Supporting Information for

Preparation and Gas Transport Properties of Triptycene-containing Polybenzoxazole (PBO)-based Polymers Derived from Thermal Rearrangement (TR) and Thermal Cyclodehydration (TC) Processes

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Figure S1. DSC thermograms for (a) triptycene-containing TPDAn-6FAP-TPHI and TPDC-6FAP-TPHA precursors; (b) TPHA precursor and resulting PBOs obtained at different TC temperatures. All curves shown were obtained in the second heating cycle.

Figure S2. Photographs of the thermally treated films.
Figure S3. Pure gas permeabilities of (a) TPHI-TR and (b) TPHA-TC membranes as a function of feed pressure.