

図-6 煤じん濃度と排ガス中DXNs

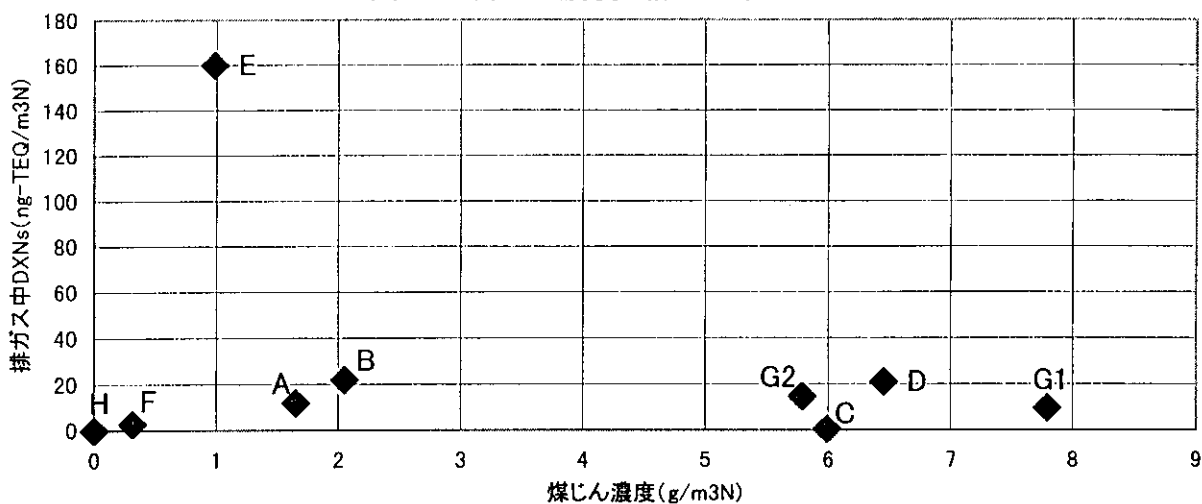


図-7 ガス冷却後(除じん前)ガス温度と排ガス中DXNs

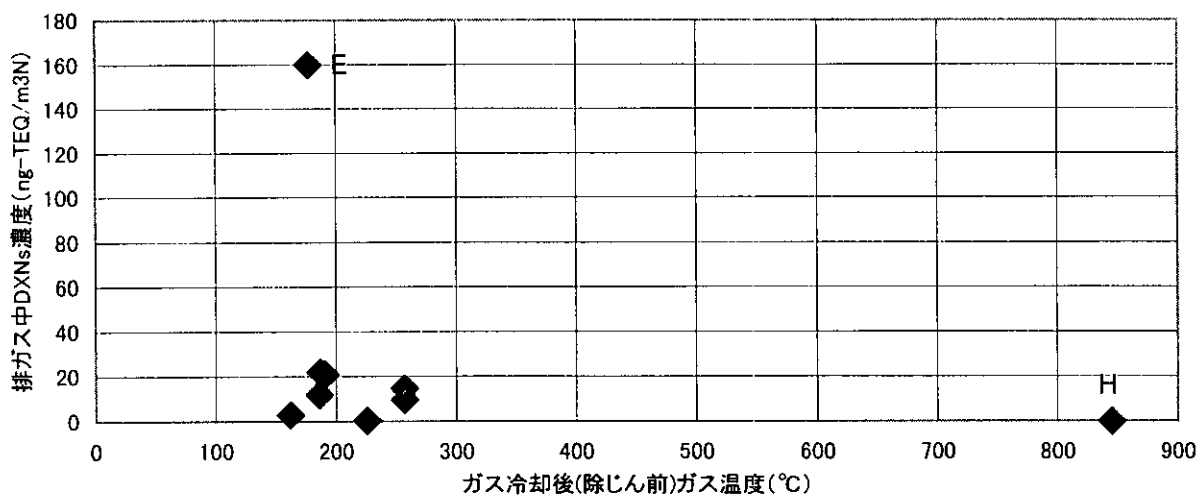
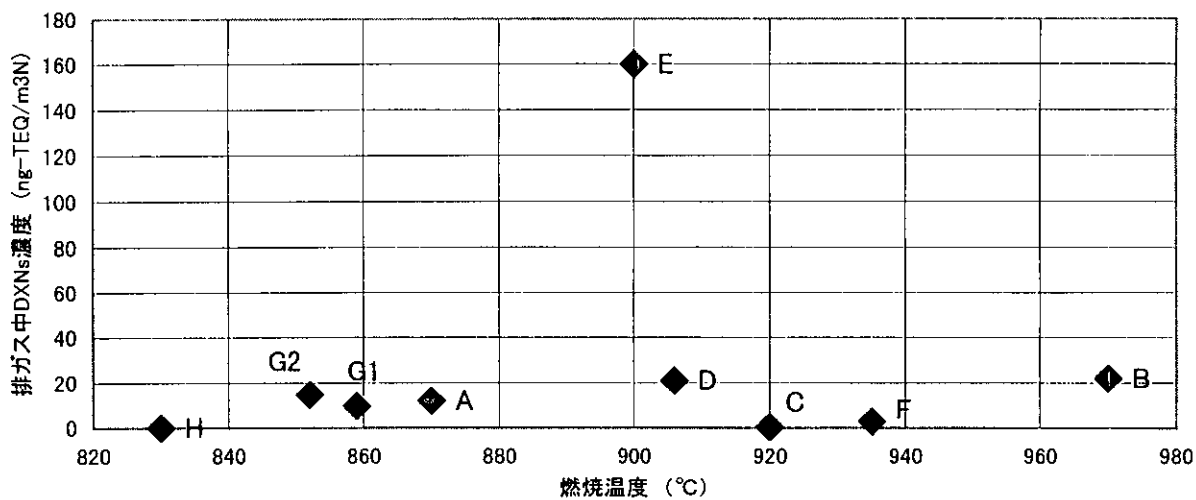
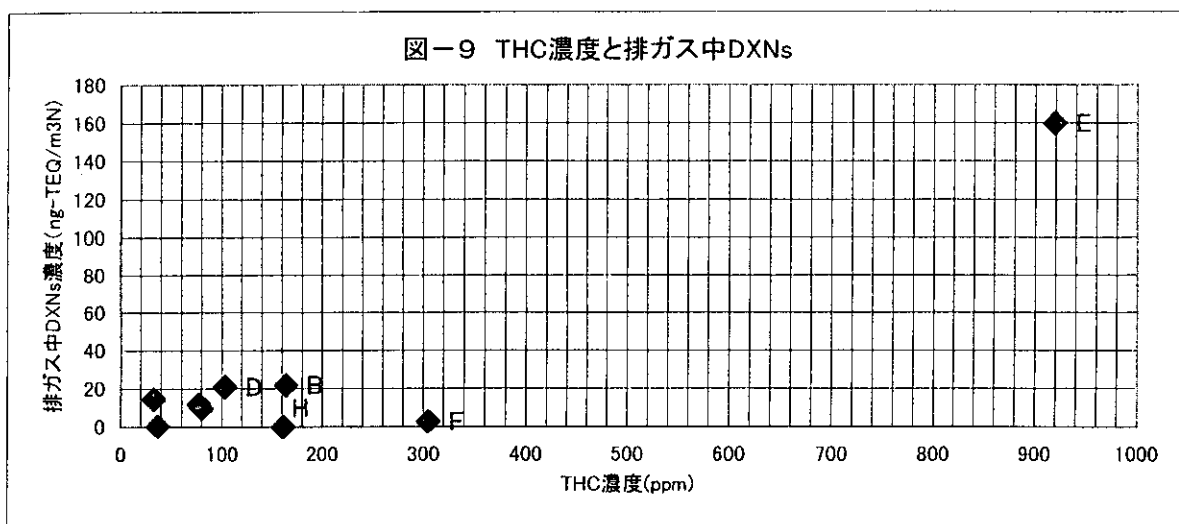


図-8 燃焼温度と排ガス中DXNs



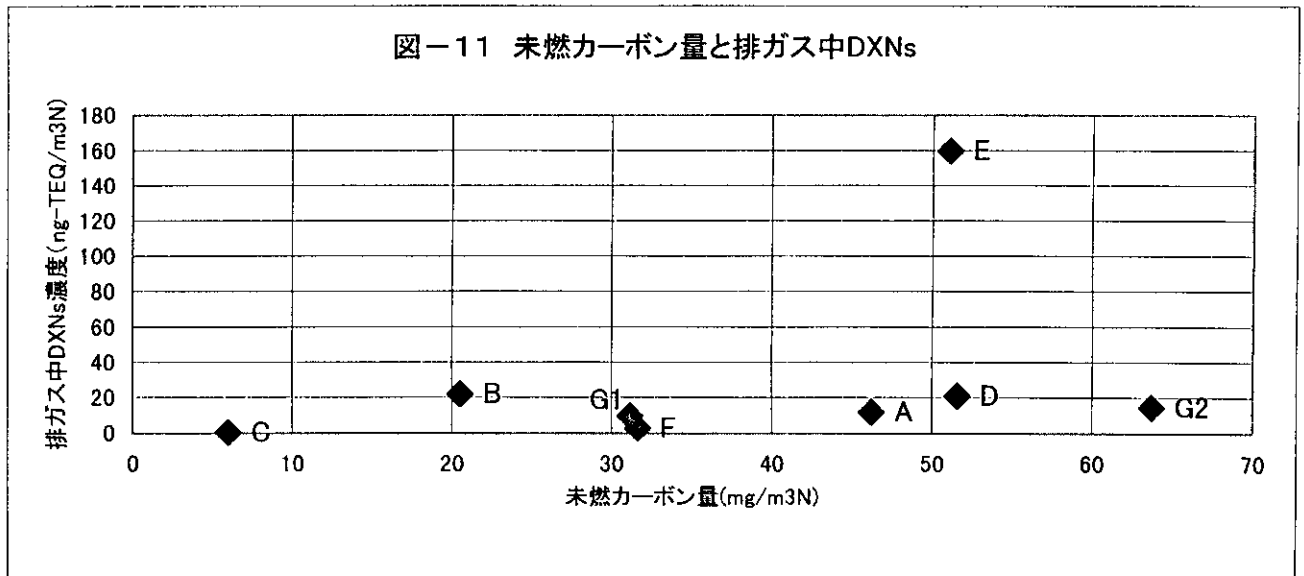
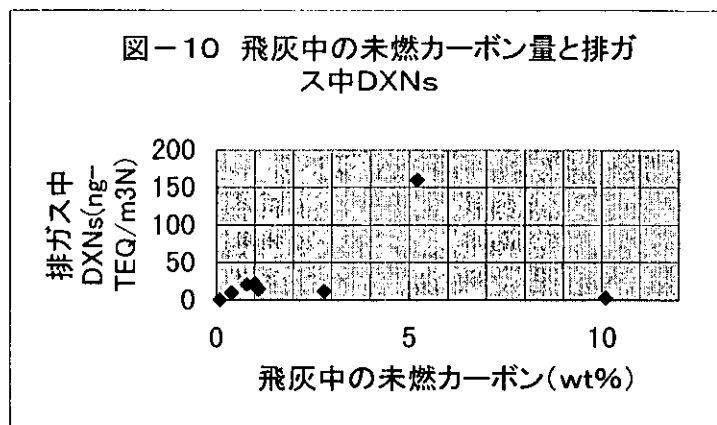
○ THCと排ガスDXNs

