

Copolymerization and Phase Separation Behaviors of Benzoxazine-Amine Thermoset

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Supporting Information

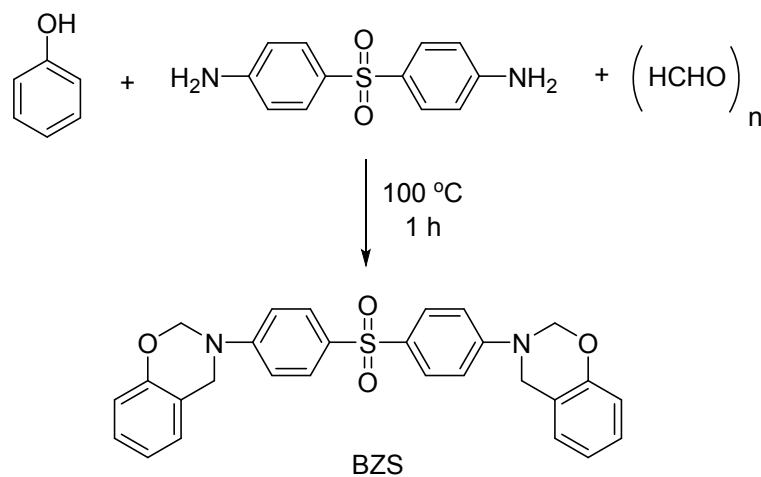


Figure S1. Synthetic process of containing sulfone-Benzoxazine Monomer

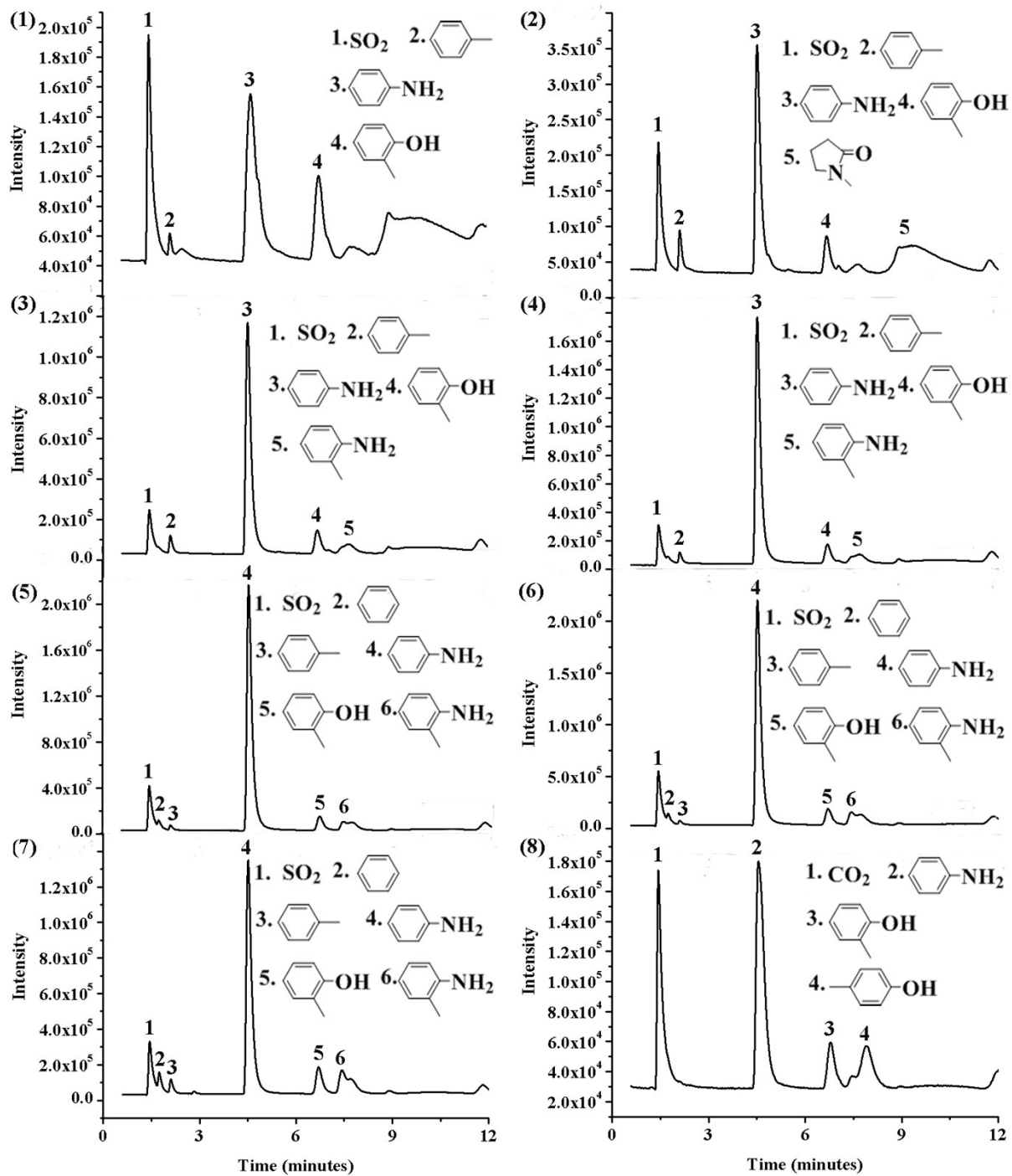


Figure S2. GC/MS results of the decomposition product evolved from the cured CBZS1 resin. TGA times are (1) 