

Figure 1: Comparison of powder pattern of ground material with the simulated patterns for starting materials and product, (a) 3,5-dinitrobenzoic acid (Form I), (b) 3,5-dinitrobenzoic acid (Form I), (c) 4-(dimethylamino) benzoic acid (Form I), (d) 4-(dimethylamino) benzoic acid (Form II), (e) 4-(dimethylamino)benzoic acid (Form II), (f) Li complex, (g) experimental pattern of ground sample.



Figure 2: Comparison of powder pattern of thermally synthesized material with the simulated patterns for starting materials and product, (a) 3,5-dinitrobenzoic acid (Form I), (b) 3,5-dinitrobenzoic acid (Form II), (c) 4-(dimethylamino) benzoic acid (Form I), (d) 4-(dimethylamino) benzoic acid (Form II), (e) 4-(dimethylamino) benzoic acid (Form II), (f) Li complex, (g) experimental pattern of thermally synthesized sample.