施設名	A	B	C	D	E	F	G1	G2	H
THC濃度 (ppm)	77	164	37	103	919	305	80	33	161
排ガス									
TEQ/PCDD	0.72	6.5	0.13	3.7	40	1.1	2.4	2.7	0.00053
TEQ/PCDF	11	16	0.28	17	120	1.8	7.3	12	0.011
TEQ/Total (ng-TEQ/m ³ N)	12	22	0.41	21	160	2.9	9.7	14.7	0.01153



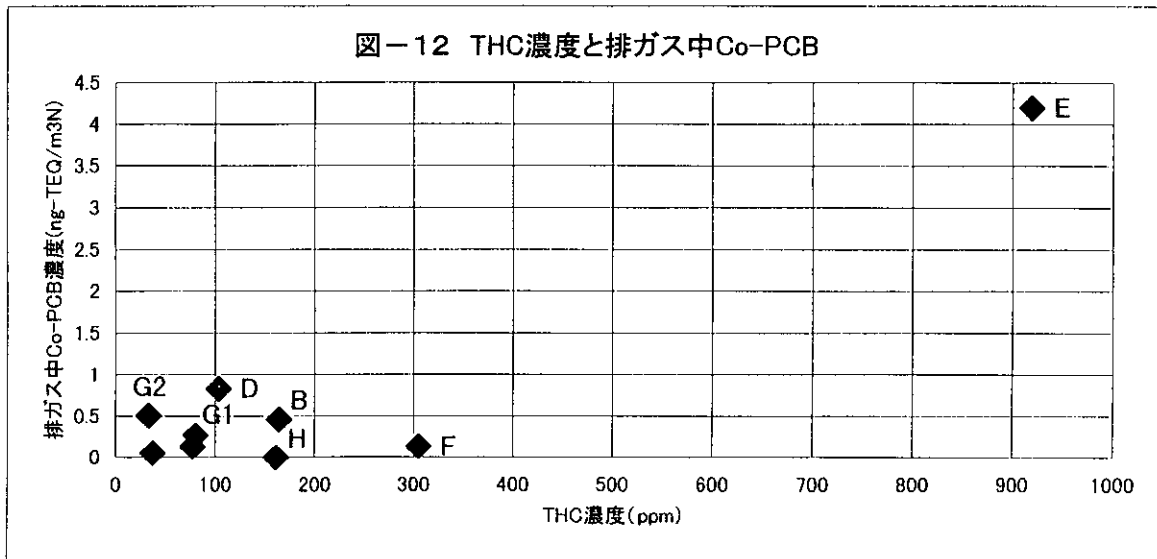
○ 未燃カーボン濃度と排ガス中DXNs濃度

施設名	A	B	C	D	E	F	G1	G2
煤じん中の未燃カーボン (wt%)	2.8	1.0	0.1	0.8	5.2	10.1	0.40	1.1
煤じん濃度 (g/m ³ N)	1.65	2.05	5.99	6.45	0.982	0.313	7.79	5.79
未燃カーボン量(mg/m ³ N)	46	21	6	52	51	32	31	64
排ガス								
TEQ/PCDD	0.72	6.5	0.13	3.7	40	1.1	2.4	2.7
TEQ/PCDF	11	16	0.28	17	120	1.8	7.3	12
TEQ/Total (ng-TEQ/m ³ N)	12	22	0.41	21	160	2.9	9.7	14.7



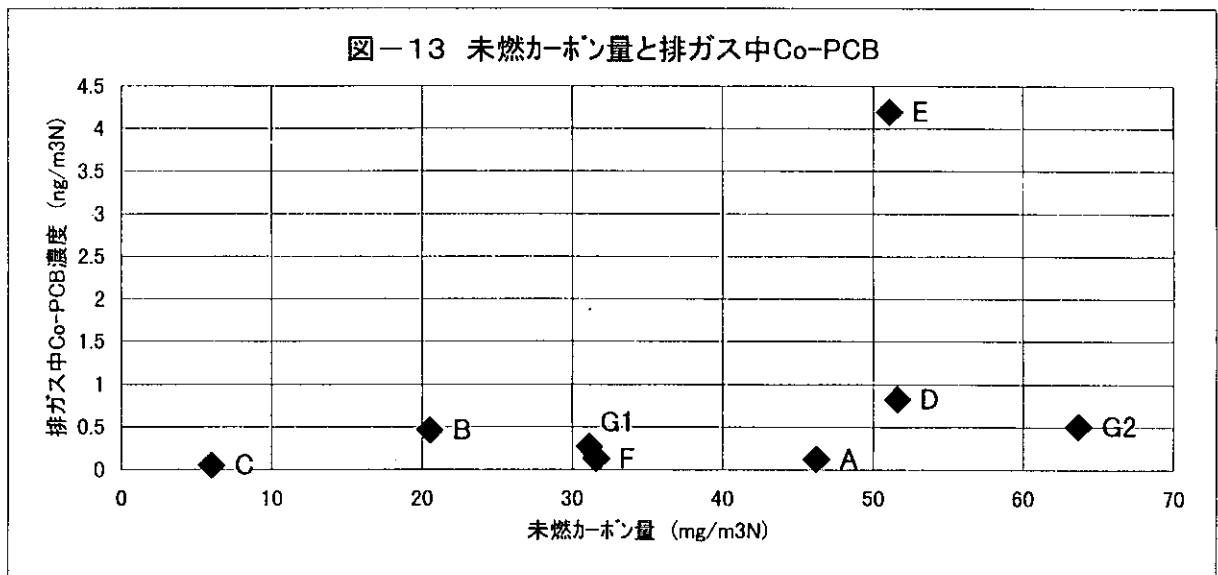
○ THCと排ガスCo-PCB

施設名	A	B	C	D	E	F	G1	G2	H
THC濃度 (ppm)	77	164	37	103	919	305	80	33	161
排ガス									
Co-PCB (ng/m ³ N)	10	31	5.3	76	170	3.9	34	54	0.47
換算濃度 (ng/m ³ N)	13	24	5.7	65	210	8.7	34	54	0.25
TEQ (ng-TEQ/m ³ N)	0.13	0.46	0.056	0.83	4.2	0.13	0.27	0.51	0.000024



○ 未燃カーボンとCo-PCB

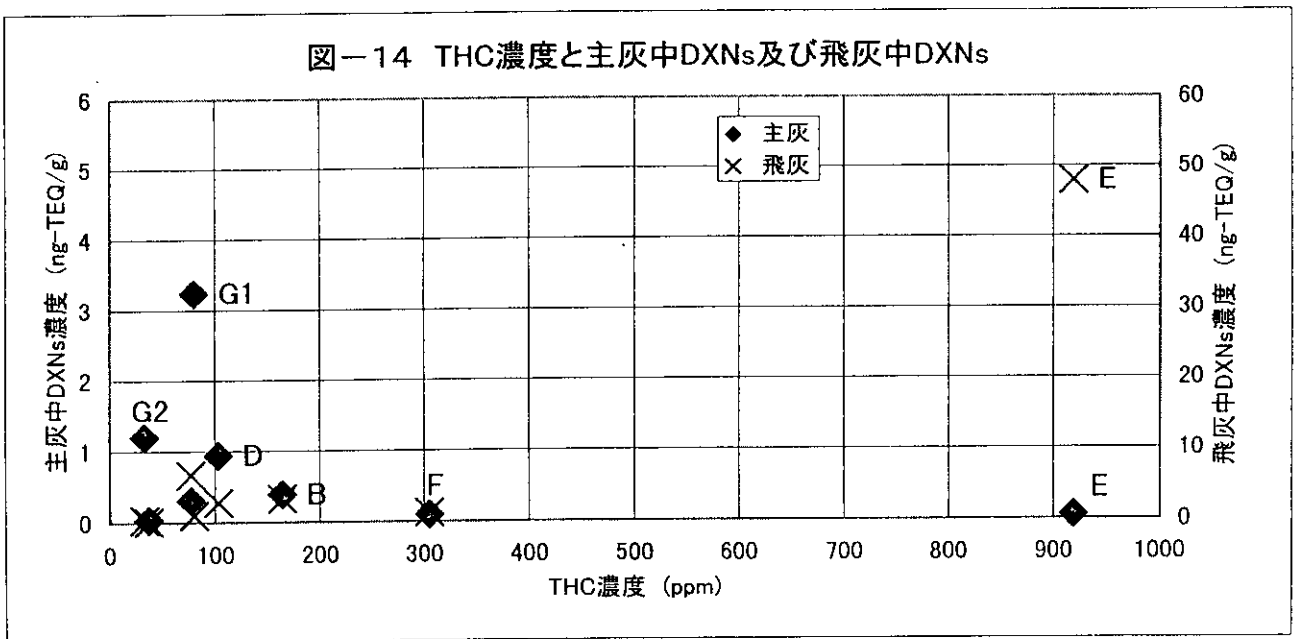
施設名	A	B	C	D	E	F	G1	G2
煤じん中の未燃カーボン (wt%)	2.8	1	0.1	0.8	5.2	10.1	0.4	1.1
煤じん濃度 (g/m3N)	1.65	2.05	5.99	6.45	0.982	0.313	7.79	5.79
未燃カーボン量(mg/m3N)	46	21	6	52	51	32	31	64
排ガス								
Co-PCB (ng/m3N)	10	31	5.3	76	170	3.9	34	54
換算濃度 (ng/m3N)	13	24	5.7	65	210	8.7	34	54
TEQ (ng-TEQ/m3N)	0.13	0.46	0.056	0.83	4.2	0.13	0.27	0.51



○ THCと主灰DXNs及び飛灰DXNs

施設名	A	B	C	D	E	F	G1	G2
THC濃度 (ppm)	77	164	37	103	919	305	80	33
主灰								
TEQ/PCDD	0.093	0.13	0.012	0.21	0.014	0.024	0.64	0.24
TEQ/PCDF	0.22	0.26	0.025	0.73	0.047	0.073	2.6	0.98
主灰	0.31	0.39	0.037	0.94	0.061	0.097	3.24	1.2
飛灰								
TEQ/PCDD	2.1	1.1	0.046	0.6	15	0.46	0.22	0.084
TEQ/PCDF	4.6	2.2	0.043	2.2	33	0.78	0.81	0.28
飛灰	6.7	3.3	0.089	2.8	48	1.24	1	0.364