20 min, (2) 25 min, (3) 27 min, (4) 29.5 min, (5) 32 min, (6) 34 min, (7) 40min, (8) 42 min, (9) 46 min, and (10) 72 min, respectively.

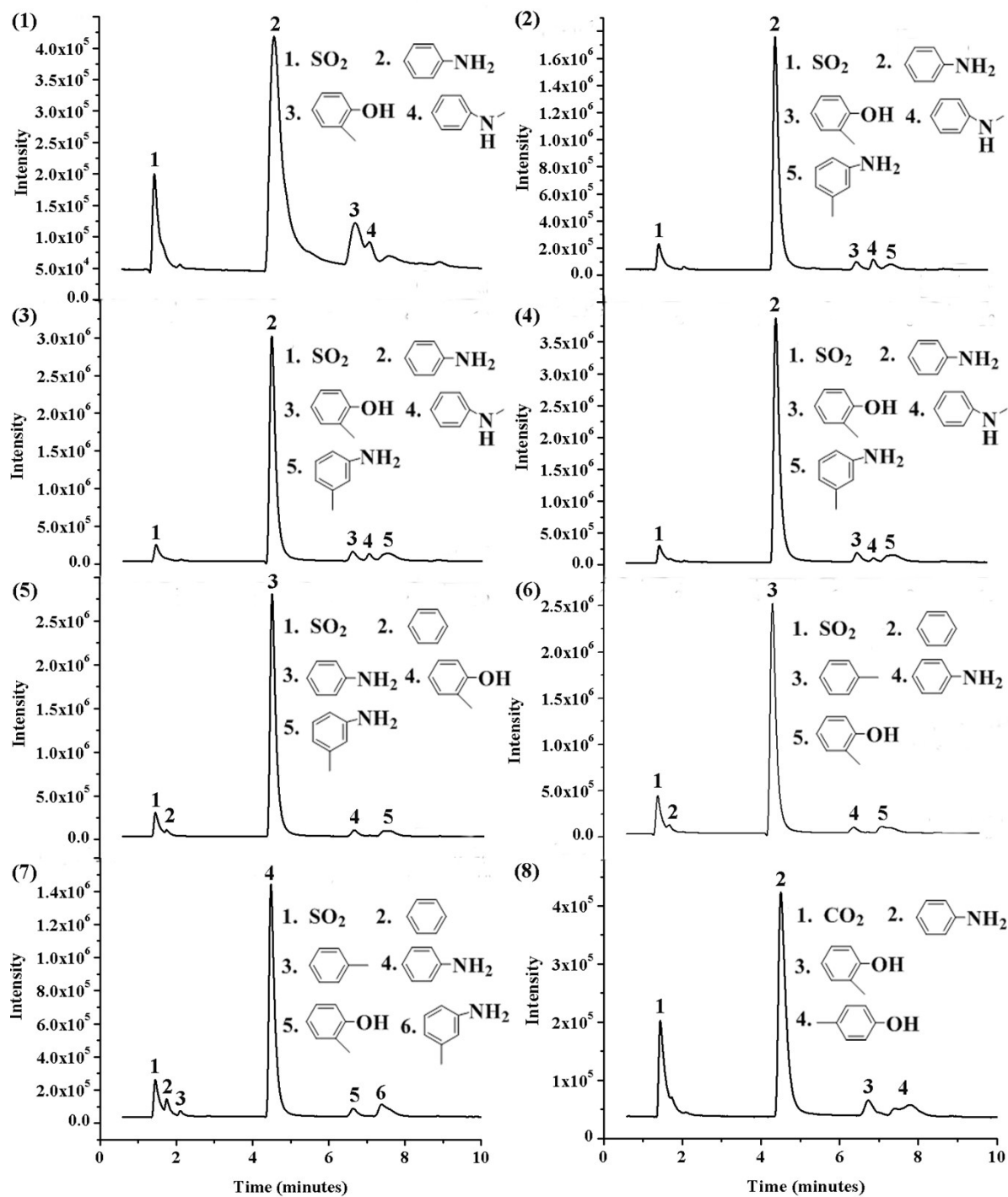


Figure S3. GC/MS results of the decomposition product evolved from the cured MBZ2 resin. TGA times are (1) 20 min, (2) 25 min, (3) 27 min, (4) 29.5 min, (5) 32 min, (6) 34 min, (7) 40min, (8) 42 min, (9) 46 min, and (10) 72 min, respectively.

