

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032717\
 Data File : BG026448.D
 Acq On : 28 Mar 2017 1:09
 Operator : SJ/MA
 Sample : I2358-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 02:06:35 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	8.06	152	181401	20.00	ng/ul	0.01
18) Naphthalene-d8	10.85	136	780956	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	448805	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	1078700	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1214077	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1193900	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	21733	5.73	ng/uL	0.00
5) Phenol-d5	7.21	99	97846	7.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	253492	33.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	327106	27.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	186578	17.34	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	197955	35.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	230664	35.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	356864	29.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	18473	1.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	1197524	34.46	ng/ul	0.00
46) Acenaphthylene-d8	14.35	160	1440692	33.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	48364	7.15	ng/ul	0.00
57) Fluorene-d10	15.63	176	1084923	34.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	238865	34.44	ng/ul	0.00
70) Anthracene-d10	17.48	188	1727361	35.26	ng/ul	0.00
78) Pyrene-d10	19.76	212	1941582	35.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1930224	37.63	ng/ul	0.00

Target Compounds

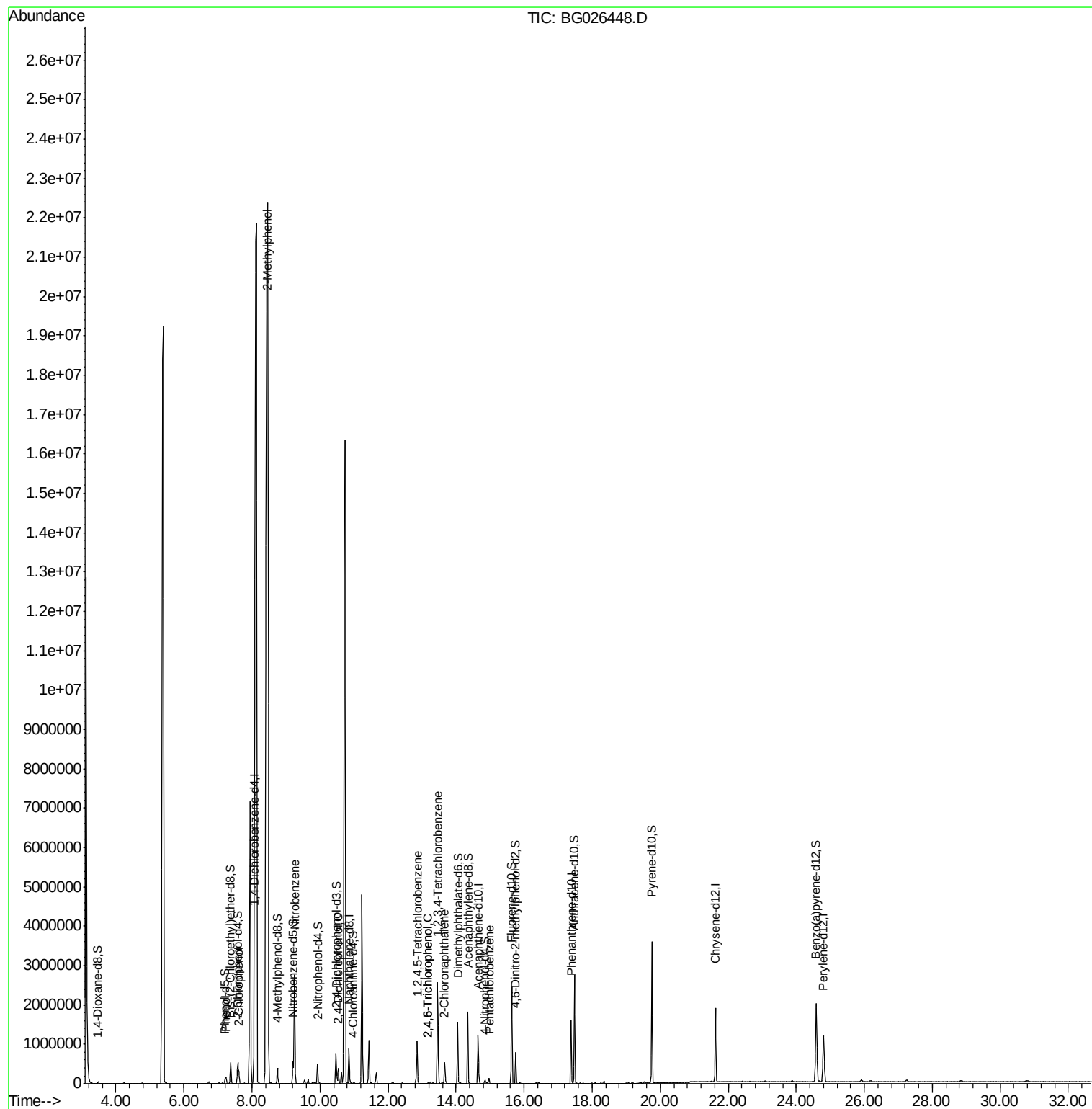
						Ovalue
6) Phenol	7.24	94	118619	8.50	ng/ul#	89
10) 2-Chlorophenol	7.61	128	178495	15.40	ng/ul	96
11) 2-Methylphenol	8.46	108	249919	22.91	ng/ul	92
20) Nitrobenzene	9.25	77	1672140	150.80	ng/ul	89
27) 2,4-Dichlorophenol	10.54	162	181196	15.28	ng/ul#	89
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	431958	30.57	ng/ul#	96
38) 2,4,6-Trichlorophenol	13.17	196	10659	1.14	ng/ul#	86
39) 2,4,5-Trichlorophenol	13.17	196	10659	1.10	ng/ul#	85
41) 2-Chloronaphthalene	13.67	162	204188	7.51	ng/ul#	40
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	833973	58.69	ng/uL	99
73) Pentachlorobenzene	14.97	250	36941	2.28	ng/uL	97