図-14 THC濃度と主灰中DXNs及び飛灰中DXNs



○ 未燃カーボンと主灰DXNs及び飛灰DXNs

施設名	A	B	C	D	E	F	G1	G2
煤じん中の未燃カーボン(wt%)	2.8	1	0.1	0.8	5.2	10.1	0.4	1.1
煤じん濃度 (g/m3N)	1.65	2.05	5.99	6.45	0.982	0.313	7.79	5.79
未燃カーボン量(mg/m3N)	46	21	6	52	51	32	31	64
主灰								
TEQ/PCDD	0.093	0.13	0.012	0.21	0.014	0.024	0.64	0.24
TEQ/PCDF	0.22	0.26	0.025	0.73	0.047	0.073	2.6	0.98
主灰	0.31	0.39	0.037	0.94	0.061	0.097	3.24	1.2
飛灰								
TEQ/PCDD	2.1	1.1	0.046	0.6	15	0.46	0.22	0.084
TEQ/PCDF	4.6	2.2	0.043	2.2	33	0.78	0.81	0.28
飛灰	6.7	3.3	0.089	2.8	48	1.24	1	0.364

図-15 未燃カーボン量と主灰中DXNs及び飛灰中DXNs

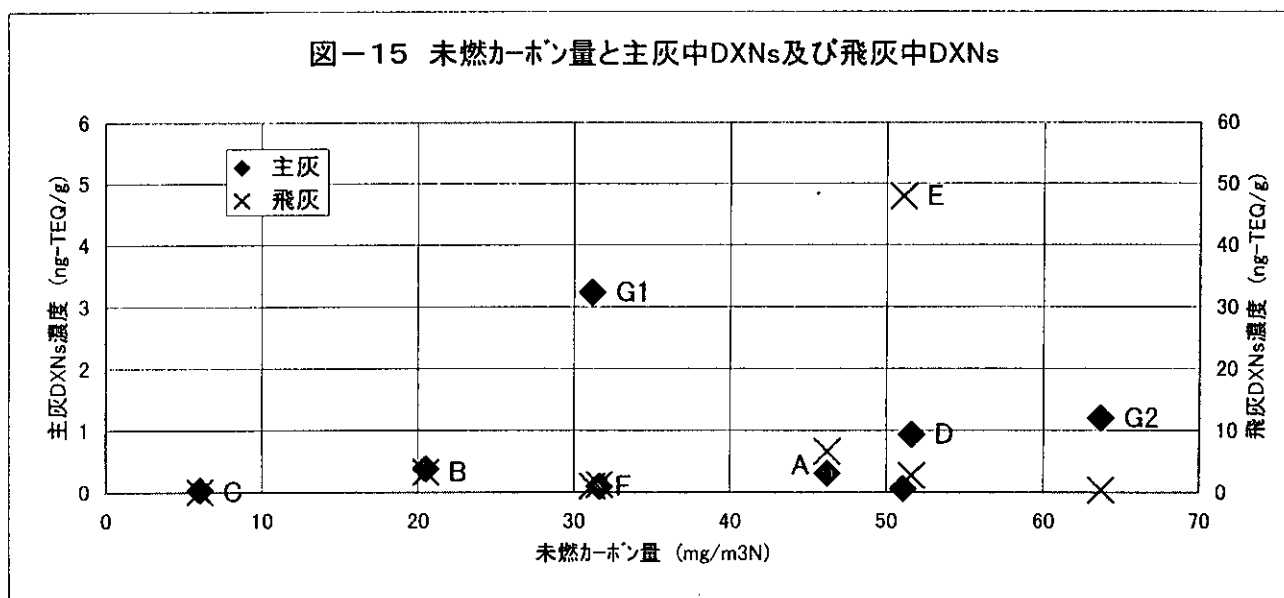


図-16A 主灰中DXNsと排ガス中DXNs

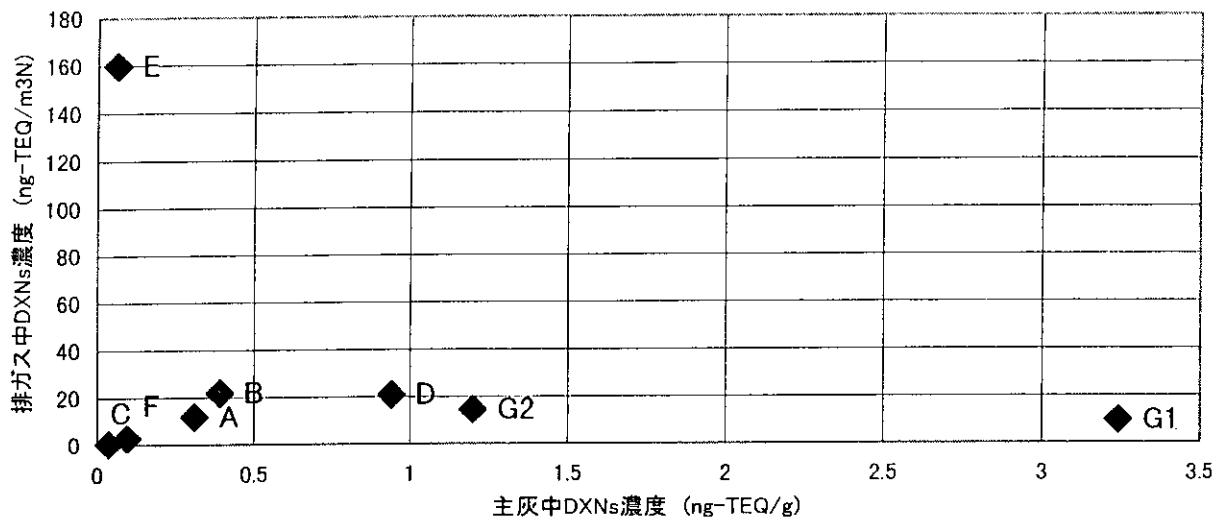


図-16B 飛灰中DXNsと排ガス中DXNs

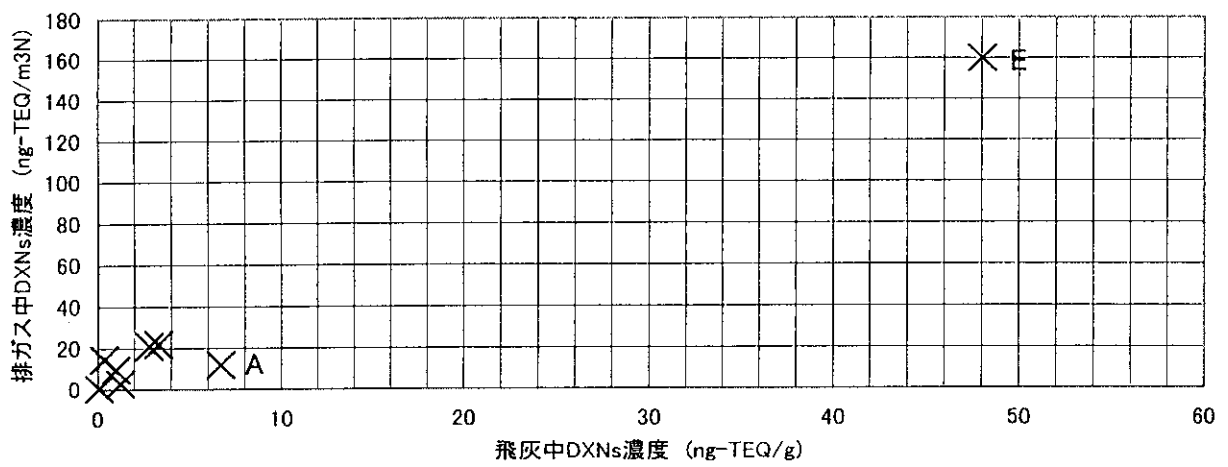
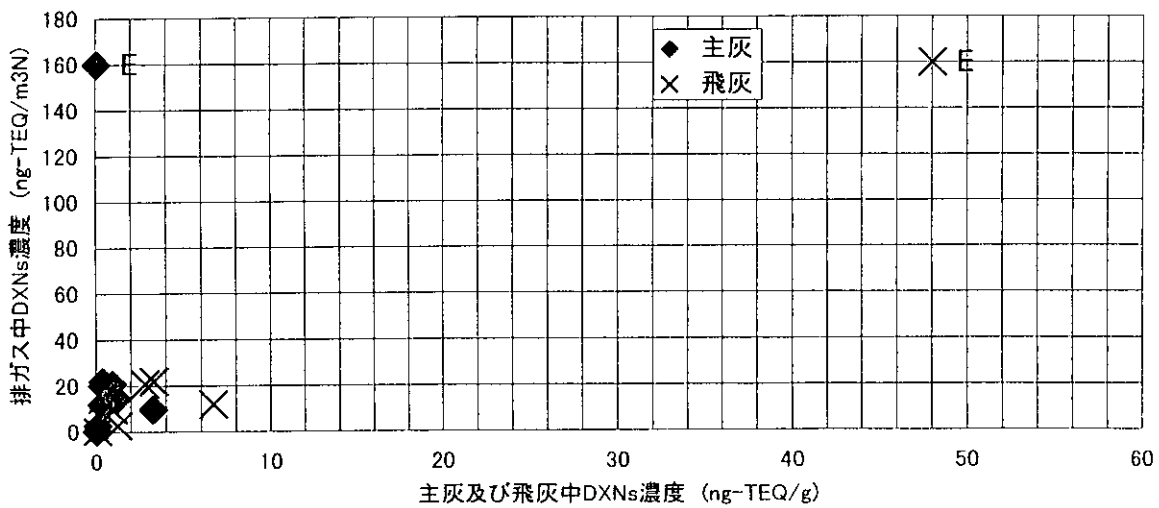
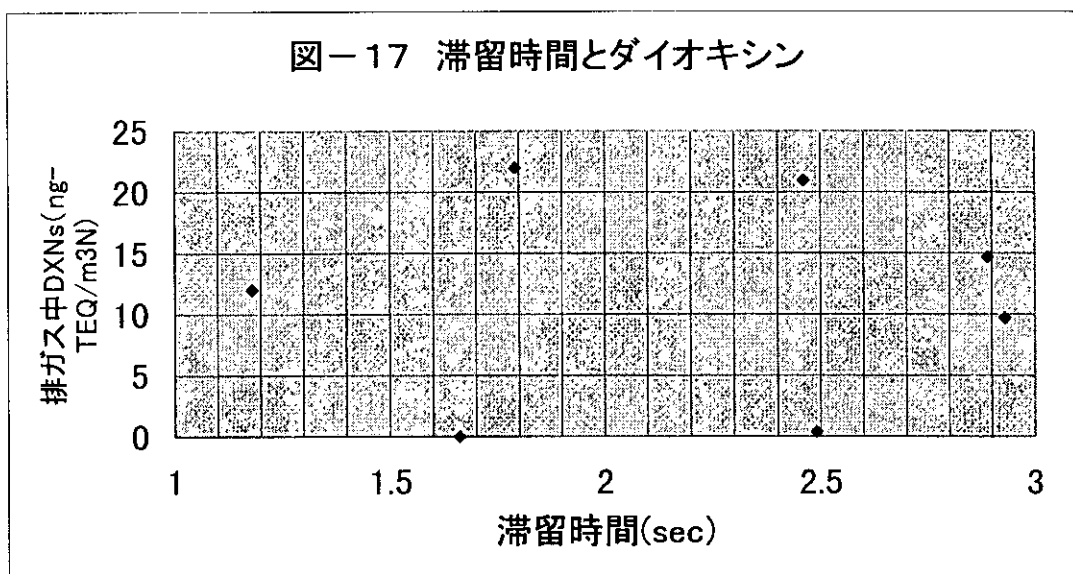


