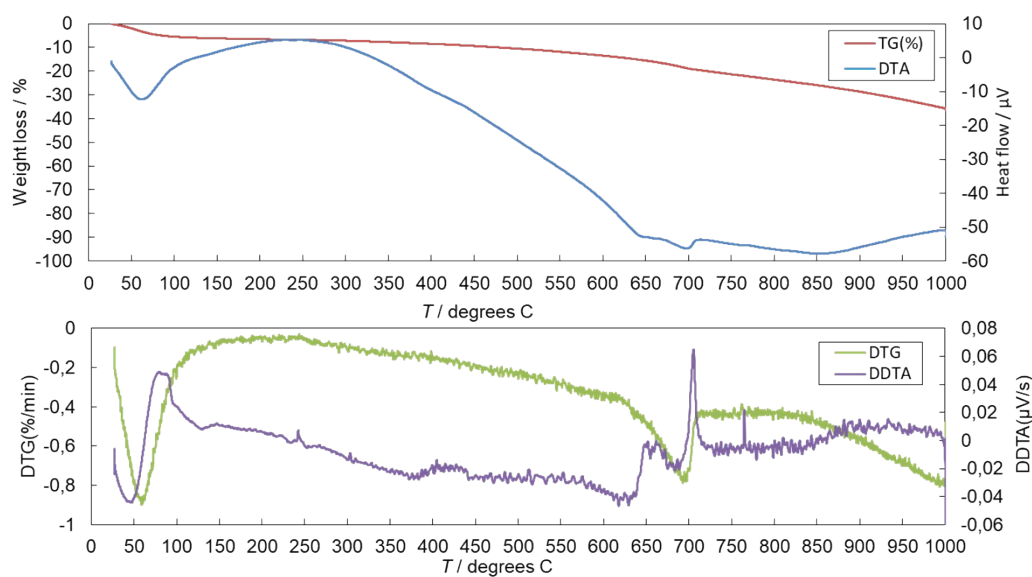
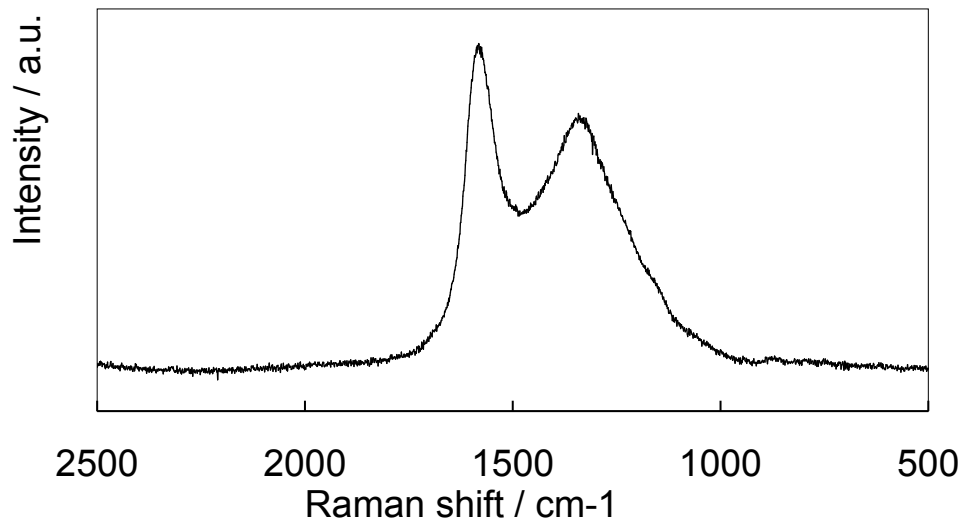


