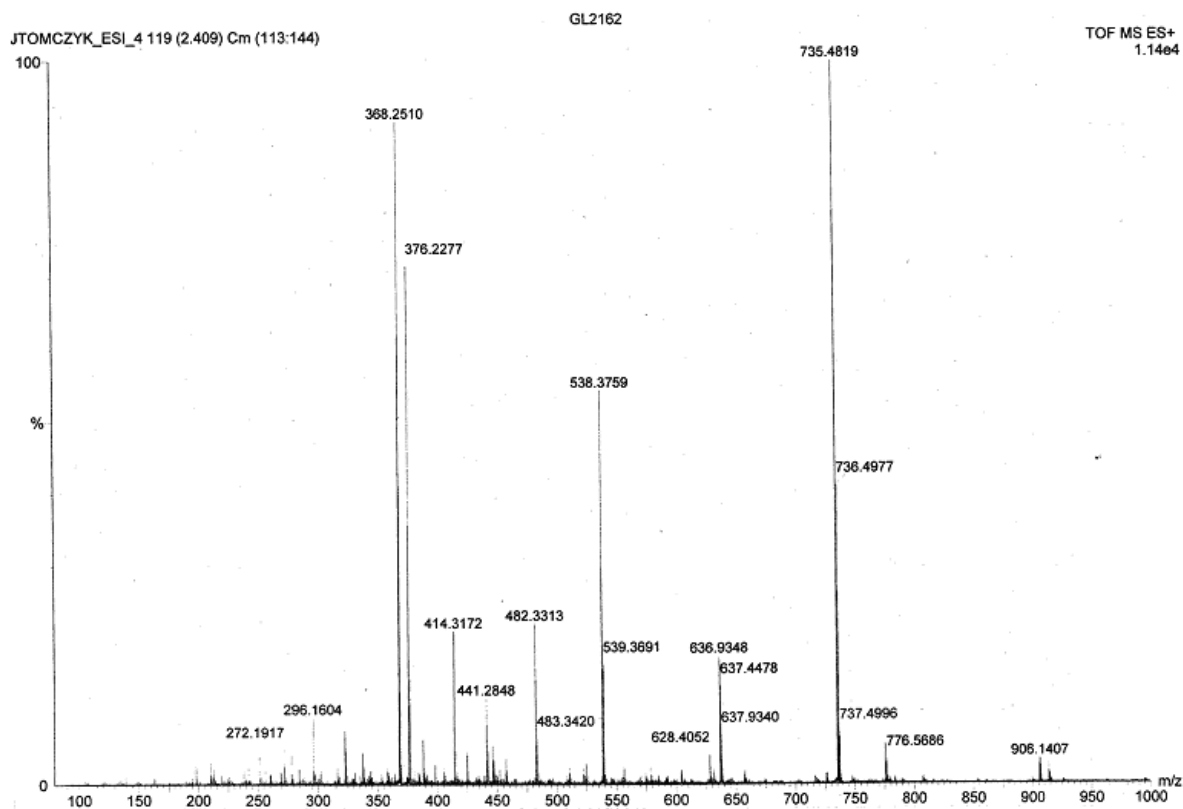
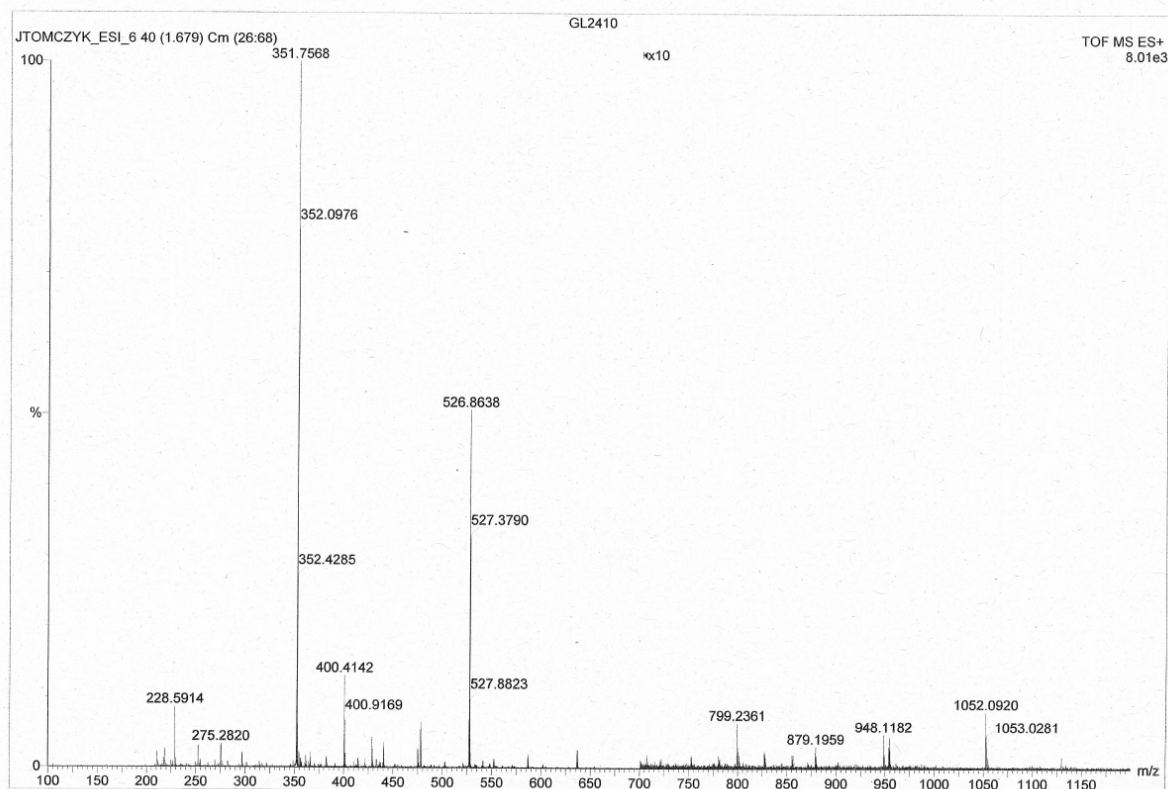


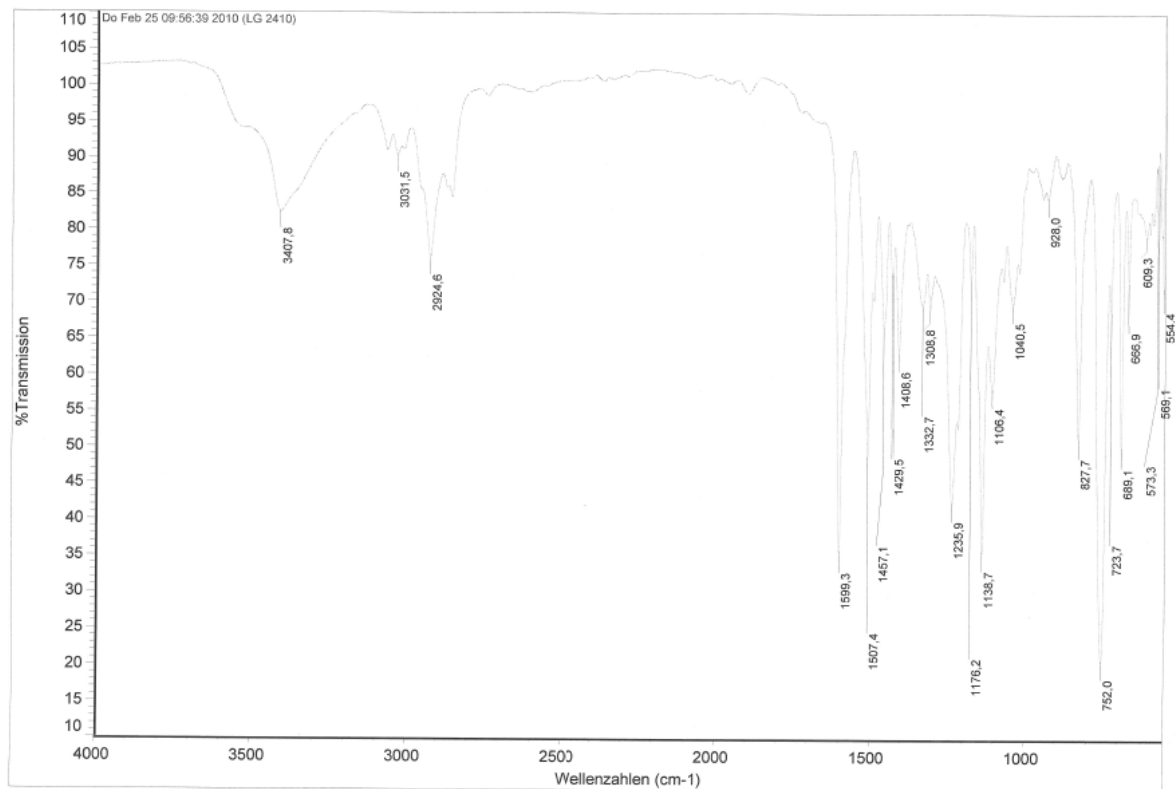
Supplementary information



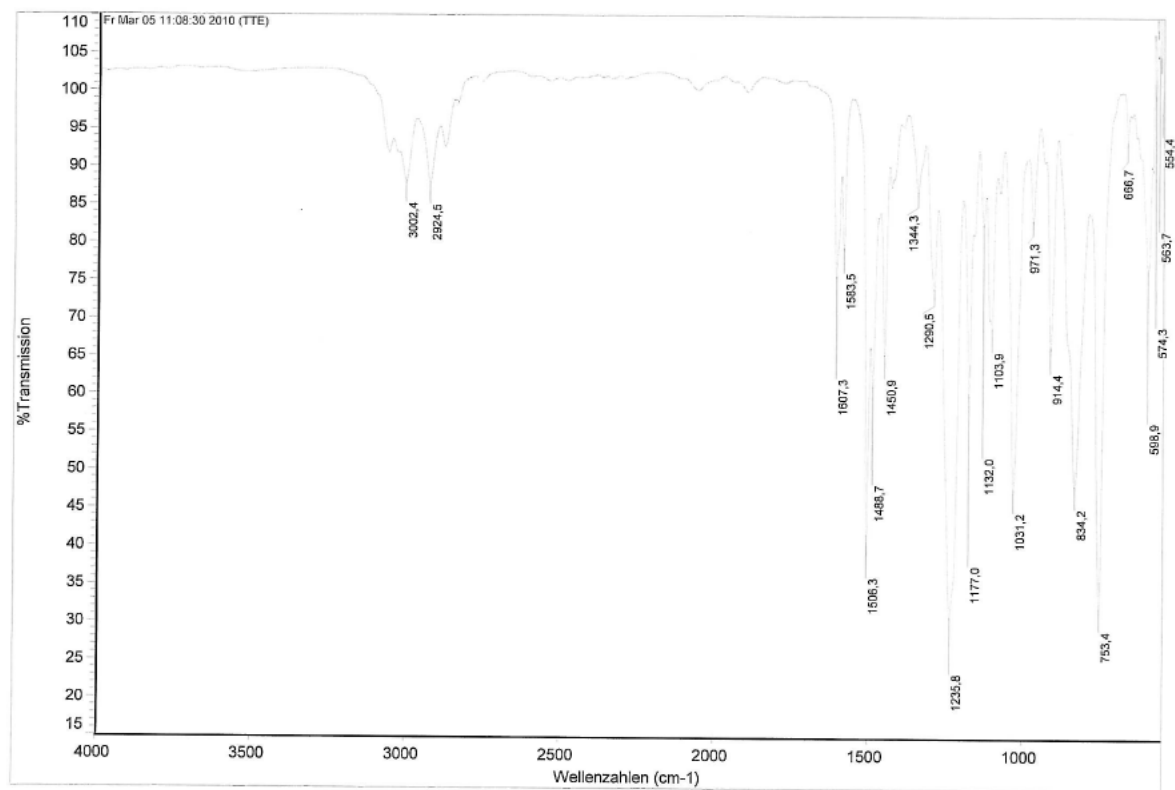
