

## Supporting Information

# Synthesis, properties, and biodegradability of novel se-quence-controlled copolyesters composed of glycolic acid, di-carboxylic acids, and C3 or C4 diols

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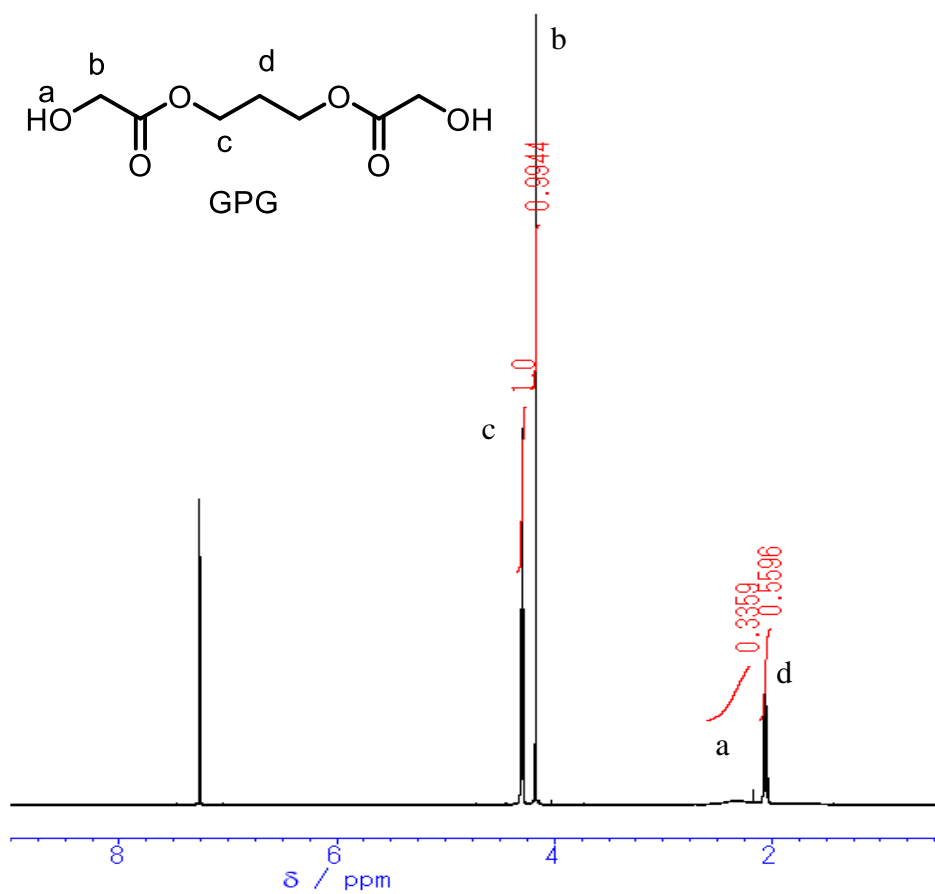
