

Instrument :
BNA_G
ClientSampleId :
SSTD010429

Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :Yogesh Patel 12/16/2021

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Quantitation Report (Qedit)

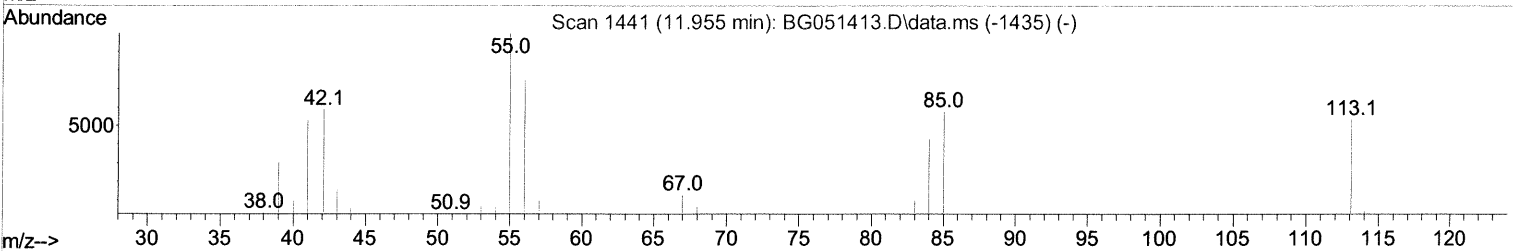
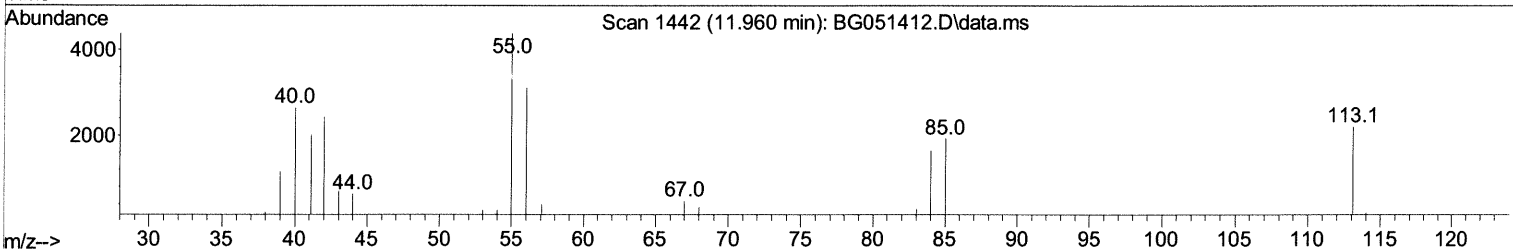
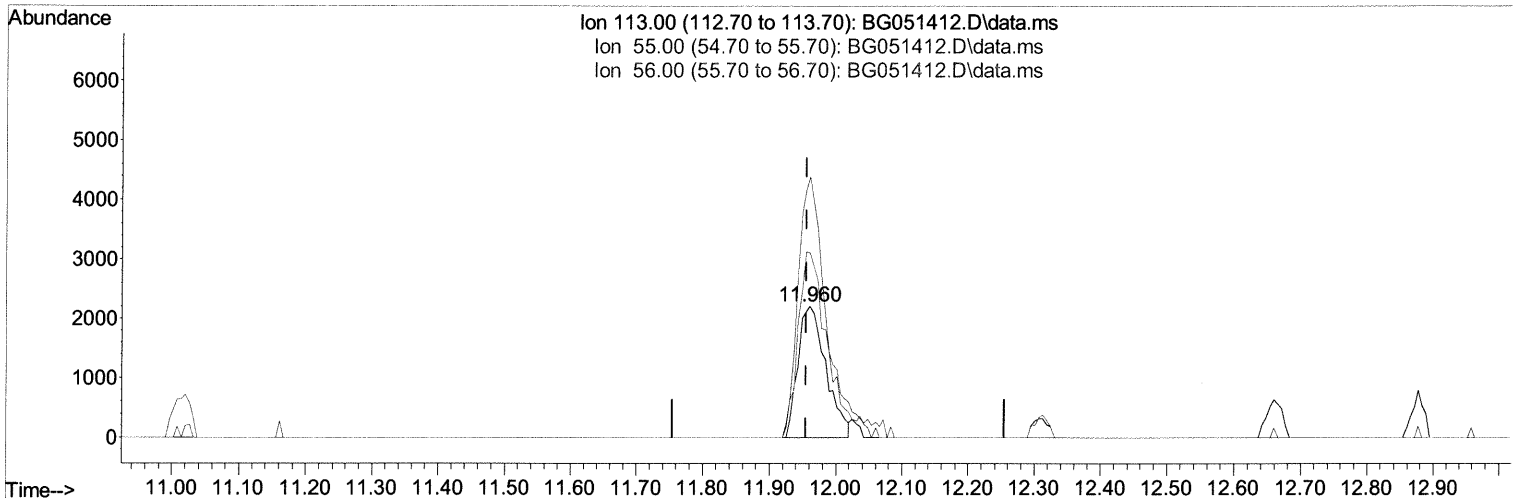
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120821\
 Data File : BG051412.D
 Acq On : 8 Dec 2021 18:23
 Operator : CG/JU
 Sample : SST010429
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Quant Time: Dec 09 02:29:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 02:14:28 2021
 Response via : Initial Calibration

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TIC: BG051412.D\data.ms

(34) Caprolactam

11.960min (+ 0.005) 9.82 ng/ul

response 6458

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	198.32
56.00	136.50	140.63
0.00	0.00	0.00

Quantitation Report (Qedit)

