

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035532.D
 Acq On : 30 Jun 2018 8:22
 Operator : JU/SJ
 Sample : PB110708BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 00:56:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24648	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	98572	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	78180	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	223286	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	239893	20.00	ng	-0.02
86) Perylene-d12	24.92	264	231132	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	206511	141.39	ng	0.00
7) Phenol-d6	7.22	99	313817	145.58	ng	0.00
23) Nitrobenzene-d5	9.23	82	195262	94.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	165362	165.23	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	484986	80.64	ng	-0.02
78) Terphenyl-d14	20.03	244	1000799	87.39	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	20407	29.285	ng	# 81
3) Pyridine	3.95	79	60639	32.251	ng	# 69
4) n-Nitrosodimethylamine	3.86	42	25695	31.811	ng	# 89
6) Aniline	7.39	93	65714	23.584	ng	94
8) 2-Chlorophenol	7.63	128	68703	44.876	ng	93
9) Benzaldehyde	7.20	77	41918	25.245	ng	91
10) Phenol	7.25	94	104514	46.850	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	64598	37.307	ng	88
12) 1,3-Dichlorobenzene	7.95	146	72181	39.516	ng	93
13) 1,4-Dichlorobenzene	8.10	146	72815	38.616	ng	96
14) 1,2-Dichlorobenzene	8.42	146	71806	40.541	ng	97
15) Benzyl Alcohol	8.30	79	81706	40.001	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	69103	40.098	ng	78
17) 2-Methylphenol	8.50	107	69949	47.559	ng	93
18) Hexachloroethane	9.14	117	26217	38.836	ng	# 85
19) n-Nitroso-di-n-propylamine	8.86	70	62674	34.222	ng	# 83
20) 3+4-Methylphenols	8.83	107	93542	44.371	ng	95
22) Acetophenone	8.89	105	116276	38.080	ng	# 88
24) Nitrobenzene	9.27	77	94659	44.577	ng	# 95
25) Isophorone	9.78	82	183561	41.926	ng	98
26) 2-Nitrophenol	9.98	139	40441	55.251	ng	# 90
27) 2,4-Dimethylphenol	10.04	122	77325	50.260	ng	93
28) bis(2-Chloroethoxy)methane	10.27	93	98408	41.826	ng	94
29) 2,4-Dichlorophenol	10.51	162	82782	49.450	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	84767	42.228	ng	99
31) Naphthalene	10.92	128	211775	41.357	ng	98
32) Benzoic acid	10.17	122	38536	37.395	ng	97
33) 4-Chloroaniline	11.02	127	39149	17.607	ng	# 94
34) Hexachlorobutadiene	11.20	225	65680	42.072	ng	99
35) Caprolactam	11.79	113	20019	32.357	ng	# 53
36) 4-Chloro-3-methylphenol	12.14	107	104053	49.863	ng	95
37) 2-Methylnaphthalene	12.52	142	172060	44.319	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	120576	41.406	ng	97
40) Hexachlorocyclopentadiene	12.86	237	160685	87.992	ng	95

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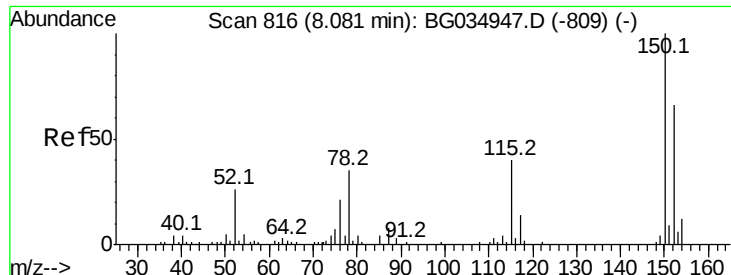
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 00:56:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.12	196	82061	47.062	nq	96
43) 2,4,5-Trichlorophenol	13.20	196	92148	48.149	nq	# 96
45) 1,1'-Biphenyl	13.52	154	243991	38.812	nq	98
46) 2-Chloronaphthalene	13.56	162	196432	41.329	nq	99
47) 2-Nitroaniline	13.76	65	70150	49.982	nq	97
48) Acenaphthylene	14.41	152	333755	41.878	nq	98
49) Dimethylphthalate	14.14	163	284760	41.769	nq	99
50) 2,6-Dinitrotoluene	14.25	165	65078	52.324	nq	92
51) Acenaphthene	14.75	154	195174	37.482	nq	99
52) 3-Nitroaniline	14.58	138	31559	25.859	nq	# 85
53) 2,4-Dinitrophenol	14.79	184	68883	136.849	nq	# 65
54) Dibenzofuran	15.08	168	331175	42.465	nq	95
55) 4-Nitrophenol	14.90	139	99240	96.348	nq	# 89
56) 2,4-Dinitrotoluene	15.04	165	97846	59.222	nq	# 82
57) Fluorene	15.73	166	281113	43.131	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.31	232	97995	52.708	nq	93
59) Diethylphthalate	15.49	149	287389	41.318	nq	98
60) 4-Chlorophenyl-phenylether	15.72	204	161418	43.432	nq	97
61) 4-Nitroaniline	15.75	138	66946	51.149	nq	# 87
62) Azobenzene	16.01	77	283571	41.603	nq	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	55608	54.547	nq	84
65) n-Nitrosodiphenylamine	15.93	169	255888	38.161	nq	98
66) 4-Bromophenyl-phenylether	16.61	248	113749	42.303	nq	96
67) Hexachlorobenzene	16.73	284	119475	43.654	nq	# 93
68) Atrazine	16.88	200	119783	41.889	nq	94
69) Pentachlorophenol	17.07	266	130935	71.147	nq	98
70) Phenanthrene	17.47	178	483719	42.647	nq	99
71) Anthracene	17.56	178	490182	43.144	nq	98
72) Carbazole	17.83	167	450021	42.690	nq	99
73) Di-n-butylphthalate	18.38	149	499909	39.787	nq	# 98
74) Fluoranthene	19.47	202	643142	43.575	nq	96
76) Benzidine	19.65	184	214950	24.084	nq	98
77) Pyrene	19.84	202	641534	40.565	nq	99
79) Butylbenzylphthalate	20.72	149	224714	39.131	nq	# 94
80) Benzo(a)anthracene	21.67	228	645517	42.109	nq	99
81) 3,3'-Dichlorobenzidine	21.59	252	131107	22.732	nq	# 97
82) Chrysene	21.74	228	599561	42.717	nq	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	302342	37.260	nq	# 98
84) Di-n-octyl phthalate	22.78	149	509640	36.609	nq	# 92
85) Indeno(1,2,3-cd)pyrene	28.60	276	690624	42.013	nq	# 86
87) Benzo(b)fluoranthene	23.89	252	620854	43.619	nq	# 96
88) Benzo(k)fluoranthene	23.96	252	574892	41.289	nq	# 97
89) Benzo(a)pyrene	24.76	252	582209	43.470	nq	# 96
90) Dibenzo(a,h)anthracene	28.65	278	564375	42.686	nq	# 96
91) Benzo(g,h,i)perylene	29.75	276	567091	43.827	nq	# 92

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

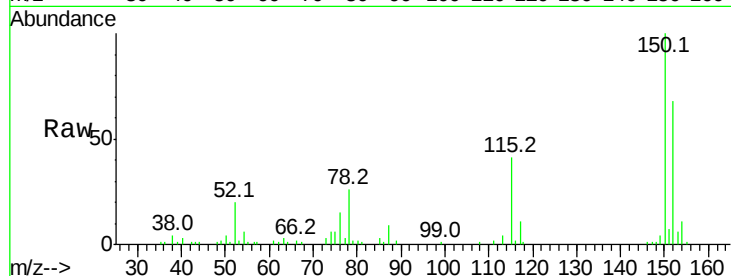


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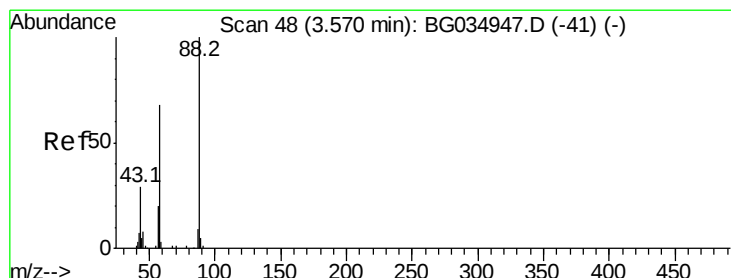
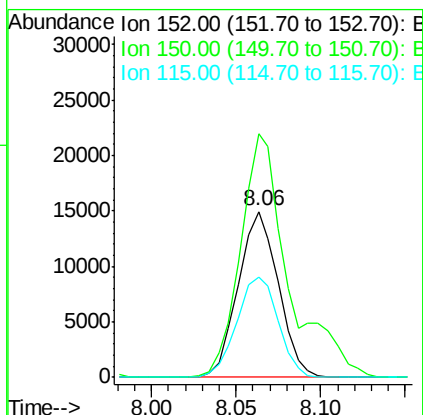
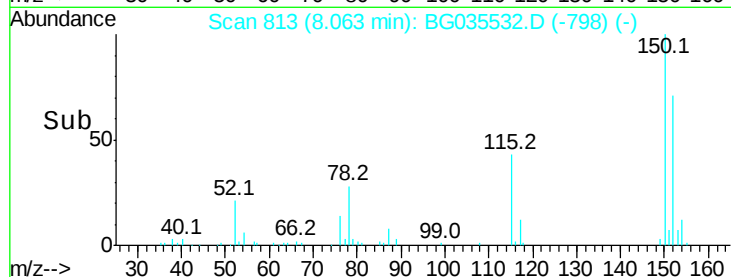
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 24648
Ion Ratio Lower Upper
152 100
150 147.1 126.6 189.8
115 60.7 53.0 79.4



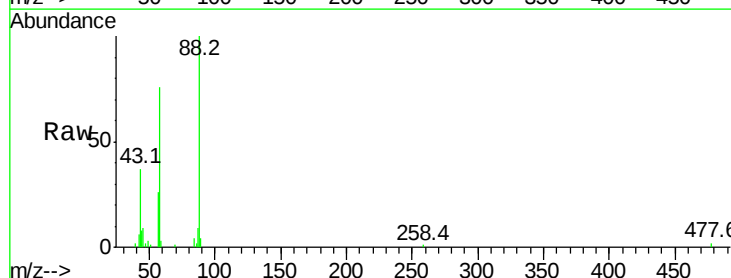
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



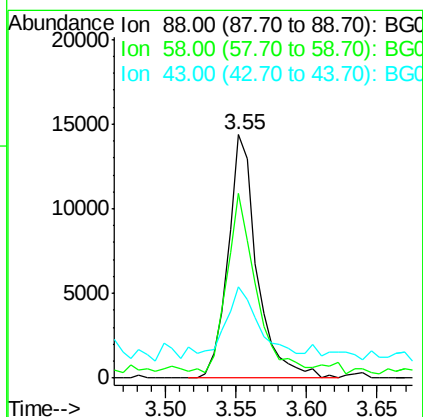
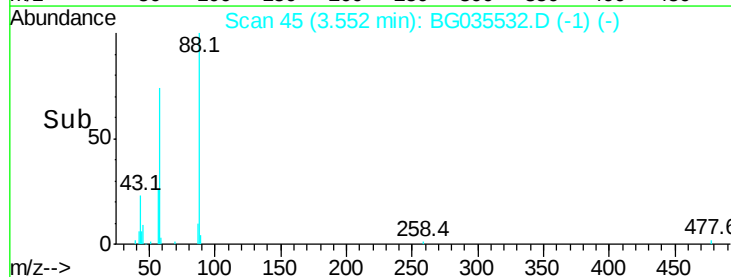
#2

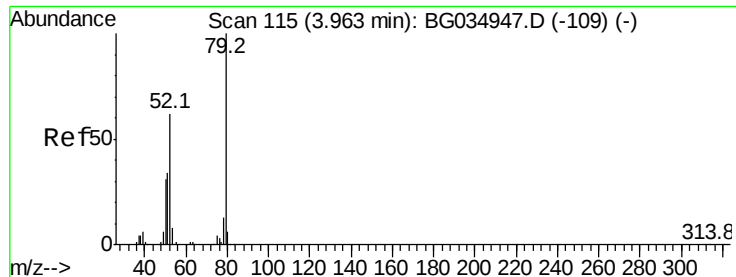
1,4-Dioxane
Concen: 29.285 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Tgt Ion: 88 Resp: 20407
Ion Ratio Lower Upper
88 100
58 74.9 79.6 119.4#
43 36.1 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.251 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

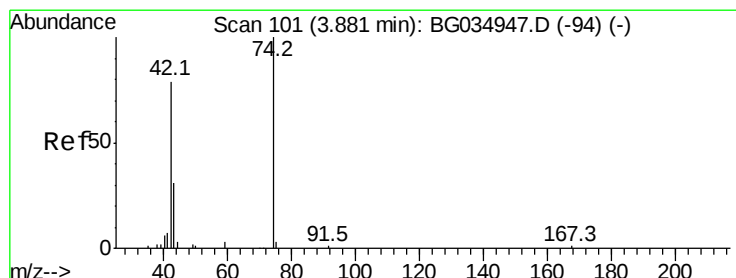
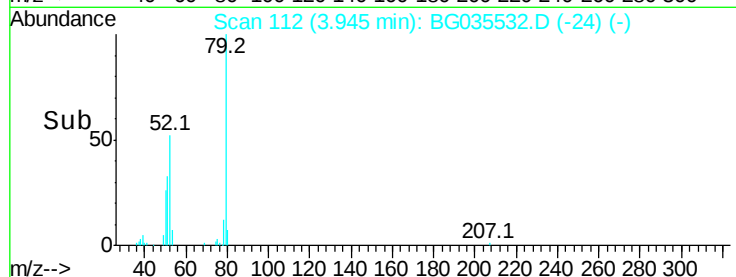
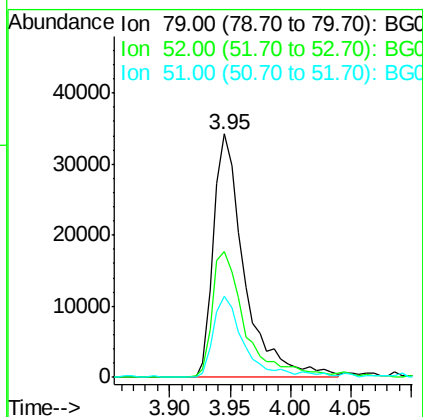
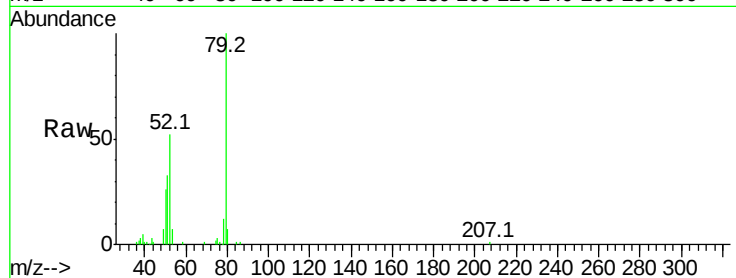
Tot Ion: 79 Resp: 60639

