

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032717\
 Data File : BG026445.D
 Acq On : 27 Mar 2017 23:10
 Operator : SJ/MA
 Sample : I2358-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 01:24:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 28 01:23:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	174927	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	719255	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	420961	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	1017647	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1176005	20.00	ng/ul	0.00
85) Perylene-d12	24.81	264	1153393	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	448	0.12	ng/uL	0.00
5) Phenol-d5	7.21	99	18526	1.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	49017	6.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	61814	5.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	37680	3.63	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	35879	6.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	43122	7.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	67387	6.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	780	0.07	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	249480	7.65	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	295632	7.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	7000	1.10	ng/ul	0.03
57) Fluorene-d10	15.63	176	229736	7.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	38482	5.88	ng/ul	0.00
70) Anthracene-d10	17.48	188	367875	7.96	ng/ul	0.00
78) Pyrene-d10	19.75	212	431511	8.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	396795	8.01	ng/ul	0.00

Target Compounds

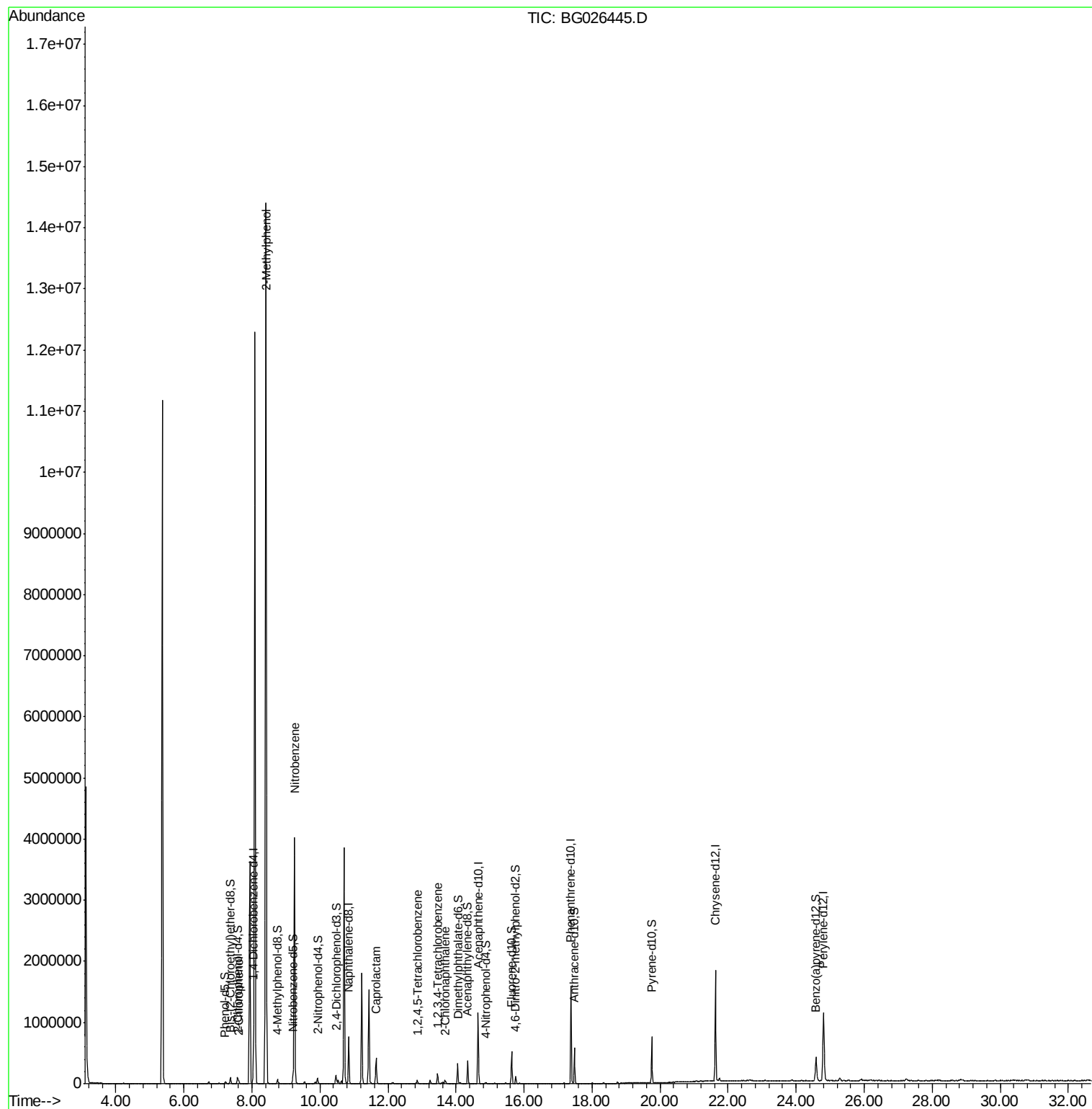
						Ovalue
10) 2-Chlorophenol	7.61	128	27969	2.50	ng/ul	98
11) 2-Methylphenol	8.41	108	67620	6.43	ng/ul	98
20) Nitrobenzene	9.25	77	2530316	247.77	ng/ul#	87
32) Caprolactam	11.65	113	35920	9.32	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	22266	1.68	ng/ul#	92
41) 2-Chloronaphthalene	13.68	162	26032	1.02	ng/ul#	36
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	59631	4.45	ng/uL	99