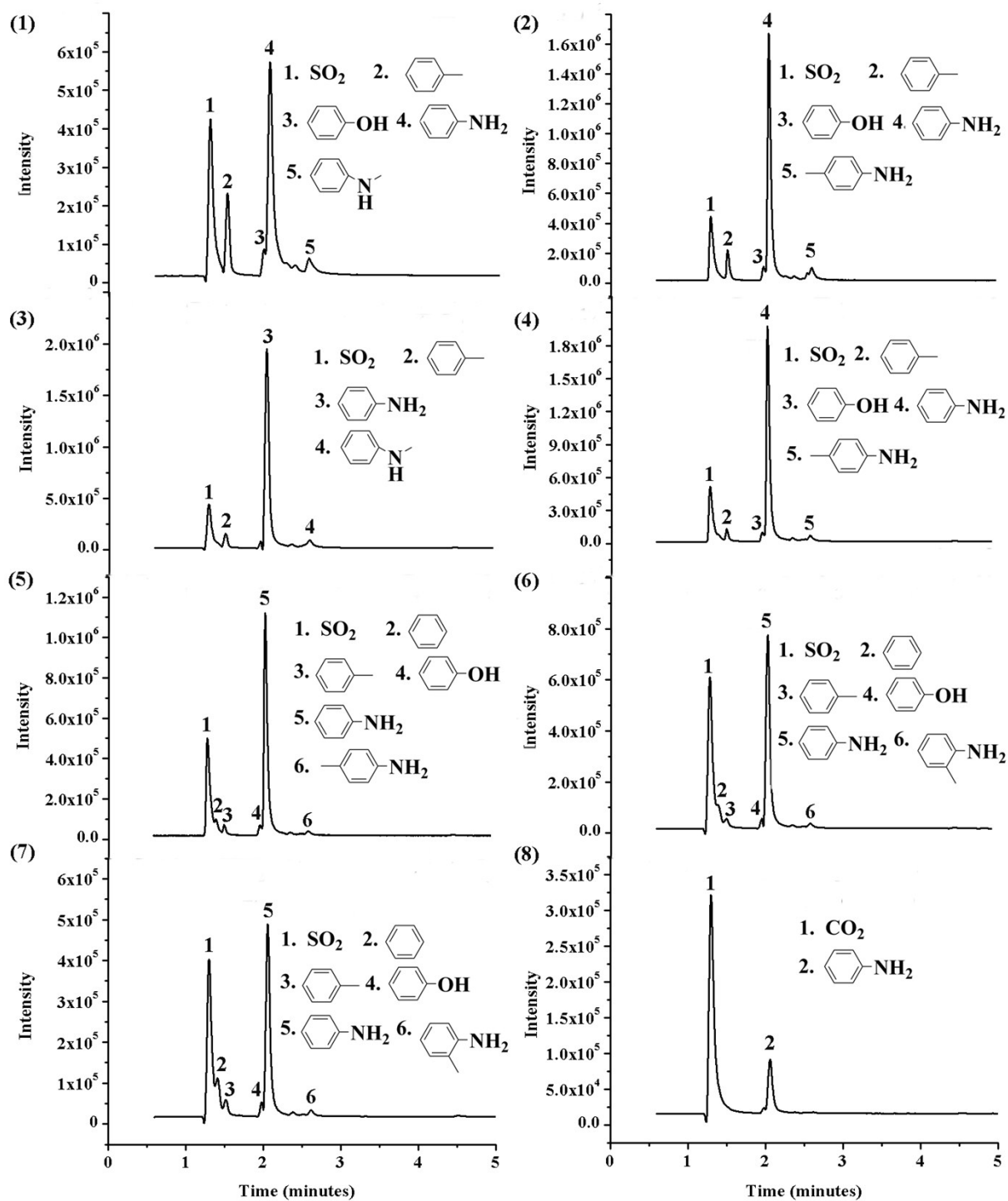


Figure S4. GC/MS results of the decomposition product evolved from the cured MBZ4 resin. TGA times are (1) 20 min, (2) 25 min, (3) 27 min, (4) 29.5 min, (5) 32 min, (6) 34 min, (7) 40min, (8) 42 min, (9) 46 min, and (10) 72 min, respectively.