図-16C 主灰及び飛灰中DXNsと排ガス中DXNs

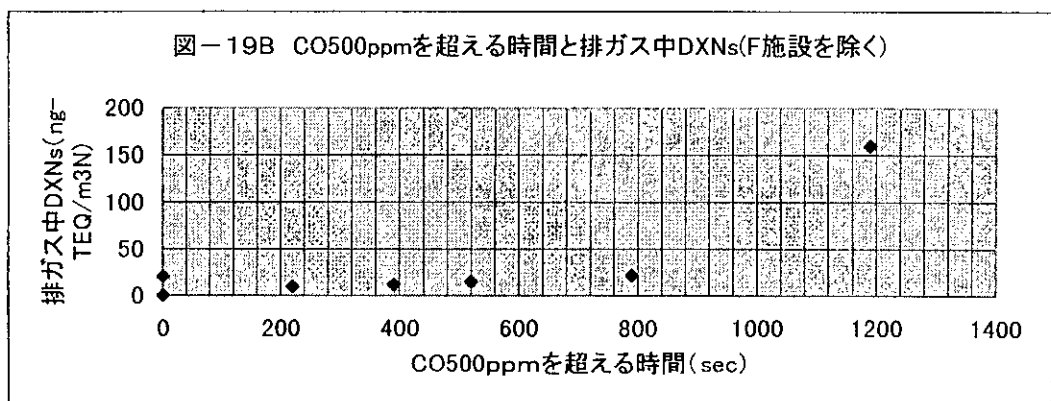
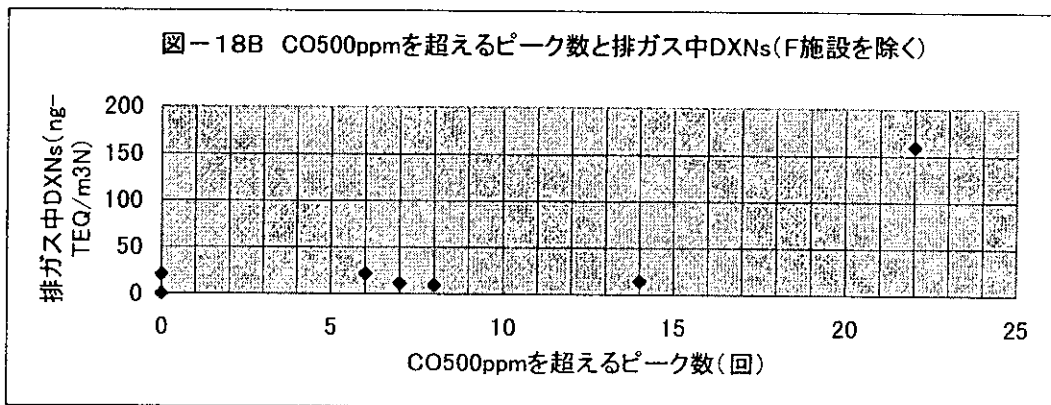
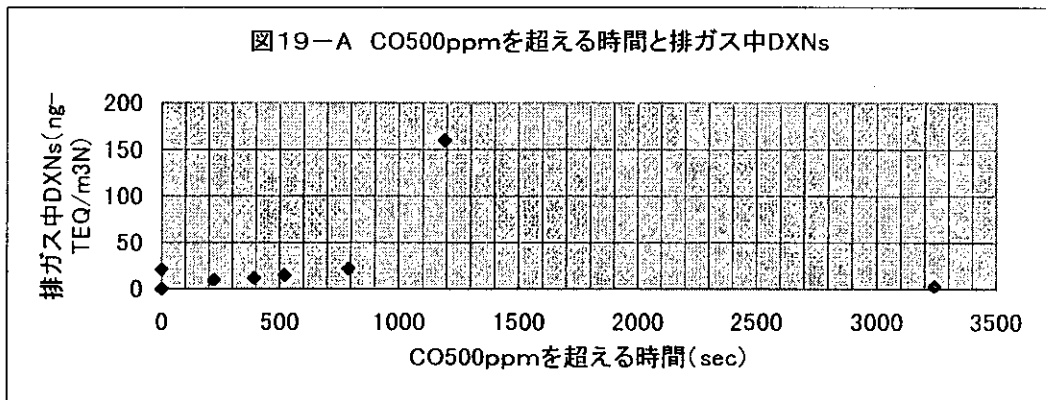
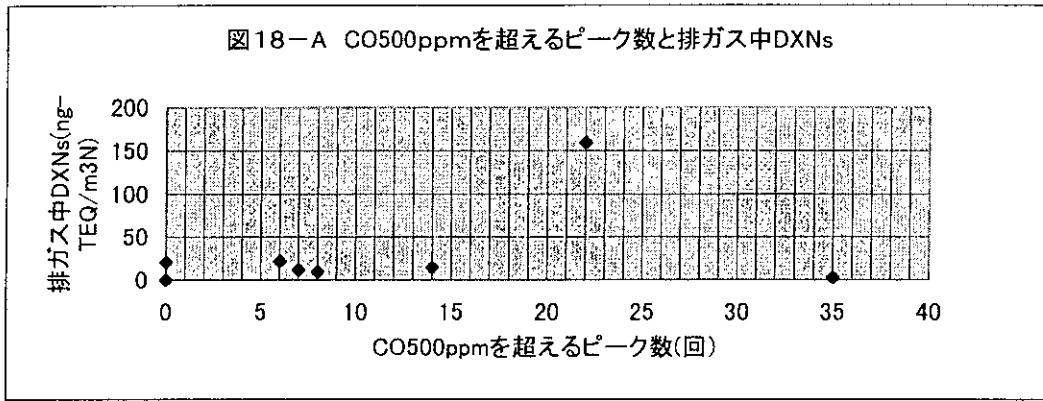


施設名	A	B	C	D	E	F	G1	G2	H
内容積(m3)	53	47.7	133	81.6	N.A.	N.A.	81	81	10.16
滞留時間(sec)	1.18	1.79	2.49	2.46	N.A.	N.A.	2.93	2.89	1.66
TEQ/Total (ng-TEQ/m3N)	12	22	0.41	21	160	2.9	9.7	15	0.012

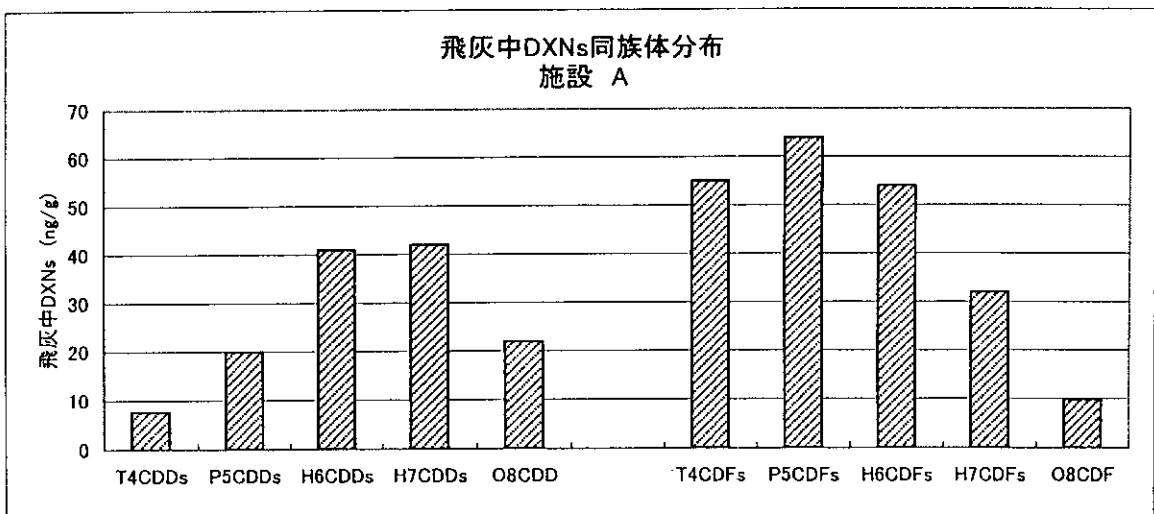
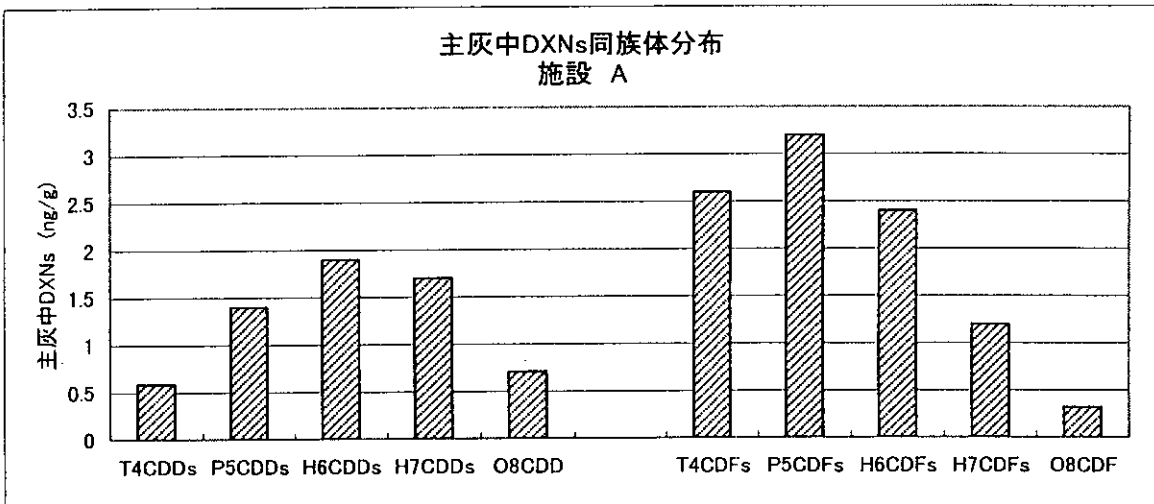
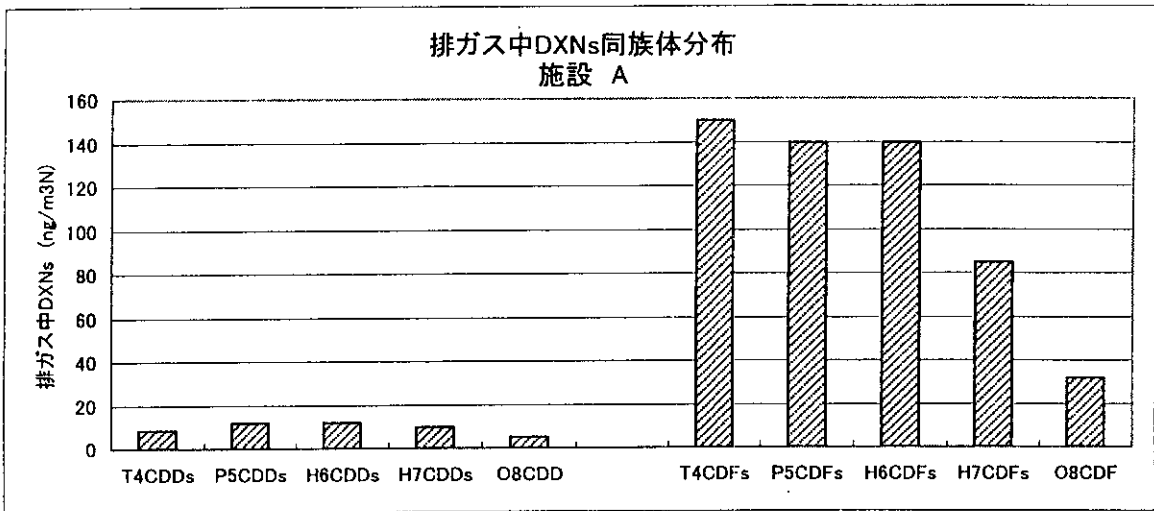
図-17 滞留時間とダイオキシン