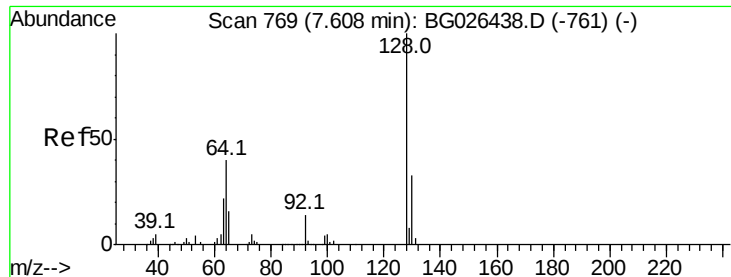
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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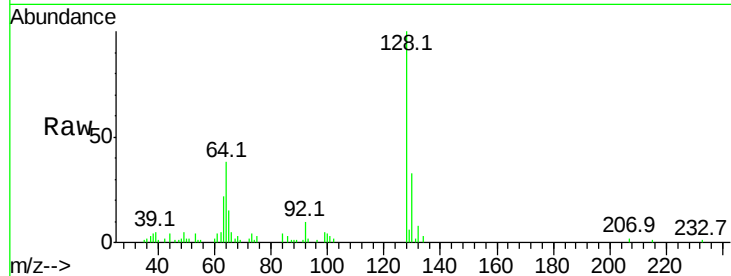




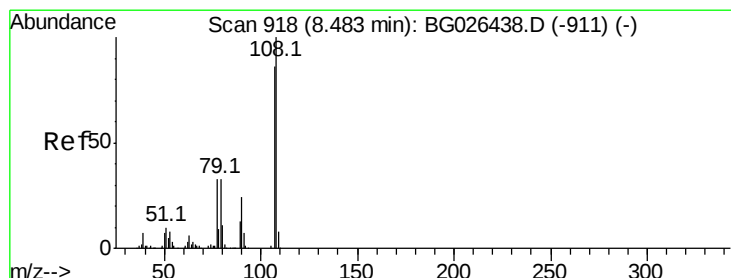
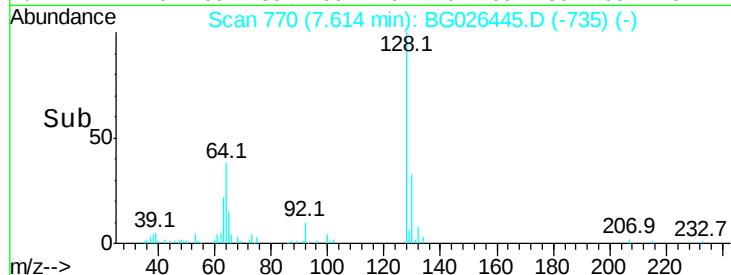
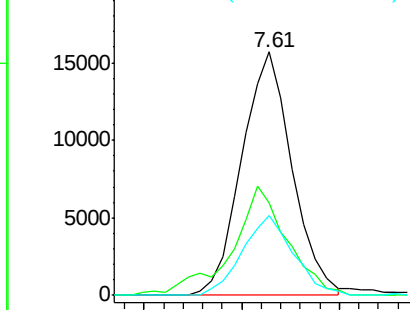
#10
2-Chlorophenol
Concen: 2.50 ng/ul
RT: 7.61 min Scan# 770
Delta R.T. 0.01 min
Lab File: BG026445.D
Acq: 27 Mar 2017 23:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 27969
Ion Ratio Lower Upper
128 100
64 38.0 31.9 47.9
130 32.9 25.6 38.4