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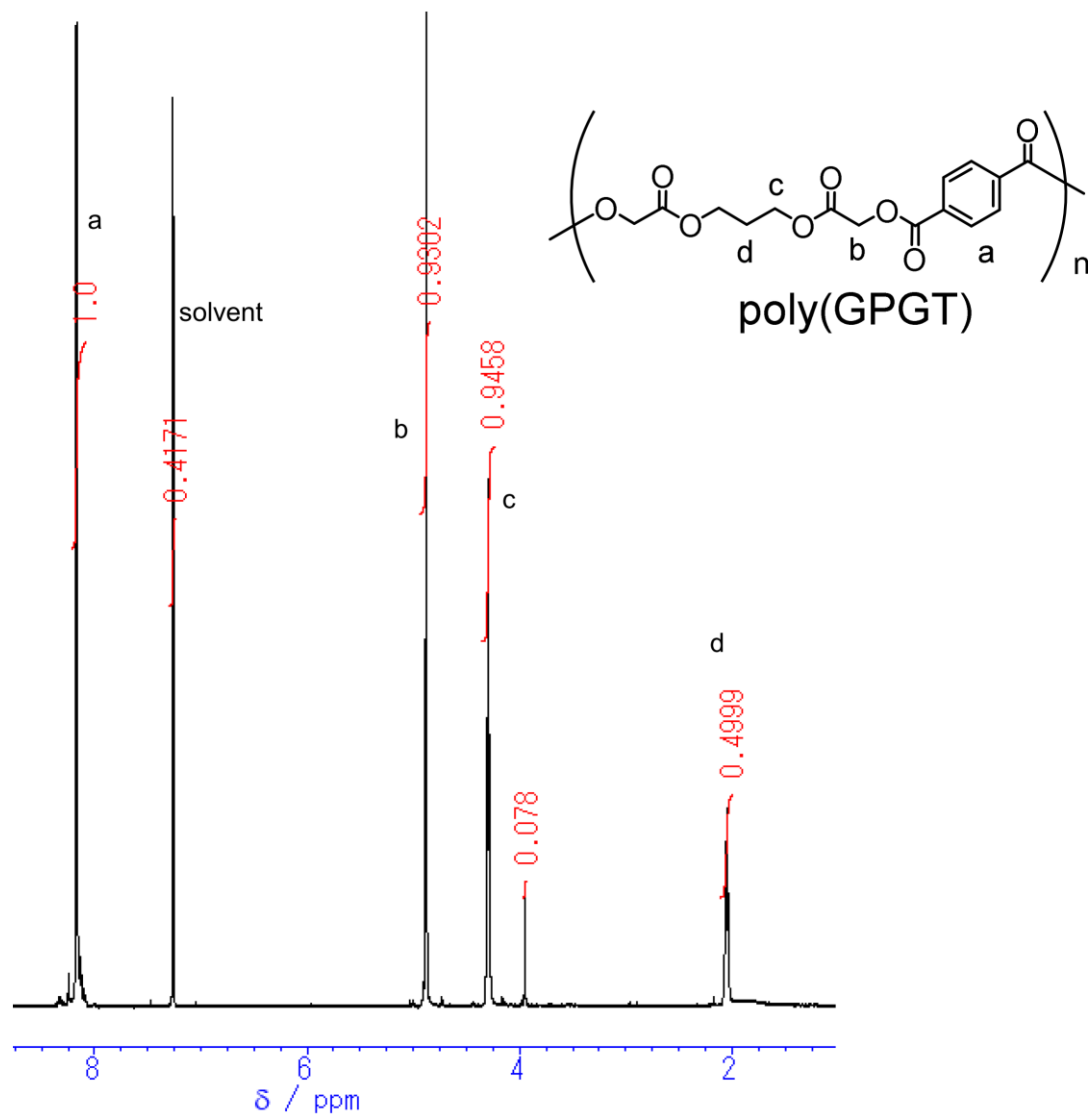
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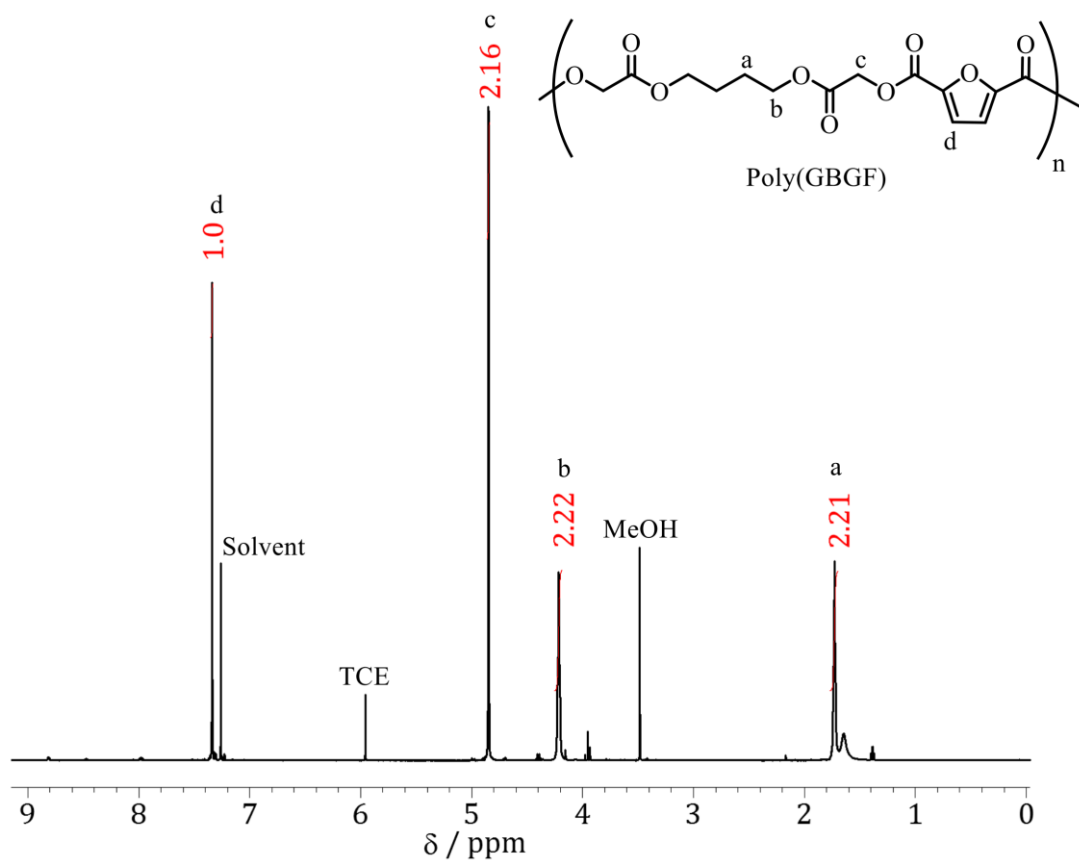
**Figure S10:** DSC profiles of poly(GBGA) (Run 12).