Ion Ratio Lower Upper

79 100

52 51.6 69.9 104.9#

51 33.2 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 31.811 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

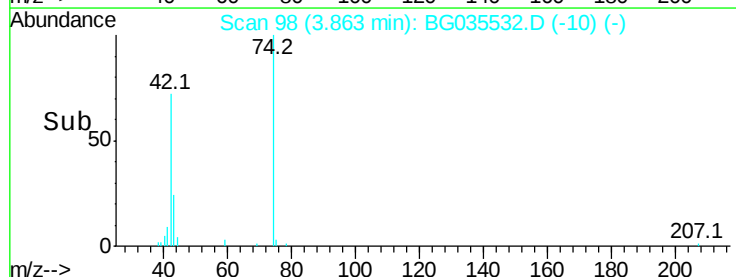
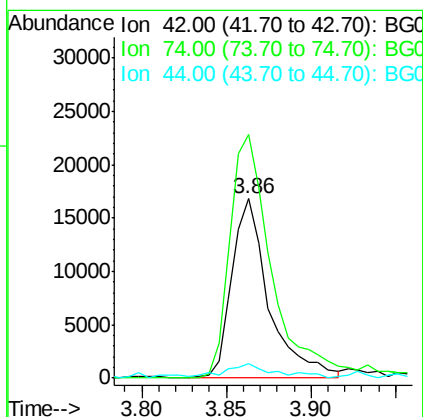
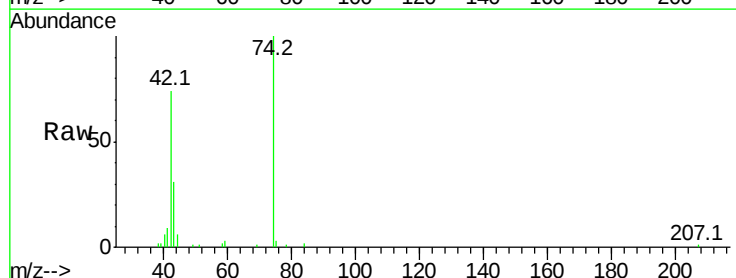
Tgt Ion: 42 Resp: 25695

Ion Ratio Lower Upper

42 100

74 135.8 102.5 153.7

44 8.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 141.395 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

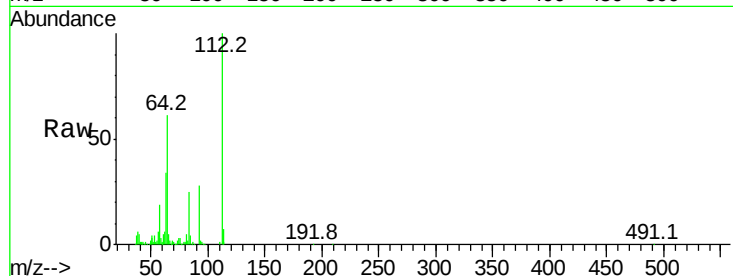
Tot Ion:112 Resp: 206511

Ion Ratio Lower Upper

112 100

64 61.4 56.3 84.5

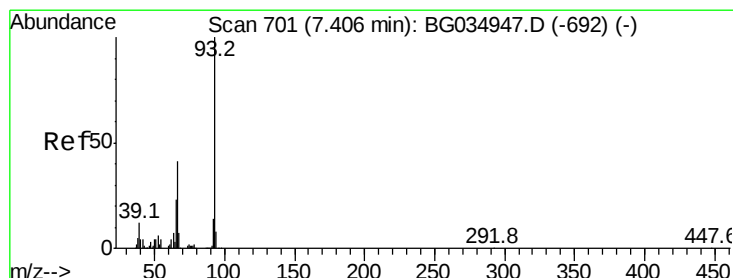
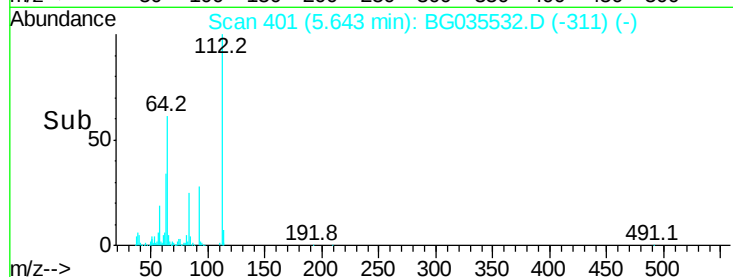
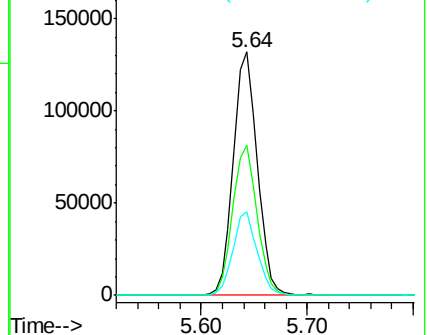
63 34.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.584 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

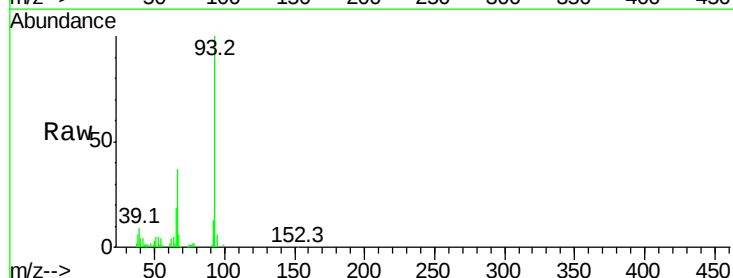
Tgt Ion: 93 Resp: 65714

Ion Ratio Lower Upper

93 100

66 37.0 33.7 50.5

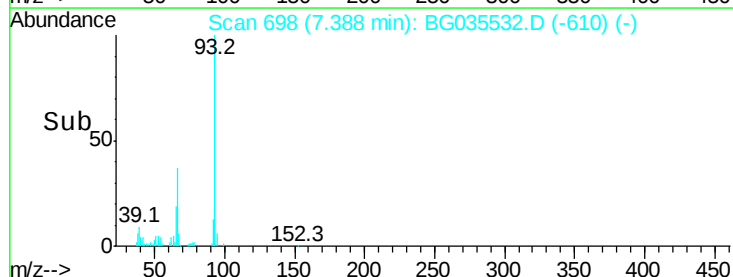
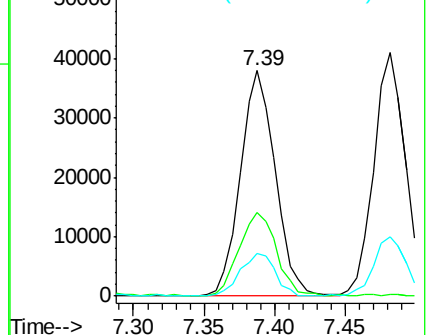
65 18.8 16.1 24.1

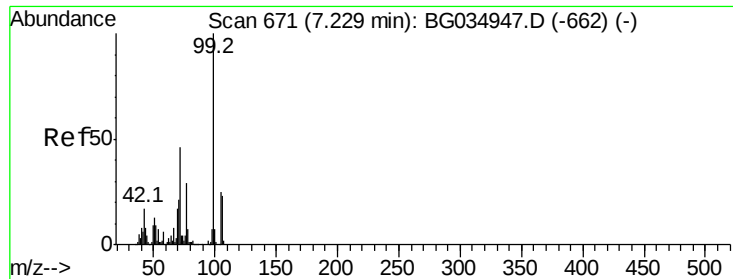


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.579 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

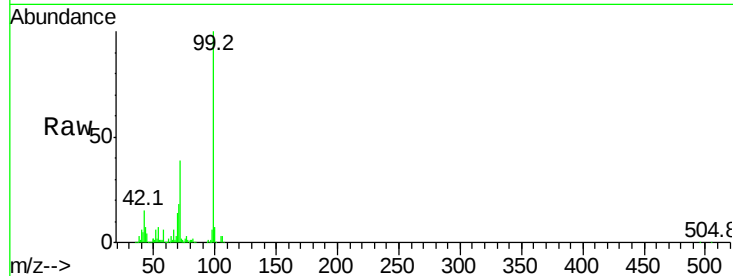
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 313817

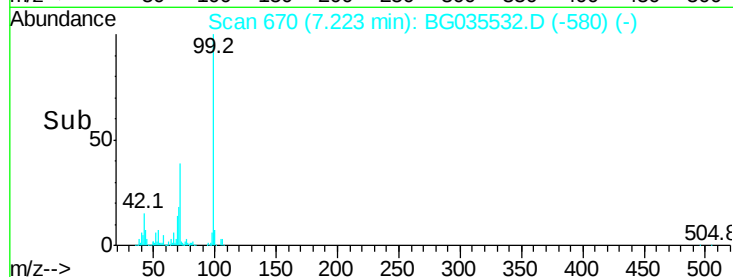
Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.1	21.1
71	38.8	26.1	39.1



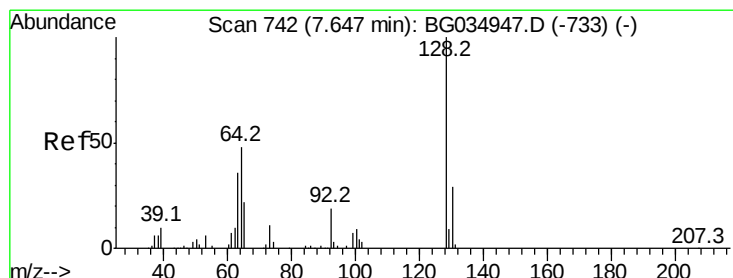
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 44.876 ng

RT: 7.63 min Scan# 739

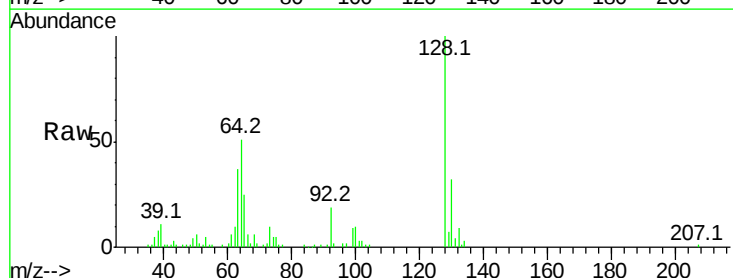
Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Tgt Ion:128 Resp: 68703

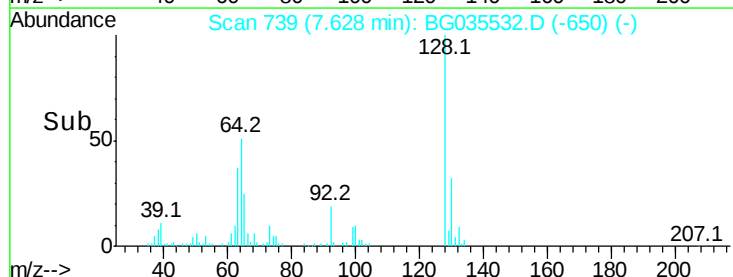
Ion	Ratio	Lower	Upper
128	100		
130	31.5	14.0	54.0
64	51.2	37.7	77.7



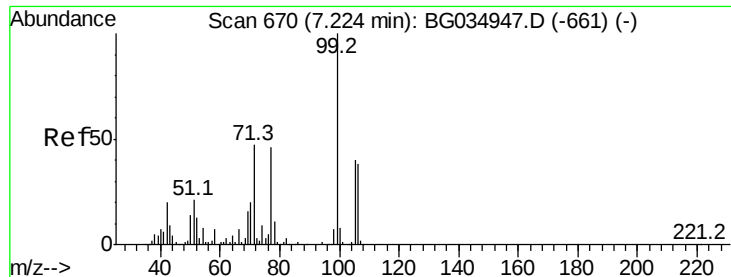
Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->



#9

Benzaldehyde

Concen: 25.245 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

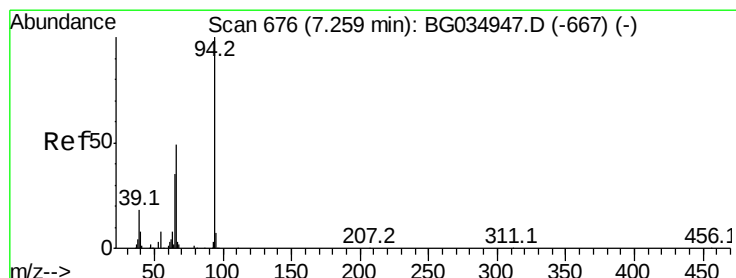
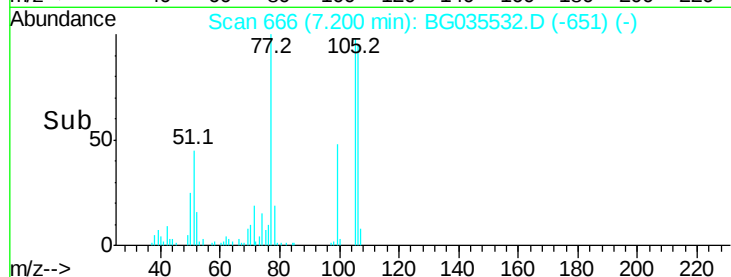
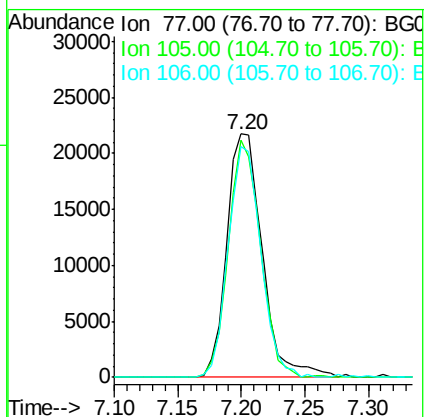
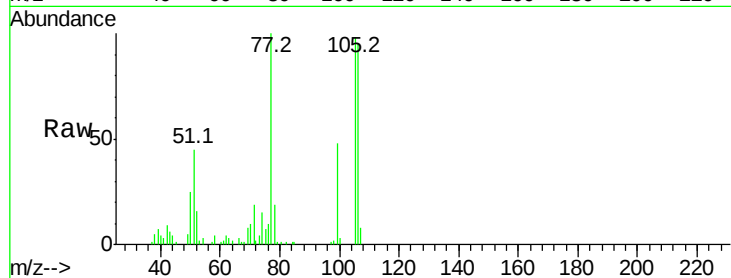
Tot Ion: 77 Resp: 41918

