

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032116\
 Data File : BG021452.D
 Acq On : 21 Mar 2016 20:25
 Operator : UM/SJ
 Sample : H1835-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T15

Quant Time: Mar 22 01:44:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 22 01:42:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	10008	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	45449	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	28852	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	71097	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	85348	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	81915	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1218	5.46	ng/uL	0.00
5) Phenol-d5	7.33	99	32034	33.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	18875	33.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	25844	35.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	27923	34.46	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	13651	40.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	14908	38.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	28467	40.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	13962	15.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	93240	38.81	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	114429	38.64	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	14674	38.21	ng/ul	-0.01
58) Fluorene-d10	15.68	176	81548	37.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	16089	34.25	ng/ul	0.00
71) Anthracene-d10	17.53	188	133806	38.41	ng/ul	0.00
79) Pyrene-d10	19.80	212	155478	39.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	163518	43.25	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	7.22	77	1648	2.86 ng/ul#	75
10) 2-Chlorophenol	7.67	128	29966	40.58 ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.60	45	46082	52.76 ng/ul#	90
14) Acetophenone	8.90	105	50996	38.57 ng/ul#	86
17) Hexachloroethane	9.16	117	5996	19.35 ng/ul	92
20) Nitrobenzene	9.29	77	62455	64.85 ng/ul	95
23) 2-Nitrophenol	10.00	139	22948	53.34 ng/ul	91
27) 2,4-Dichlorophenol	10.59	162	19745	27.29 ng/ul	95
28) Naphthalene	10.93	128	43114	17.89 ng/ul	97
33) 4-Chloro-3-methylphenol	12.23	107	47687	53.97 ng/ul	96
35) 1-Methylnaphthalene	12.74	142	83122	47.90 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	21583	21.37 ng/ul	94
39) 2,4,6-Trichlorophenol	13.15	196	23003	38.74 ng/ul	97
41) 1,1'-Biphenyl	13.53	154	100694	42.66 ng/ul	97
43) 2-Nitroaniline	13.79	65	36439	56.60 ng/ul#	84
45) Dimethylphthalate	14.18	163	4254	1.70 ng/ul#	94
46) 2,6-Dinitrotoluene	14.27	165	23339	45.82 ng/ul	85
48) Acenaphthylene	14.41	152	164538	56.08 ng/ul	98
50) Acenaphthene	14.75	153	9530	4.71 ng/ul	97
54) Dibenzofuran	15.08	168	60633	21.39 ng/ul#	79
55) 2,4-Dinitrotoluene	15.05	165	41074	55.00 ng/ul#	94
57) Diethylphthalate	15.49	149	136439	51.15 ng/ul	100
59) Fluorene	15.73	166	21088	8.51 ng/ul	99

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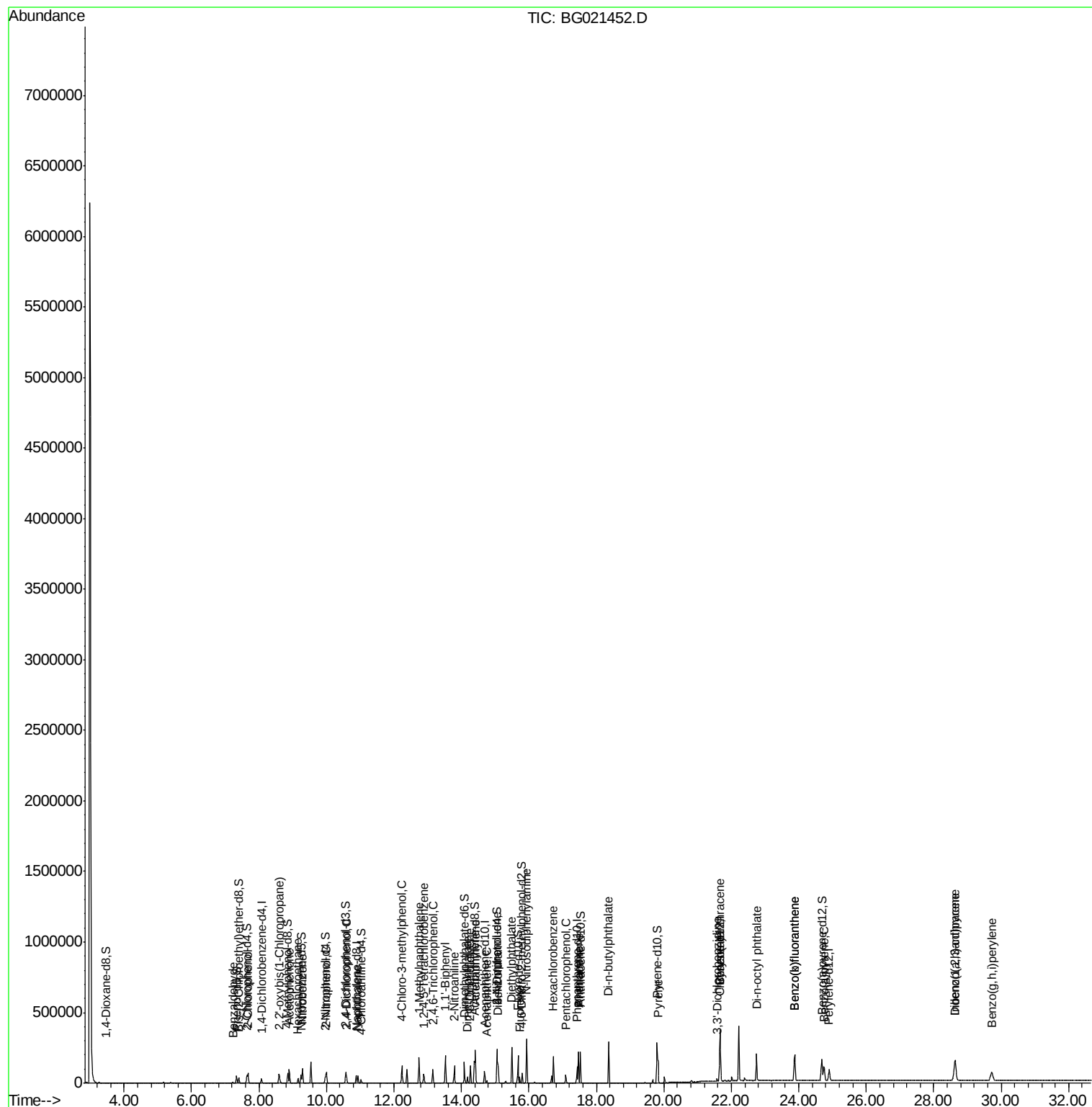
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) N-Nitrosodiphenylamine	15.94	169	120055	54.51	ng/ul	98
67) Hexachlorobenzene	16.73	284	36922	42.15	ng/ul	93
69) Pentachlorophenol	17.10	266	12761	55.09	ng/ul	91
70) Phenanthrene	17.47	178	134976	33.52	ng/ul	98
72) Anthracene	17.47	178	134976	32.95	ng/ul	99
76) Di-n-butylphthalate	18.37	149	200707	43.89	ng/ul	98
80) Pyrene	19.83	202	87321	17.17	ng/ul#	93
82) 3,3'-Dichlorobenzidine	21.58	252	6987	3.95	ng/ul	91
83) Benzo(a)anthracene	21.66	228	222942	43.27	ng/ul	98
85) Chrysene	21.66	228	222942	45.69	ng/ul	98
87) Di-n-octyl phthalate	22.75	149	163861	29.47	ng/ul	100
88) Benzo(b)fluoranthene	23.88	252	181425	34.48	ng/ul	97
89) Benzo(k)fluoranthene	23.88	252	181425	35.10	ng/ul	98
91) Benzo(a)pyrene	24.75	252	108260	21.19	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.63	276	56921	9.81	ng/ul#	76
93) Dibenzo(a,h)anthracene	28.63	278	244668	49.54	ng/ul#	96
94) Benzo(g,h,i)perylene	29.72	276	124625	26.11	ng/ul	98

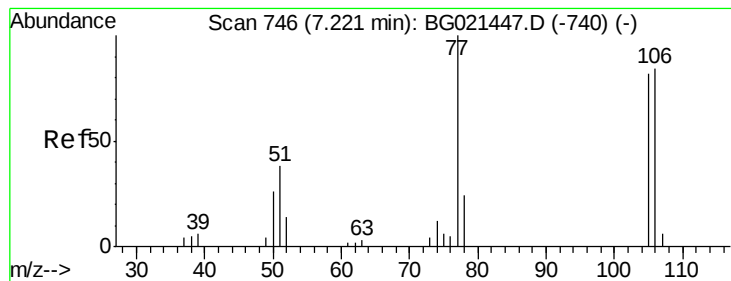
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.86 ng/ul

RT: 7.22 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

A4T15

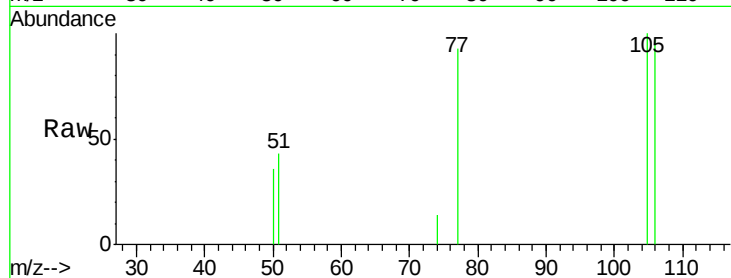
Tgt Ion: 77 Resp: 1648

Ion Ratio Lower Upper

77 100

105 107.2 68.5 102.7#

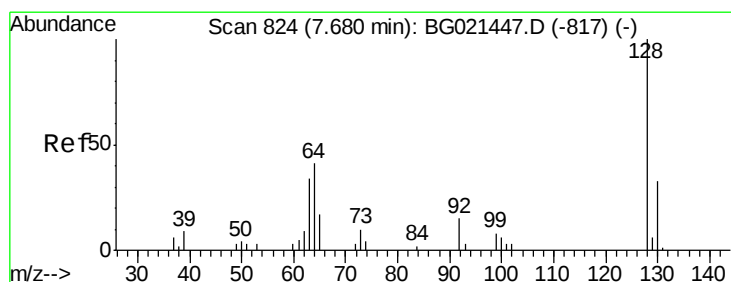
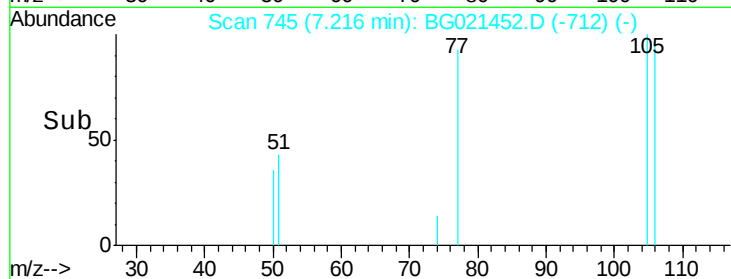
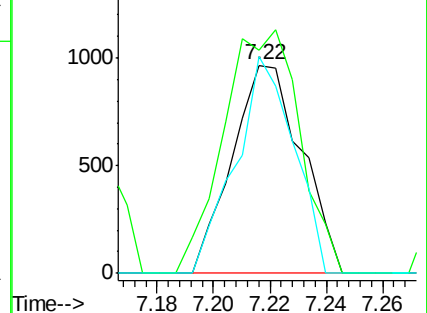
106 103.9 65.0 97.4#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

2-Chlorophenol

Concen: 40.58 ng/ul

RT: 7.67 min Scan# 823

Delta R.T. -0.01 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

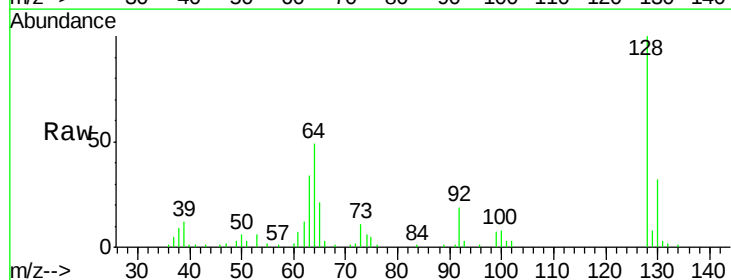
Tgt Ion: 128 Resp: 29966

Ion Ratio Lower Upper

128 100

64 48.5 47.0 70.6

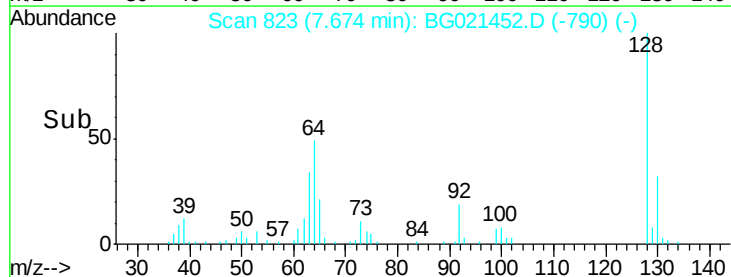
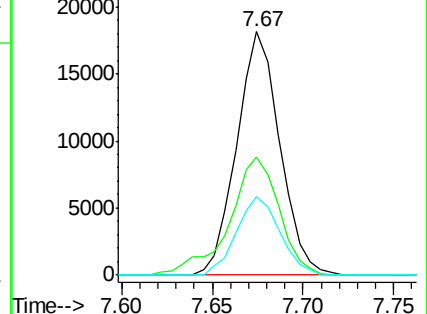
130 32.5 27.8 41.6

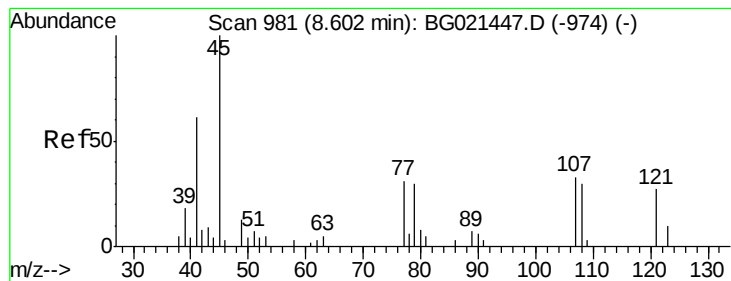


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): BGC





#12

2,2'-oxybis(1-Chloropropane)

Concen: 52.76 ng/ul

RT: 8.60 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

A4T15

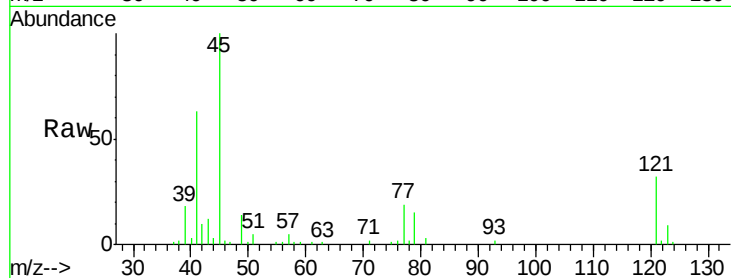
Tgt Ion: 45 Resp: 46082

Ion Ratio Lower Upper

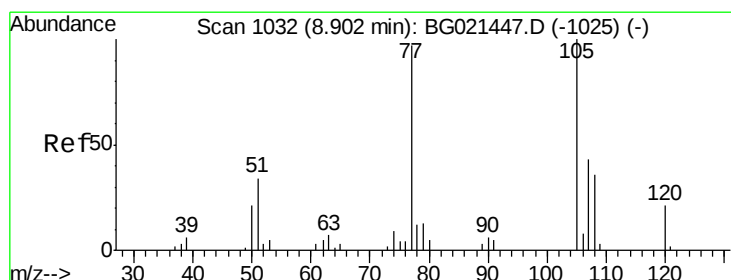
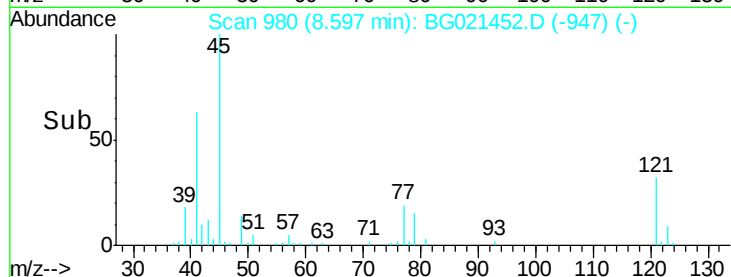
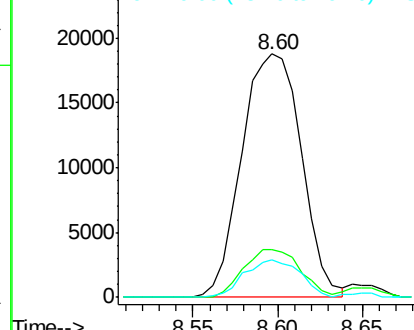
45 100

77 19.4 12.2 18.4#

79 15.2 9.2 13.8#



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



#14

Acetophenone

Concen: 38.57 ng/ul

RT: 8.90 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

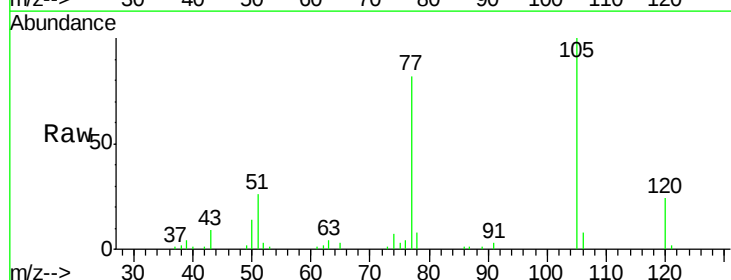
Tgt Ion: 105 Resp: 50996

Ion Ratio Lower Upper

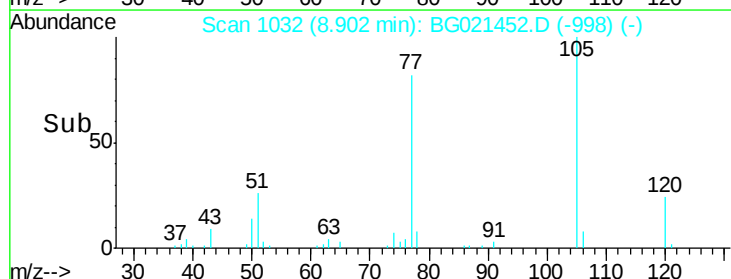
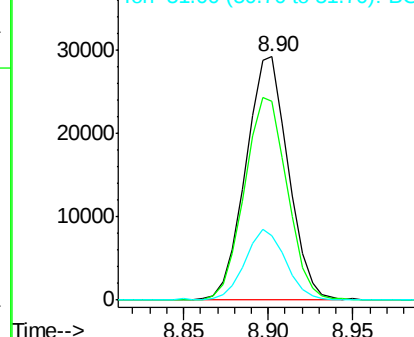
105 100

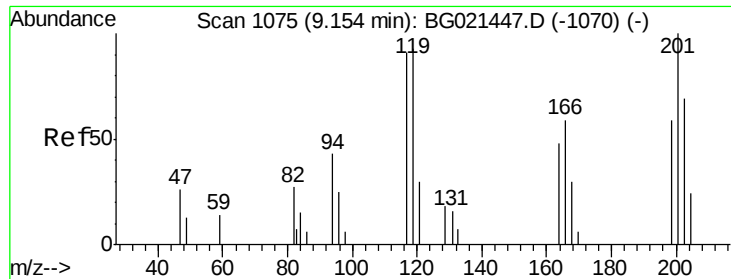
77 81.8 76.3 114.5

51 26.3 27.6 41.4#



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

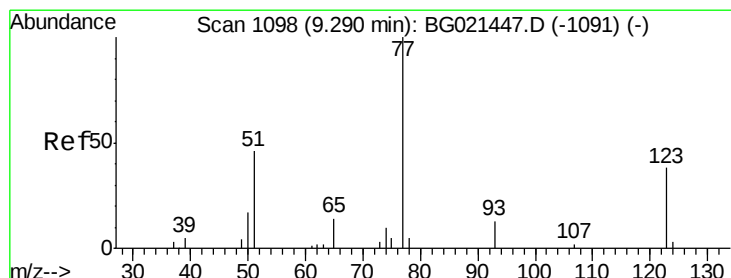
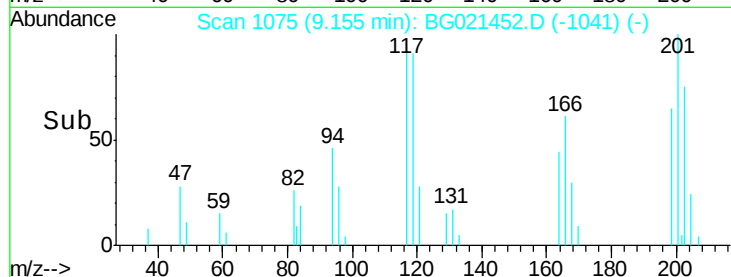
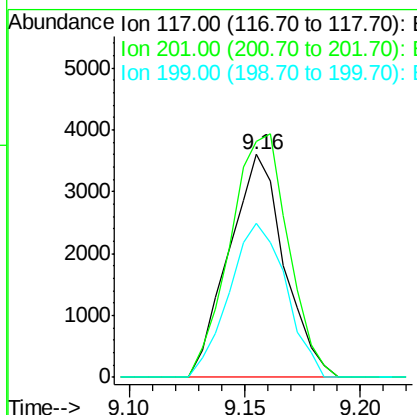
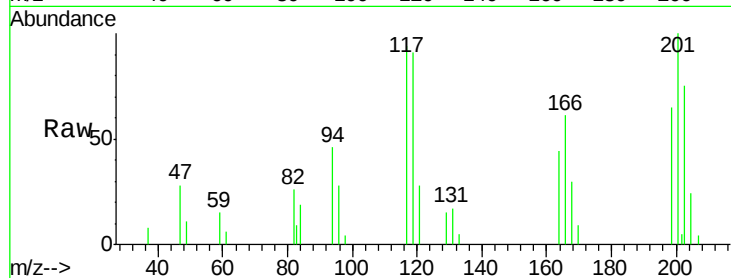




#17
 Hexachloroethane
 Concen: 19.35 ng/ul
 RT: 9.16 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

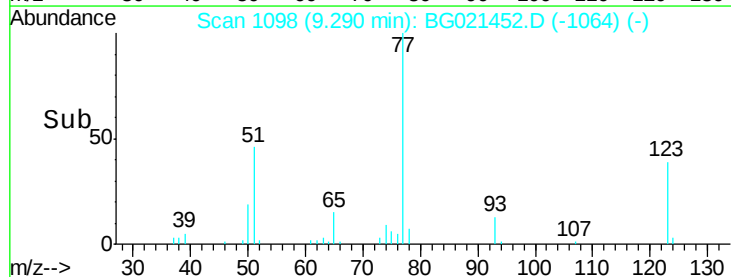
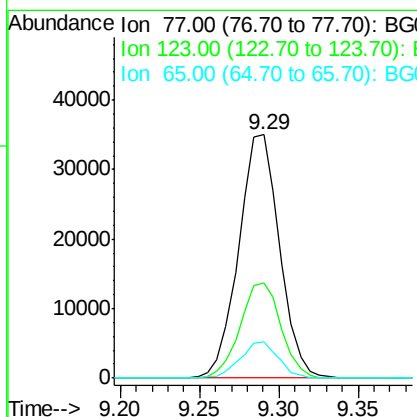
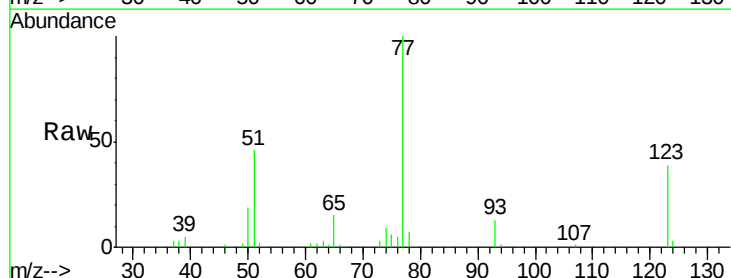
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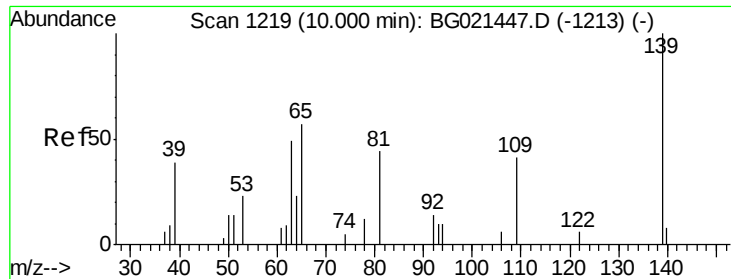
Tgt Ion: 117 Resp: 5996
 Ion Ratio Lower Upper
 117 100
 201 111.3 83.5 125.3
 199 69.0 49.3 73.9



#20
 Nitrobenzene
 Concen: 64.85 ng/ul
 RT: 9.29 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Tgt Ion: 77 Resp: 62455
 Ion Ratio Lower Upper
 77 100
 123 38.9 28.4 42.6
 65 14.8 11.0 16.6

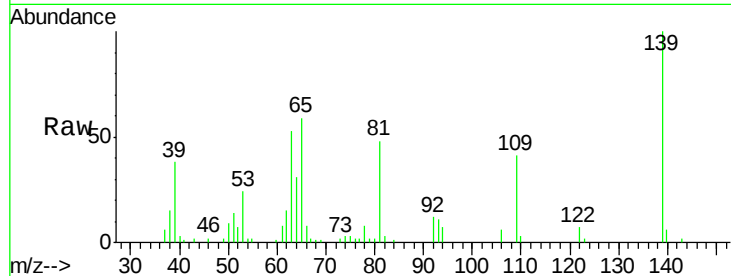




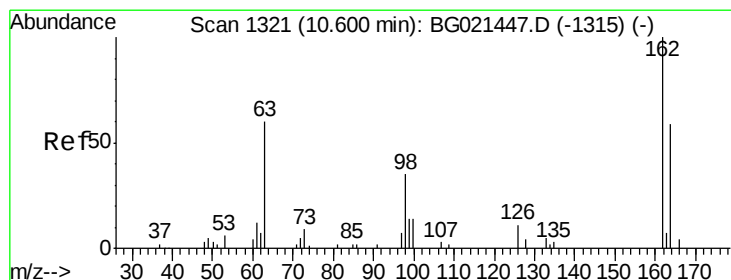
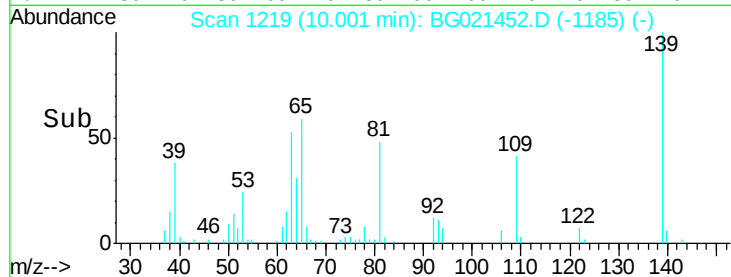
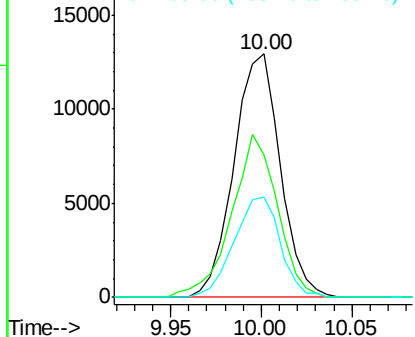
#23
 2-Nitrophenol
 Concen: 53.34 ng/ul
 RT: 10.00 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Instrument :
 BNA_G
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Tgt Ion:139 Resp: 22948
 Ion Ratio Lower Upper
 139 100
 65 58.8 55.0 82.4
 109 41.1 31.4 47.2

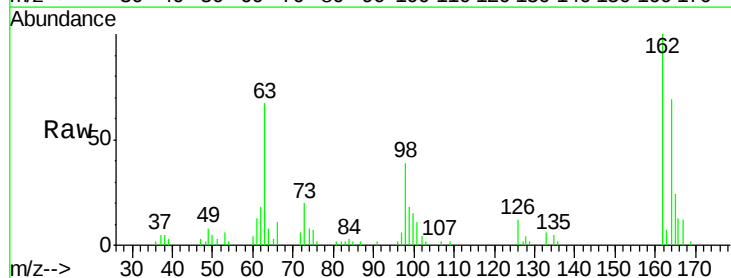


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 109.00 (108.70 to 109.70): E

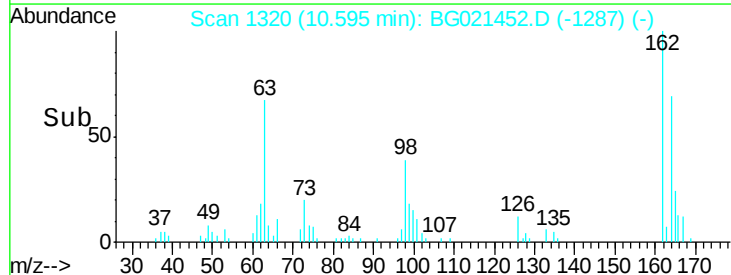
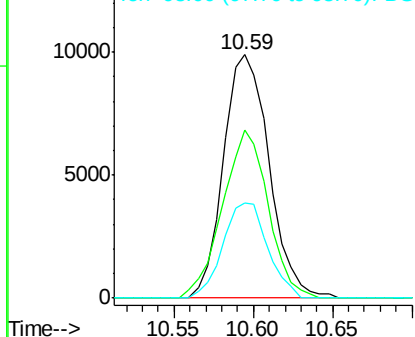


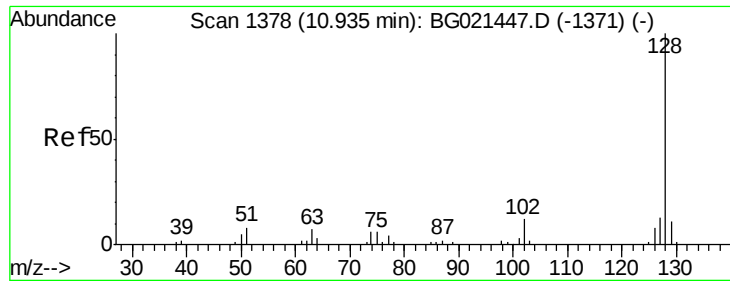
#27
 2,4-Dichlorophenol
 Concen: 27.29 ng/ul
 RT: 10.59 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Tgt Ion:162 Resp: 19745
 Ion Ratio Lower Upper
 162 100
 164 69.0 50.3 75.5
 98 38.9 30.8 46.2



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): BG





#28

Naphthalene

Concen: 17.89 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BG021452.D

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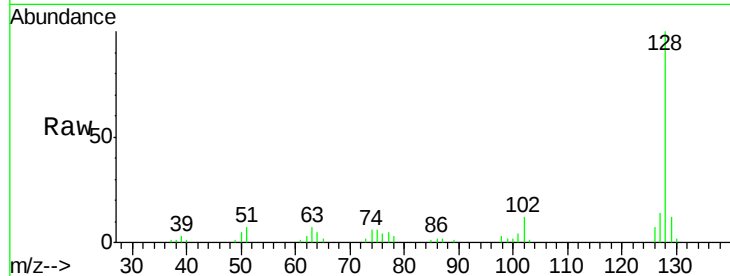
Tgt Ion:128 Resp: 43114

Ion Ratio Lower Upper

128 100

129 12.1 8.3 12.5

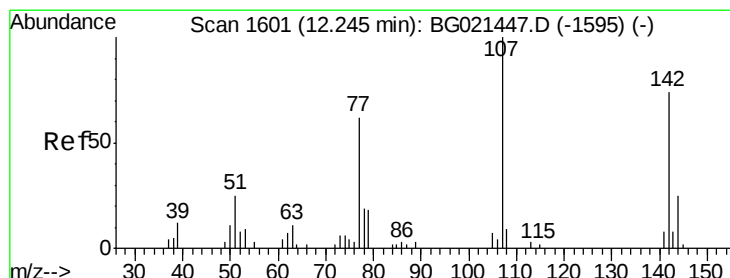
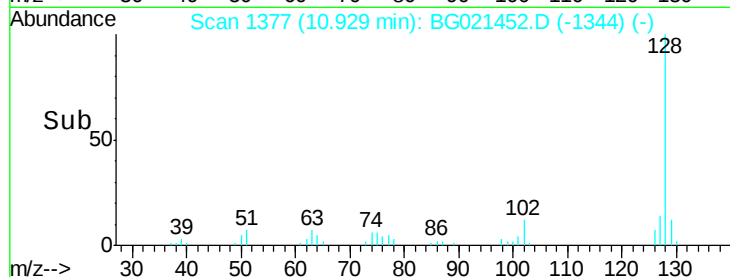
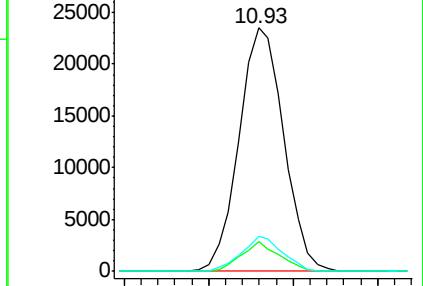
127 14.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloro-3-methylphenol

Concen: 53.97 ng/ul

RT: 12.23 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

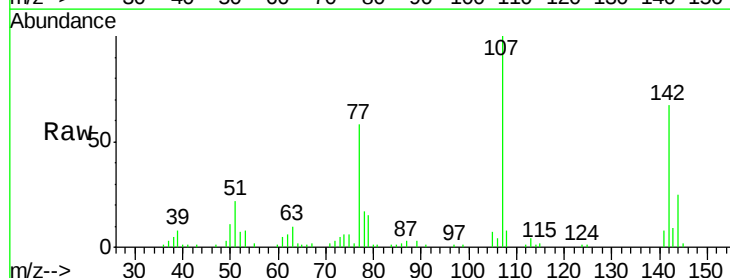
Tgt Ion:107 Resp: 47687

Ion Ratio Lower Upper

107 100

144 25.0 17.2 25.8

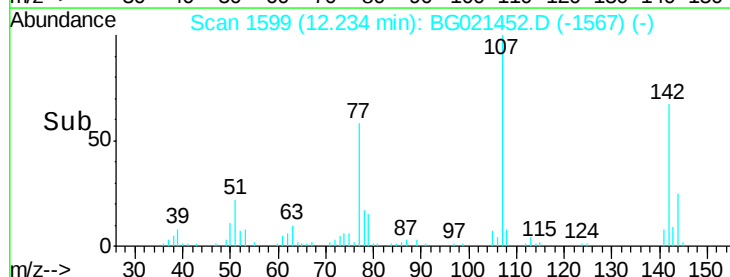
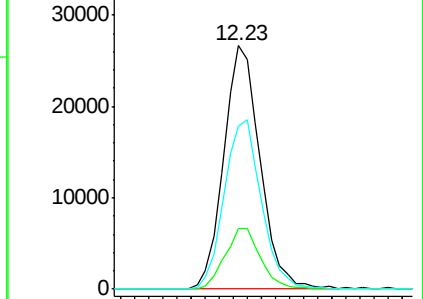
142 66.9 52.0 78.0

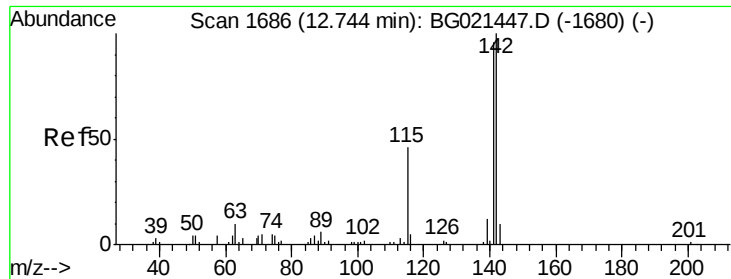


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

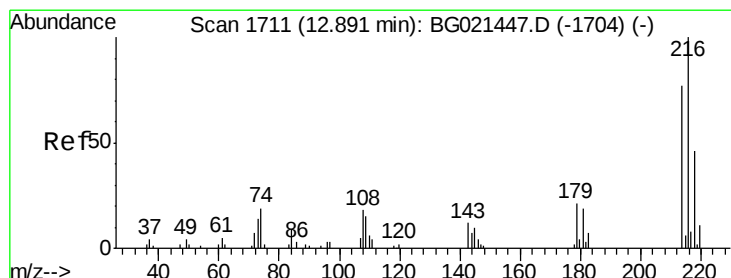
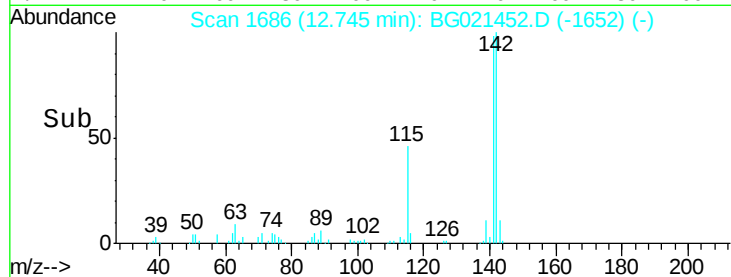
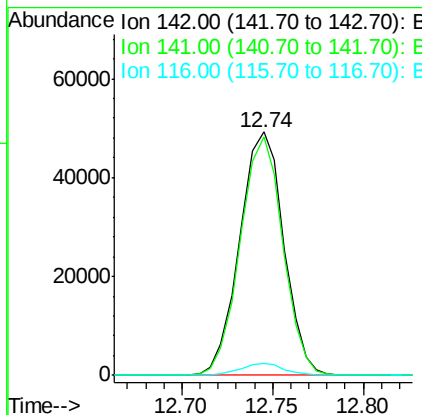
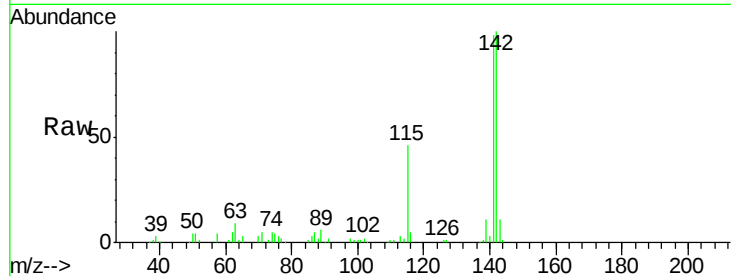




#35
1-Methylnaphthalene
Concen: 47.90 ng/ul
RT: 12.74 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

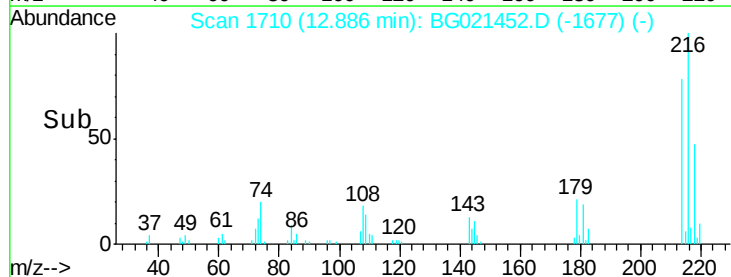
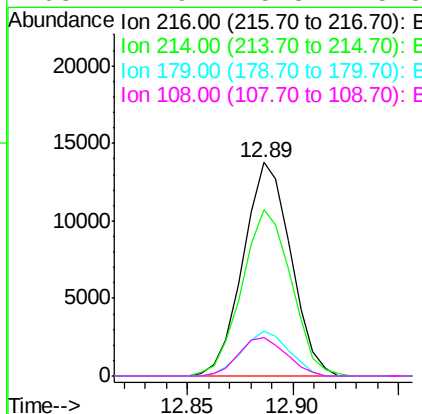
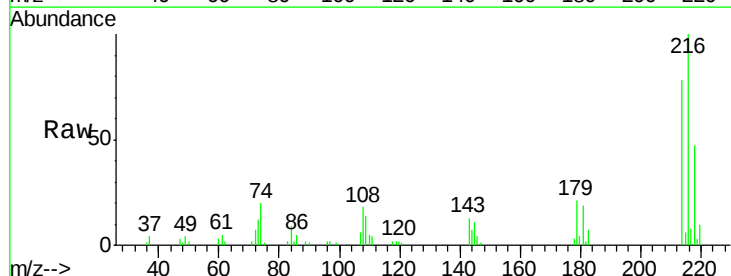
Instrument :
BNA_G
ClientSampleId :
A4T15

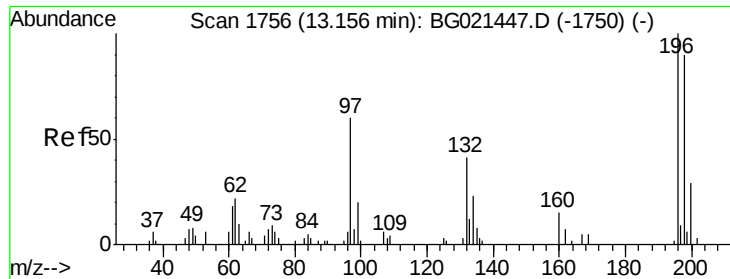
Tgt Ion:142 Resp: 83122
Ion Ratio Lower Upper
142 100
141 97.7 77.0 115.4
116 5.0 4.2 6.4



#37
1,2,4,5-Tetrachlorobenzene
Concen: 21.37 ng/ul
RT: 12.89 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Tgt Ion:216 Resp: 21583
Ion Ratio Lower Upper
216 100
214 77.8 57.8 86.8
179 21.1 19.5 29.3
108 17.9 15.8 23.8

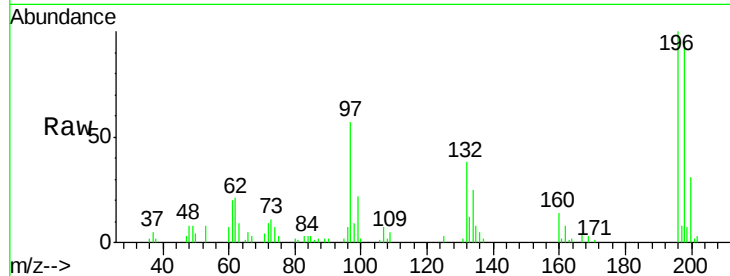




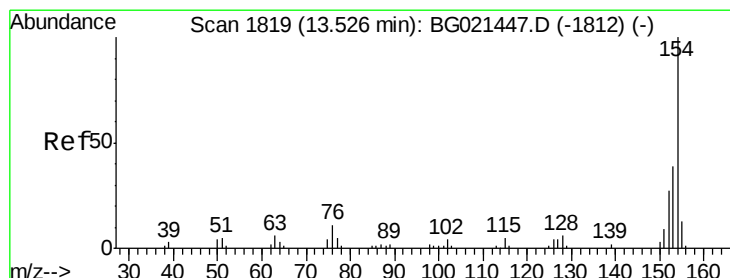
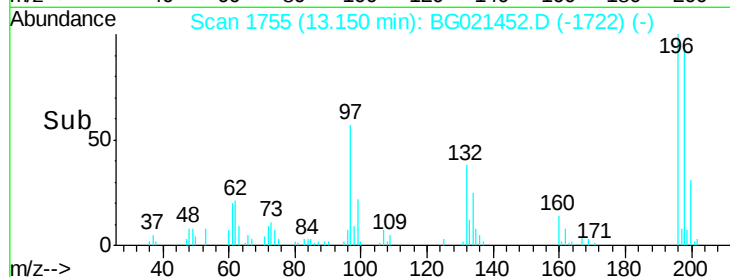
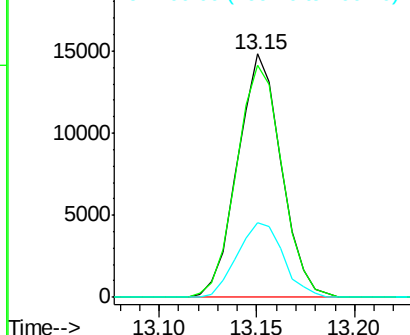
#39
 2,4,6-Trichlorophenol
 Concen: 38.74 ng/ul
 RT: 13.15 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Instrument :
 BNA_G
 ClientSampled :
 A4T15

Tgt Ion:196 Resp: 23003
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.3 111.5
 200 30.5 22.8 34.2

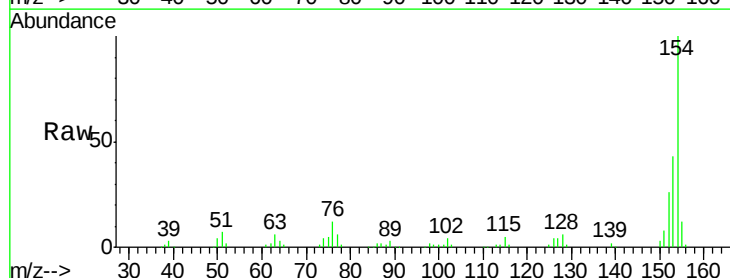


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

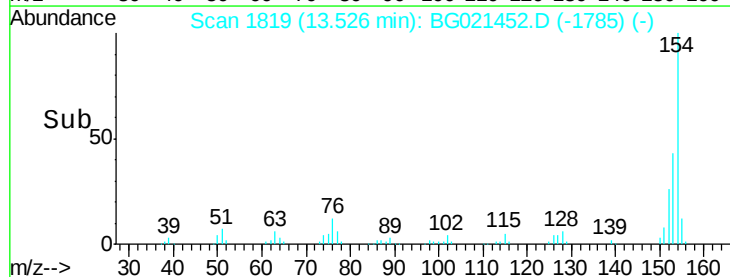
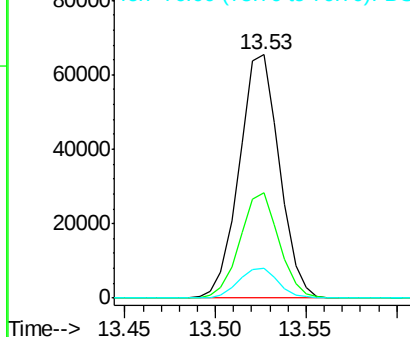


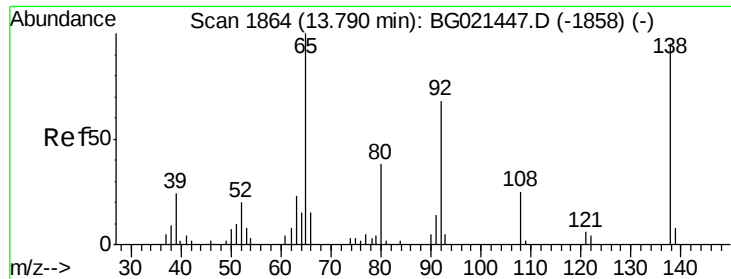
#41
 1,1'-Biphenyl
 Concen: 42.66 ng/ul
 RT: 13.53 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Tgt Ion:154 Resp: 100694
 Ion Ratio Lower Upper
 154 100
 153 43.1 35.4 53.2
 76 12.3 12.1 18.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

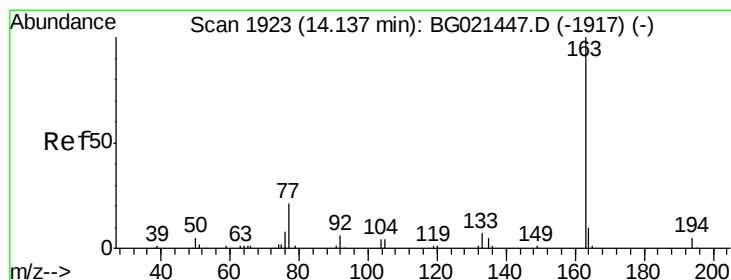
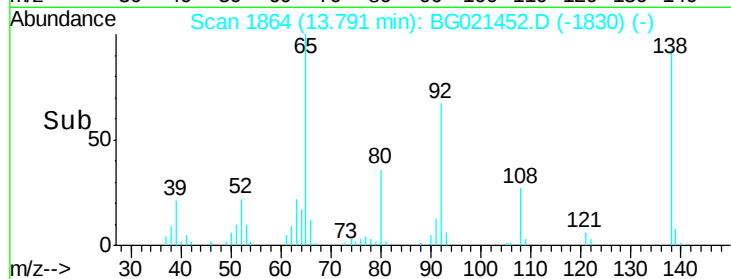
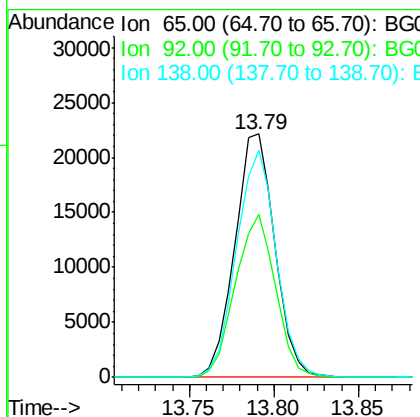
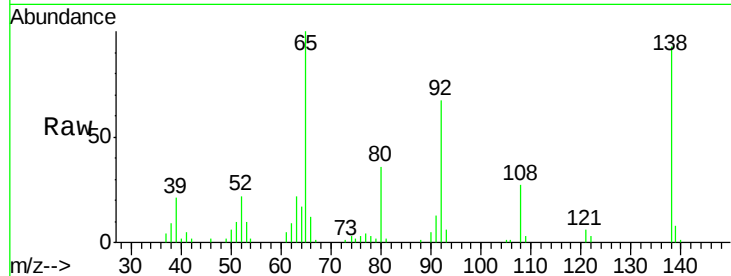




#43
2-Nitroaniline
Concen: 56.60 ng/ul
RT: 13.79 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

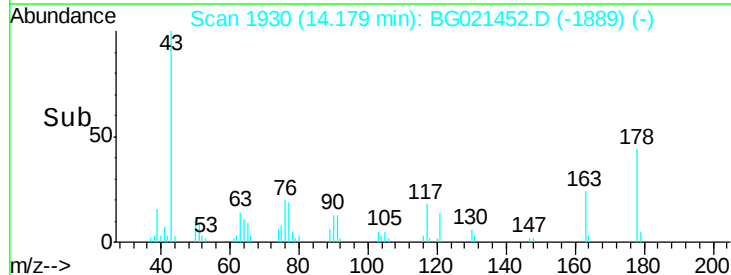
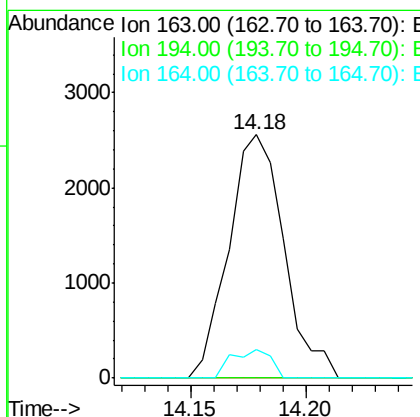
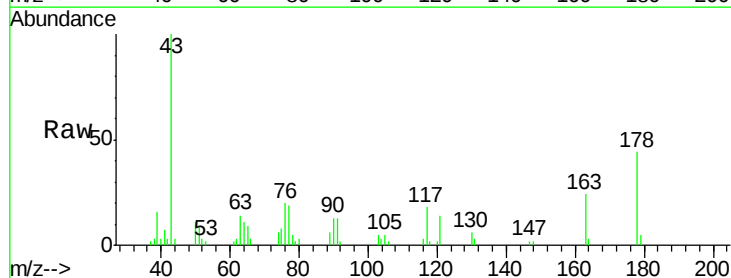
Instrument :
BNA_G
ClientSampleId :
A4T15

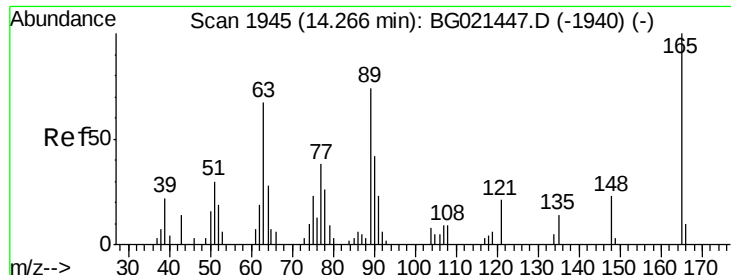
Tgt Ion: 65 Resp: 36439
Ion Ratio Lower Upper
65 100
92 67.1 48.5 72.7
138 93.5 59.8 89.6#



#45
Dimethylphthalate
Concen: 1.70 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. 0.04 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Tgt Ion: 163 Resp: 4254
Ion Ratio Lower Upper
163 100
194 0.0 3.9 5.9#
164 11.6 8.7 13.1

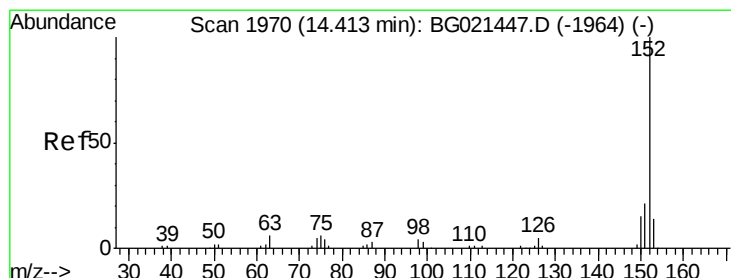
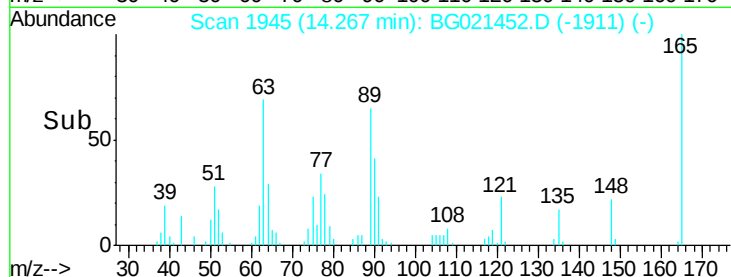
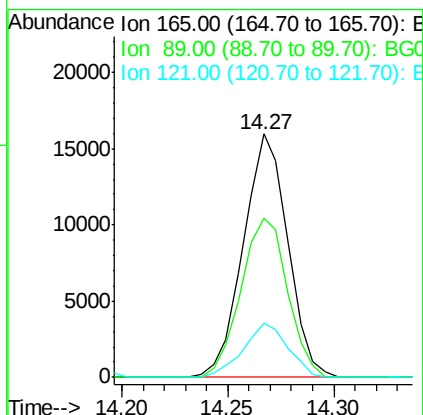
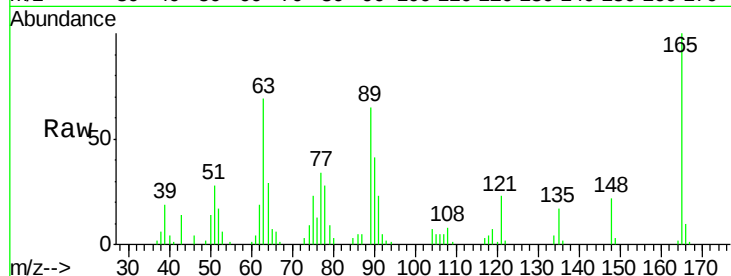




#46
2,6-Dinitrotoluene
Concen: 45.82 ng/ul
RT: 14.27 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

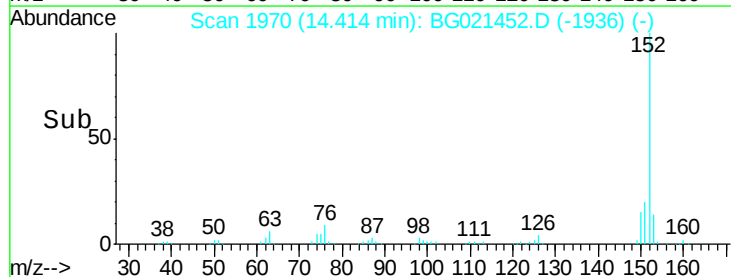
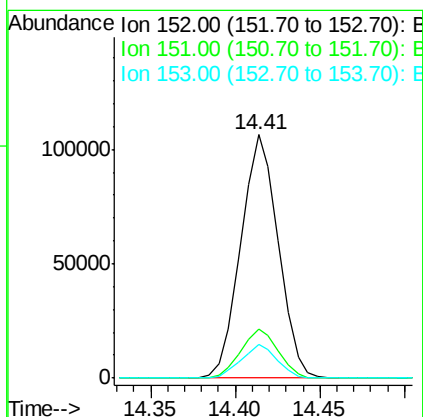
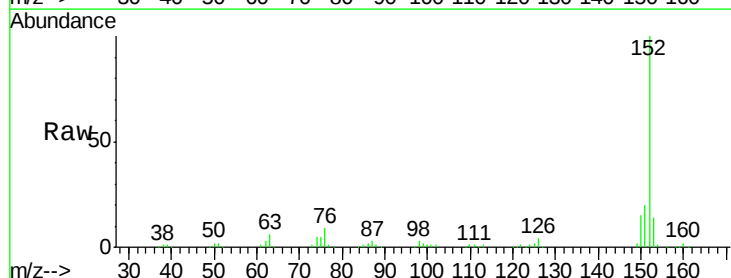
Instrument :
BNA_G
ClientSampleId :
A4T15

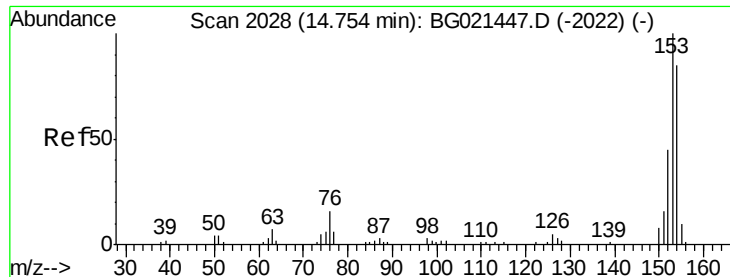
Tgt Ion:165 Resp: 23339
Ion Ratio Lower Upper
165 100
89 65.3 64.6 96.8
121 22.5 20.4 30.6



#48
Acenaphthylene
Concen: 56.08 ng/ul
RT: 14.41 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Tgt Ion:152 Resp: 164538
Ion Ratio Lower Upper
152 100
151 20.3 17.3 25.9
153 14.0 11.1 16.7





#50

Acenaphthene

Concen: 4.71 ng/ul

RT: 14.75 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

A4T15

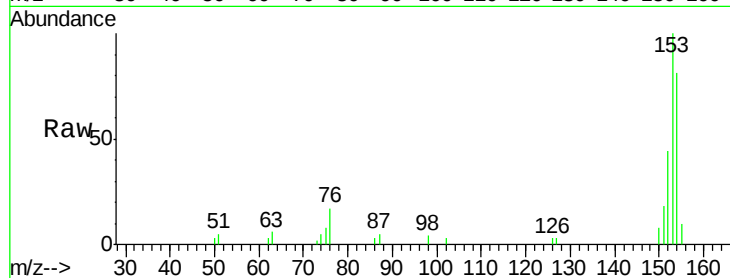
Tgt Ion:153 Resp: 9530

Ion Ratio Lower Upper

153 100

152 44.2 36.5 54.7

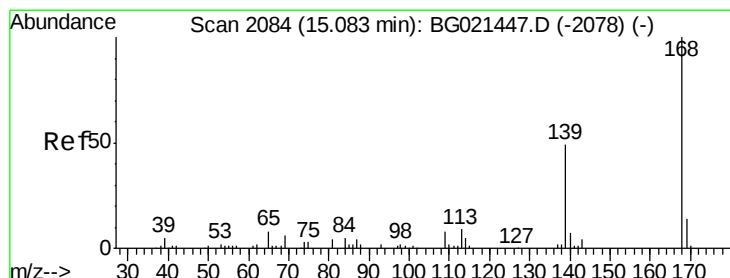
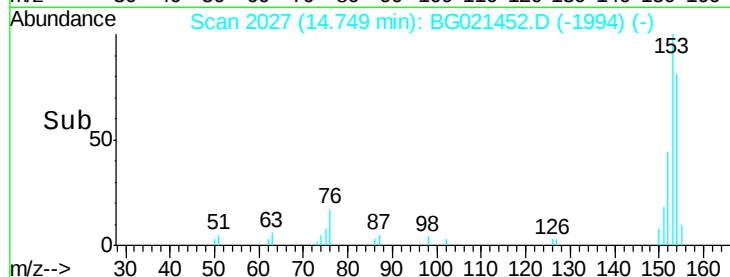
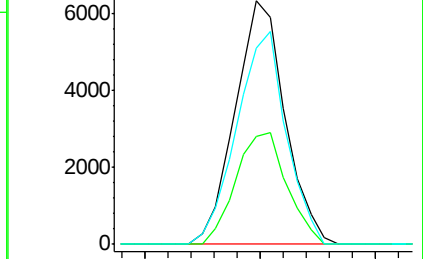
154 80.6 67.3 100.9



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 21.39 ng/ul

RT: 15.08 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BG021452.D

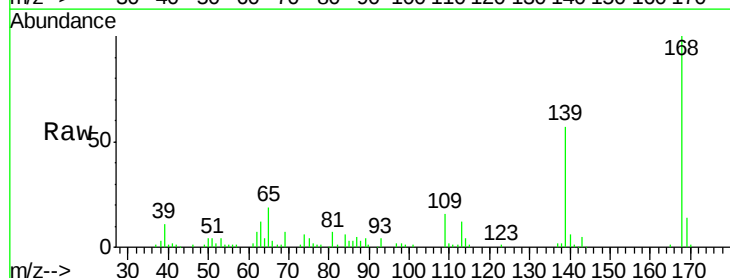
Acq: 21 Mar 2016 20:25

Tgt Ion:168 Resp: 60633

Ion Ratio Lower Upper

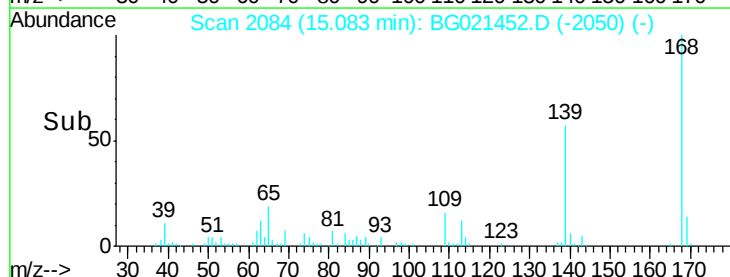
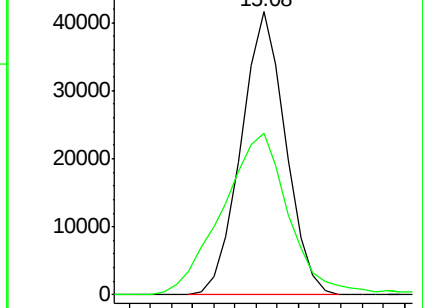
168 100

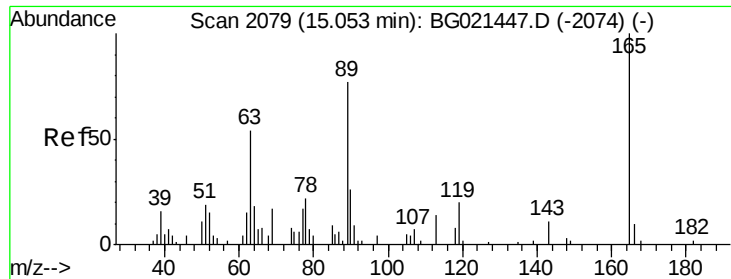
139 57.3 35.2 52.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

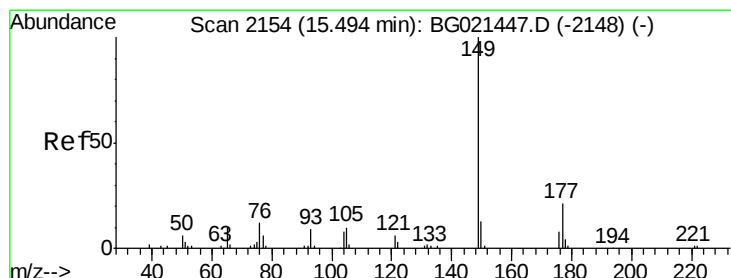
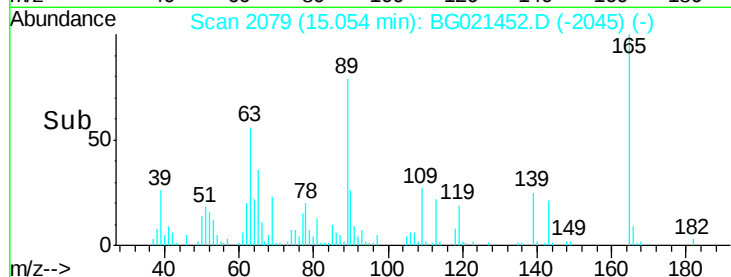
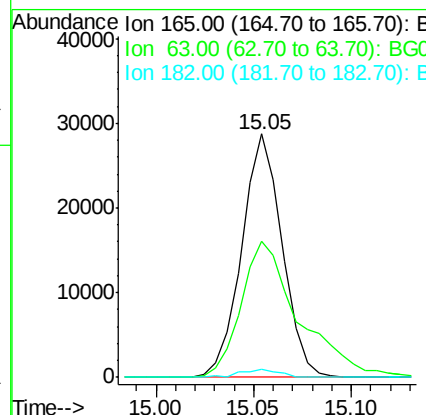
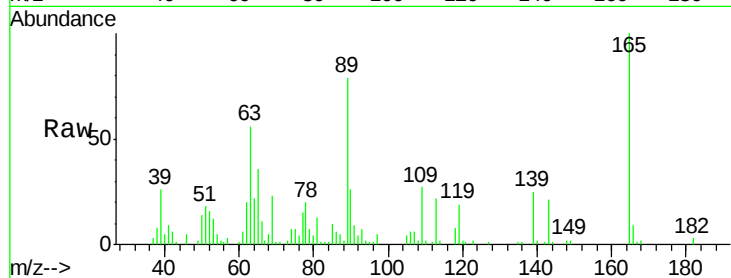




#55
2,4-Dinitrotoluene
Concen: 55.00 ng/ul
RT: 15.05 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

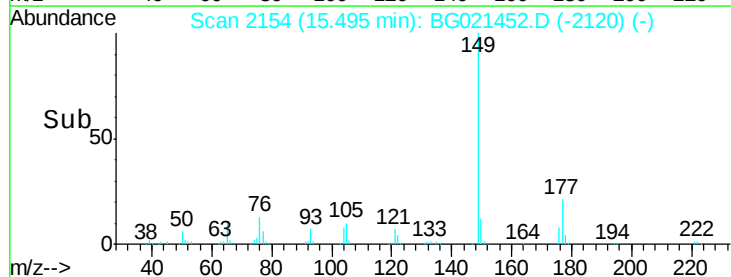
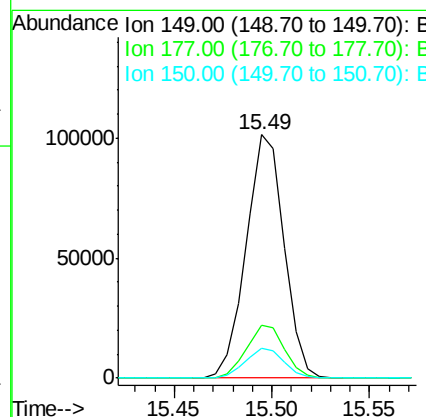
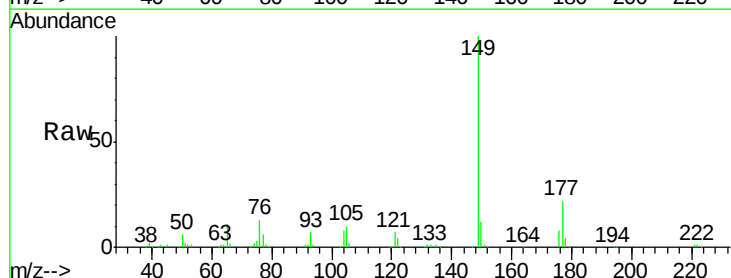
Instrument :
BNA_G
ClientSampleId :
A4T15

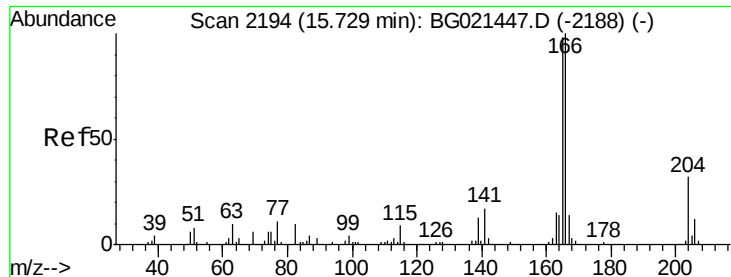
Tgt Ion:165 Resp: 41074
Ion Ratio Lower Upper
165 100
63 55.8 48.1 72.1
182 3.5 2.2 3.2#



#57
Diethylphthalate
Concen: 51.15 ng/ul
RT: 15.49 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Tgt Ion:149 Resp: 136439
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.2
150 12.4 10.2 15.2





#59

Fluorene

Concen: 8.51 ng/ul

RT: 15.73 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

A4T15

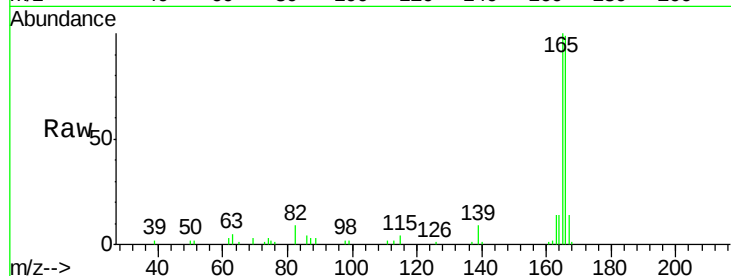
Tgt Ion:166 Resp: 21088

Ion Ratio Lower Upper

166 100

165 100.8 81.1 121.7

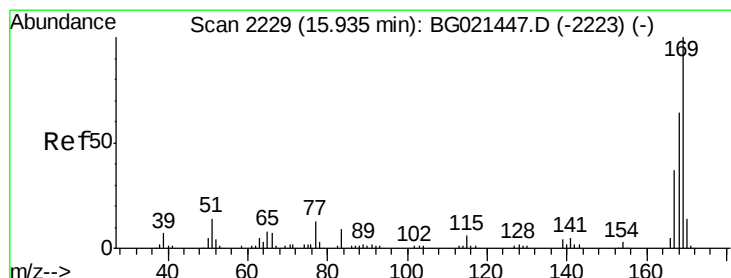
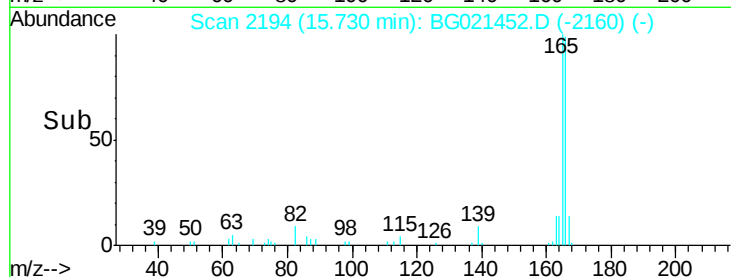
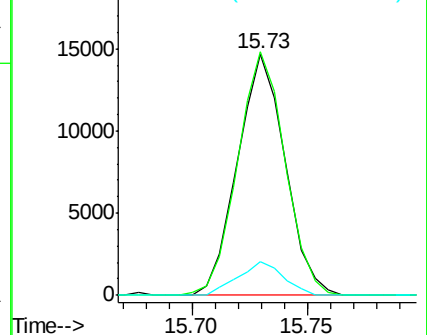
167 13.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#65

N-Nitrosodiphenylamine

Concen: 54.51 ng/ul

RT: 15.94 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

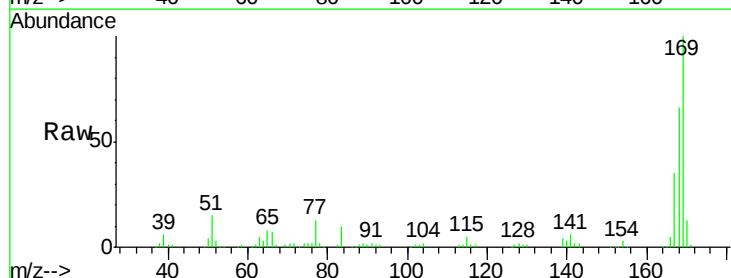
Tgt Ion:169 Resp: 120055

Ion Ratio Lower Upper

169 100

168 66.0 51.2 76.8

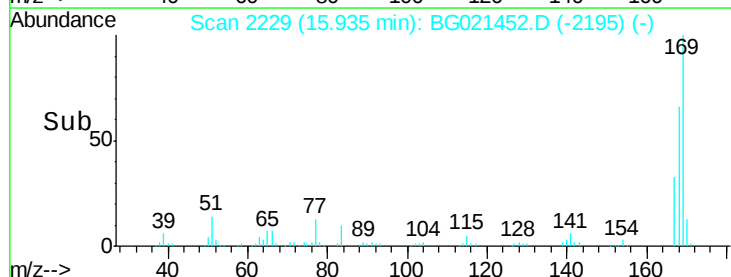
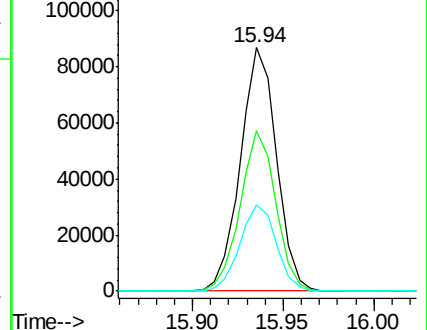
167 35.2 28.6 43.0

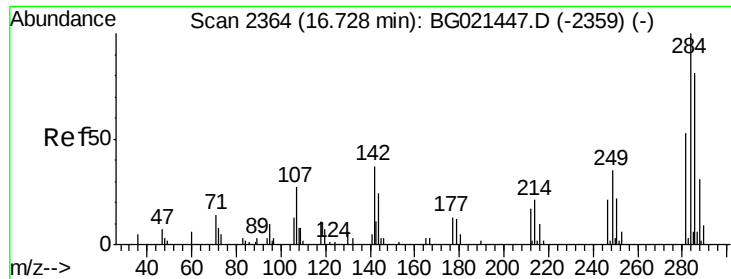


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

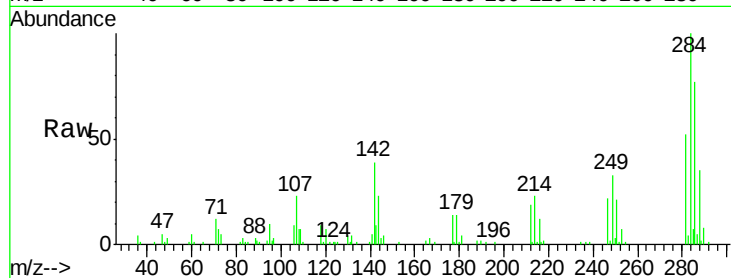




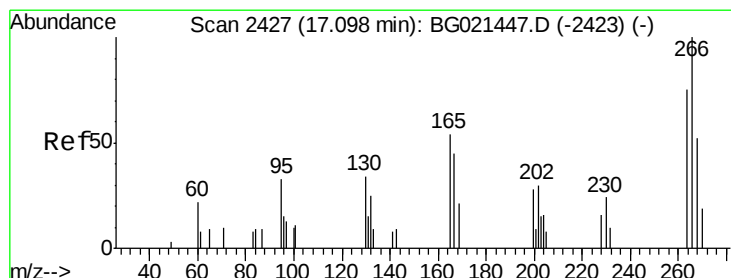
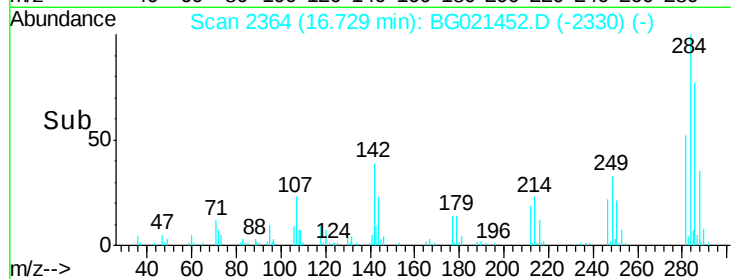
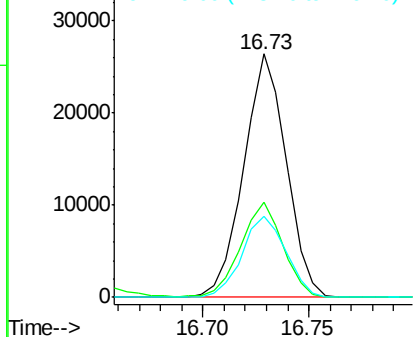
#67
Hexachlorobenzene
Concen: 42.15 ng/ul
RT: 16.73 min Scan# 2364
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
A4T15

Tgt Ion:284 Resp: 36922
Ion Ratio Lower Upper
284 100
142 36.5 33.8 50.6
249 33.7 28.9 43.3

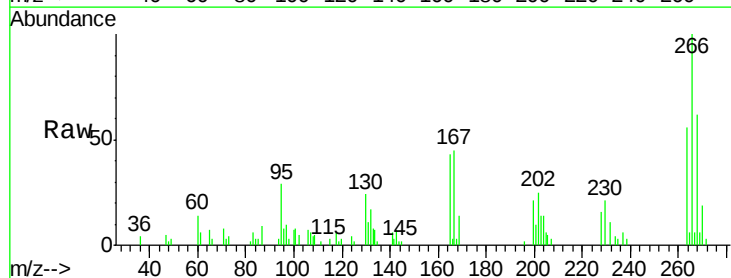


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

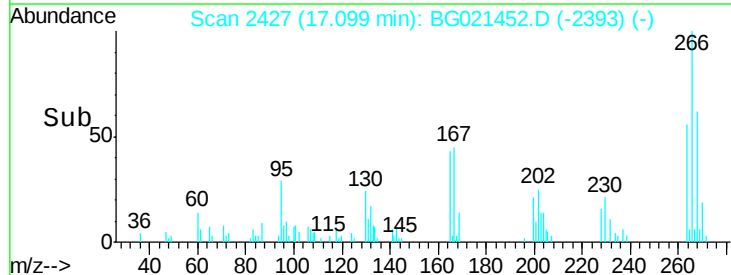
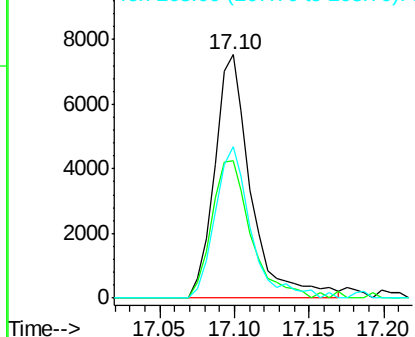


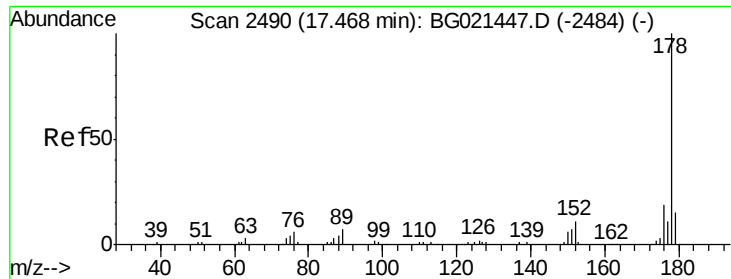
#69
Pentachlorophenol
Concen: 55.09 ng/ul
RT: 17.10 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Tgt Ion:266 Resp: 12761
Ion Ratio Lower Upper
266 100
264 61.9 56.7 85.1
268 68.0 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 33.52 ng/ul

RT: 17.47 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

A4T15

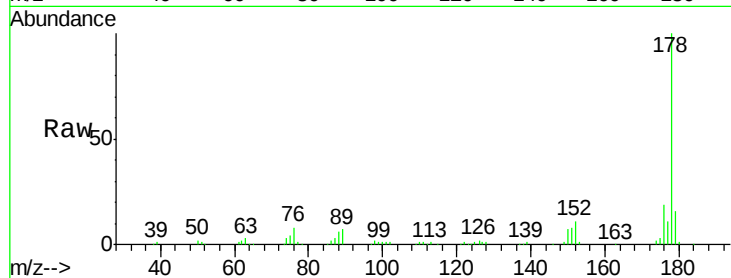
Tgt Ion:178 Resp: 134976

Ion Ratio Lower Upper

178 100

179 15.7 11.8 17.8

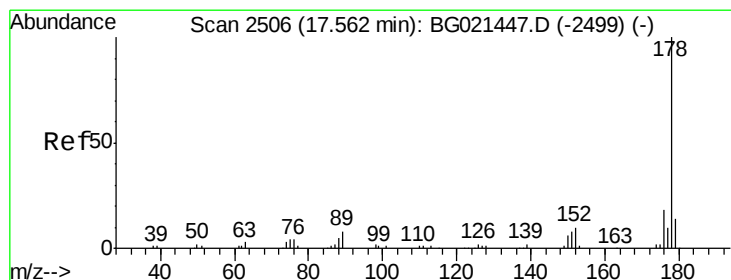
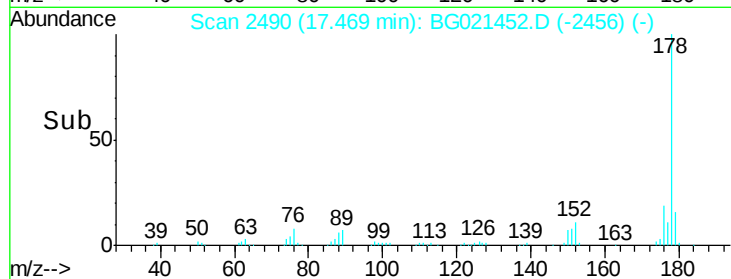
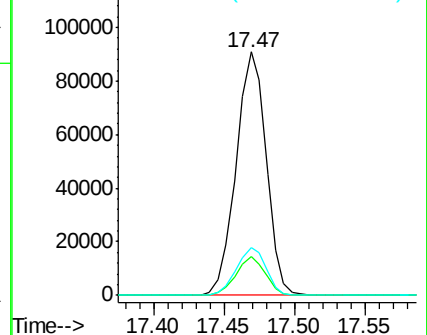
176 19.4 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 32.95 ng/ul

RT: 17.47 min Scan# 2490

Delta R.T. -0.09 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

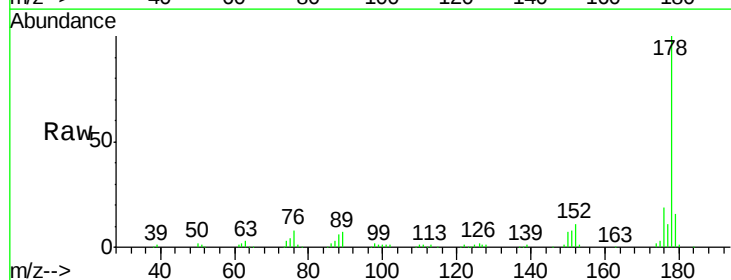
Tgt Ion:178 Resp: 134976

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

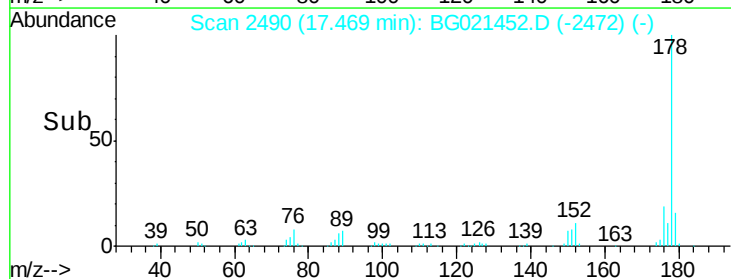
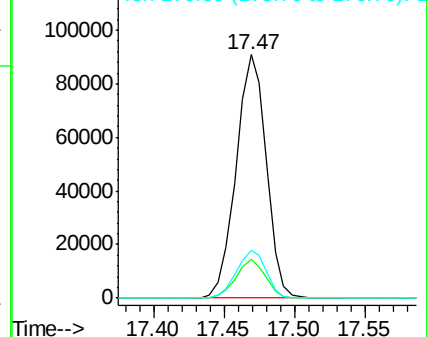
176 19.4 15.6 23.4

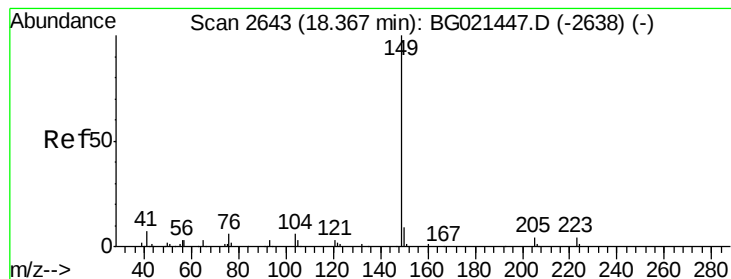


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Di-n-butylphthalate

Concen: 43.89 ng/ul

RT: 18.37 min Scan# 2643

Delta R.T. 0.00 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

A4T15

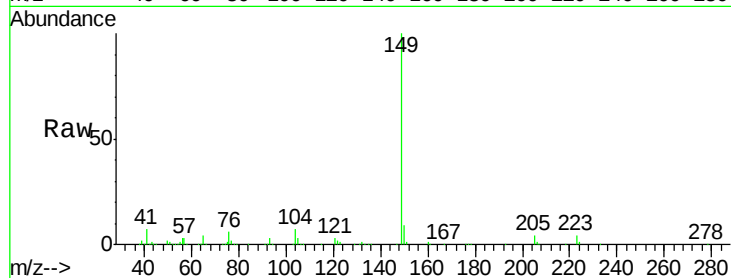
Tgt Ion:149 Resp: 200707

Ion Ratio Lower Upper

149 100

150 8.5 7.5 11.3

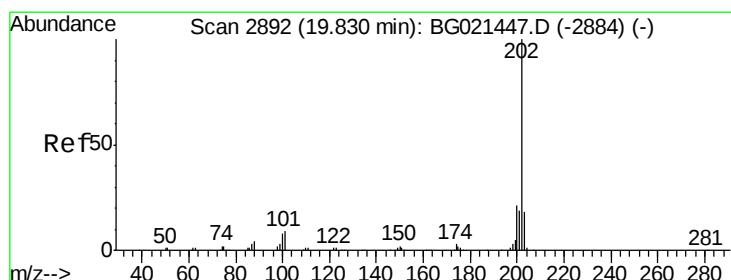
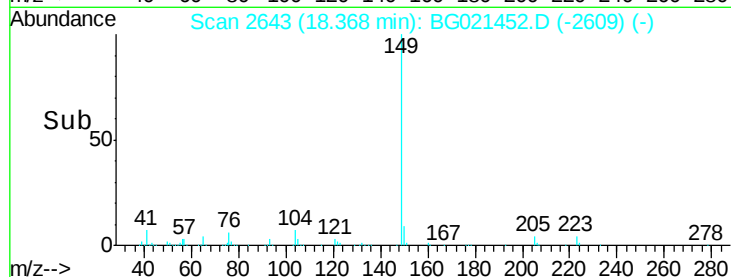
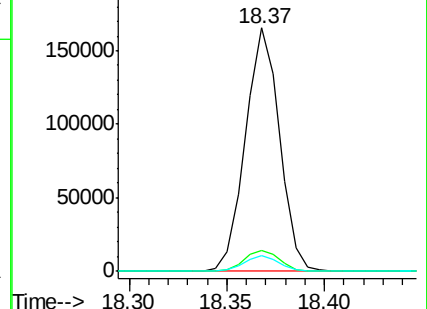
104 6.6 5.4 8.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#80

Pyrene

Concen: 17.17 ng/ul

RT: 19.83 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

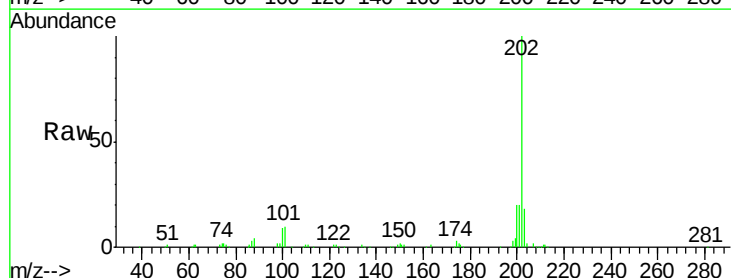
Tgt Ion:202 Resp: 87321

Ion Ratio Lower Upper

202 100

101 9.6 9.8 14.8#

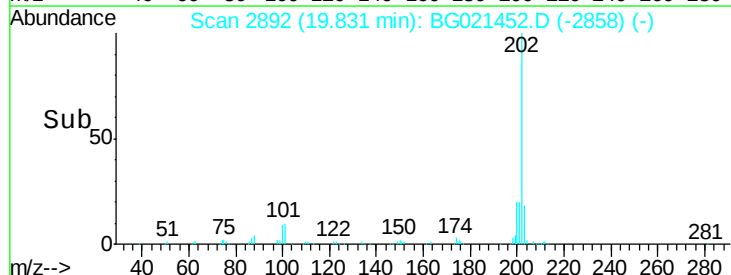
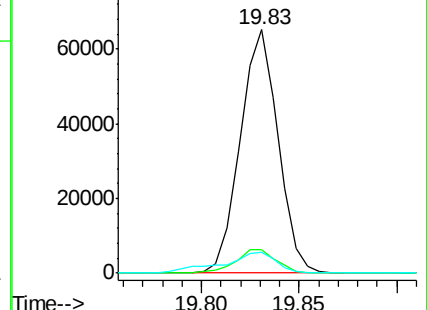
100 8.8 9.3 13.9#

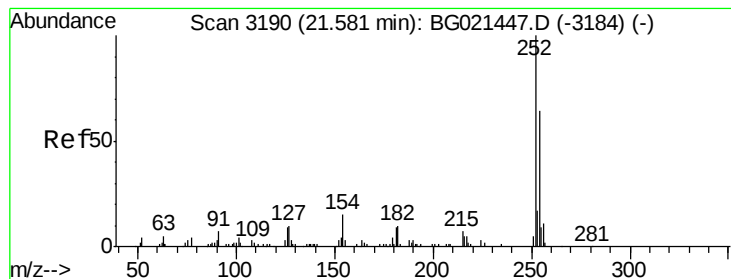


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

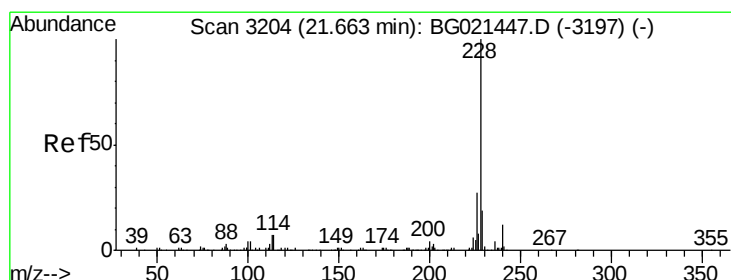
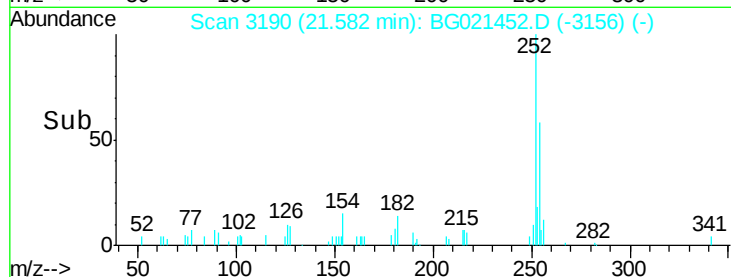
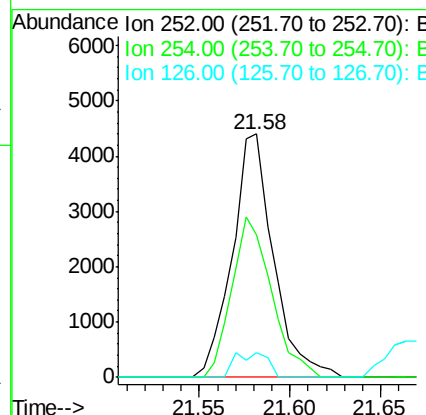
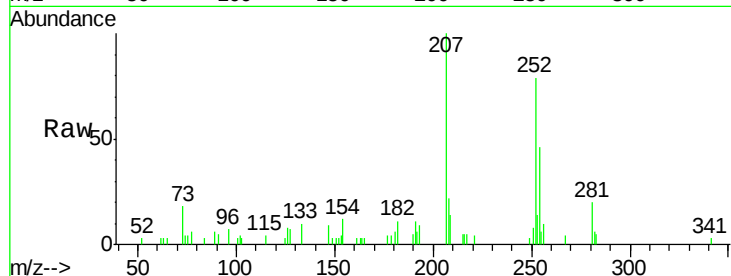




#82
 3,3'-Dichlorobenzidine
 Concen: 3.95 ng/ul
 RT: 21.58 min Scan# 3190
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

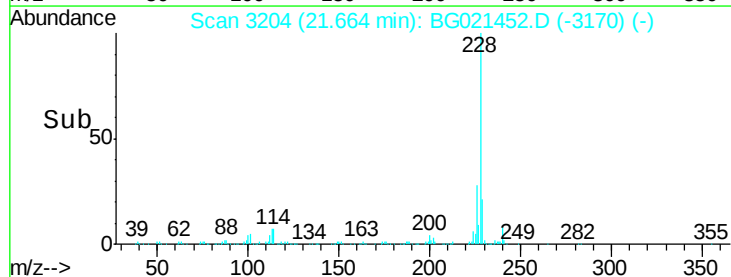
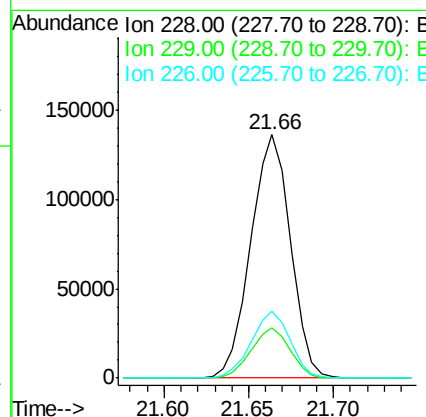
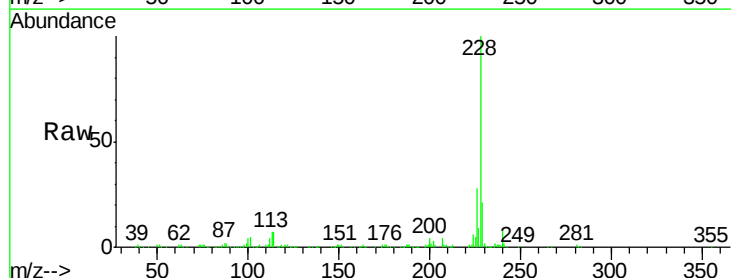
Instrument :
 BNA_G
 ClientSampleId :
 A4T15

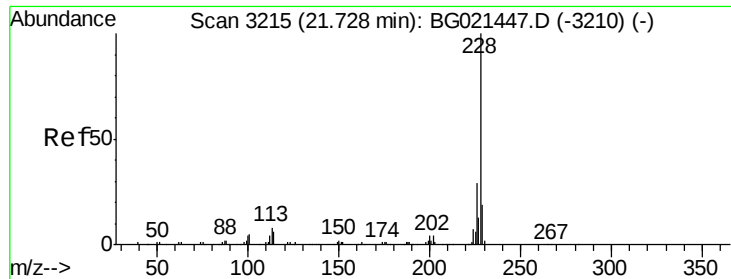
Tgt Ion	Ratio	Lower	Upper
252	100		
254	58.4	52.8	79.2
126	10.3	9.8	14.8



#83
 Benzo(a)anthracene
 Concen: 43.27 ng/ul
 RT: 21.66 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.6	25.0
226	27.5	21.0	31.4





#85

Chrysene

Concen: 45.69 ng/ul

RT: 21.66 min Scan# 3204

Delta R.T. -0.06 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

A4T15

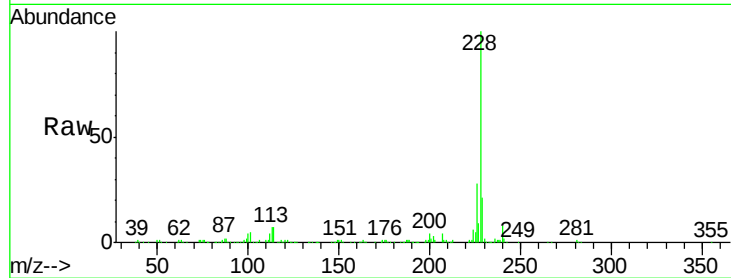
Tgt Ion:228 Resp: 222942

Ion Ratio Lower Upper

228 100

226 27.5 23.4 35.2

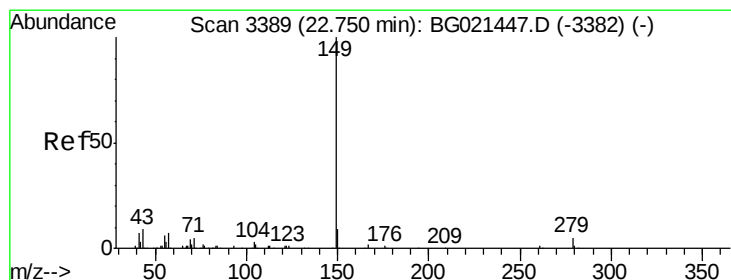
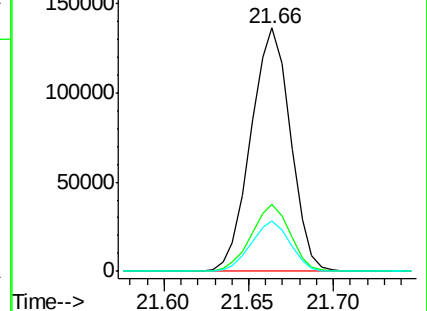
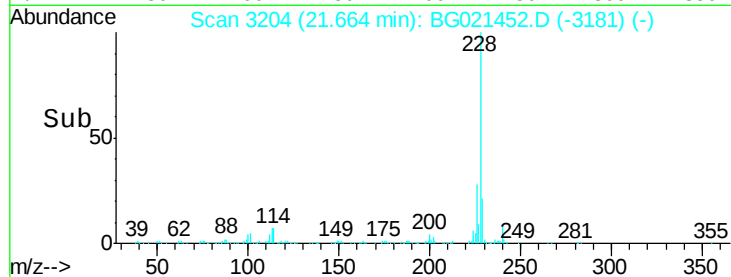
229 20.6 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Di-n-octyl phthalate

Concen: 29.47 ng/ul

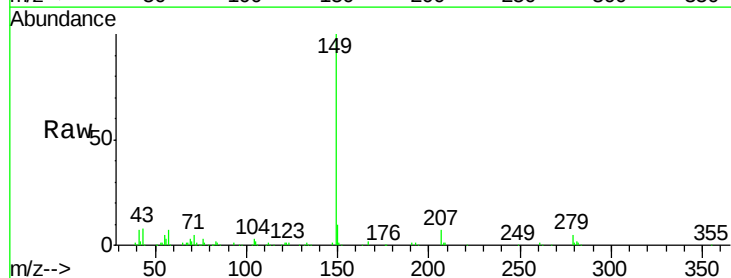
RT: 22.75 min Scan# 3389

Delta R.T. 0.00 min

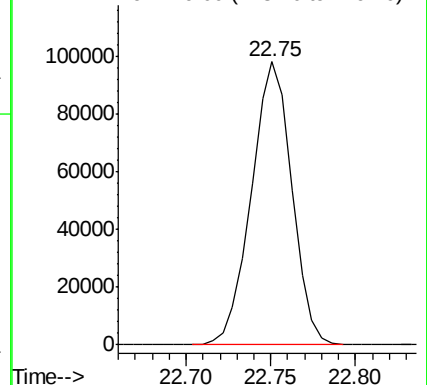
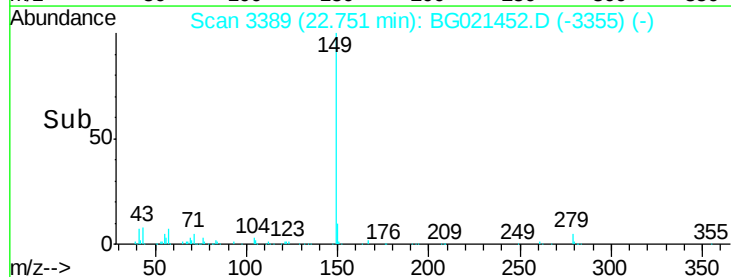
Lab File: BG021452.D

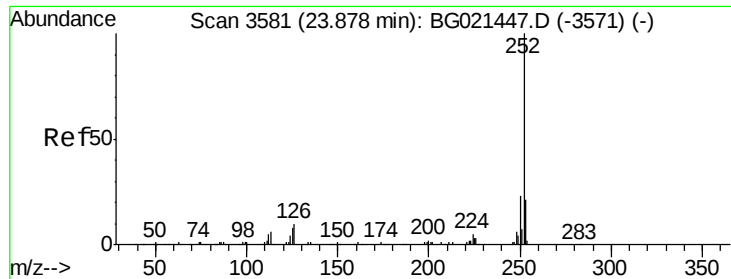
Acq: 21 Mar 2016 20:25

Tgt Ion:149 Resp: 163861



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 34.48 ng/ul

RT: 23.88 min Scan# 3581

Delta R.T. 0.00 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

ClientSampled :

