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| Sommario/riassunto | The photoinduced dynamics of radical precursors in solution were investigated by means of femtosecond transient absorption spectroscopy assisted by quantum chemical calculations. The investigated systems show a wide range of excited state lifetimes ranging from tens of femtoseconds to nanoseconds. Thus, in the first case, on the investigated time scale the dynamics of the generated radicals can be additionally investigated. In the latter case only the excited singlet lifetime is observable. |