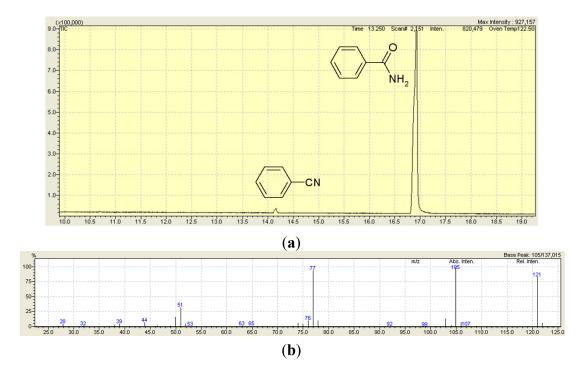
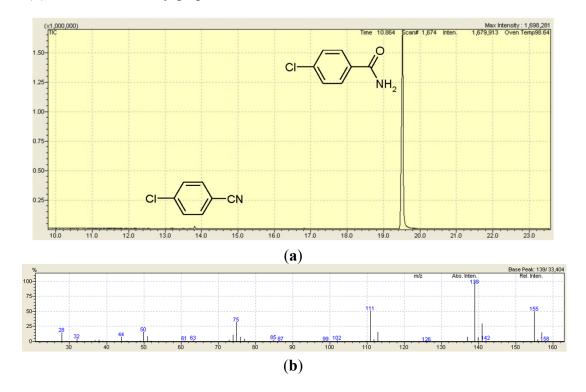
## **Supporting Information**

## **GC-MS Data**

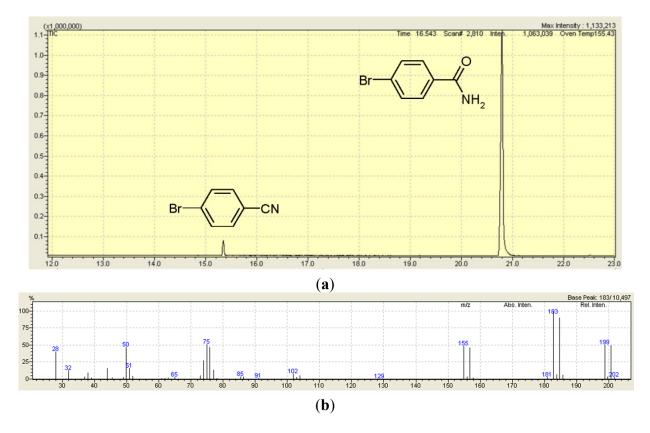
**Figure S1.** Benzamide (Table 3, entry 5). (a) Retention time-intensity graph; and (b) m/z value-intensity graph.



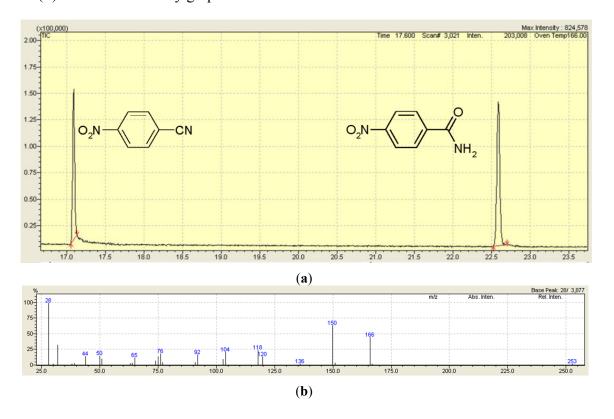
**Figure S2.** 4-Chlorobenzamide (Table 4, entry 1). (a) Retention time-intensity graph; and (b) m/z value-intensity graph.



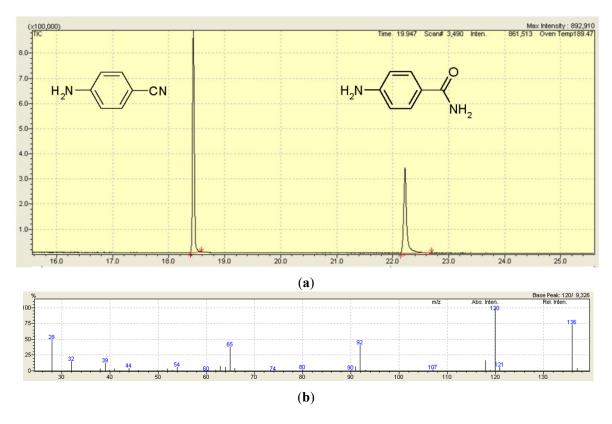
**Figure S3.** 4-Bromobenzamide (Table 4, entry 2). (a) Retention time-intensity graph; and (b) m/z value-intensity graph.