Ion Ratio Lower Upper

77 100

105 97.7 71.3 111.3

106 94.7 64.2 104.2



#10

Phenol

Concen: 46.850 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

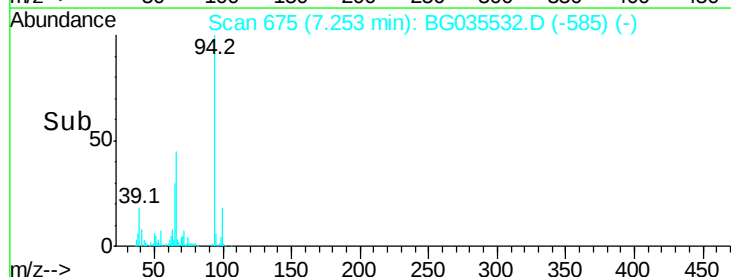
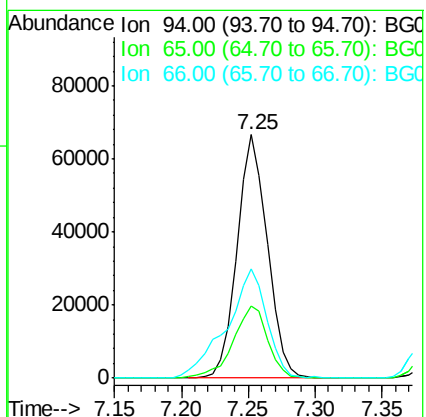
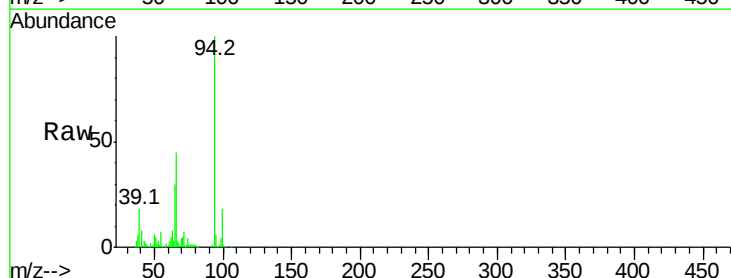
Tgt Ion: 94 Resp: 104514

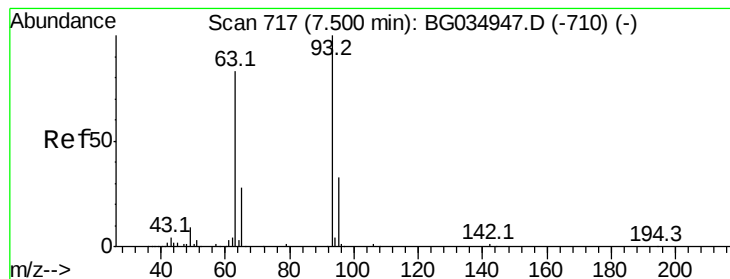
Ion Ratio Lower Upper

94 100

65 29.6 11.9 51.9

66 45.0 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 37.307 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

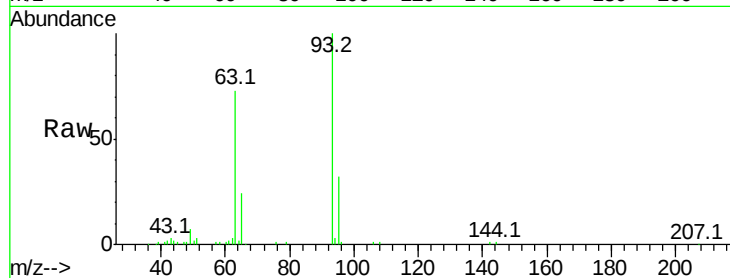
Tot Ion: 93 Resp: 64598

Ion Ratio Lower Upper

93 100

63 72.7 67.1 107.1

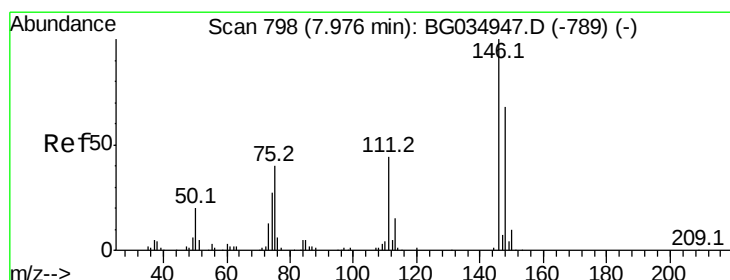
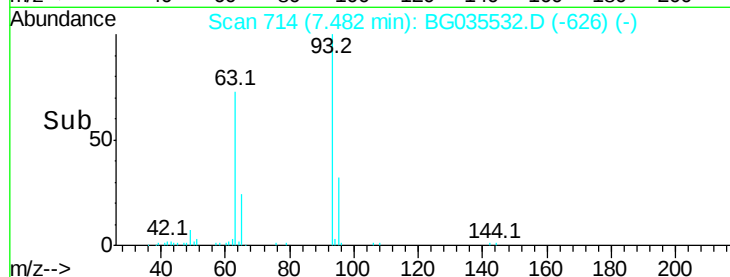
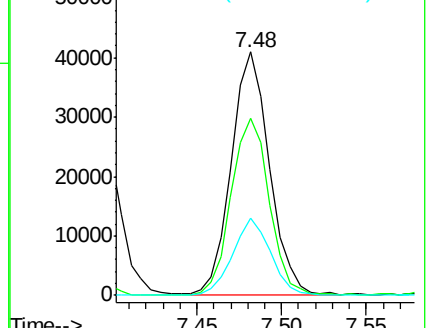
95 31.8 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 39.516 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

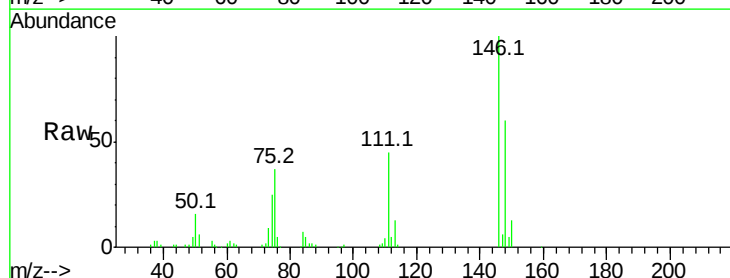
Tgt Ion: 146 Resp: 72181

Ion Ratio Lower Upper

146 100

148 59.6 51.4 77.2

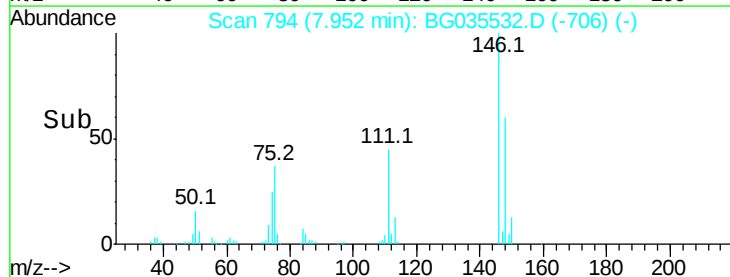
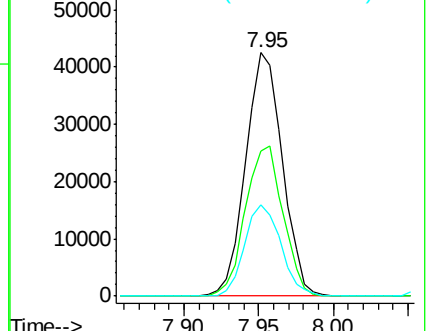
75 37.5 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

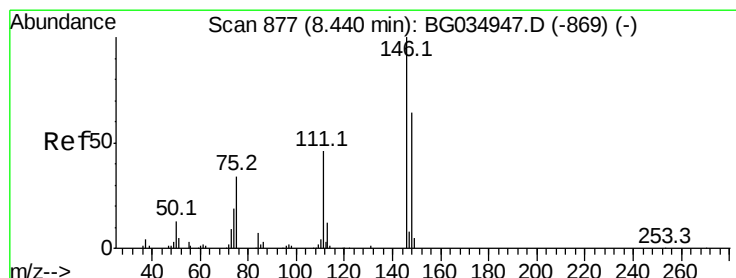
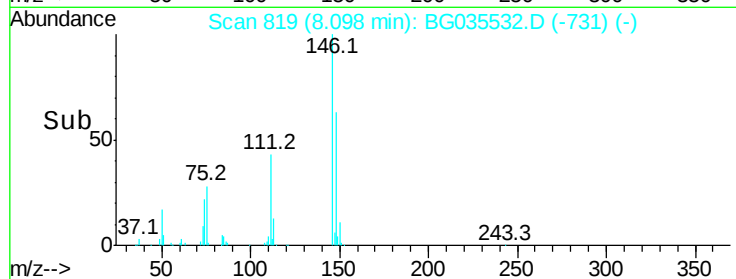
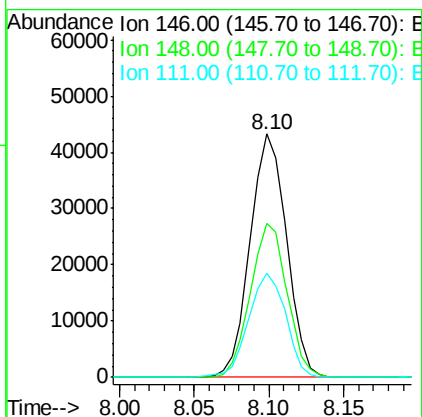
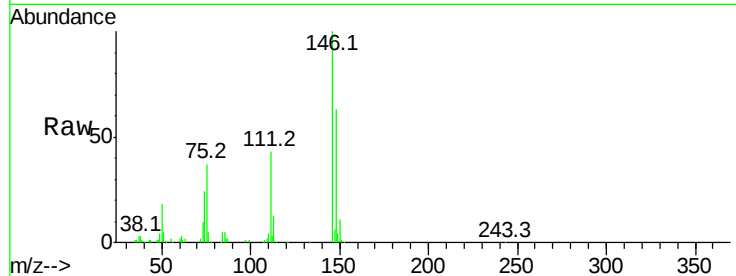




#13
 1,4-Dichlorobenzene
 Concen: 38.616 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

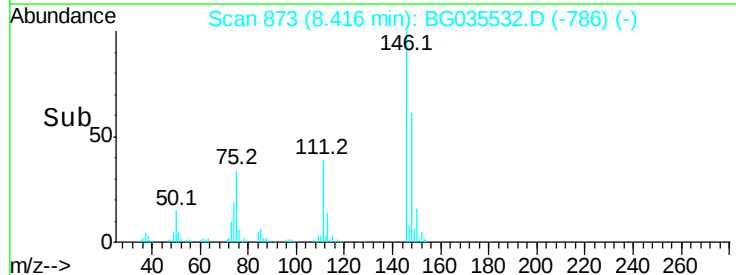
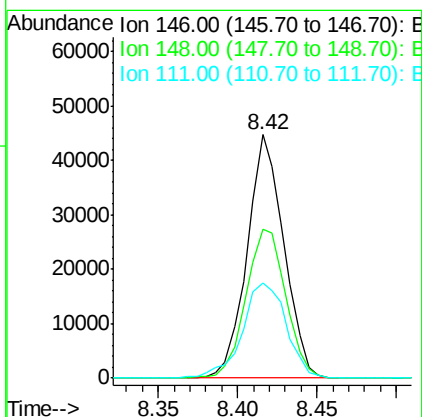
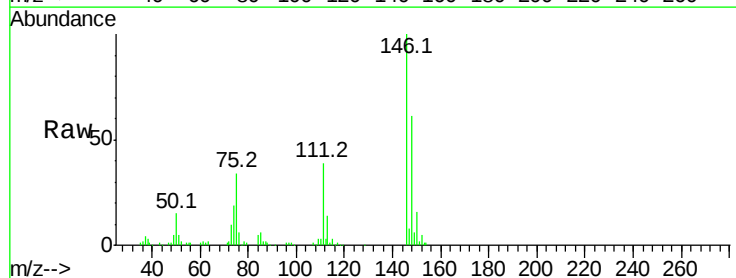
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	53.7	80.5
111	42.7	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 40.541 ng
 RT: 8.42 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	49.3	73.9
111	39.3	34.3	51.5





#15

Benzyl Alcohol

Concen: 40.001 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

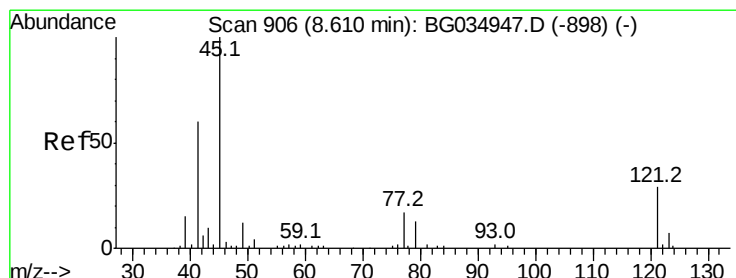
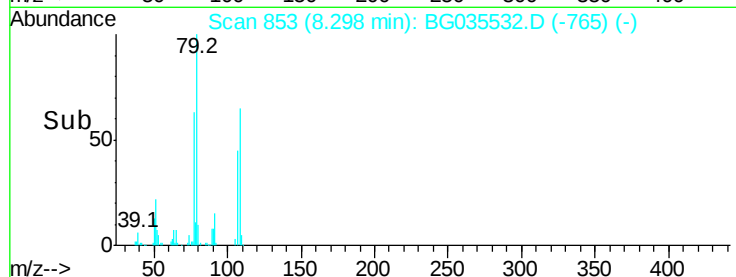
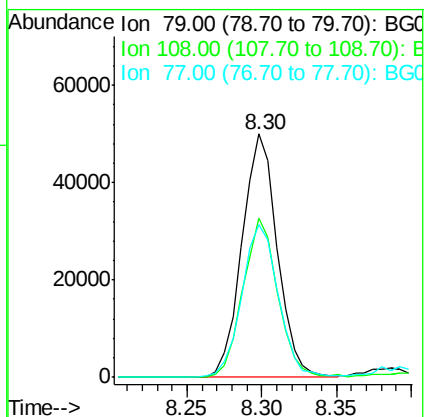
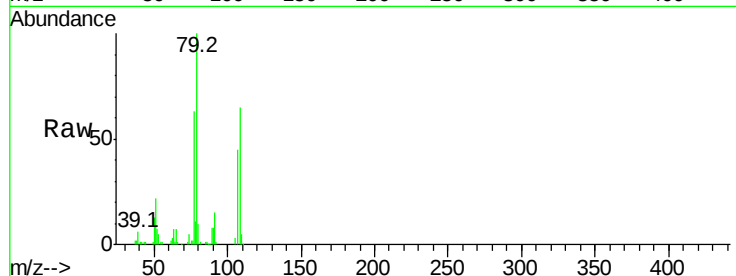
Tot Ion: 79 Resp: 81706

Ion Ratio Lower Upper

79 100

108 65.4 57.2 85.8

77 62.7 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.098 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