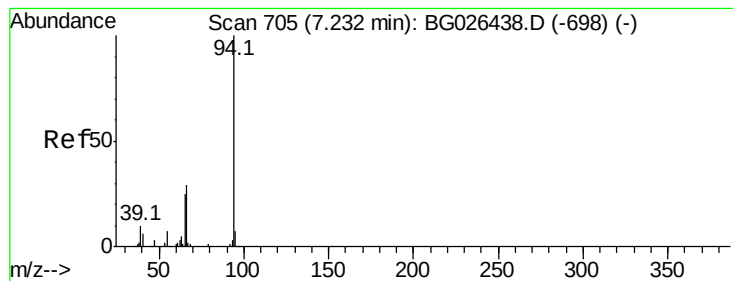
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 8.50 ng/ul

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG026448.D

Acq: 28 Mar 2017 1:09

Instrument :

BNA_G

ClientSampleId :

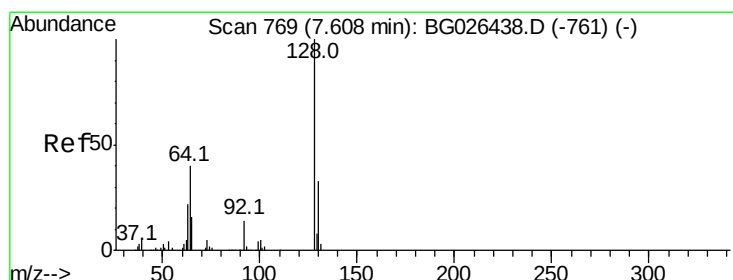
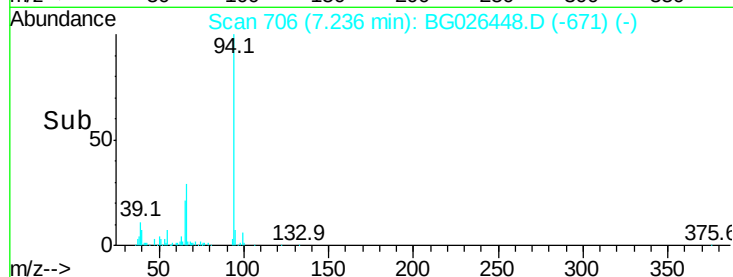
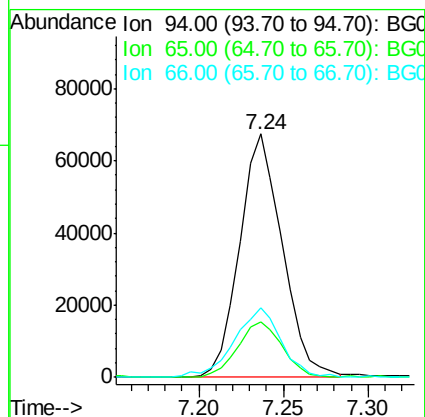
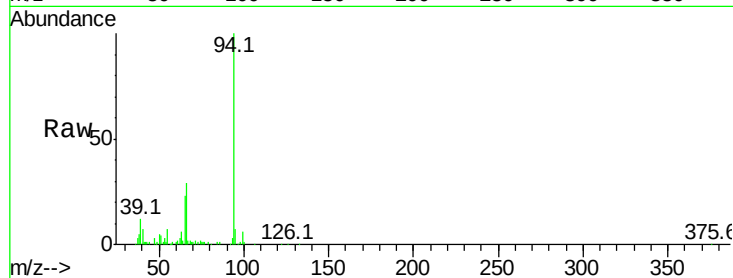
Tot Ion: 94 Resp: 118619

