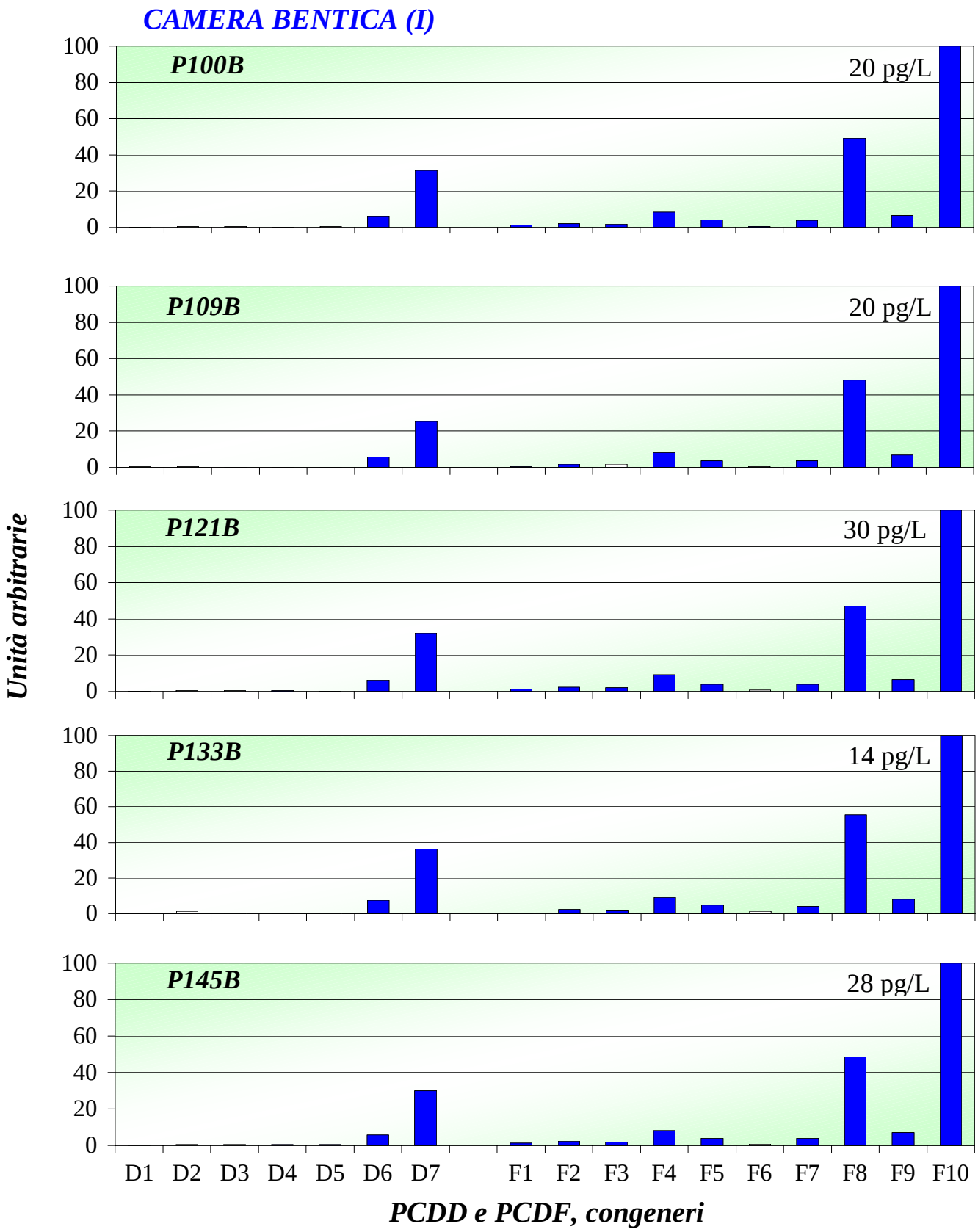
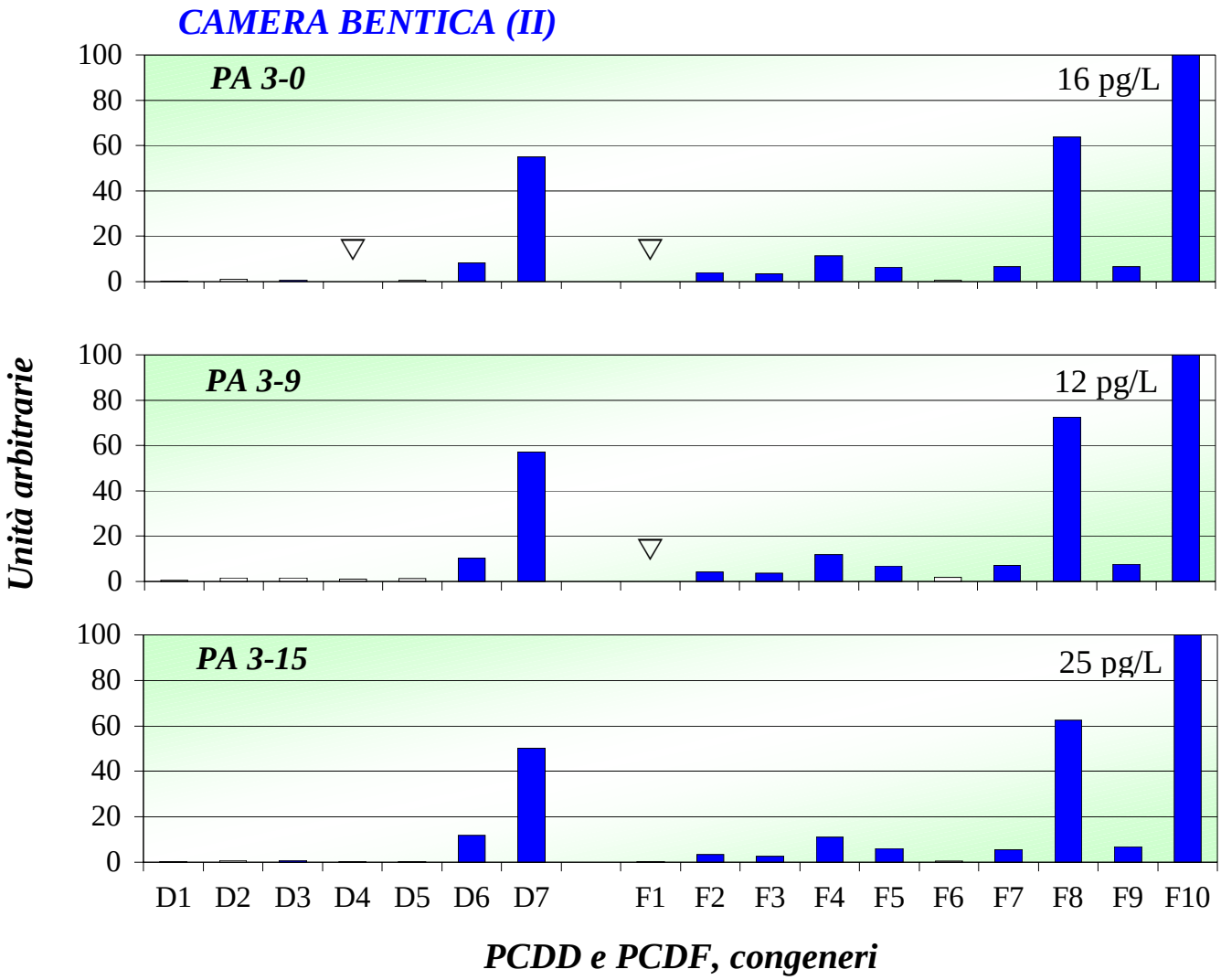


