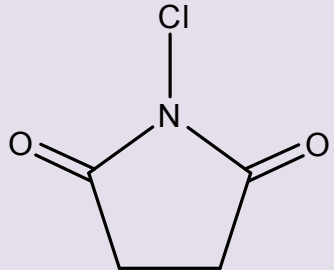
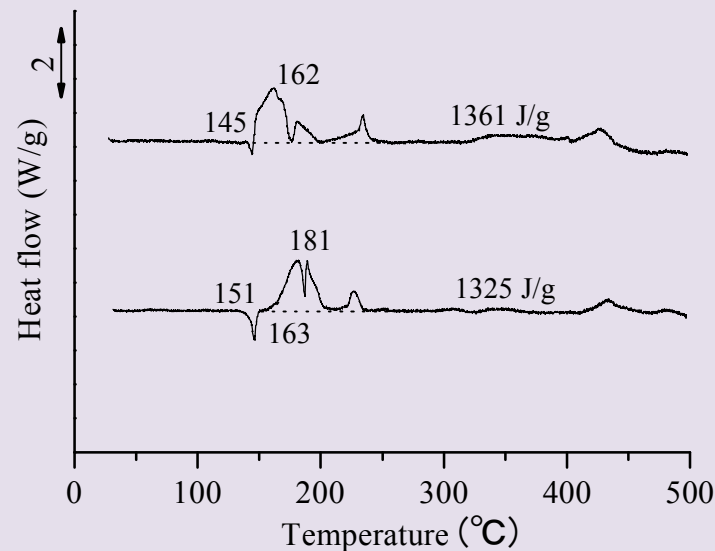
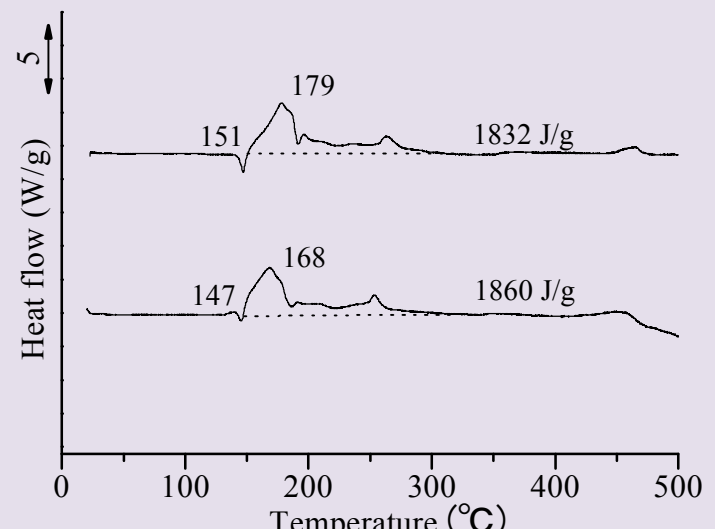
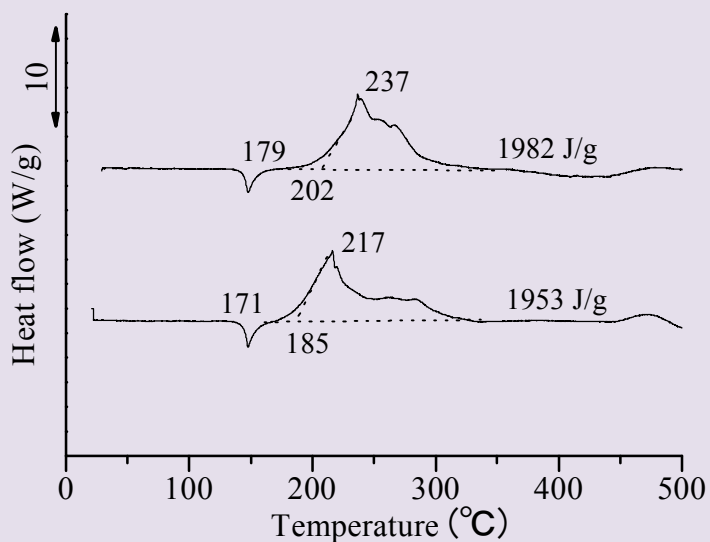