Ion Ratio Lower Upper

94 100

65 23.0 21.0 31.6

66 28.6 29.3 43.9#



#10

2-Chlorophenol

Concen: 15.40 ng/ul

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG026448.D

Acq: 28 Mar 2017 1:09

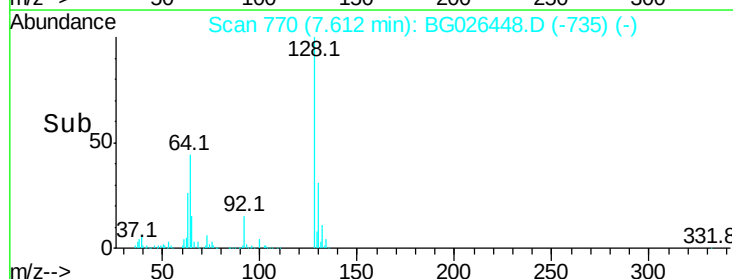
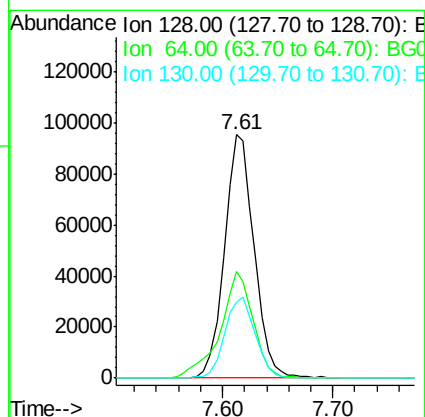
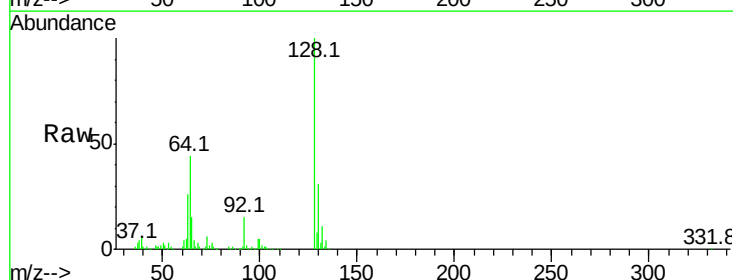
Tgt Ion:128 Resp: 178495

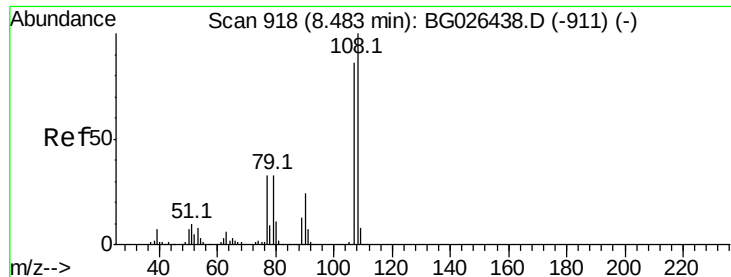
Ion Ratio Lower Upper

128 100

64 44.0 31.9 47.9

130 31.0 25.6 38.4





#11

2-Methylphenol

Concen: 22.91 ng/ul

RT: 8.46 min Scan# 914

Delta R.T. -0.02 min

Lab File: BG026448.D

Acq: 28 Mar 2017 1:09

Instrument :

BNA_G

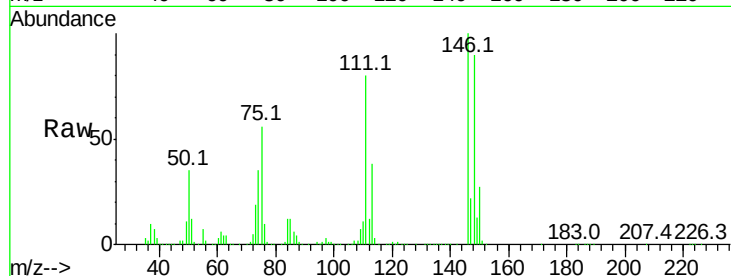
ClientSampled :