Profili dei congeneri di policlorodibenzodiossine e policlorodibenzofurani rilevati nel particolato sospeso della fase acquosa. Campionamenti eseguiti nel Luglio 2001. Ogni profilo è normalizzato sul componente maggiore. Le barre chiare corrispondono ai limiti di determinazione.

D1, 2,3,7,8-T_4CDD; **D2,** 1,2,3,7,8-P_5CDD; **D3,** 1,2,3,4,7,8-H_6CDD; **D4,** 1,2,3,6,7,8-H_6CDD; **D5,** 1,2,3,7,8,9-H_6CDD; **D6,** 1,2,3,4,6,7,8-H_7CDD; **D7,** O_8CDD; **F1,** 2,3,7,8-T_4CDF; **F2,** 1,2,3,7,8-P_5CDF; **F3,** 2,3,4,7,8-P_5CDF; **F4,** 1,2,3,4,7,8-H_6CDF; **F5,** 1,2,3,6,7,8-H_6CDF; **F6,** 1,2,3,7,8,9-H_6CDF; **F7,** 2,3,4,6,7,8-H_6CDF; **F8,** 1,2,3,4,6,7,8-H_7CDF; **F9,** 1,2,3,4,7,8,9-H_7CDF; **F10,** O_8CDF



Profili dei congeneri di policlorodibenzodiossine e policlorodibenzofurani rilevati nel particolato sospeso della fase acquosa. Campionamenti eseguiti nel Luglio 2001. Ogni profilo è normalizzato sul componente maggiore. Le barre chiare corrispondono ai limiti di determinazione. I composti "▽" non sono stati determinati.

