

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032717\
 Data File : BG026447.D
 Acq On : 28 Mar 2017 00:29
 Operator : SJ/MA
 Sample : I2358-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 01:24:58 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	176800	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	727762	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	428532	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	1009391	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1183993	20.00	ng/ul	0.00
85) Perylene-d12	24.81	264	1181840	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	1009	0.27	ng/uL	0.00
5) Phenol-d5	7.21	99	17026	1.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	51022	6.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	62415	5.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	34755	3.31	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	36277	6.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	42340	6.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	67847	6.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	1776	0.16	ng/ul	0.01
43) Dimethylphthalate-d6	14.05	166	244604	7.37	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	293298	7.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	1991	0.31	ng/ul	0.04
57) Fluorene-d10	15.63	176	227287	7.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	35039	5.40	ng/ul	0.00
70) Anthracene-d10	17.48	188	360434	7.86	ng/ul	0.00
78) Pyrene-d10	19.76	212	419477	7.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.58	264	392965	7.74	ng/ul	0.00

Target Compounds

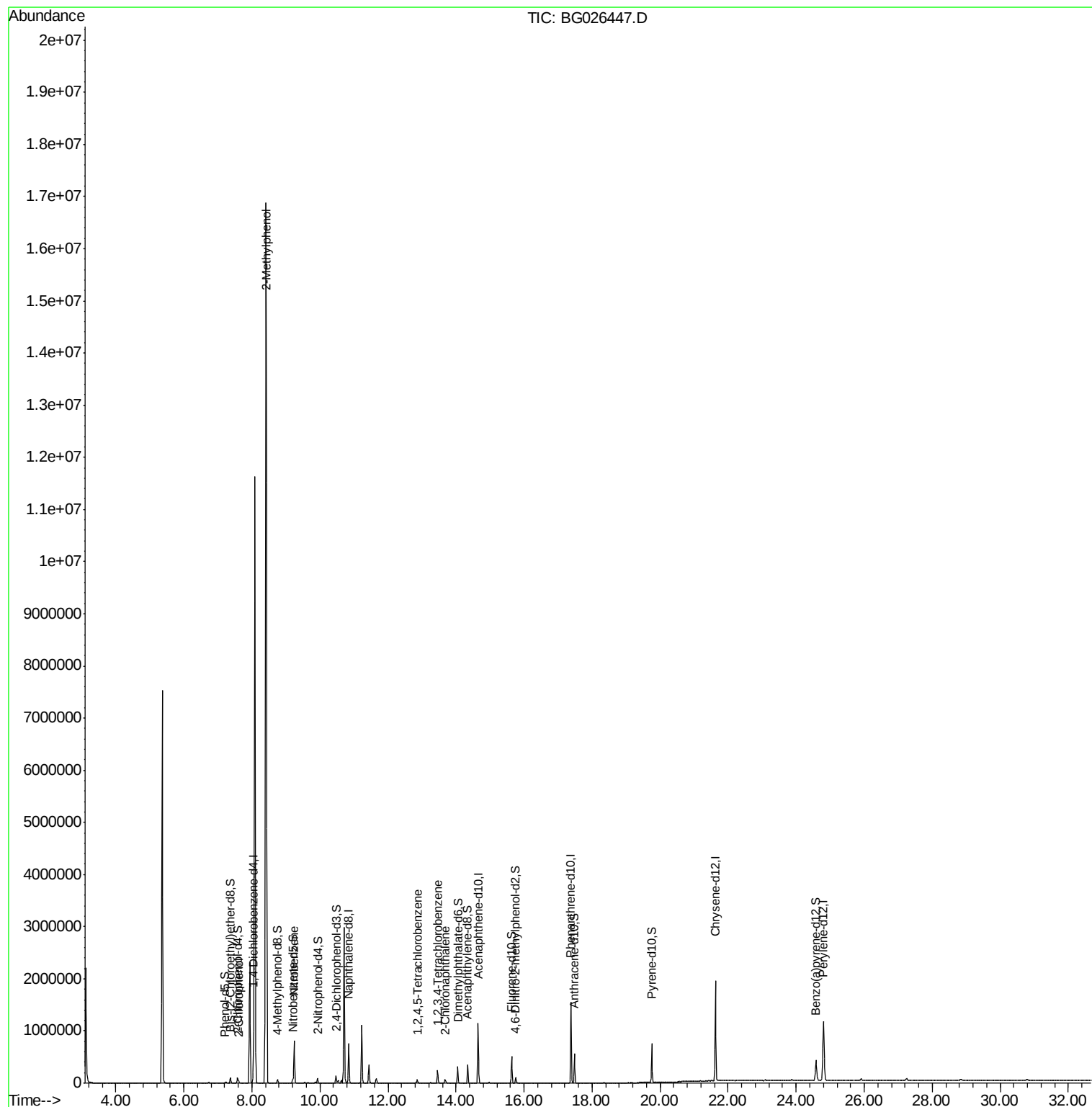
						Ovalue
10) 2-Chlorophenol	7.61	128	18732	1.66	ng/ul	94
11) 2-Methylphenol	8.42	108	89242	8.39	ng/ul	99
20) Nitrobenzene	9.24	77	515996	49.94	ng/ul	92
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	29582	2.19	ng/ul	94
41) 2-Chloronaphthalene	13.68	162	29865	1.15	ng/ul#	39
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	79766	6.00	ng/uL	98

