

Electronic Supplementary Information

Acetylene-containing highly birefringent rod-type reactive liquid crystals based on 2-methylhydroquinone

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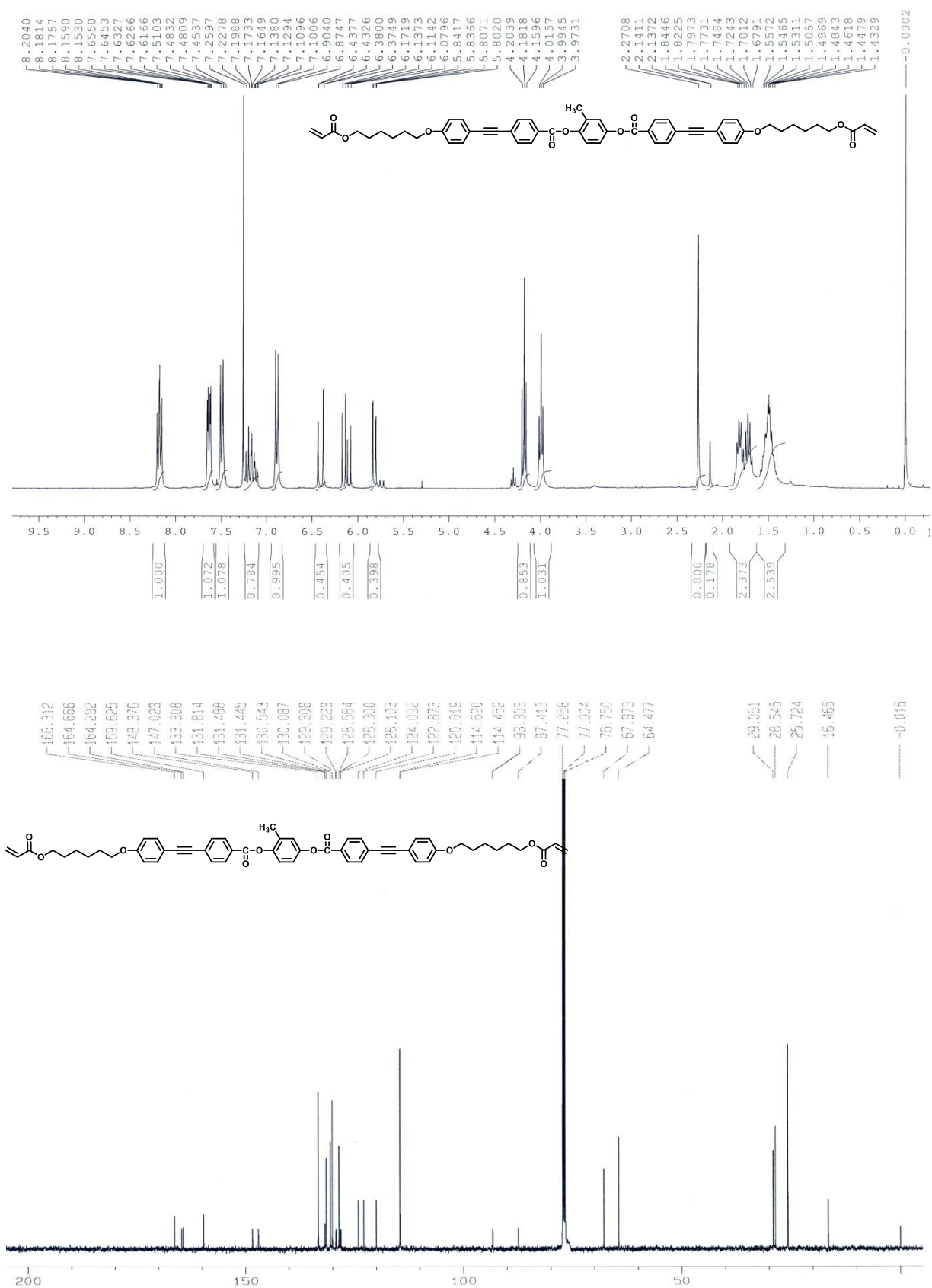
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Figure S1. ^1H