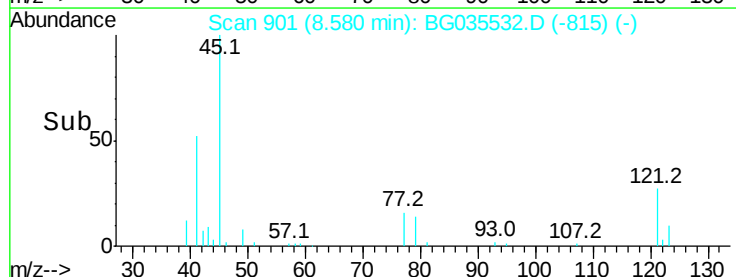
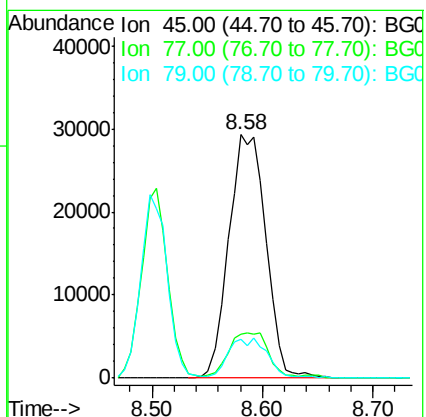
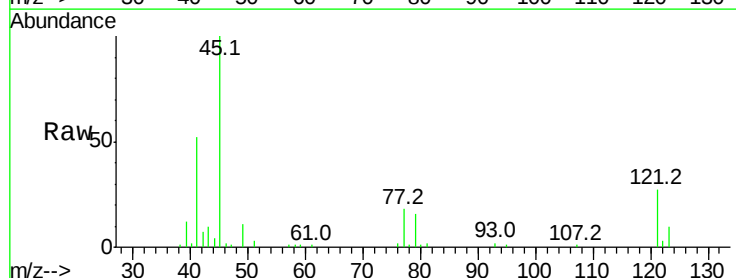
Tgt Ion: 45 Resp: 69103

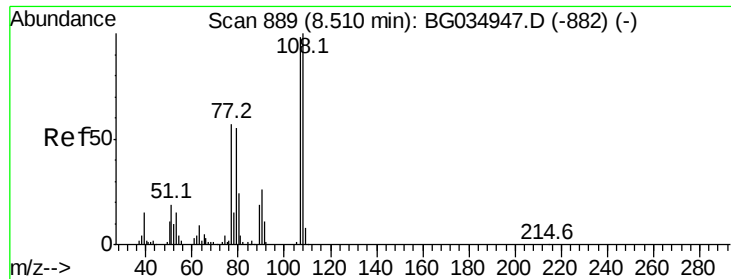
Ion Ratio Lower Upper

45 100

77 18.3 0.0 30.2

79 15.7 0.0 27.9





#17

2-Methylphenol

Concen: 47.559 ng

RT: 8.50 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 69949

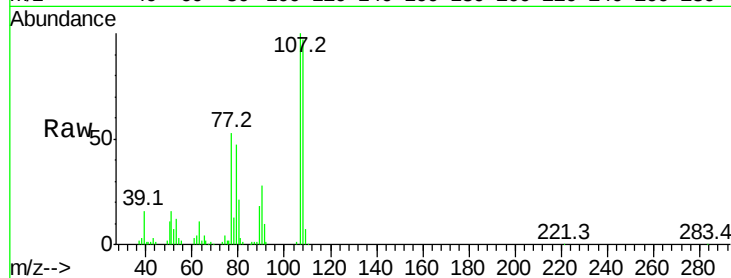
Ion Ratio Lower Upper

107 100

108 97.4 83.9 125.9

77 52.7 37.2 55.8

79 46.8 36.2 54.2

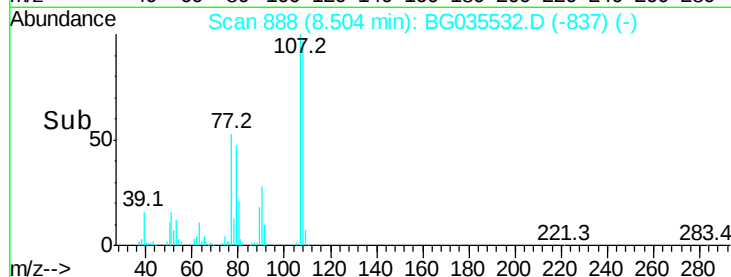


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

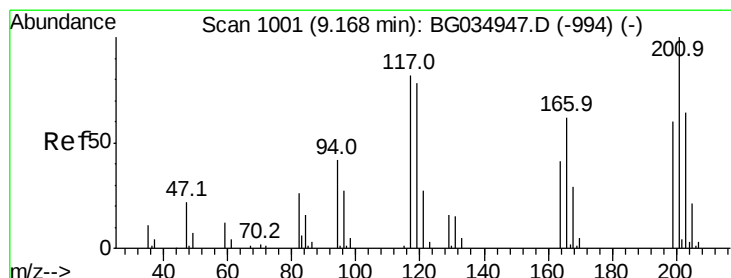
Ion 79.00 (78.70 to 79.70): BG



Abundance

8.50

Time-->



#18

Hexachloroethane

Concen: 38.836 ng

RT: 9.14 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

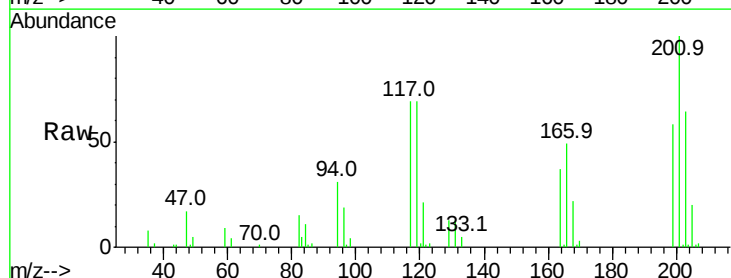
Tgt Ion:117 Resp: 26217

Ion Ratio Lower Upper

117 100

119 100.4 76.7 115.1

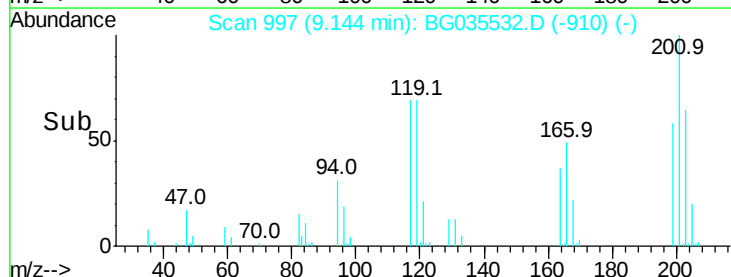
201 145.0 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

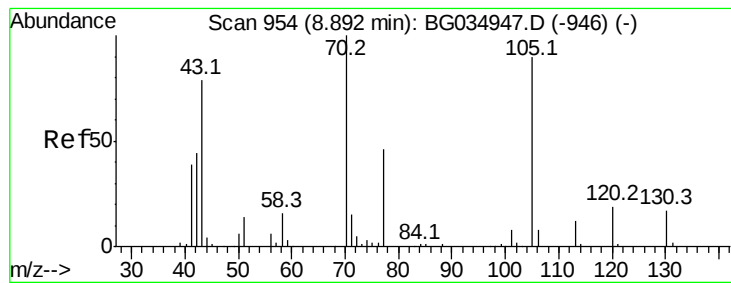
Ion 201.00 (200.70 to 201.70): E



Abundance

9.14

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 34.222 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 62674

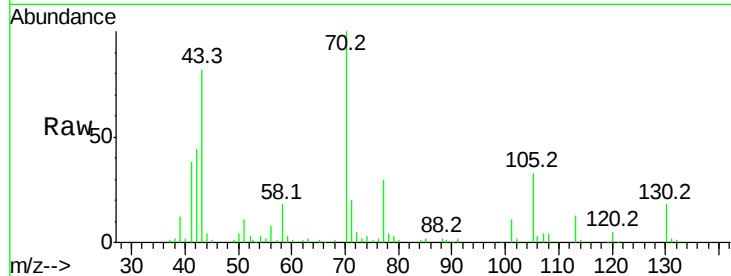
Ion Ratio Lower Upper

70 100

42 43.7 49.1 73.7#

101 11.0 8.5 12.7

130 18.2 13.4 20.0

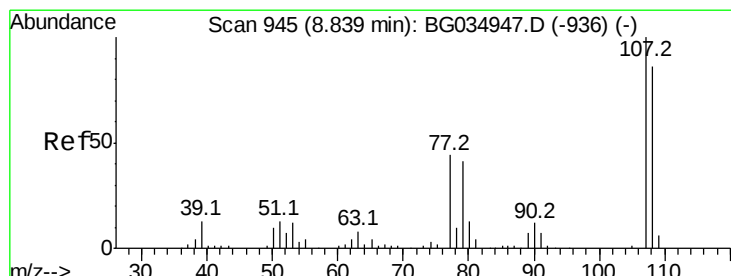
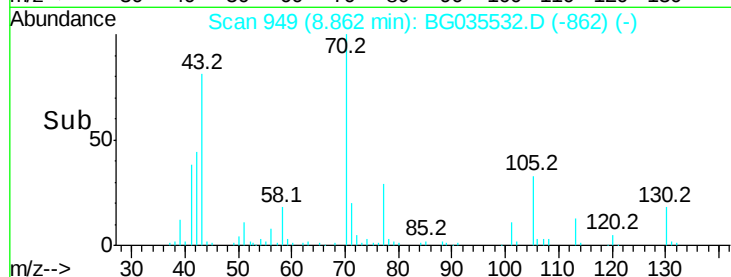
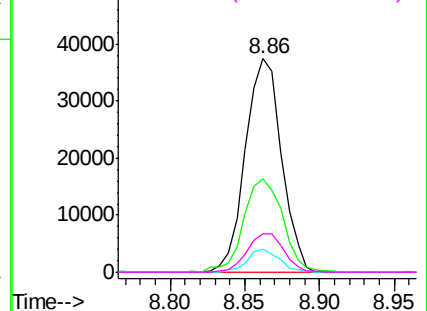


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 44.371 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Tgt Ion: 107 Resp: 93542

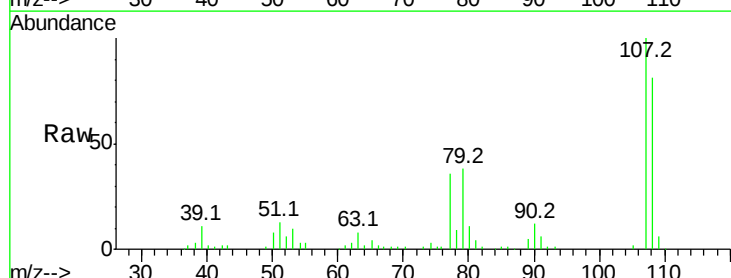
Ion Ratio Lower Upper

107 100

108 80.9 61.6 101.6

77 36.2 13.9 53.9

79 37.6 8.8 48.8

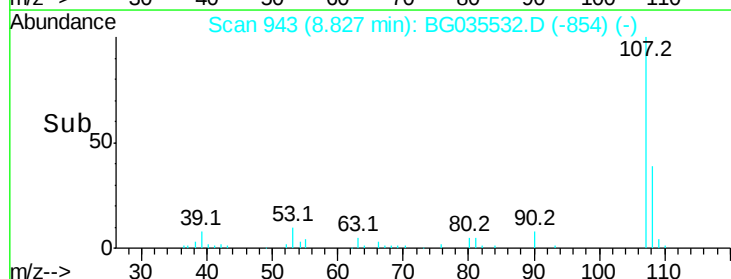
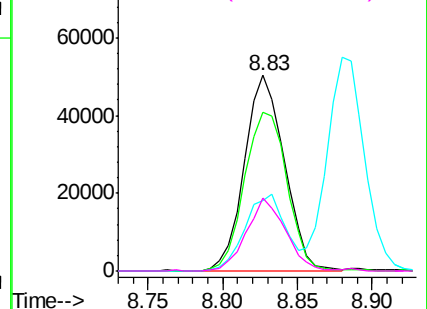


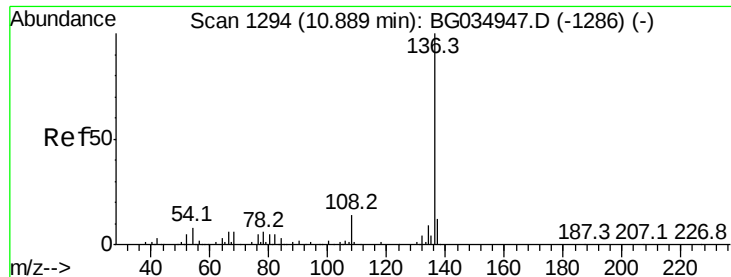
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

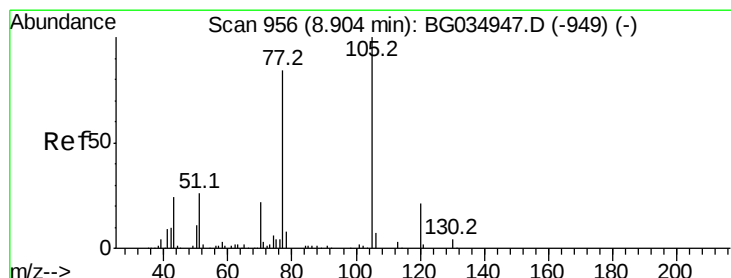
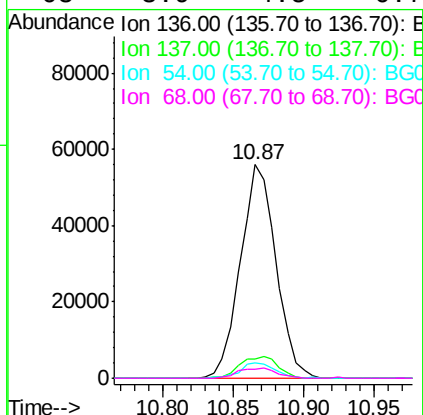
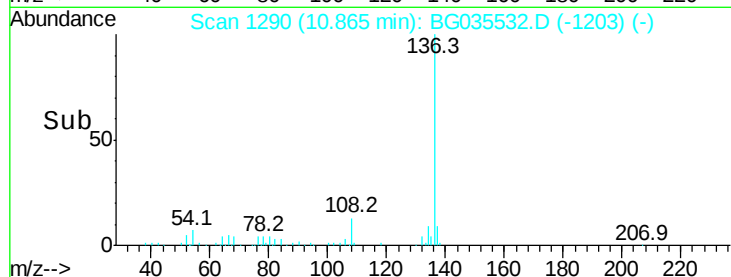
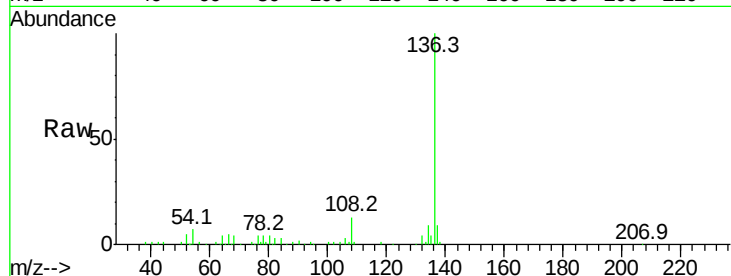




