

Electronic supplementary information (ESI)

Mechanistic Studies on the Photodegradation of 2,5-Dialkyloxy Substituted *para*-Phenylene Vinylene Oligomers by Singlet Oxygen

Hugh D. Burrows, Oliver Narwark, Ralf Peetz, Emma Thorn-Csányi, Andrew P.
Monkman, Ian Hamblett and Suppiah Navaratnam

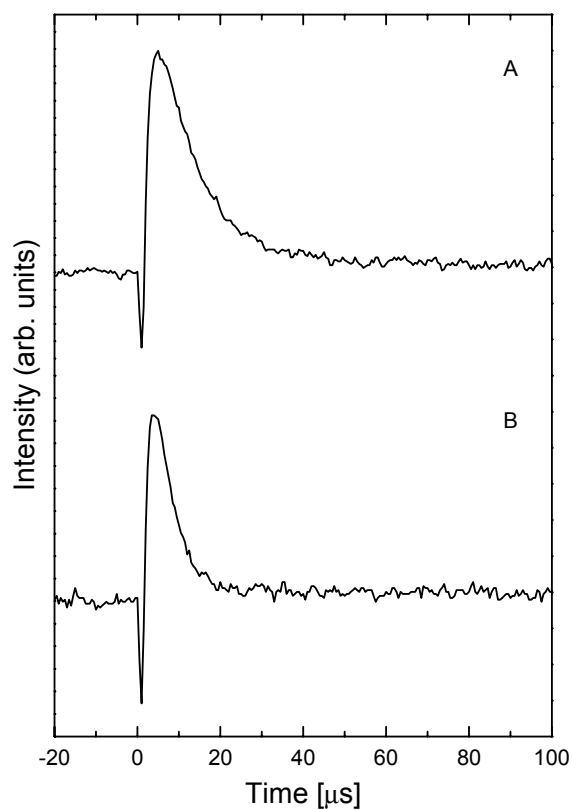


Figure S1. Decay of transient absorption of DHepODVB-dimer triplet state at 500 nm following pulse radiolysis of solutions (3mg/l) in toluene in the presence of biphenyl (10 mM): (a) argon saturated; (b) in the presence of 35 μ M oxygen.

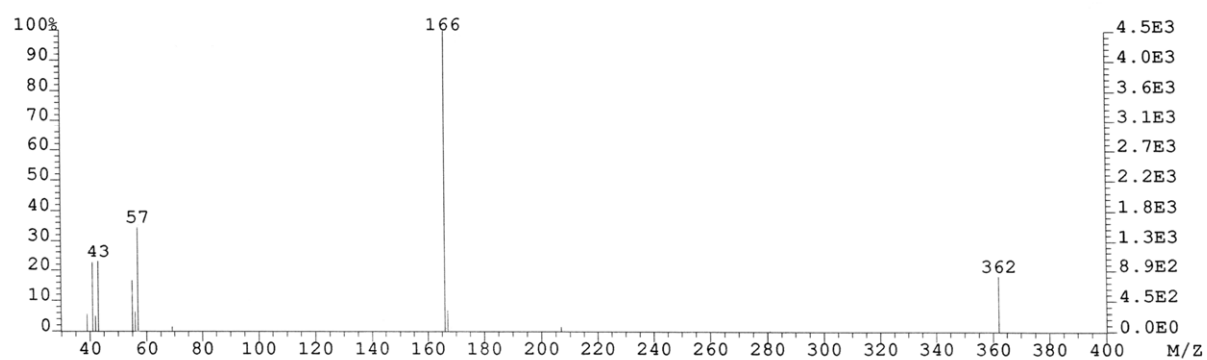


Figure S2. Mass spectrum of the photolysis product 2,5-diheptyloxy-terephthalaldehyde.