D1, 2,3,7,8-T_4CDD; **D2,** 1,2,3,7,8-P_5CDD; **D3,** 1,2,3,4,7,8-H_6CDD; **D4,** 1,2,3,6,7,8-H_6CDD; **D5,** 1,2,3,7,8,9-H_6CDD; **D6,** 1,2,3,4,6,7,8-H_7CDD; **D7,** O_8CDD; **F1,** 2,3,7,8-T_4CDF; **F2,** 1,2,3,7,8-P_5CDF; **F3,** 2,3,4,7,8-P_5CDF; **F4,** 1,2,3,4,7,8-H_6CDF; **F5,** 1,2,3,6,7,8-H_6CDF; **F6,** 1,2,3,7,8,9-H_6CDF; **F7,** 2,3,4,6,7,8-H_6CDF; **F8,** 1,2,3,4,6,7,8-H_7CDF; **F9,** 1,2,3,4,7,8,9-H_7CDF; **F10,** O_8CDF

Risultati dei rilevamenti di PCDD e PCDF eseguiti sul particolato sospeso della fase acquosa nelle Camere Bentiche I e II.

PCDD+PCDF	**CONCENTRAZIONI (*pg/L*)**							
	Camera Bentica (I)					***Camera Bentica (II)***		
	P100B	**P109B**	**P121B**	**P133B**	**P145B**	**PA 3-0**	**PA 3-9**	**PA 3-15**
2,3,7,8-T_4CDD	<0.05	<0.09	<0.05	<0.09	<0.09	<0.06	<0.06	<0.06
1,2,3,7,8-P_5CDD	<0.1	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2,3,4,7,8-H_6CDD	<0.1	<0.07	<0.1	<0.09	0.12	0.078	<0.2	0.17
1,2,3,6,7,8-H_6CDD	<0.08	<0.05	0.143	<0.07	0.14	nd	<0.1	<0.07
1,2,3,7,8,9-H_6CDD	<0.09	<0.06	<0.1	<0.08	0.13	<0.07	<0.2	<0.09
1,2,3,4,6,7,8-H_7CDD	1.3	1.1	1.9	1.0	1.6	1.3	1.2	2.9
O_8CDD	6.3	4.9	9.8	5.1	8.4	8.8	6.6	12
2,3,7,8-T_4CDF	0.29	0.11	0.41	0.087	0.33	nd	nd	<0.06
1,2,3,7,8-P_5CDF	0.43	0.38	0.72	0.32	0.65	0.64	0.49	0.86
2,3,4,7,8-P_5CDF	0.40	<0.4	0.64	0.24	0.52	0.56	0.44	0.67
1,2,3,4,7,8-H_6CDF	1.7	1.6	2.9	1.3	2.3	1.8	1.4	2.7
1,2,3,6,7,8-H_6CDF	0.86	0.73	1.2	0.67	1.1	1.0	0.80	1.5
1,2,3,7,8,9-H_6CDF	0.13	<0.1	<0.2	<0.2	<0.2	<0.1	<0.2	<0.1
2,3,4,6,7,8-H_6CDF	0.81	0.74	1.2	0.57	1.1	1.1	0.83	1.4
1,2,3,4,6,7,8-H_7CDF	9.9	9.4	14	7.8	14	10	8.39	15
1,2,3,4,7,8,9-H_7CDF	1.4	1.3	2.0	1.1	2.0	1.1	0.89	1.7
O_8CDF	20	20	30	14	28	16	12	25