Tot Ion:108 Resp: 249919

Ion Ratio Lower Upper

108 100

107 83.1 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.46

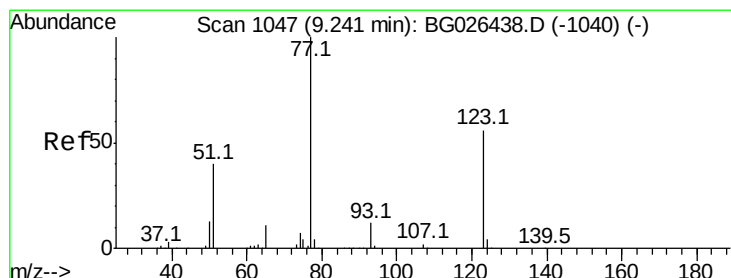
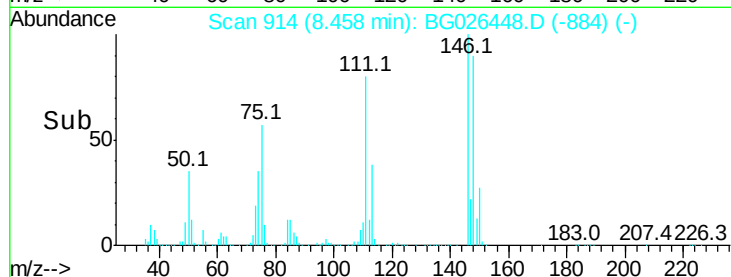
60000

40000

20000

0

Time-->



#20

Nitrobenzene

Concen: 150.80 ng/ul

RT: 9.25 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BG026448.D

Acq: 28 Mar 2017 1:09

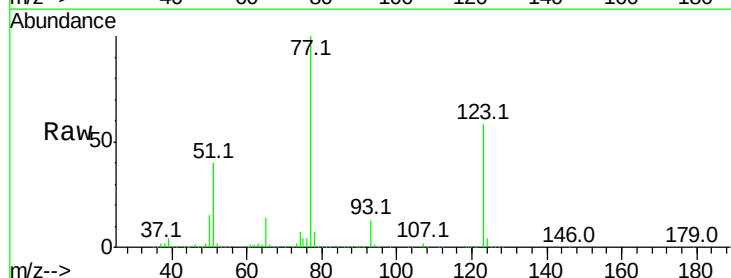
Tgt Ion: 77 Resp: 1672140

Ion Ratio Lower Upper

77 100

123 57.7 39.0 58.4

65 13.8 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC

1200000

1000000

800000

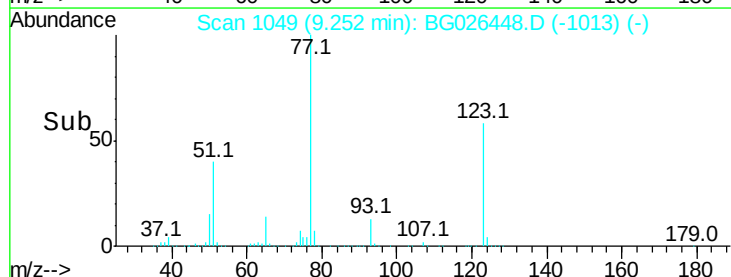
600000

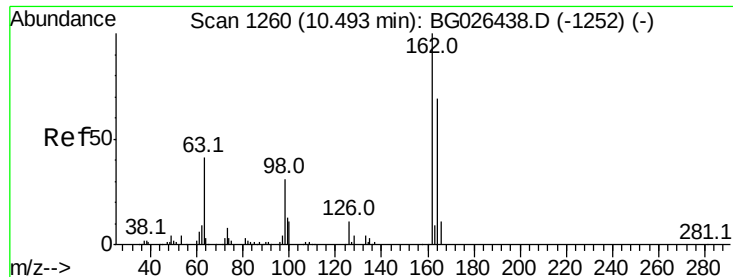
400000

200000

0

Time-->





#27

2,4-Dichlorophenol

Concen: 15.28 ng/ul

RT: 10.54 min Scan# 1268

Delta R.T. 0.05 min

Lab File: BG026448.D

Acq: 28 Mar 2017 1:09

Instrument :

BNA_G

ClientSampleId :