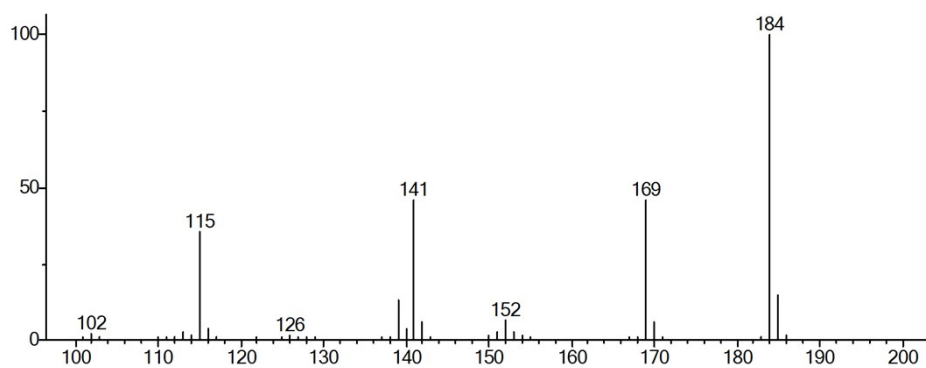
### SUPPLEMENTARY DATA



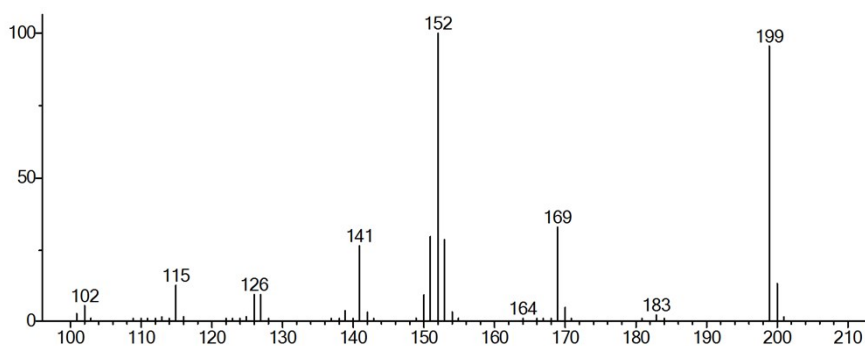
**Figure S1.** Thermogravimetric and differential thermal analysis of PTB



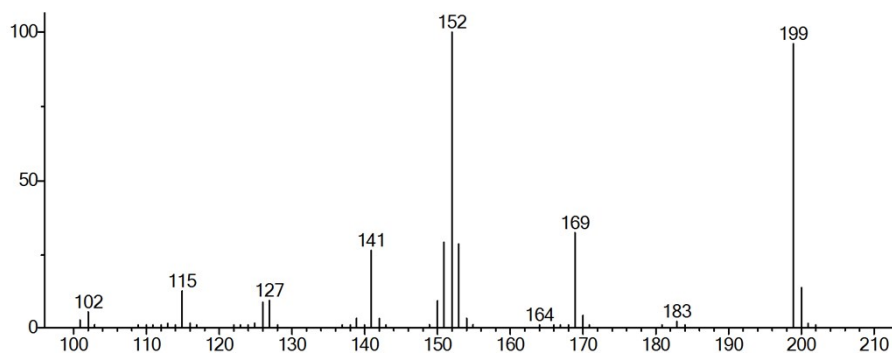
**Figure S2.** Raman spectrum of PTB



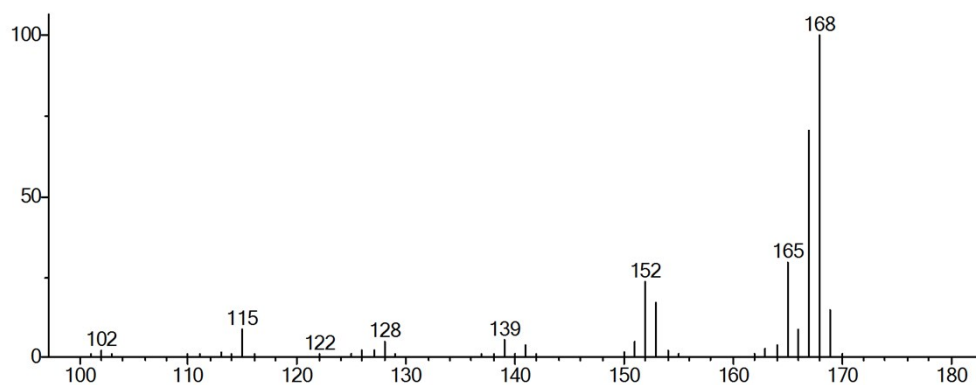
**Fig. S3.** GC-MS spectrum of p-methoxy-biphenyl (Entry 1 and 5 in Table 3)



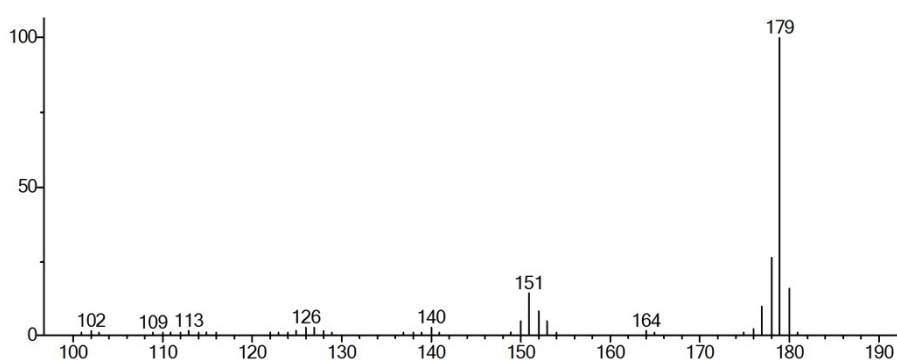
**Fig. S4.** GC-MS spectrum of p-nitro biphenyl (Entry 2 and 6 in Table 3)