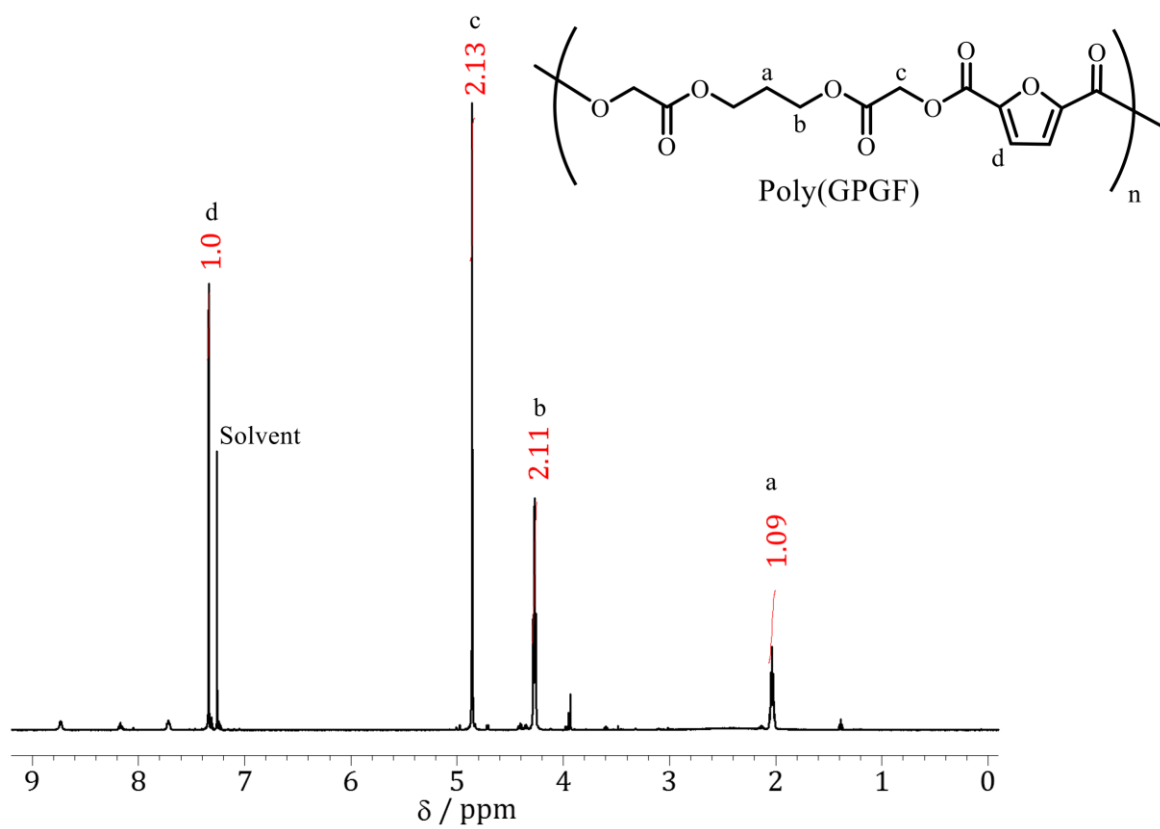
**Figure S1:**  $^1\text{H}$  NMR spectrum of GPG ( $\text{CDCl}_3$ , 500 MHz, r.t.).