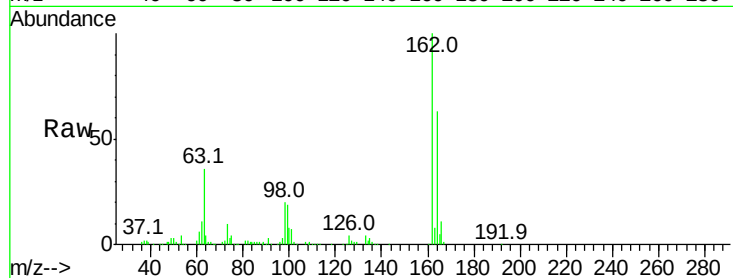
Tot Ion:162 Resp: 181196

Ion Ratio Lower Upper

162 100

164 63.2 52.1 78.1

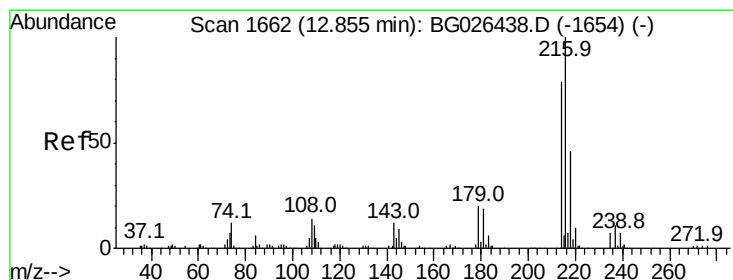
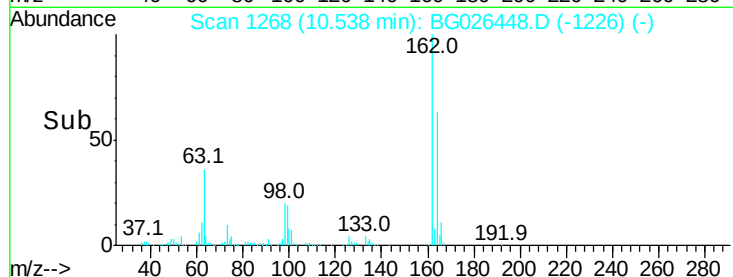
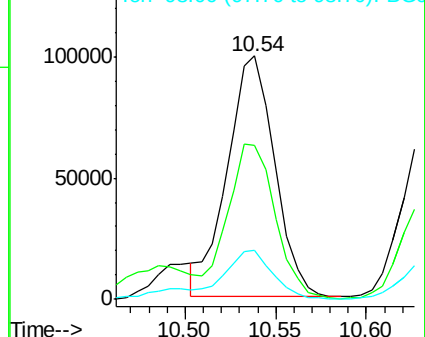
98 20.3 28.4 42.6#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#36

1,2,4,5-Tetrachlorobenzene

Concen: 30.57 ng/ul

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG026448.D

Acq: 28 Mar 2017 1:09

Tgt Ion:216 Resp: 431958

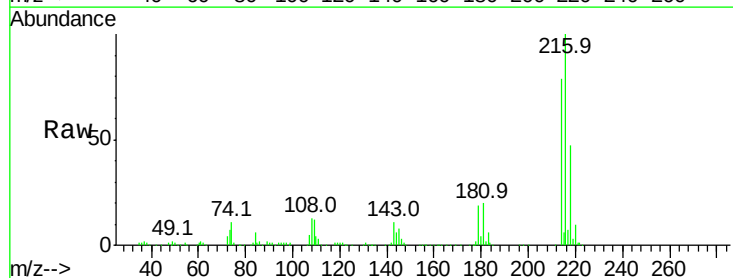
Ion Ratio Lower Upper

216 100

214 79.0 62.5 93.7

179 19.0 18.2 27.2

108 13.3 14.2 21.2#

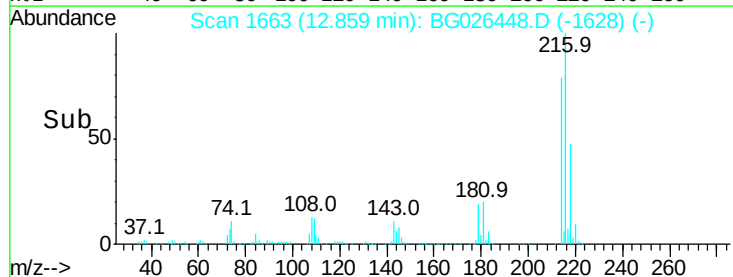
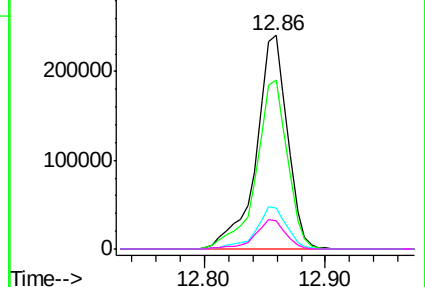