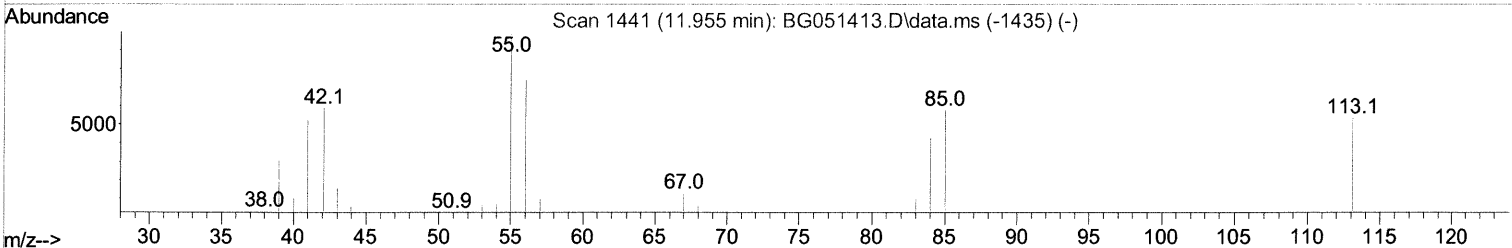
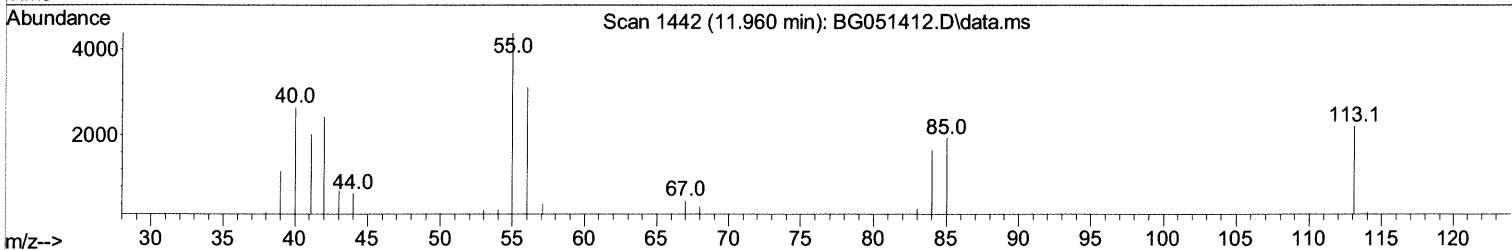
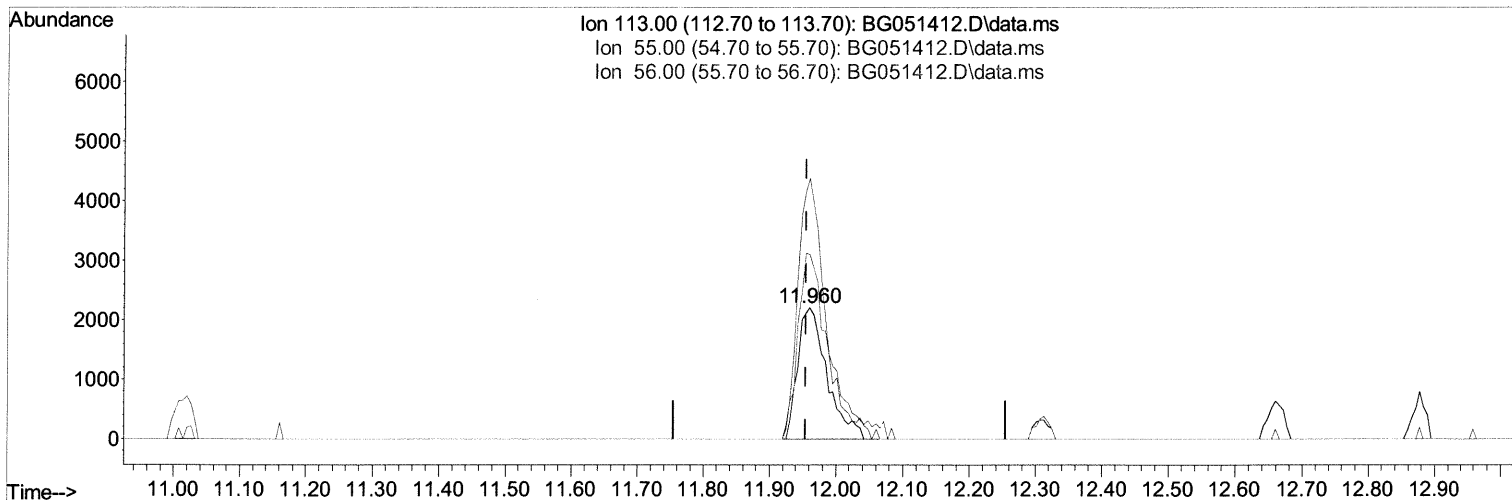
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(34) Caprolactam

11.960min (+ 0.005) 10.21 ng/ul m 12/16/21 JU

response 6709

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	198.32
56.00	136.50	140.63
0.00	0.00	0.00