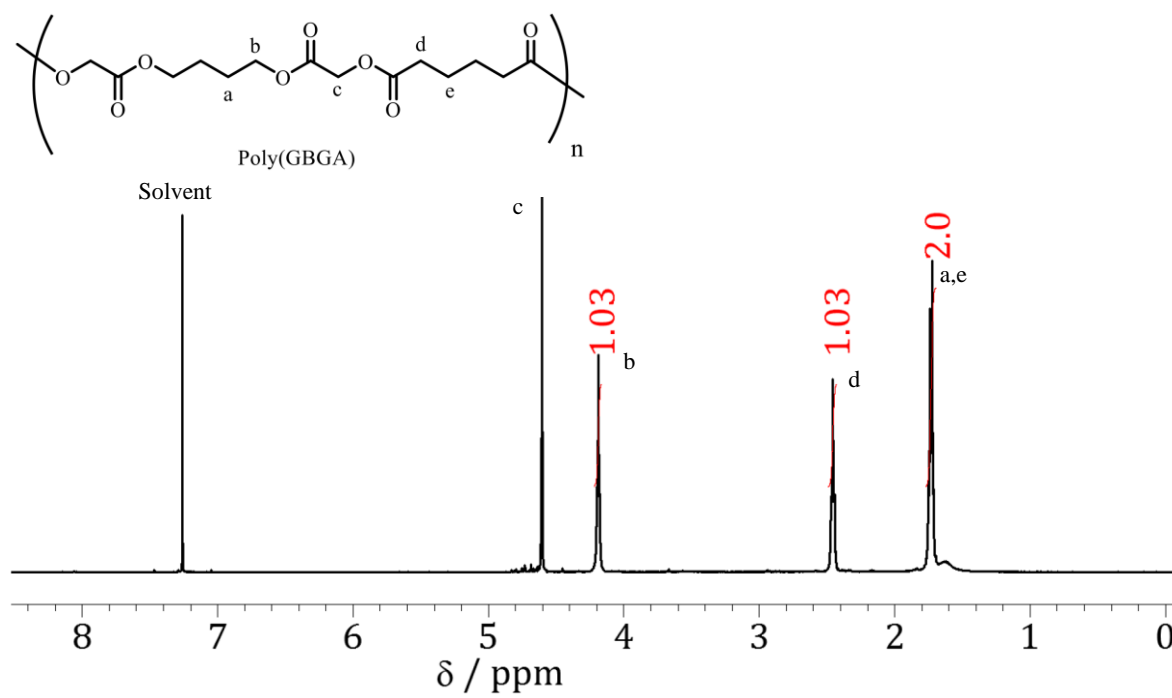
**Figure S2:**  $^1\text{H}$  NMR spectrum of poly(GPGT) (run 4) ( $\text{CDCl}_3$ , 500 MHz, r.t.).