I Camera Bentica

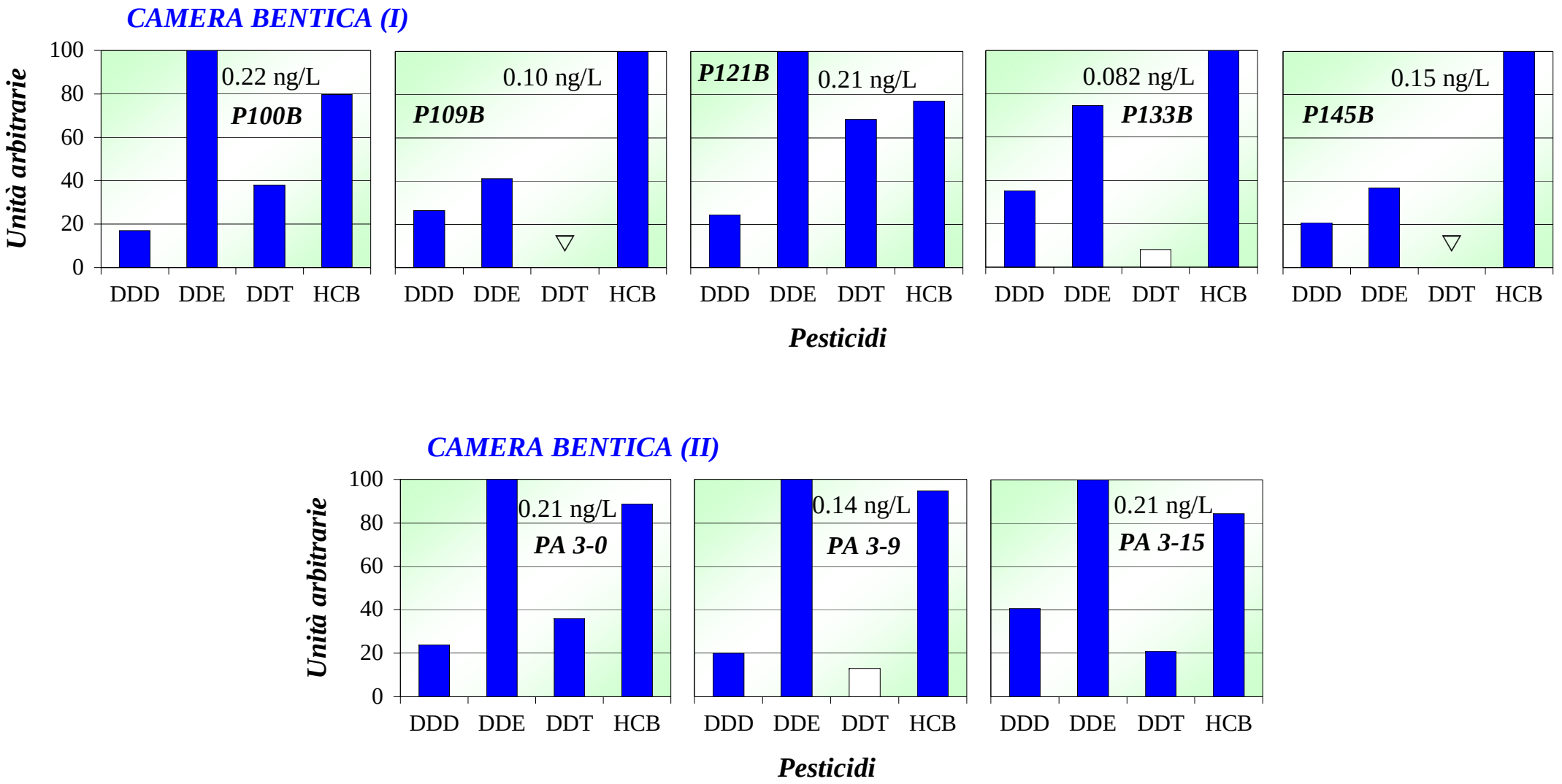
	P100B	P109B	P121B	P133B	P145B
Tot (pg/L)	43.9	40.4	66.1	32.5	60.1
Tot (pgI-TE/L)	0.819	0.664	1.25	0.628	1.11
Tot (pgWHO-TE/L)	0.824	0.669	1.26	0.654	1.13

II Camera Bentica

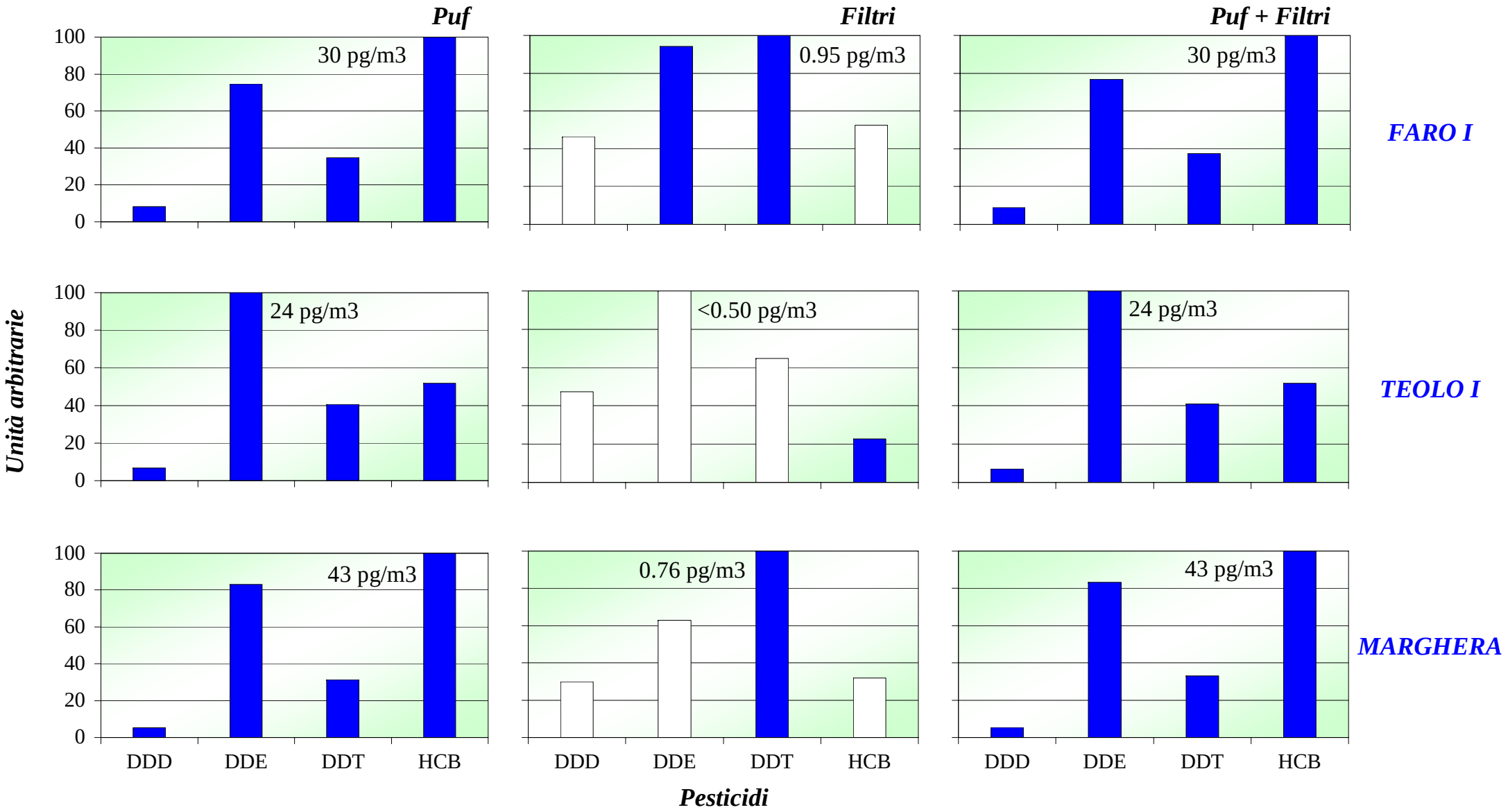
	PA 3-0	PA 3-9	PA 3-15
Tot (pg/L)	42.7	33.0	64.4
Tot (pgI-TE/L)	0.938	0.776	1.28
Tot (pgWHO-TE/L)	0.956	0.803	1.29