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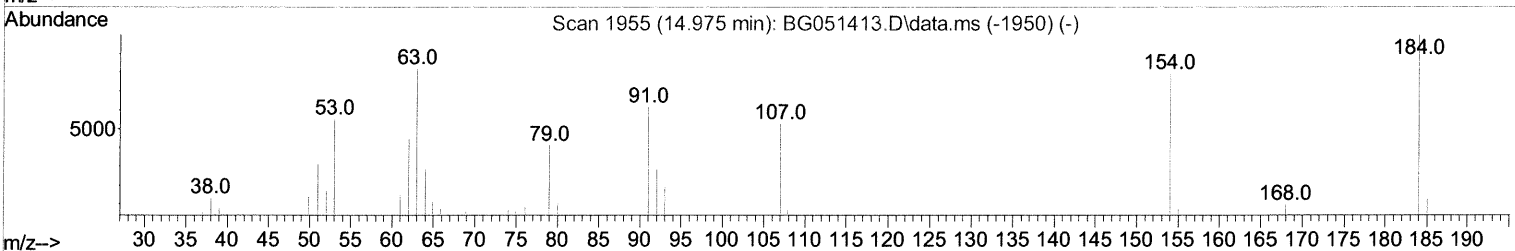
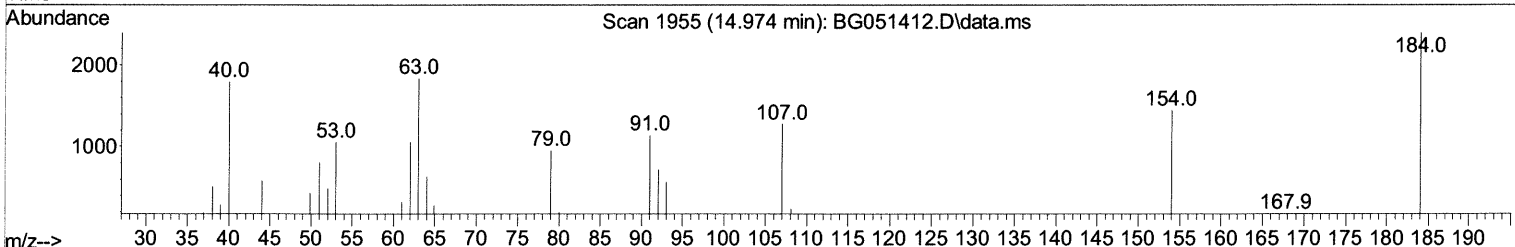
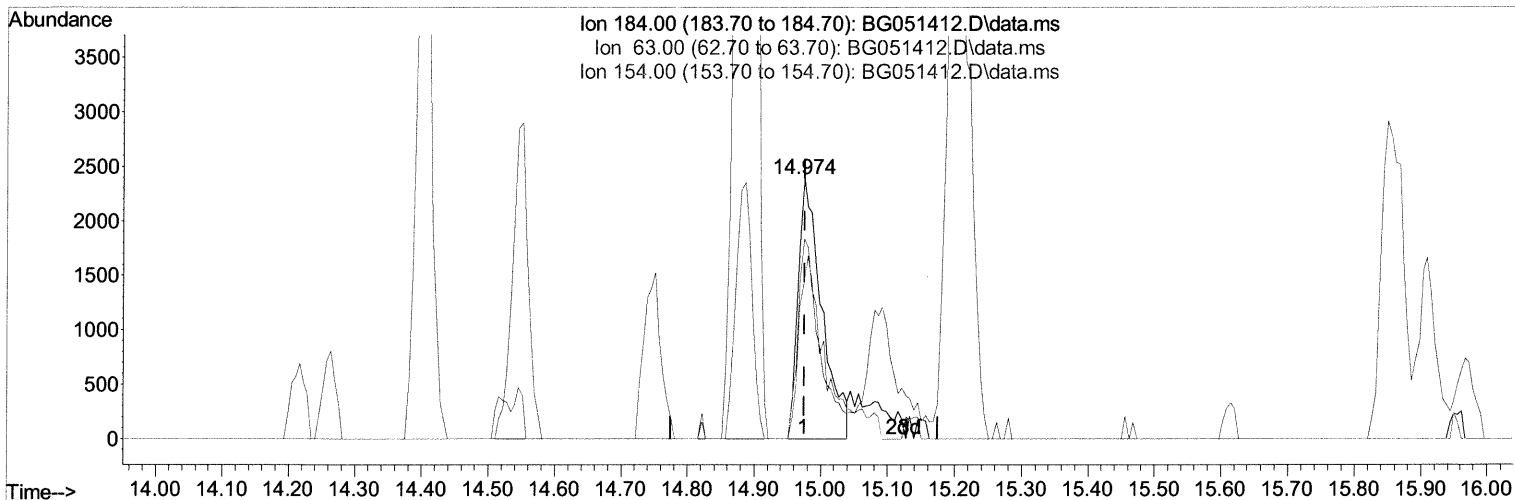
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(53) 2,4-Dinitrophenol

14.974min (-0.001) 9.04 ng/ul

response 5917

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	76.82
154.00	67.00	60.59
0.00	0.00	0.00

