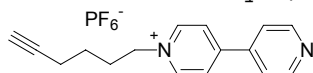


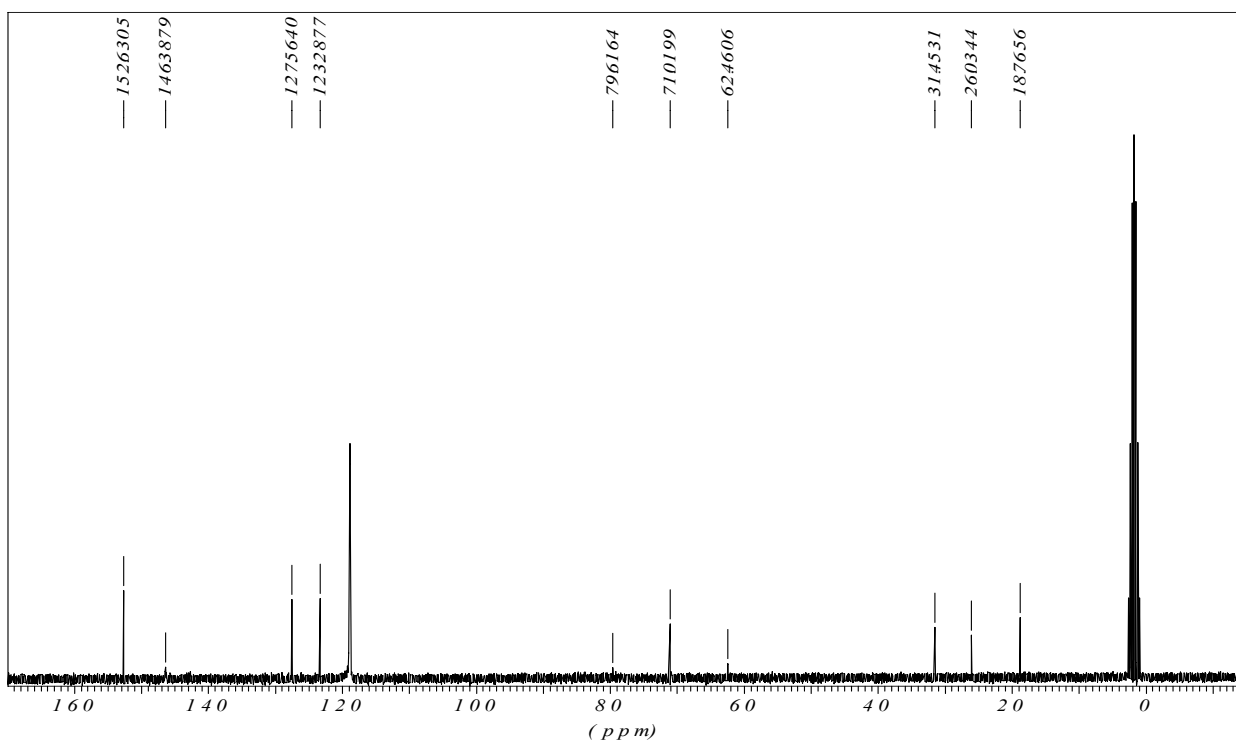
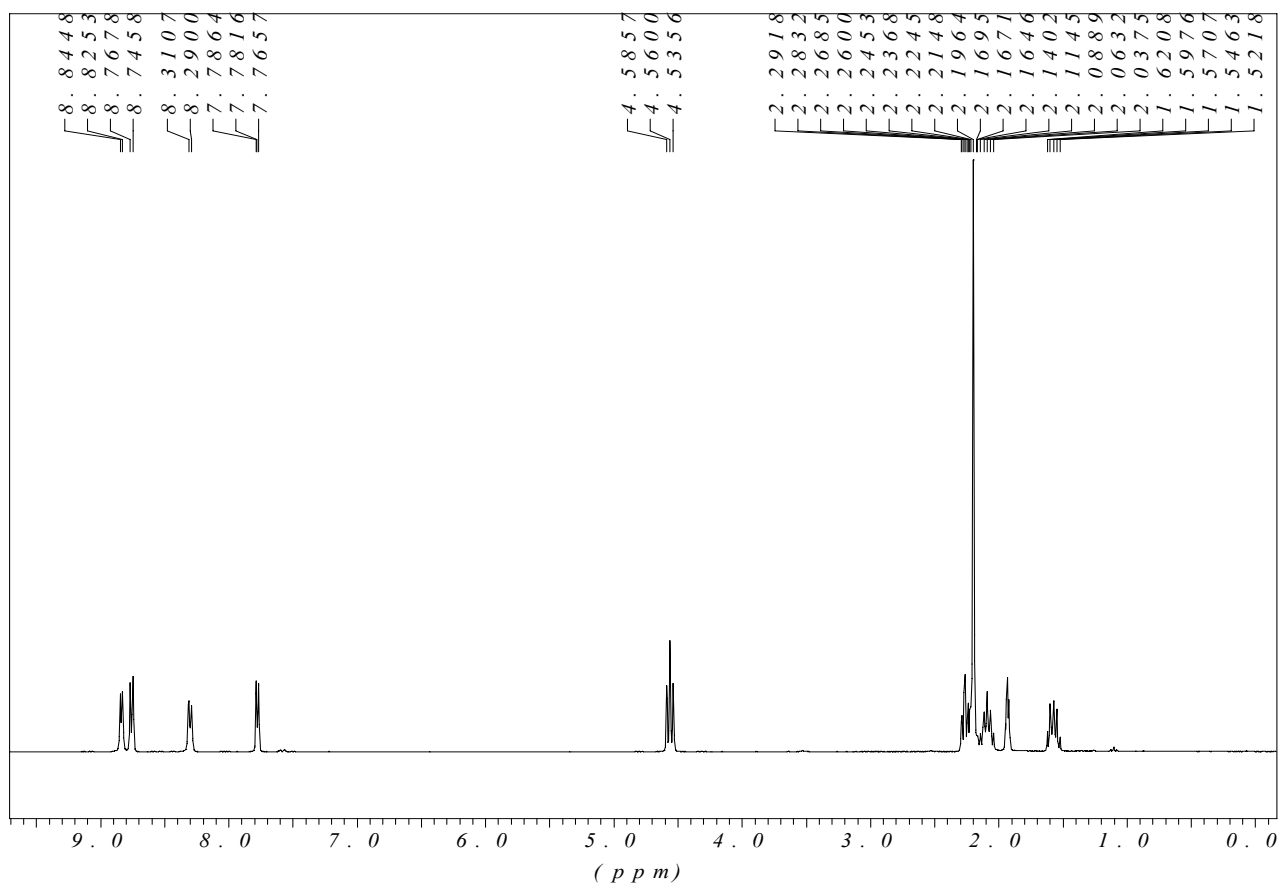