Risultati dei rilevamenti di pesticidi clorurati eseguiti sul particolato sospeso della fase acquosa nelle Camere Bentiche I e II.

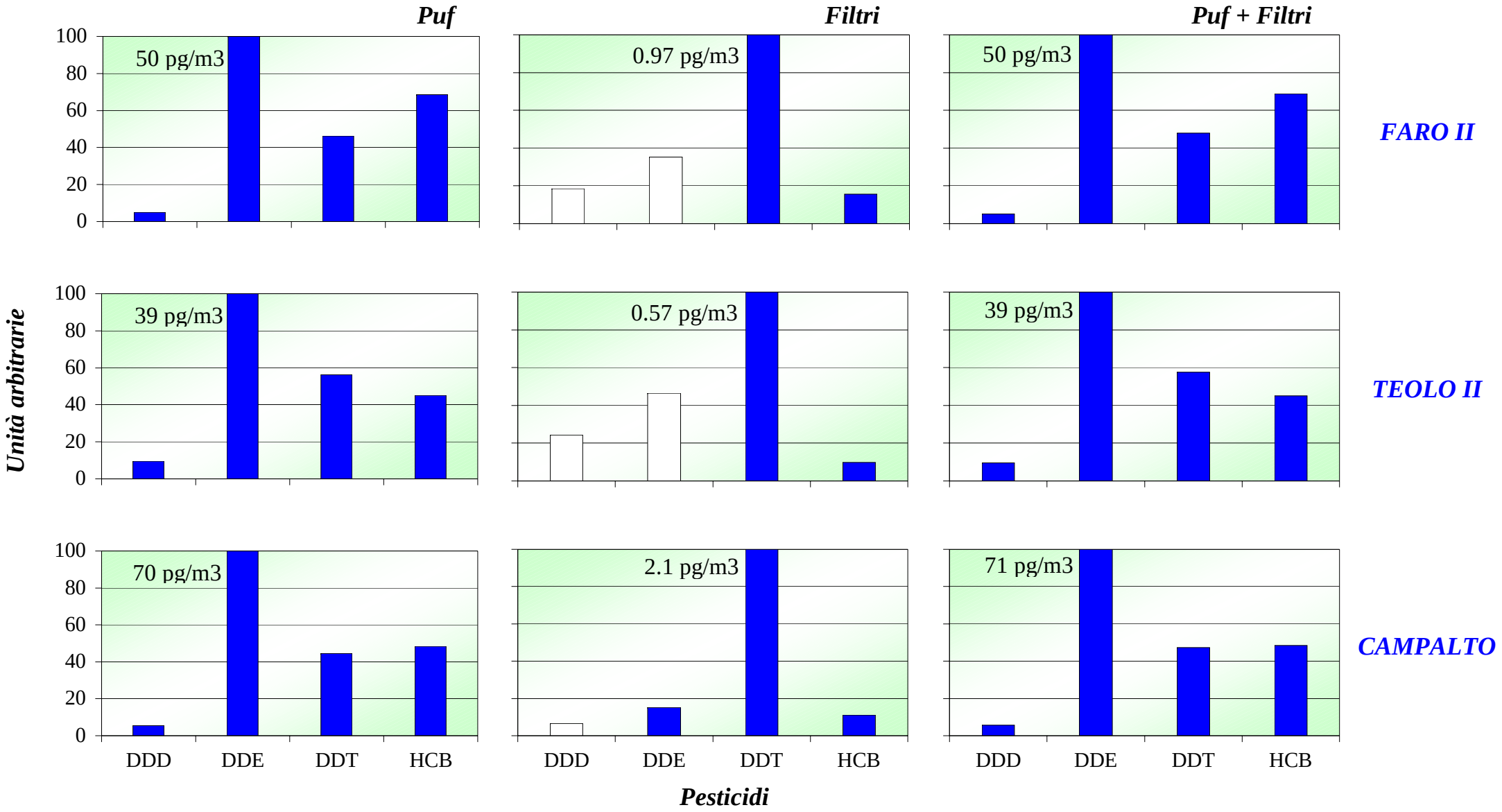
PESTICIDI	**CONCENTRAZIONI (*ng/L*)**							
	Camera Bentica (I)					***Camera Bentica (II)***		
	P100B	**P109B**	**P121B**	**P133B**	**P145B**	**PA 3-0**	**PA 3-9**	**PA 3-15**
p,p'-DDD	0.038	0.026	0.052	0.029	0.032	0.049	0.029	0.087
p,p'-DDE	0.22	0.040	0.21	0.061	0.056	0.21	0.14	0.21
p,p'-DDT	0.084	nd	0.15	< 0.007	nd	0.074	< 0.02	0.045
HCB	0.18	0.098	0.16	0.082	0.15	0.18	0.14	0.18