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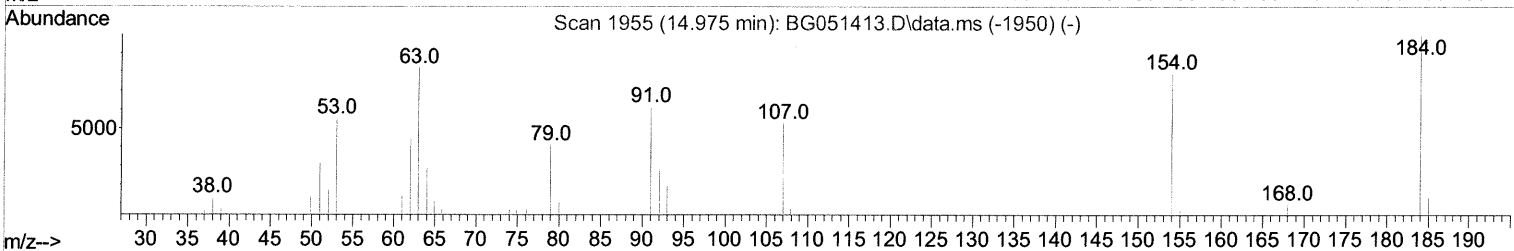
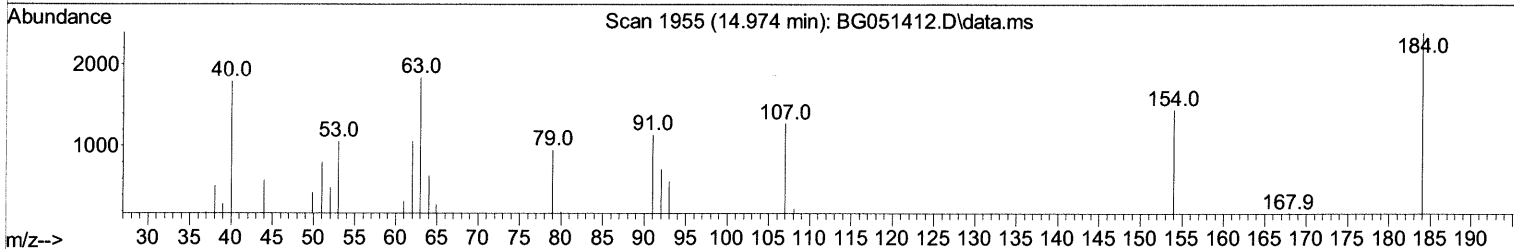
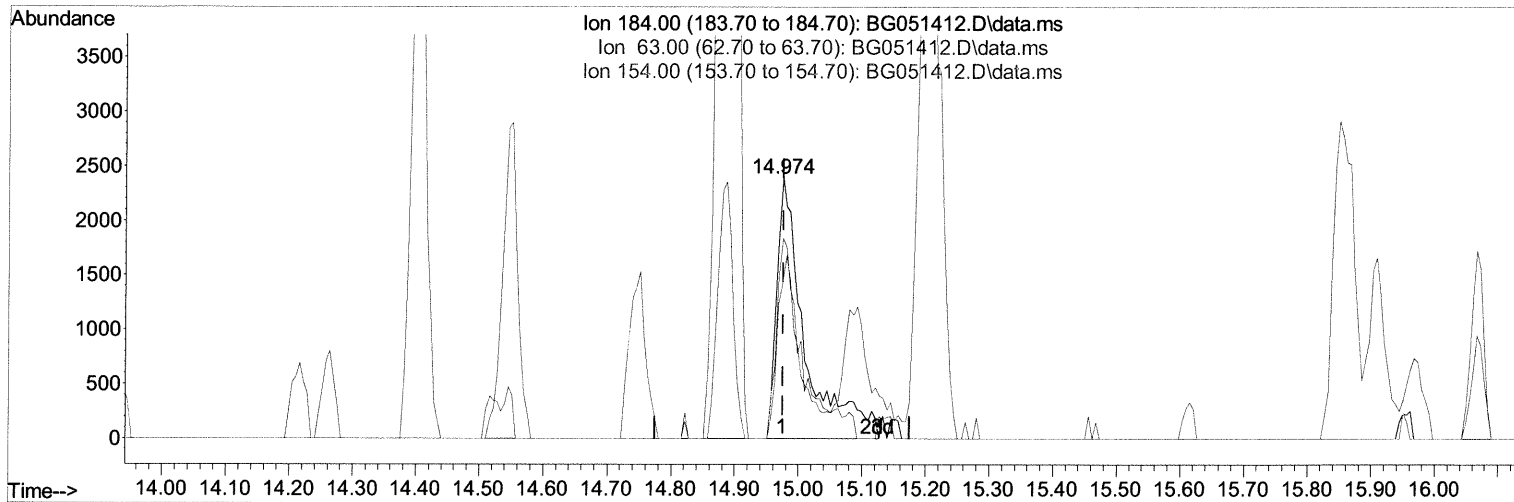
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TIC: BG051412.D\data.ms

(53) 2,4-Dinitrophenol

14.974min (-0.001) 11.22 ng/ul m 12/16/21 JU

response 7340

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	76.82
154.00	67.00	60.59
0.00	0.00	0.00

Quantitation Report (Qedit)

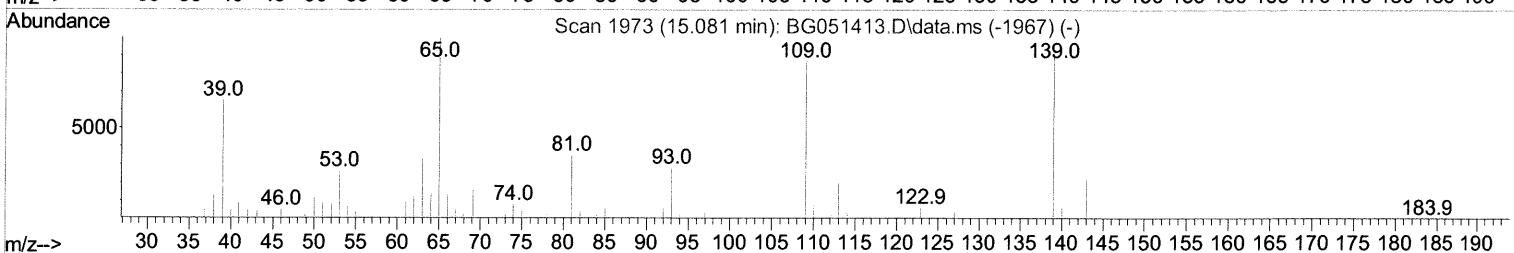
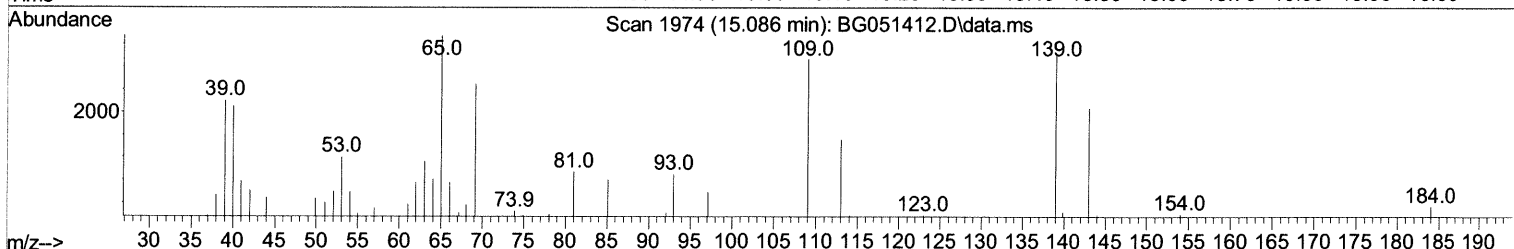
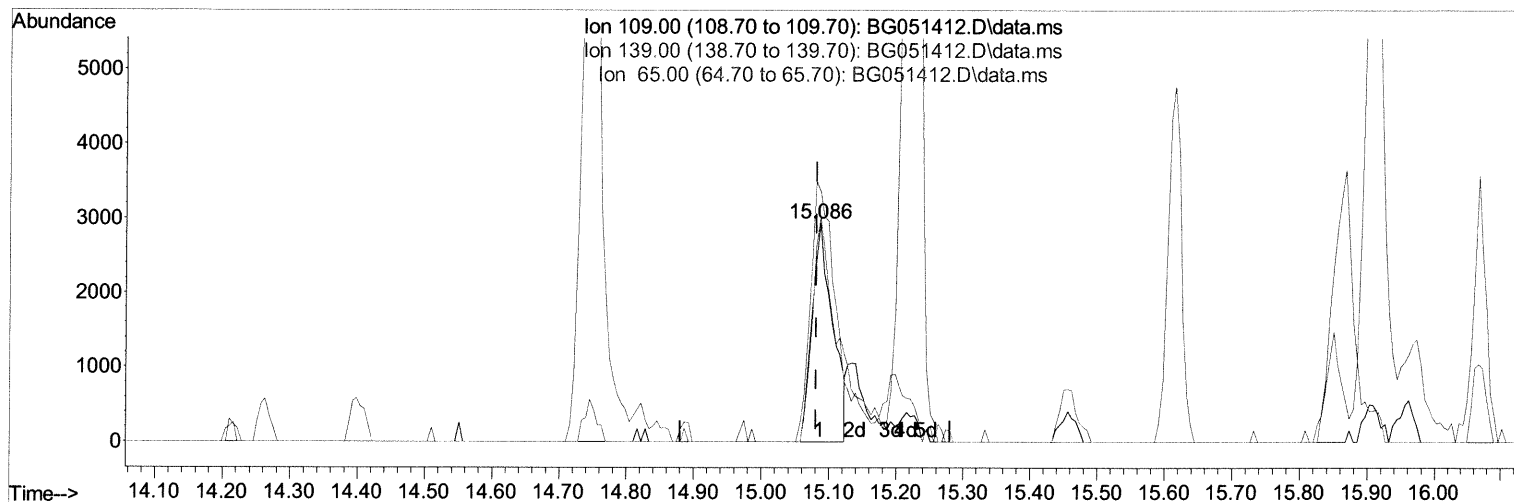
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(55) 4-Nitrophenol