<p>N-Chlorosuccinimide</p>	<p>$C_4H_4ClNO_2$ NCSI</p>
	<p>DSC device: DSC8270B Rigaku Corp. dT/dt: 2, 5, 10, 20 K/min Atmosphere: Air Vesel: pressure vessel (SUS) Rigaku Corp. Sample: Wako ($\geq 97.0\%$)</p>
<p>a) 2 K/min Wako: 和光純薬工業株式会社</p>	
	<p><Average> T_a: 148 °C T_o: 154 °C (145, 163) T_{top}: 172 °C Q_{DSC}: 1343 J/g</p>
<p>b) 5 K/min</p>	
	<p><Average> T_a: 149 °C T_o: 149 °C T_{top}: 174 °C Q_{DSC}: 1846 J/g</p>

c) 10 K/min



< Average >

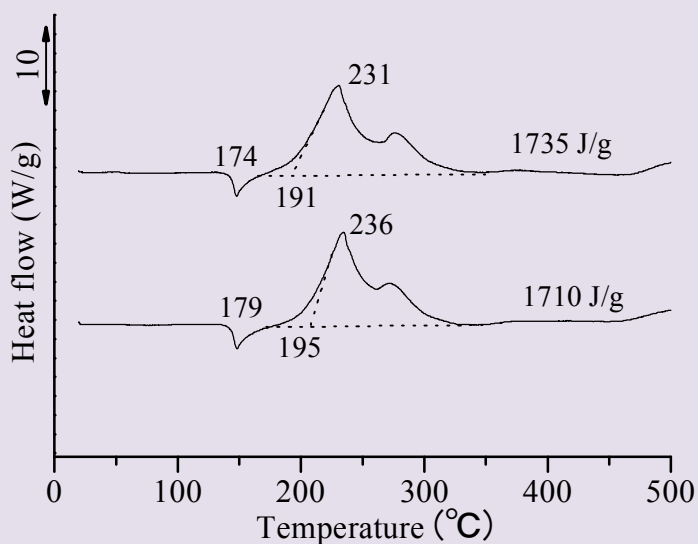
T_a : 175 °C

T_o : 194 °C

T_{top} : 227 °C

Q_{DSC} : 1968 J/g

d) 20 K/min



< Average >

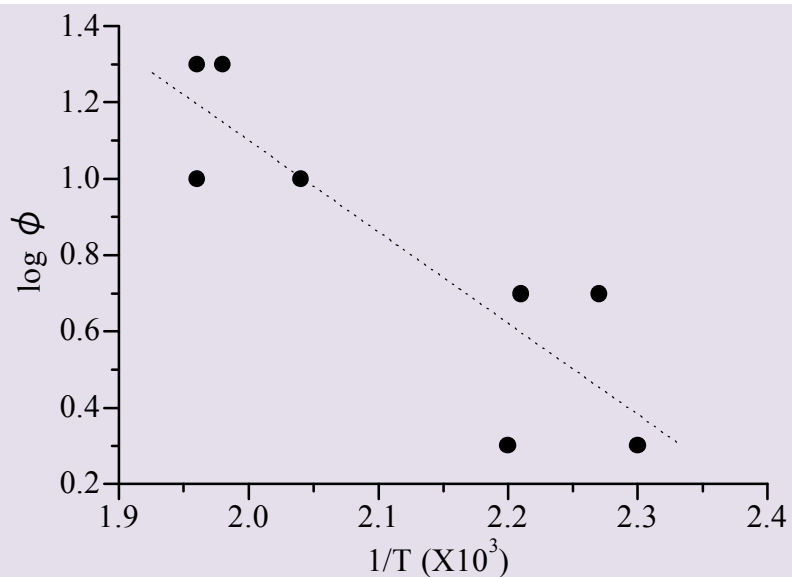
T_a : 177 °C

T_o : 193 °C

T_{top} : 234 °C

Q_{DSC} : 1723 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	162	435	2.30	0.301
	181	454	2.20	0.301
5	179	452	2.21	0.699
	168	441	2.27	0.699
10	237	510	1.96	1.00
	217	490	2.04	1.00
20	231	504	1.98	1.30
	236	509	1.96	1.30