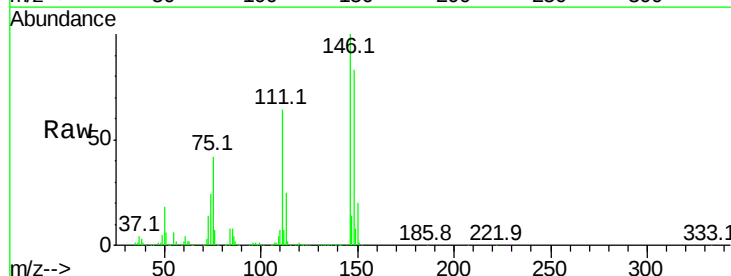


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGO
Ion 130.00 (129.70 to 130.70): E

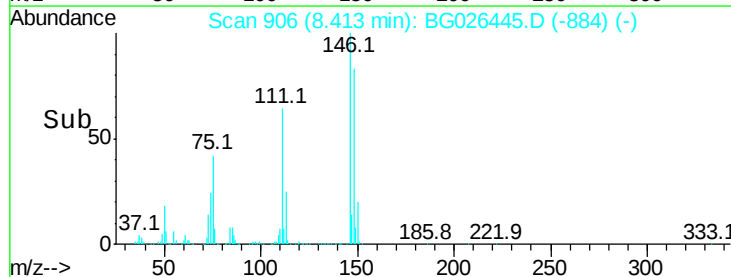
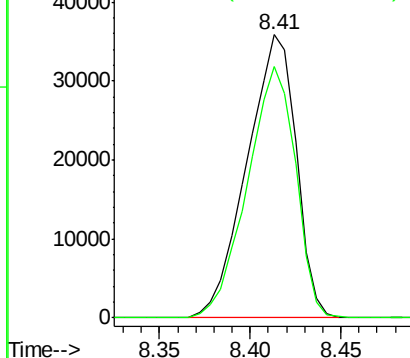


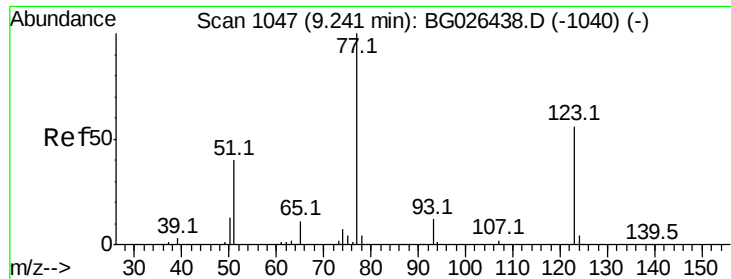
#11
2-Methylphenol
Concen: 6.43 ng/ul
RT: 8.41 min Scan# 906
Delta R.T. -0.07 min
Lab File: BG026445.D
Acq: 27 Mar 2017 23:10

Tgt Ion:108 Resp: 67620
Ion Ratio Lower Upper
108 100
107 88.9 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