Profili dei pesticidi clorurati (*p,p'*-DDD, *p,p'*-DDE, *p,p'*-DDT, e HCB) rilevati nel particolato sospeso della fase acquosa nelle Camere Bentiche I e II. Campionamenti eseguiti nel Luglio 2001. Ogni profilo è normalizzato sul componente maggiore. Le barre chiare corrispondono ai limiti di determinazione. Il composto "▽" non è stato determinato.



Profili dei pesticidi clorurati (*p,p'*-DDD, *p,p'*-DDE, *p,p'*-DDT, e HCB) rilevati mediante campionatori ad "alto volume" alle stazioni di Faro, Teolo, e Marghera nella laguna di Venezia. Campionamenti del Luglio 2001. Ogni profilo è normalizzato sul componente maggiore. Le barre chiare corrispondono ai limiti di determinazione.



Profili dei pesticidi clorurati (*p,p'*-DDD, *p,p'*-DDE, *p,p'*-DDT, e HCB) rilevati mediante campionatori ad "alto volume" alle stazioni di Faro, Teolo, e Marghera nella laguna di Venezia. Campionamenti del Luglio 2001. Ogni profilo è normalizzato sul componente maggiore. Le barre chiare corrispondono ai limiti di determinazione.

Risultati dei rilevamenti di pesticidi clorurati mediante campionatori ad “alto volume” nella laguna di Venezia

LOCALIZ-ZAZIONE *I Campagna*	VOLUME CAMPIONATO *(m^3)*	PESTICIDI CLORURATI *(pg/m^3)*	*Puf*	*Filtri*	*Somma*
Faro I	386	*p,p'*-DDD	2.5	<0.4	2.7
		p,p'-DDE	22	0.90	23
		p,p'-DDT	10	0.95	11
		HCB	30	<0.5	30
Teolo I	671	*p,p'*-DDD	1.6	<0.2	1.7
		p,p'-DDE	24	<0.5	24
		p,p'-DDT	9.6	<0.3	9.8
		HCB	12	0.11	12
Marghera	736	*p,p'*-DDD	2.3	<0.2	2.4
		p,p'-DDE	36	<0.5	36
		p,p'-DDT	13	0.76	14
		HCB	43	<0.2	43
Faro II	207	*p,p'*-DDD	2.5	<0.2	2.6
		p,p'-DDE	50	<0.3	50
		p,p'-DDT	23	0.97	24
		HCB	34	0.15	35
Teolo II	313	*p,p'*-DDD	3.7	0.14	3.8
		p,p'-DDE	39	0.26	39
		p,p'-DDT	22	0.57	23
		HCB	18	0.056	18
Campalto	307	*p,p'*-DDD	3.9	0.14	3.9
		p,p'-DDE	70	0.32	71
		p,p'-DDT	31	2.1	33
		HCB	34	0.23	34