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

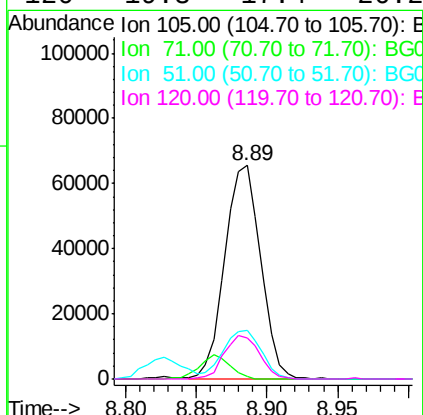
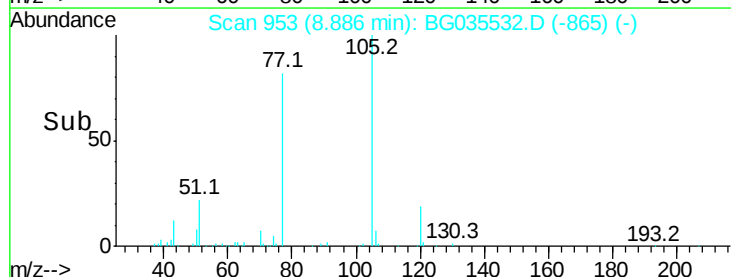
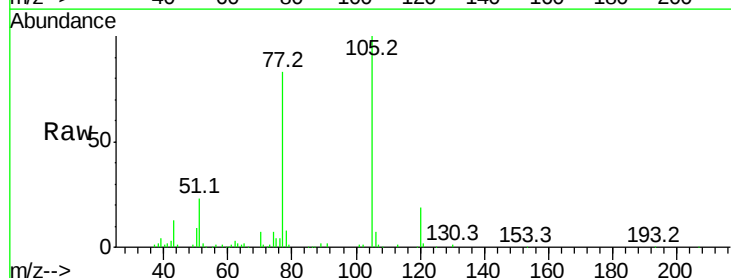
Instrument :
BNA_G
ClientSampleId :

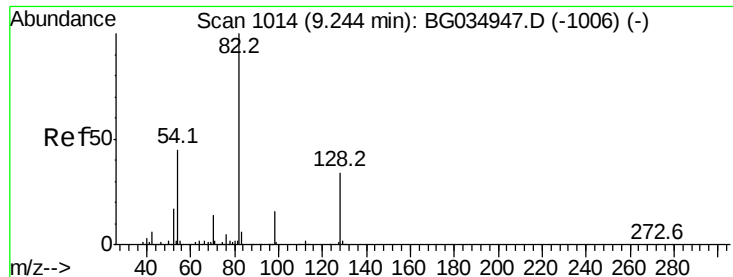
Tot Ion:136	Resp:	98572
Ion Ratio	Lower	Upper
136 100		
137 9.2	9.2	13.8
54 7.1	10.3	15.5#
68 3.9	4.5	6.7#



#22
Acetophenone
Concen: 38.080 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Tgt Ion:105	Resp:	116276
Ion Ratio	Lower	Upper
105 100		
71 1.1	3.0	4.4#
51 22.5	26.1	39.1#
120 19.3	17.4	26.2

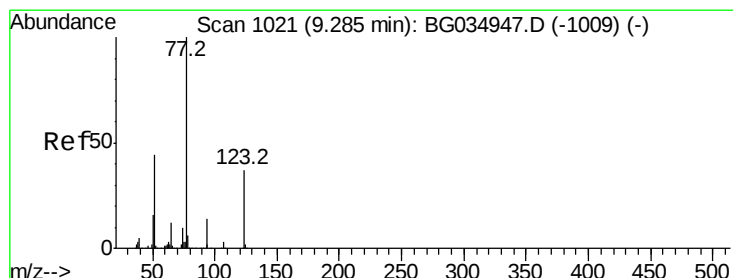
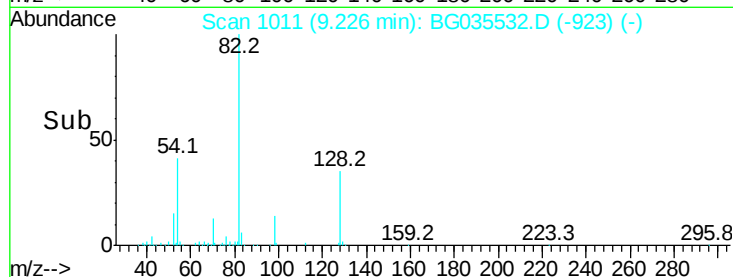
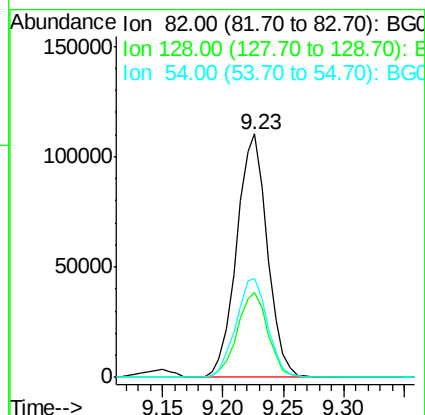
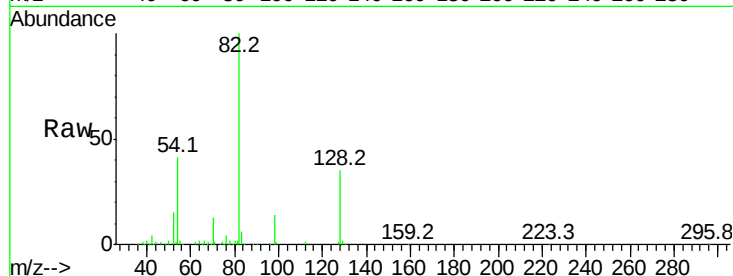




#23
 Nitrobenzene-d5
 Concen: 94.161 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

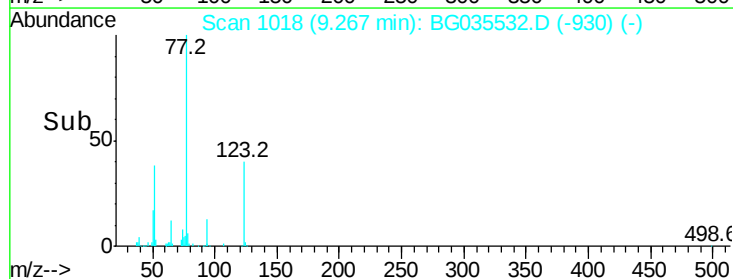
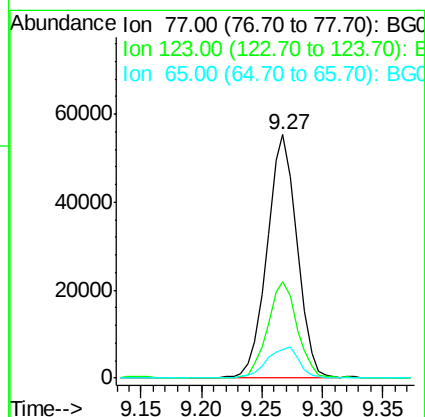
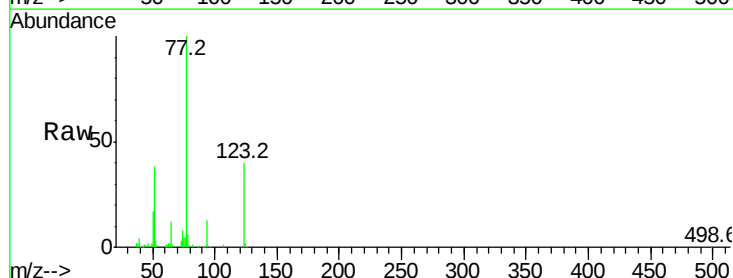
Instrument :
 BNA_G
 ClientSampled :

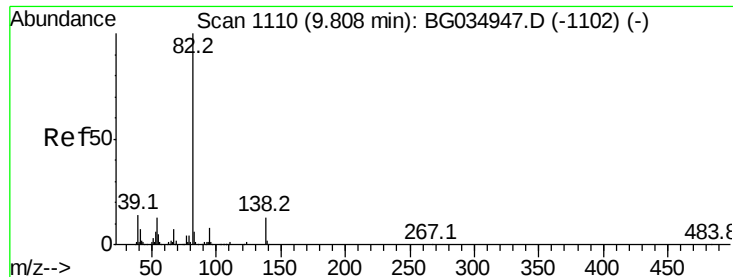
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	40.9	43.1	64.7#



#24
 Nitrobenzene
 Concen: 44.577 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	33.0	49.6
65	11.8	13.0	19.6#

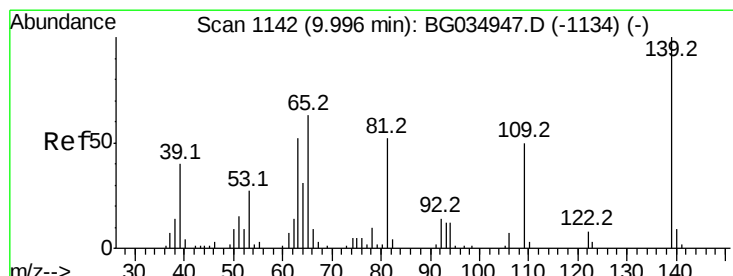
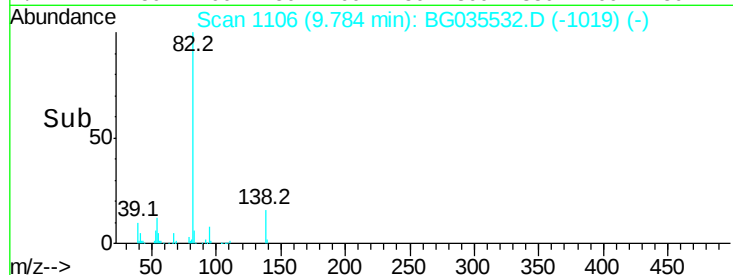
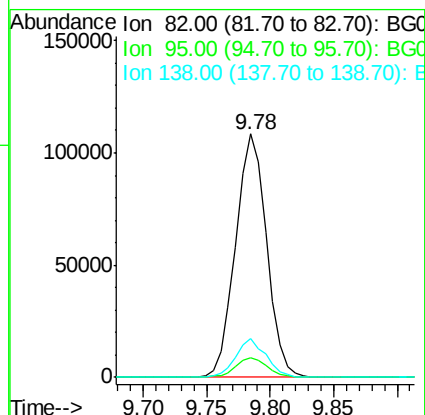
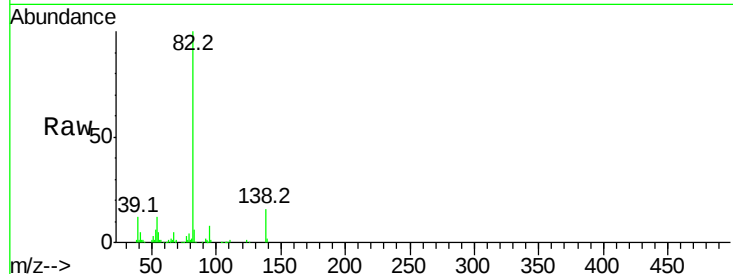




#25
Isophorone
Concen: 41.926 ng
RT: 9.78 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

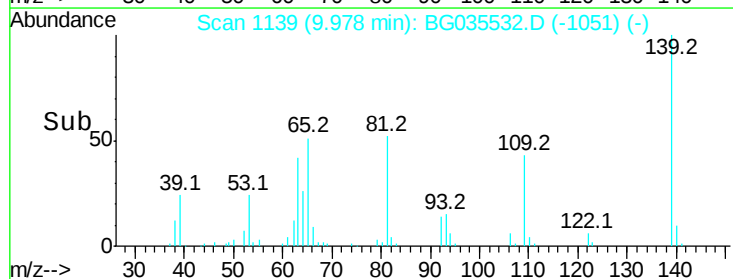
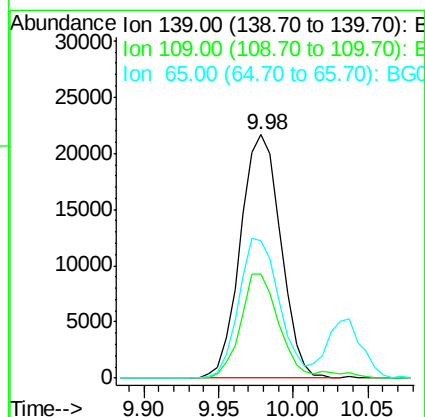
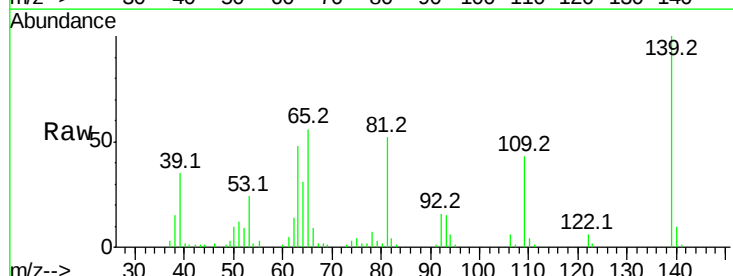
Instrument :
BNA_G
ClientSampled :

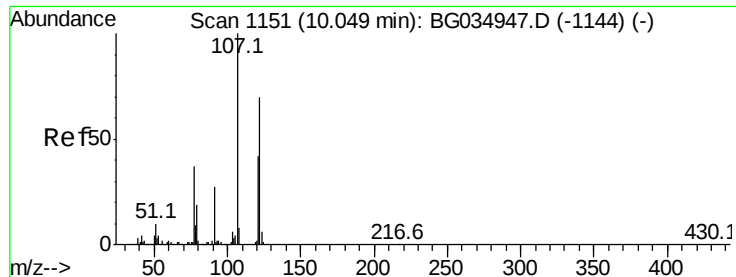
Tot Ion	82	Resp	183561
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.2	9.2
138	16.0	12.1	18.1



#26
2-Nitrophenol
Concen: 55.251 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Tgt Ion	139	Resp	40441
Ion Ratio	Lower	Upper	
139	100		
109	43.0	24.2	36.2#
65	56.4	47.4	71.0





#27

2,4-Dimethylphenol

Concen: 50.260 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

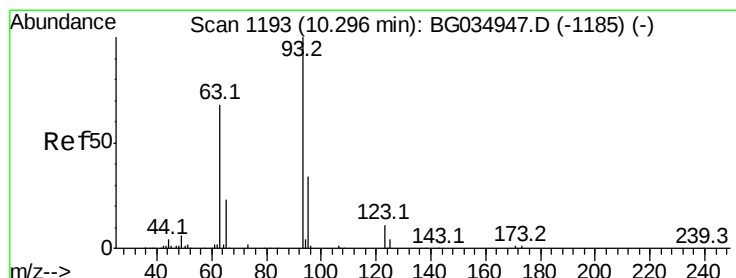
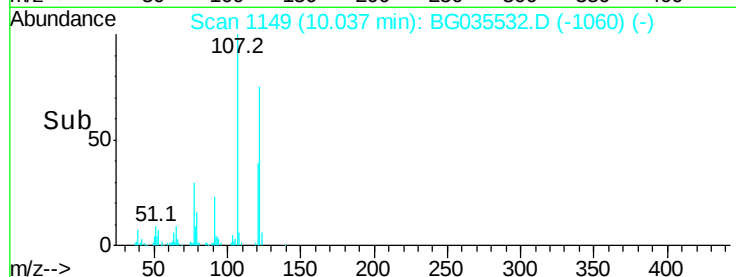
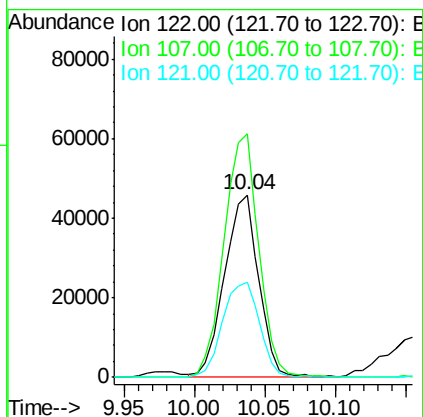
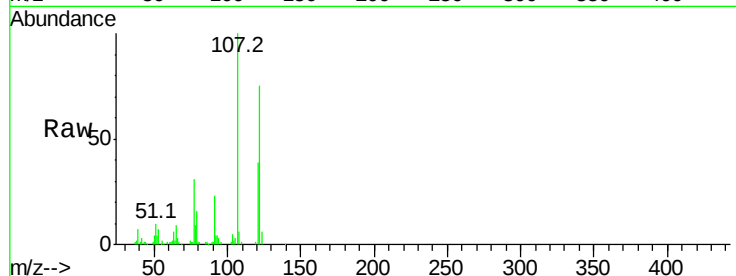
Tot Ion:122 Resp: 77325