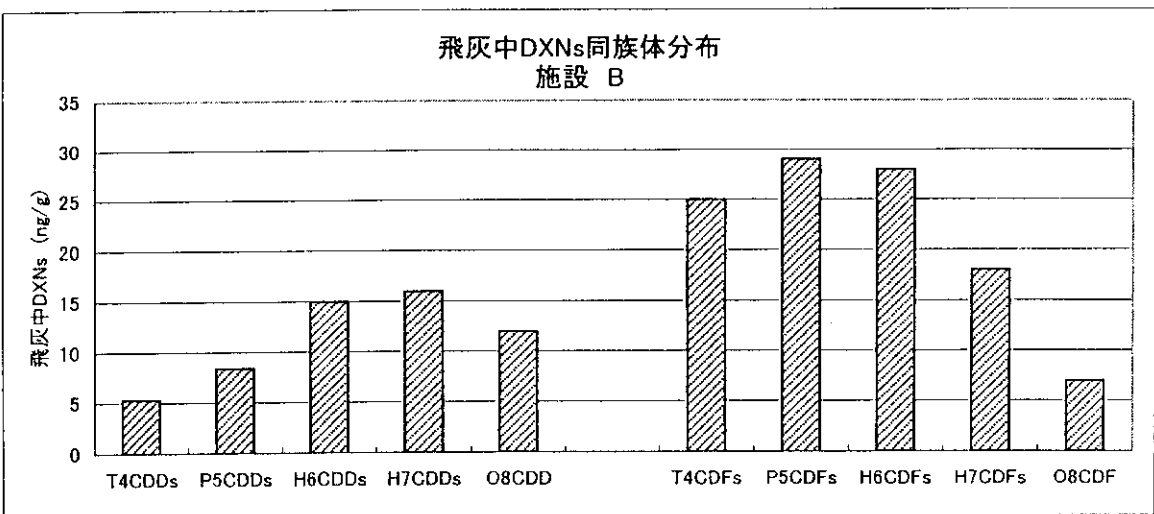
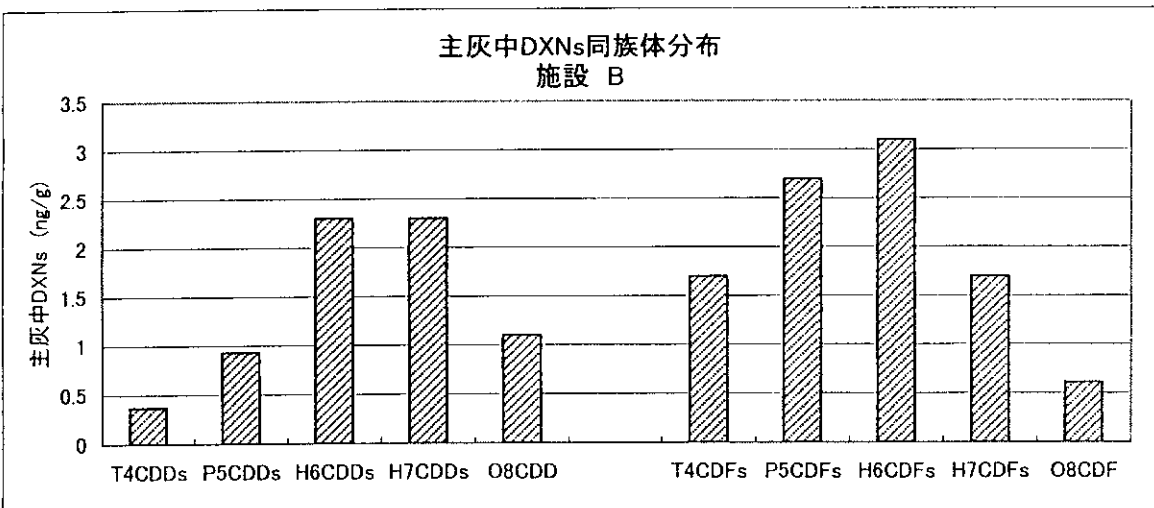
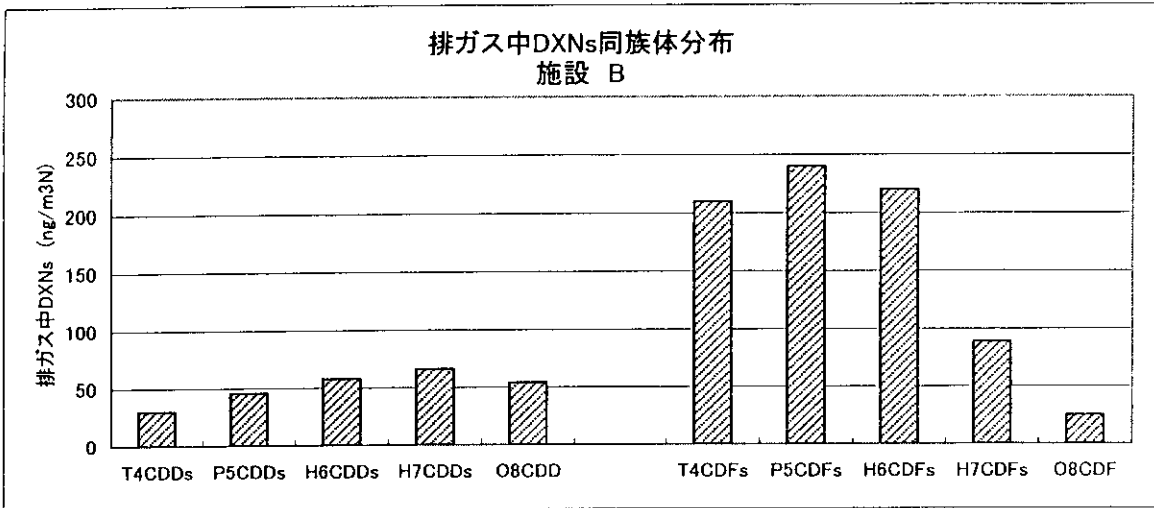
○ COのピークと排ガス中のダイオキシン類



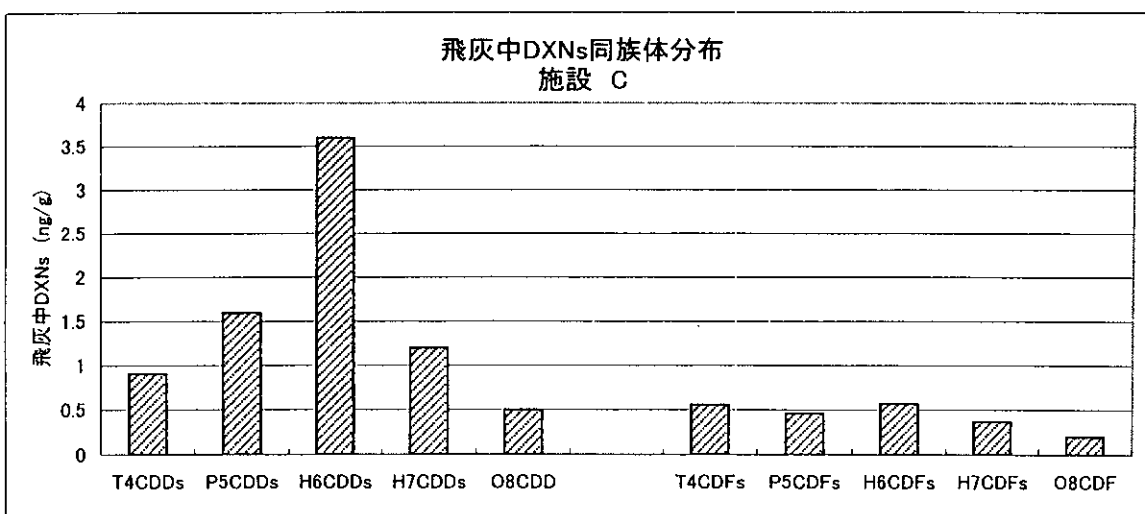
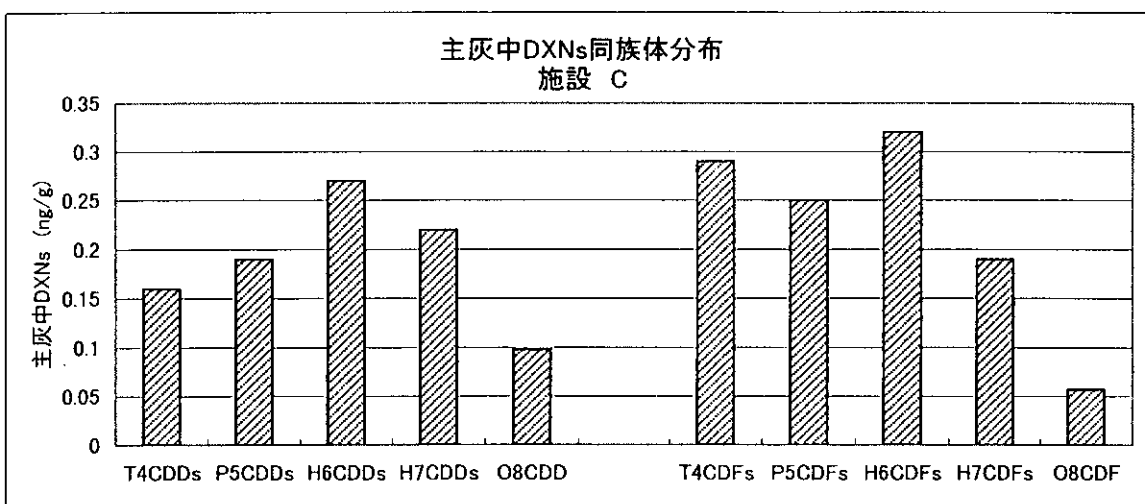
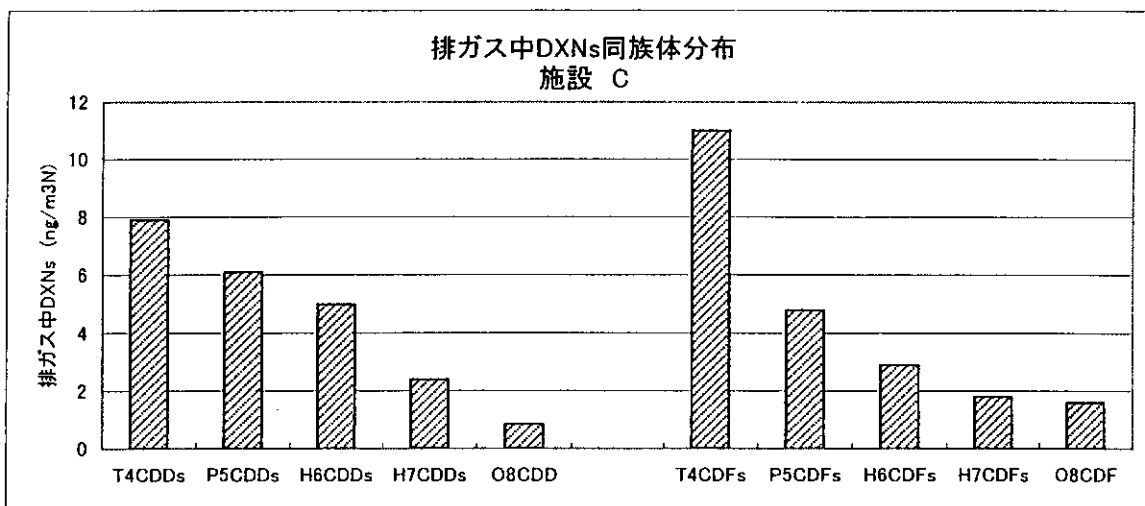
⑬-1 DXNs同族体分布 : 施設 A