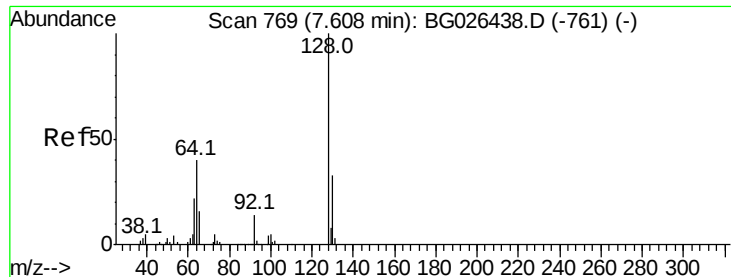
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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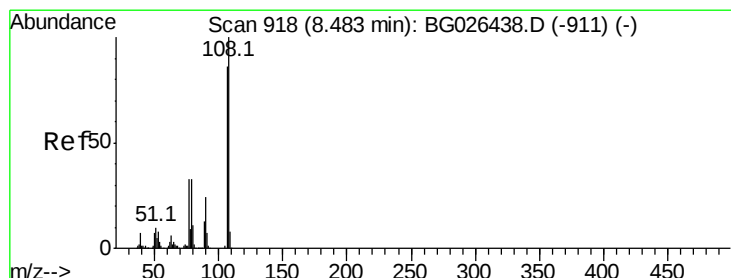
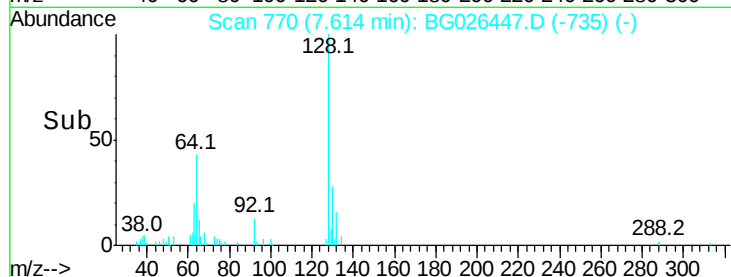
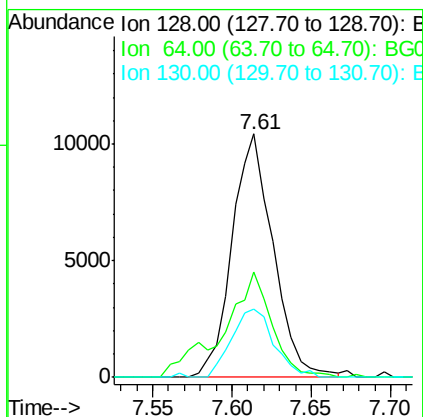
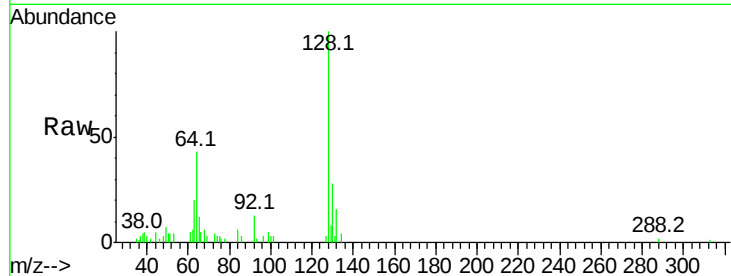