FARO I

Volume campionato m^3 385.8

PCDD + PCDF	**CONCENTRAZIONE (*fg/m^3*)**		
	Puf	***Filtro***	***Puf+Filtro***
2,3,7,8-T_4CDD	<2	<4	—
1,2,3,7,8-P_5CDD	<6	<9	—
1,2,3,4,7,8-H_6CDD	<4	<7	—
1,2,3,6,7,8-H_6CDD	<4	<6	—
1,2,3,7,8,9-H_6CDD	<4	<6	—
1,2,3,4,6,7,8-H_7CDD	5.4	<4	—
O_8CDD	16	15	—
2,3,7,8-T_4CDF	3.7	<2	—
1,2,3,7,8-P_5CDF	<4	<7	—
2,3,4,7,8-P_5CDF	<4	<7	—
1,2,3,4,7,8-H_6CDF	<4	<9	—
1,2,3,6,7,8-H_6CDF	<3	<7	—
1,2,3,7,8,9-H_6CDF	<4	<10	—
2,3,4,6,7,8-H_6CDF	<4	<9	—
1,2,3,4,6,7,8-H_7CDF	4.0	<8	—
1,2,3,4,7,8,9-H_7CDF	<2	<7	—
O_8CDF	<7	<9	—
TOT fg/m^3	55	71	—
TOT fgTE(I)/m^3	5.1	9.1	—
TOT fgTE(WHO)/m^3	6.5	11	—

TEOLO I

Volume campionato m^3 670.7

PCDD + PCDF	CONCENTRAZIONE (fg/m^3)		
	Puf	*Filtro*	*Puf+Filtro*
2,3,7,8-T_4CDD	<1	<1	—
1,2,3,7,8-P_5CDD	<3	<7	—
1,2,3,4,7,8-H_6CDD	<2	<7	—
1,2,3,6,7,8-H_6CDD	<2	<6	—
1,2,3,7,8,9-H_6CDD	<2	<7	—
1,2,3,4,6,7,8-H_7CDD	1.6	7.9	—
O_8CDD	4.8	24	—
2,3,7,8-T_4CDF	6.9	<1	—
1,2,3,7,8-P_5CDF	<2	<6	—
2,3,4,7,8-P_5CDF	2.7	<6	—
1,2,3,4,7,8-H_6CDF	2.8	<6	—
1,2,3,6,7,8-H_6CDF	2.5	<5	—
1,2,3,7,8,9-H_6CDF	<2	<7	—
2,3,4,6,7,8-H_6CDF	2.7	<6	—
1,2,3,4,6,7,8-H_7CDF	6.3	5.9	—
1,2,3,4,7,8,9-H_7CDF	<2	<5	—
O_8CDF	<4	<7	—
TOT fg/m^3	40	76	—
TOT fgTE(I)/m^3	4.8	6.5	—
TOT fgTE(WHO)/m^3	5.5	8.4	—

MARGHERA

Volume campionato m^3 736.1

PCDD + PCDF	CONCENTRAZIONE (*fg/m^3*)		
	Puf	*Filtro*	*Puf+Filtro*
2,3,7,8-T_4CDD	<1	<2	—
1,2,3,7,8-P_5CDD	<2	<7	—
1,2,3,4,7,8-H_6CDD	<3	<4	—
1,2,3,6,7,8-H_6CDD	<2	<4	—
1,2,3,7,8,9-H_6CDD	<2	<4	—
1,2,3,4,6,7,8-H_7CDD	1.5	9.6	—
O_8CDD	<5	29	—
2,3,7,8-T_4CDF	13	<1	—
1,2,3,7,8-P_5CDF	2.3	<4	—
2,3,4,7,8-P_5CDF	3.6	<4	—
1,2,3,4,7,8-H_6CDF	3.9	<5	—
1,2,3,6,7,8-H_6CDF	2.0	<4	—
1,2,3,7,8,9-H_6CDF	<2	<5	—
2,3,4,6,7,8-H_6CDF	2.5	<5	—
1,2,3,4,6,7,8-H_7CDF	4.0	8.7	—
1,2,3,4,7,8,9-H_7CDF	<2	<6	—
O_8CDF	<3	15	—
TOT fg/m^3	43	89	—
TOT fgTE(I)/m^3	5.6	5.4	—
TOT fgTE(WHO)/m^3	6.1	7.1	—