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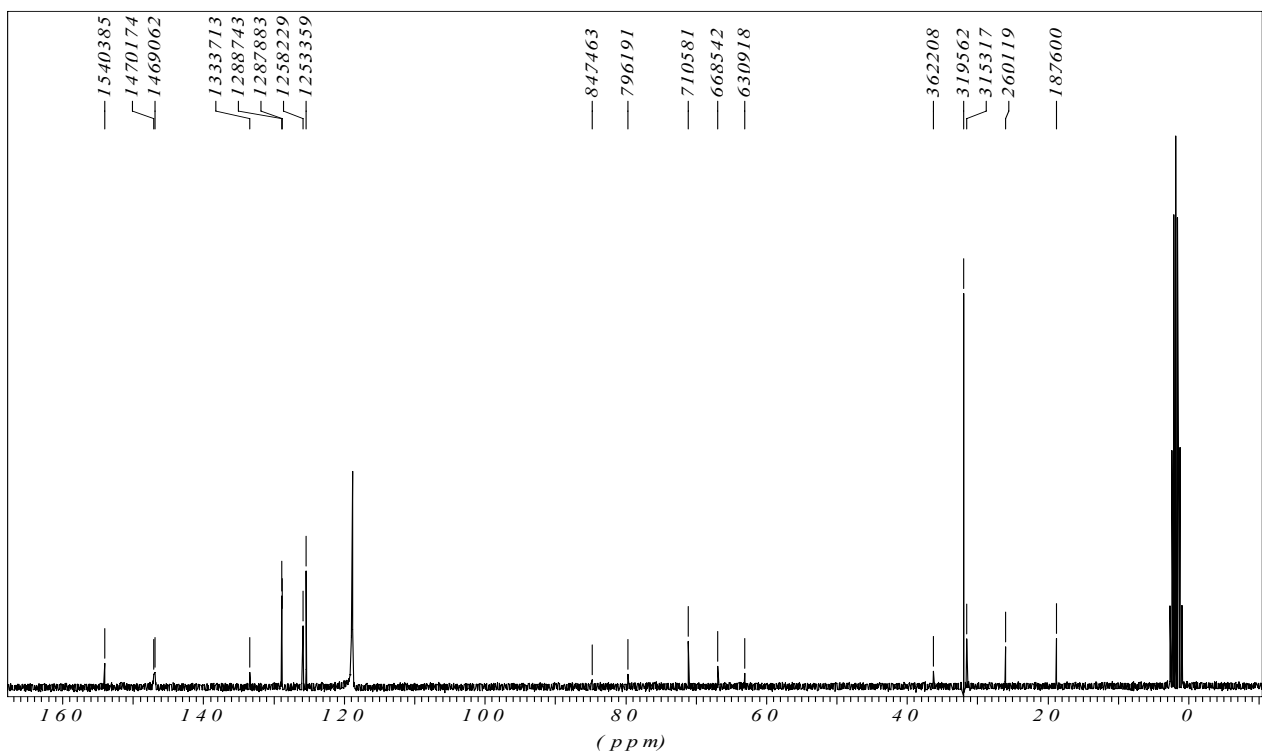
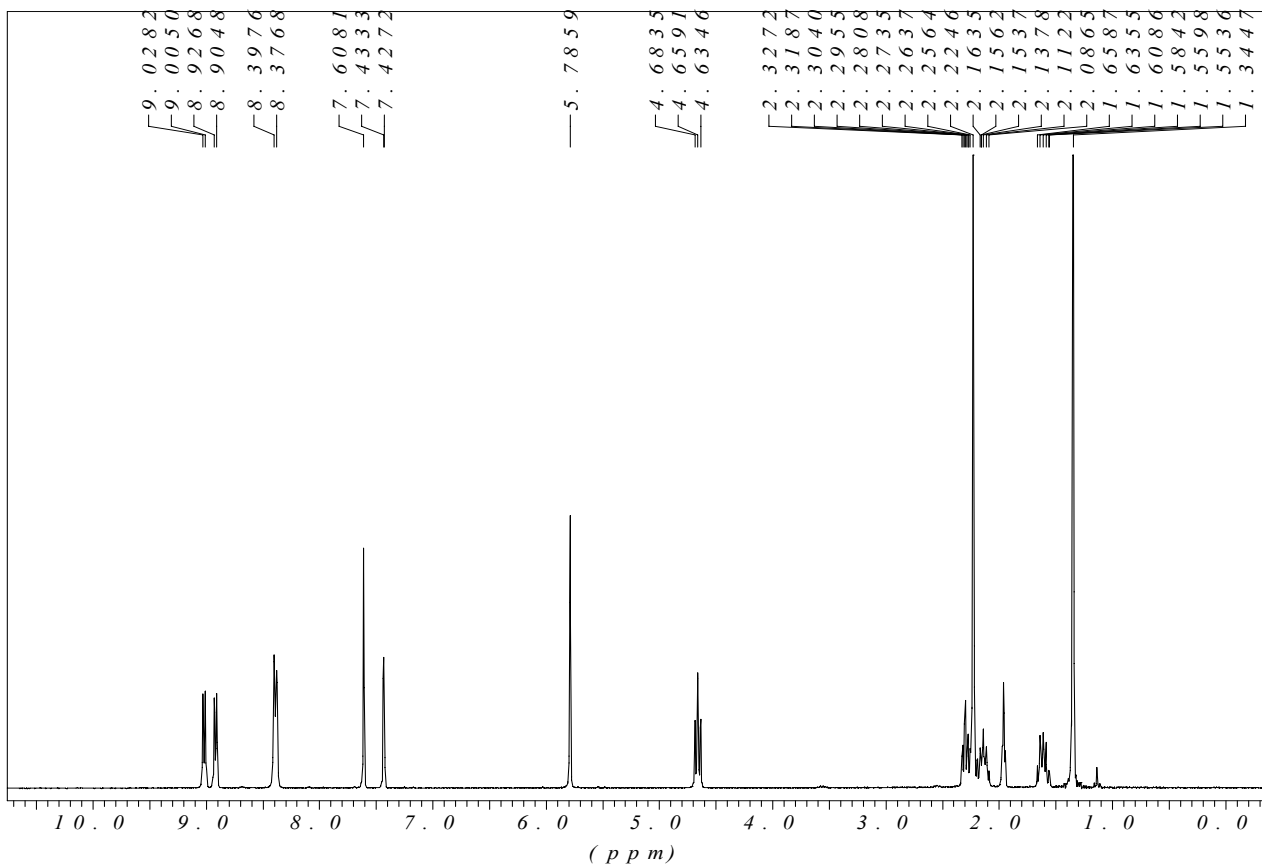
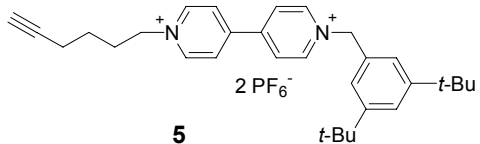