#10
2-Chlorophenol
Concen: 1.66 ng/ul
RT: 7.61 min Scan# 770
Delta R.T. 0.01 min
Lab File: BG026447.D
Acq: 28 Mar 2017 00:29

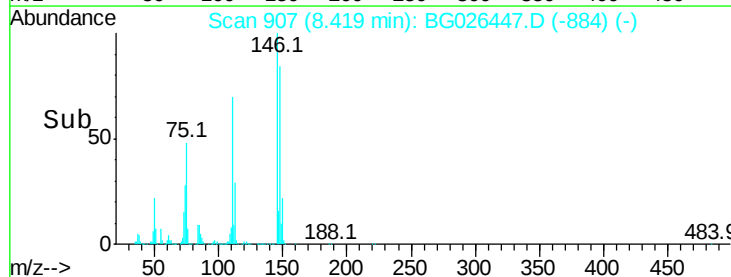
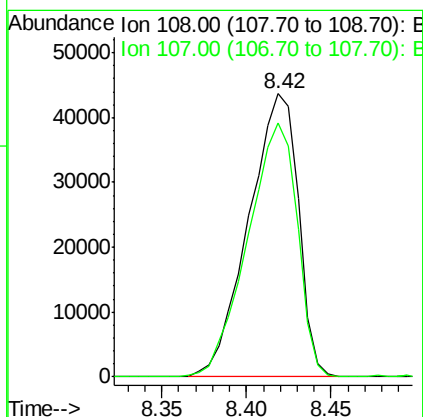
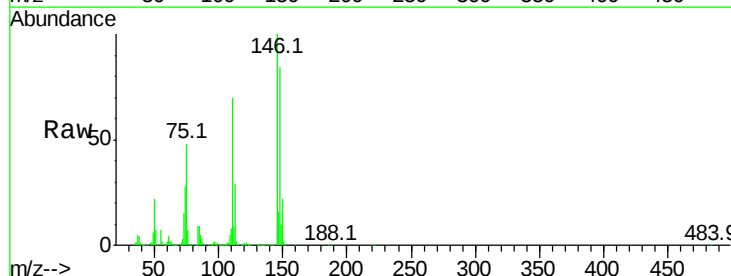
Instrument :
BNA_G
ClientSampleId :

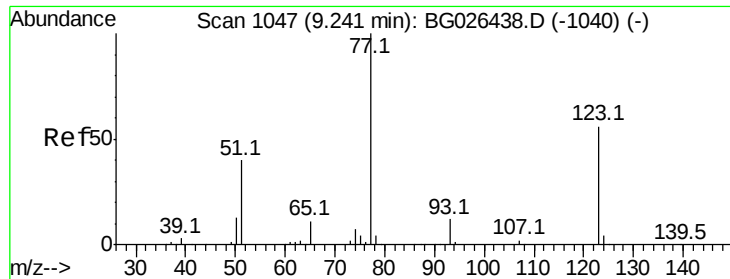
Tot Ion:128 Resp: 18732
Ion Ratio Lower Upper
128 100
64 43.2 31.9 47.9
130 28.2 25.6 38.4



#11
2-Methylphenol
Concen: 8.39 ng/ul
RT: 8.42 min Scan# 907
Delta R.T. -0.06 min
Lab File: BG026447.D
Acq: 28 Mar 2017 00:29