15.086min (+ 0.005) 7.94 ng/u1

response 6203

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	102.83
65.00	142.00	114.13
0.00	0.00	0.00

Quantitation Report (Qedit)

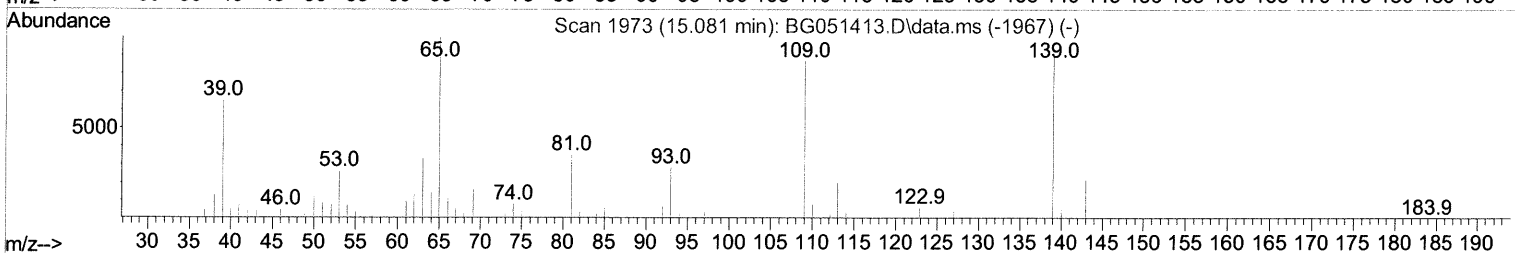
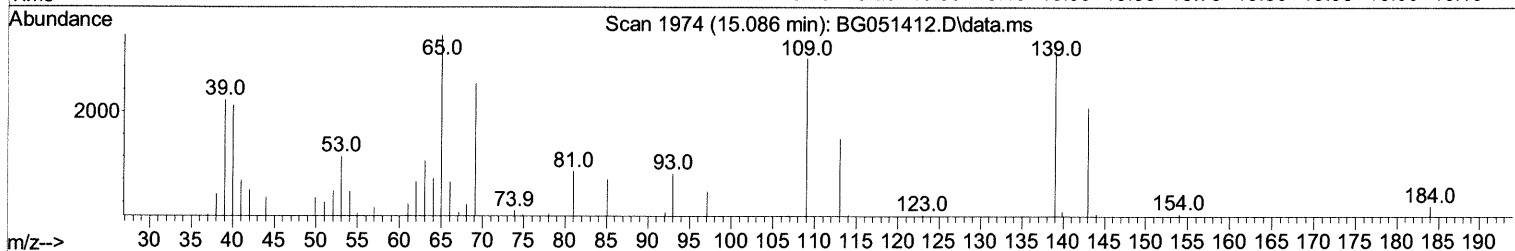
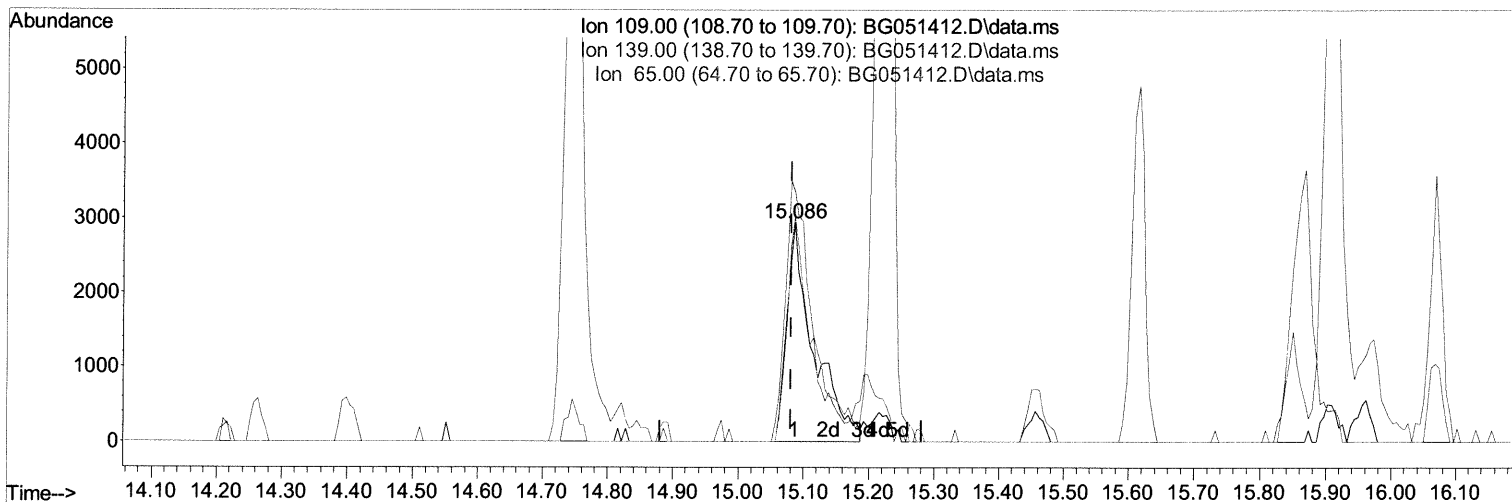
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Sample : SST01029
Misc :
ALS Vial : 4 Sample Multiplier: 1

