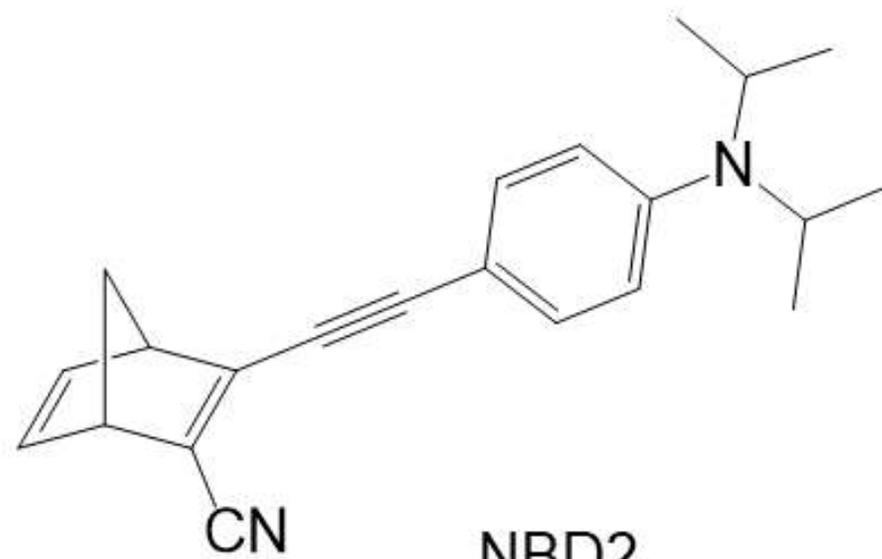