NMR (300 MHz, CDCl_3), ^{13}C NMR (75 MHz, CDCl_3) and FAB mass spectrum of compound **9**



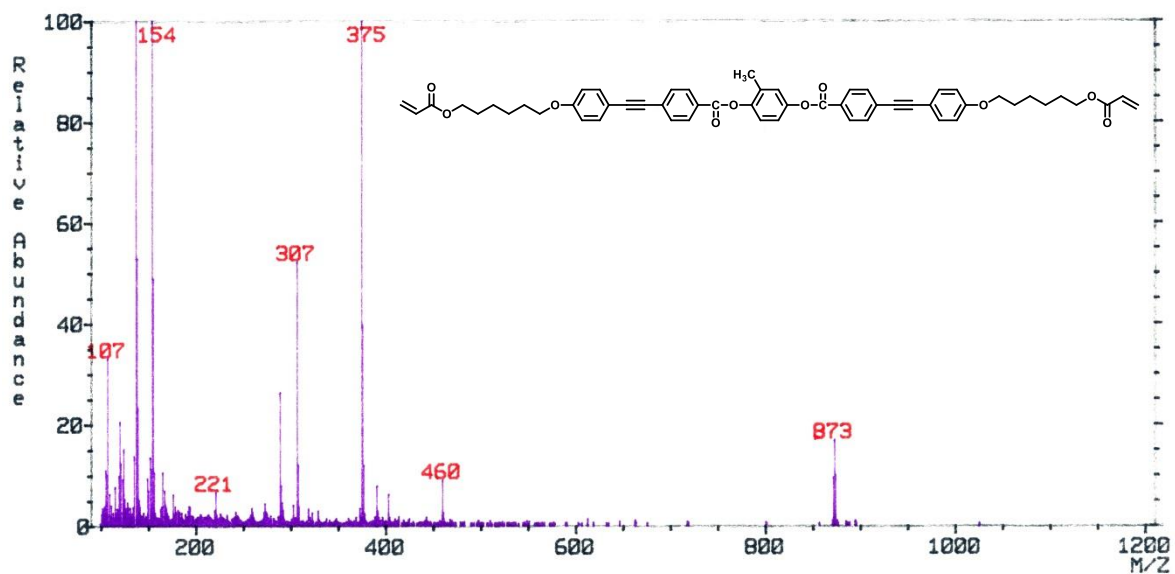