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TIC: BG051412.D\data.ms

(55) 4-Nitrophenol

15.086min (+ 0.005) 10.71 ng/ul m 12/11/21 JU

response 8374

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	102.83
65.00	142.00	114.13
0.00	0.00	0.00

Quantitation Report (Qedit)

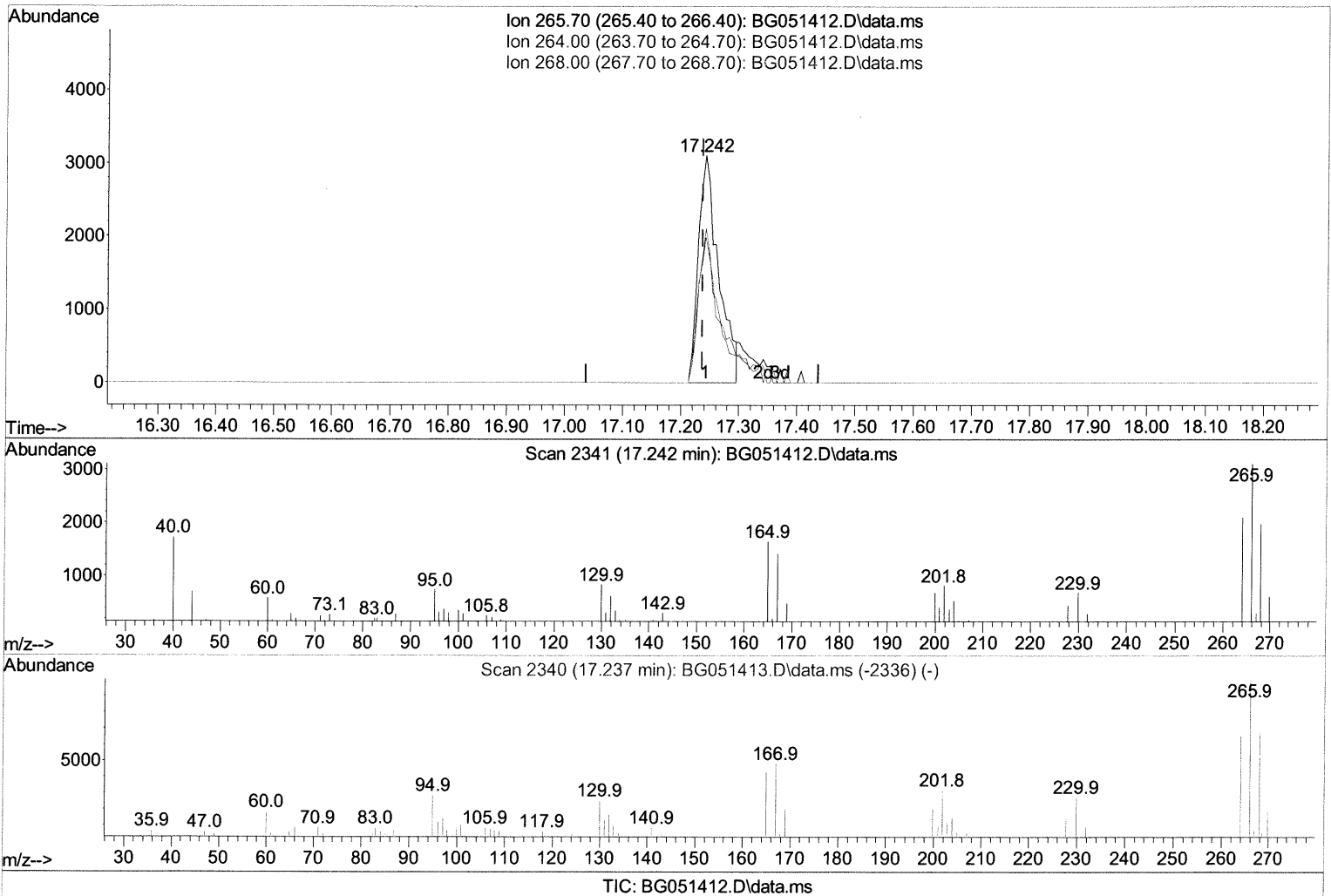
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(71) Pentachlorophenol (C)

17.242min (+ 0.005) 7.88 ng/u1

response 7482

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	67.76
268.00	63.80	63.93
0.00	0.00	0.00