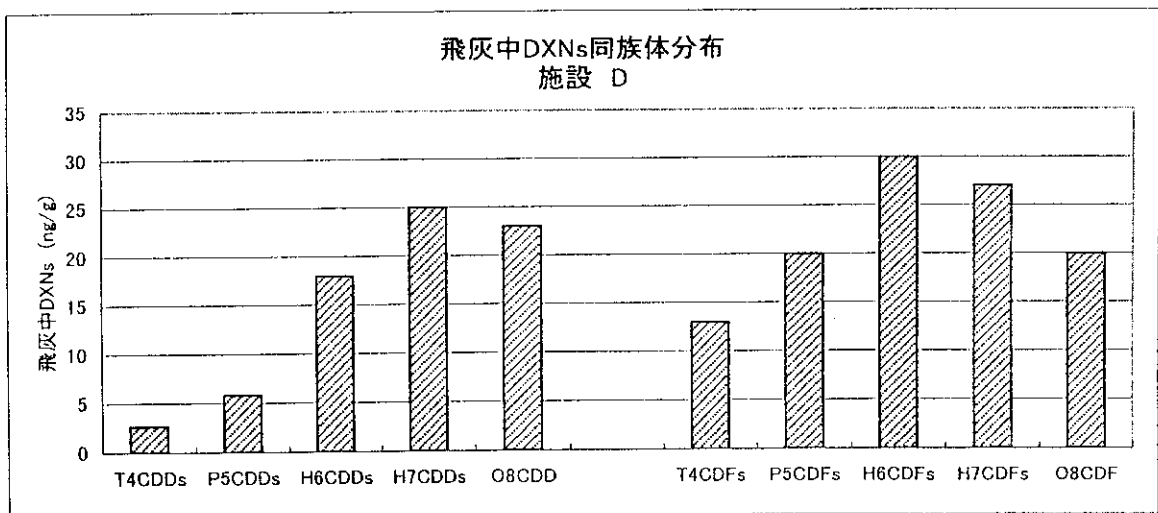
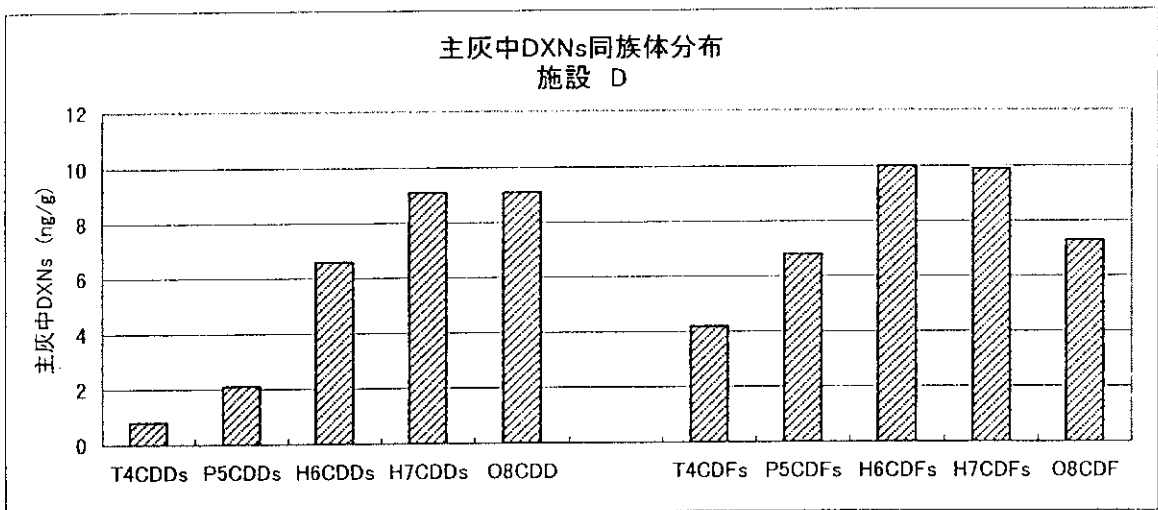
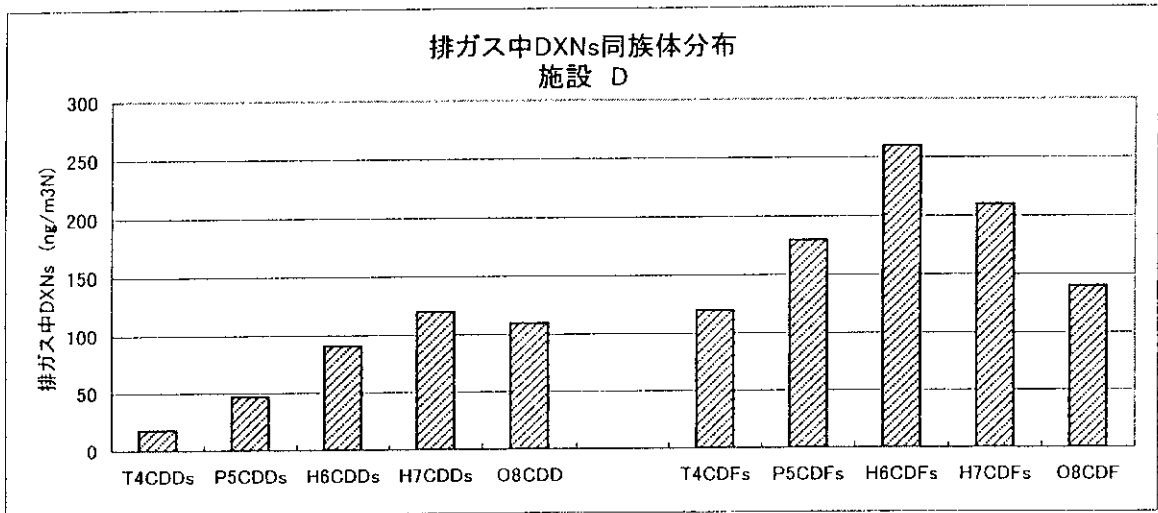
⑬-1 DXNs同族体分布 : 施設 B



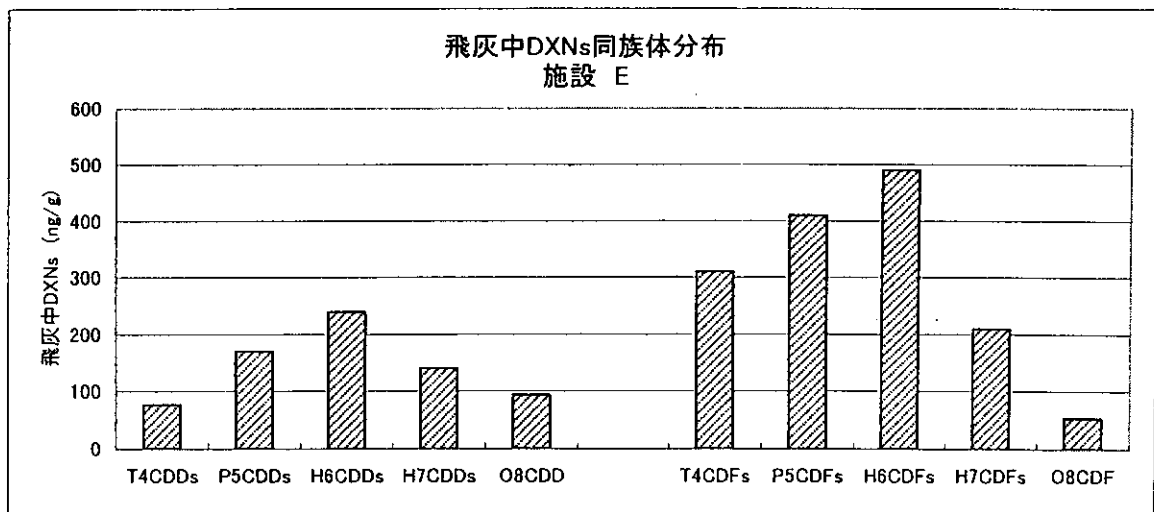
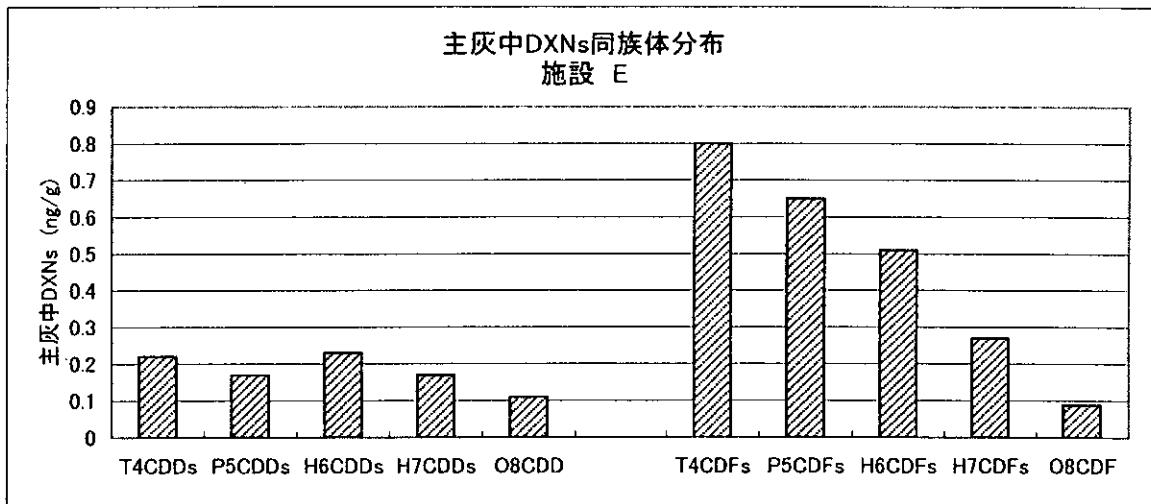
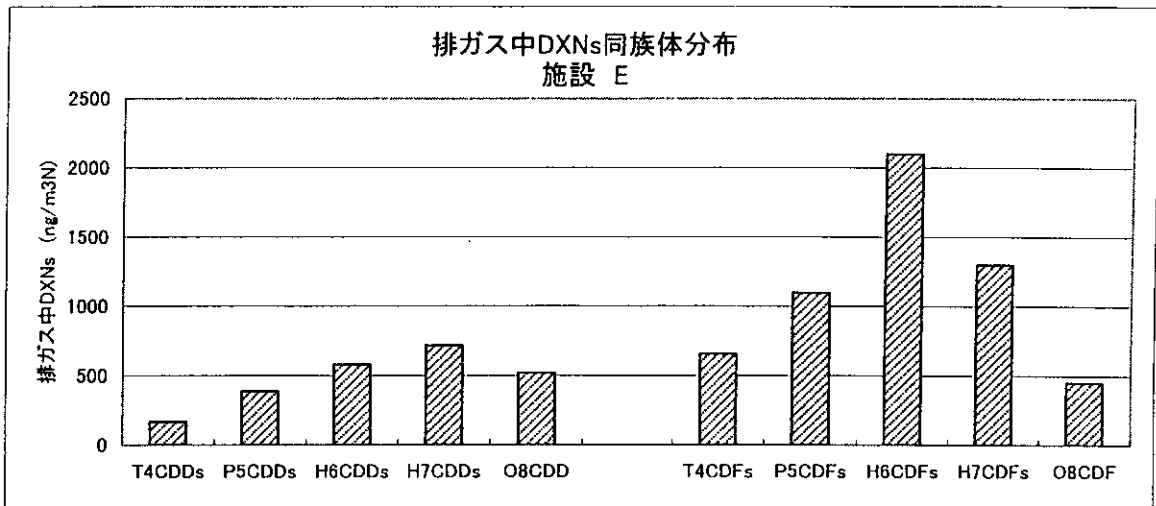
⑬-1 DXNs同族体分布 : 施設 C