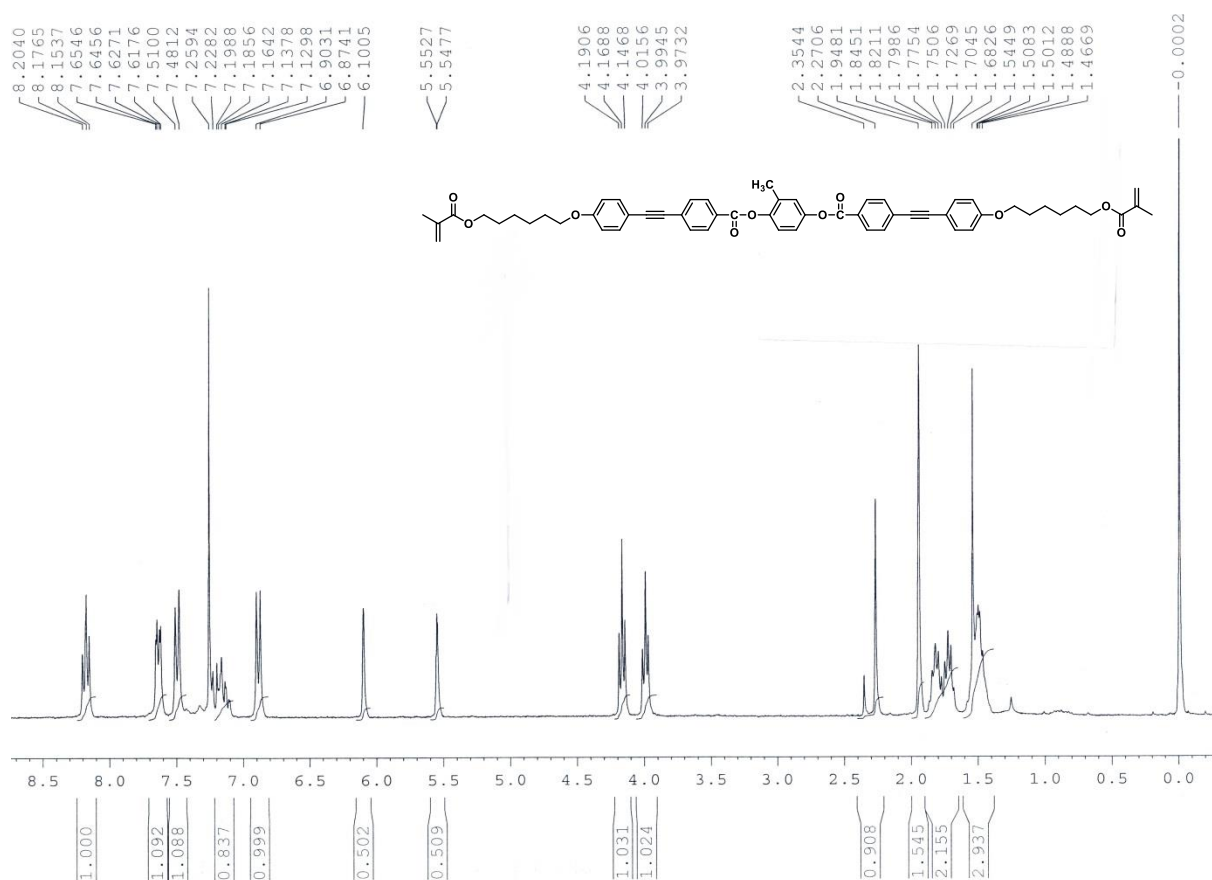


Figure S2. ^1H NMR (300 MHz, CDCl_3), ^{13}C NMR (125 MHz, CDCl_3) and FAB mass spectrum of compound **10**