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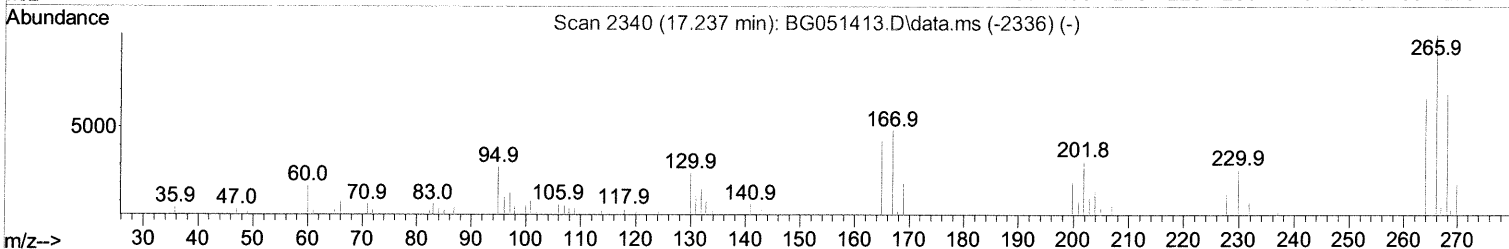
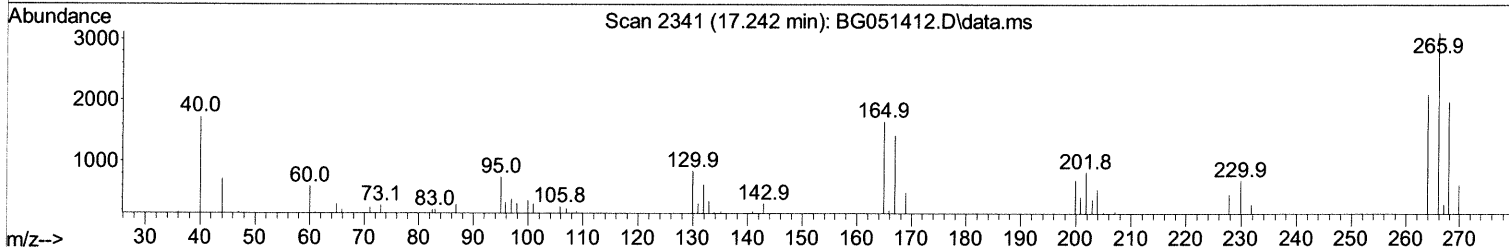
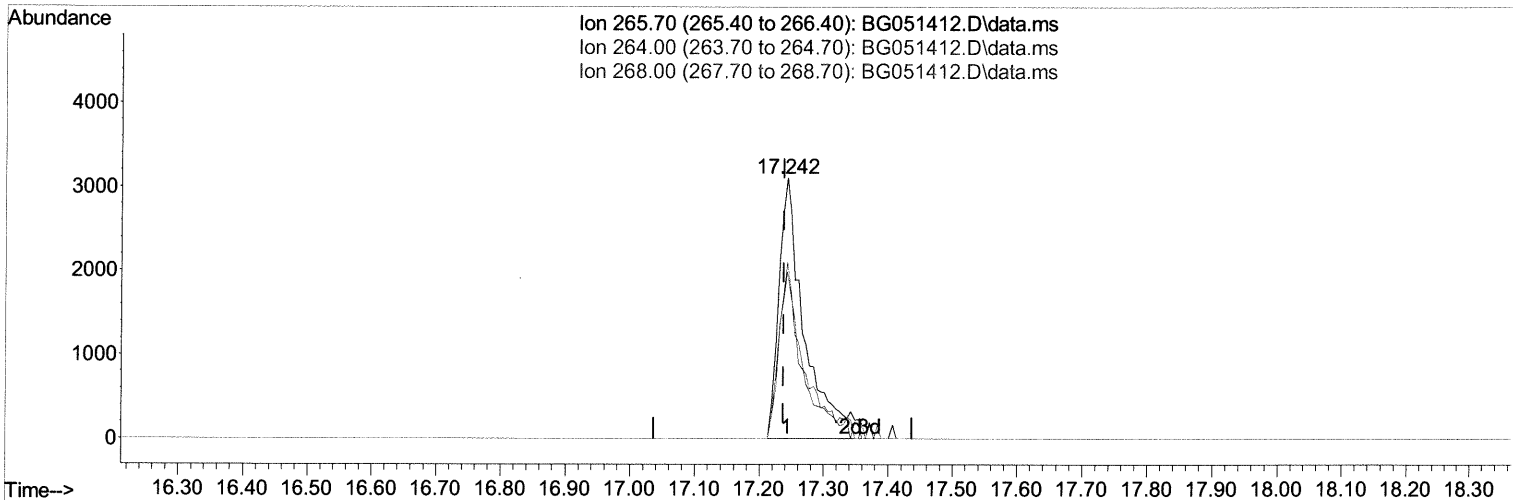
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TIC: BG051412.D\data.ms

(71) Pentachlorophenol (C)