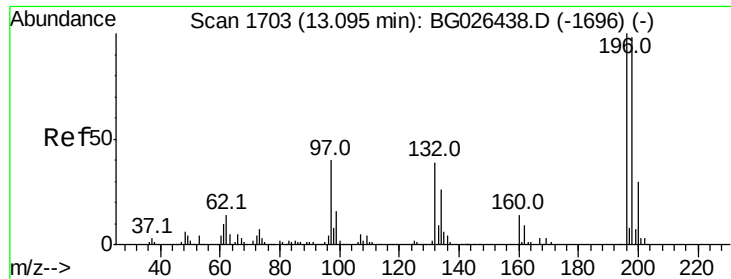
Abundance Ion 216.00 (215.70 to 216.70): E

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

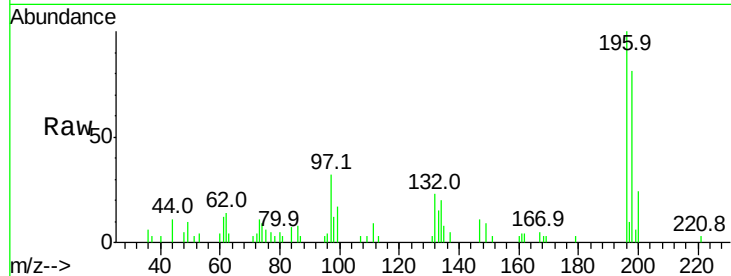




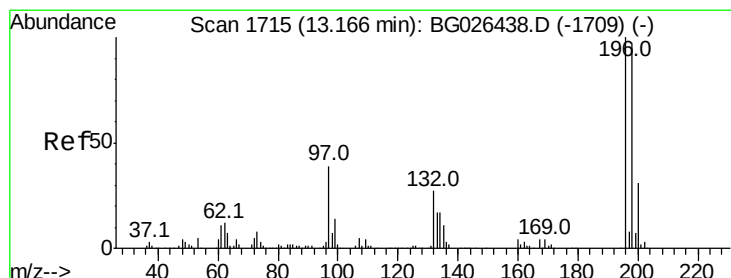
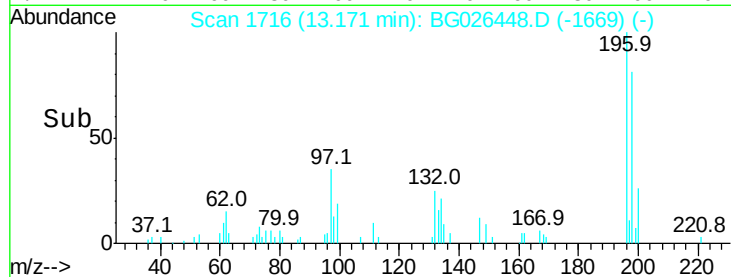
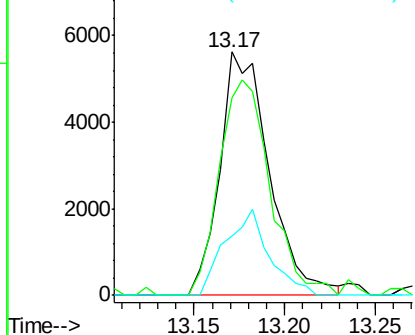
#38
 2,4,6-Trichlorophenol
 Concen: 1.14 ng/ul
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.08 min
 Lab File: BG026448.D
 Acq: 28 Mar 2017 1:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 10659
 Ion Ratio Lower Upper
 196 100
 198 81.1 76.6 114.8
 200 24.4 24.7 37.1#