A4T15

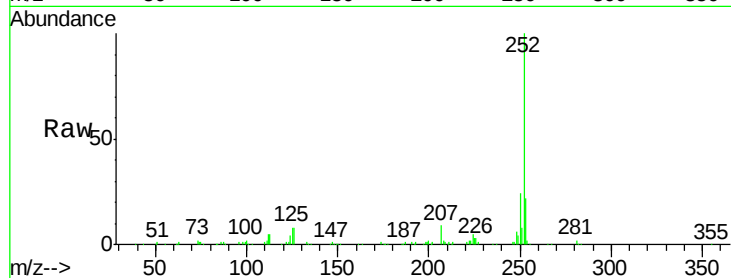
Tgt Ion:252 Resp: 181425

Ion Ratio Lower Upper

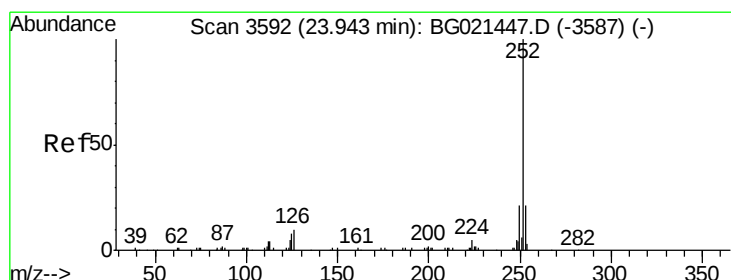
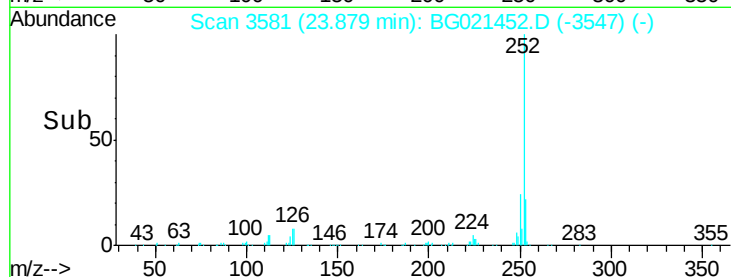
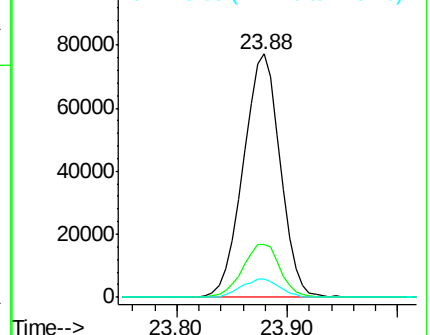
252 100

253 21.7 18.1 27.1

125 7.8 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 35.10 ng/ul

RT: 23.88 min Scan# 3581

Delta R.T. -0.06 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

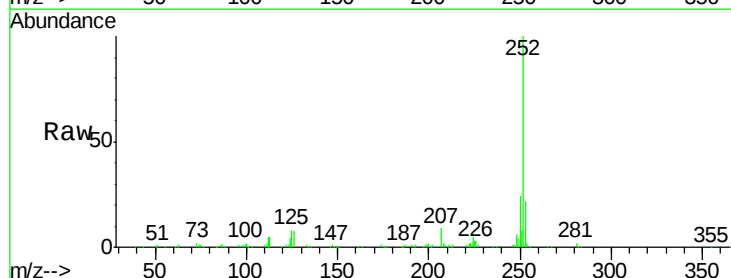
Tgt Ion:252 Resp: 181425

Ion Ratio Lower Upper

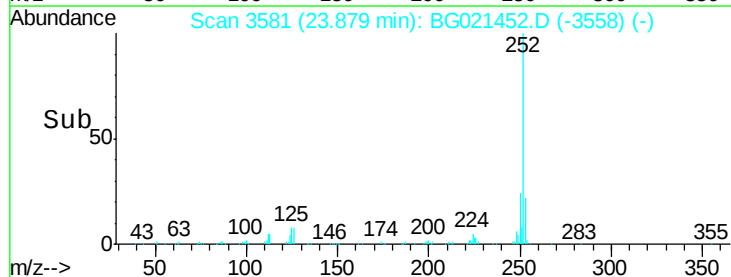
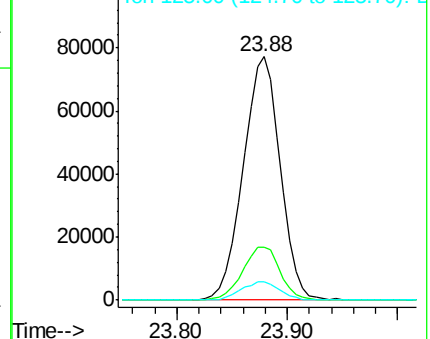
252 100

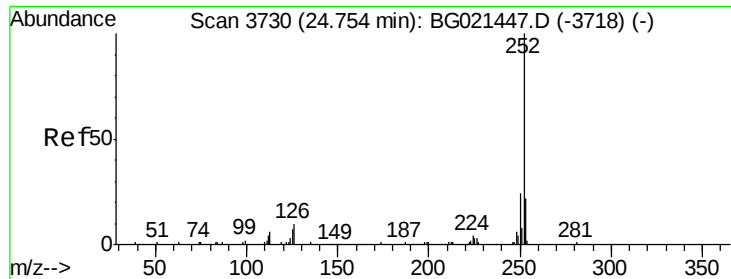
253 21.7 17.8 26.8

125 7.8 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 21.19 ng/u1

RT: 24.75 min Scan# 3730

Delta R.T. 0.00 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

ClientSampled :

A4T15

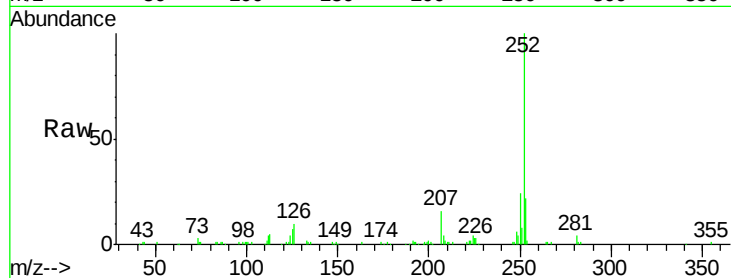
Tgt Ion:252 Resp: 108260

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

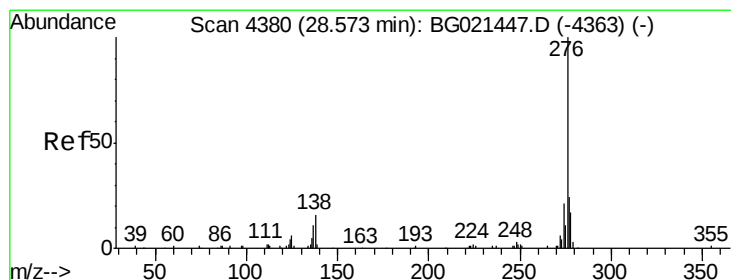
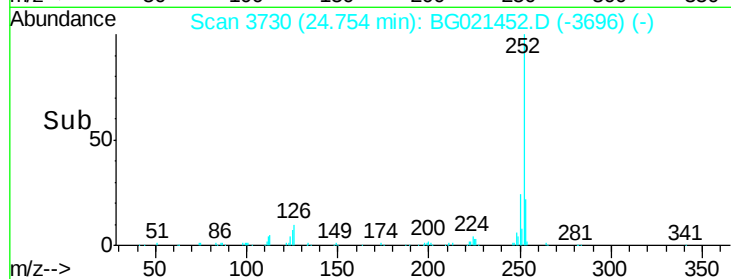
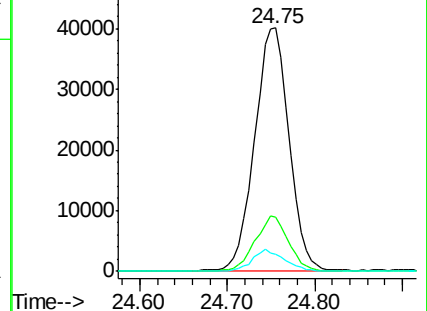
125 7.2 8.2 12.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 9.81 ng/u1

RT: 28.63 min Scan# 4390

Delta R.T. 0.06 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

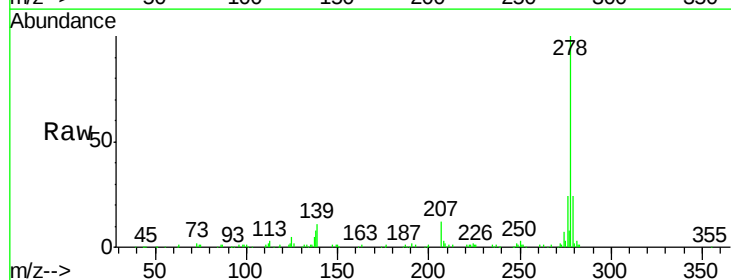
Tgt Ion:276 Resp: 56921

Ion Ratio Lower Upper

276 100

138 32.1 15.8 23.6#

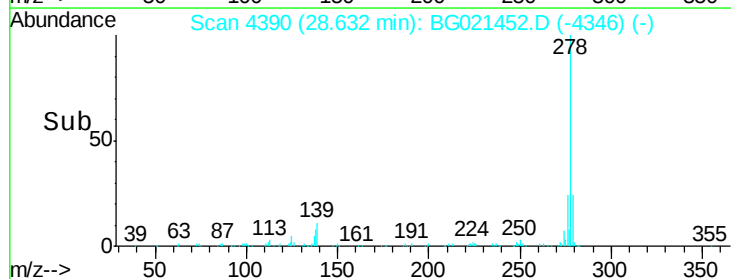
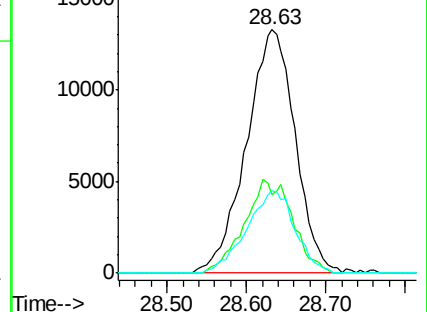
277 34.0 19.0 28.6#

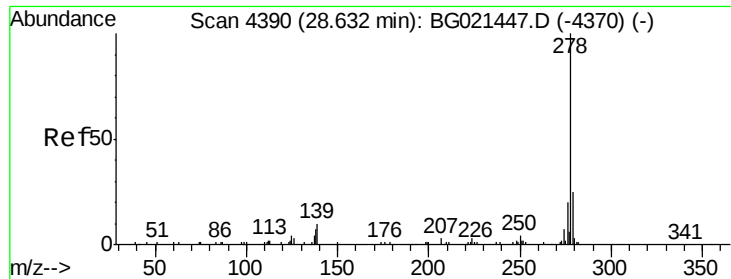


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 49.54 ng/ul

RT: 28.63 min Scan# 4390

Delta R.T. 0.00 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

A4T15

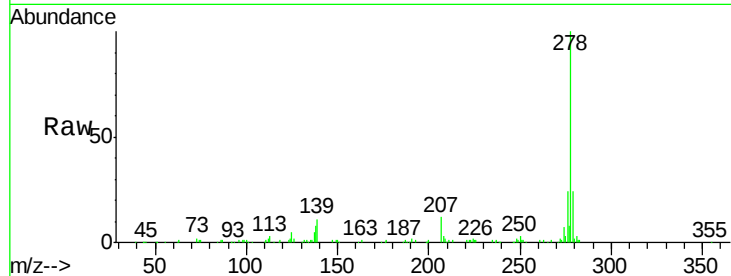
Tgt Ion:278 Resp: 244668

Ion Ratio Lower Upper

278 100

139 11.3 12.1 18.1#

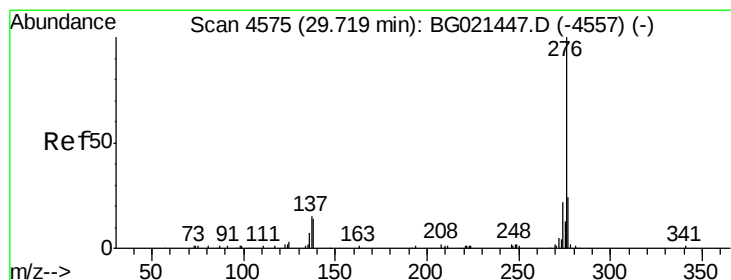
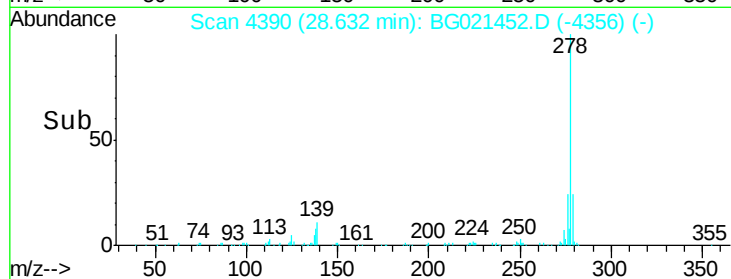
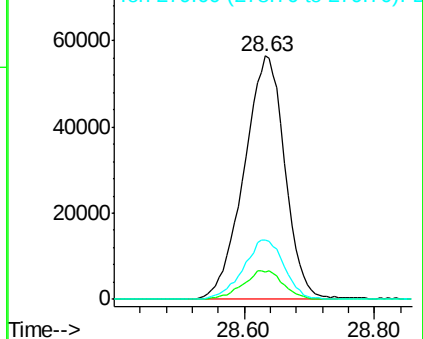
279 24.3 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 26.11 ng/ul

RT: 29.72 min Scan# 4575

Delta R.T. 0.00 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

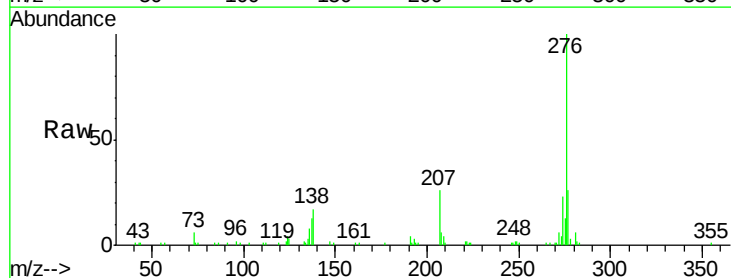
Tgt Ion:276 Resp: 124625

Ion Ratio Lower Upper

276 100

138 16.5 13.9 20.9

277 25.7 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