ESI mass spectrum of the product of BADGE:AAB=1:2



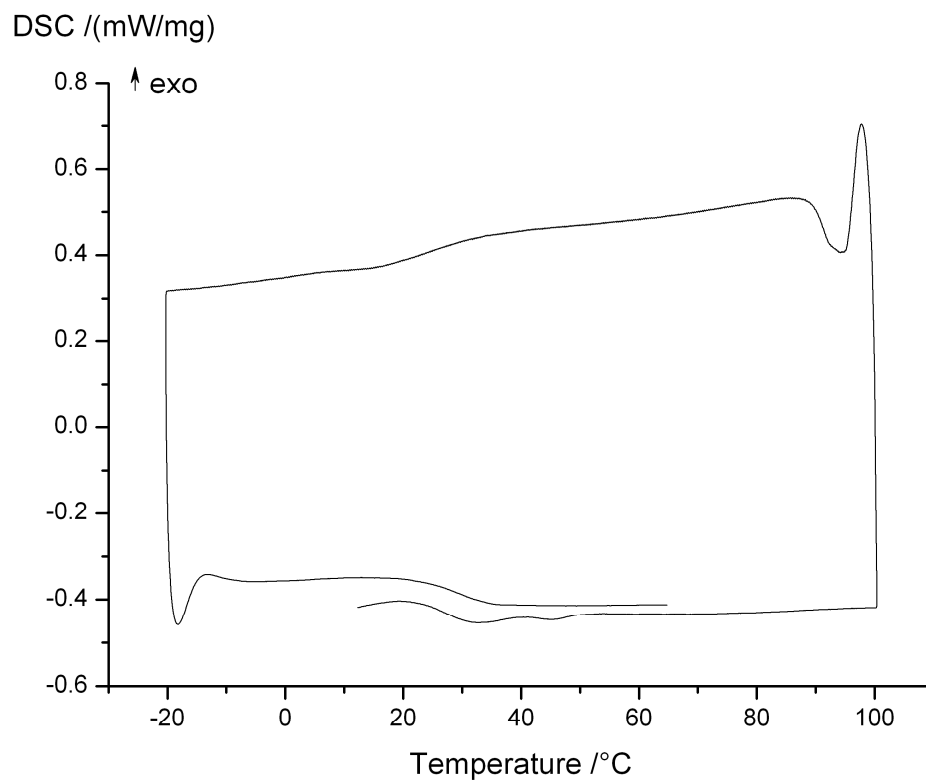
ESI mass spectrum of 4,4',4''-tris(2-hydroxy-3-((4-phenyldiazenyl)phenylamino)propoxy)triphenylmethane