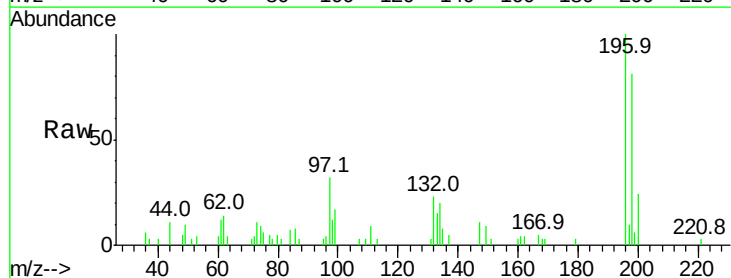


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

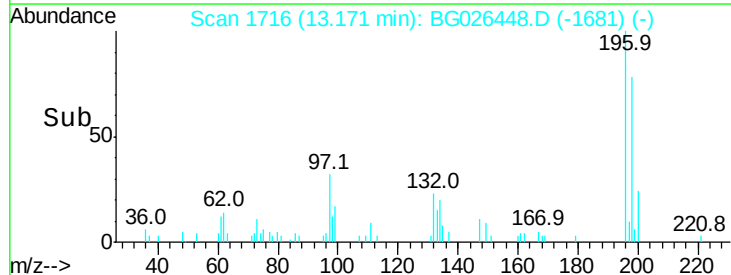
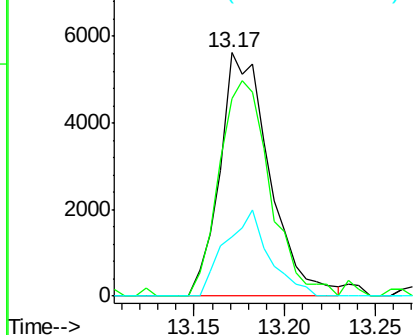


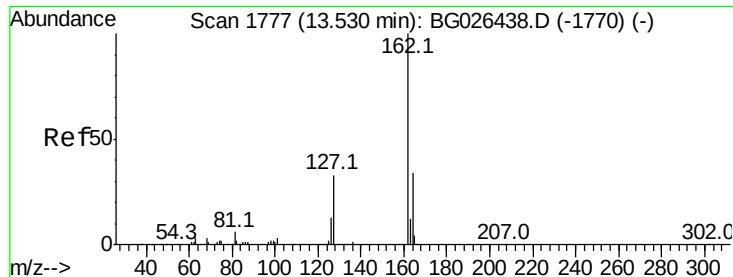
#39
 2,4,5-Trichlorophenol
 Concen: 1.10 ng/ul
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG026448.D
 Acq: 28 Mar 2017 1:09

Tgt Ion:196 Resp: 10659
 Ion Ratio Lower Upper
 196 100
 198 81.1 76.9 115.3
 200 24.4 25.0 37.4#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

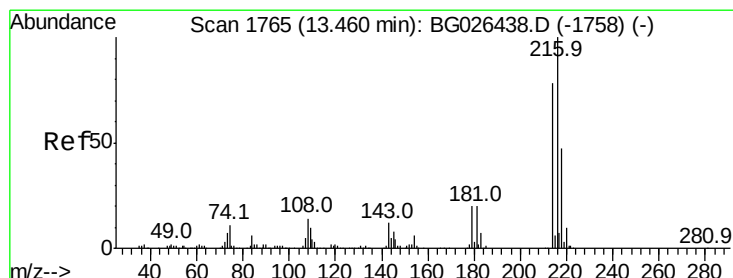
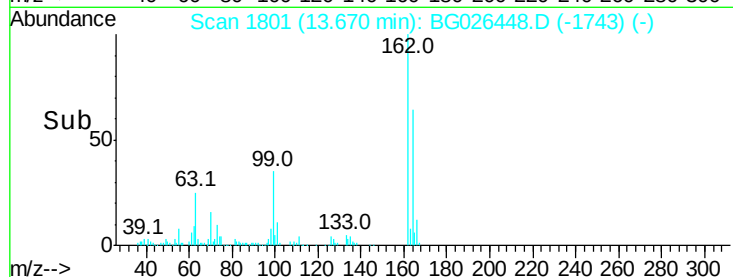
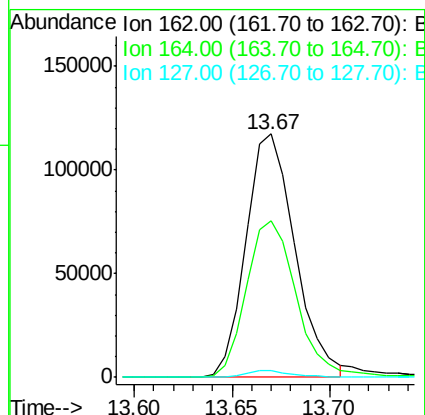
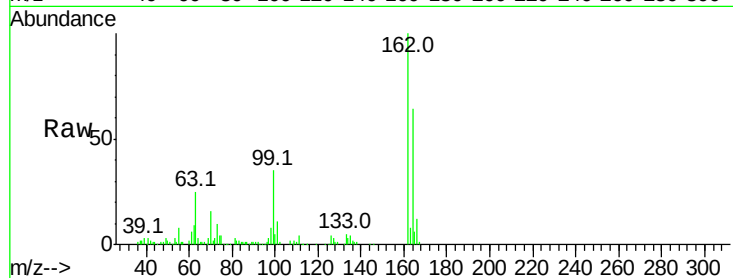