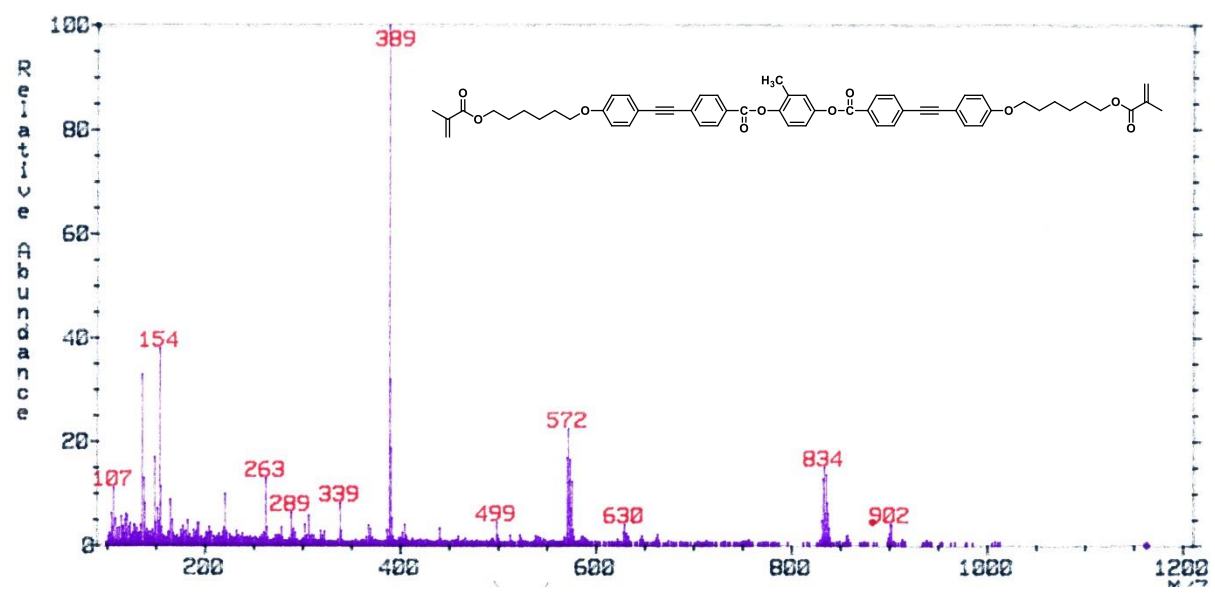
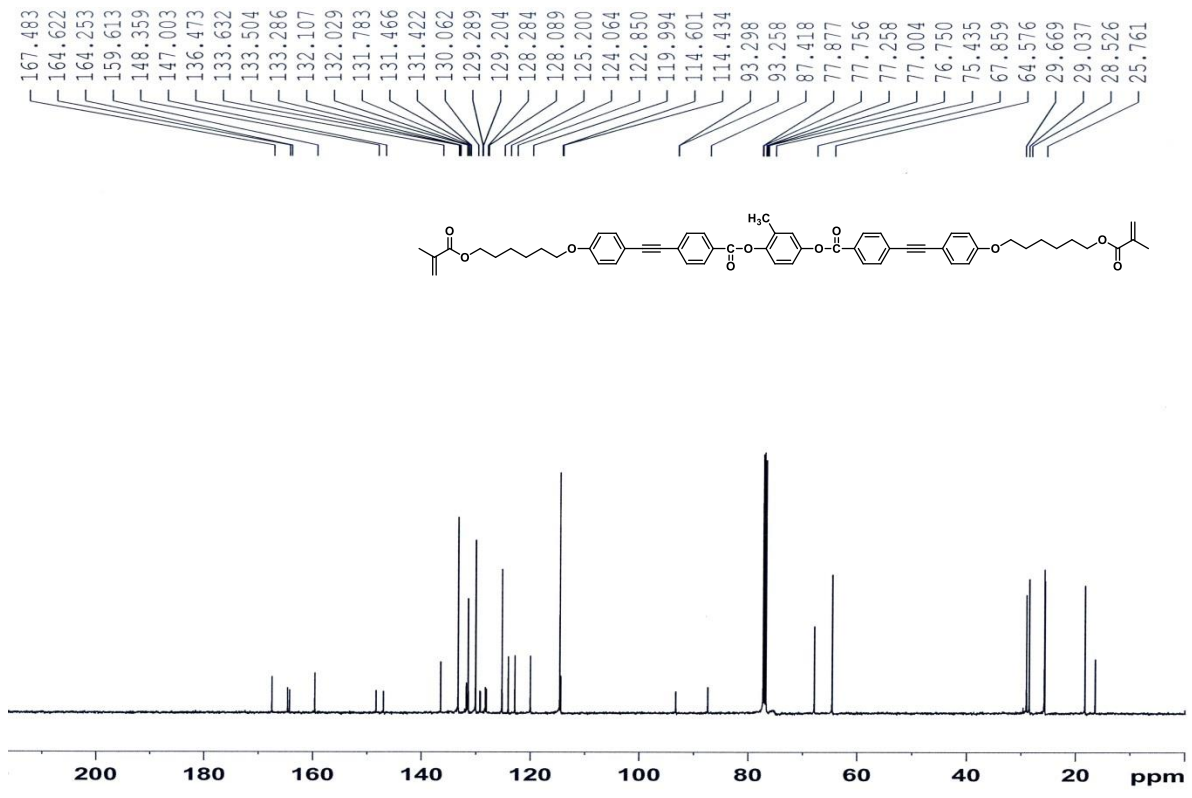
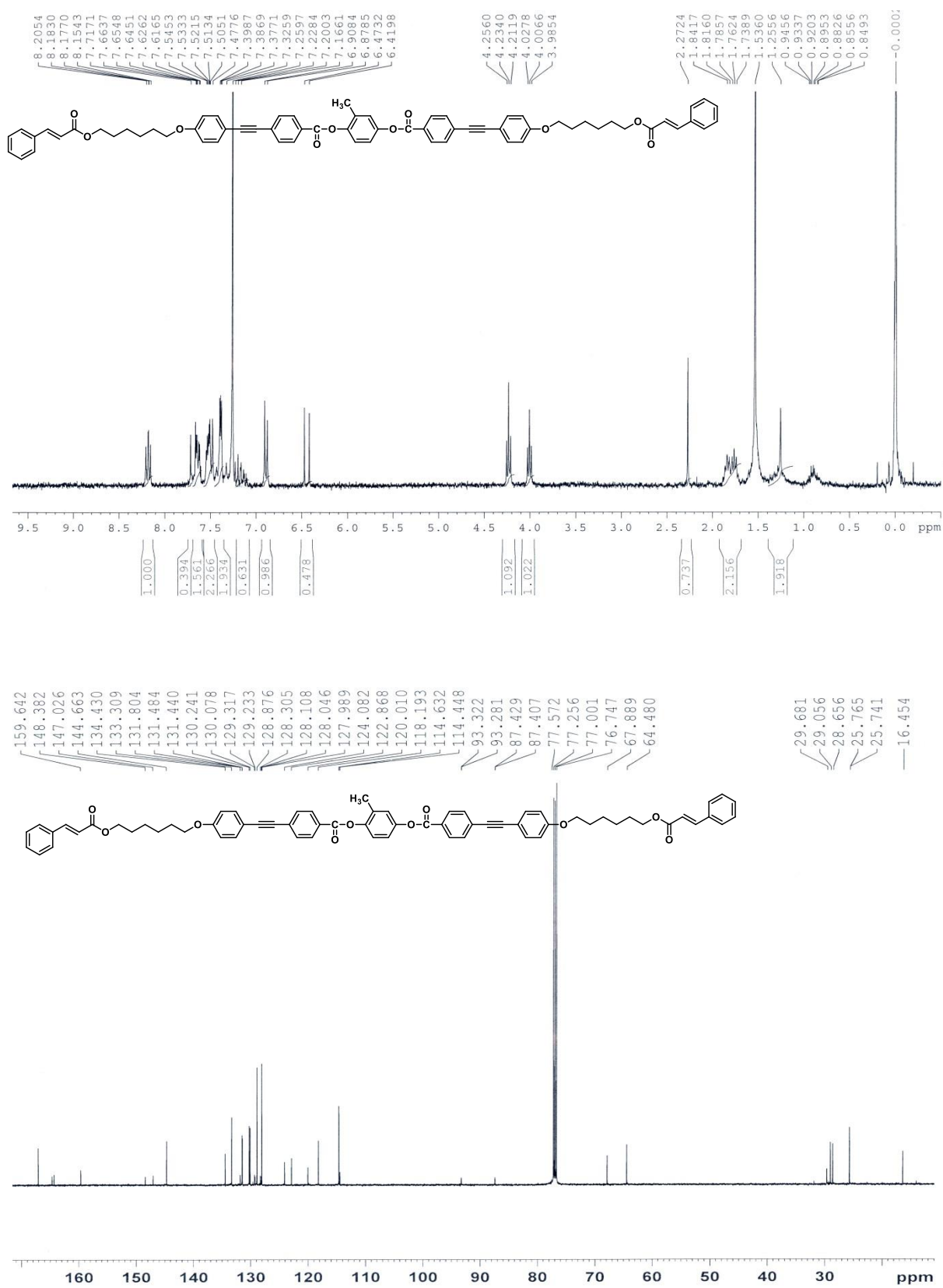


Figure S3. ^1H NMR (300 MHz, CDCl_3), ^{13}C NMR (125 MHz, CDCl_3) and high resolution mass spectrum of compound **11**



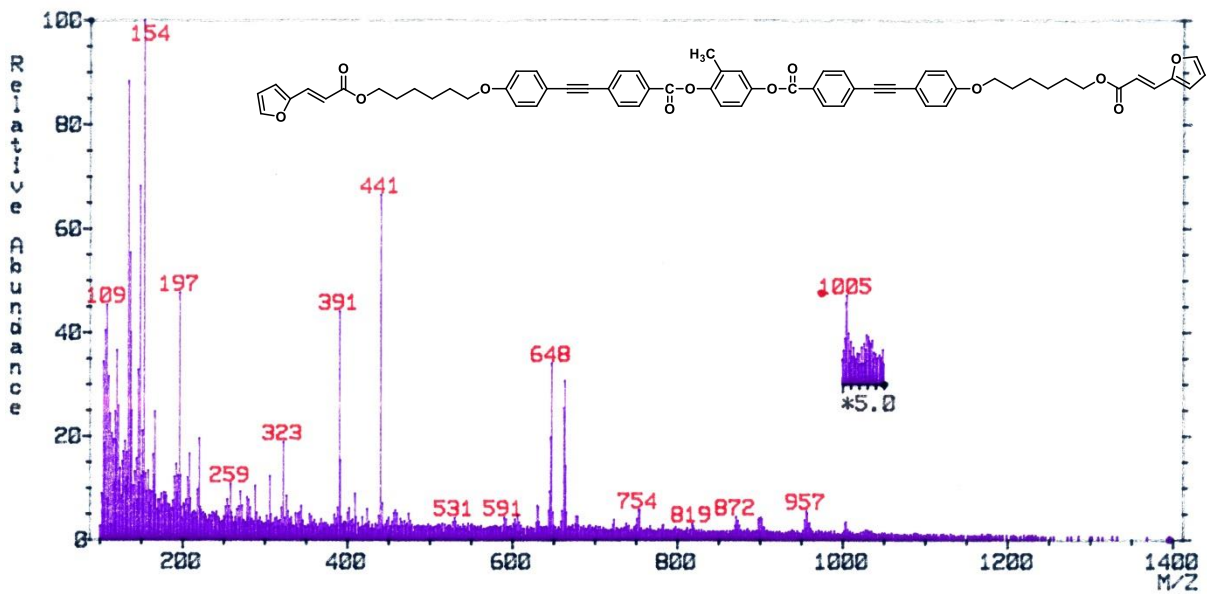
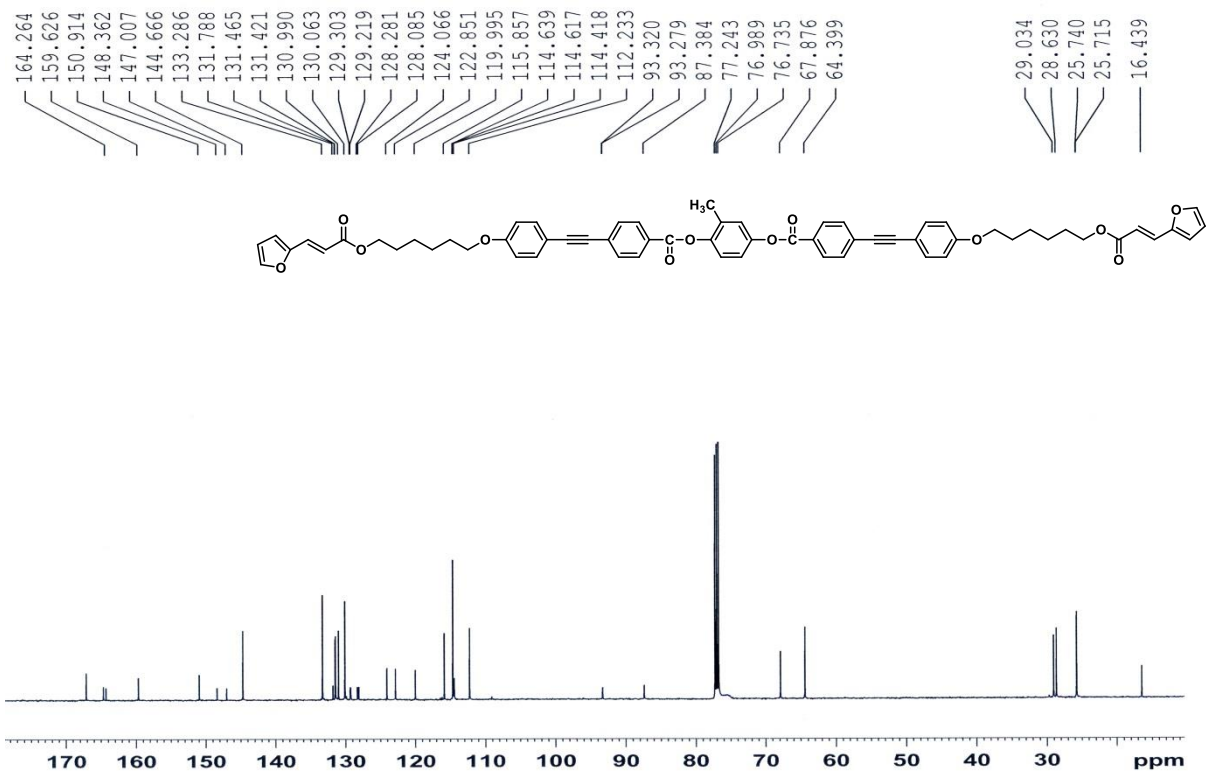