Electron transfer from wheel to axle in a rotaxane. A mass spectrometric investigation

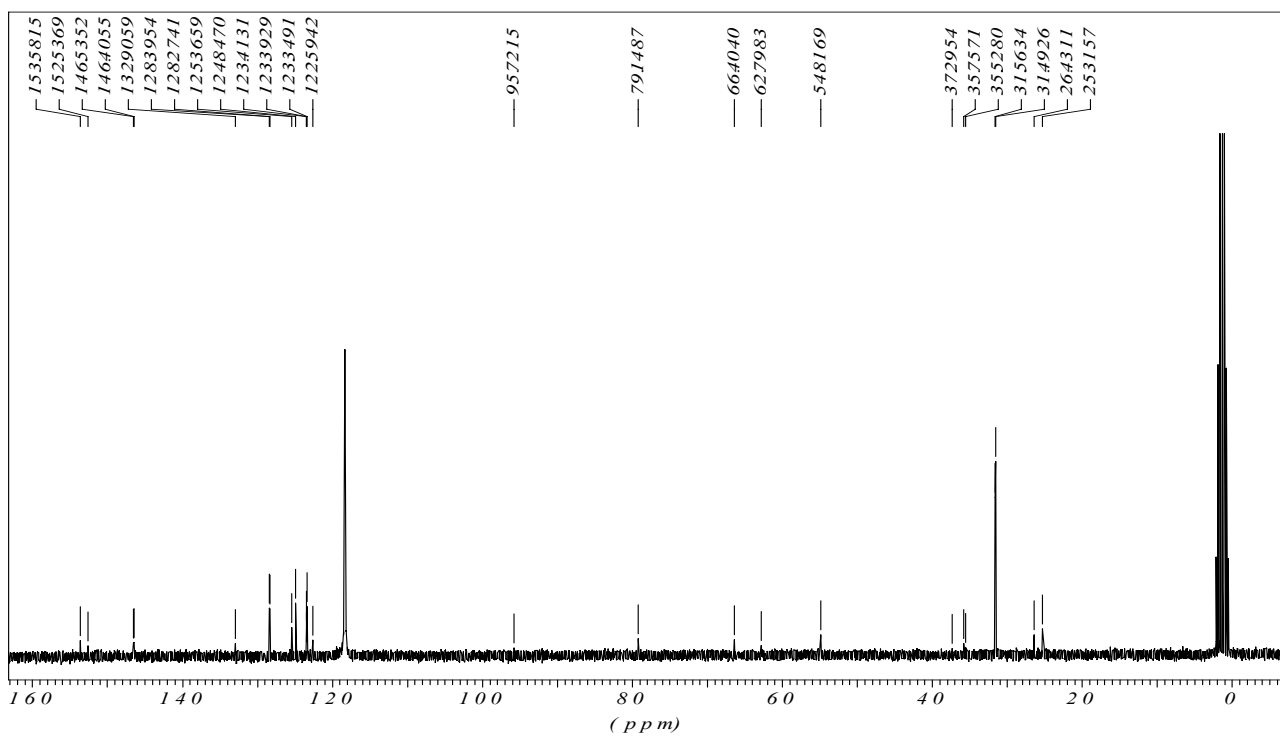
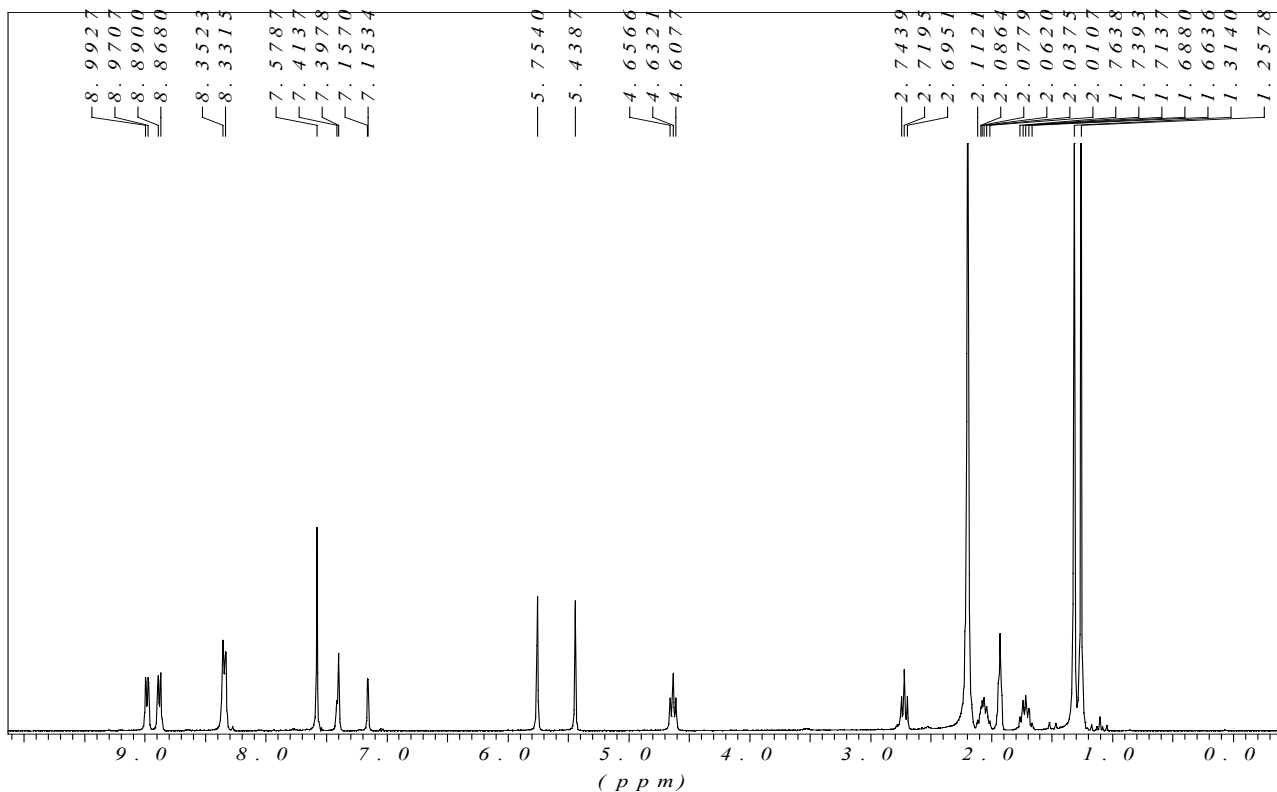