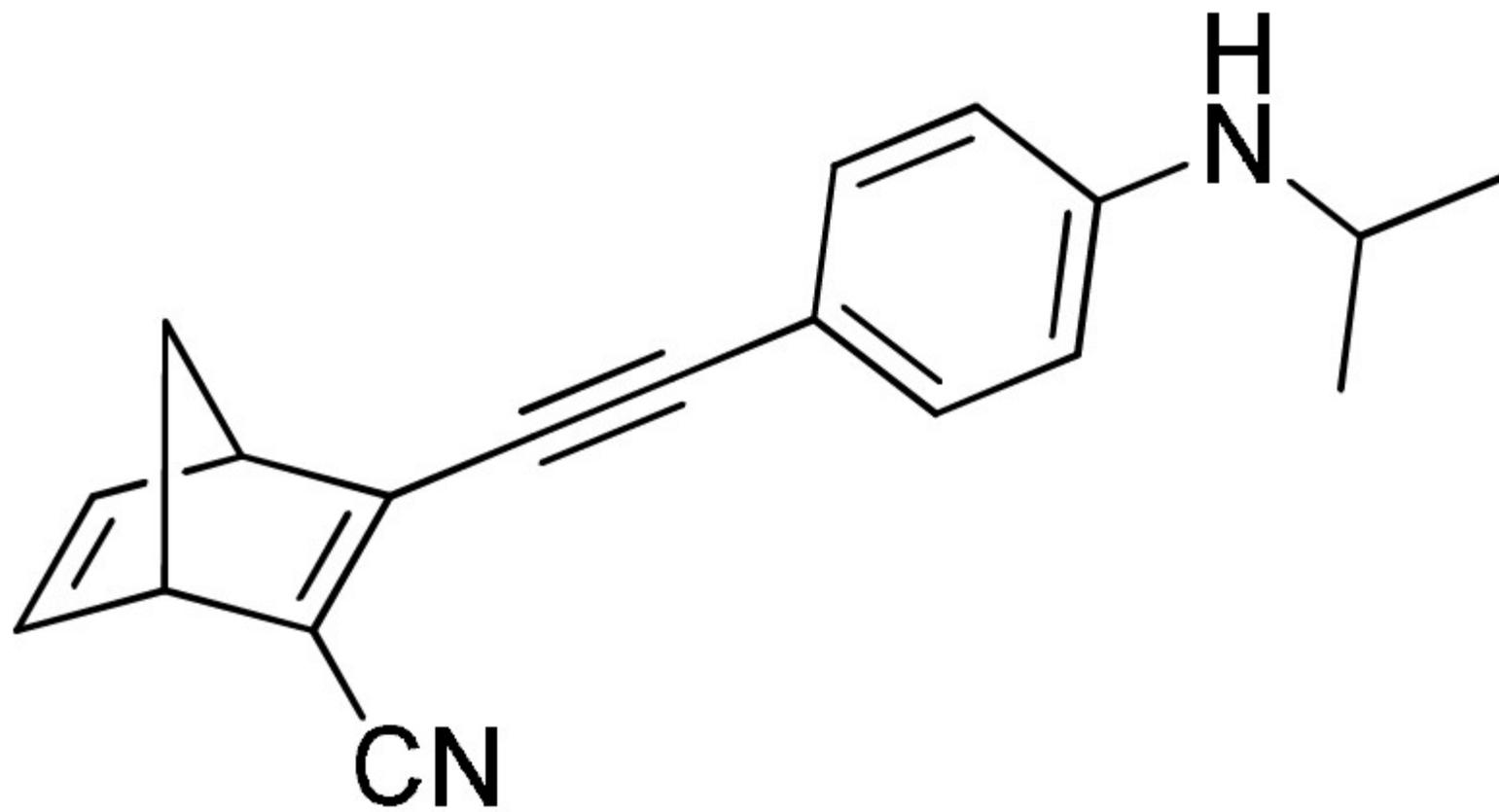
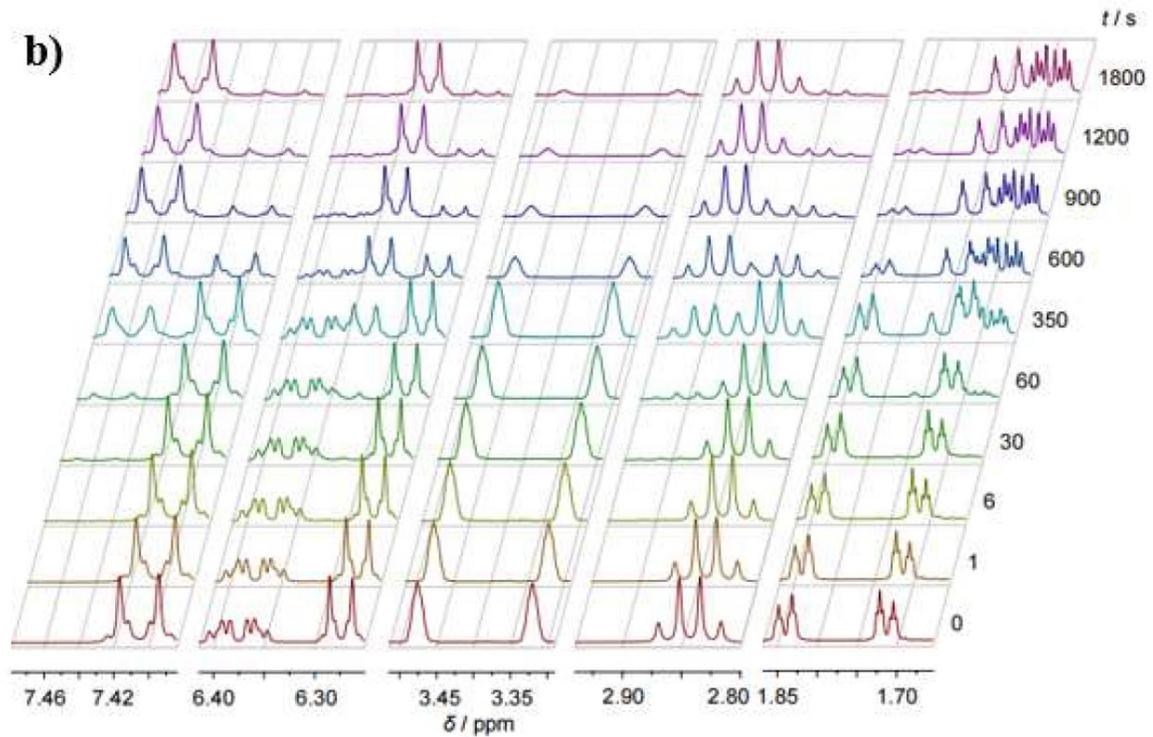