Tgt Ion:108 Resp: 89242
Ion Ratio Lower Upper
108 100
107 89.7 72.4 108.6

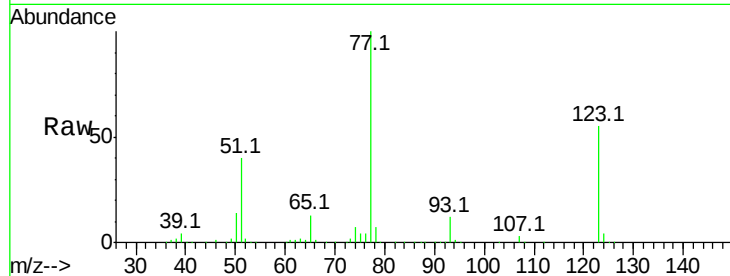




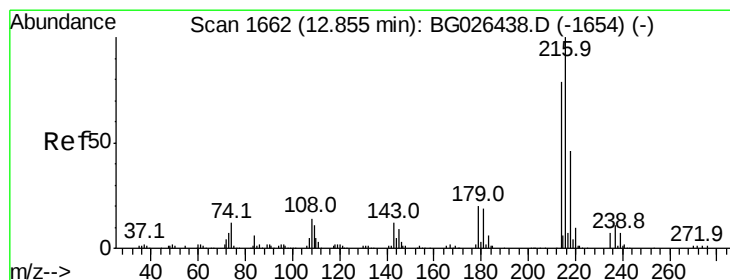
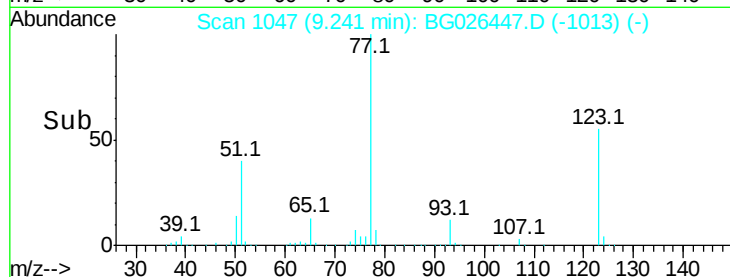
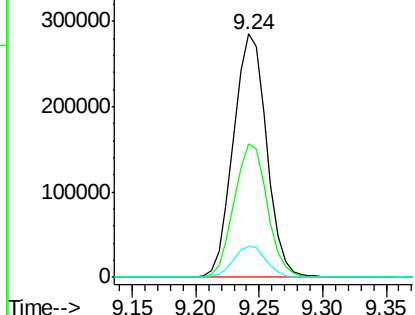
#20
 Nitrobenzene
 Concen: 49.94 ng/ul
 RT: 9.24 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BG026447.D
 Acq: 28 Mar 2017 00:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
123	55.1	39.0	58.4
65	12.6	10.4	15.6



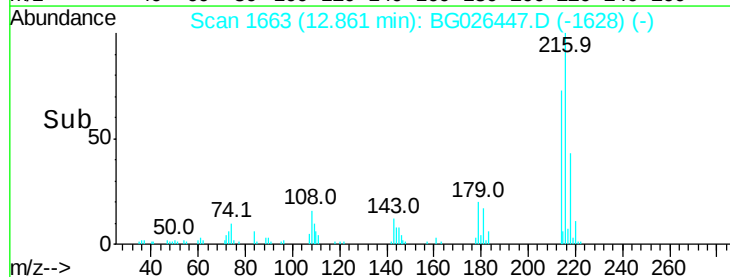
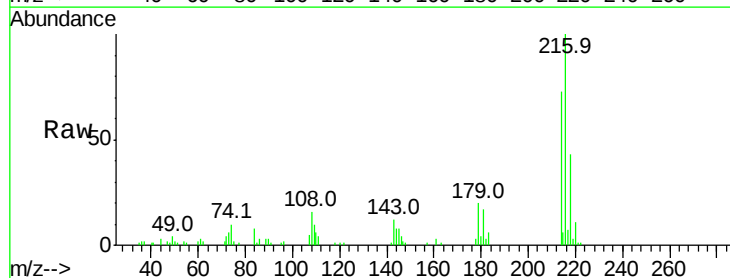
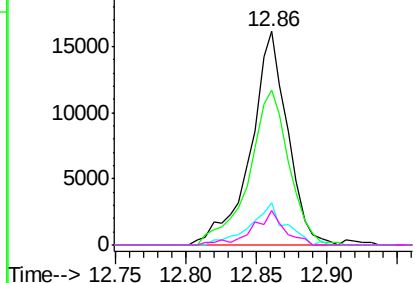
Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

