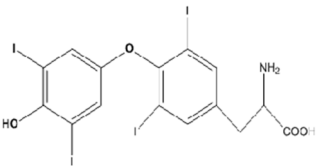
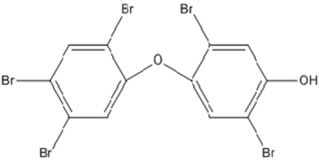
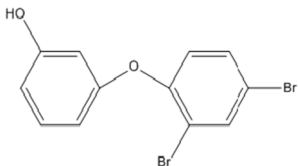
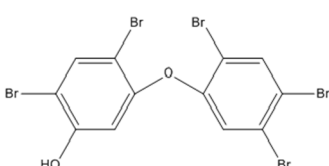

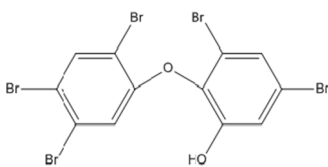
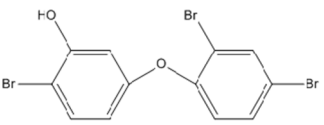
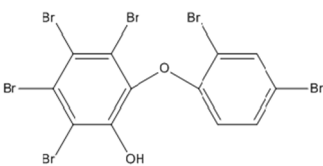
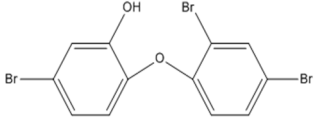
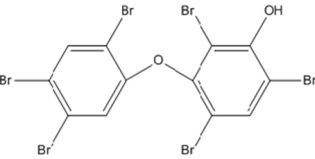
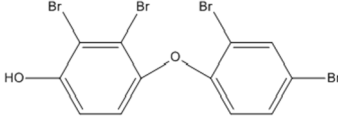
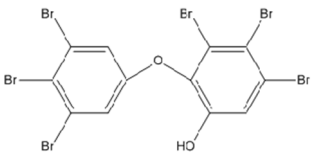
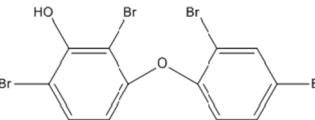
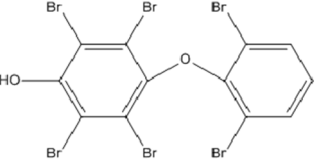
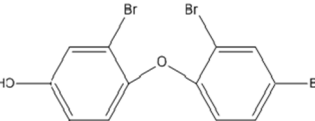
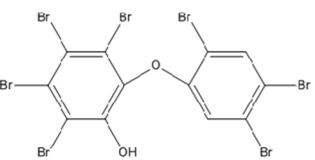
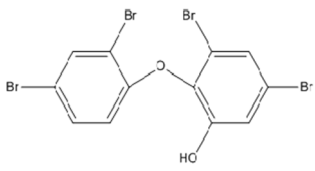
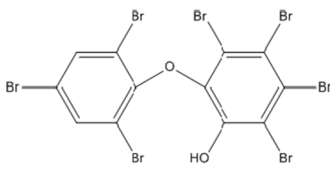
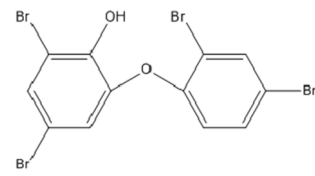
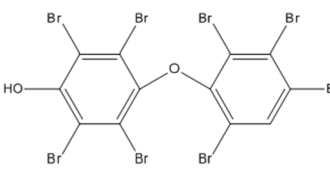
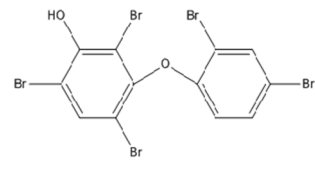
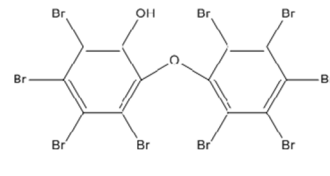
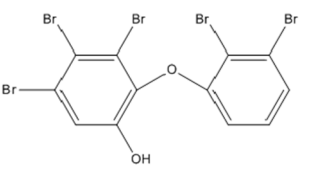
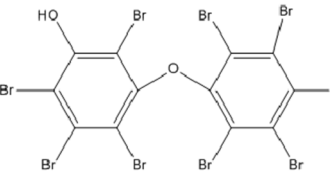
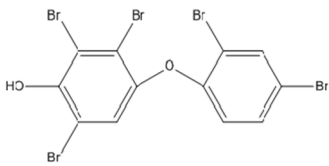
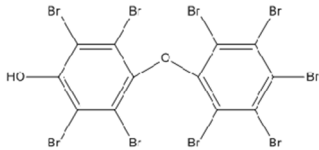


Table S1: Formulas of T4 and 25 kinds of OH-PBDEs

Serial number	Compounds	Numbers of Br	Formula	Serial number	Compounds	Numbers of Br	Formula
1	T ₄	0		14	4'-OH-BDE-101	5	
			T ₄				4'-OH-BDE-101
2	3'-OH-BDE-7	2		15	5'-OH-BDE-99	5	
			3'-OH-BDE-7				5'-OH-BDE-99
3	4'-OH-BDE-17	3		16	6'-OH-BDE-99	5	
			4'-OH-BDE-17				6'-OH-BDE-99
4	3'-OH-BDE-28	3		17	6-OH-BDE-137	6	
			3'-OH-BDE-28				6-OH-BDE-137

Serial number	Compounds	Numbers of Br	Formula	Serial number	Compounds	Numbers of Br	Formula
5	2'-OH-BDE-28	3	 2'-OH-BDE-28	18	3'-OH-BDE-154	6	 3'-OH-BDE-154
6	4-OH-BDE-42	4	 4-OH-BDE-42	19	6-OH-BDE-157	6	 6-OH-BDE-157
7	3-OH-BDE-47	4	 3-OH-BDE-47	20	4-OH-BDE-188	6	 4-OH-BDE-188
8	4'-OH-BDE-49	4	 4'-OH-BDE-49	21	6-OH-BDE-180	7	 6-OH-BDE-180

Serial number	Compounds	Numbers of Br	Formula	Serial number	Compounds	Numbers of Br	Formula
9	6-OH-BDE-47	4	 6-OH-BDE-47	22	6-OH-BDE-182	7	 6-OH-BDE-182
10	2'-OH-BDE-68	4	 2'-OH-BDE-68	23	4'-OH-BDE-201	8	 4'-OH-BDE-201
11	3-OH-BDE-100	5	 3-OH-BDE-100	24	1'-OH-BDE-222	9	 1'-OH-BDE-222
12	6-OH-BDE-82	5	 6-OH-BDE-82	25	2'-OH-BDE-201	9	 2'-OH-BDE-201

Serial number	Compounds	Numbers of Br	Formula	Serial number	Compounds	Numbers of Br	Formula
13	4-OH-BDE-90	5	 4-OH-BDE-90	26	3'-OH-BDE-201	9	 3'-OH-BDE-201