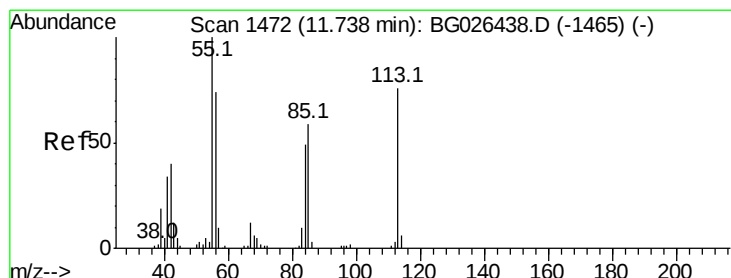
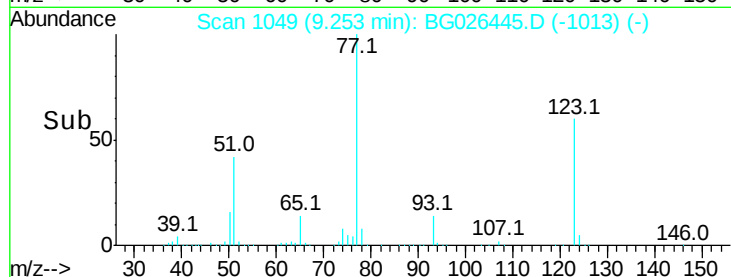
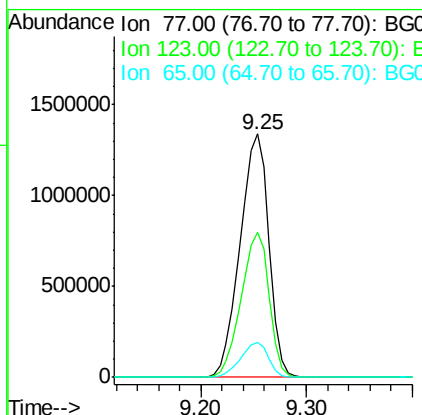
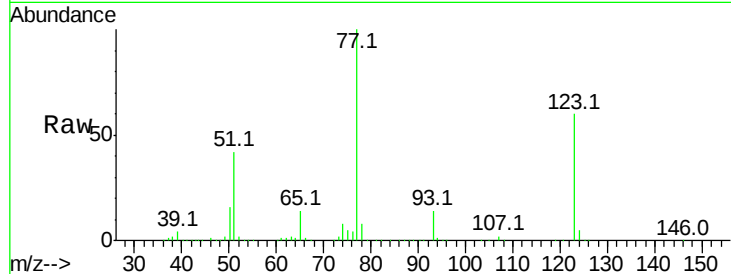




#20
 Nitrobenzene
 Concen: 247.77 ng/ul
 RT: 9.25 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: BG026445.D
 Acq: 27 Mar 2017 23:10

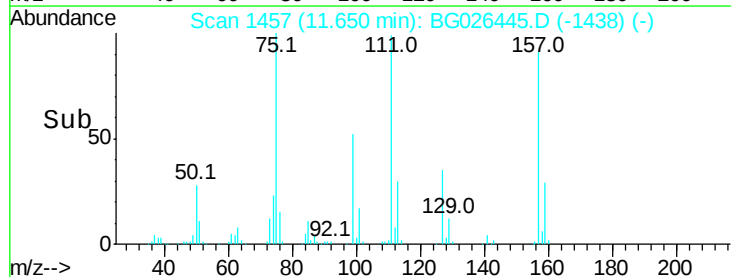
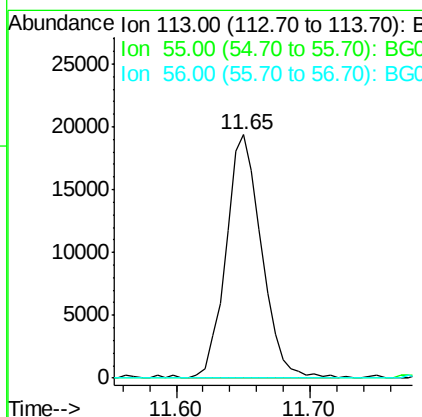
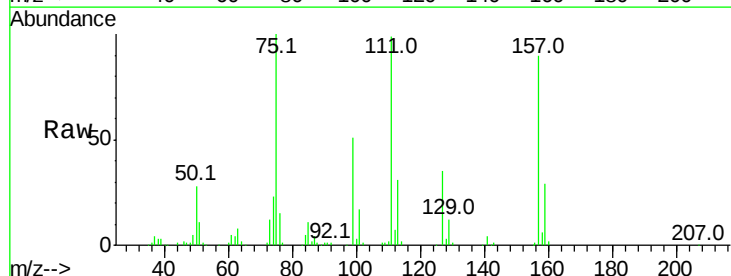
Instrument :
 BNA_G
 ClientSampleId :