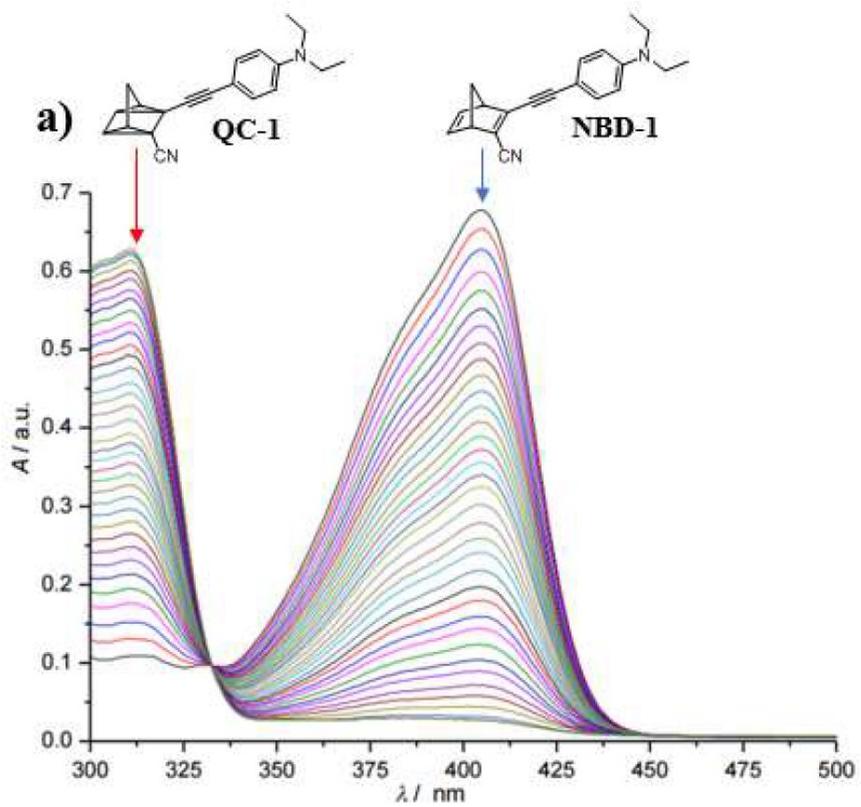


