

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
 Data File : BG021570.D
 Acq On : 30 Mar 2016 2:51
 Operator : UM/SJ
 Sample : H1910-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB3

Quant Time: Mar 30 04:50:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 30 01:34:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	10916	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	46753	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	29628	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	76190	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	89256	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	87640	20.00	ng/ul	0.00

System Monitoring Compounds

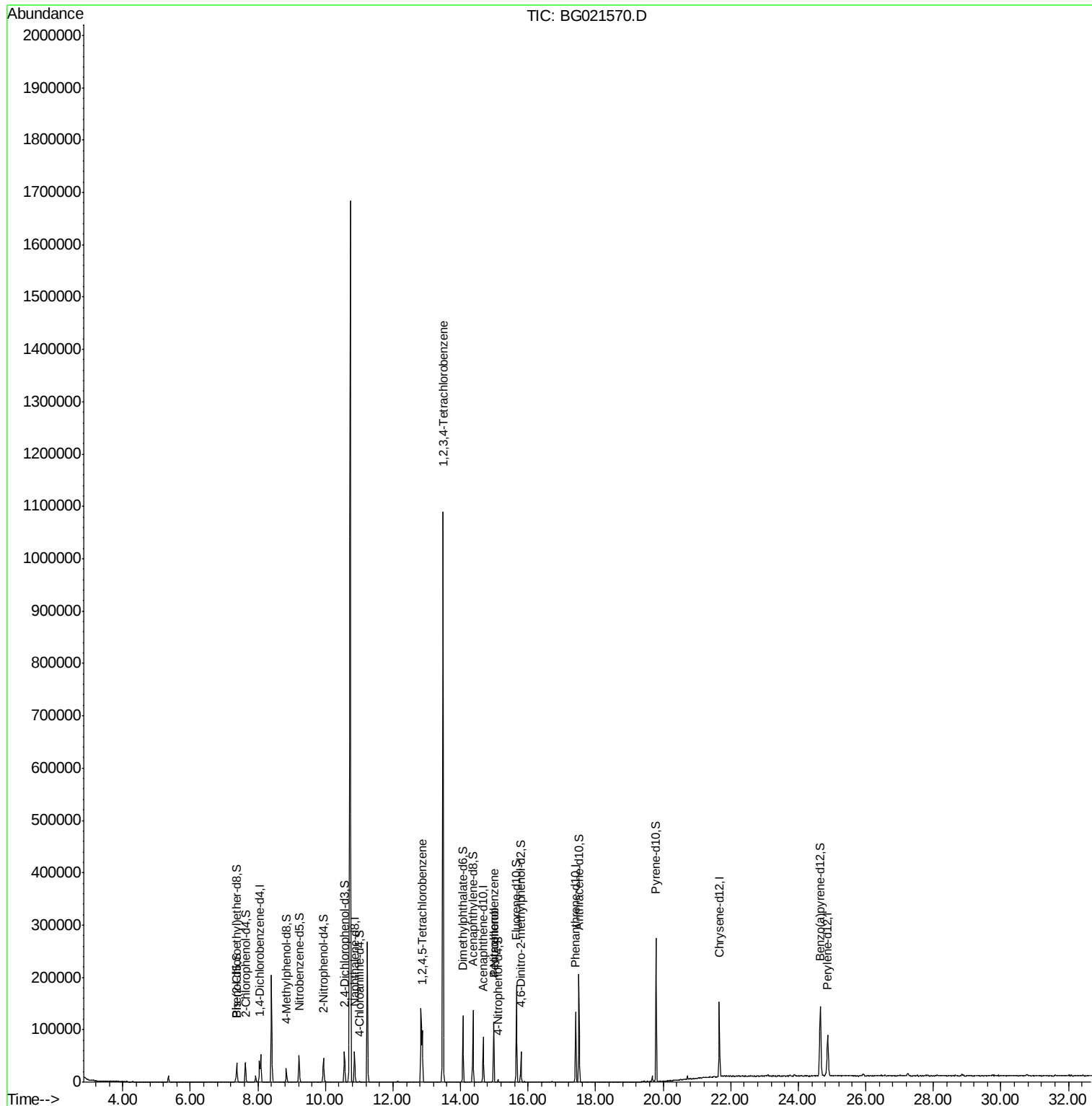
3) 1,4-Dioxane-d8	3.44	96	176	0.72	ng/uL	0.00
5) Phenol-d5	7.37	99	26112	25.30	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.37	67	17644	28.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	17874	22.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	10989	12.43	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	12273	34.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	12997	32.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	20955	29.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	1206	1.29	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	78631	31.87	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	95963	31.56	ng/ul	0.00
52) 4-Nitrophenol-d4	15.11	143	1516	3.84	ng/ul	0.01
58) Fluorene-d10	15.66	176	72204	32.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	13633	27.08	ng/ul	0.00
71) Anthracene-d10	17.51	188	120788	32.35	ng/ul	0.00
79) Pyrene-d10	19.79	212	145821	35.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	147152	36.38	ng/ul	0.00