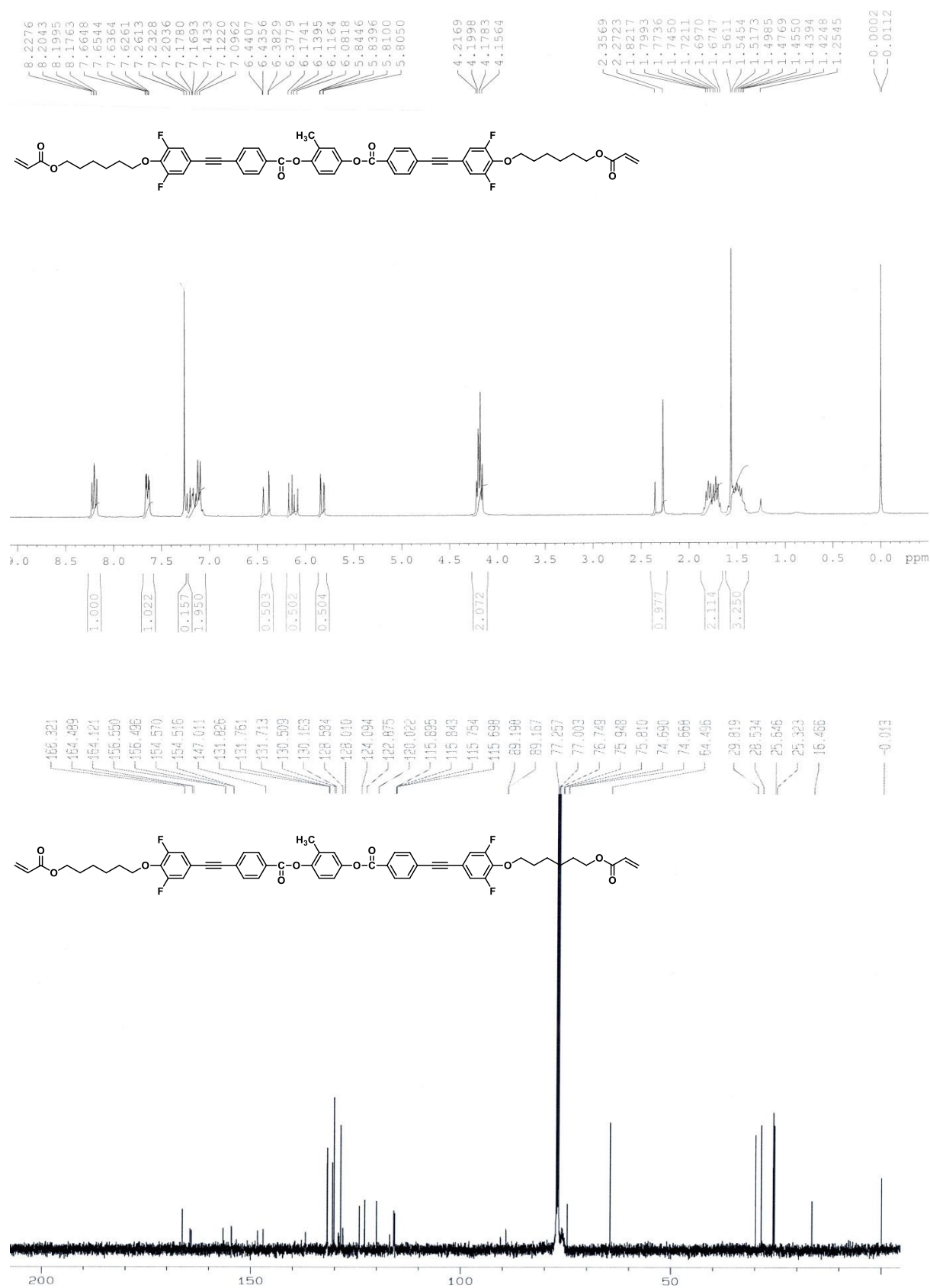


Figure S5. ^1H NMR (300 MHz, CDCl_3), ^{13}C NMR (125 MHz, CDCl_3) and FAB mass spectrum of compound **23**