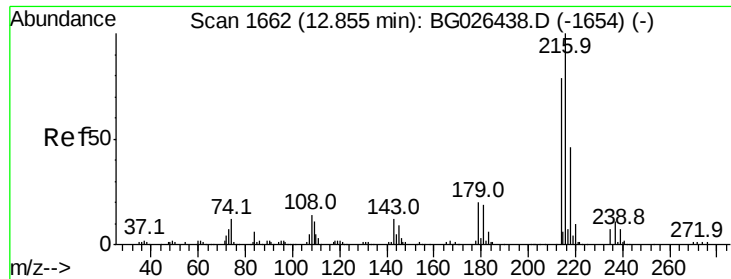
Tot Ion: 77 Resp: 2530316
 Ion Ratio Lower Upper
 77 100
 123 59.5 39.0 58.4#
 65 14.4 10.4 15.6



#32
 Caprolactam
 Concen: 9.32 ng/ul
 RT: 11.65 min Scan# 1457
 Delta R.T. -0.09 min
 Lab File: BG026445.D
 Acq: 27 Mar 2017 23:10

Tgt Ion: 113 Resp: 35920
 Ion Ratio Lower Upper
 113 100
 55 0.0 101.9 152.9#
 56 0.0 81.2 121.8#

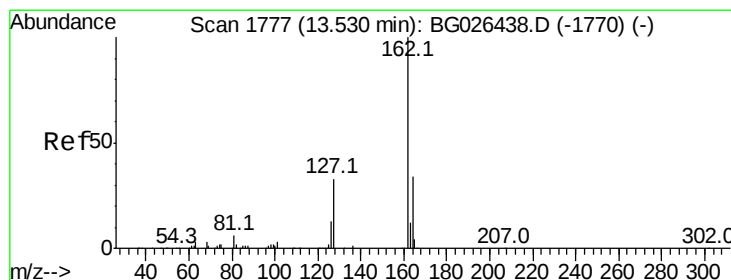
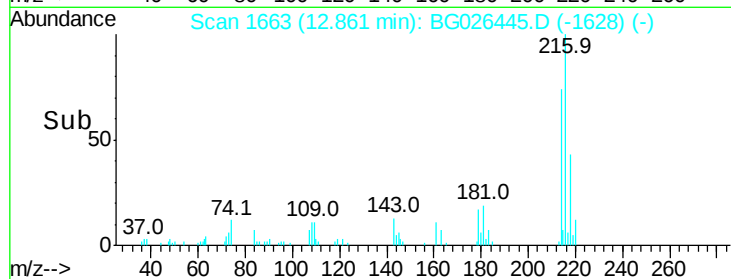
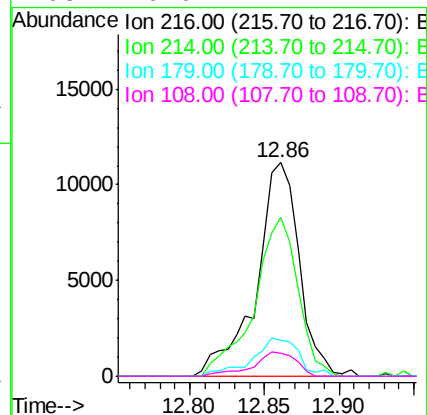
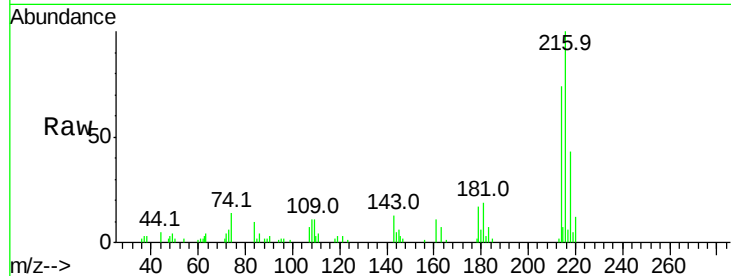




#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.68 ng/ul
 RT: 12.86 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BG026445.D
 Acq: 27 Mar 2017 23:10