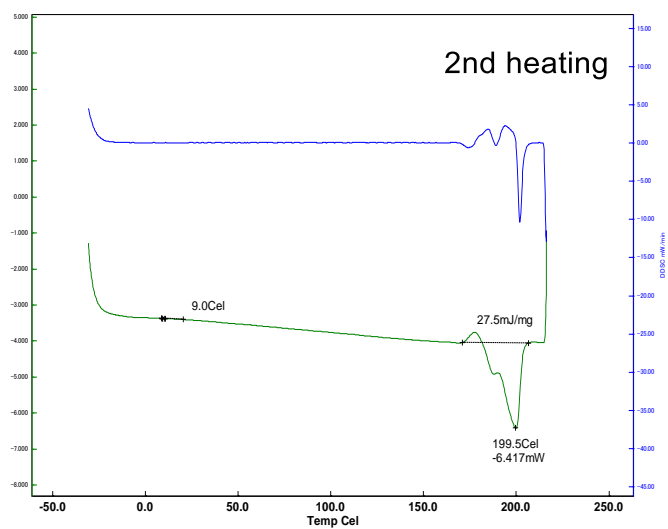
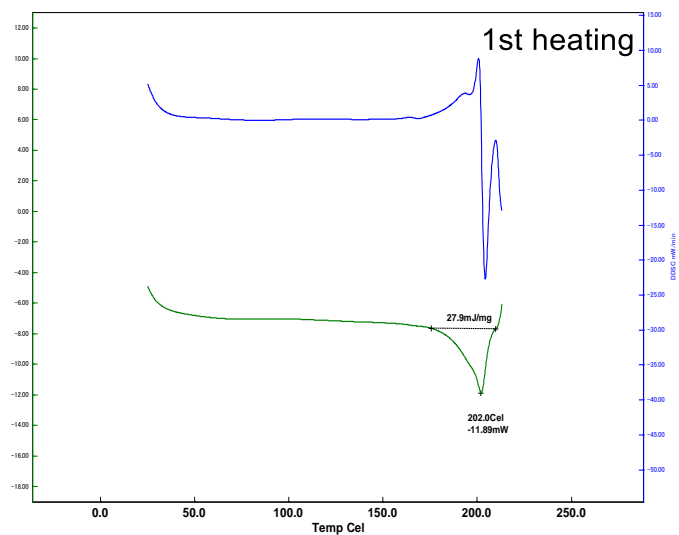
**Figure S3:**  $^1\text{H}$  NMR spectrum of poly(GBGF) (Run 5) ( $\text{CDCl}_3$ , 500 MHz, r.t.).



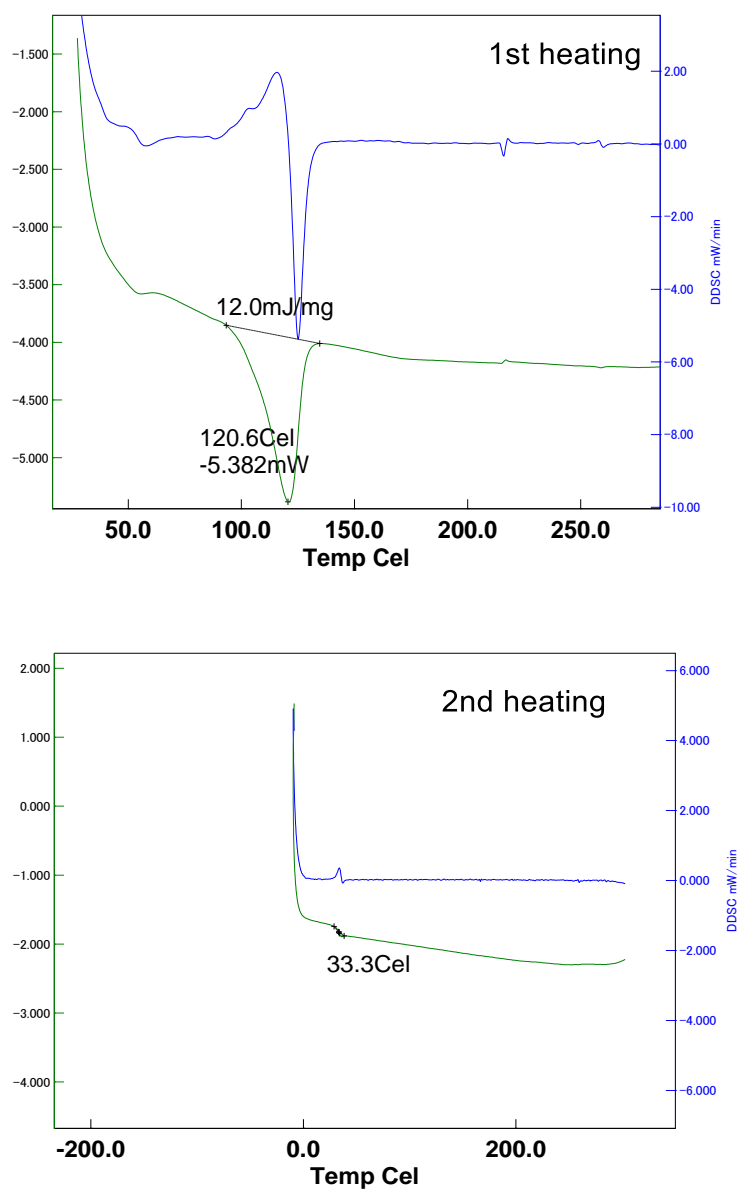
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**Figure S5:**  $^1\text{H}$  NMR spectrum of poly(GBGA) (Run 14) ( $\text{CDCl}_3$ , 500 MHz, r.t.).