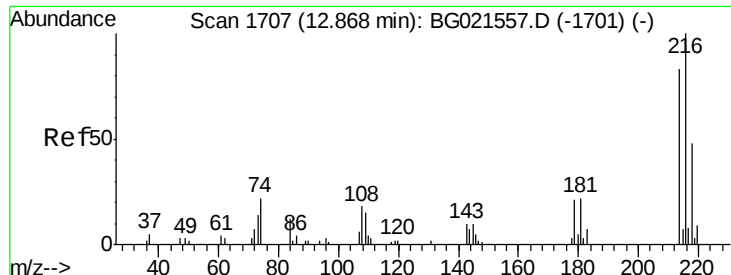
Target Compounds						Qvalue
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	24562	23.68	ng/ul	94
53) 4-Nitrophenol	14.98	109	1392	3.40	ng/ul#	1
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	344720	323.13	ng/uL	92
74) Pentachlorobenzene	14.98	250	28960	26.15	ng/uL	98

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

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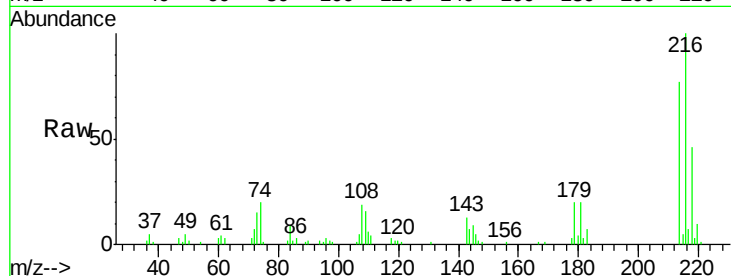




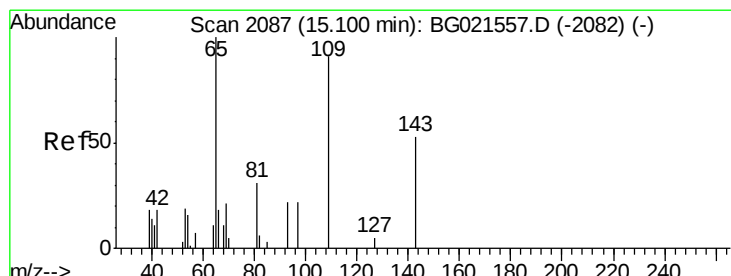
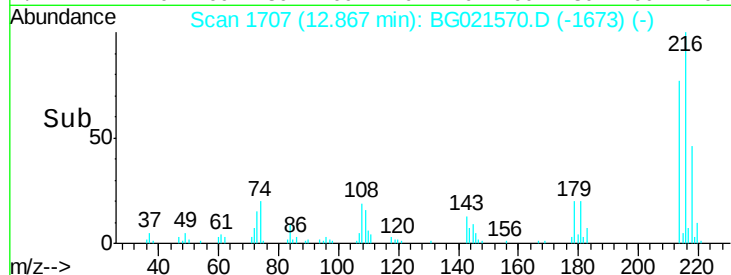
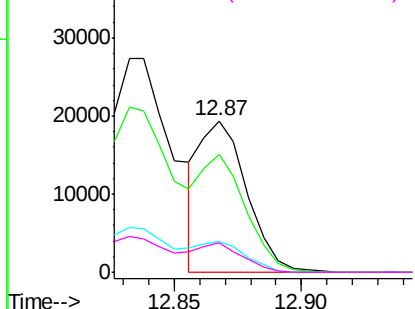
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.68 ng/ul
 RT: 12.87 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG021570.D
 Acq: 30 Mar 2016 2:51

Instrument :
 BNA_G
 ClientSampleId :
 C0AB3

Tgt Ion:	216	Resp:	24562
Ion	Ratio	Lower	Upper
216	100		
214	77.5	57.8	86.8
179	20.5	19.5	29.3
108	19.2	15.8	23.8

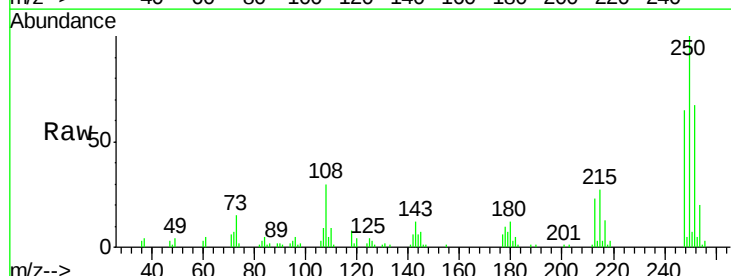


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

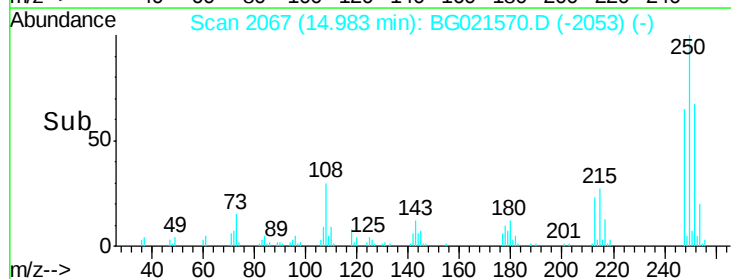
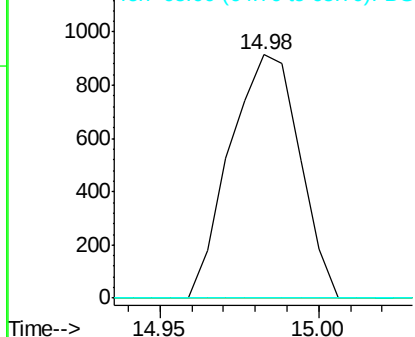