Ion Ratio Lower Upper

122 100

107 133.5 100.2 150.2

121 51.9 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.826 ng

RT: 10.27 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

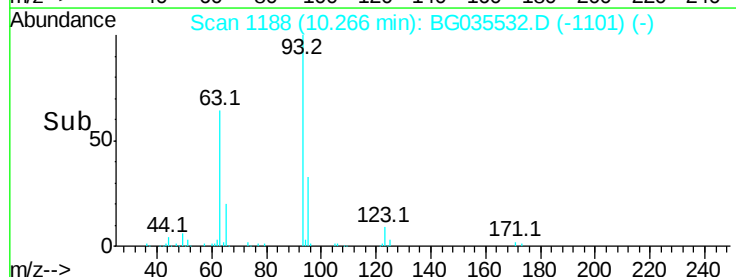
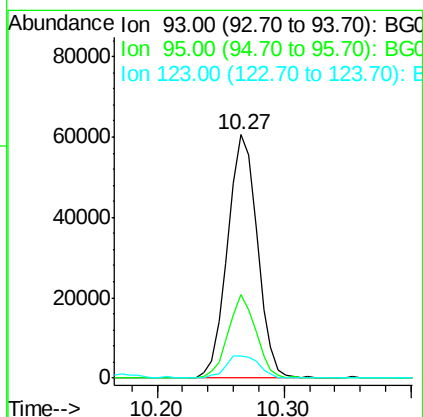
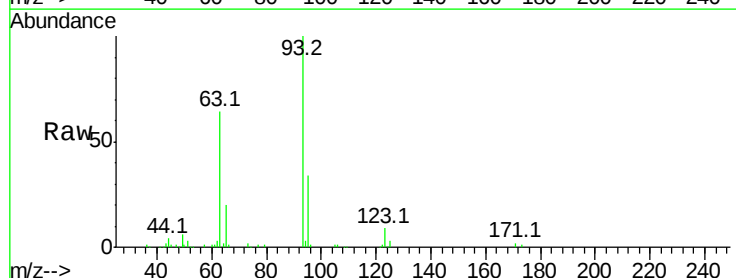
Tgt Ion: 93 Resp: 98408

Ion Ratio Lower Upper

93 100

95 34.2 24.3 36.5

123 9.4 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 49.450 ng

RT: 10.51 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

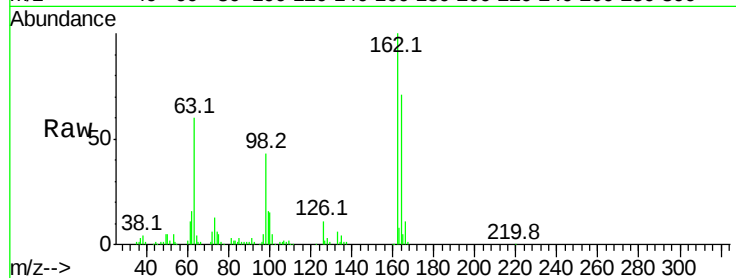
Tot Ion:162 Resp: 82782

Ion Ratio Lower Upper

162 100

164 70.7 48.0 88.0

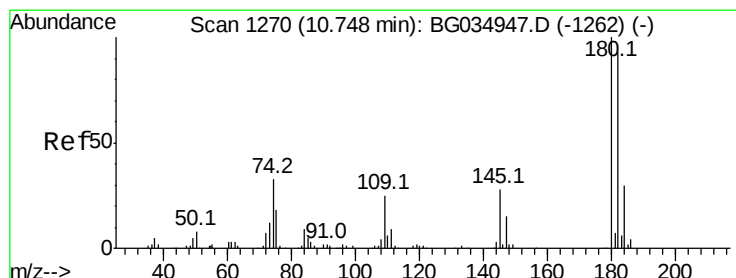
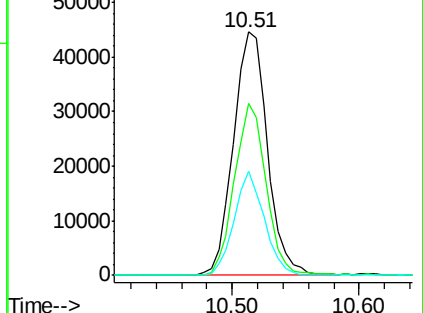
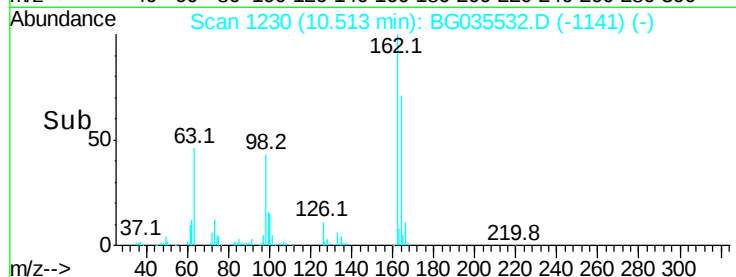
98 42.5 21.1 61.1



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



#30

1,2,4-Trichlorobenzene

Concen: 42.228 ng

RT: 10.73 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

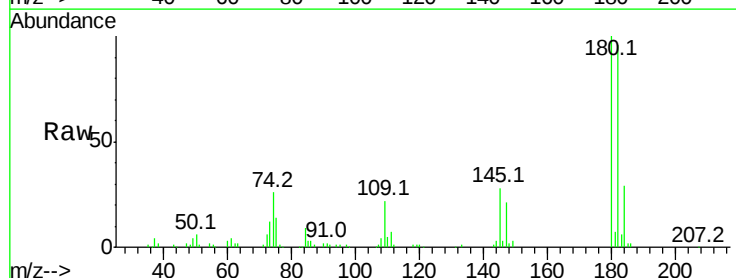
Tgt Ion:180 Resp: 84767

Ion Ratio Lower Upper

180 100

182 96.1 77.5 116.3

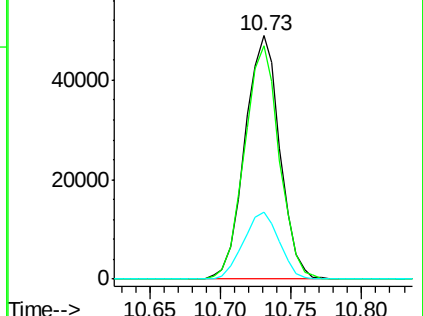
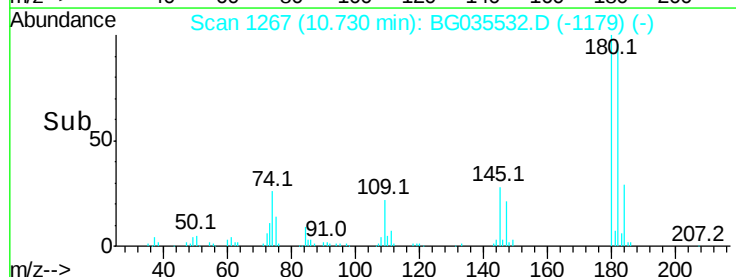
145 27.8 23.4 35.2

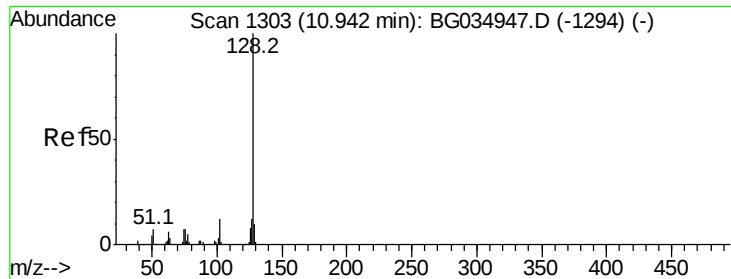


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

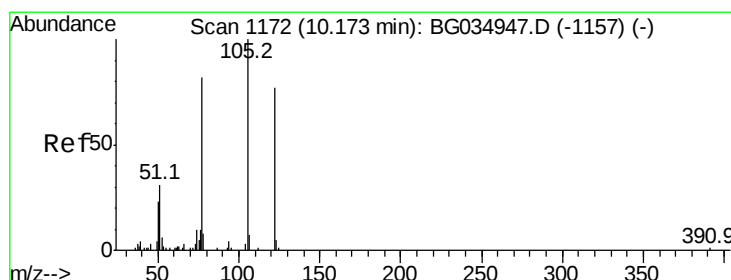
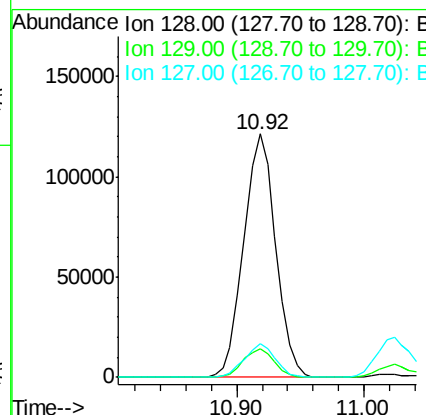
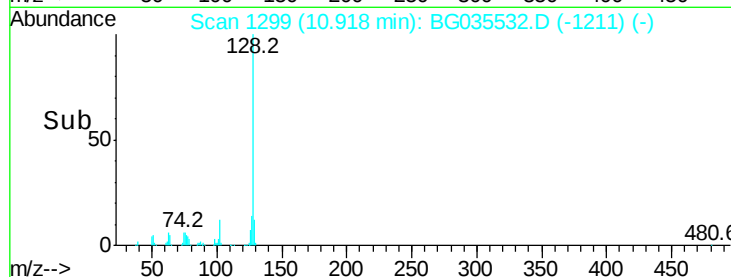
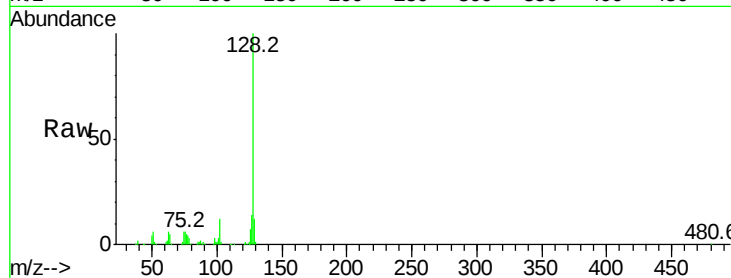




#31
Naphthalene
Concen: 41.357 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

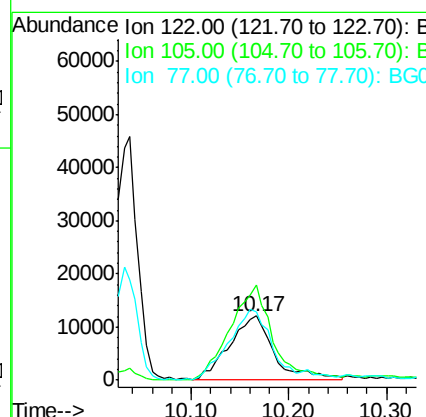
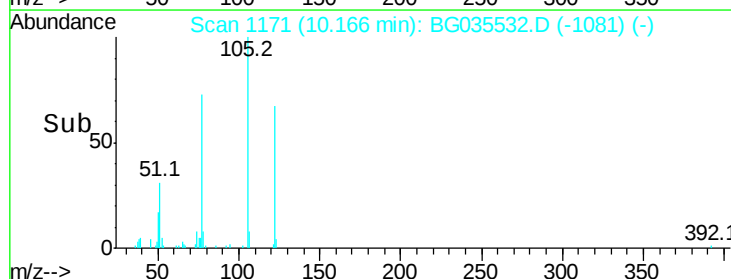
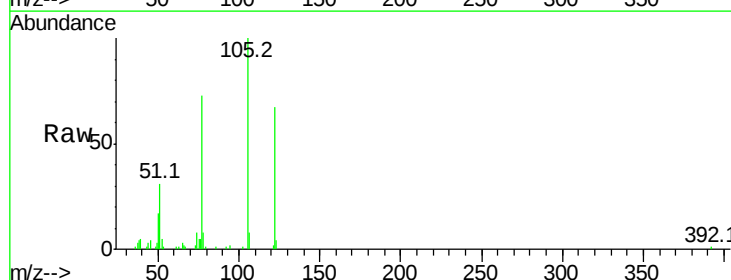
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 211775
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 37.395 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Tgt Ion:122 Resp: 38536
Ion Ratio Lower Upper
122 100
105 148.3 123.5 163.5
77 107.6 85.7 125.7

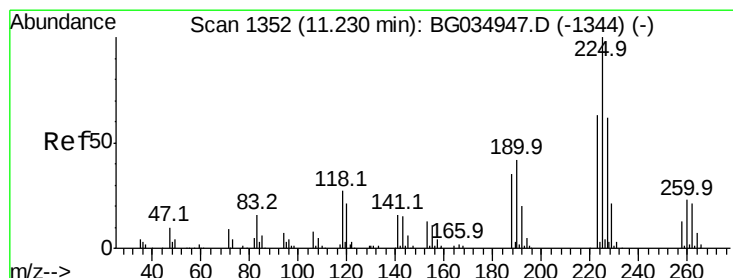
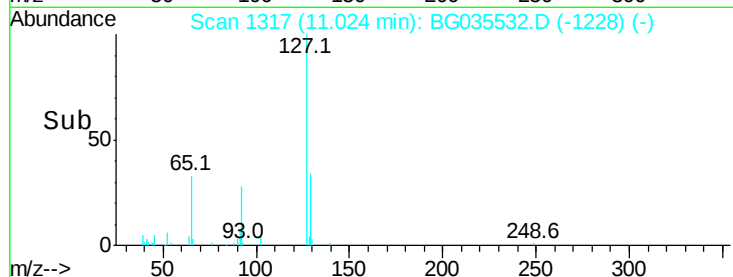
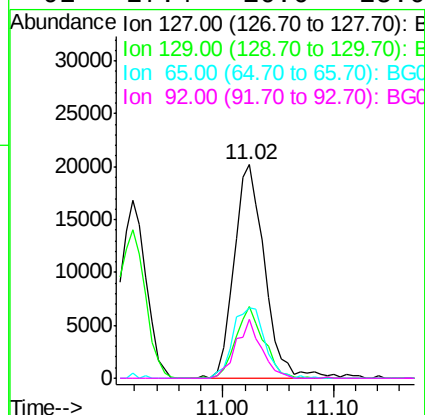
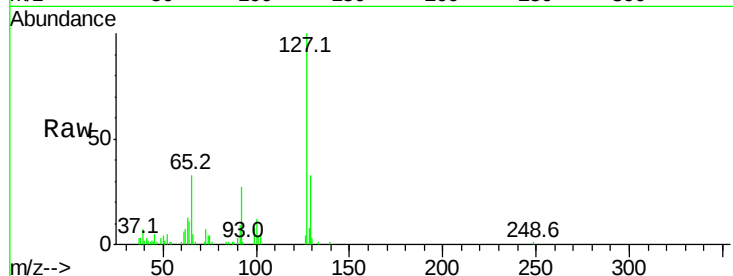




