

Supplementary Data

This supplementary data is a part of a paper entitled “Synthesis and Characterization of New Conjugated Polymers Based on Furan Ring from D-fructose and Their Photoluminescence and Thermal Properties”.

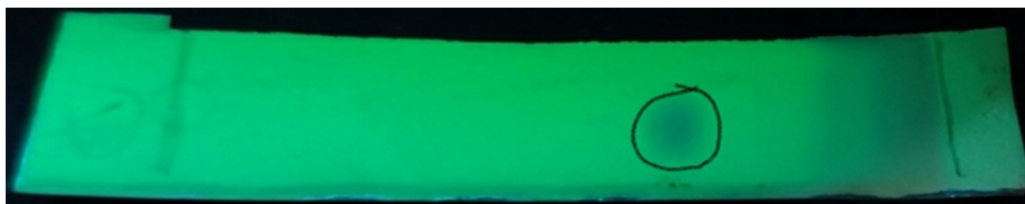


Fig S1. TLC analysis of compound F1

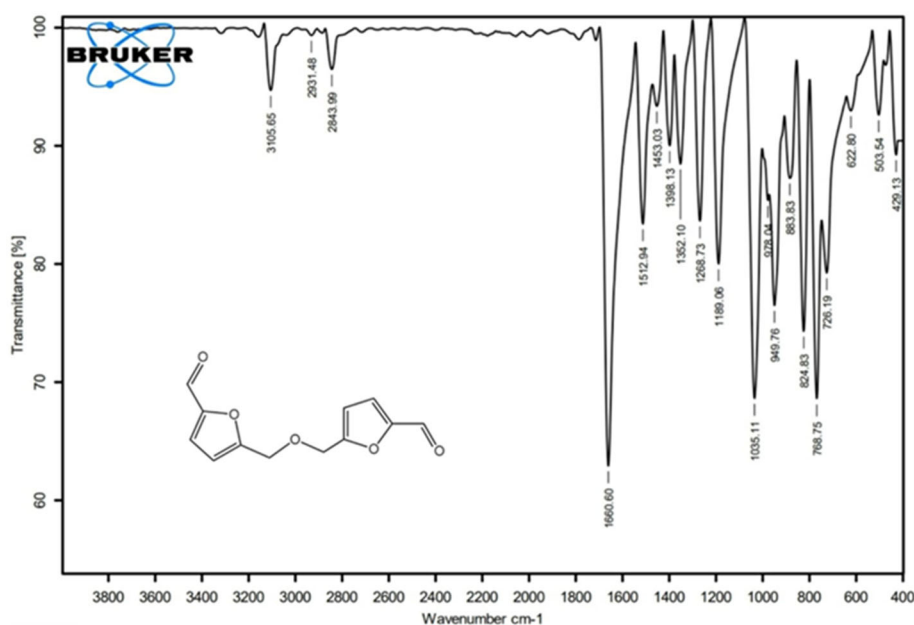


Fig S2. FTIR spectrum of compound F1

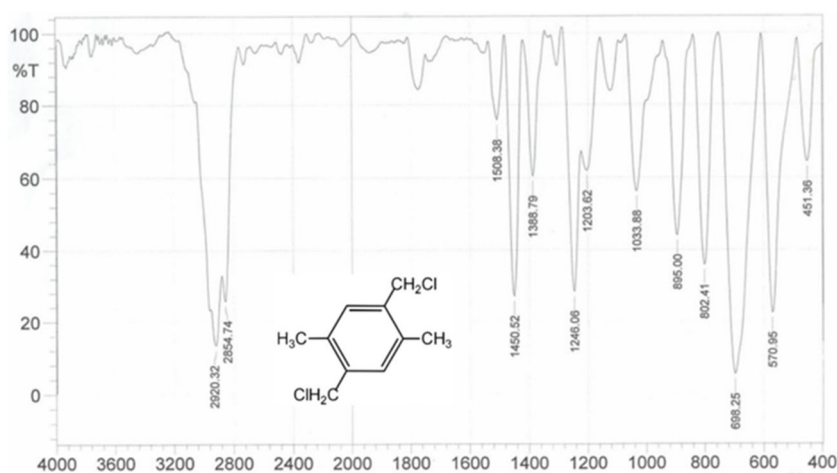


Fig S3. FTIR spectrum of compound M4

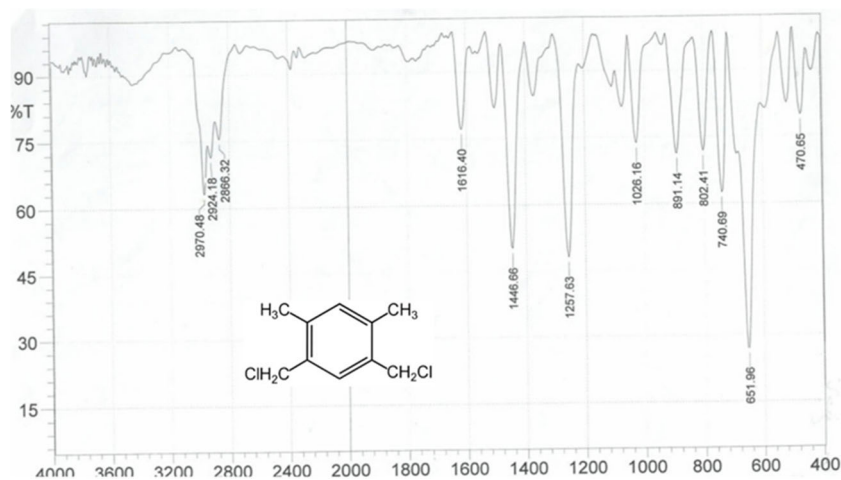


Fig S4. FTIR spectrum of compound M5

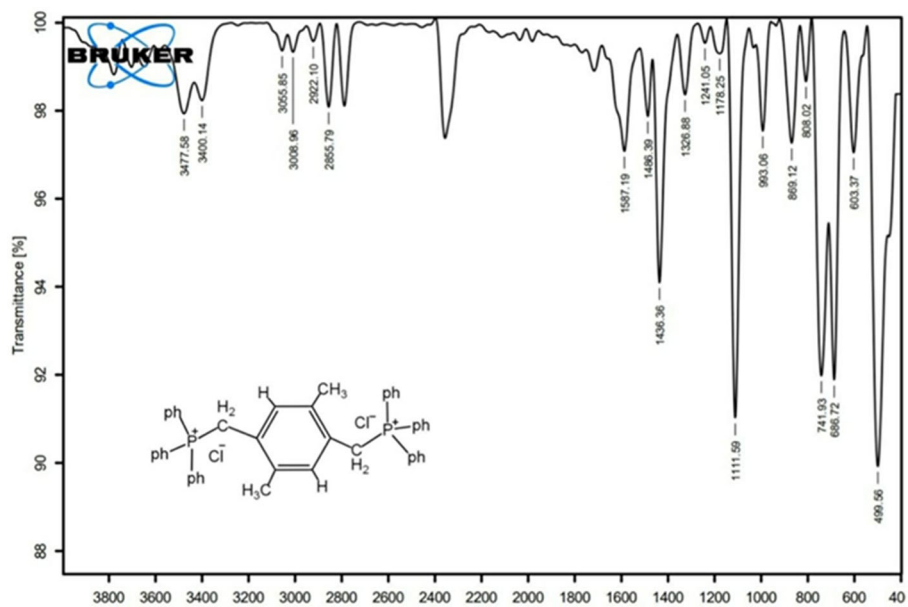