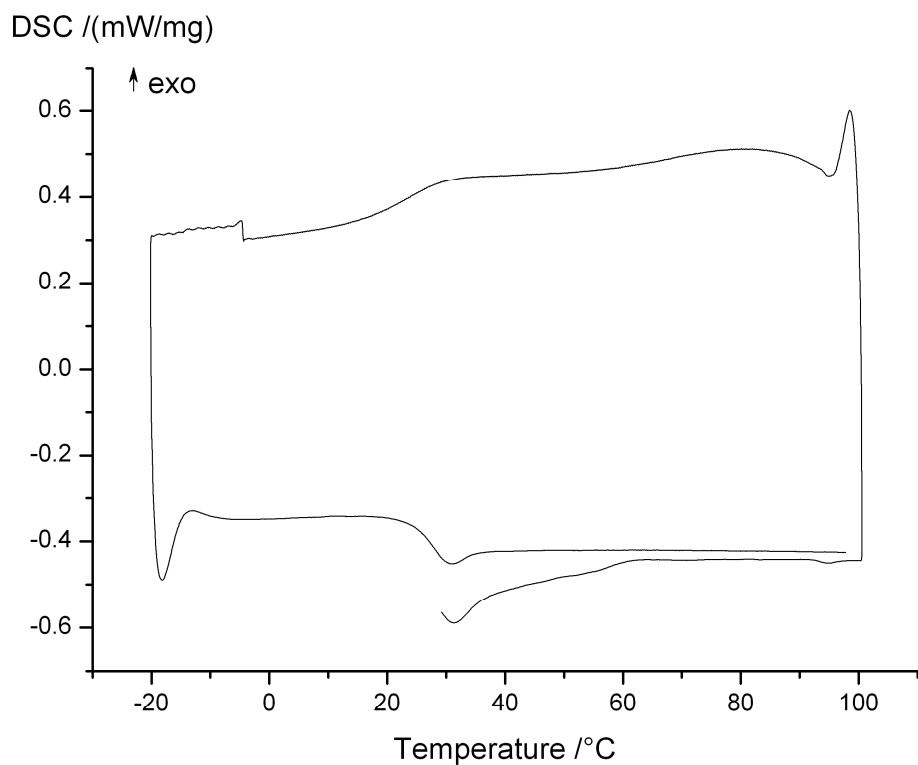
FTIR spectrum of 4,4',4''-tris(2-hydroxy-3-((4-phenyldiazenyl)phenylamino)propoxy)triphenylmethane, ATR set-up