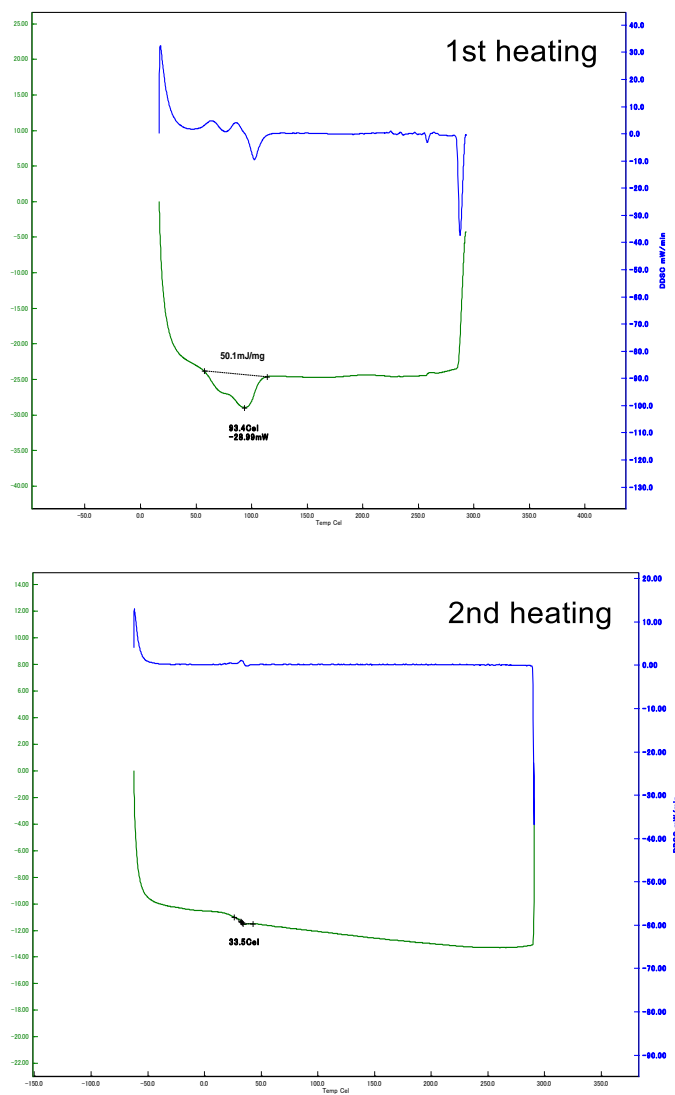


**Figure S6:** DSC profiles of poly(GBGT) (Run 1).

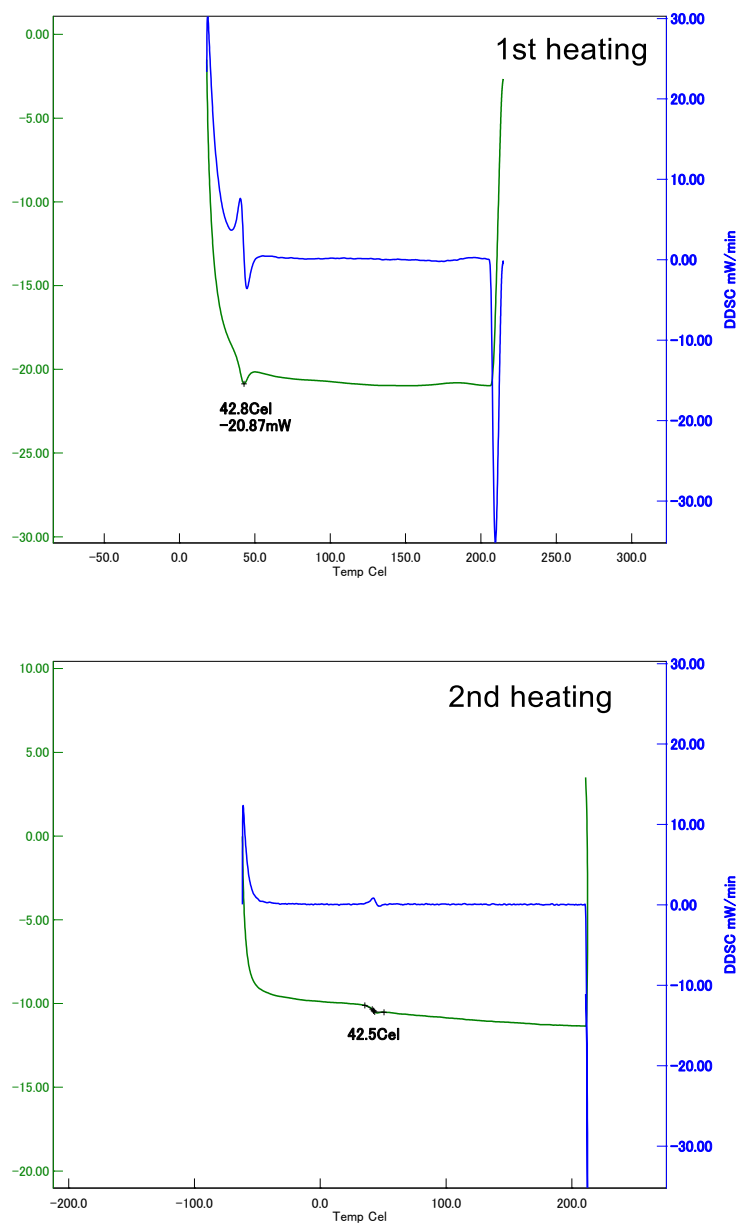


**Figure S7:** DSC profiles of poly(GPGT) (Run 4).

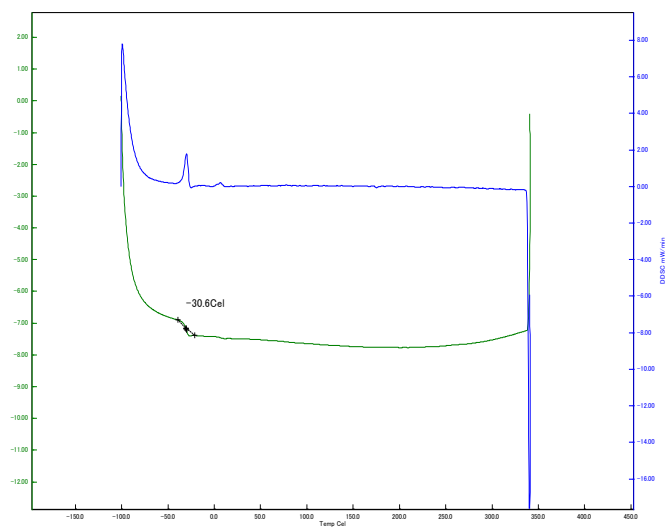