#41
 2-Chloronaphthalene
 Concen: 7.51 ng/ul
 RT: 13.67 min Scan# 1801
 Delta R.T. 0.14 min
 Lab File: BG026448.D
 Acq: 28 Mar 2017 1:09

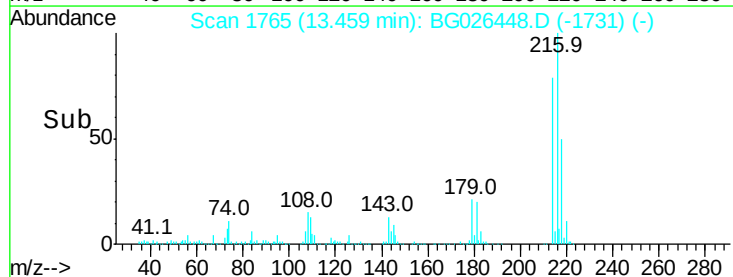
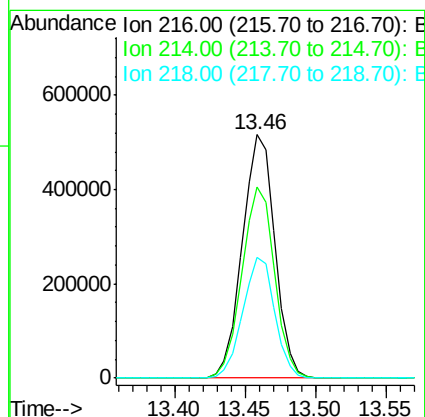
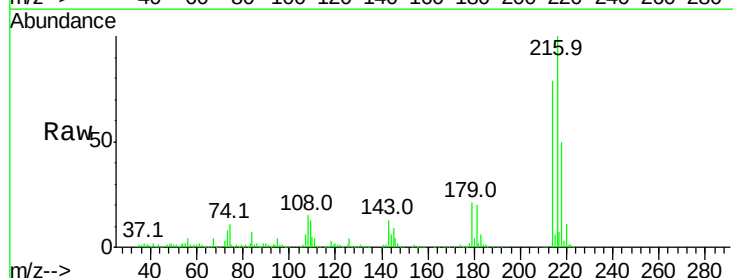
Instrument :
 BNA_G
 ClientSampleId :

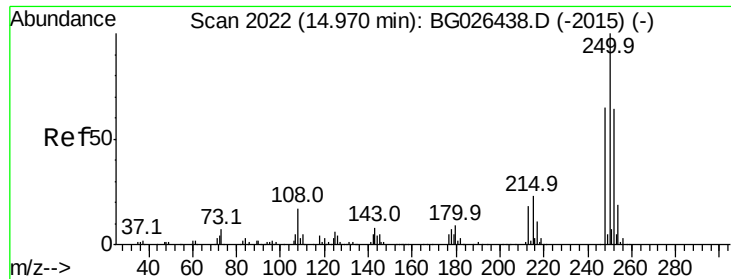
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	25.9	38.9#
127	2.8	34.1	51.1#



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 58.69 ng/uL
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BG026448.D
 Acq: 28 Mar 2017 1:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.5	93.7
218	49.6	38.4	57.6





#73

Pentachlorobenzene

Concen: 2.28 ng/uL

RT: 14.97 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG026448.D

Acq: 28 Mar 2017 1:09

Instrument :

BNA_G

ClientSampleId :

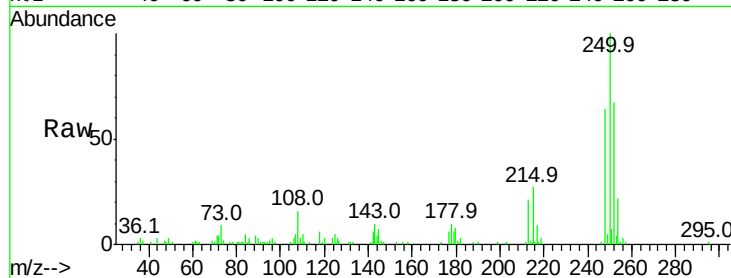
Tot Ion:250 Resp: 36941

Ion Ratio Lower Upper

250 100

248 64.4 50.6 75.8

252 67.2 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