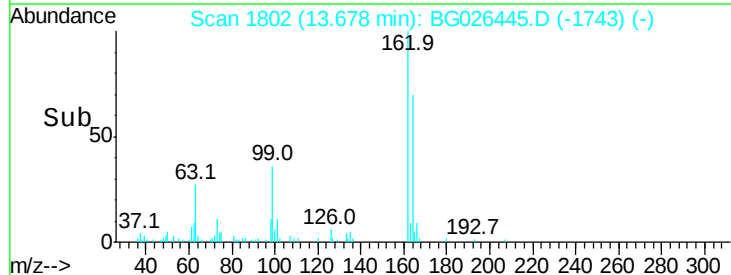
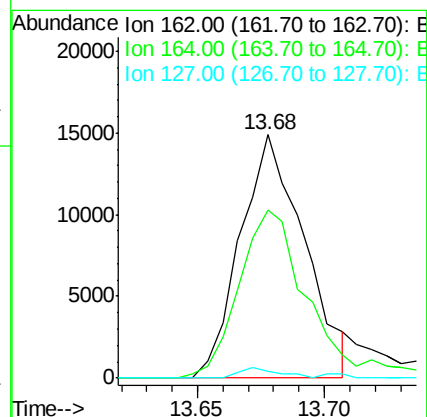
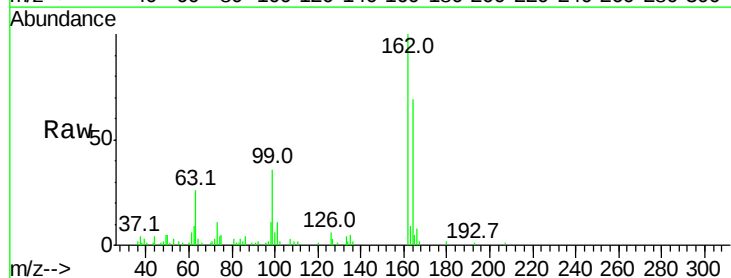
Instrument :
 BNA_G
 ClientSampleId :

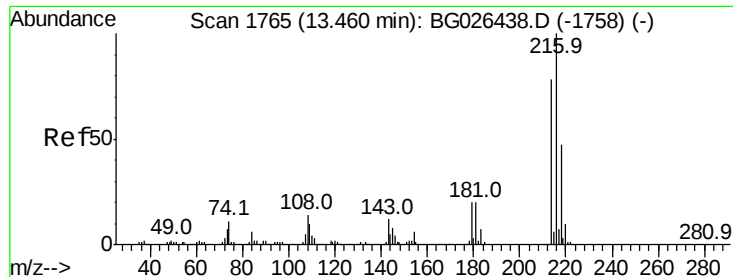
Tot Ion:	216	Resp:	22266
Ion	Ratio	Lower	Upper
216	100		
214	74.3	62.5	93.7
179	16.7	18.2	27.2#
108	10.9	14.2	21.2#



#41
 2-Chloronaphthalene
 Concen: 1.02 ng/ul
 RT: 13.68 min Scan# 1802
 Delta R.T. 0.15 min
 Lab File: BG026445.D
 Acq: 27 Mar 2017 23:10

Tgt Ion:	162	Resp:	26032
Ion	Ratio	Lower	Upper
162	100		
164	69.2	25.9	38.9#
127	3.0	34.1	51.1#





#72

1,2,3,4-Tetrachlorobenzene

Concen: 4.45 ng/uL

RT: 13.46 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BG026445.D

Acq: 27 Mar 2017 23:10

Instrument :

BNA_G

ClientSampleId :

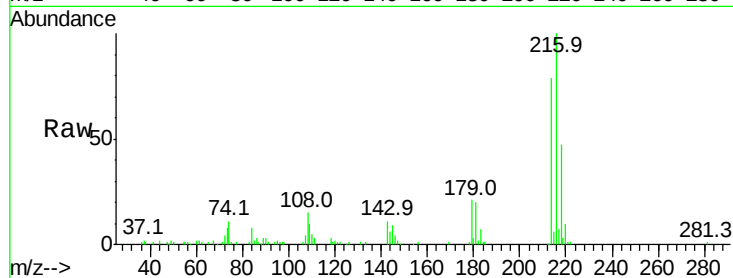
Tot Ion:216 Resp: 59631

Ion Ratio Lower Upper

216 100

214 78.8 62.5 93.7

218 46.7 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