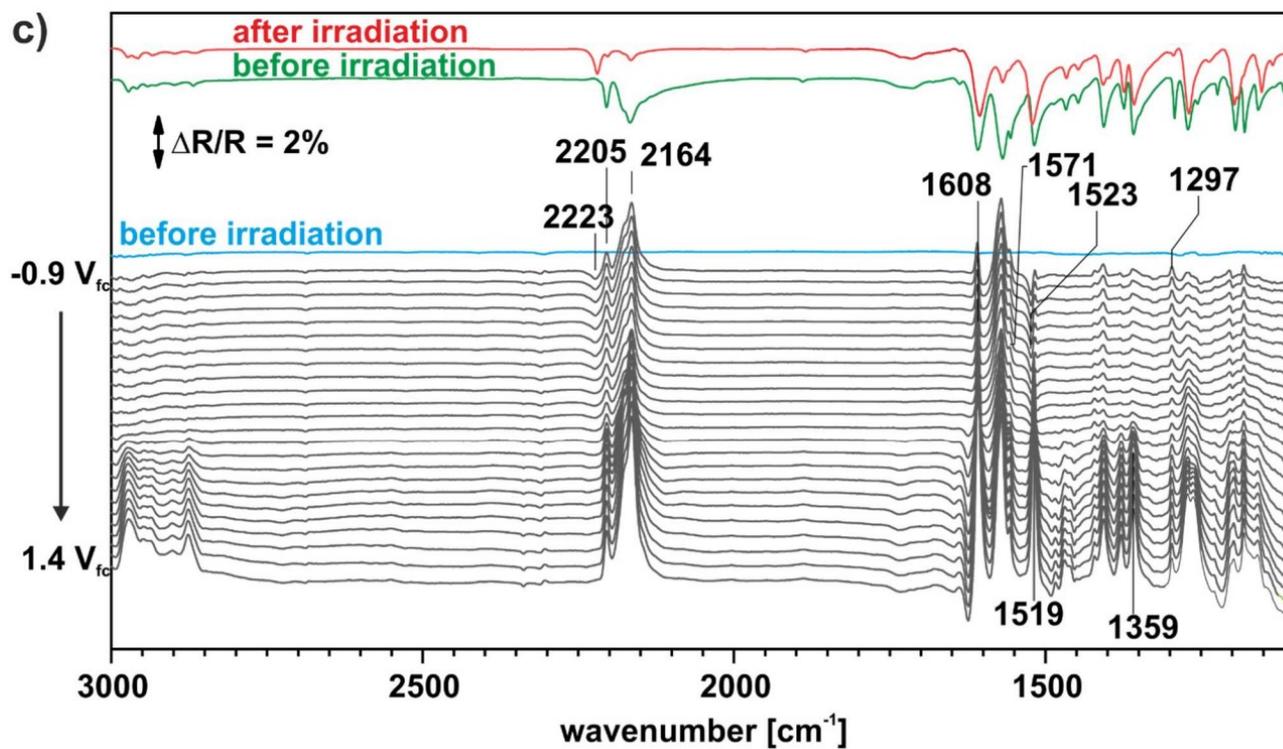
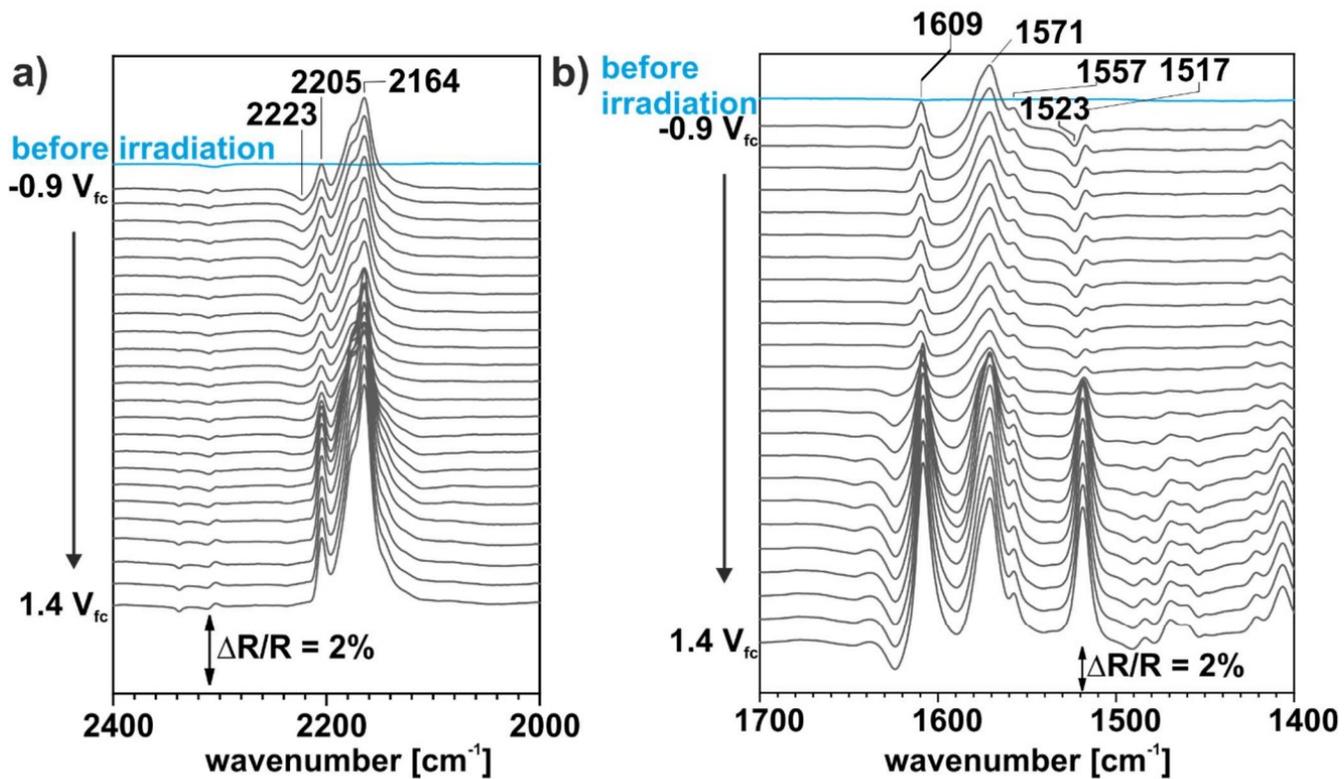
NBD1