Fig S5. FTIR spectrum of compound W1

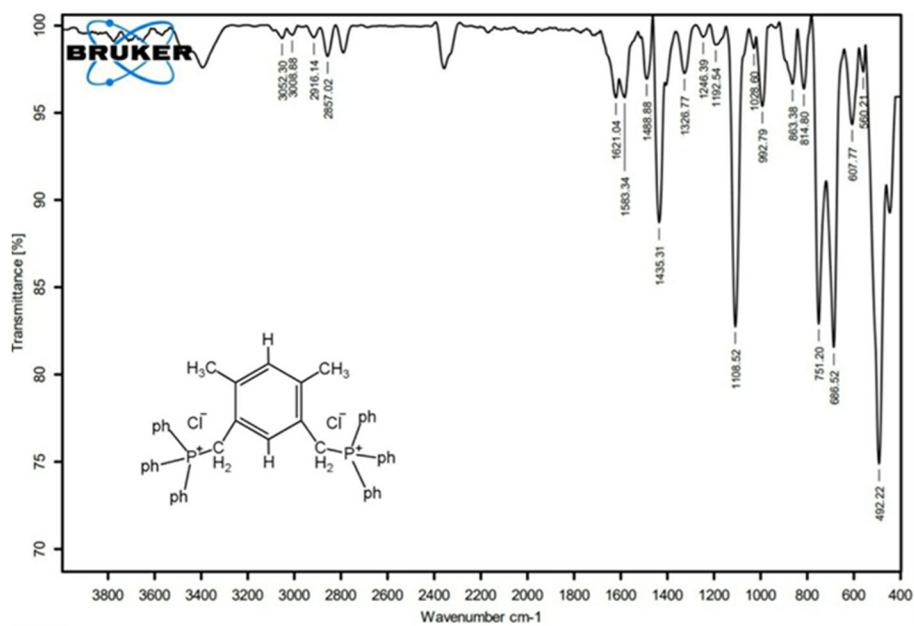


Fig S6. FTIR spectrum of compound W2

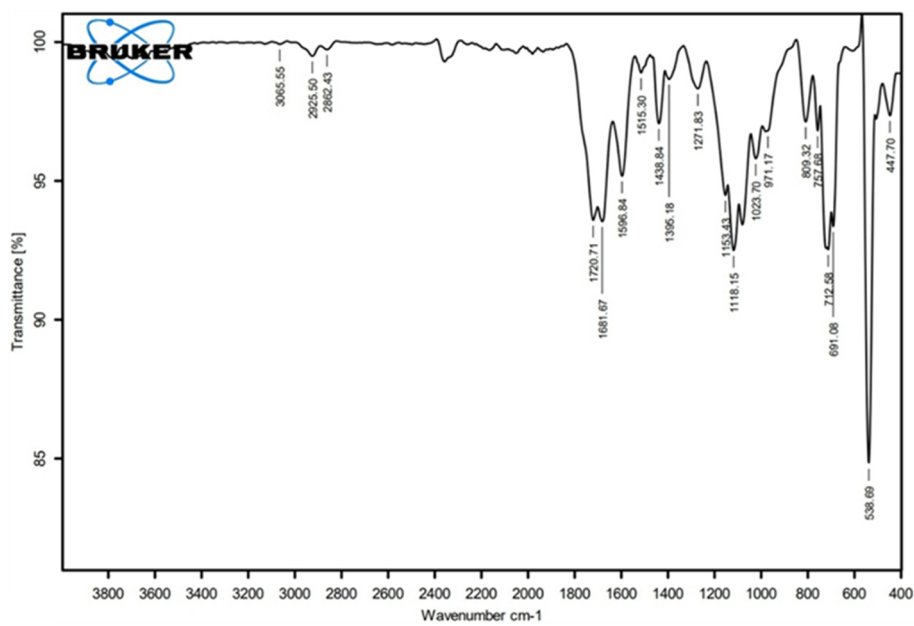


Fig S7. FTIR spectrum of polymer A1

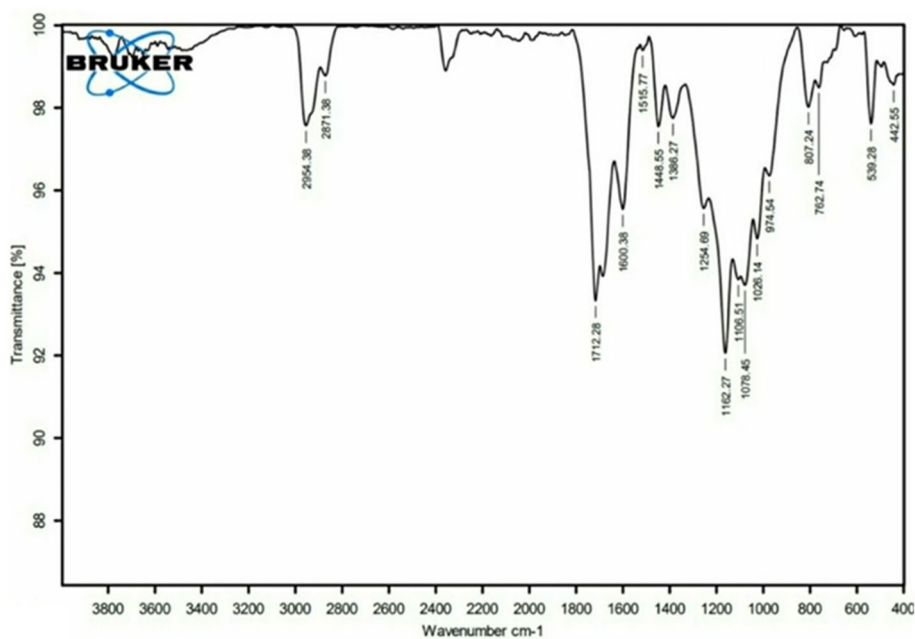


Fig S8. FTIR spectrum of polymer A2