17.242min (+ 0.005) 9.18 ng/ul m 12/11/21 JU

response 8710

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	67.76
268.00	63.80	63.93
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.188	152	23339	20.00	ng/ul	0.00
20) Naphthalene-d8	11.014	136	105134	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.821	164	72349	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.571	188	195949	20.00	ng/ul	0.00
79) Chrysene-d12	21.872	240	203026	20.00	ng/ul	0.00
88) Perylene-d12	25.274	264	195762	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	2726	4.06	ng/uL	0.00
4) Pyridine-d5	3.970	84	18974	9.63	ng/ul	0.00
7) Phenol-d5	7.360	99	22545	9.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	14752	10.18	ng/ul	0.00
11) 2-Chlorophenol-d4	7.724	132	16631	10.01	ng/ul	0.00
15) 4-Methylphenol-d8	8.911	113	17839	9.58	ng/ul	0.00
21) Nitrobenzene-d5	9.369	128	8788	9.90	ng/ul	0.00
24) 2-Nitrophenol-d4	10.092	143	9959	9.95	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	16130	9.50	ng/ul	0.00
31) 4-Chloroaniline-d4	11.161	131	23297	9.37	ng/ul	0.00
46) Dimethylphthalate-d6	14.216	166	55977	10.06	ng/ul	0.00
49) Acenaphthylene-d8	14.522	160	69896	9.96	ng/ul	0.00
54) 4-Nitrophenol-d4	15.074	143	6634	7.36	ng/ul	0.01
60) Fluorene-d10	15.809	176	49603	9.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.955	200	8620	7.13	ng/ul	0.00
73) Anthracene-d10	17.671	188	81552	8.70	ng/ul	0.00
81) Pyrene-d10	19.951	212	96627	7.87	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.039	264	77720	7.43	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.570	88	3136	4.14	ng/uL#	84
5) Pyridine	3.987	79	20284	9.89	ng/ul	97
6) Benzaldehyde	7.324	77	24329	16.56	ng/ul	96
8) Phenol	7.389	94	23131	9.68	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.601	93	18432	10.20	ng/ul	97
12) 2-Chlorophenol	7.753	128	17623	10.41	ng/ul	99
13) 2-Methylphenol	8.640	108	17026	9.57	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.705	45	28222	10.82	ng/ul	98
16) Acetophenone	9.022	105	29063	10.09	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.993	70	17601	10.64	ng/ul	98
18) 4-Methylphenol	8.975	108	18782	9.87	ng/ul	100
19) Hexachloroethane	9.269	117	7334	10.26	ng/ul	95
22) Nitrobenzene	9.410	77	24363	10.47	ng/ul#	98
23) Isophorone	9.927	82	47594	10.53	ng/ul	96
25) 2-Nitrophenol	10.127	139	10050	9.69	ng/ul	91
26) 2,4-Dimethylphenol	10.180	107	21415	10.10	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.403	93	25147	10.08	ng/ul	96
29) 2,4-Dichlorophenol	10.679	162	16266	9.73	ng/ul	95
30) Naphthalene	11.067	128	58483	10.22	ng/ul	100
32) 4-Chloroaniline	11.185	127	24152	9.68	ng/ul	100
33) Hexachlorobutadiene	11.326	225	11183	9.70	ng/ul	94
34) Caprolactam	11.960	113	6709m	10.21	ng/ul >	12/11/21 JU
35) 4-Chloro-3-methylphenol	12.313	107	20407	10.16	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.659	142	38587	9.92	ng/ul	97
37) 1-Methylnaphthalene	12.877	142	39908	9.97	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.024	216	22034	9.70	ng/ul	98
40) Hexachlorocyclopentadiene	12.988	237	18215	19.84	ng/ul	99
41) 2,4,6-Trichlorophenol	13.270	196	13708	9.62	ng/ul	96
42) 2,4,5-Trichlorophenol	13.364	196	15499	10.38	ng/ul	94
43) 1,1'-Biphenyl	13.652	154	53408	9.88	ng/ul	99
44) 2-Chloronaphthalene	13.705	162	42356	9.85	ng/ul	98
45) 2-Nitroaniline	13.917	65	15471	10.40	ng/ul	92
47) Dimethylphthalate	14.263	163	56653	10.05	ng/ul	99
48) 2,6-Dinitrotoluene	14.404	165	11659	9.85	ng/ul	98
50) Acenaphthylene	14.545	152	71382	10.29	ng/ul	98
51) 3-Nitroaniline	14.745	138	11822	10.10	ng/ul	100
52) Acenaphthene	14.886	153	45996	10.06	ng/ul	99
53) 2,4-Dinitrophenol	14.974	184	7340m	11.22	ng/ul	
55) 4-Nitrophenol	15.086	109	8374m	10.71	ng/ul	
56) Dibenzofuran	15.221	168	65783	9.97	ng/ul	99
57) 2,4-Dinitrotoluene	15.198	165	17392	10.29	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.456	232	11218	9.57	ng/ul#	92
59) Diethylphthalate	15.615	149	61219	10.35	ng/ul	98
61) Fluorene	15.867	166	52748	9.98	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.850	204	28070	9.86	ng/ul	96
63) 4-Nitroaniline	15.908	138	11654	10.24	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.973	198	8442	7.24	ng/ul#	90
67) N-Nitrosodiphenylamine	16.067	169	46700	8.32	ng/ul	98
68) 4-Bromophenyl-phenylether	16.749	248	16834	8.02	ng/ul	94
69) Hexachlorobenzene	16.872	284	16970	7.92	ng/ul	97
70) Atrazine	17.013	200	20944	8.88	ng/ul	98
71) Pentachlorophenol	17.242	266	8710m	9.18	ng/ul	
72) Phenanthrene	17.618	178	91738	8.48	ng/ul	100
74) Anthracene	17.706	178	94687	8.81	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.629	216	22854	8.00	ng/ul	97
76) Pentachlorobenzene	15.139	250	20782	7.80	ng/ul	96
77) Carbazole	17.982	167	85387	9.05	ng/ul	100
78) Di-n-butylphthalate	18.500	149	113770	9.36	ng/ul	99
80) Fluoranthene	19.622	202	117438	7.78	ng/ul	97
82) Pyrene	19.980	202	117554	7.96	ng/ul	99
83) Butylbenzylphthalate	20.838	149	49895	8.13	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.760	252	32893	6.96	ng/ul	99
85) Benzo(a)anthracene	21.854	228	105798	7.68	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.708	149	70519	7.99	ng/ul	98
87) Chrysene	21.925	228	99818	7.55	ng/ul	97
89) Di-n-octyl phthalate	22.971	149	115389	8.14	ng/ul	100
90) Benzo(b)fluoranthene	24.187	252	102547	7.76	ng/ul	97
91) Benzo(k)fluoranthene	24.257	252	94230	7.60	ng/ul	99
93) Benzo(a)pyrene	25.109	252	95645	7.59	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.199	276	106507	7.55	ng/ul	96
95) Dibenzo(a,h)anthracene	29.246	278	89070	7.44	ng/ul	96
96) Benzo(g,h,i)perylene	30.438	276	88093	7.42	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed