

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
 Data File : BG025670.D
 Acq On : 26 Jan 2017 17:15
 Operator : SJ/MA
 Sample : I1387-04DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA9Q8DL

Quant Time: Jan 27 03:38:44 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 27 03:32:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	65245	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	304644	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	244972	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	188947	20.00	ng/ul	0.10
75) Chrysene-d12	21.84	240	659812	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	652186	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	216	0.17	ng/uL	-0.01
5) Phenol-d5	7.31	99	65	0.01	ng/ul	-0.03
7) Bis-(2-Chloroethyl)ether-d	7.50	67	26399	7.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	21476	5.45	ng/ul	0.02
13) 4-Methylphenol-d8	8.91	113	13996	2.94	ng/ul	0.02
19) Nitrobenzene-d5	9.37	128	14378	6.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	19850	7.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	27310	5.37	ng/ul	0.02
29) 4-Chloroaniline-d4	11.12	131	479	0.08	ng/ul	-0.03
43) Dimethylphthalate-d6	14.20	166	132477	7.66	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	155214	8.31	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	114	0.05	ng/ul	0.00
57) Fluorene-d10	15.79	176	123860	7.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	1844	1.58	ng/ul	0.11
70) Anthracene-d10	17.66	188	188947	23.49	ng/ul	0.00
76) Pyrene-d10	19.94	212	223873	8.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	207093	7.55	ng/ul	0.00

Target Compounds

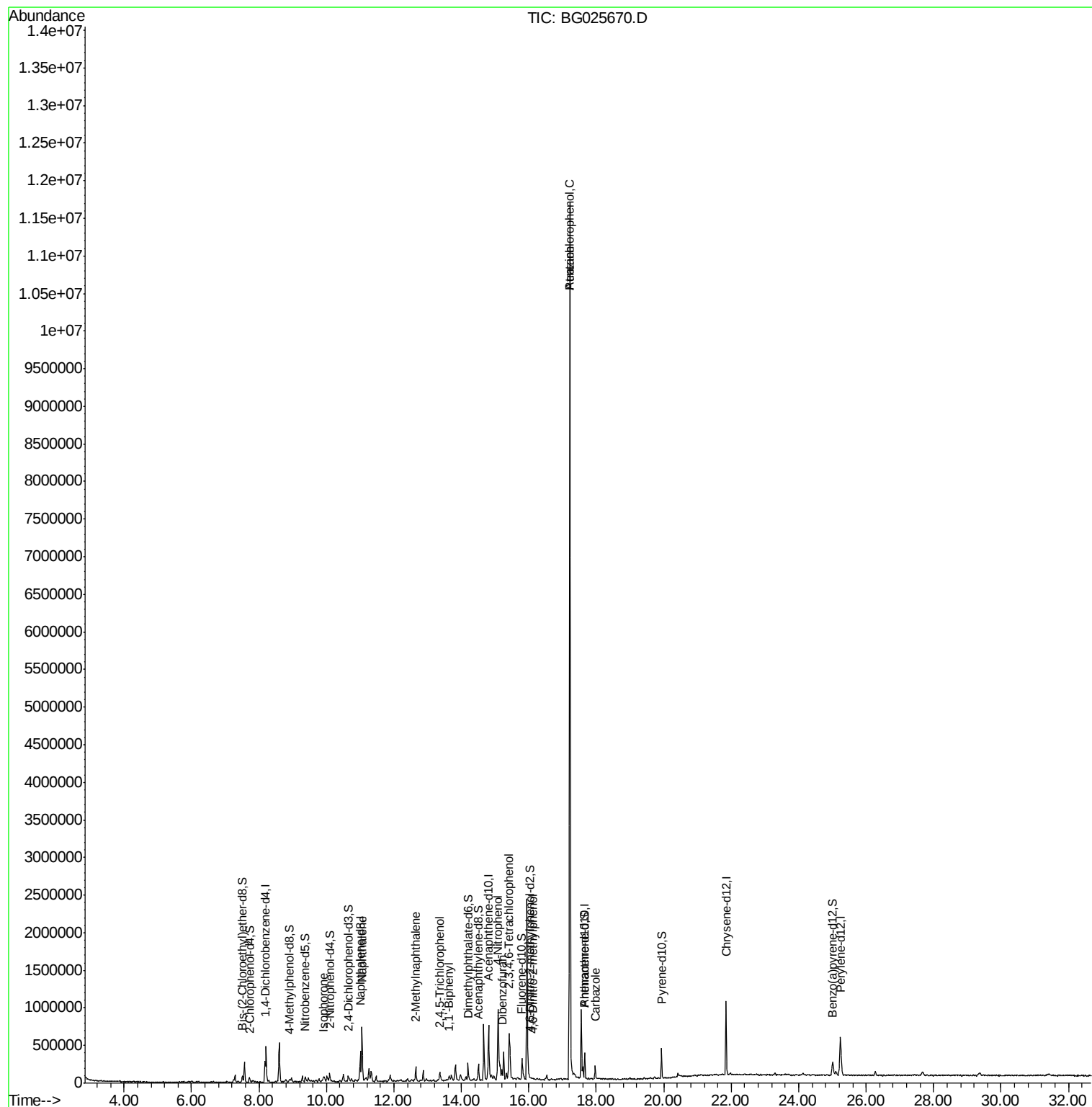
						Qvalue
21) Isophorone	9.91	82	42233	3.25	ng/ul#	94
28) Naphthalene	11.05	128	559816	39.80	ng/ul	96
34) 2-Methylnaphthalene	12.65	142	91474	7.97	ng/ul	97
39) 2,4,5-Trichlorophenol	13.36	196	32194	6.87	ng/ul#	80
40) 1,1'-Biphenyl	13.64	154	21907	1.44	ng/ul	93
52) 4-Nitrophenol	15.09	109	13630	4.15	ng/ul#	27
53) Dibenzofuran	15.21	168	65341	3.28	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.42	232	201829	40.73	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	16.12	198	1316	1.10	ng/ul#	85
67) Atrazine	17.21	200	481465	210.38	ng/ul#	35
68) Pentachlorophenol	17.22	266	2155315	2079.27	ng/ul	93
72) Carbazole	17.97	167	116158	15.17	ng/ul	97

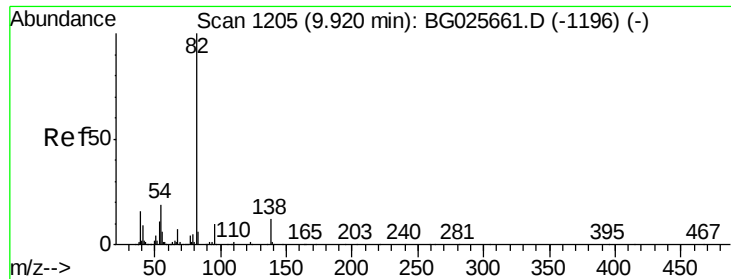
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 27 03:32:12 2017
Response via : Initial Calibration





#21

Isophorone

Concen: 3.25 ng/ul

RT: 9.91 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BG025670.D

Acq: 26 Jan 2017 17:15

Instrument :

BNA_G

ClientSampleId :

DA9Q8DL

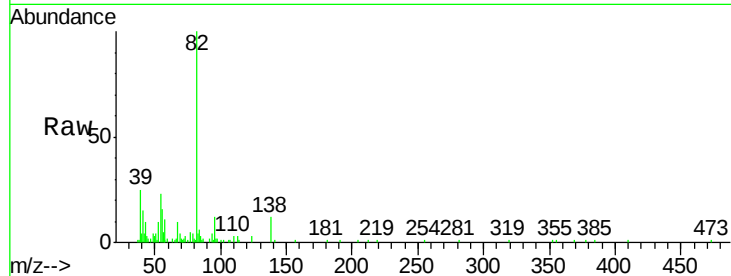
Tgt Ion: 82 Resp: 42233

Ion Ratio Lower Upper

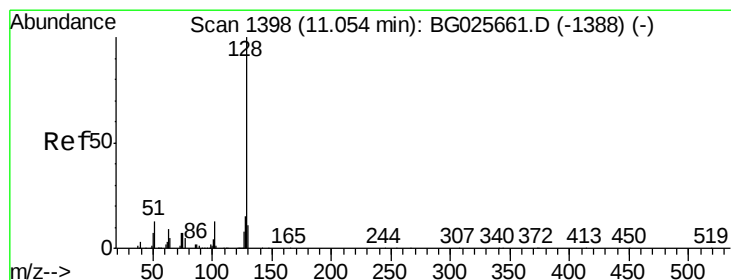
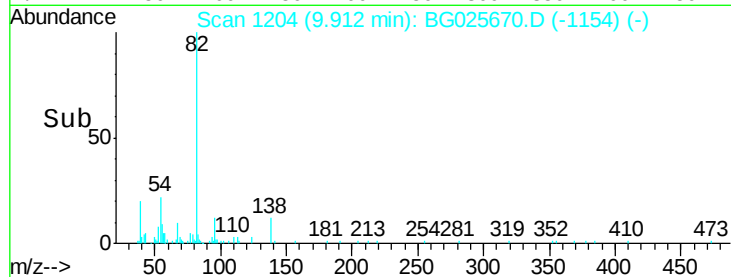
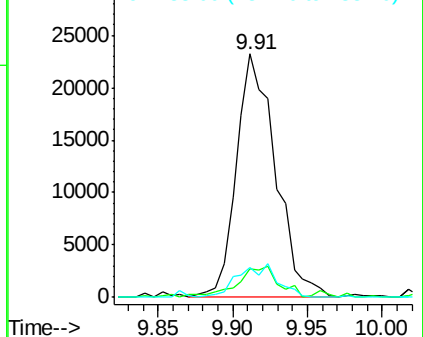
82 100

95 11.7 7.8 11.6#

138 12.5 12.2 18.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#28

Naphthalene

Concen: 39.80 ng/ul

RT: 11.05 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BG025670.D

Acq: 26 Jan 2017 17:15

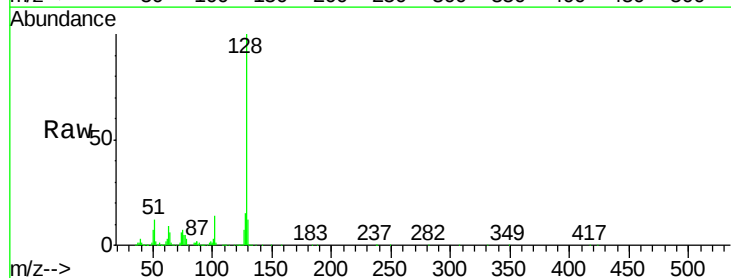
Tgt Ion: 128 Resp: 559816

Ion Ratio Lower Upper

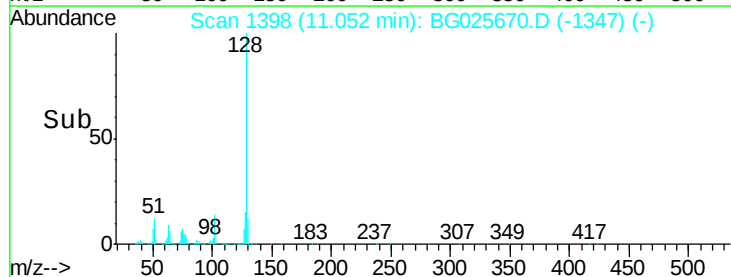
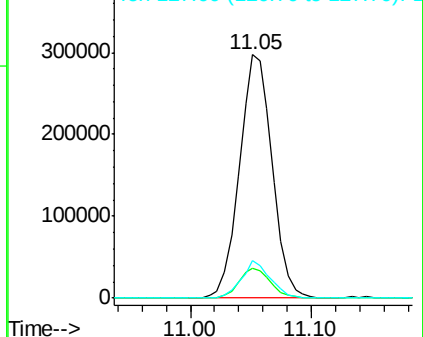
128 100

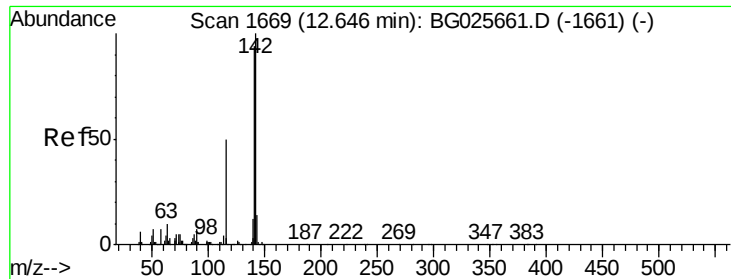
129 12.4 9.4 14.2

127 15.2 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

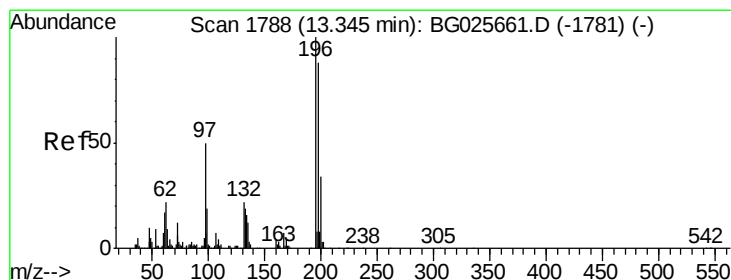
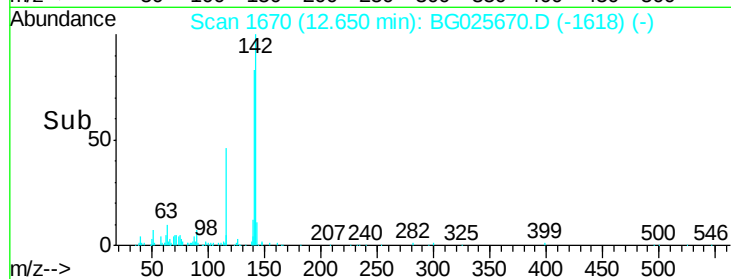
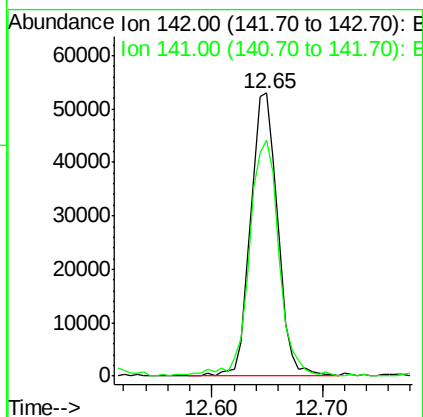
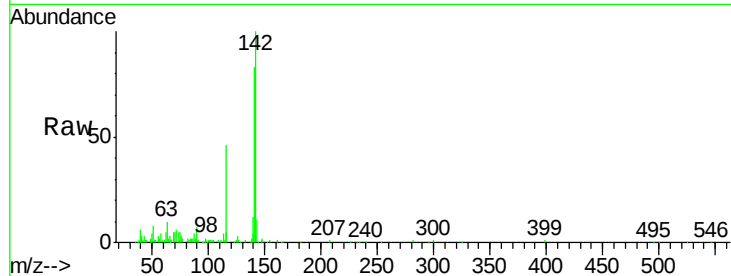




#34
 2-Methylnaphthalene
 Concen: 7.97 ng/ul
 RT: 12.65 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BG025670.D
 Acq: 26 Jan 2017 17:15

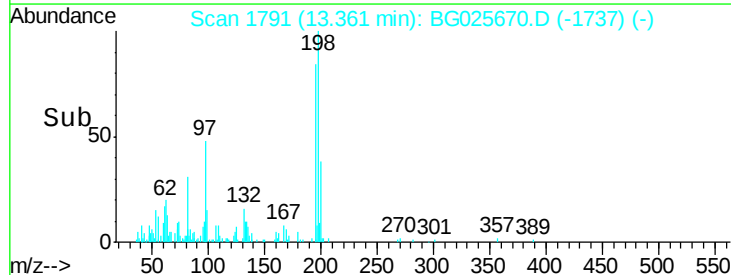
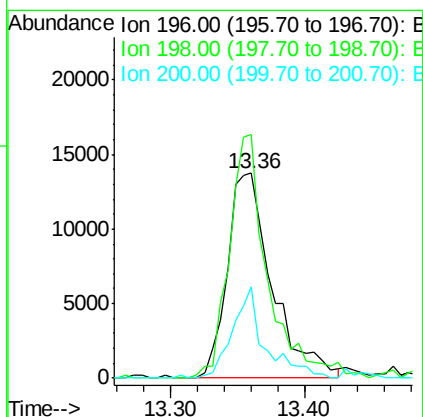
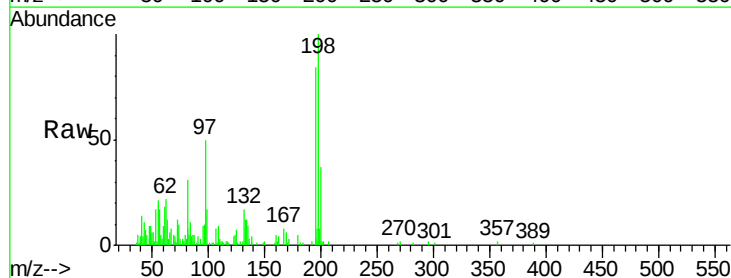
Instrument :
 BNA_G
 ClientSampleId :
 DA9Q8DL

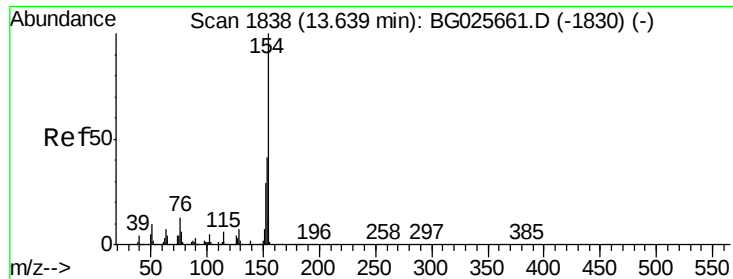
Tgt Ion:142 Resp: 91474
 Ion Ratio Lower Upper
 142 100
 141 83.3 68.6 102.8



#39
 2,4,5-Trichlorophenol
 Concen: 6.87 ng/ul
 RT: 13.36 min Scan# 1791
 Delta R.T. 0.02 min
 Lab File: BG025670.D
 Acq: 26 Jan 2017 17:15

Tgt Ion:196 Resp: 32194
 Ion Ratio Lower Upper
 196 100
 198 118.9 78.6 118.0#
 200 44.4 27.3 40.9#

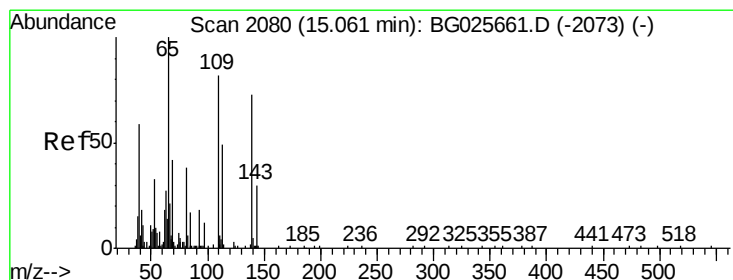
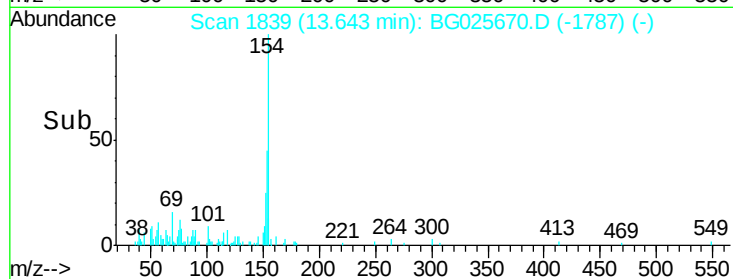
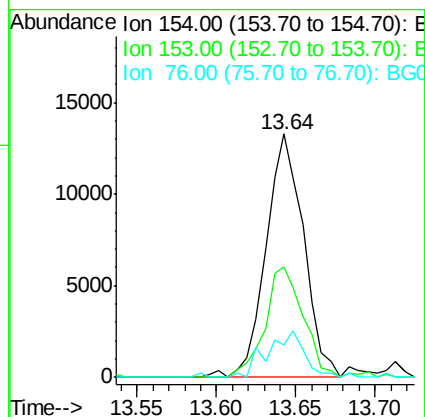
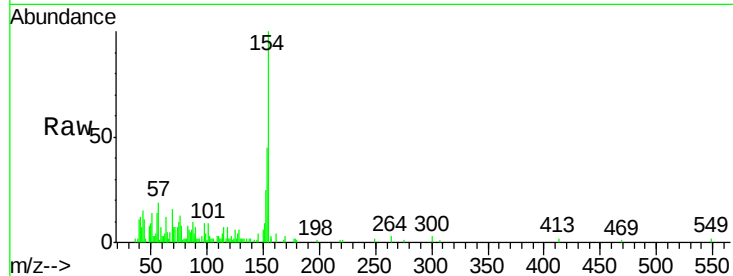




#40
 1,1'-Biphenyl
 Concen: 1.44 ng/ul
 RT: 13.64 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BG025670.D
 Acq: 26 Jan 2017 17:15

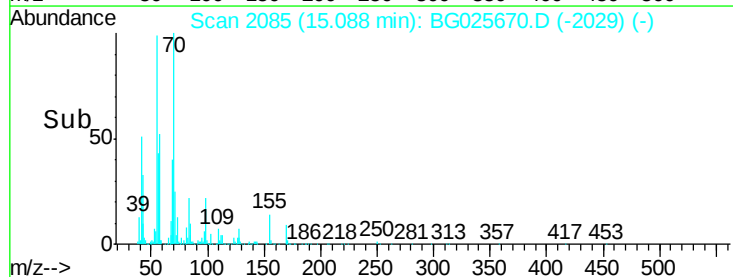
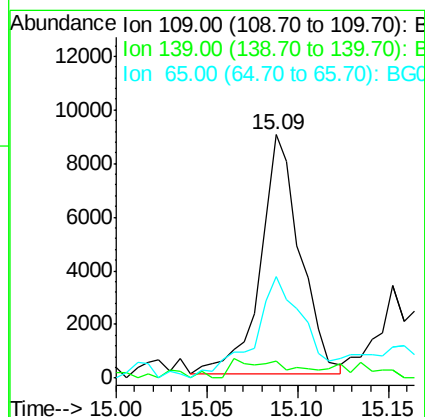
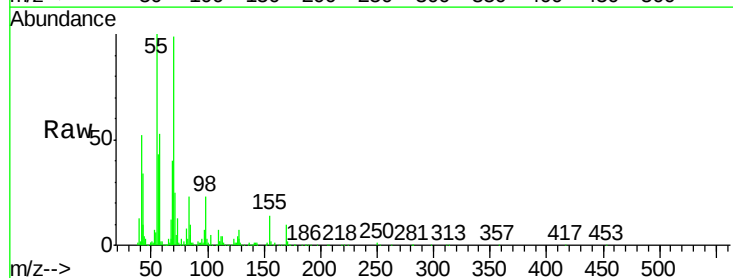
Instrument :
 BNA_G
 ClientSampleId :
 DA9Q8DL

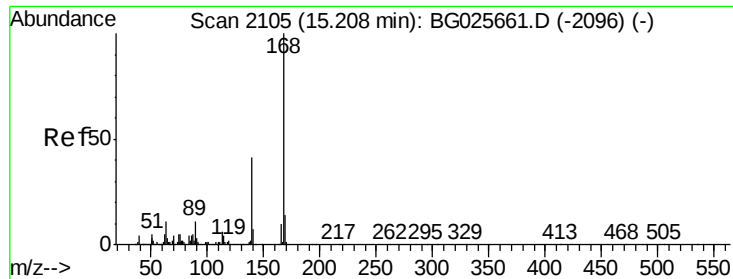
Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.4	32.2	48.2
76	13.5	9.6	14.4



#52
 4-Nitrophenol
 Concen: 4.15 ng/ul
 RT: 15.09 min Scan# 2085
 Delta R.T. 0.03 min
 Lab File: BG025670.D
 Acq: 26 Jan 2017 17:15

Tgt Ion	Ratio	Lower	Upper
109	100		
139	7.3	62.6	93.8#
65	41.5	90.4	135.6#





#53

Dibenzofuran

Concen: 3.28 ng/ul

RT: 15.21 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG025670.D

Acq: 26 Jan 2017 17:15

Instrument :

BNA_G

ClientSampleId :

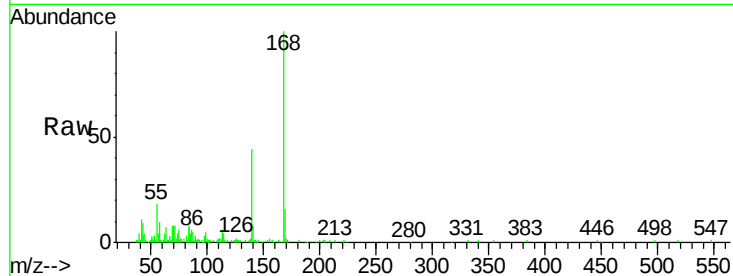
DA9Q8DL

Tgt Ion:168 Resp: 65341

Ion Ratio Lower Upper

168 100

139 44.0 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.21

40000

30000

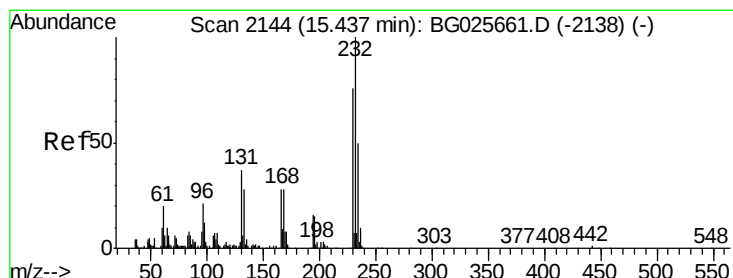
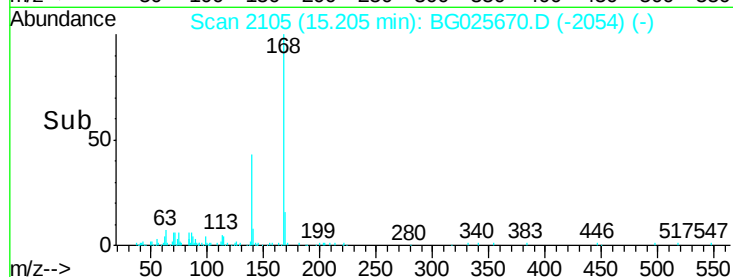
20000

10000

0

15.15 15.20 15.25

Time-->



#55

2,3,4,6-Tetrachlorophenol

Concen: 40.73 ng/ul

RT: 15.42 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BG025670.D

Acq: 26 Jan 2017 17:15

Tgt Ion:232 Resp: 201829

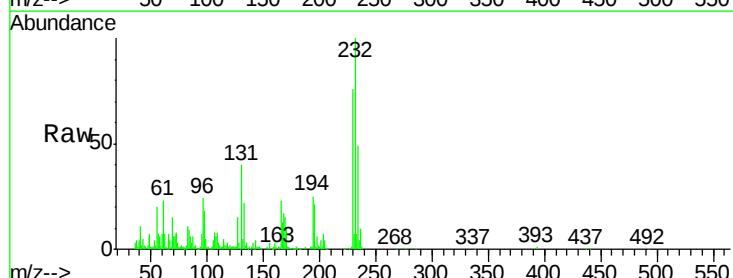
Ion Ratio Lower Upper

232 100

131 39.8 33.3 49.9

130 2.0 1.8 2.6

166 23.2 21.9 32.9



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

15.42

100000

80000

60000

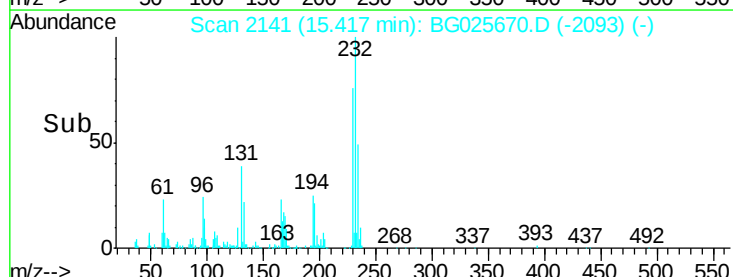
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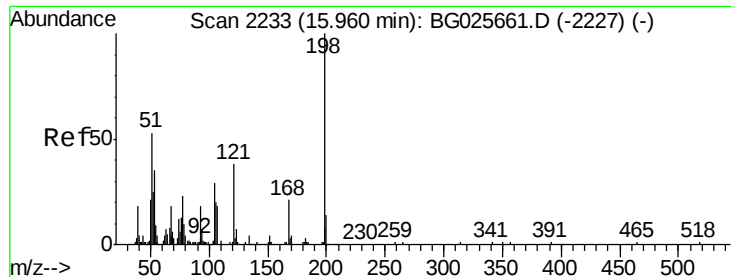
20000

0

15.40 15.50

Time-->

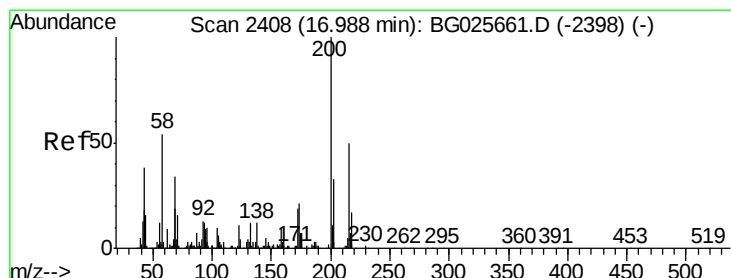
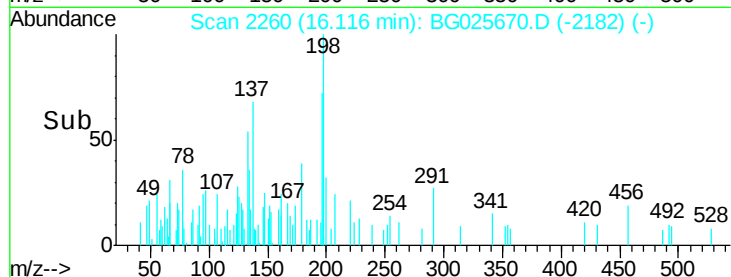
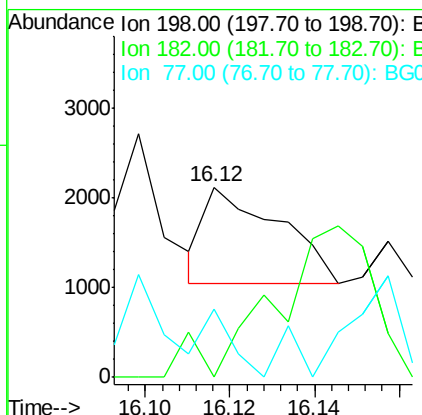
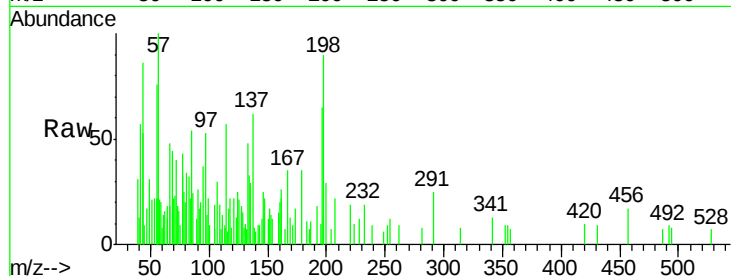




#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.10 ng/ul
 RT: 16.12 min Scan# 2260
 Delta R.T. 0.16 min
 Lab File: BG025670.D
 Acq: 26 Jan 2017 17:15

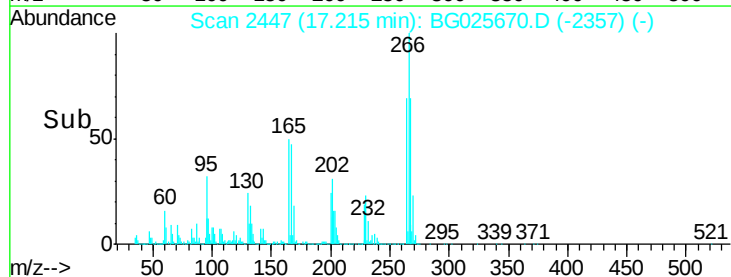
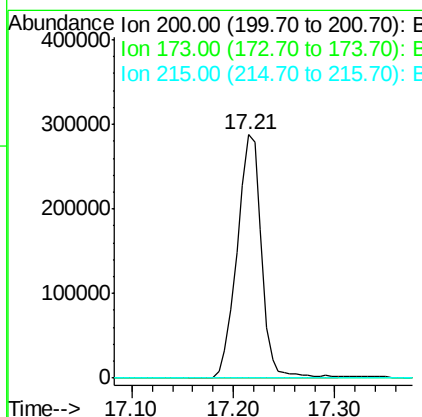
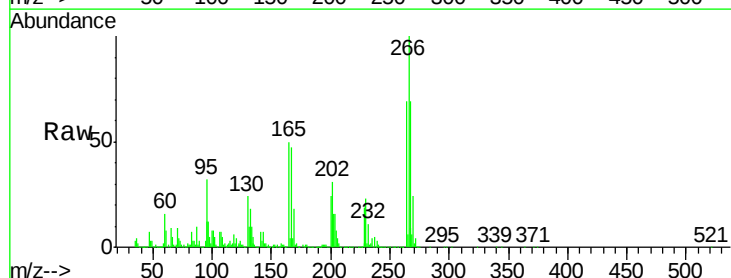
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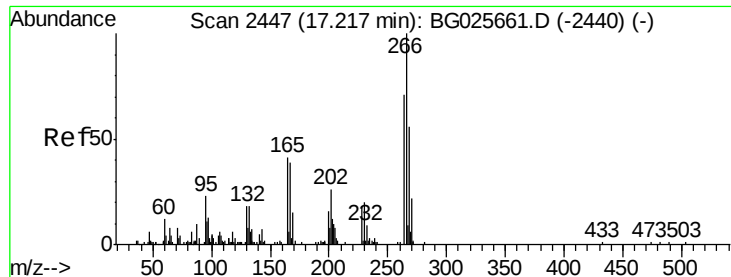
Tgt Ion:198 Resp: 1316
 Ion Ratio Lower Upper
 198 100
 182 0.0 5.8 6.4#
 77 35.6 22.1 33.9#