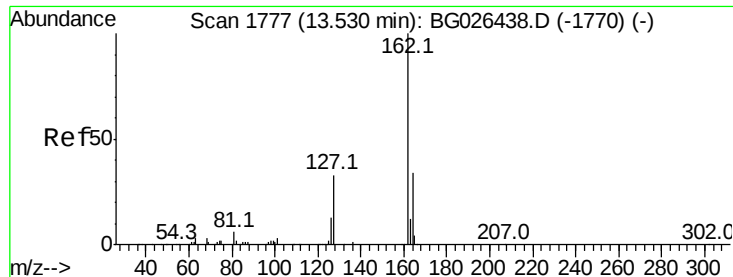


#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.19 ng/ul
 RT: 12.86 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BG026447.D
 Acq: 28 Mar 2017 00:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	72.5	62.5	93.7
179	20.0	18.2	27.2
108	16.4	14.2	21.2

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

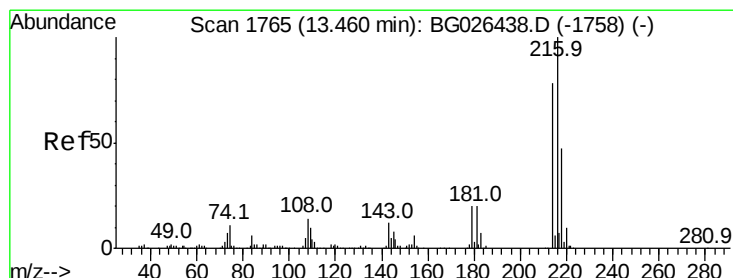
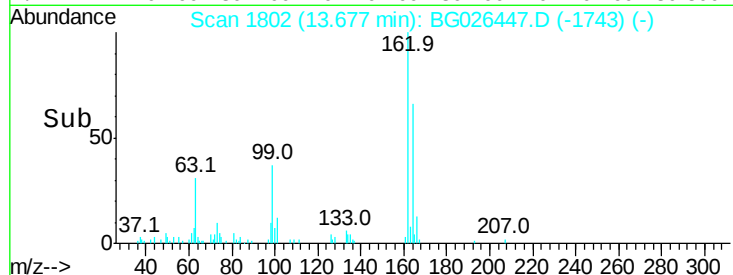
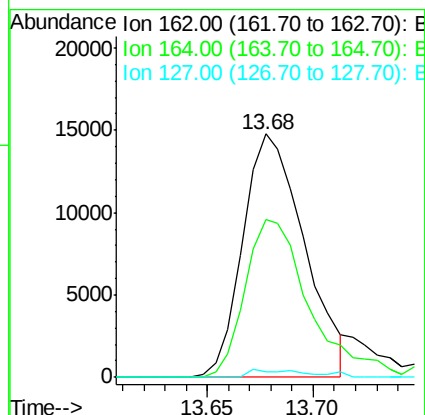
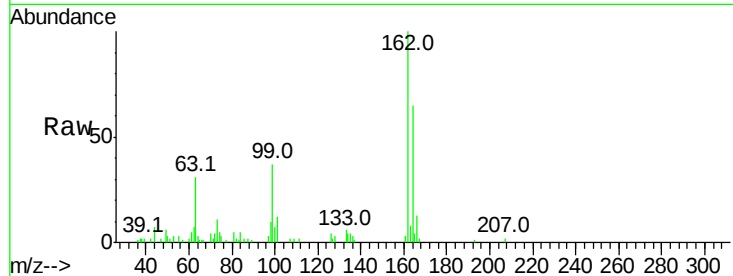




#41
 2-Chloronaphthalene
 Concen: 1.15 ng/ul
 RT: 13.68 min Scan# 1802
 Delta R.T. 0.15 min
 Lab File: BG026447.D
 Acq: 28 Mar 2017 00:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	25.9	38.9#
127	2.2	34.1	51.1#



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 6.00 ng/uL
 RT: 13.46 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BG026447.D
 Acq: 28 Mar 2017 00:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.0	62.5	93.7
218	48.2	38.4	57.6