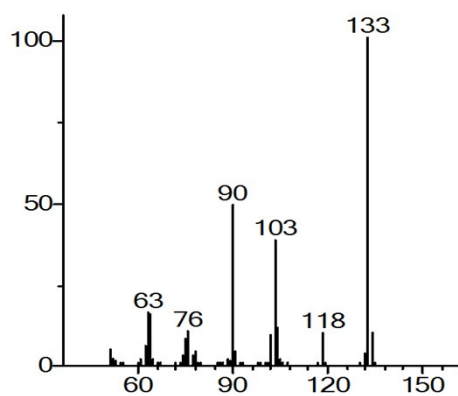
**Fig. S5.** GC-MS spectrum of m-nitro biphenyl (Entry 3 and 8 in Table 3)



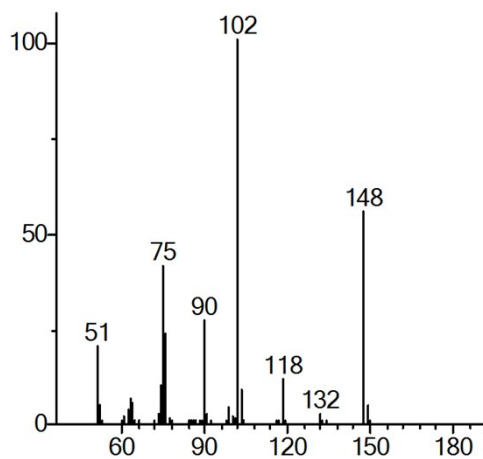
**Fig. S6.** GC-MS spectrum of p-methyl biphenyl (Entry 4 and 9 in Table 3)



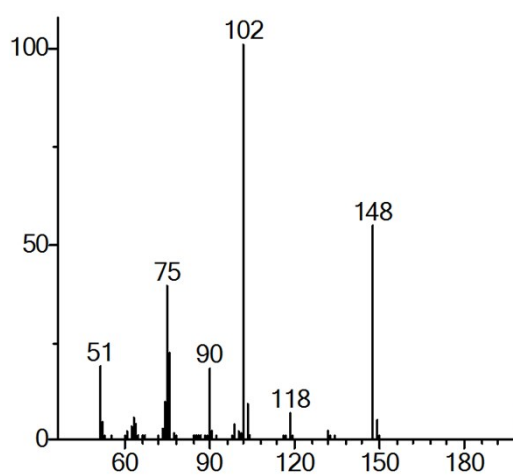
**Fig. S7.** GC-MS spectrum of p-cyanobiphenyl (Entry 8 in Table 3)



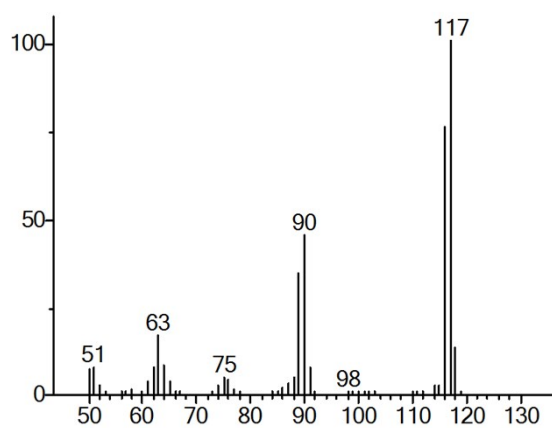
**Fig. S8.** GC-MS spectrum of p-methoxybenzotrile (Entry 1 and 5 in Table 5)



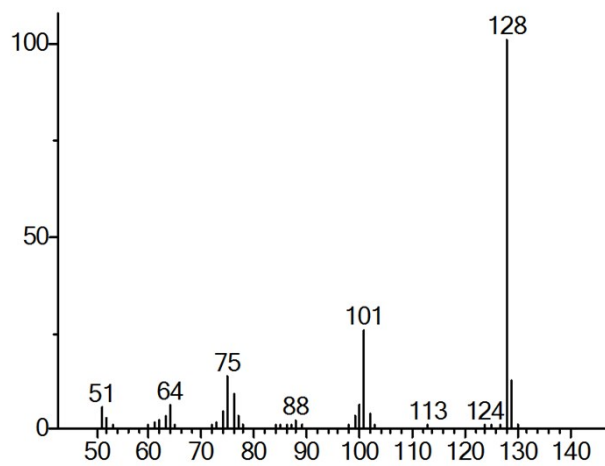
**Fig. S9.** GC-MS spectrum of p-nitrobenzotrile (Entry 2 and 6 in Table 6)



**Fig. S10.** GC-MS spectrum of m-nitrobenzotrile (Entry 3 and 8 in Table 6)



**Fig. S11.** GC-MS spectrum of p-tolunitrile (Entry 4 and 9 in Table 5)



**Fig. S12.** GC-MS spectrum of terephthalonitrile (Entry 7 in Table 5)