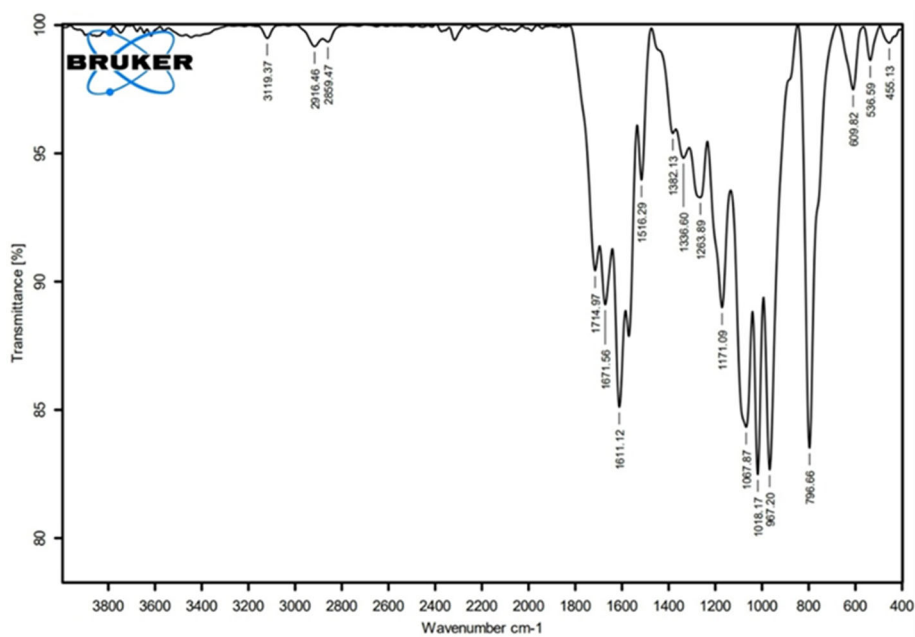


Fig S9. FTIR spectrum of polymer P1

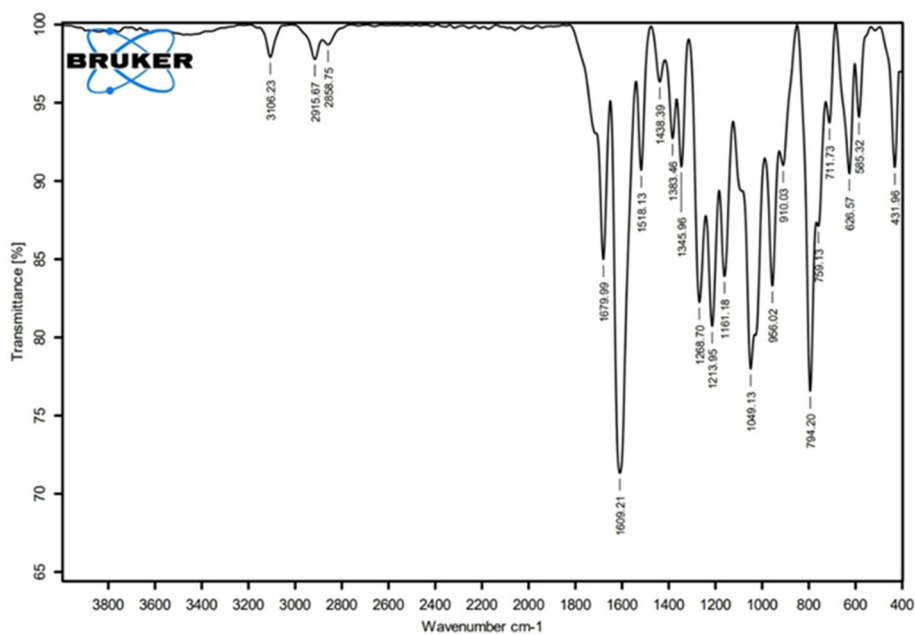


Fig S10. FTIR spectrum of polymer P2

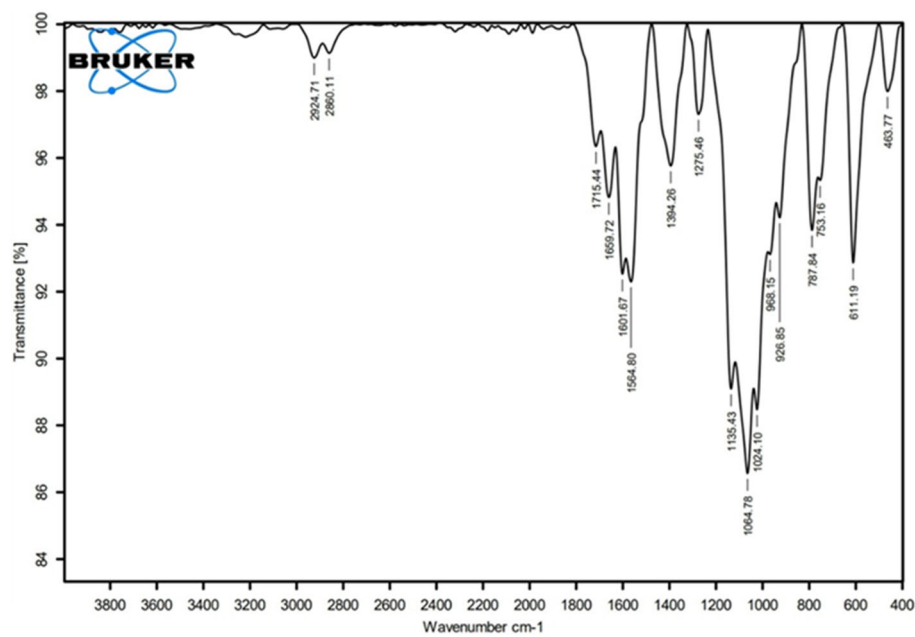
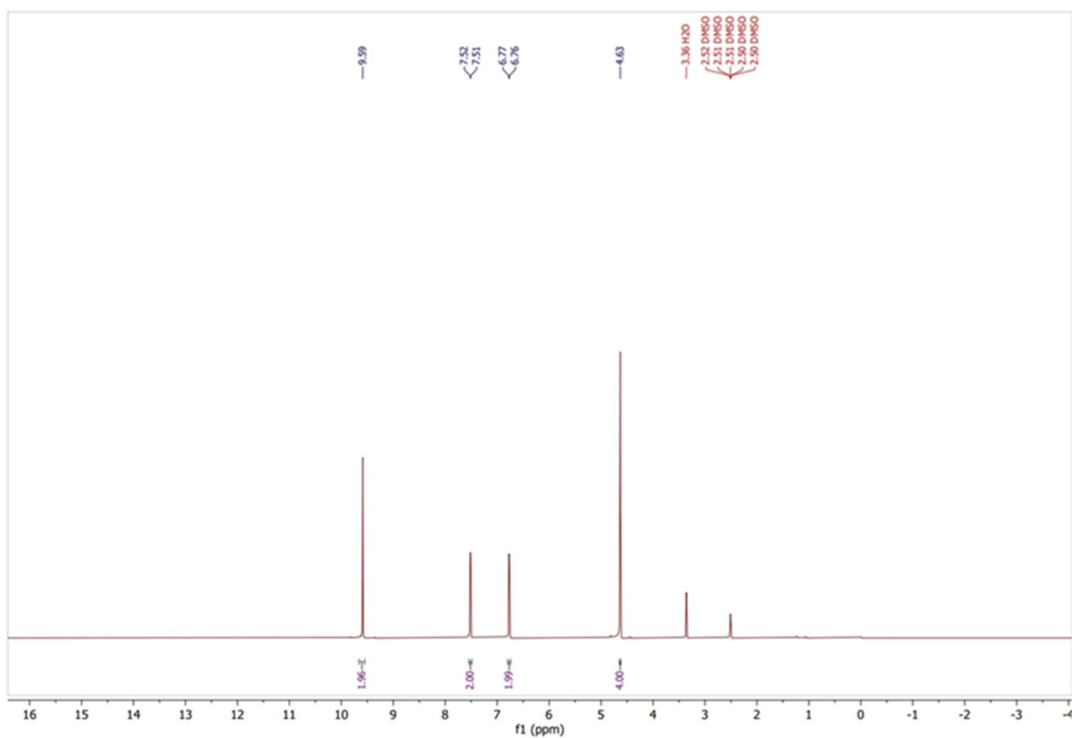
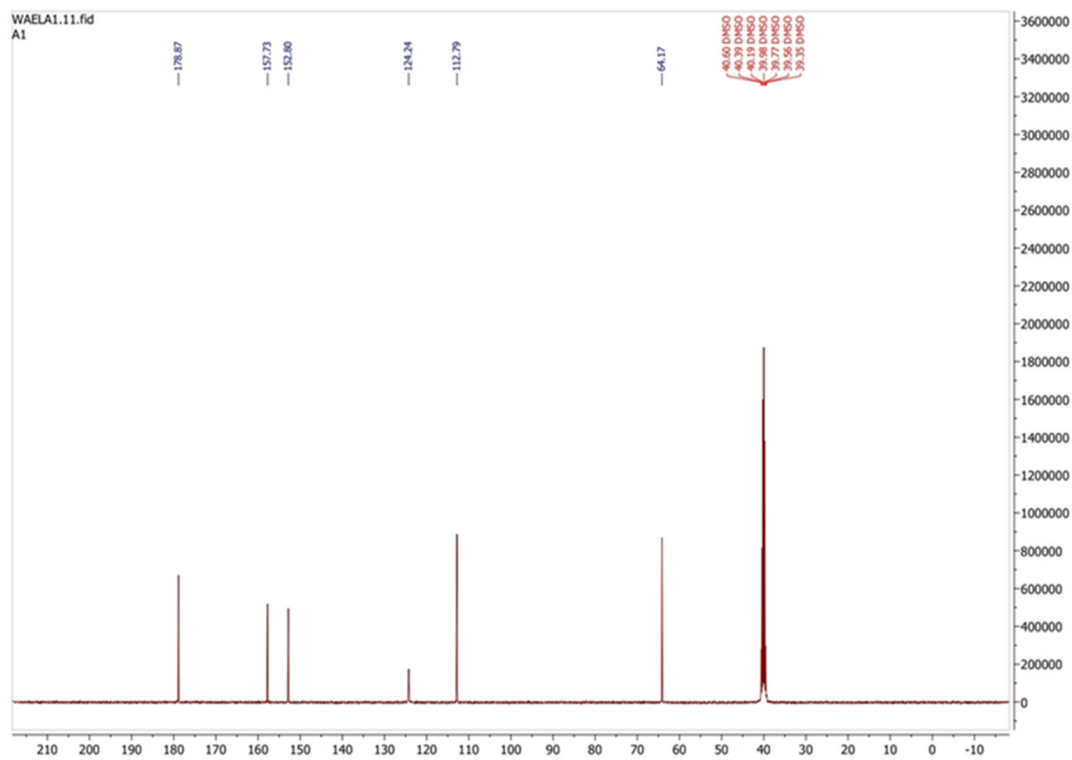


