

SUPPORTING INFORMATION FOR:

**Ring-Opening Copolymerization of Cyclohexene Oxide and Cyclic Anhydrides
catalyzed by Bimetallic Scorpionate Zinc Catalysts**

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Figure S1. ^1H NMR spectrum of poly(PA-*alt*-CHO) (6)

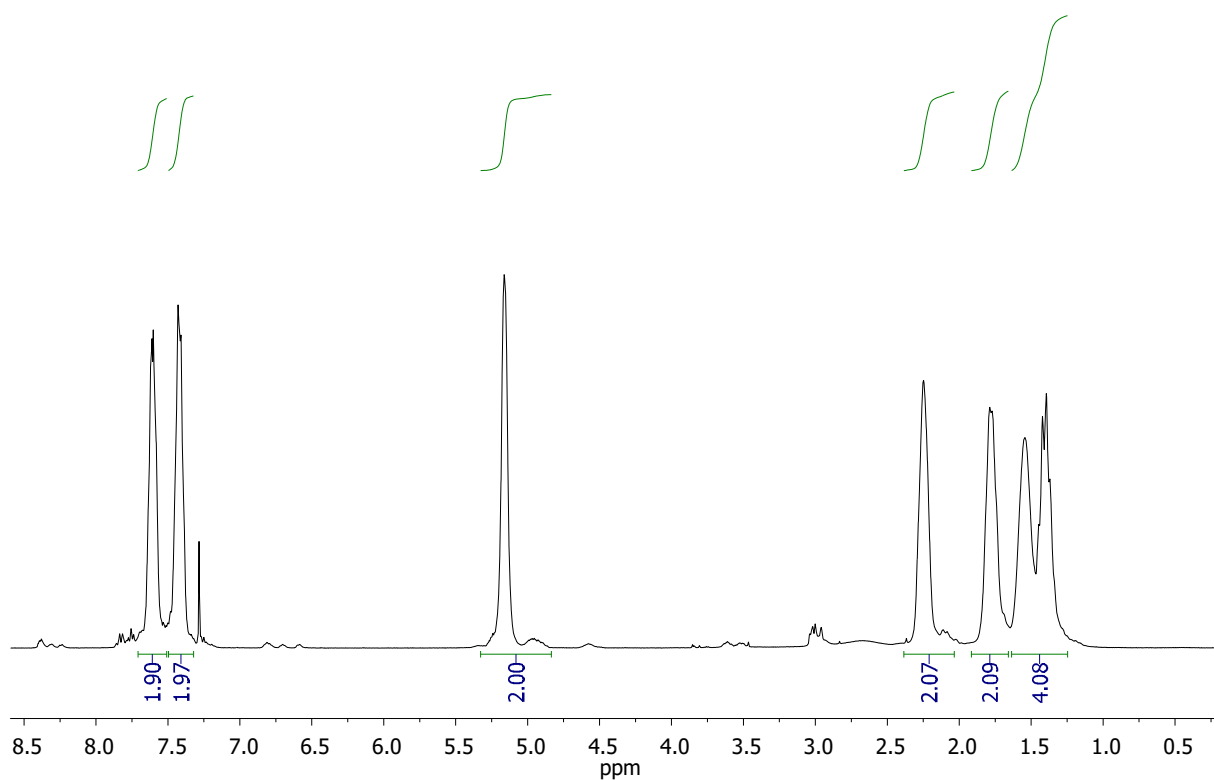


Figure S2. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of poly(PA-*alt*-CHO) (6)

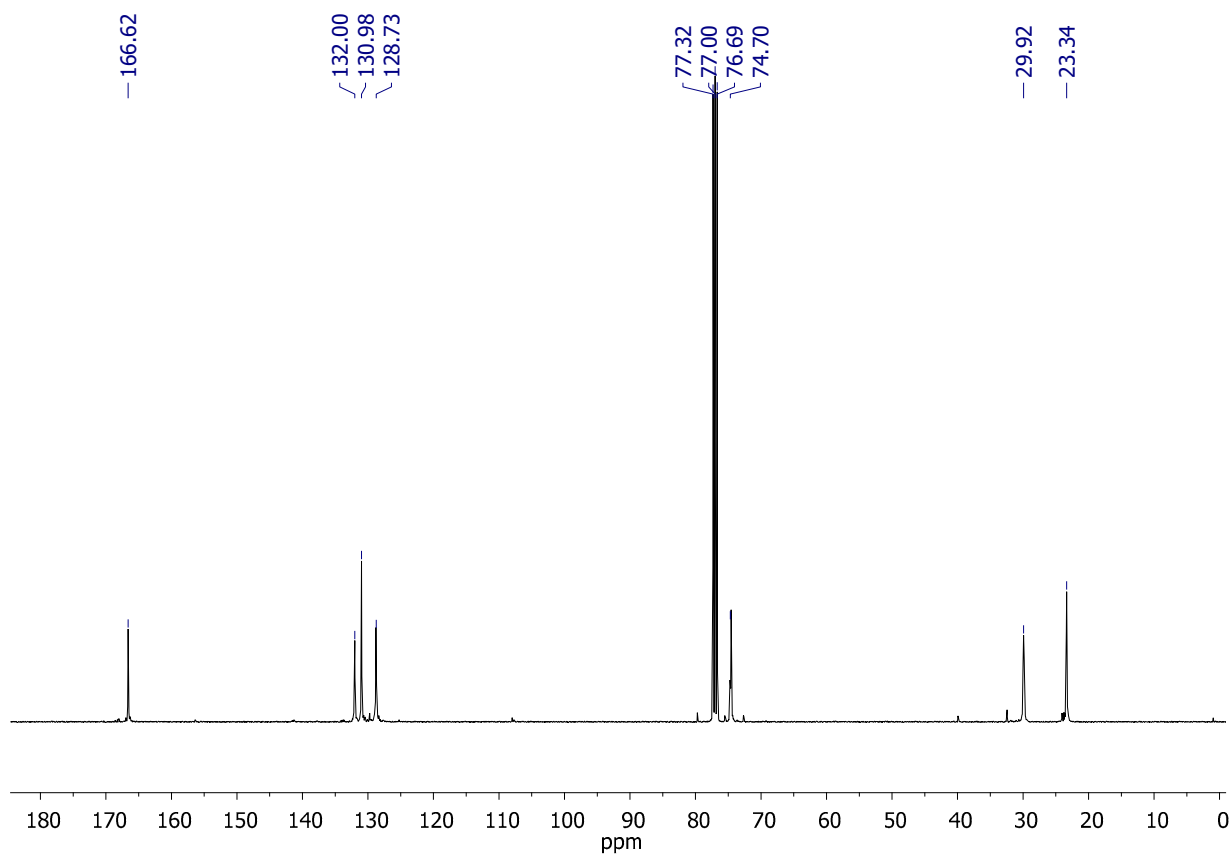
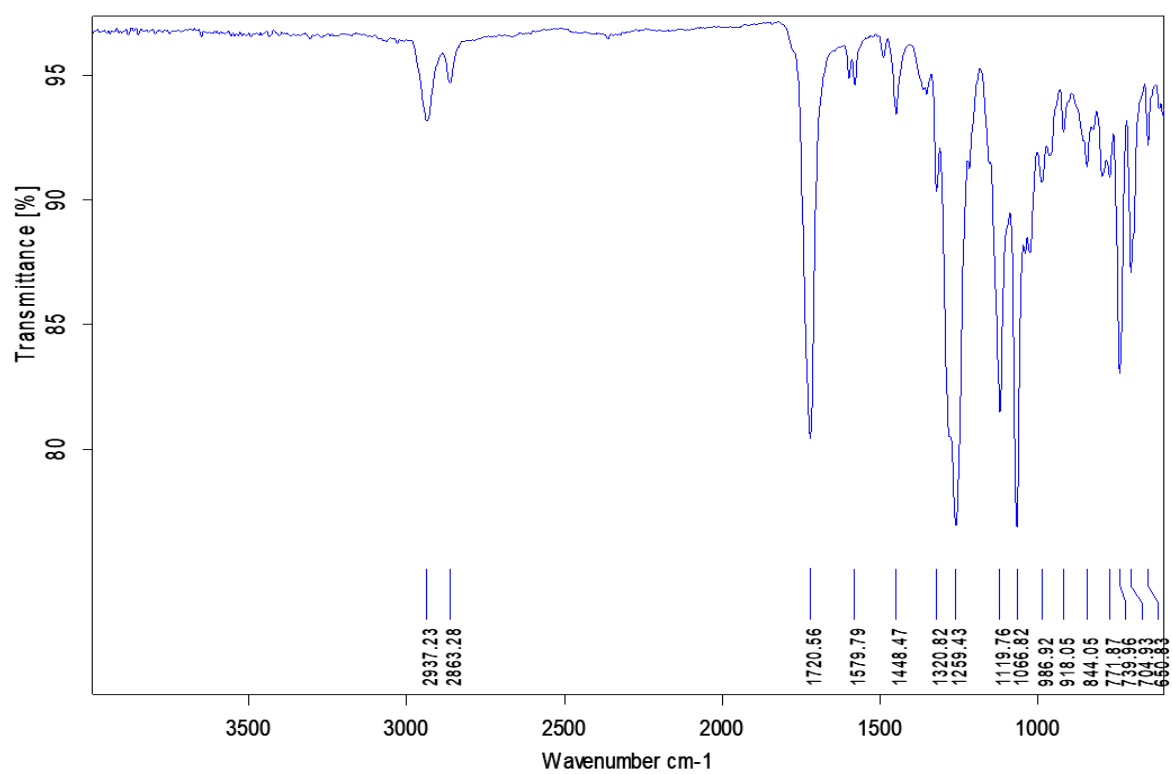


Figure S3. IR spectra of: a) poly(PA-*alt*-CHO) (6), b) PA (4)

a)



b)