FARO II

Volume campionato m^3 206.7

PCDD + PCDF	CONCENTRAZIONE (*fg/m^3*)		
	Puf	*Filtro*	*Puf+Filtro*
2,3,7,8-T_4CDD	<2	<6	<5
1,2,3,7,8-P_5CDD	<3	<13	<6
1,2,3,4,7,8-H_6CDD	<2	<8	<5
1,2,3,6,7,8-H_6CDD	3.1	<7	<4
1,2,3,7,8,9-H_6CDD	<1	<8	<4
1,2,3,4,6,7,8-H_7CDD	13	16	42
O_8CDD	28	47	110
2,3,7,8-T_4CDF	7.0	<5	9.8
1,2,3,7,8-P_5CDF	3.7	<10	<3
2,3,4,7,8-P_5CDF	5.2	<10	4.0
1,2,3,4,7,8-H_6CDF	8.5	<7	7.5
1,2,3,6,7,8-H_6CDF	5.4	<6	7.7
1,2,3,7,8,9-H_6CDF	<2	<8	<5
2,3,4,6,7,8-H_6CDF	6.7	<7	8.1
1,2,3,4,6,7,8-H_7CDF	16	14	33
1,2,3,4,7,8,9-H_7CDF	<1	<10	<5
O_8CDF	6.2	<14	36
TOT fg/m^3	110	140	280
TOT fgTE(I)/m^3	8.1	12	11
TOT fgTE(WHO)/m^3	8.8	16	13

TEOLO II

Volume campionato m^3 312.9

PCDD + PCDF	CONCENTRAZIONE (*fg/m^3*)		
	Puf	*Filtro*	*Puf+Filtro*
2,3,7,8-T_4CDD	<1	<4	<5
1,2,3,7,8-P_5CDD	<3	<11	<4
1,2,3,4,7,8-H_6CDD	<3	<7	<3
1,2,3,6,7,8-H_6CDD	<3	<6	<2
1,2,3,7,8,9-H_6CDD	<3	<7	<2
1,2,3,4,6,7,8-H_7CDD	12	7.1	31
O_8CDD	29	30	96
2,3,7,8-T_4CDF	8.6	<3	9.5
1,2,3,7,8-P_5CDF	2.4	<10	3.6
2,3,4,7,8-P_5CDF	4.8	<9	6.0
1,2,3,4,7,8-H_6CDF	5.0	<8	10
1,2,3,6,7,8-H_6CDF	3.1	<7	8.2
1,2,3,7,8,9-H_6CDF	<3	<9	<6
2,3,4,6,7,8-H_6CDF	4.3	<8	9.8
1,2,3,4,6,7,8-H_7CDF	12	9.5	27
1,2,3,4,7,8,9-H_7CDF	<2	<8	<4
O_8CDF	7.8	9.7	23
TOT fg/m^3	98	110	240
TOT fgTE(I)/m^3	6.9	11	12
TOT fgTE(WHO)/m^3	7.7	13	13

CAMPALTO

Volume campionato m ^{3} 306.5

PCDD + PCDF	CONCENTRAZIONE (*fg/m ^{3}*)		
	Puf	*Filtro*	*Puf+Filtro*
2,3,7,8-T_4CDD	<4	<5	<3
1,2,3,7,8-P_5CDD	<6	<11	<2
1,2,3,4,7,8-H_6CDD	<5	<8	<3
1,2,3,6,7,8-H_6CDD	<5	<6	3.8
1,2,3,7,8,9-H_6CDD	<5	<7	3.8
1,2,3,4,6,7,8-H_7CDD	2.8	36	47
O_8CDD	8.6	87	110
2,3,7,8-T_4CDF	9.2	<3	9.2
1,2,3,7,8-P_5CDF	<2	<11	3.4
2,3,4,7,8-P_5CDF	4.4	<10	6.8
1,2,3,4,7,8-H_6CDF	7.0	<8	12
1,2,3,6,7,8-H_6CDF	4.1	<7	6.6
1,2,3,7,8,9-H_6CDF	<6	<9	<2
2,3,4,6,7,8-H_6CDF	6.0	<8	16
1,2,3,4,6,7,8-H_7CDF	16	29	46
1,2,3,4,7,8,9-H_7CDF	<3	<9	7.9
O_8CDF	<7	31	38
TOT fg/m^3	79	230	320
TOT fgTE(I)/m^3	9.4	12	12
TOT fgTE(WHO)/m^3	11	15	12

campione	FARO						TEOLO						CAMPALTO					
m^3 campionati	207						313						307					
matrice	PUF		FILTRO		P + F		PUF		FILTRO		P + F		PUF		FILTRO		P + F	
		f		f		f		f		f		f		f		f		f
Tot fg/m^3	108	95%	139	56%	278	93%	98.3	90%	106	53%	237	94%	79.2	73%	235	78%	319	98%
Tot fgI-TE/m^3	8.10	76%	12.4	3%	11.4	54%	6.88	71%	10.5	2%	11.8	65%	9.45	53%	12.0	6%	12.0	82%
Tot fgWHO-TE/m^3	8.81	70%	15.7	2%	12.8	47%	7.69	63%	13.1	1%	12.8	59%	10.9	46%	14.7	5%	12.5	78%