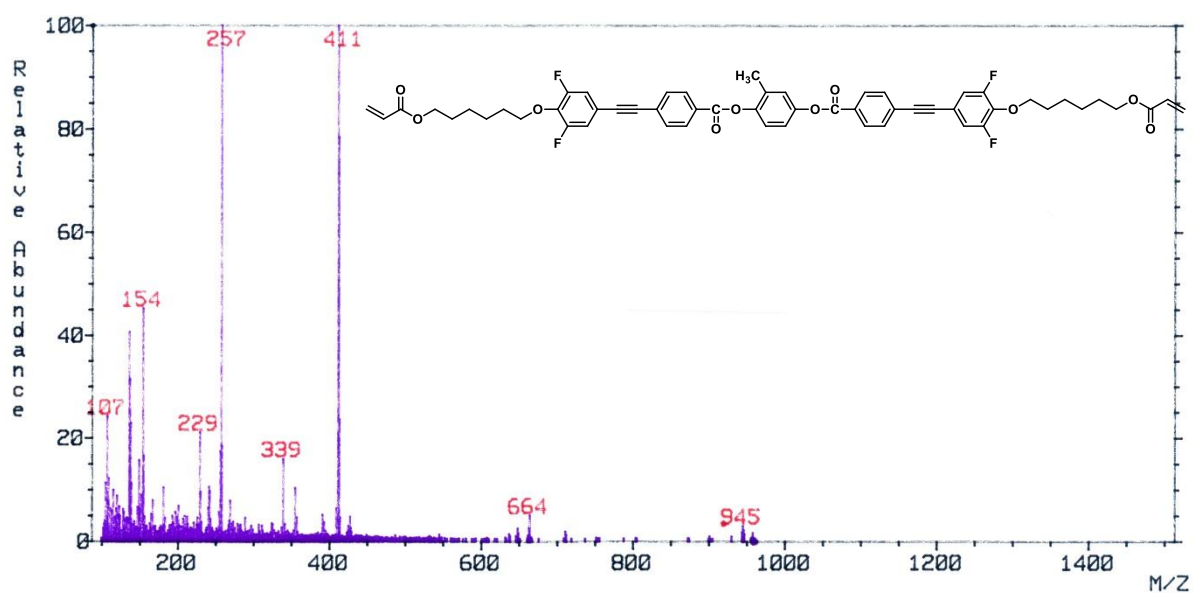


Figure S6. ^1H NMR (300 MHz, CDCl_3), ^{13}C NMR (125 MHz, CDCl_3) and FAB mass spectrum of compound **24**

