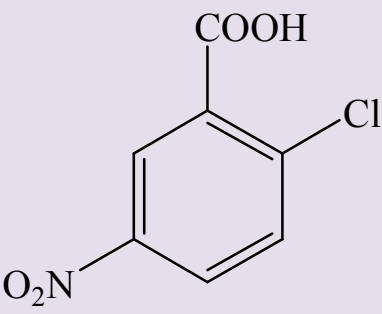
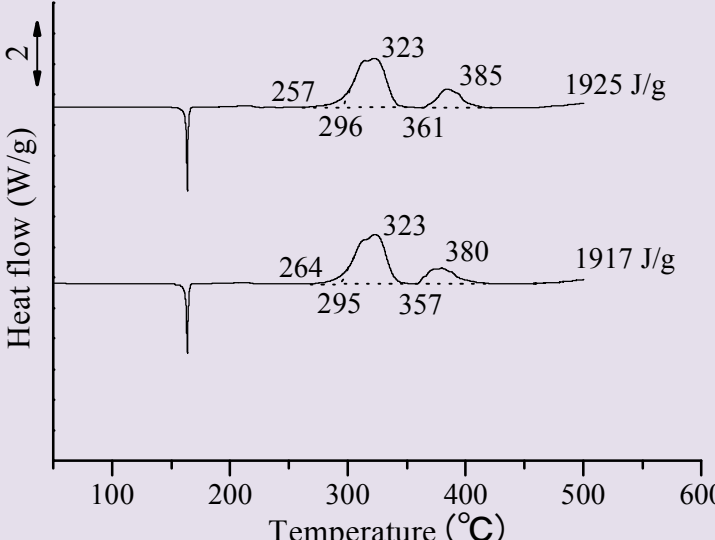
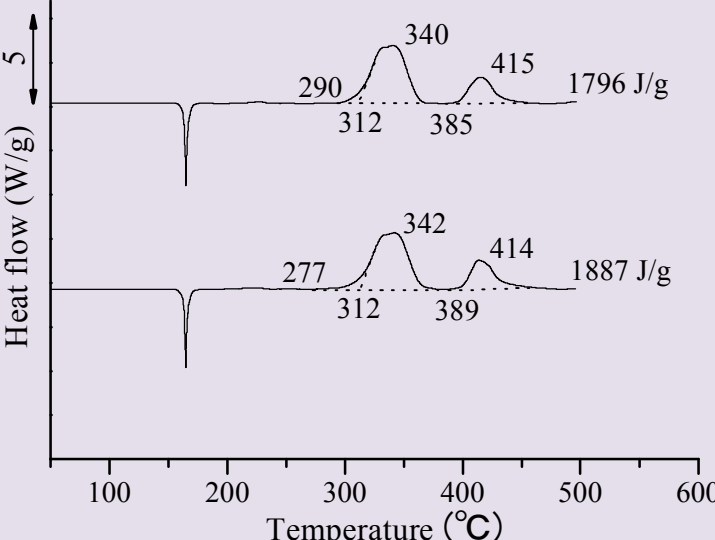
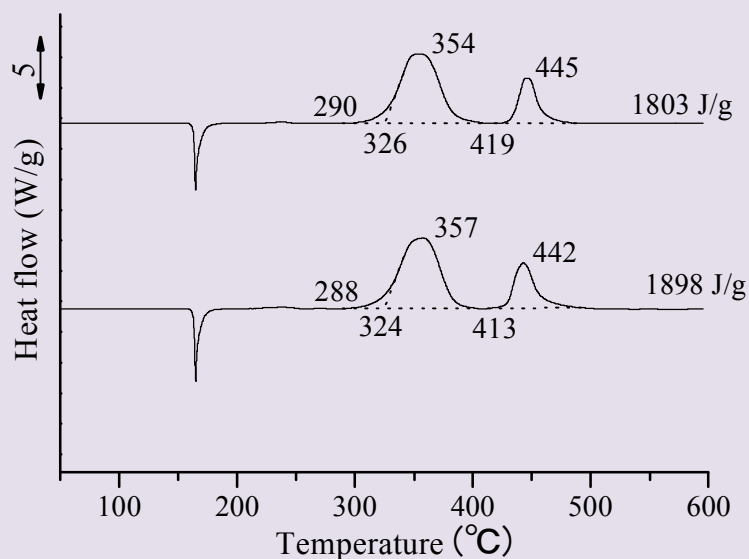