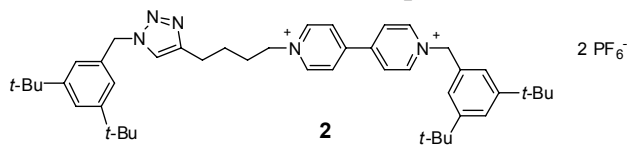
Sara Pasquale,^a Stefano Di Stefano*^a and Bernardo Masci.*^a



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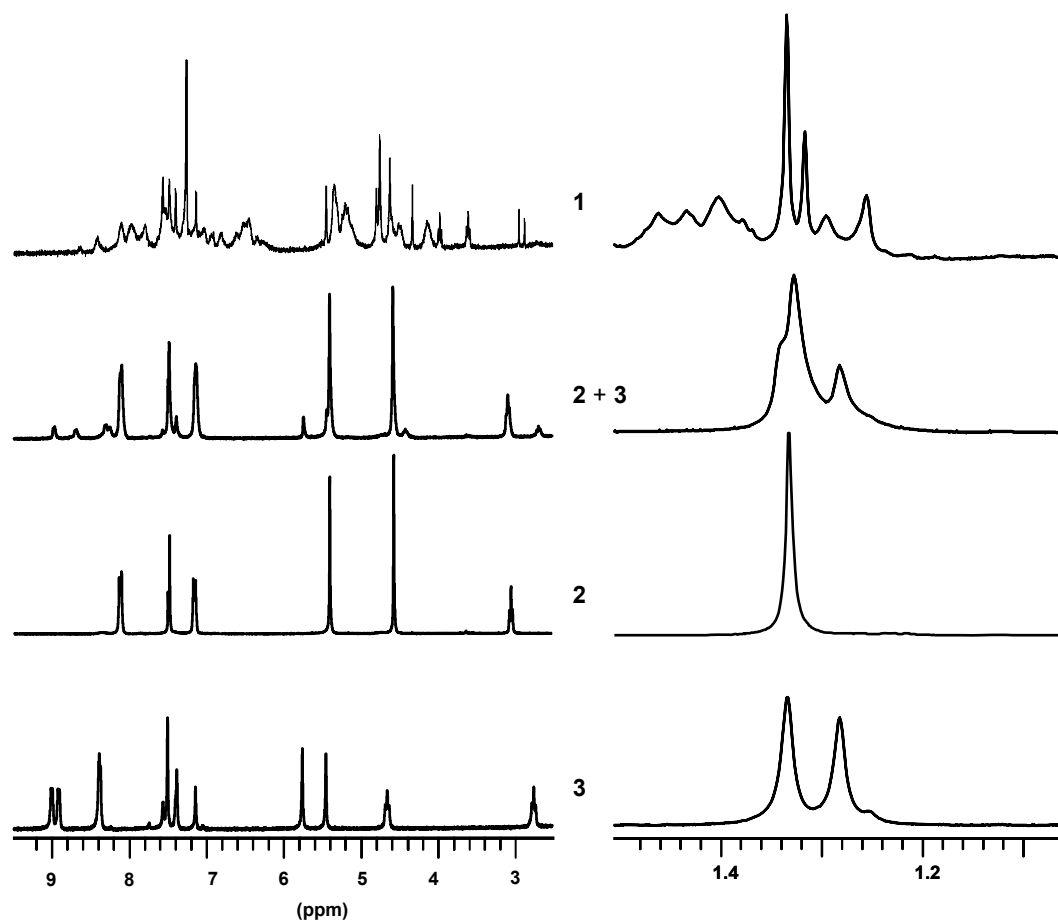


Fig. E1 Spectra of the axle **3**, the wheel **2**, the rotaxane **1** and a mixture of **2 + 3** (1 mM and 2 mM respectively) in $\text{CD}_3\text{CN}/\text{CDCl}_3$ 1:1 at 298 K; two spectral regions are shown (on different scales).