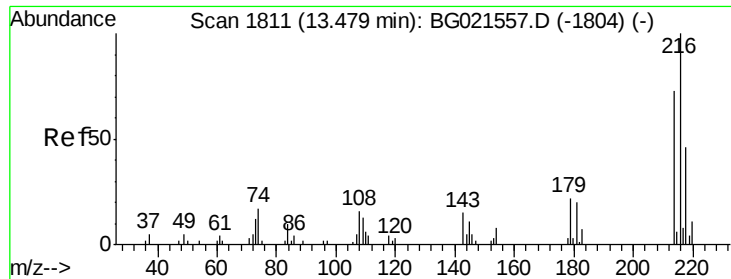
#53
 4-Nitrophenol
 Concen: 3.40 ng/ul
 RT: 14.98 min Scan# 2067
 Delta R.T. -0.12 min
 Lab File: BG021570.D
 Acq: 30 Mar 2016 2:51

Tgt Ion:	109	Resp:	1392
Ion	Ratio	Lower	Upper
109	100		
139	0.0	75.9	113.9#
65	0.0	99.8	149.8#



Abundance Ion 109.00 (108.70 to 109.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BGC

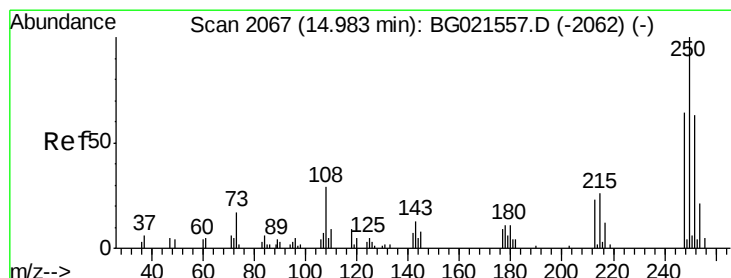
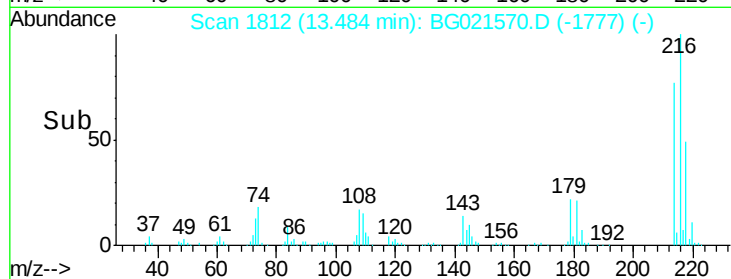
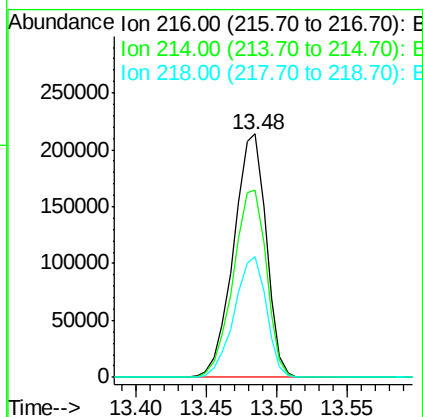
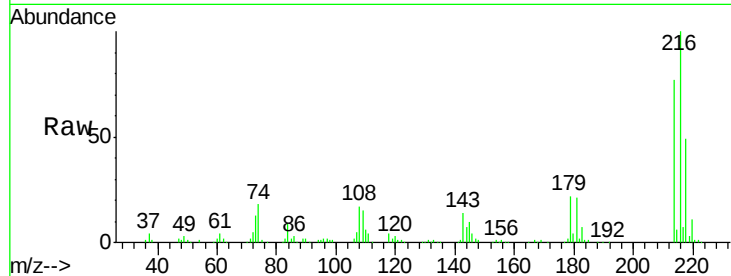




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 323.13 ng/uL
 RT: 13.48 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: BG021570.D
 Acq: 30 Mar 2016 2:51

Instrument :
 BNA_G
 ClientSampled :
 C0AB3

Tgt Ion:216 Resp: 344720
 Ion Ratio Lower Upper
 216 100
 214 77.0 69.2 103.8
 218 49.5 41.4 62.0



#74
 Pentachlorobenzene
 Concen: 26.15 ng/uL
 RT: 14.98 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BG021570.D
 Acq: 30 Mar 2016 2:51

Tgt Ion:250 Resp: 28960
 Ion Ratio Lower Upper
 250 100
 248 65.2 53.3 79.9
 252 66.4 51.1 76.7