Fig S11. FTIR spectrum of polymer P3

Fig S12. ¹H-NMR spectrum of compound F1Fig S13. ¹³C-NMR spectrum of compound F1

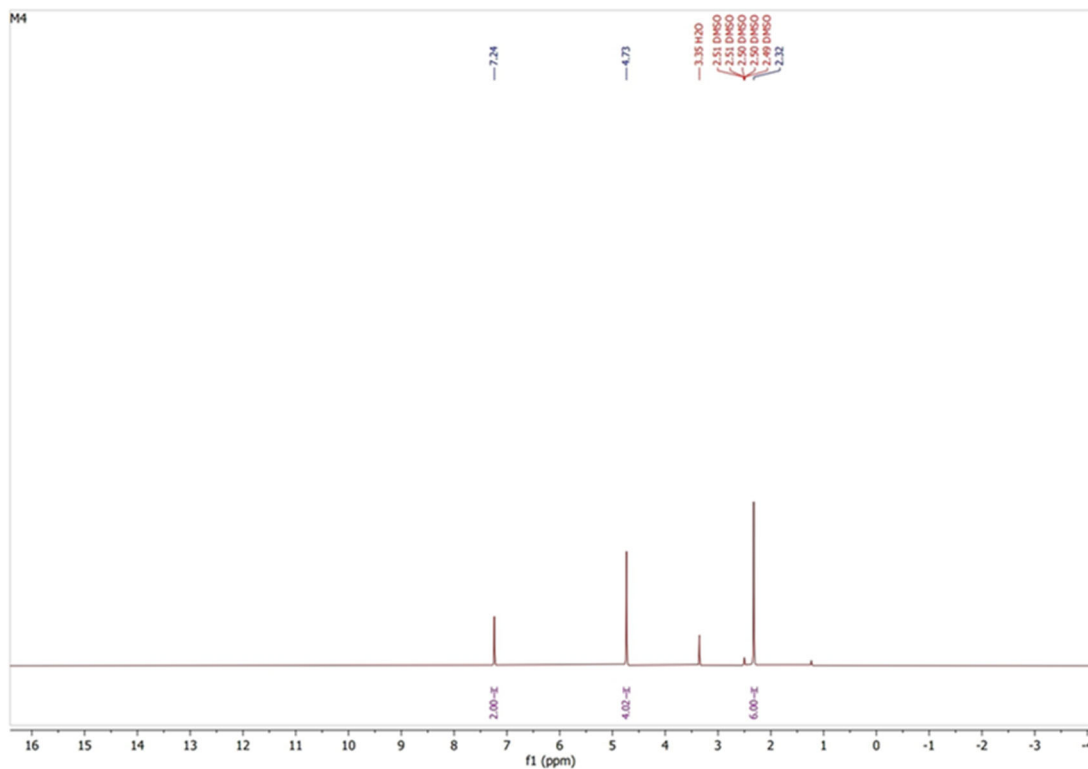


Fig S14. ¹H-NMR spectrum of compound M4

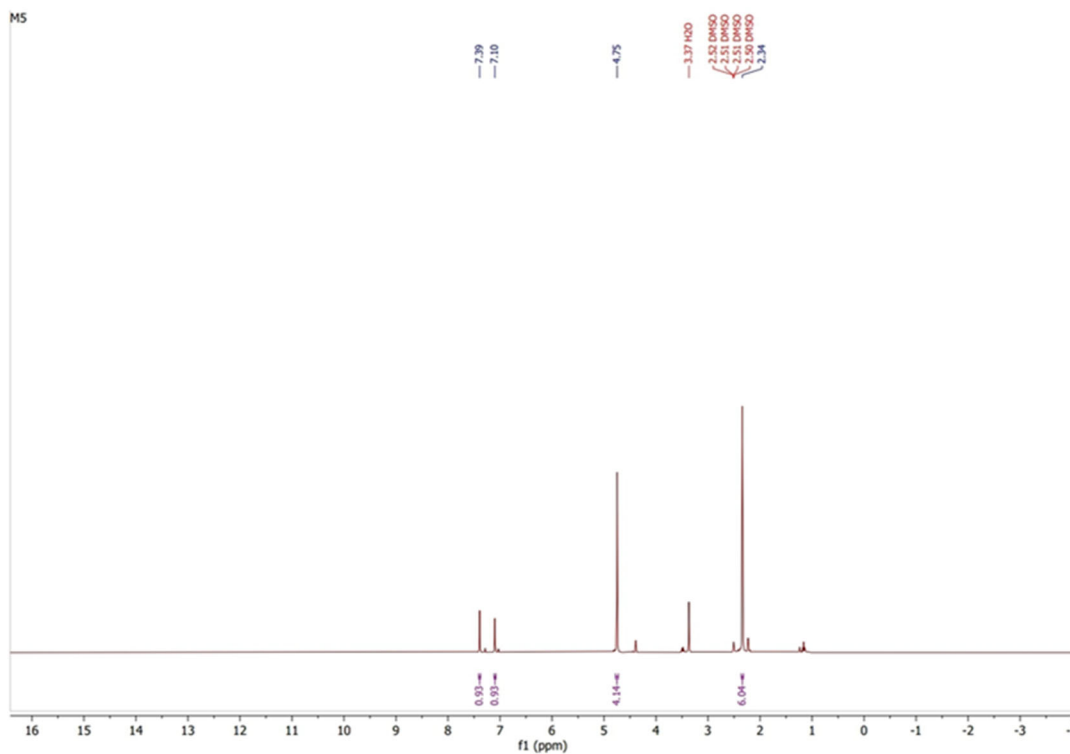
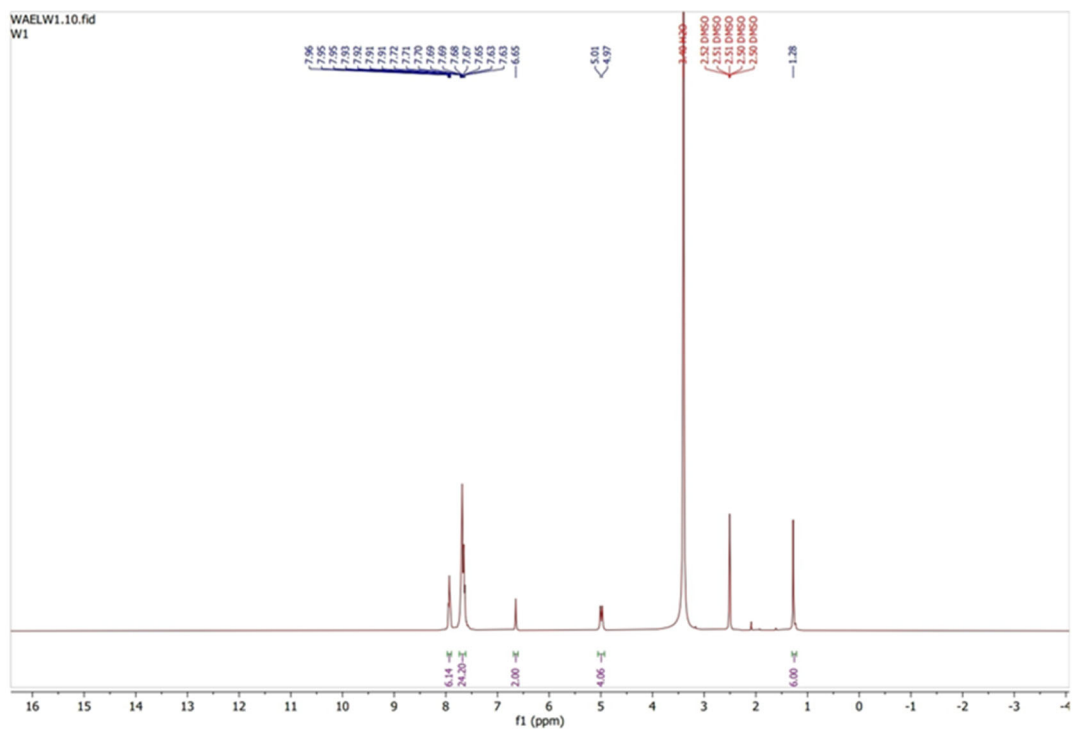
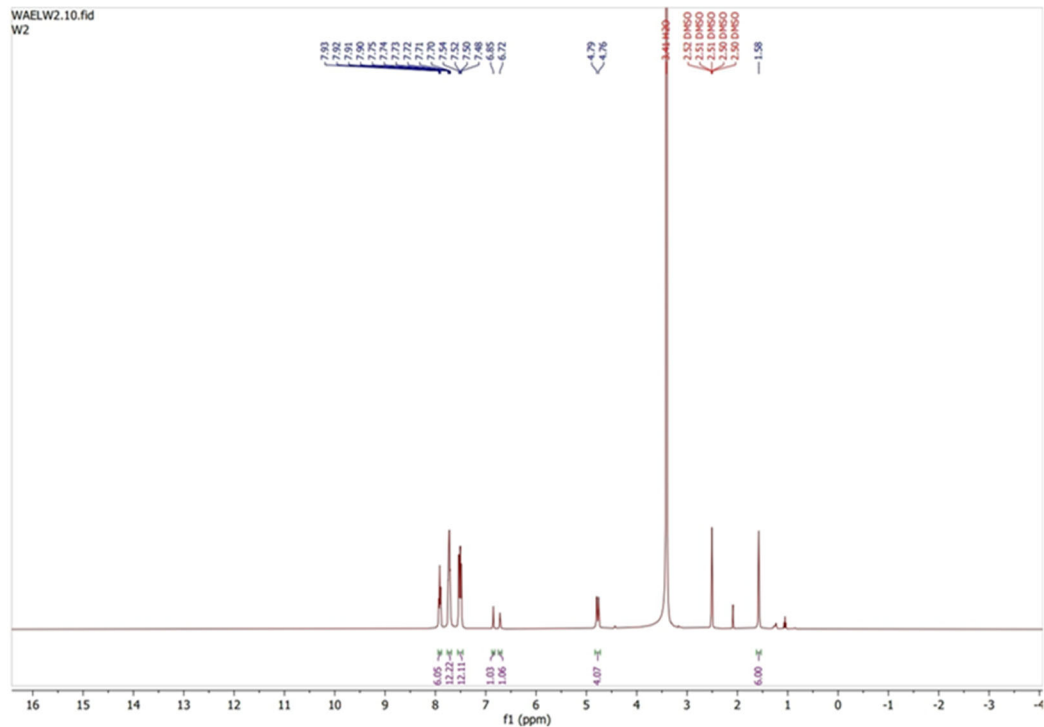