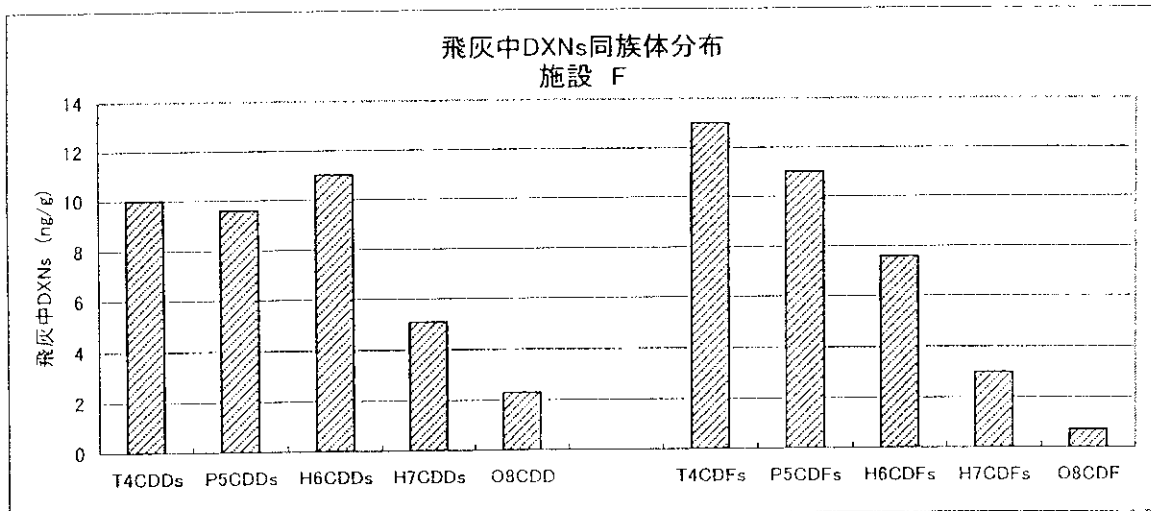
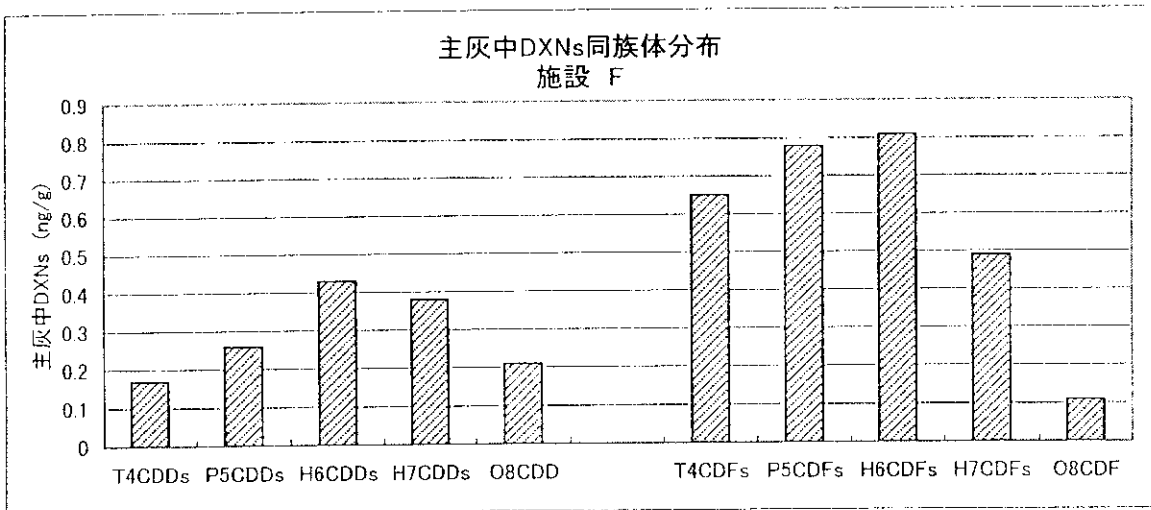
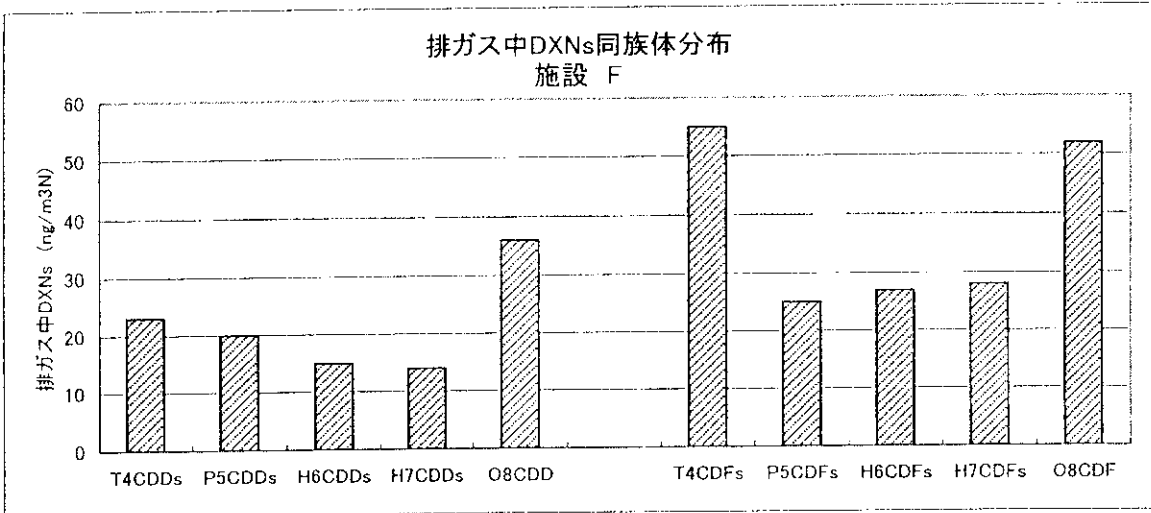
⑬-1 DXNs同族体分布 : 施設 D



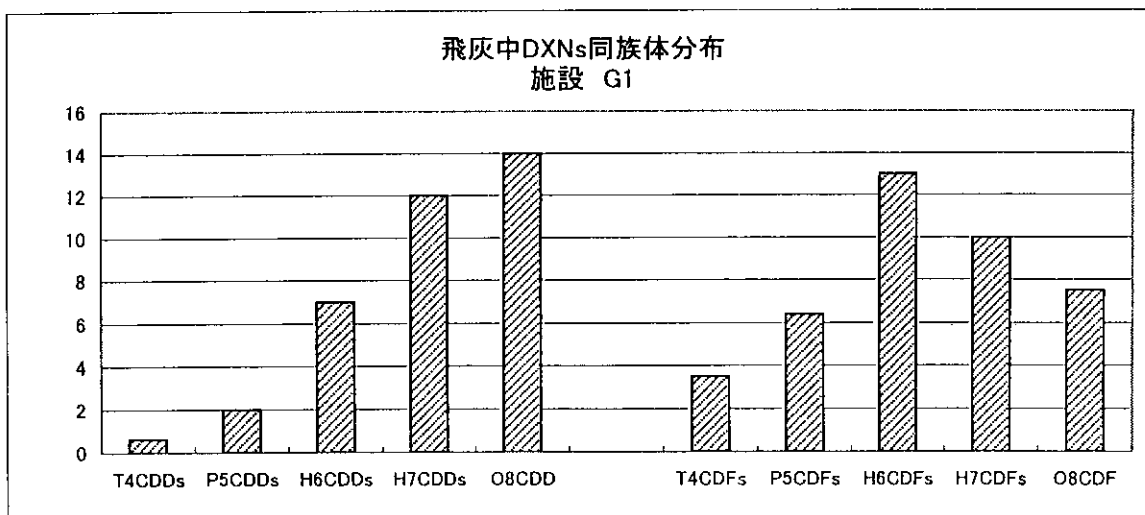
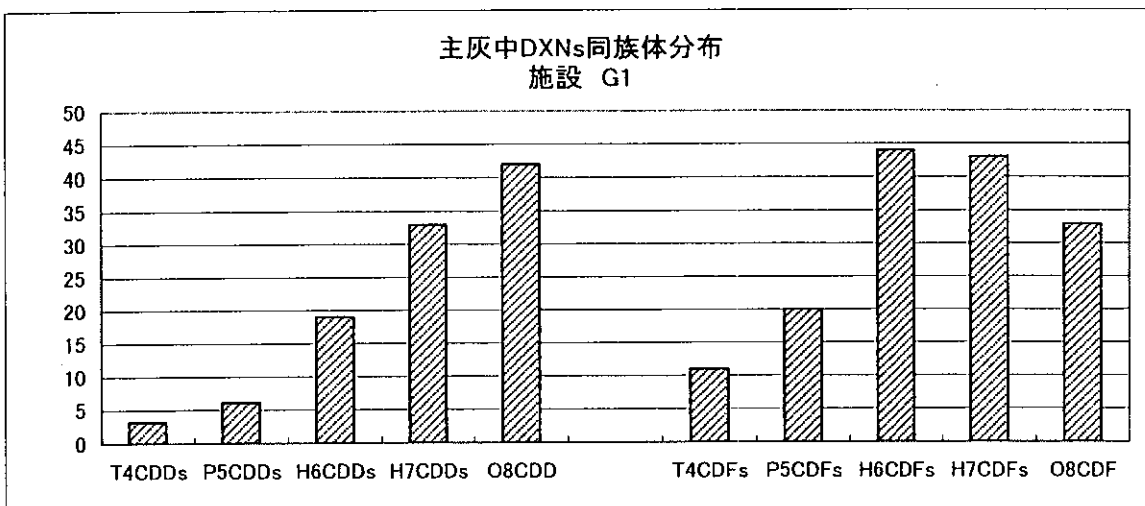
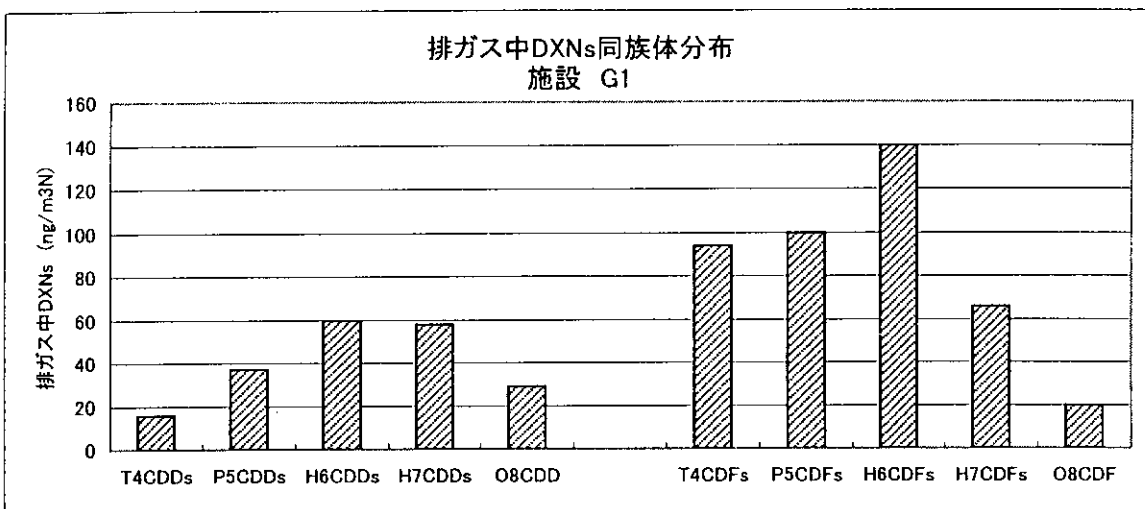
⑬-1 DXNs同族体分布 : 施設 E