#33
4-Chloroaniline
Concen: 17.607 ng
RT: 11.02 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

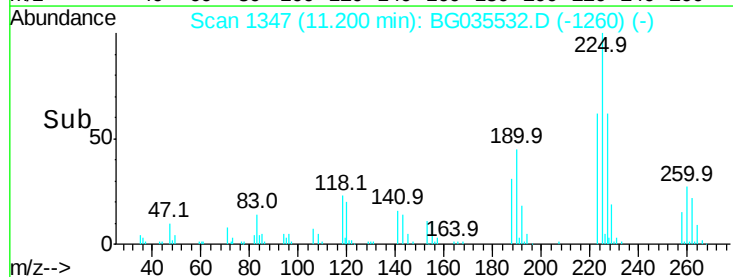
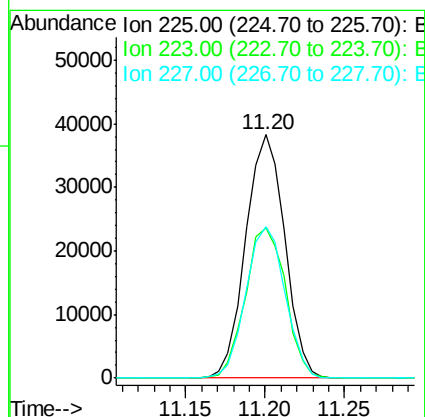
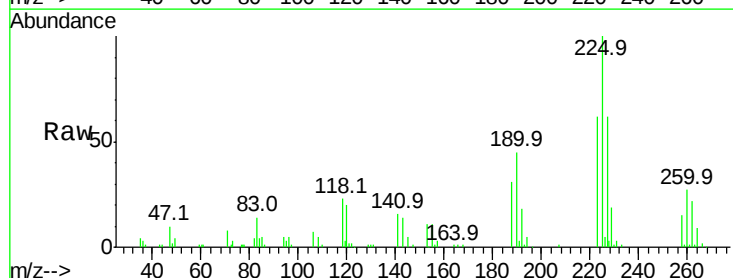
Instrument :
BNA_G
ClientSampleId :

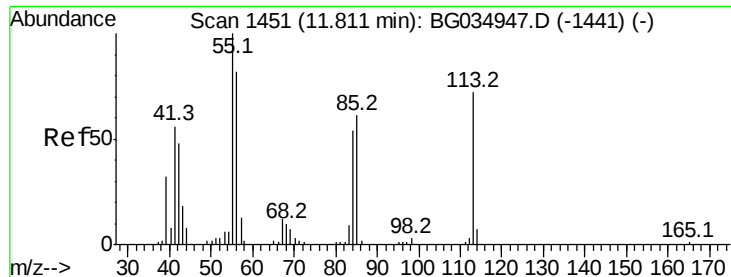
Tot Ion:	127	Resp:	39149
Ion	Ratio	Lower	Upper
127	100		
129	33.4	24.0	36.0
65	32.9	27.0	40.4
92	27.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 42.072 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Tgt Ion:	225	Resp:	65680
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.7	74.5
227	62.1	48.1	72.1





#35

Caprolactam

Concen: 32.357 ng

RT: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

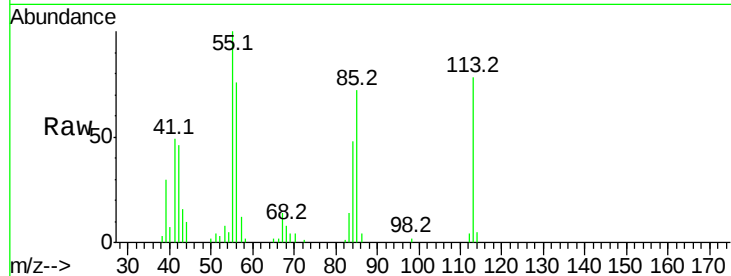
Tot Ion:113 Resp: 20019

Ion Ratio Lower Upper

113 100

55 128.9 186.9 226.9#

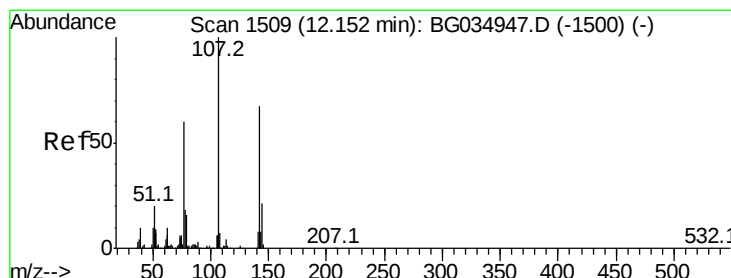
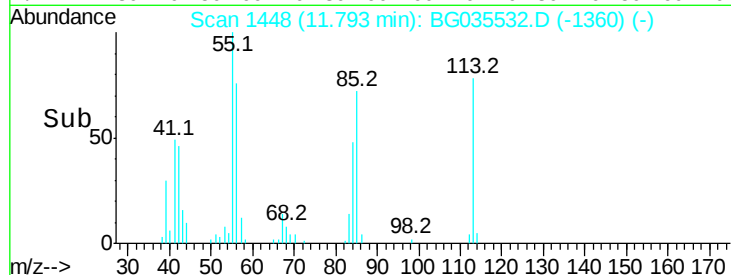
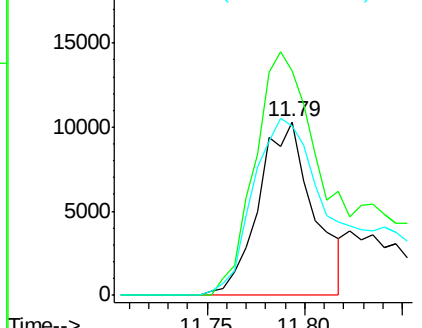
56 97.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 49.863 ng

RT: 12.14 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

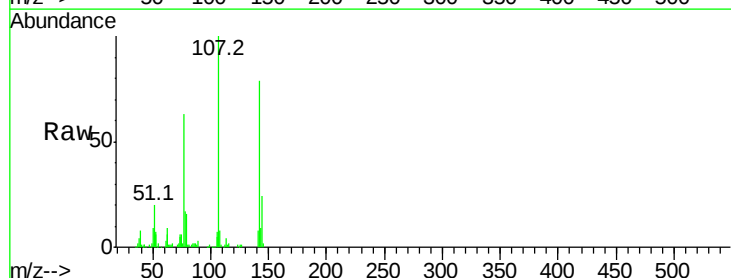
Tgt Ion:107 Resp: 104053

Ion Ratio Lower Upper

107 100

144 24.2 18.2 27.4

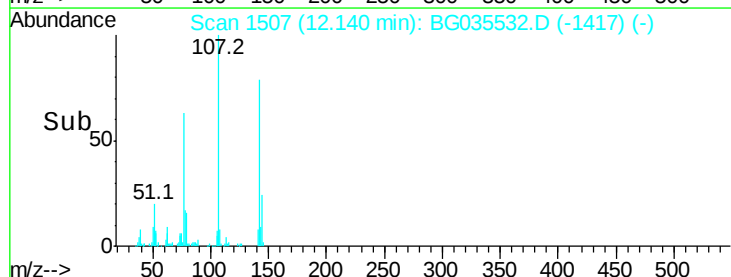
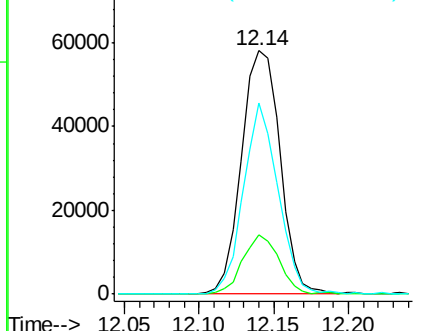
142 78.7 59.0 88.4

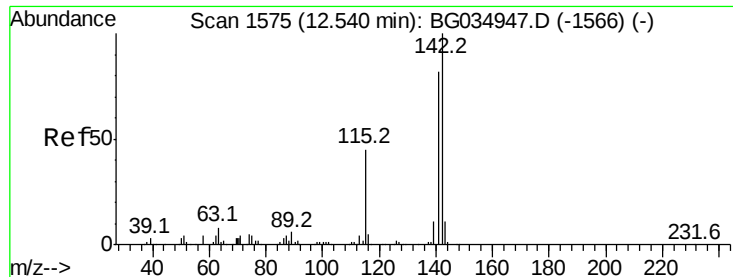


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

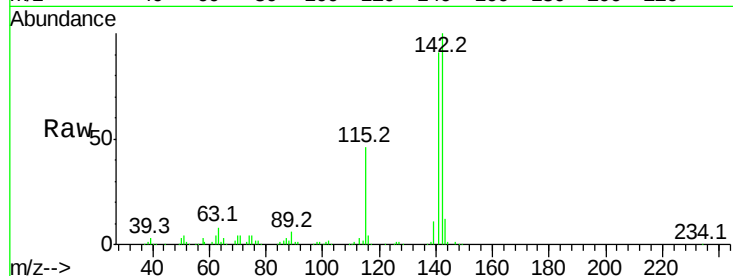




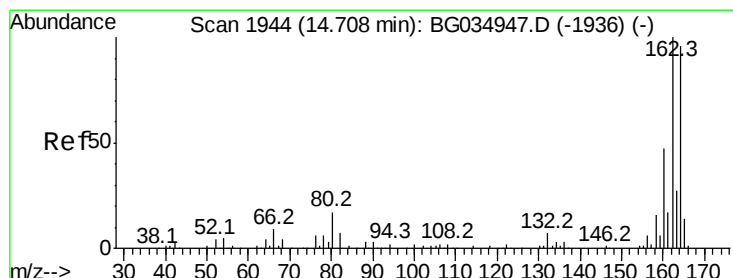
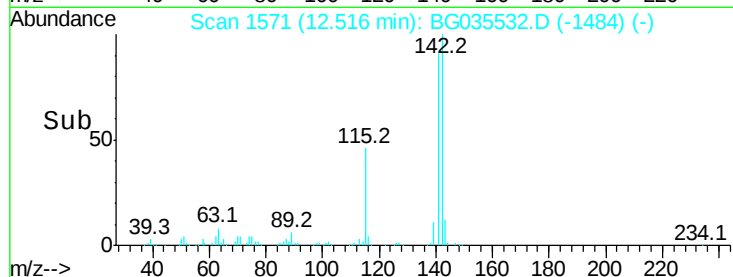
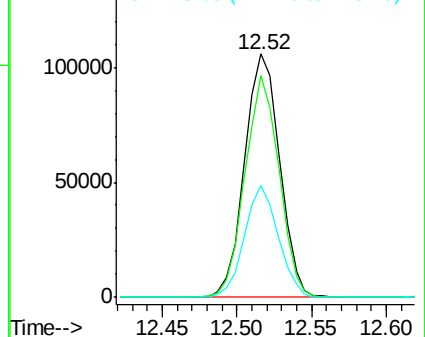
#37
2-Methylnaphthalene
Concen: 44.319 ng
RT: 12.52 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	67.1	100.7
115	45.9	30.7	46.1

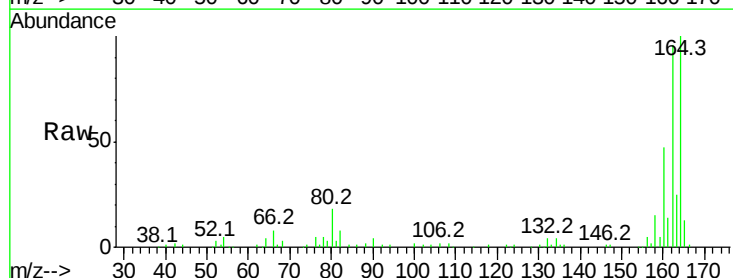


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

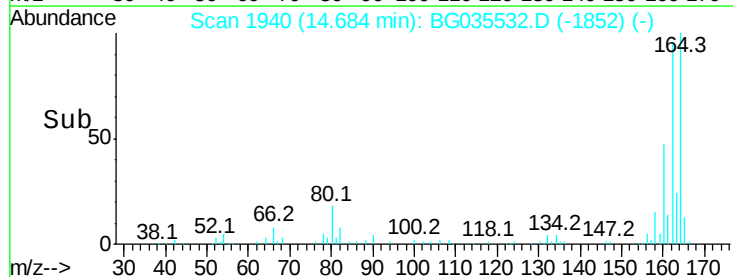
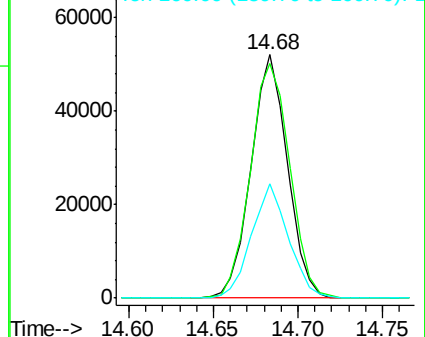


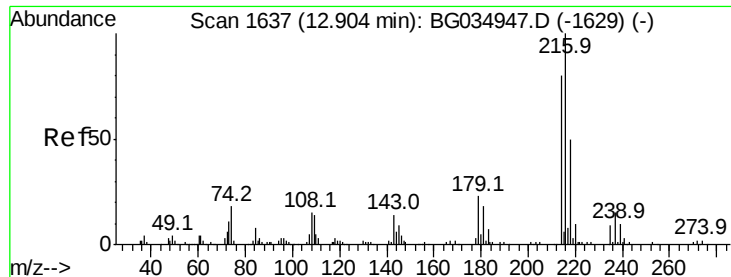
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.3	78.8	118.2
160	47.2	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.406 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 120576