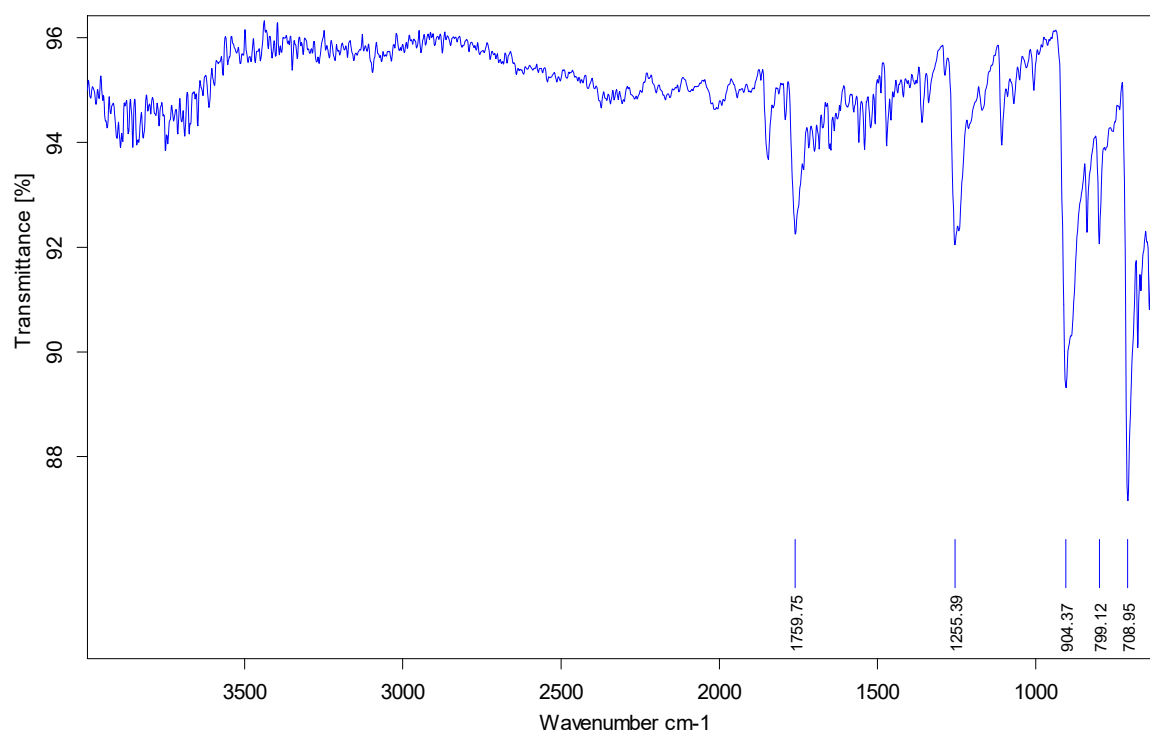


Figure S4. ^1H NMR spectrum of poly(SA-*alt*-CHO) (**11**)

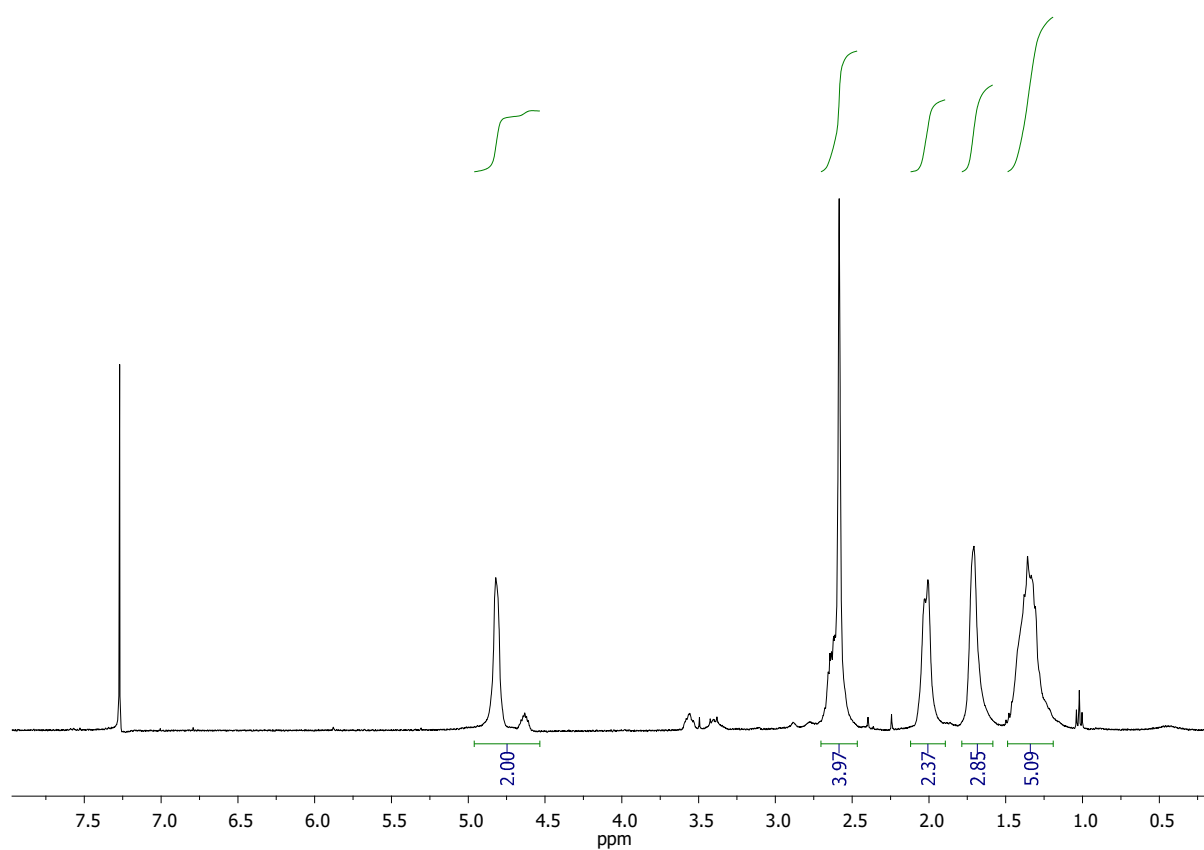


Figure S5. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of poly(SA-*alt*-CHO) (**11**)

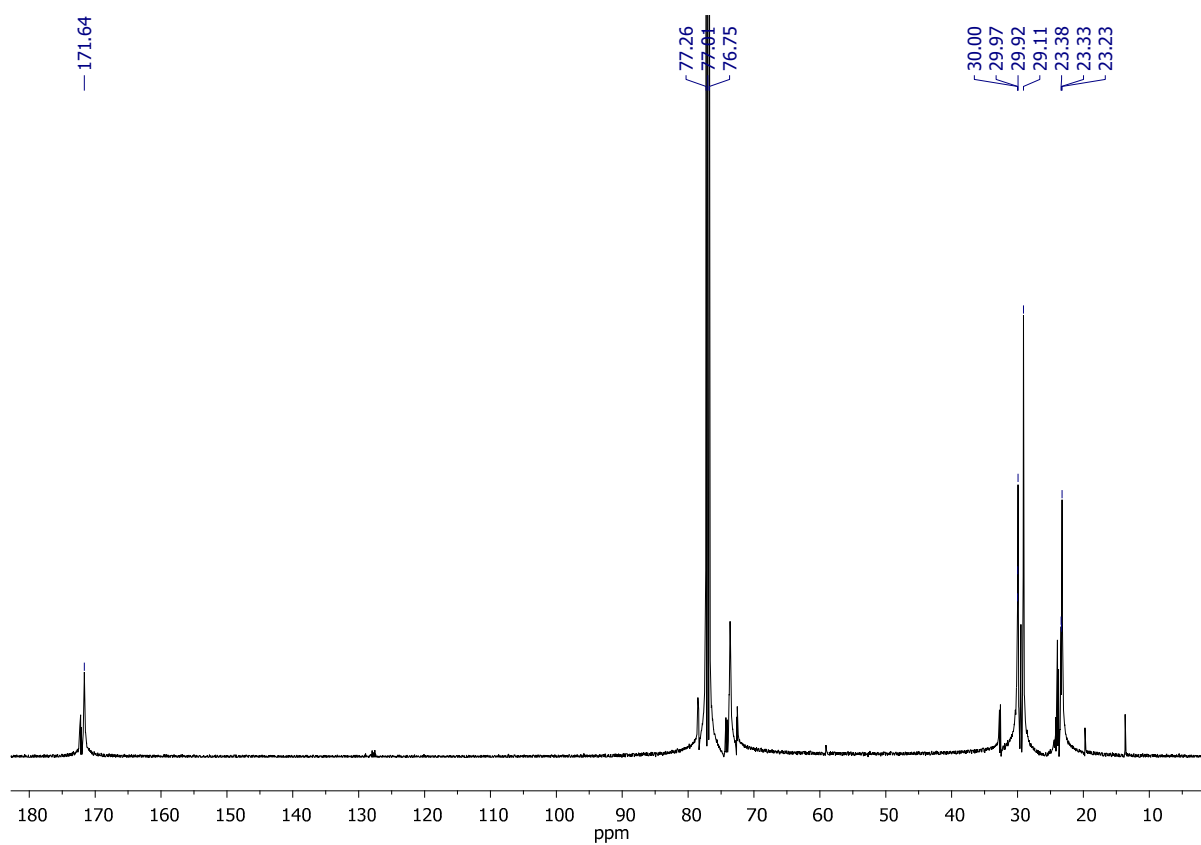
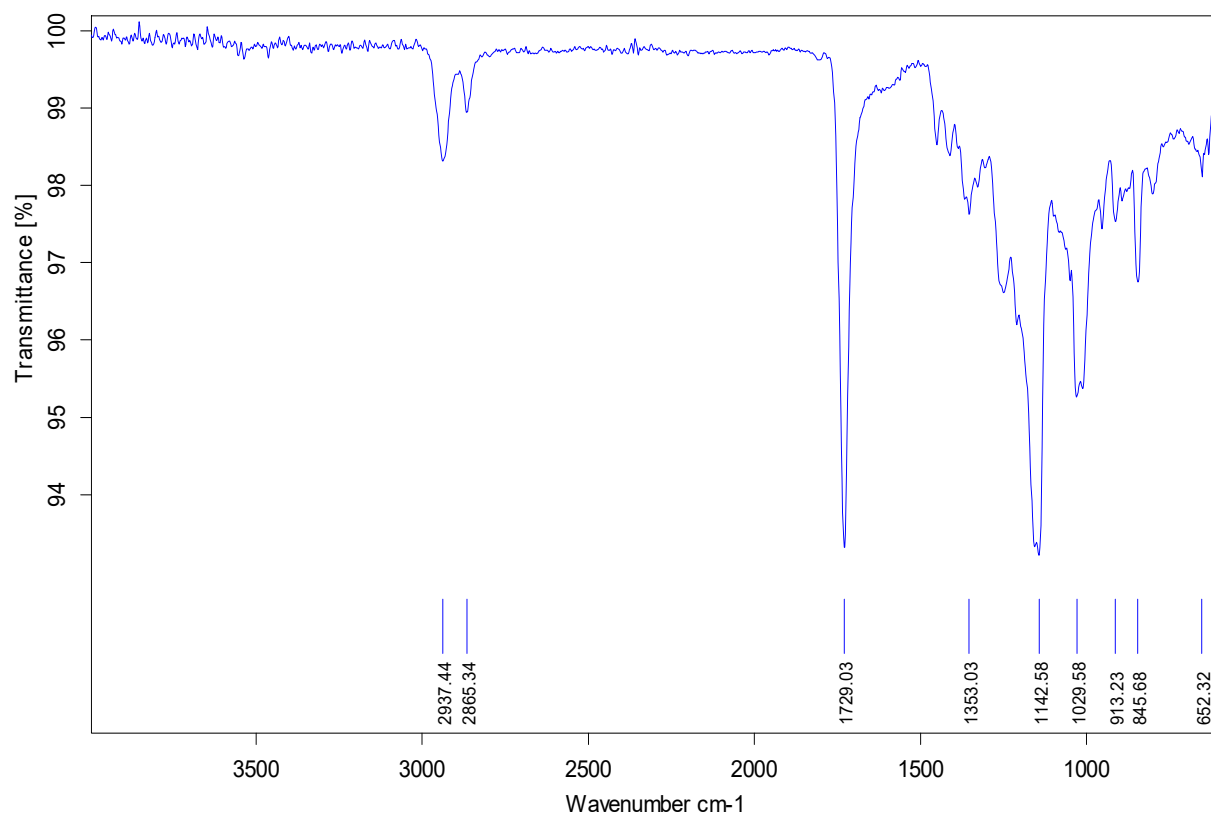


Figure S6. IR spectra of: a) poly(SA-*alt*-CHO) (**11**), b) SA (**8**)

a)



b)

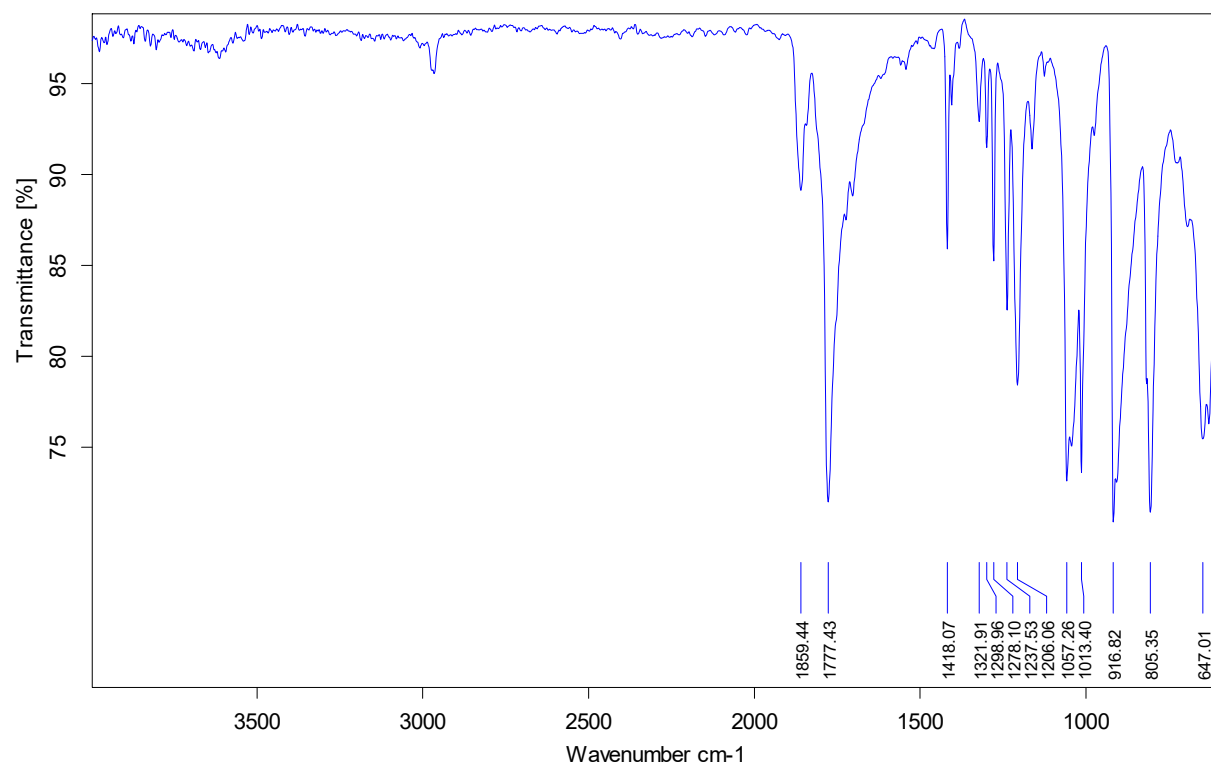


Figure S7. ^1H NMR spectrum of poly(MA-*alt*-CHO) (**12**)

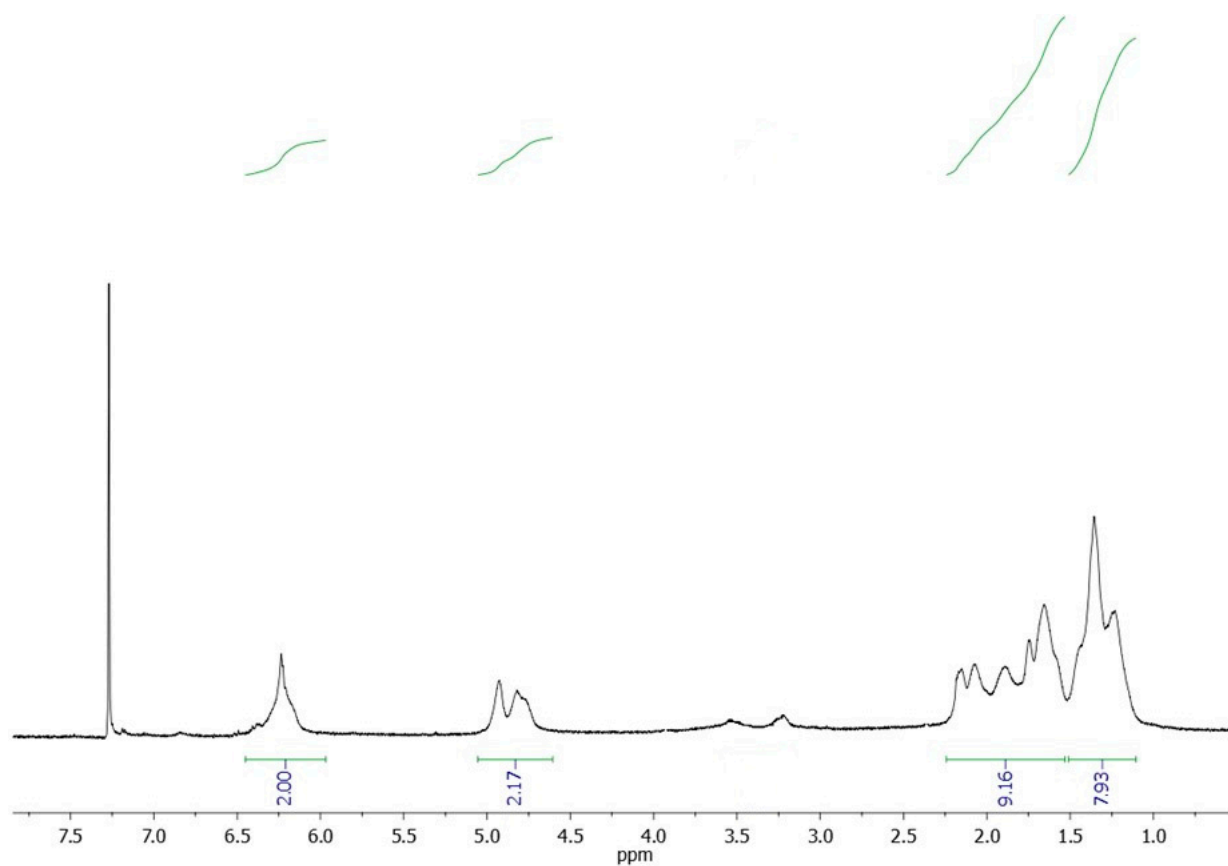


Figure S8. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of poly(MA-*alt*-CHO) (**12**)

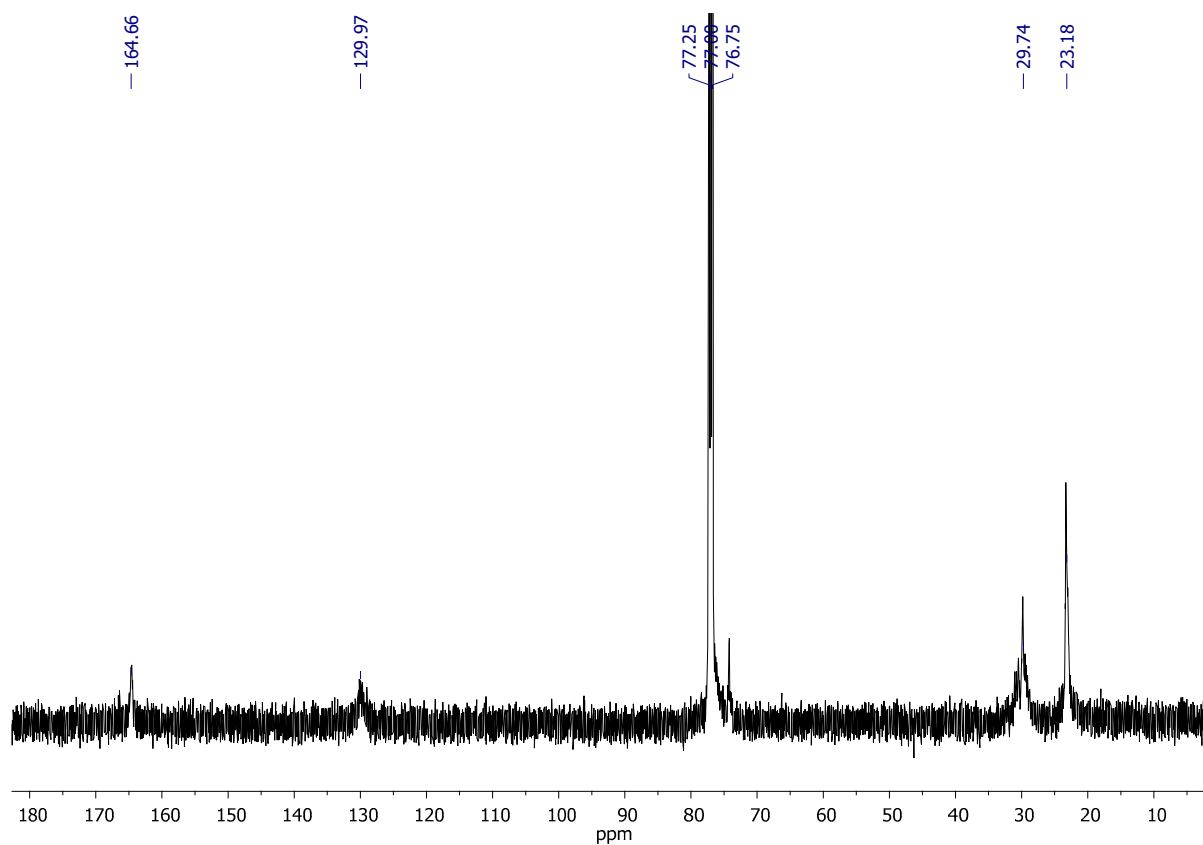
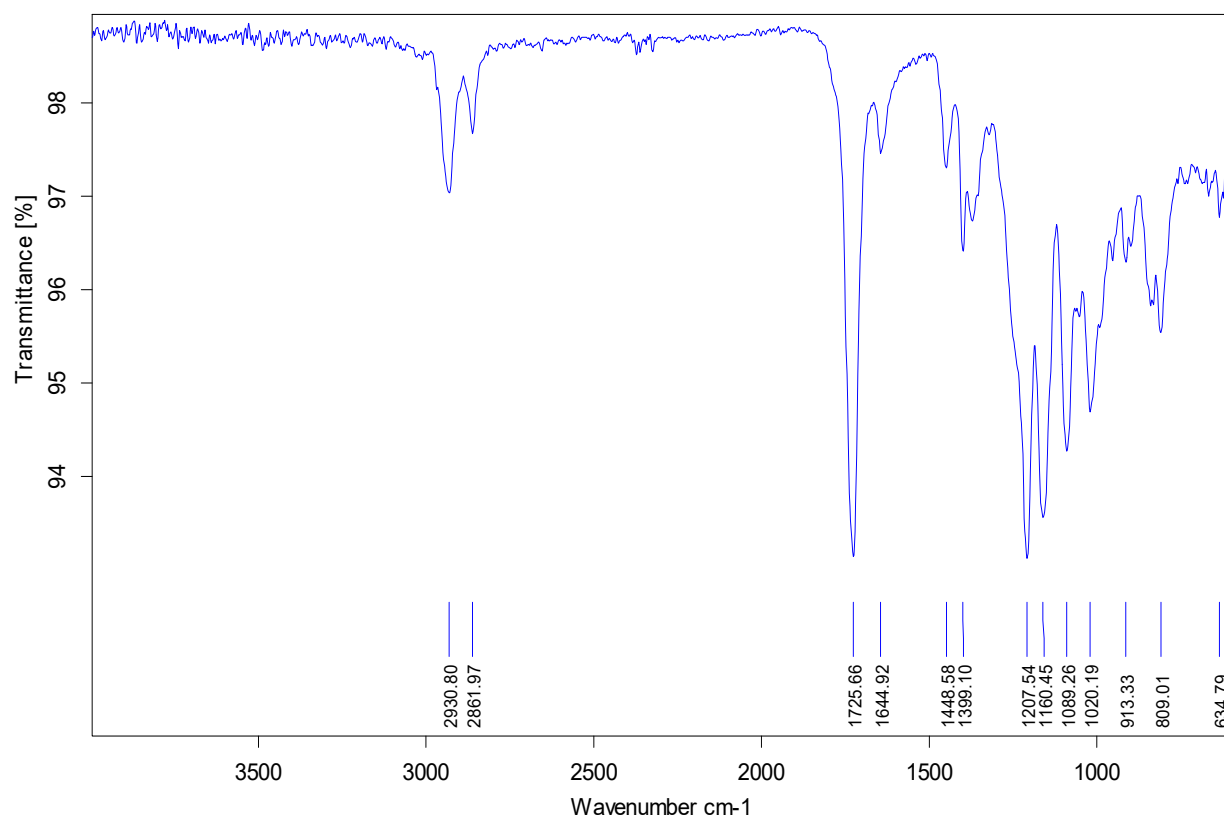


Figure S9. IR spectra of: a) poly(MA-*alt*-CHO) (**12**), b) MA (**9**)

a)



b)

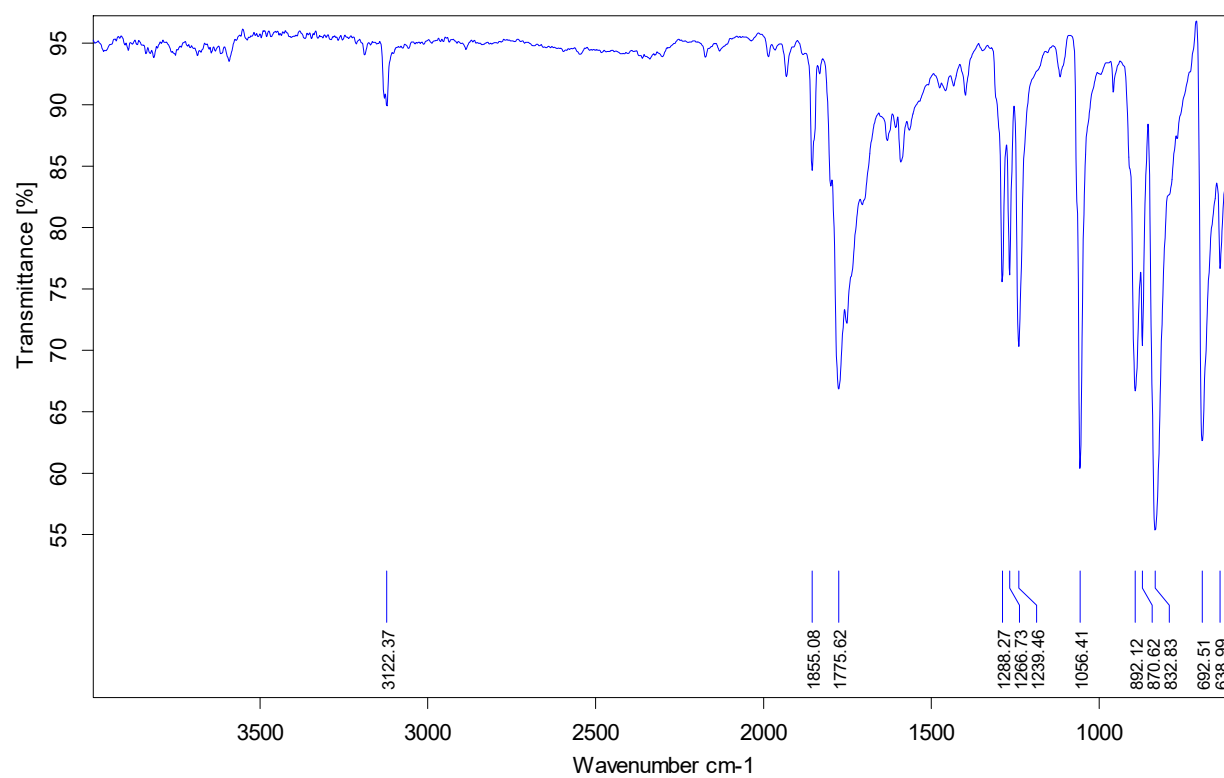


Figure S10. ^1H NMR spectrum of poly(NA-*alt*-CHO) (**13**)

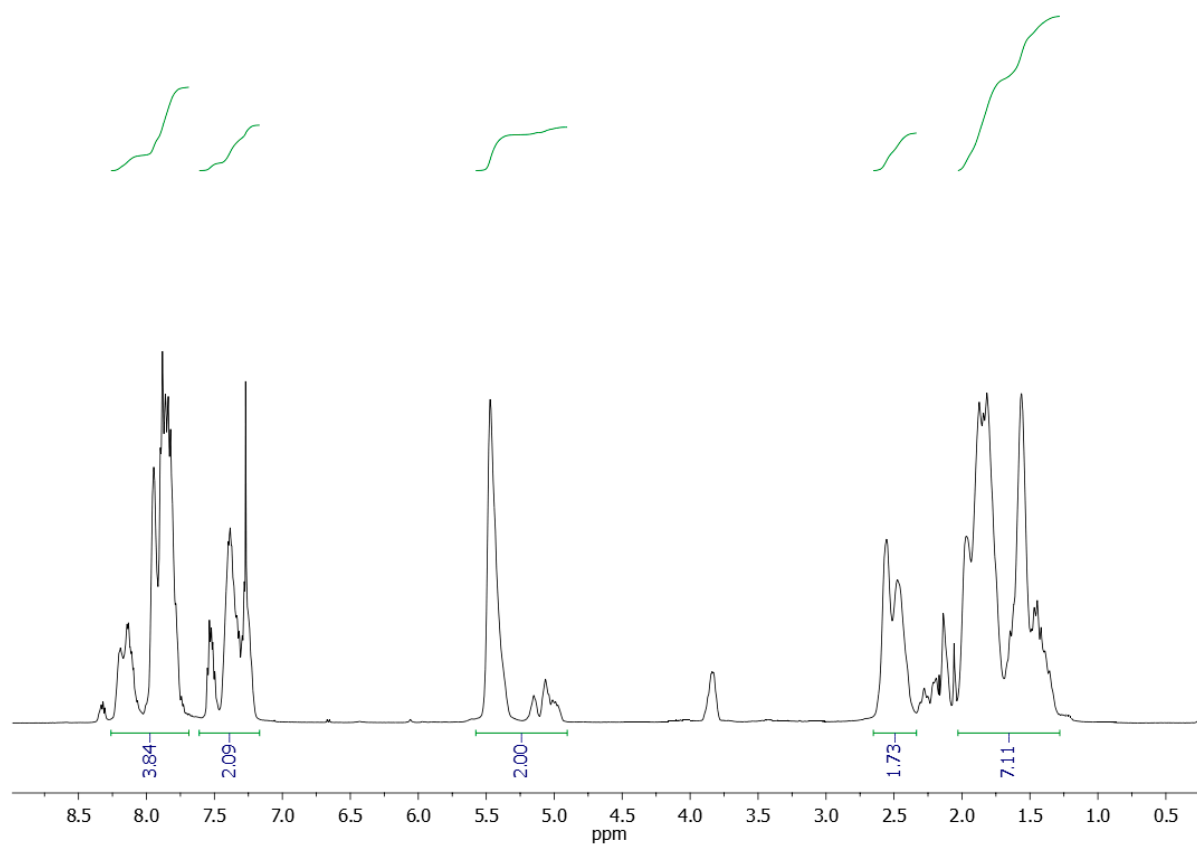


Figure S11. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of poly(NA-*alt*-CHO) (**13**)

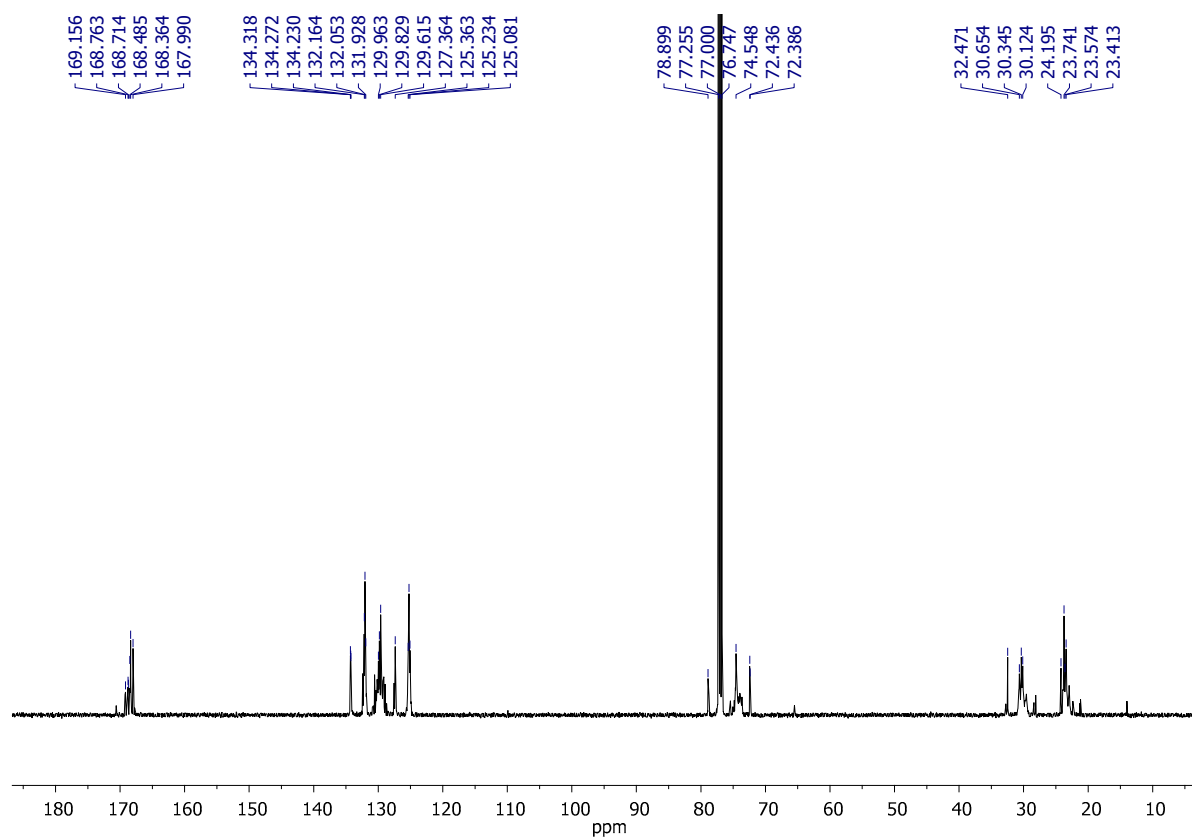
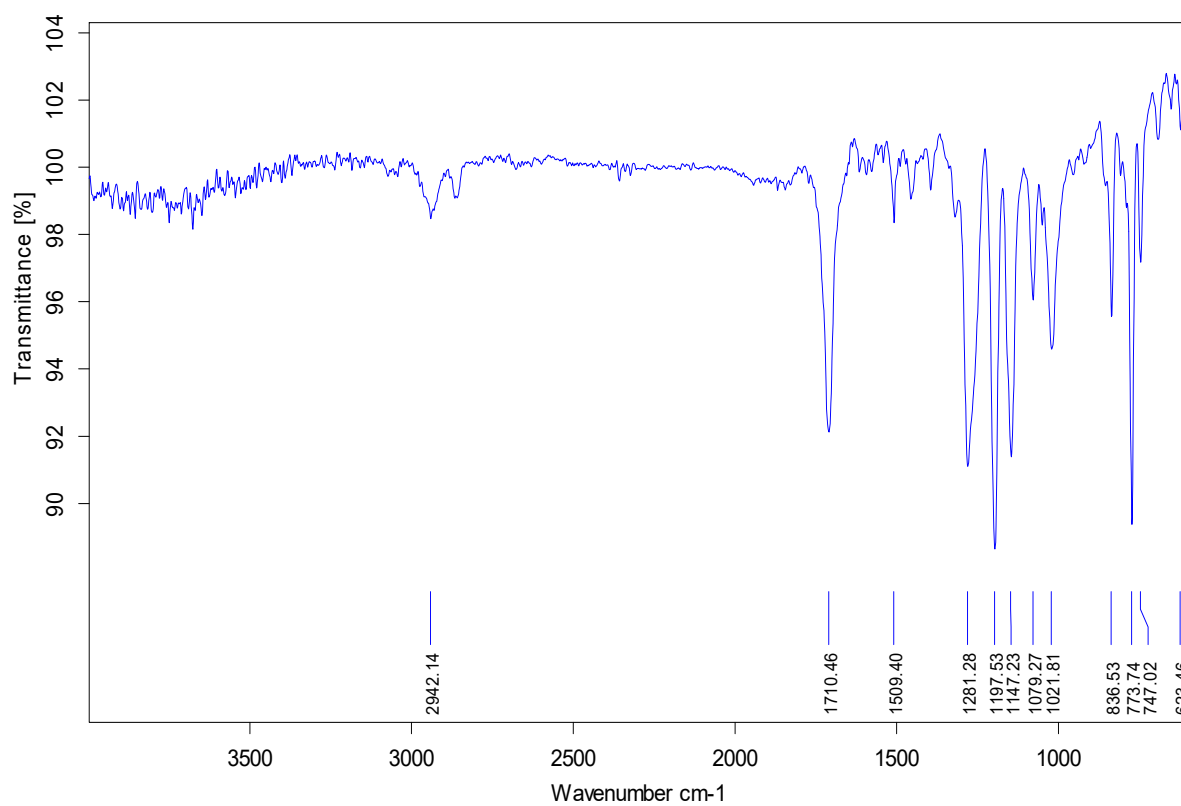


Figure S12. IR spectra of: a) poly(NA-*alt*-CHO) (**13**), b) NA (**10**)

a)



b)

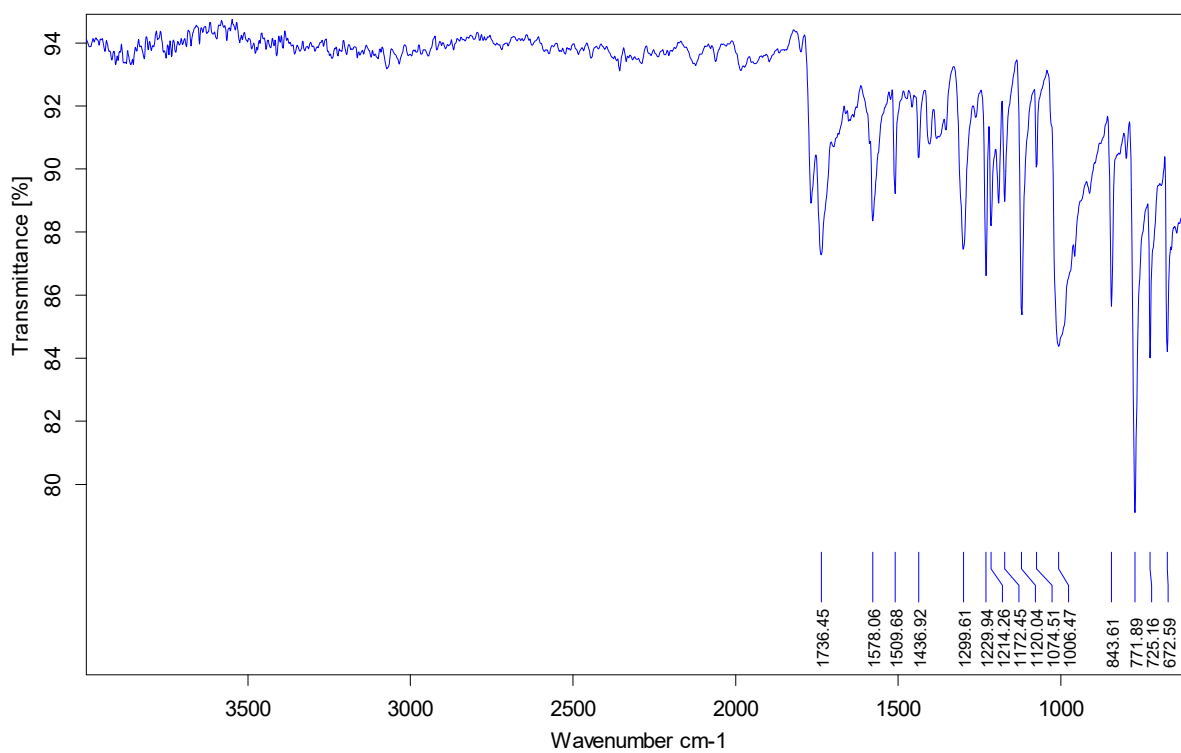


Figure S13. GPC profile of poly(PA-*alt*-CHO) (6)

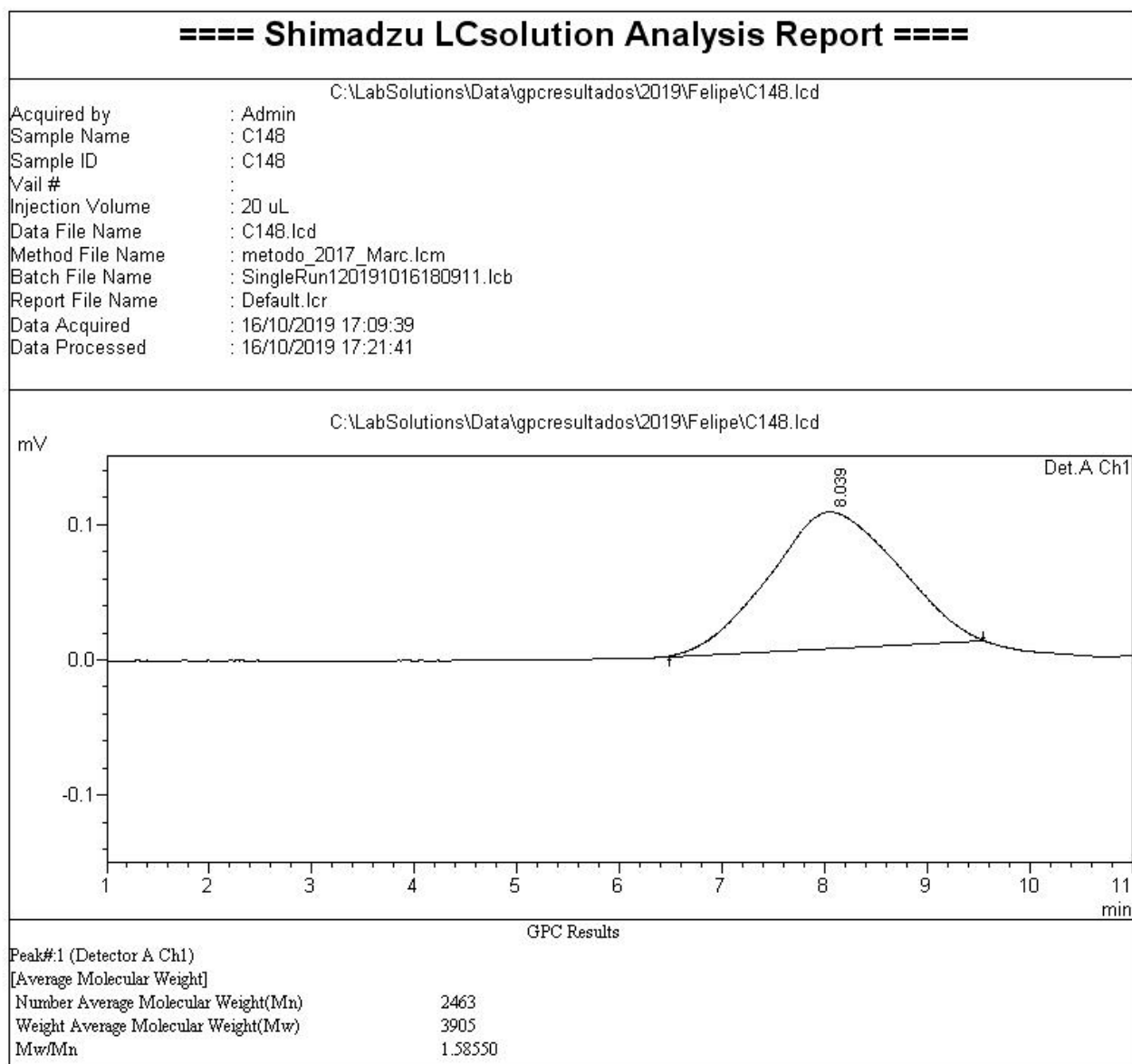


Figure S14. MALDI-ToF spectrum of poly(PA-*alt*-CHO) (6)

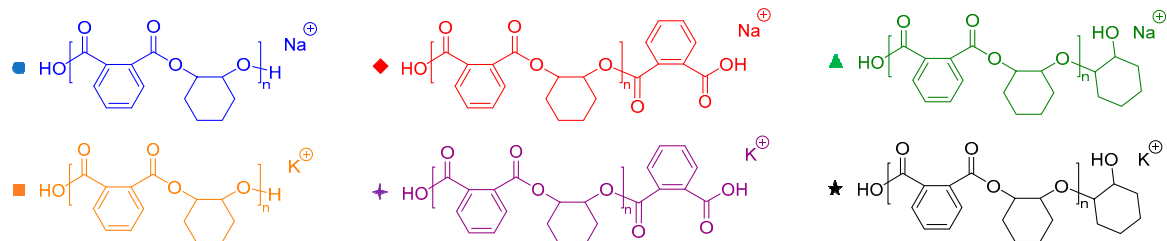
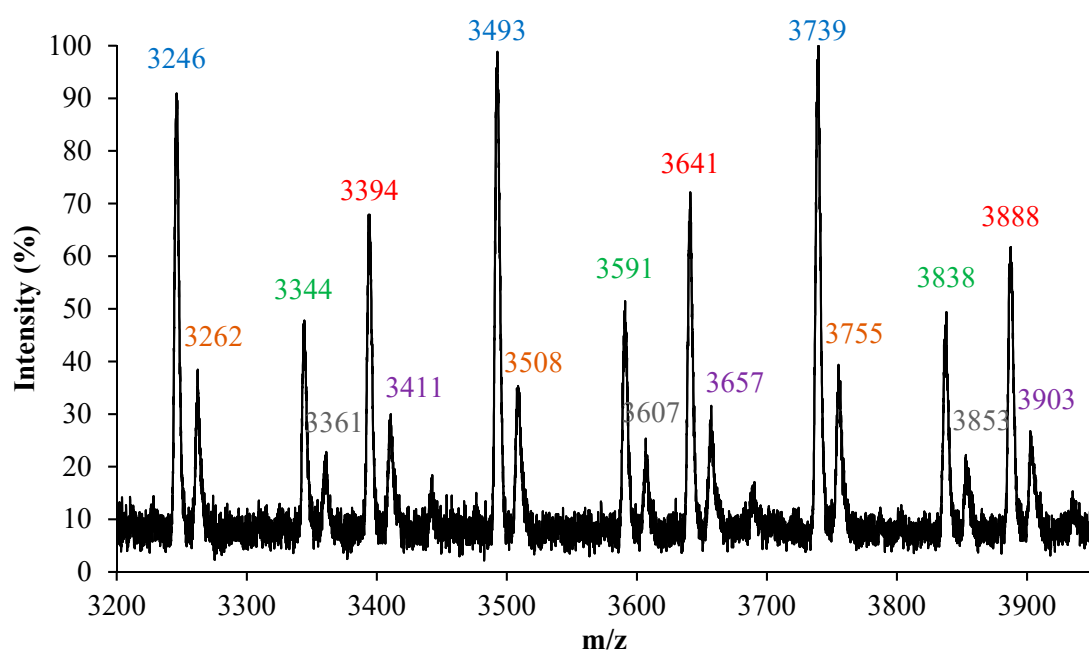
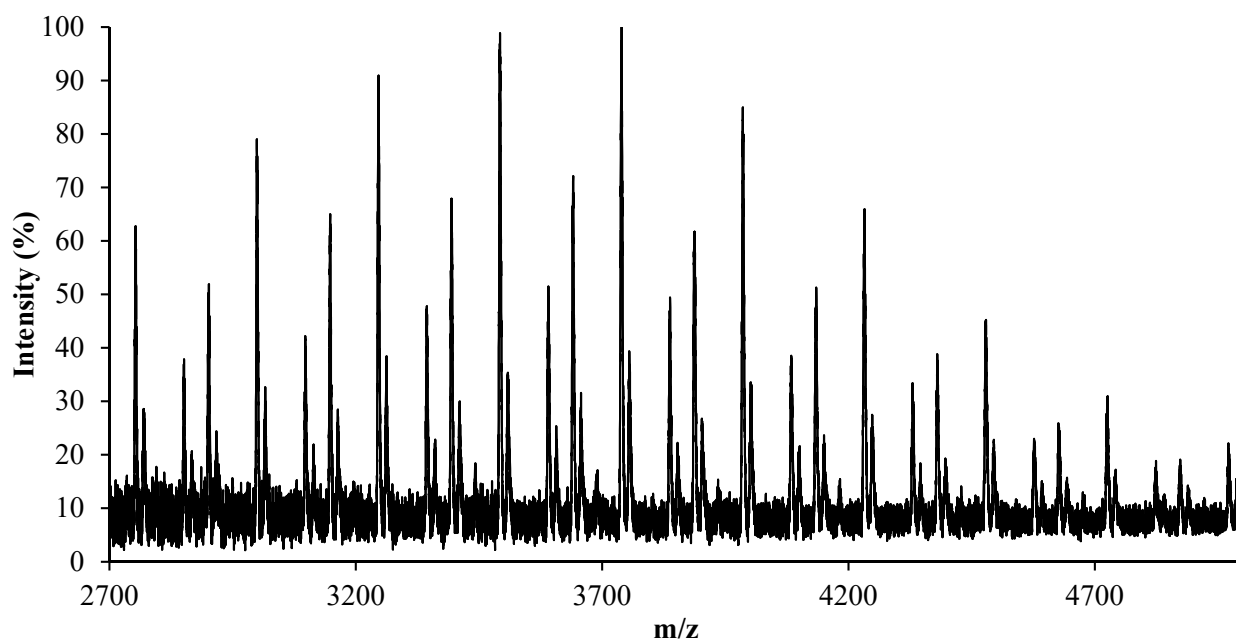


Figure S15. TGA analysis of poly(PA-*alt*-CHO) (6)

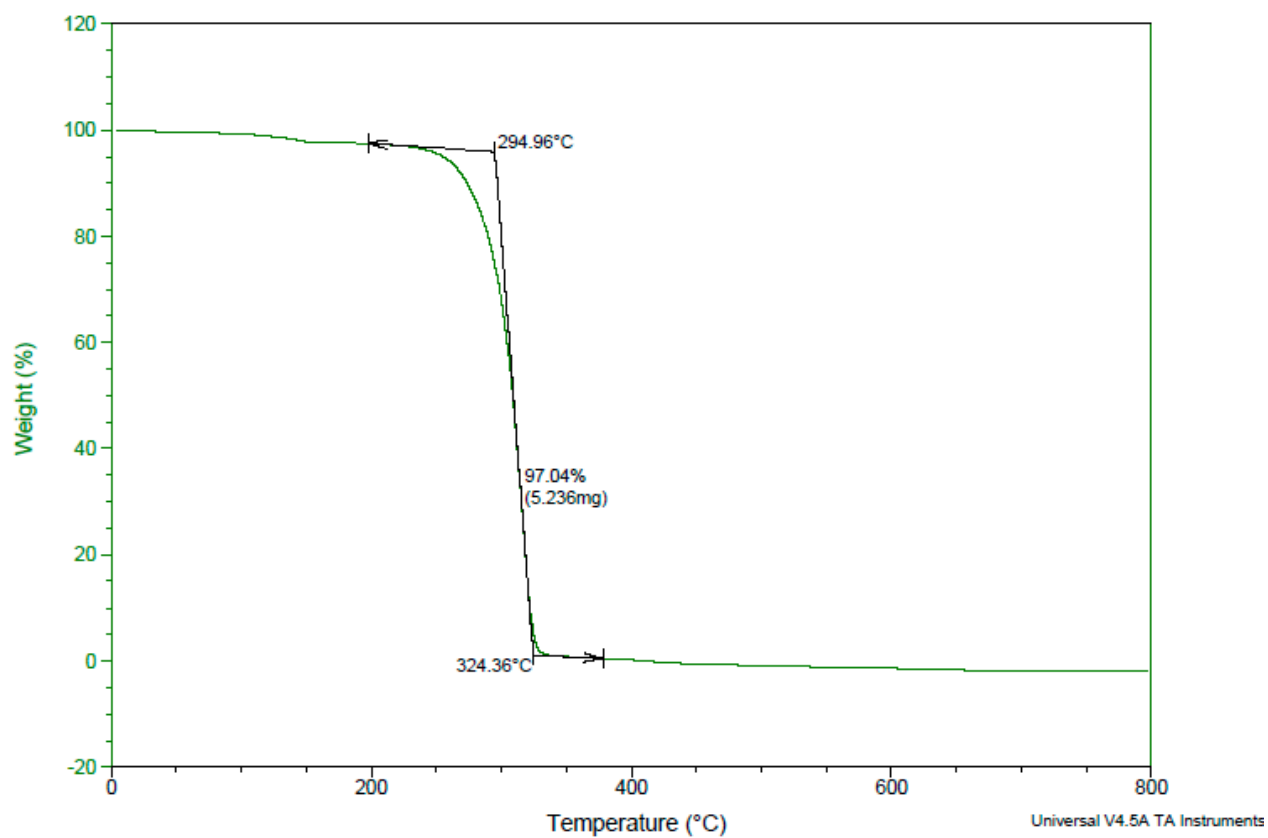


Figure S16. DSC analysis of poly(PA-*alt*-CHO) (6)

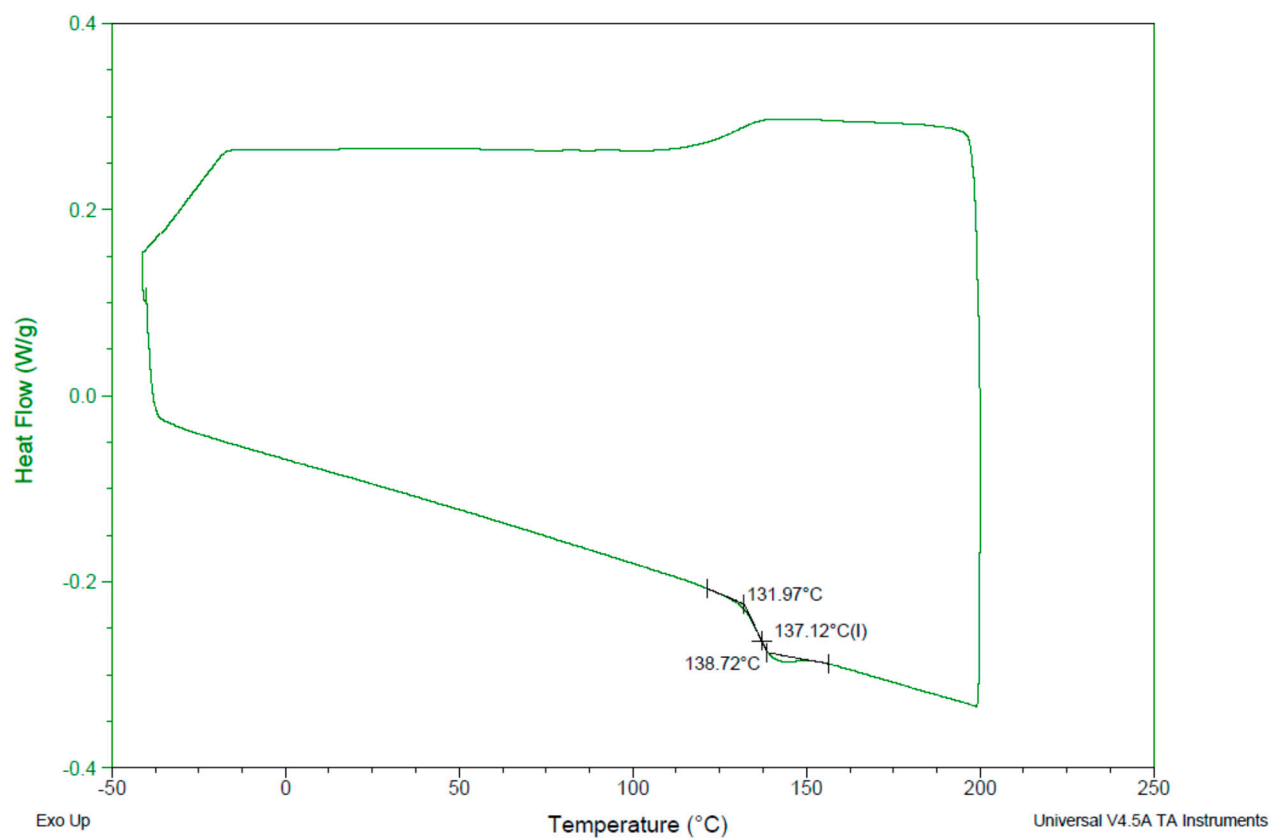


Figure S17. TGA analysis of poly(SA-*alt*-CHO) (**11**)

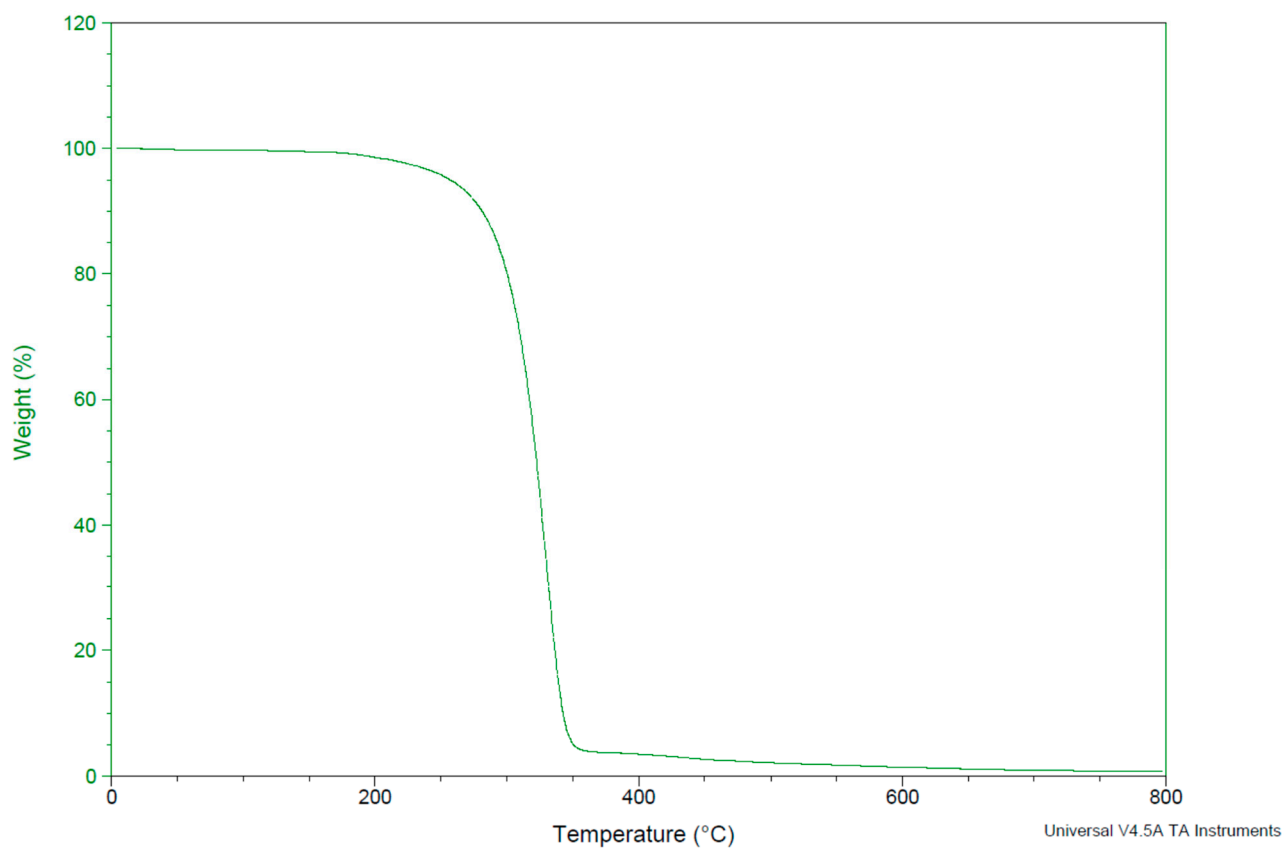


Figure S18. DSC analysis of poly(SA-*alt*-CHO) (**11**)

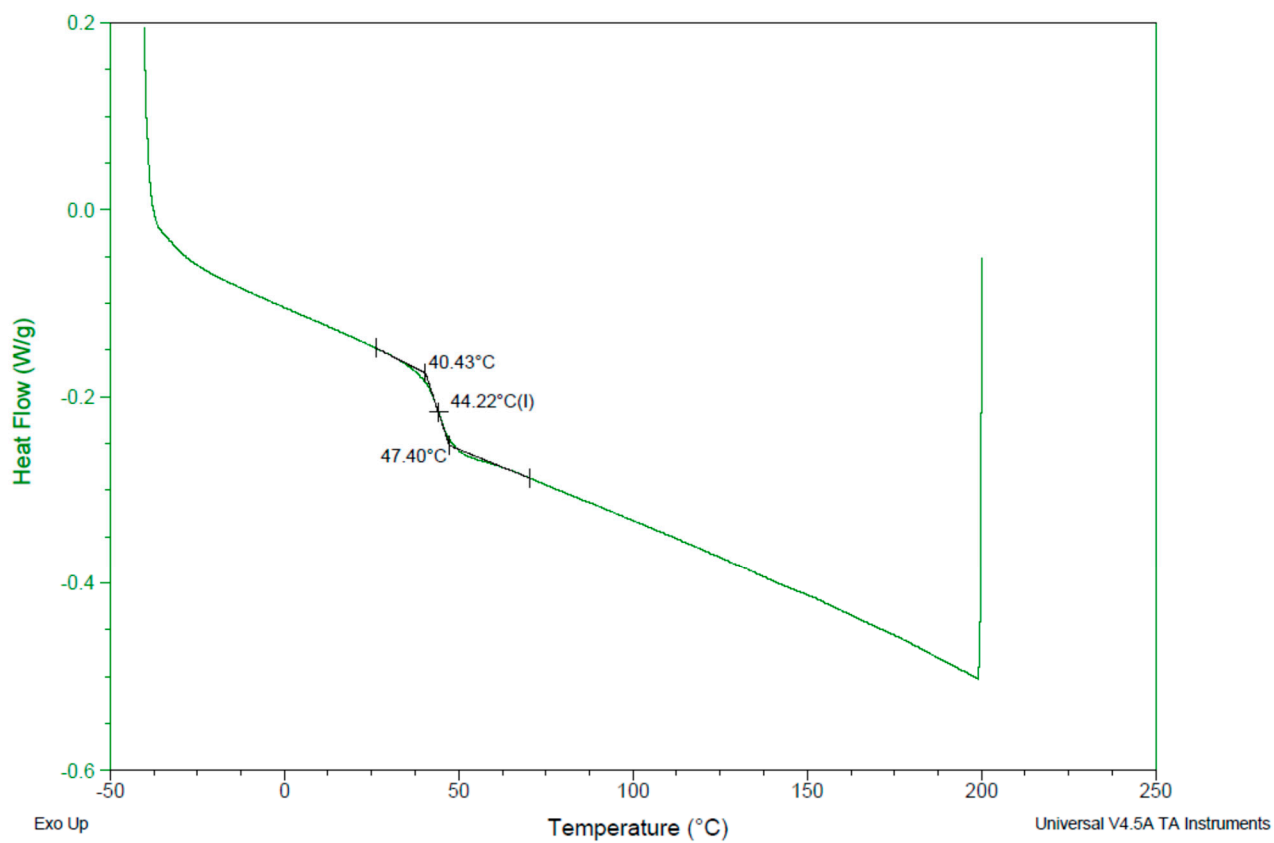


Figure S19. TGA analysis of poly(MA-*alt*-CHO) (**12**)