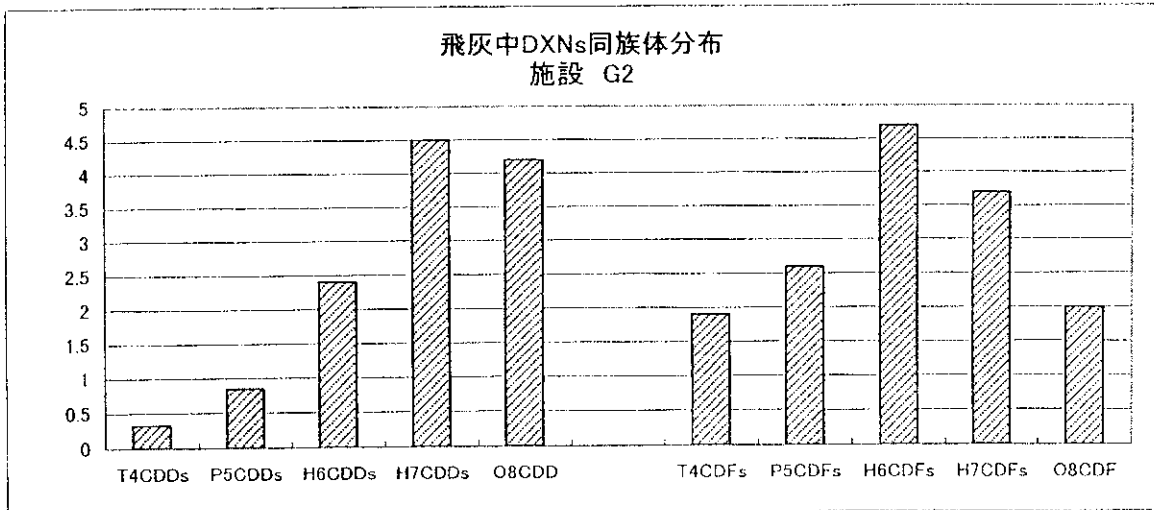
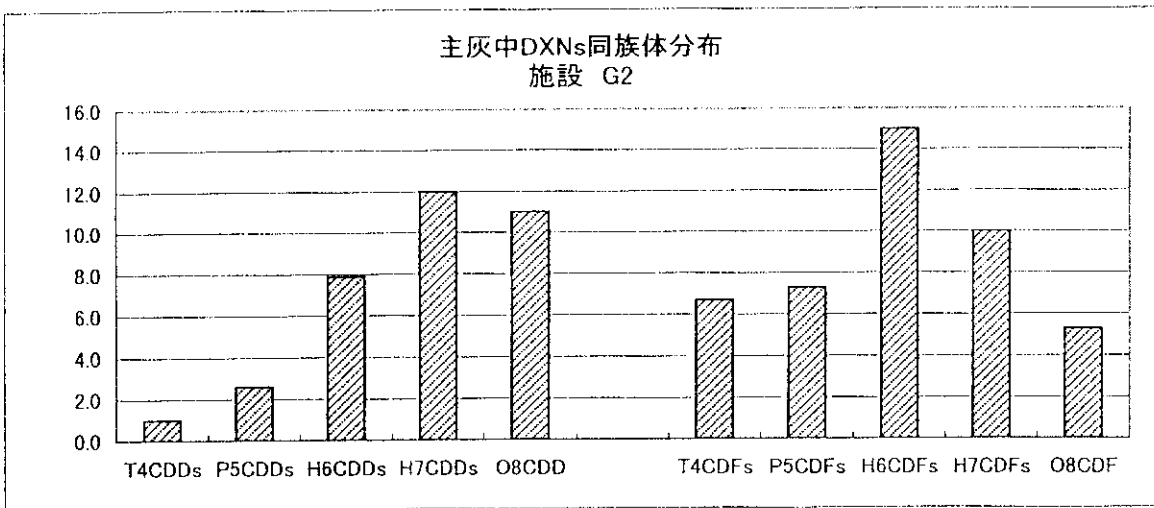
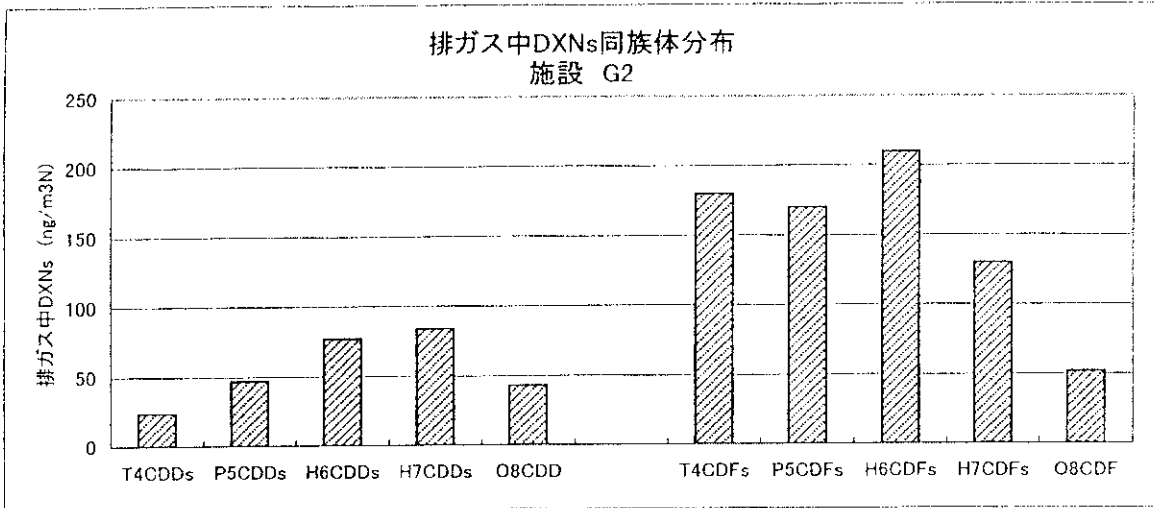
⑬-1 DXNs同族体分布 : 施設 F



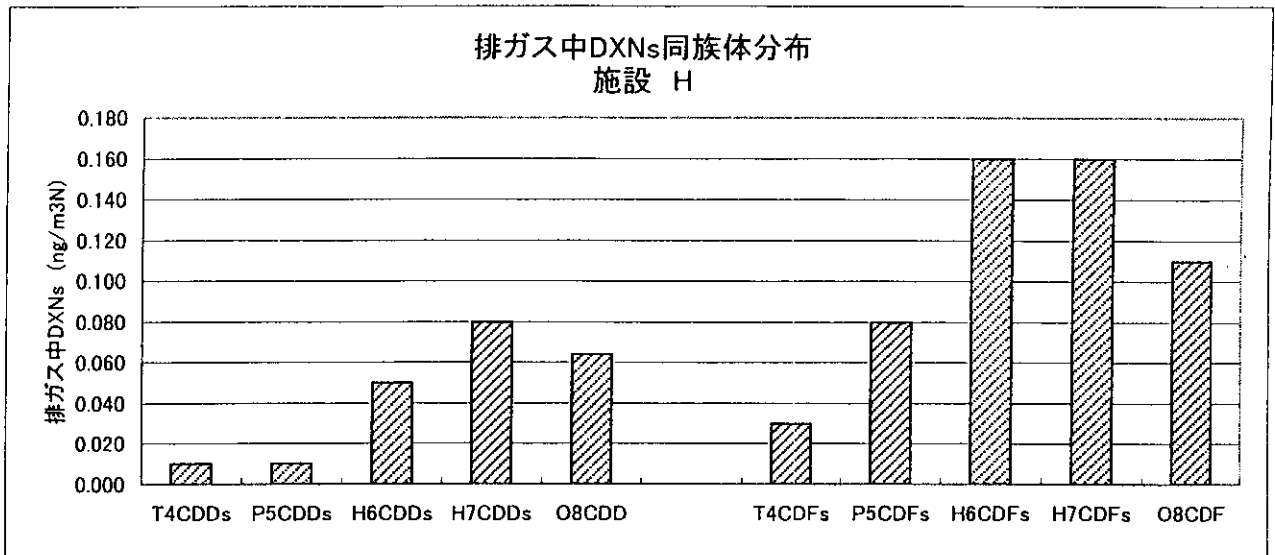
⑬-1 DXNs同族体分布 : 施設 G1



⑬-1 DXNs同族体分布 : 施設 G2



⑬-1 DXNs同族体分布 : 施設 H



⑬-2 Co-PCB分布 : 施設 B