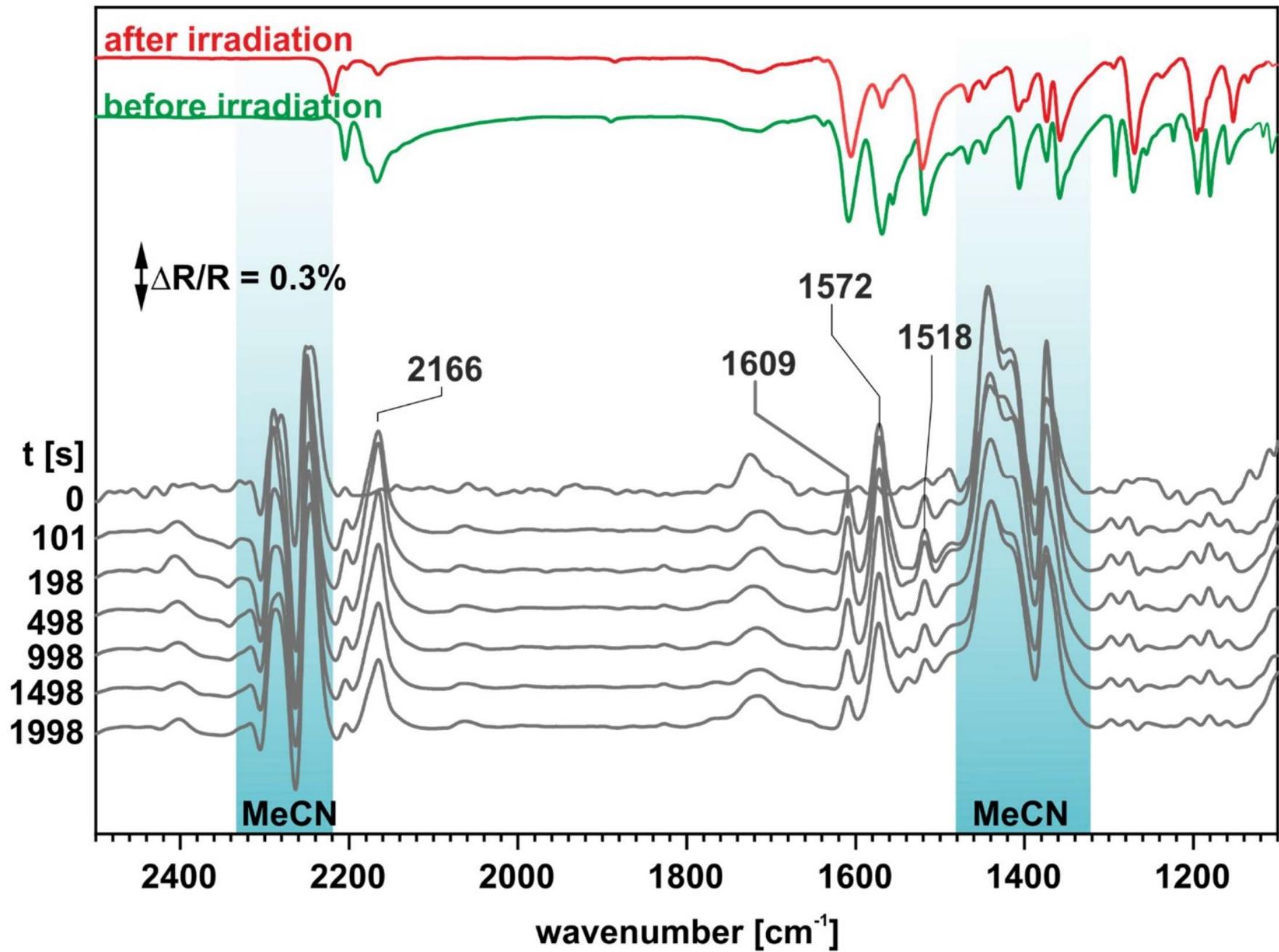


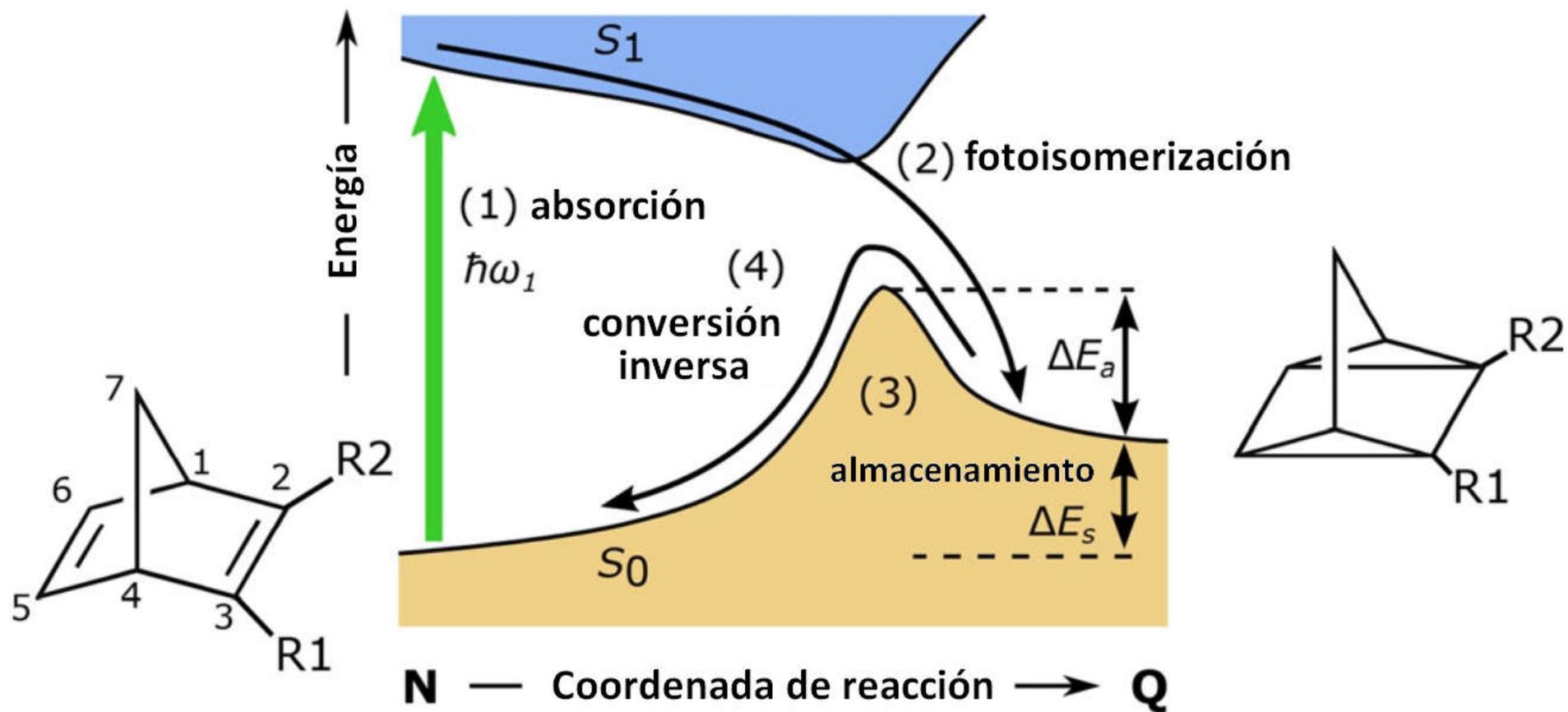
NBD2

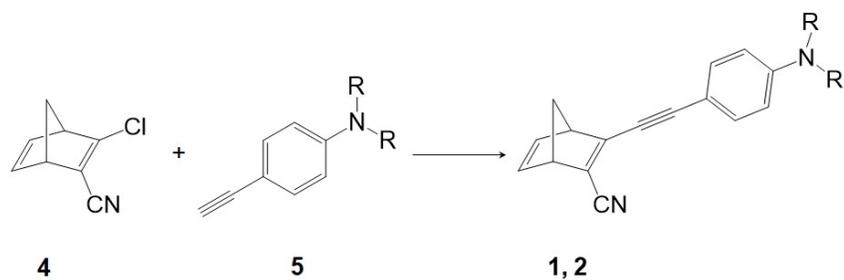




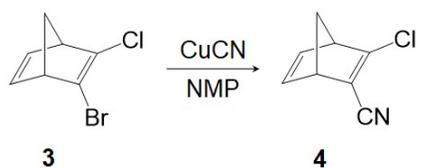






