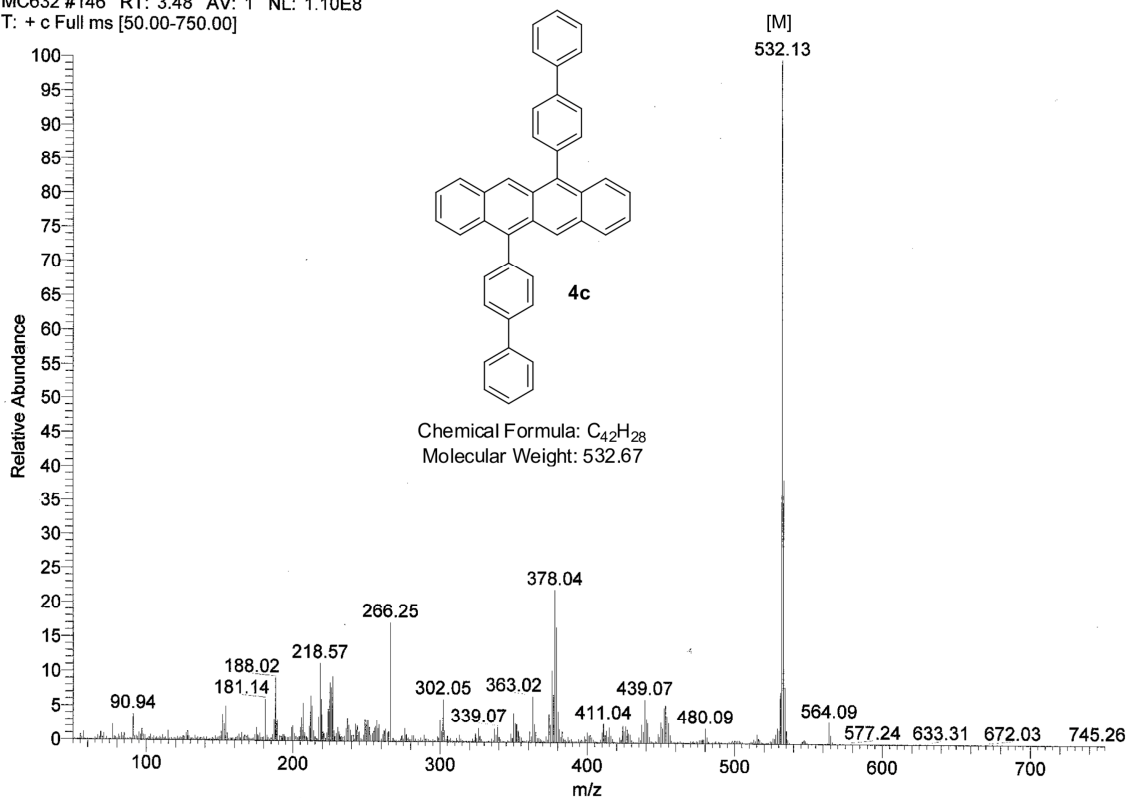


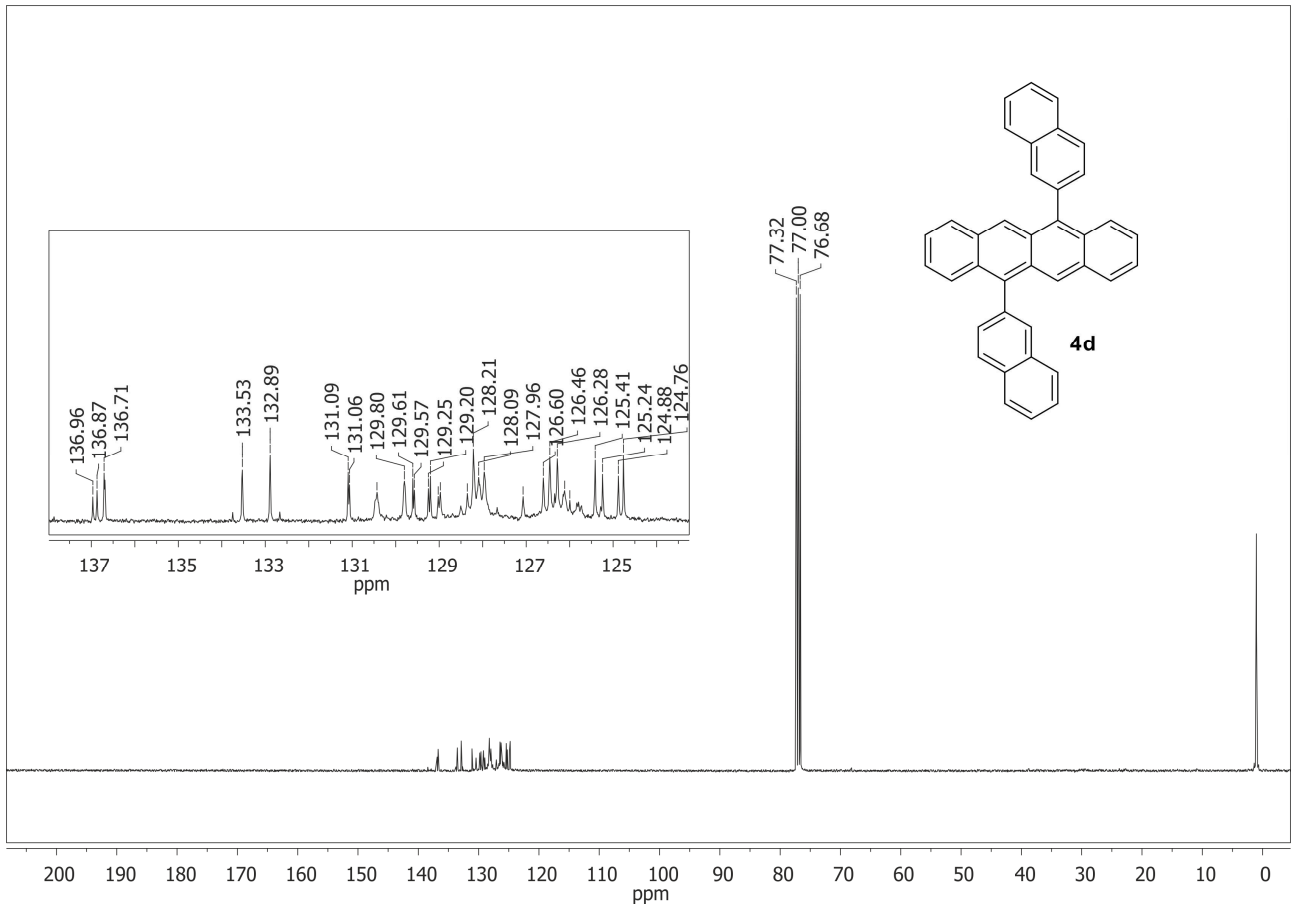