#67
 Atrazine
 Concen: 210.38 ng/ul
 RT: 17.21 min Scan# 2447
 Delta R.T. 0.23 min
 Lab File: BG025670.D
 Acq: 26 Jan 2017 17:15

Tgt Ion:200 Resp: 481465
 Ion Ratio Lower Upper
 200 100
 173 0.2 19.2 28.8#
 215 0.1 40.3 60.5#

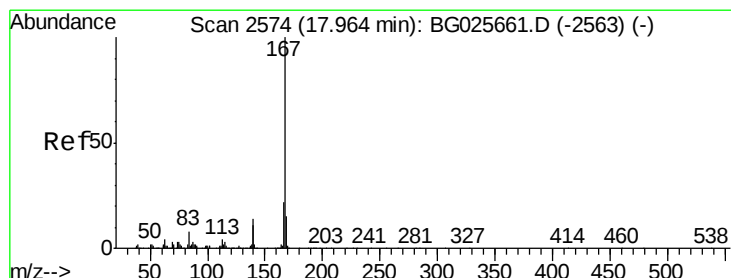
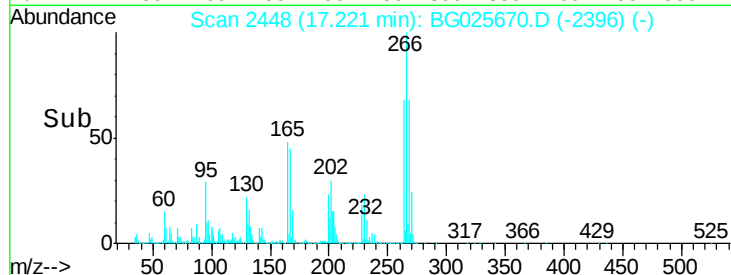
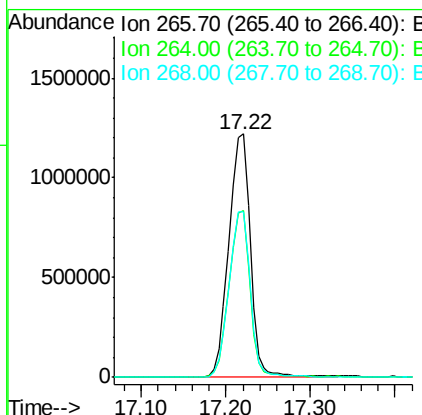
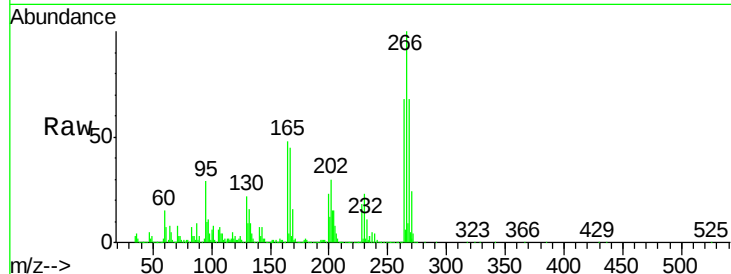




#68
 Pentachlorophenol
 Concen: 2079.27 ng/ul
 RT: 17.22 min Scan# 2448
 Delta R.T. 0.00 min
 Lab File: BG025670.D
 Acq: 26 Jan 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 DA9Q8DL

Tgt Ion:266 Resp: 2155315
 Ion Ratio Lower Upper
 266 100
 264 68.4 47.1 70.7
 268 68.0 56.2 84.4



#72
 Carbazole
 Concen: 15.17 ng/ul
 RT: 17.97 min Scan# 2575
 Delta R.T. 0.00 min
 Lab File: BG025670.D
 Acq: 26 Jan 2017 17:15

Tgt Ion:167 Resp: 116158
 Ion Ratio Lower Upper
 167 100
 166 24.2 17.9 26.9
 139 12.7 10.5 15.7

