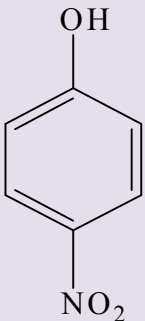
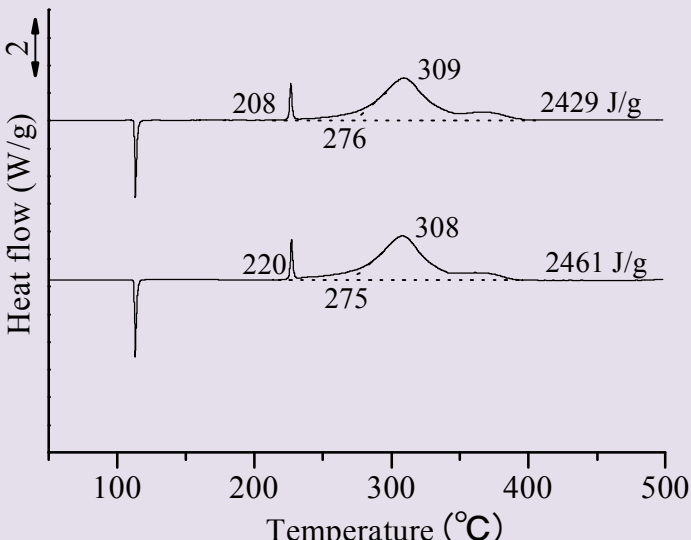
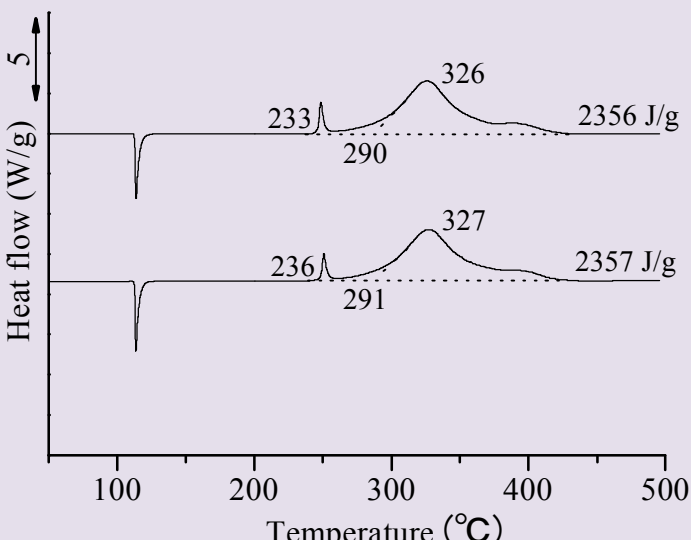
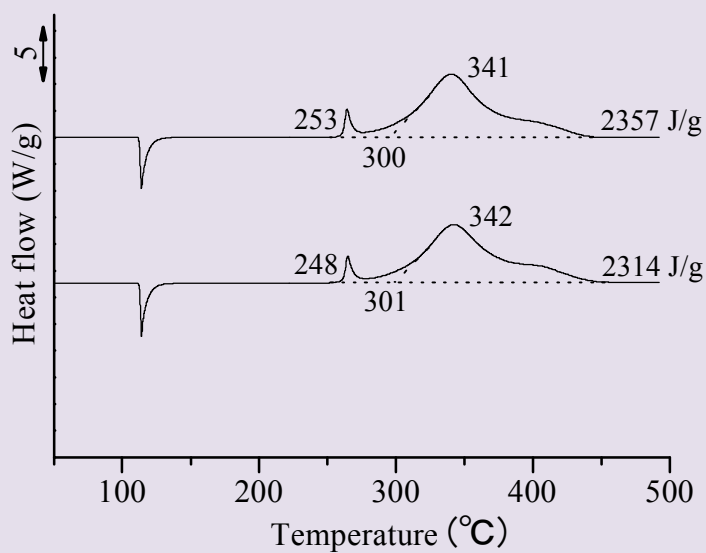


<p><i>p</i>-Nitrophenol</p>	<p>$C_6H_5NO_3$ pNP</p>
	<p>DSC device: SII DSC 7020 SII Nano Technology Inc. dT/dt: 2, 5, 10, 20 K/min Atmosphere: Air Vesel: pressure vessel (SUS) SII Nano Technology Inc. Sample: Wako (> 99.0%)</p>
<p>a) 2 K/min Wako: 和光純薬工業株式会社</p>	
	<p>< Average > T_a: 214 °C T_o: 276 °C T_{top}: 309 °C Q_{DSC}: 2445 J/g</p>
<p>b) 5 K/min</p>	
	<p>< Average > T_a: 235 °C T_o: 291 °C T_{top}: 327 °C Q_{DSC}: 2357 J/g</p>

c) 10 K/min



< Average >

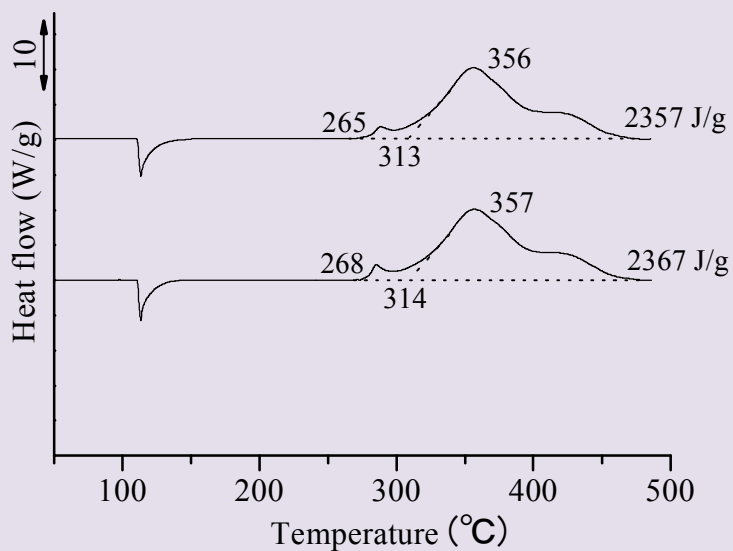
T_a : 251 °C

T_o : 301 °C

T_{top} : 342 °C

Q_{DSC} : 2336 J/g

d) 20 K/min



< Average >

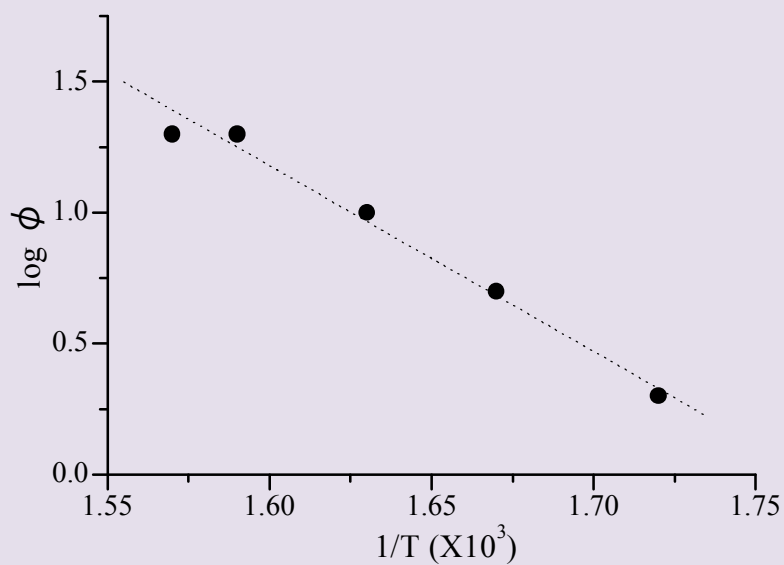
T_a : 267 °C

T_o : 314 °C

T_{top} : 357 °C

Q_{DSC} : 2362 J/g

ASTM PLOT



Heat rate ϕ (K/min)	T_{peak} (°C)	T_m (K)	$1/T_m \cdot 10^3$	$\log \phi$
2	309	582	1.72	0.301
	308	581	1.72	0.301
5	326	599	1.67	0.699
	327	600	1.67	0.699
10	341	614	1.63	1.00
	342	615	1.63	1.00
20	356	629	1.59	1.30
	365	638	1.57	1.30