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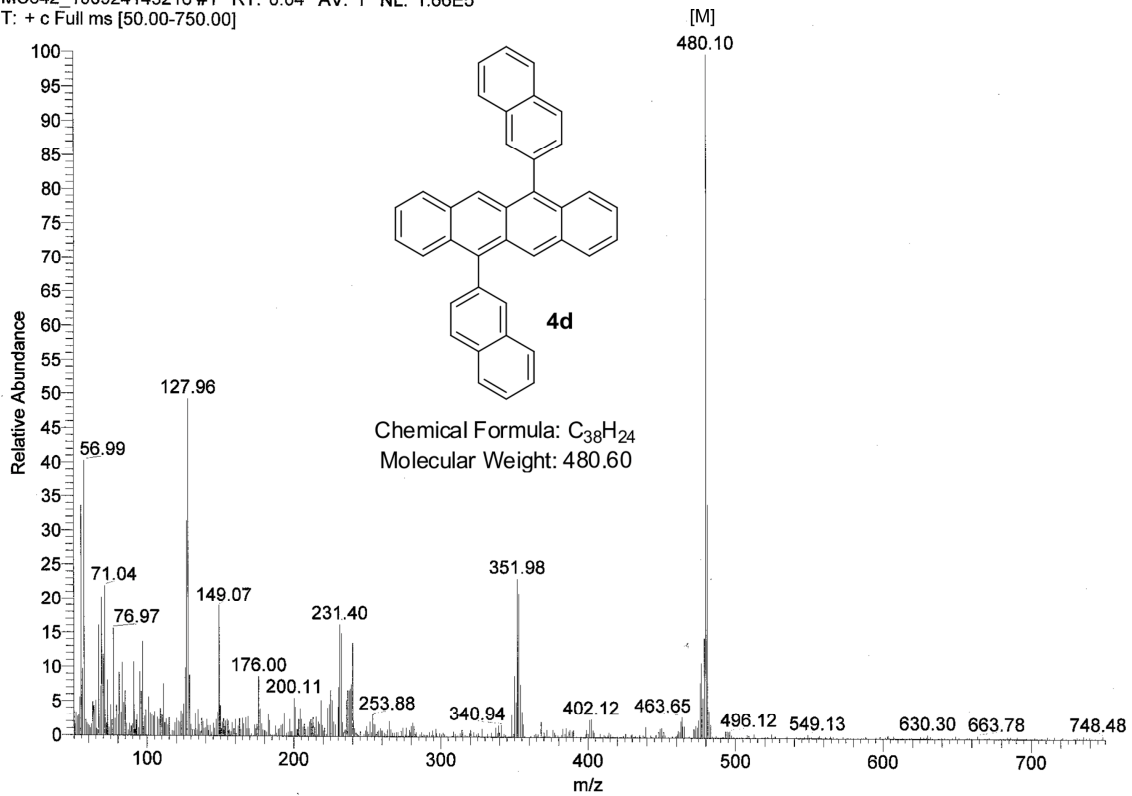


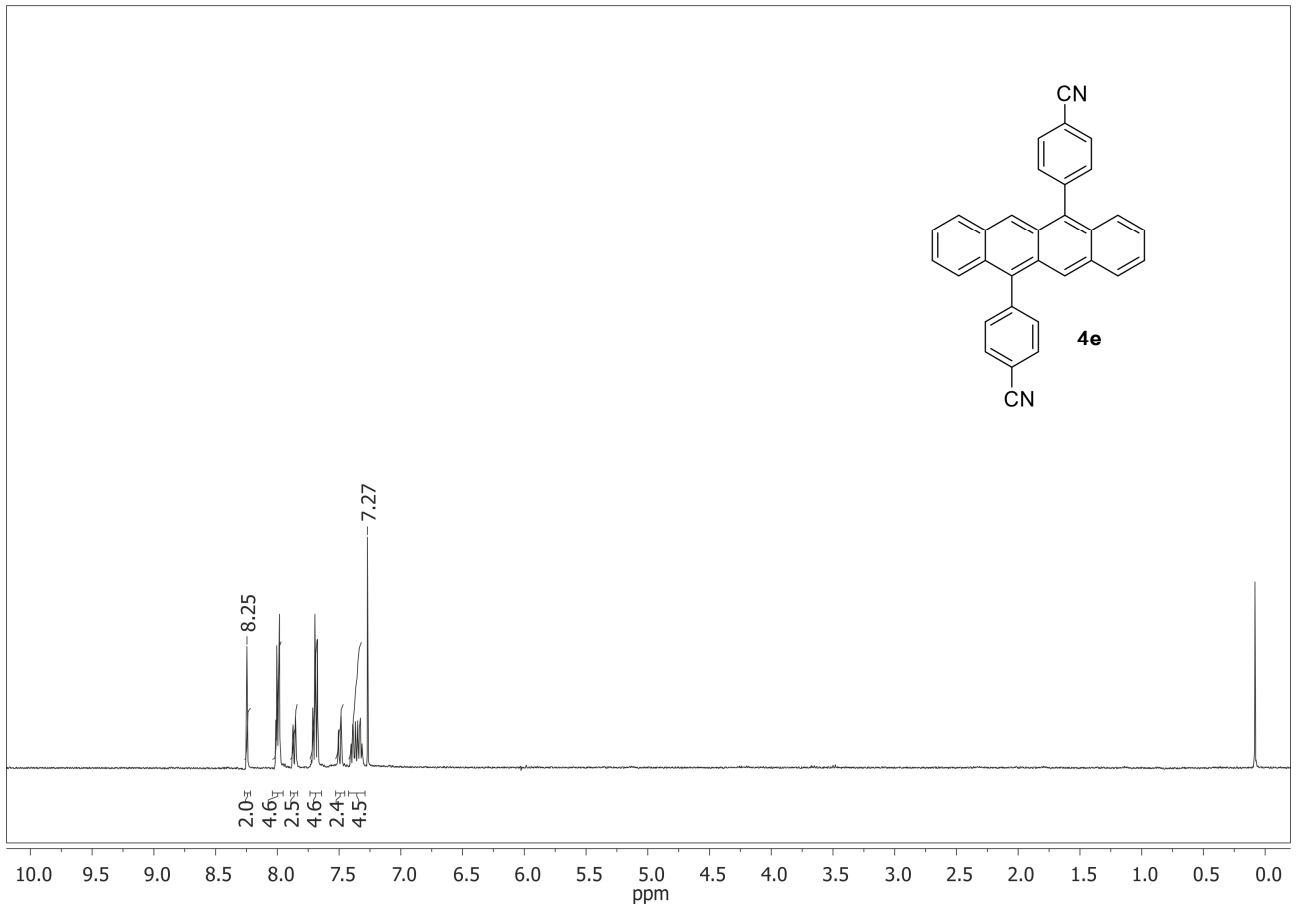


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9/24/2010 2:32:16 PM

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9/24/2010 2:51:52 PM

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