2-chloro-5-nitrobenzoic acid	$C_7H_4ClNO_4$ CNBA
	DSC device: SII DSC 7020 SII Nano Technology Inc. dT/dt: 2, 5, 10, 20 K/min Atmosphere: Air Vesel: pressure vessel (SUS) SII Nano Technology Inc. Sample: AlfaAesar ($\geq 98\%$)
a) 2 K/min AlfaAesar: AlfaAesar社 (販売 和光純薬工業株式会社)	
	<Average> T_a : 261 °C T_o : 296 °C T_{top} : 323 °C Q_{DSC} : 1921 J/g
b) 5 K/min	
	<Average> T_a : 284 °C T_o : 312 °C T_{top} : 341 °C Q_{DSC} : 1842 J/g

c) 10 K/min



<Average>

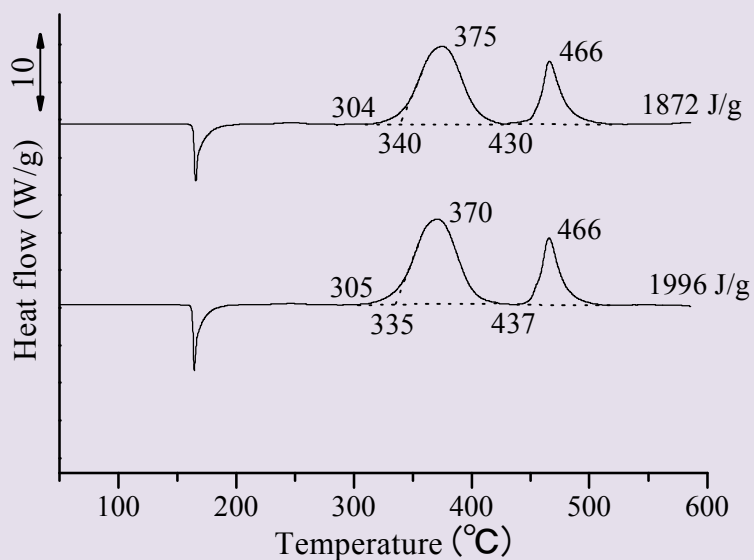
T_a : 289 °C

T_o : 325 °C

T_{top} : 356 °C

Q_{DSC} : 1851 J/g

d) 20 K/min



<Average>

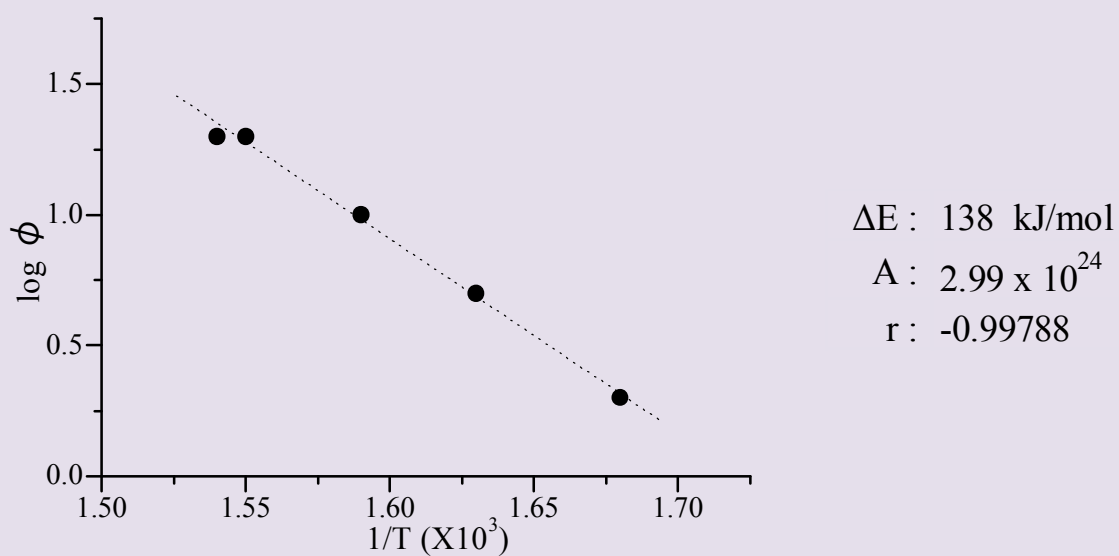
T_a : 305 °C

T_o : 338 °C

T_{top} : 373 °C

Q_{DSC} : 1934 J/g

ASTM PLOT



Heat rate ϕ (K/min)	T_{peak} ($^{\circ}\text{C}$)	T_m (K)	$1/T_m \cdot 10^3$	$\log \phi$
2	323	596	1.68	0.301
	323	596	1.68	0.301
5	340	613	1.63	0.699
	342	615	1.63	0.699
10	354	627	1.59	1.00
	357	630	1.59	1.00
20	375	648	1.54	1.30
	370	643	1.55	1.30