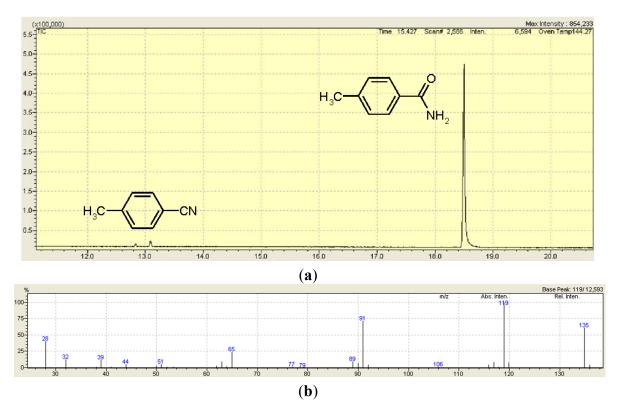
**Figure S4.** 4-nitrobenzamide (Table 4, entry 3). (a) Retention time-intensity graph; and (b) m/z value-intensity graph.



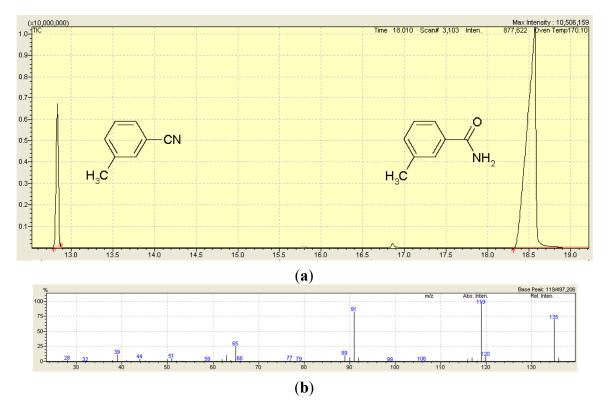
**Figure S5.** 4-aminobenzamide (Table 4, entry 4). (a) Retention time-intensity graph; and (b) m/z value-intensity graph.



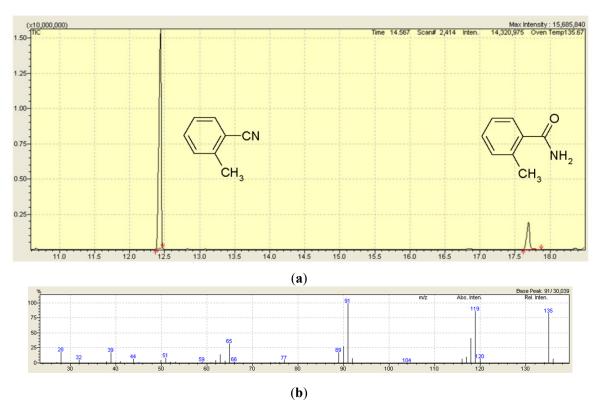
**Figure S6.** 4-Methylbenzamide (Table 4, entry 5). (a) Retention time-intensity graph; and (b) m/z value-intensity graph.



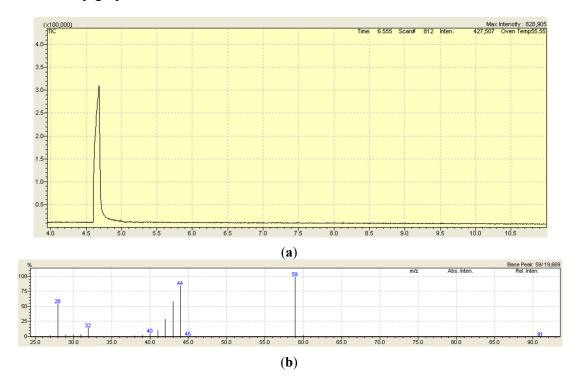
**Figure S7.** 3-methylbenzamide (Table 4, entry 6). (a) Retention time-intensity graph; and (b) m/z value-intensity graph.



**Figure S8.** 2-methylbenzamide (Table 4, entry 7). (a) Retention time-intensity graph; and (b) m/z value-intensity graph.



**Figure S9.** Acetamide (Table 4, entry 8). (a) Retention time-intensity graph; and (b) m/z value-intensity graph.



**Figure S10.** Acrylamide (Table 4, entry 9). (a) Retention time-intensity graph; and (b) m/z value-intensity graph.