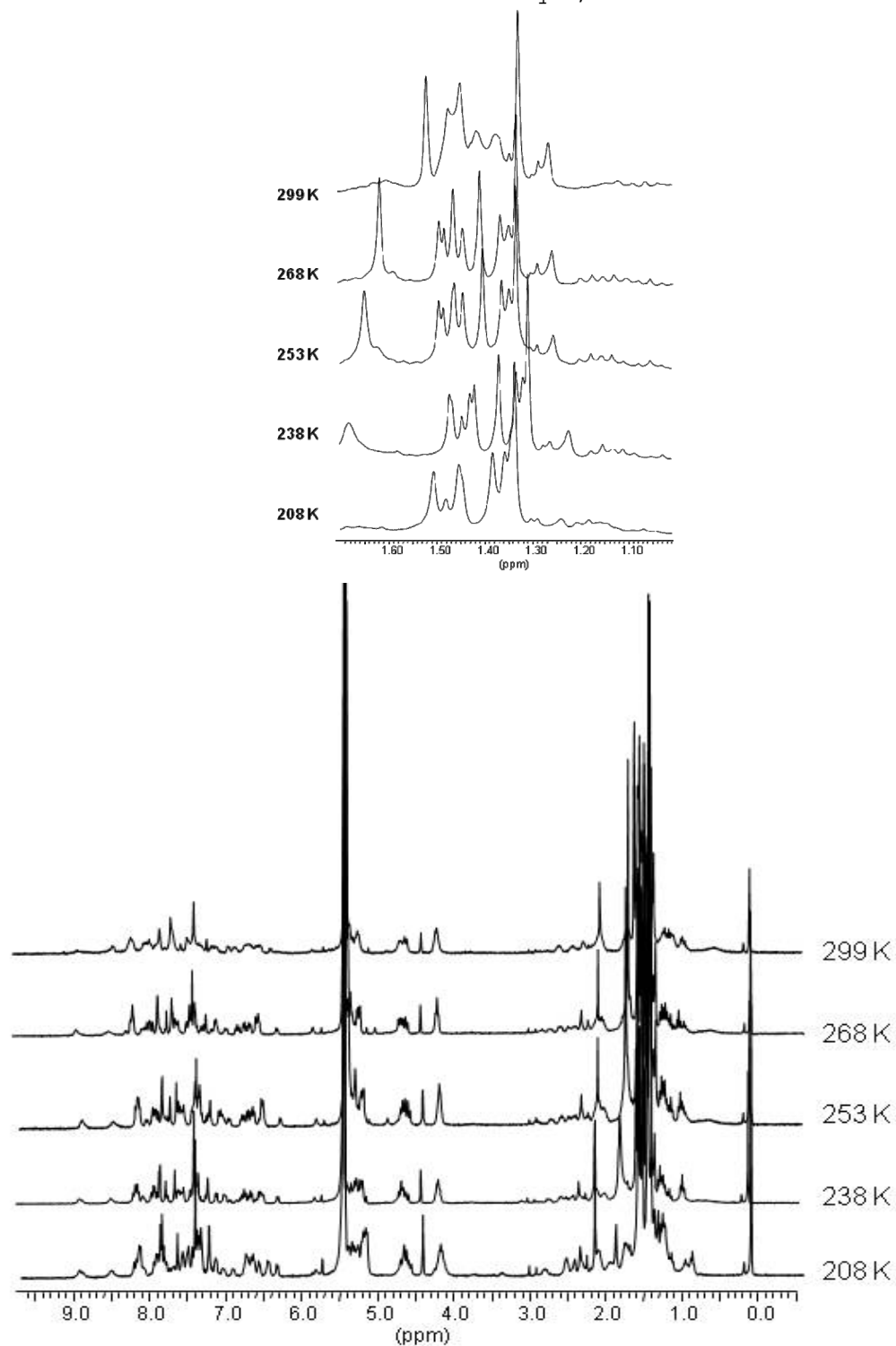


Fig. E2 Spectra of rotaxane **1** in CD₂Cl₂ at low temperatures. In the inset the enlarged region of *t*-Bu protons is shown.

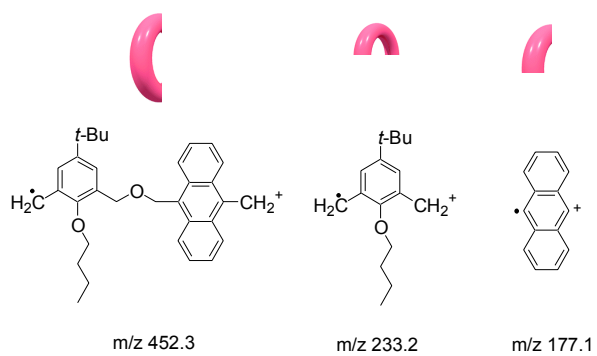


Fig. E3 Proposed structure of the observed fragments from the wheel **2** in the MS MS/CID spectra of threaded and unthreaded adducts with alkyloviologen dications.