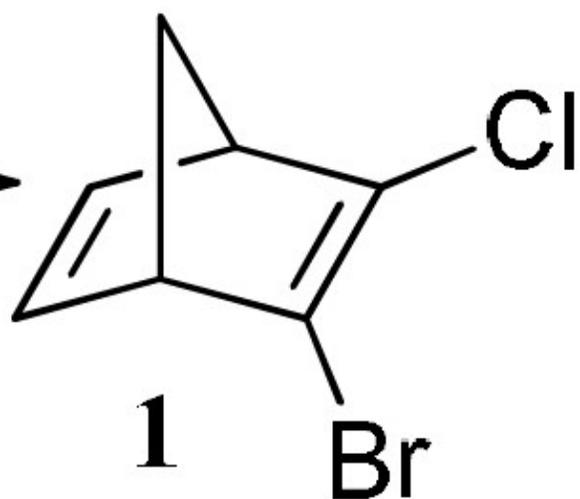


Esquema 2. Acoplamiento de Sonogashira propuesto para la obtención de los nuevos derivados del NBD (NBD1, R = Et; NBD2, R = *i*-Pr).

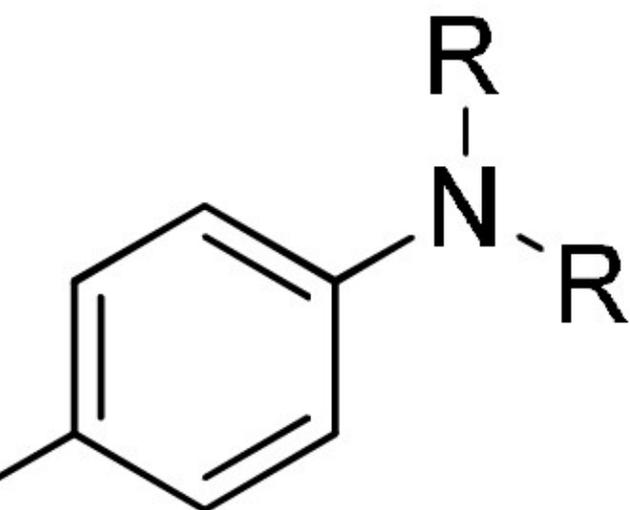


Esquema 3. Vía de síntesis de un paso reportada para la obtención del 2-ciano-3-cloronorbornadieno.

K, *n*-BuLi,
Cl, TsBr
THF



CuI, NaCN
NMP, 100 °C, 7 h



CuI, PdCl₂(PPh₃)₂

THF, NEt₃

R = Et o *i*-Pr