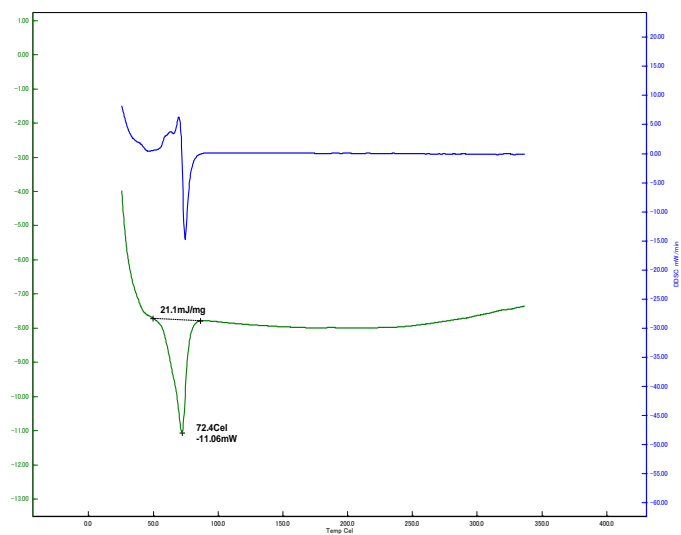




**Figure S8:** DSC profiles of poly(GBGF) (Run 7).



**Figure S9:** DSC profiles of poly(GPGF) (Run 11).



**Figure S10:** DSC profiles of poly(GBGA) (Run 12).