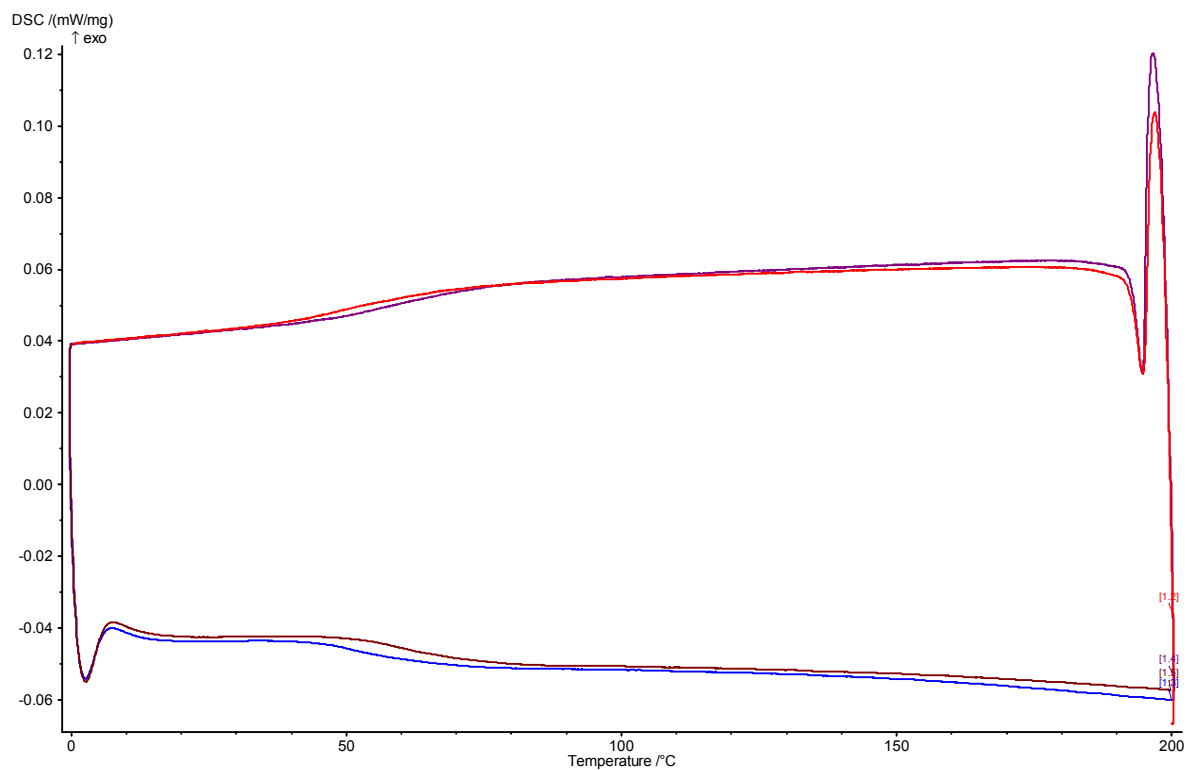
FTIR spectrum of Tris(4-hydroxyphenyl)methane triglycidyl ether, ATR set-up



DSC curve for material AAB:epoxy A=1:1 with hardener 15%, cured for 10h, 10 °C/min.



DSC curve for material AAB:epoxy D=2:1 with hardener 15%, cured for 10h, 10 °C/min.



DSC curve of 4,4',4''-tris(2-hydroxy-3-((4-phenyldiazenyl)phenylamino)propoxy)triphenylmethane, 10 °C/min.