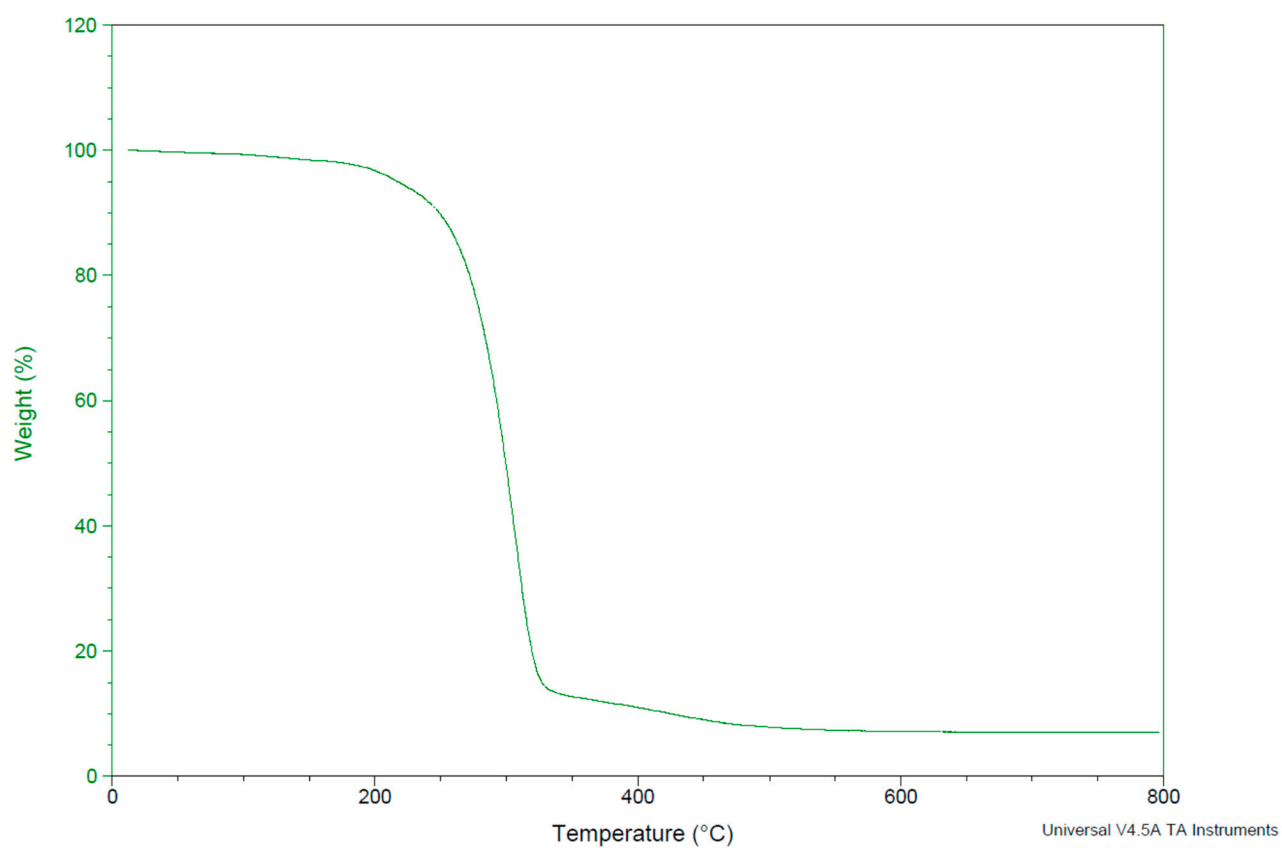


Figure S20. DSC analysis of poly(MA-*alt*-CHO) (**12**)

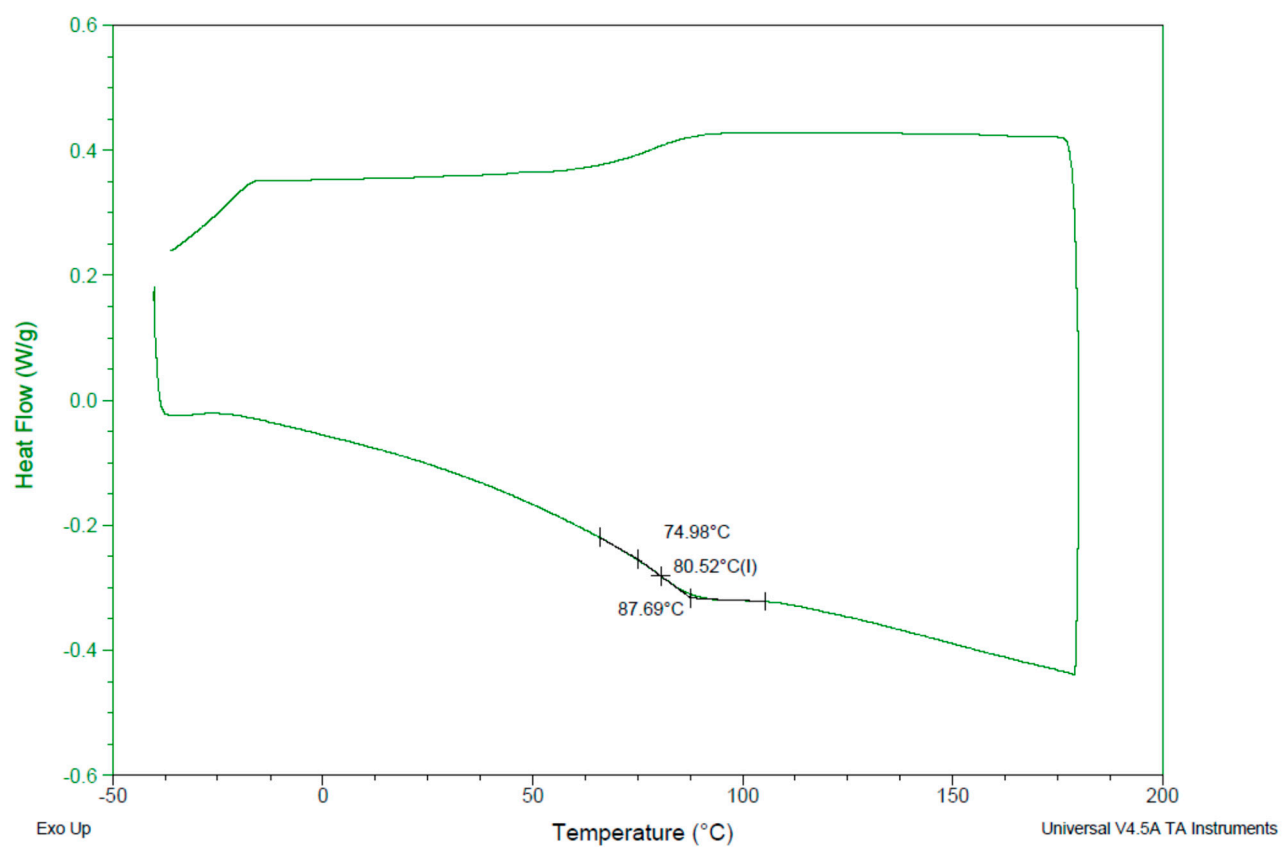


Figure S21. TGA analysis of poly(NA-*alt*-CHO) (**13**)

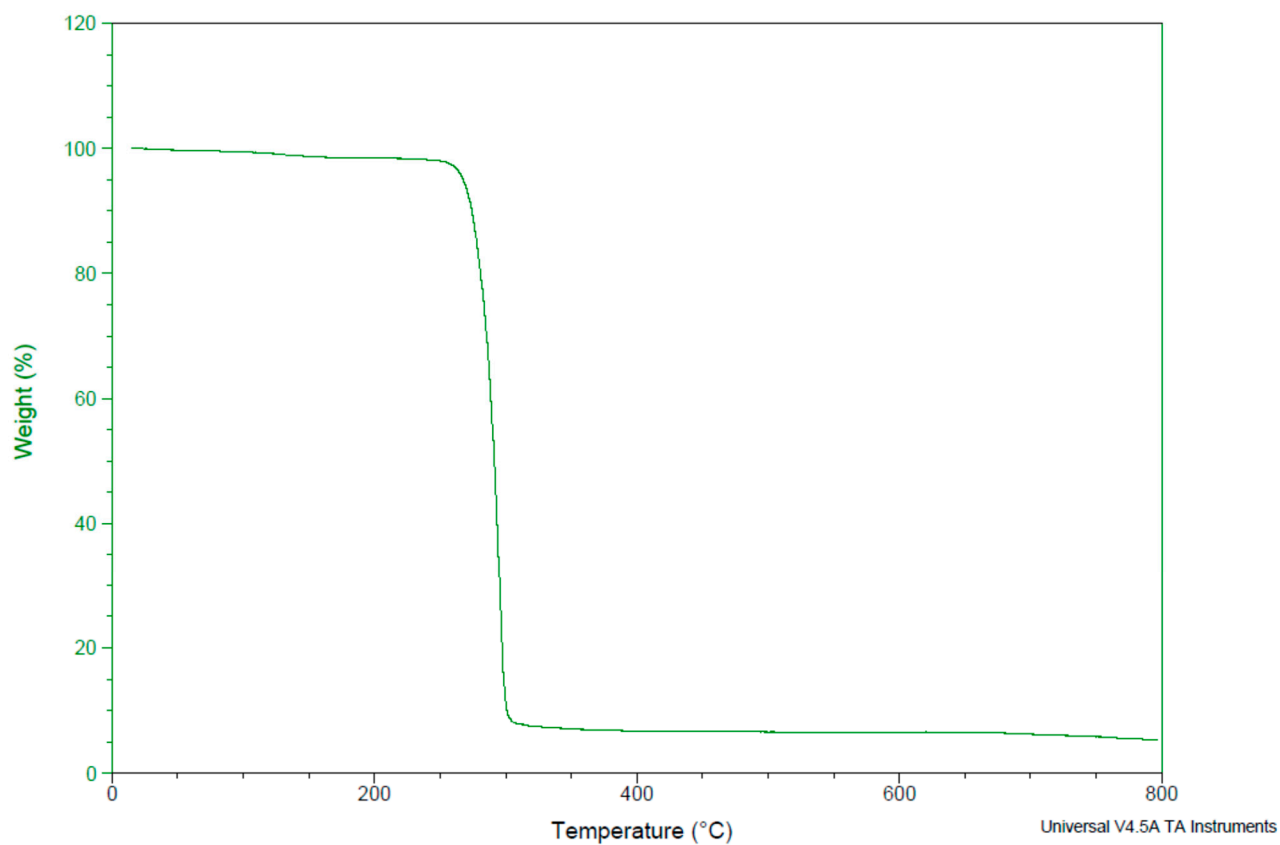


Figure S22. DSC analysis of poly(NA-*alt*-CHO) (**13**)