Fig S15. ¹H-NMR spectrum of compound M5

Fig S16. ¹H-NMR spectrum of compound W1Fig S17. ¹H-NMR spectrum of compound W2

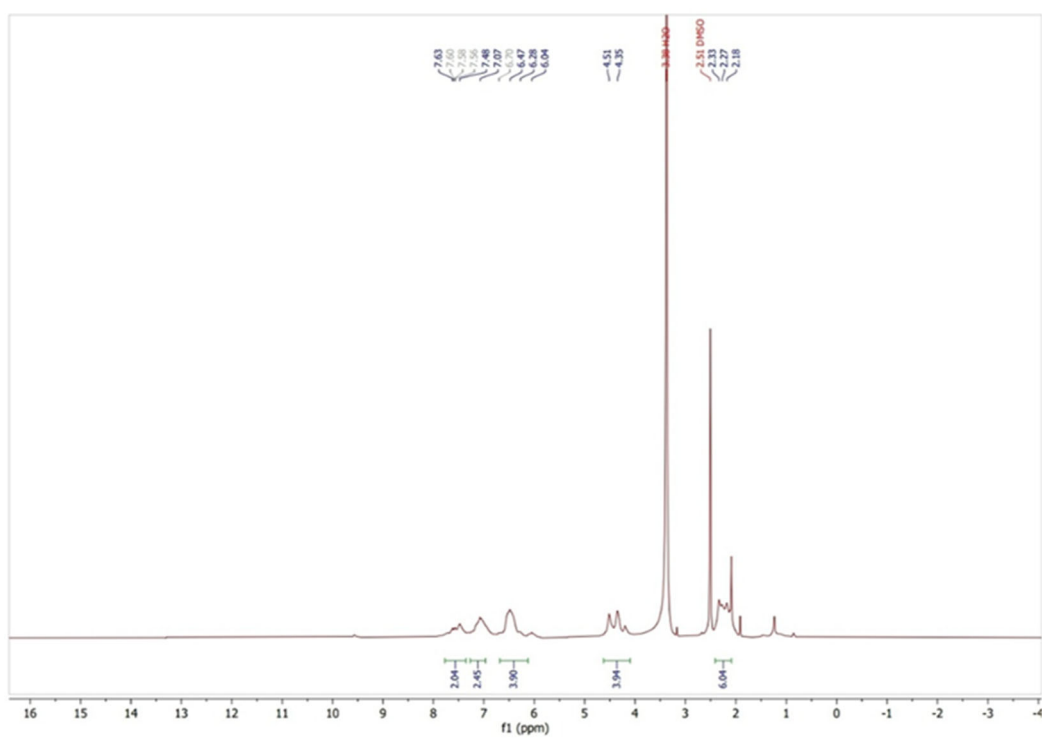


Fig S18. ¹H-NMR spectrum of polymer A1

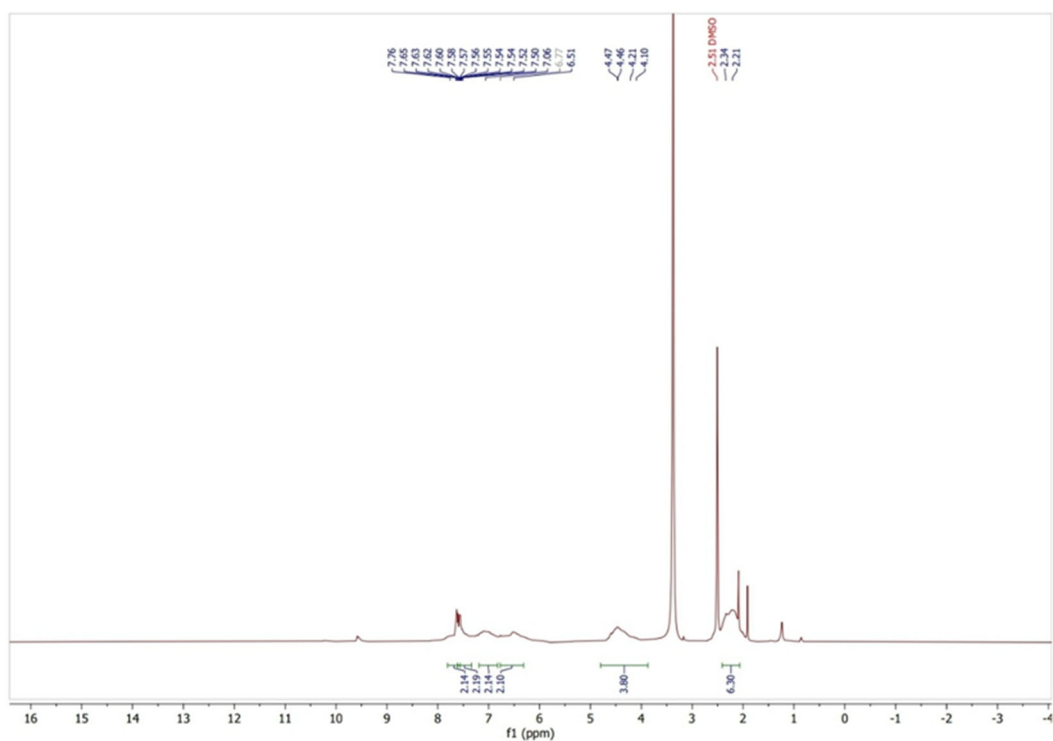


Fig S19. ¹H-NMR spectrum of polymer A2

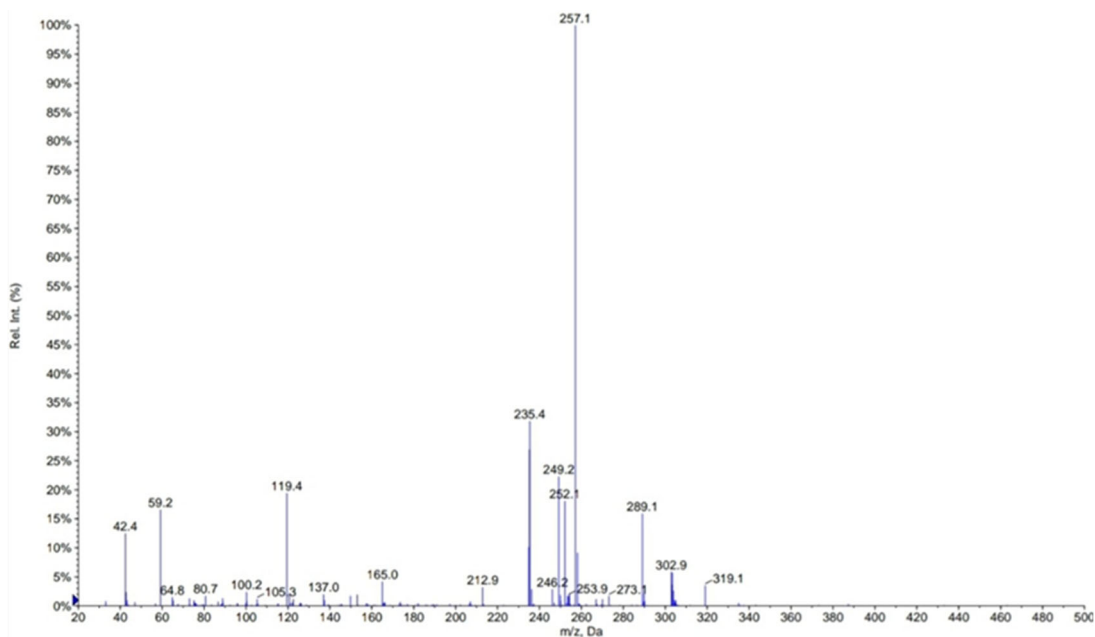


Fig S20. Mass spectrum of compound F1

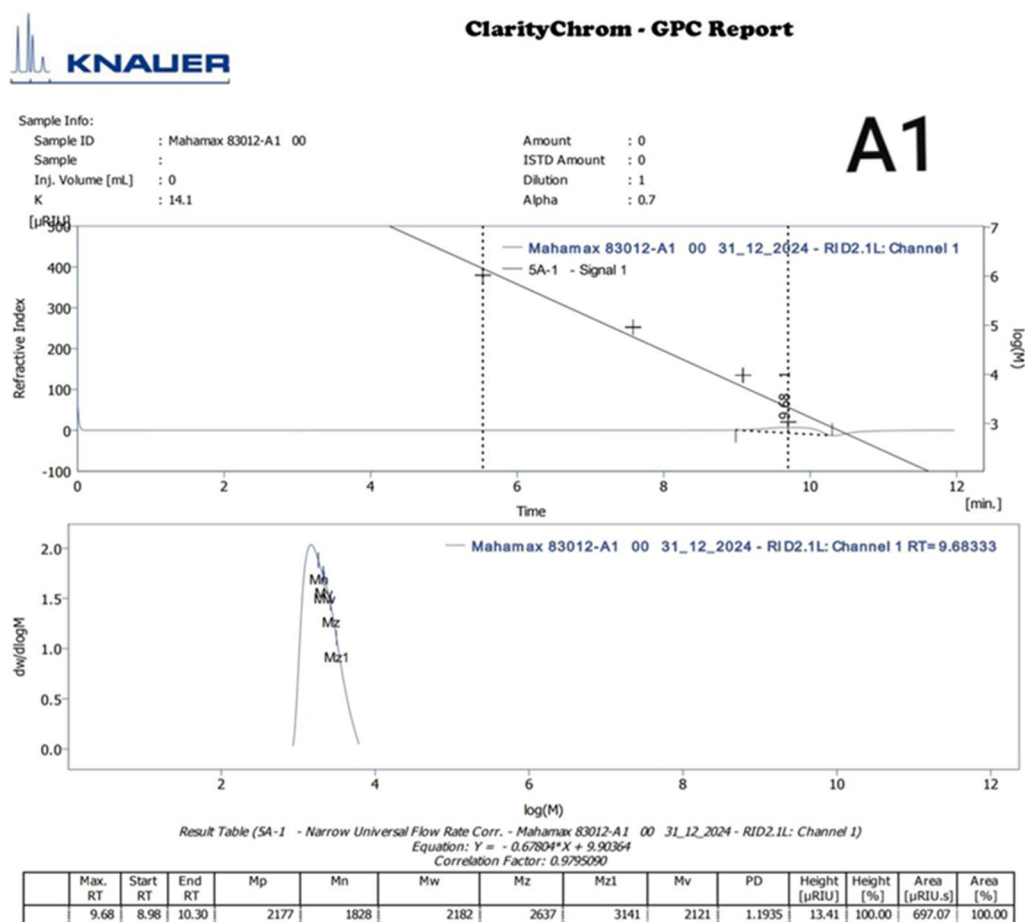


Fig S21. GPC analysis of polymer A1

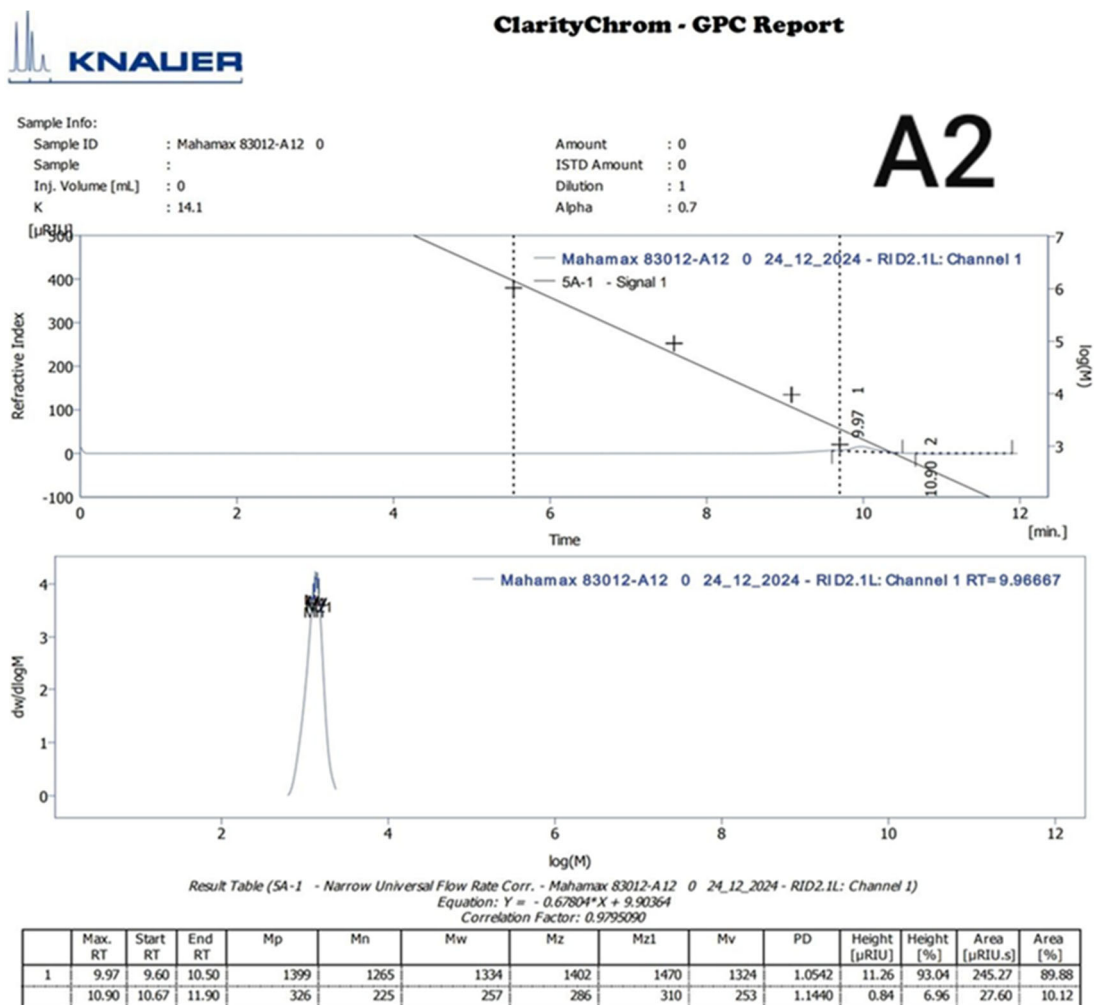


Fig S22. GPC analysis of polymer A2