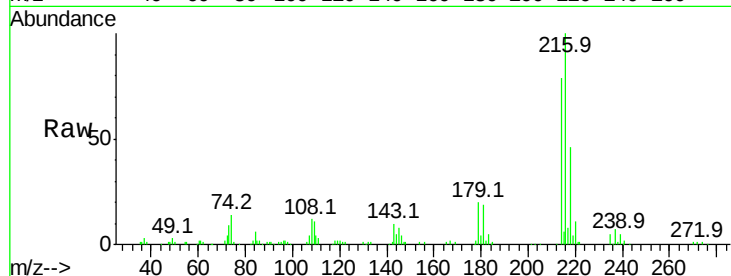
Ion Ratio Lower Upper

216 100

214 81.4 63.0 94.4

179 19.2 17.0 25.6

108 15.6 12.8 19.2

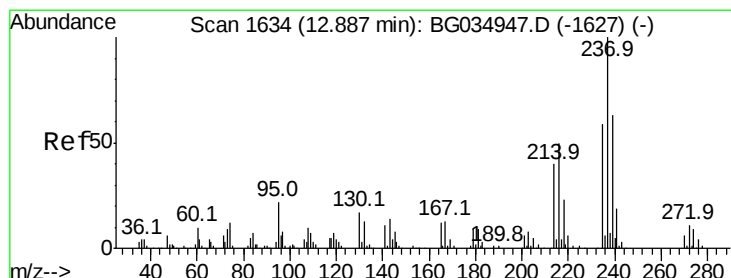
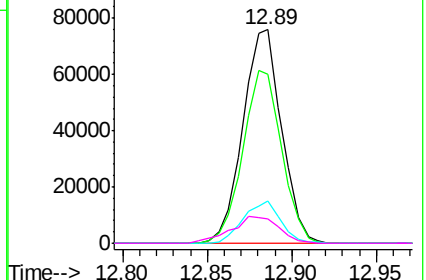
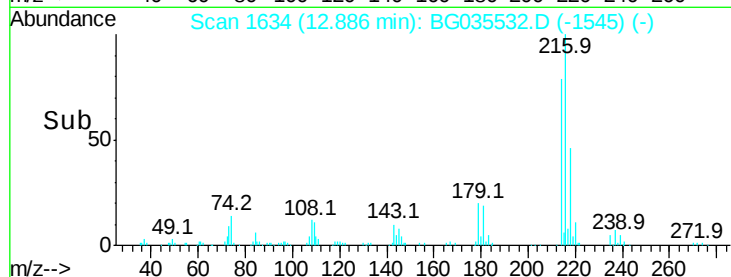


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 87.992 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

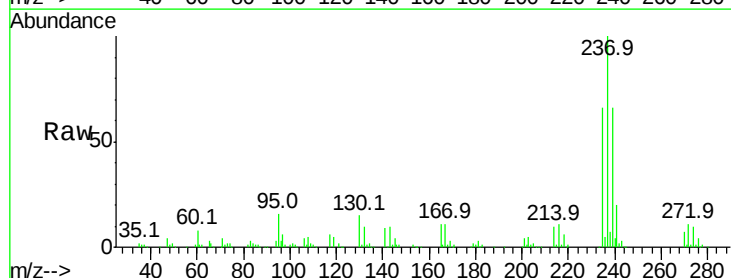
Tgt Ion:237 Resp: 160685

Ion Ratio Lower Upper

237 100

235 66.2 50.4 90.4

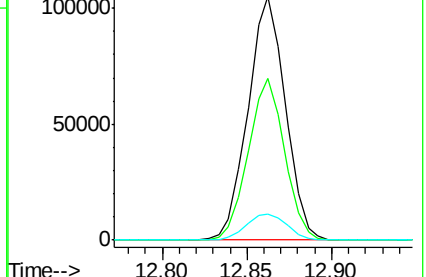
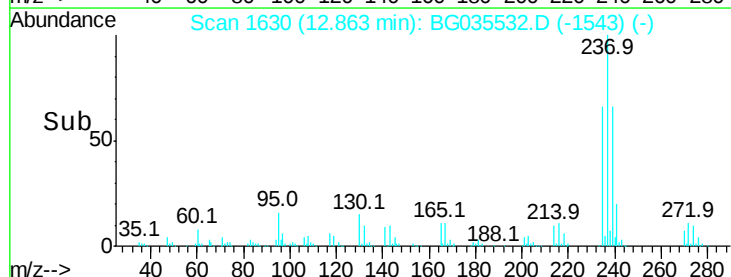
272 10.8 0.0 31.8

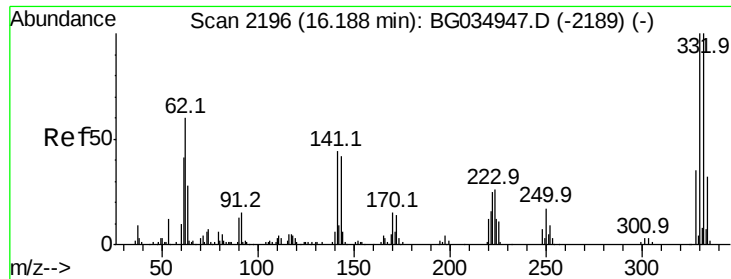


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

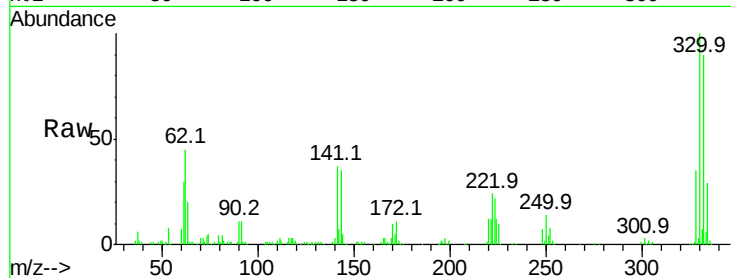




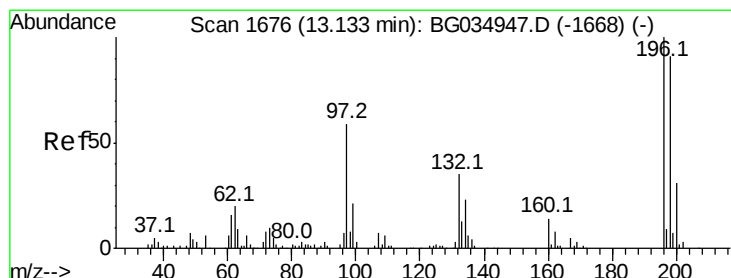
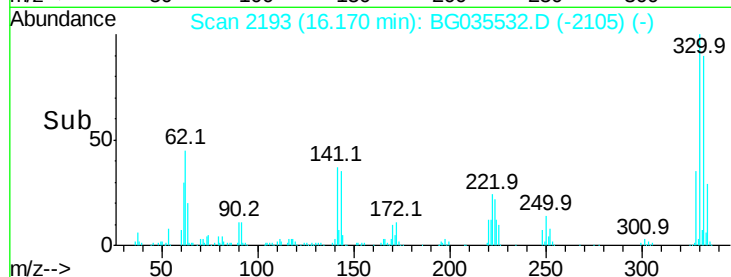
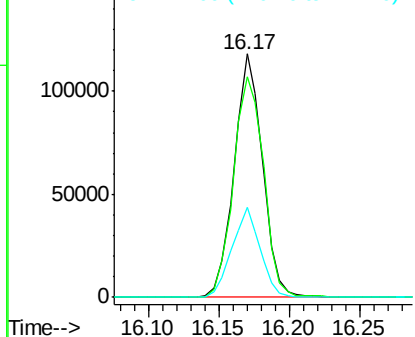
#41
 2,4,6-Tribromophenol
 Concen: 165.229 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 165362
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 36.4 25.2 37.8

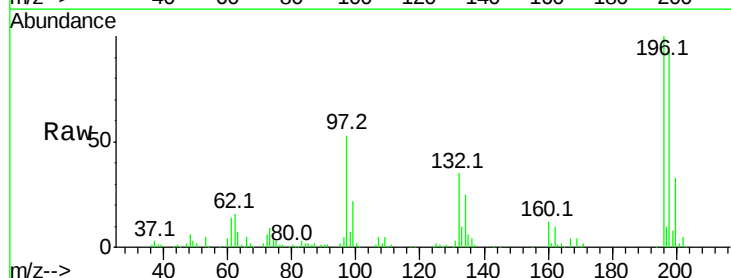


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

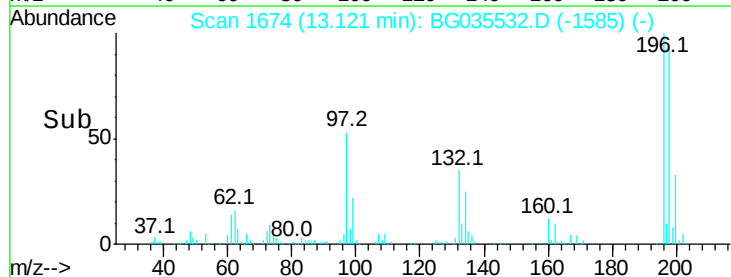
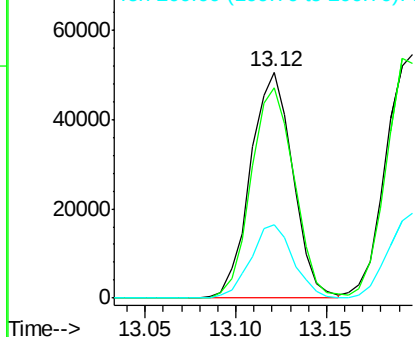


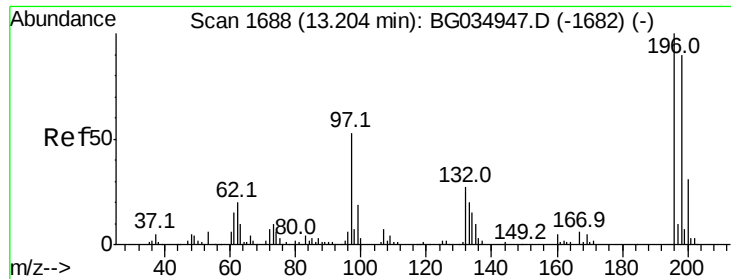
#42
 2,4,6-Trichlorophenol
 Concen: 47.062 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

Tgt Ion:196 Resp: 82061
 Ion Ratio Lower Upper
 196 100
 198 93.3 78.2 117.2
 200 32.7 24.6 36.8



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

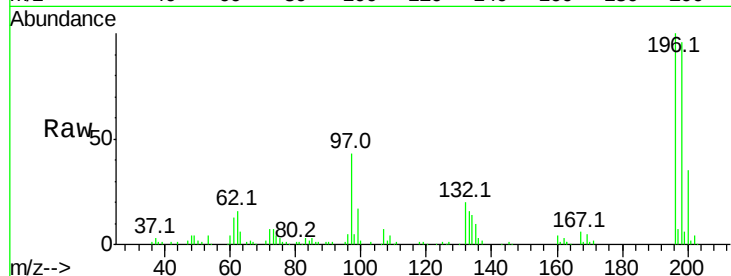




#43
 2,4,5-Trichlorophenol
 Concen: 48.149 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.4
97	42.7	38.7	58.1
132	20.1	20.2	30.2



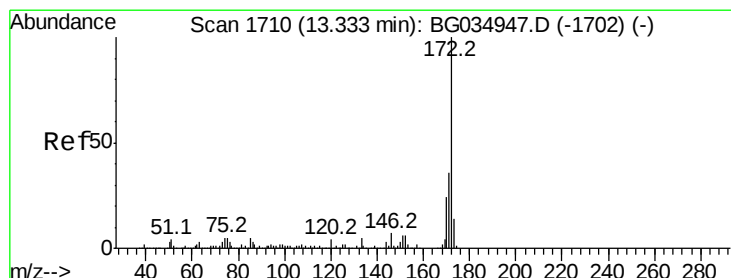
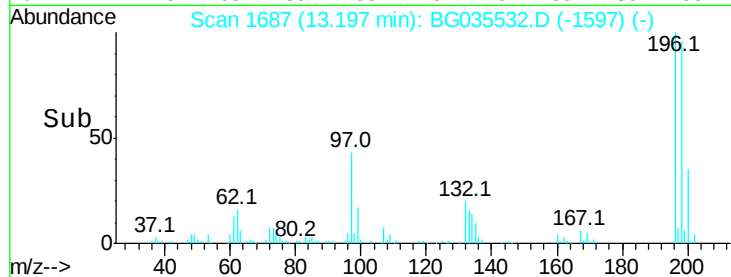
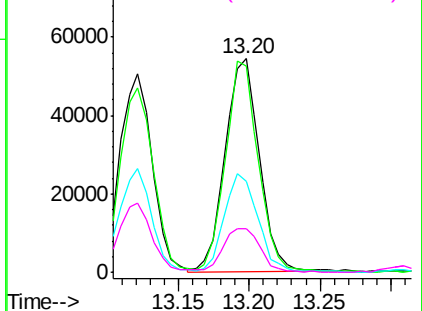
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

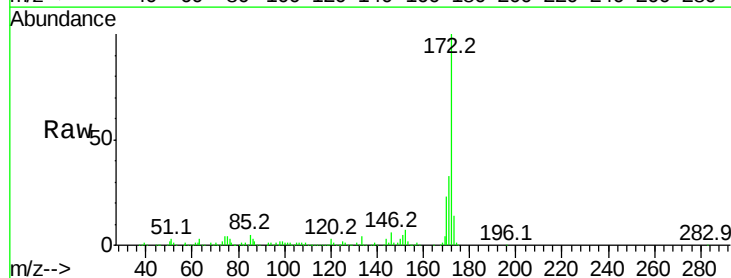
Ion 97.00 (96.70 to 97.70): B

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.645 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.3	30.0	45.0
170	22.9	19.5	29.3

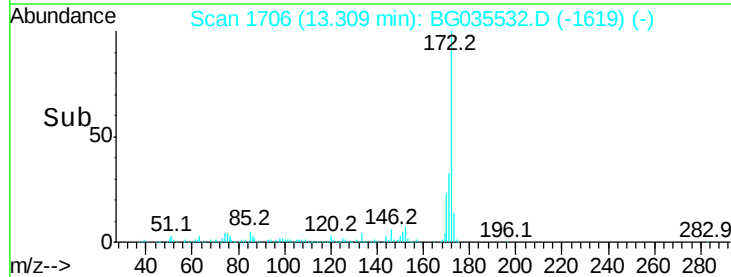
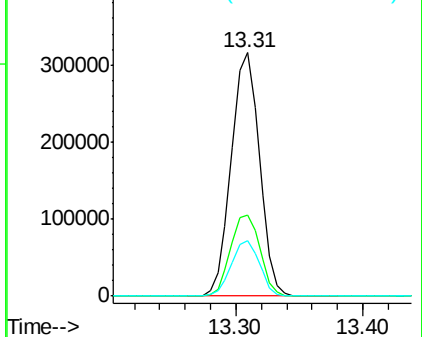


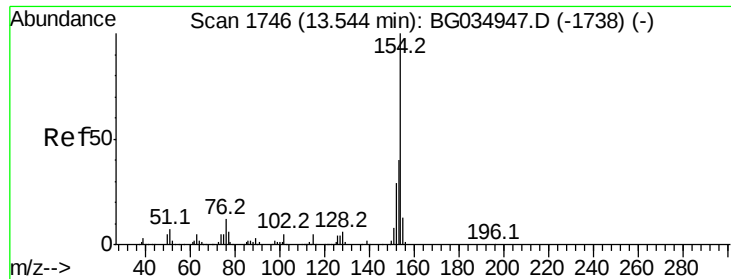
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

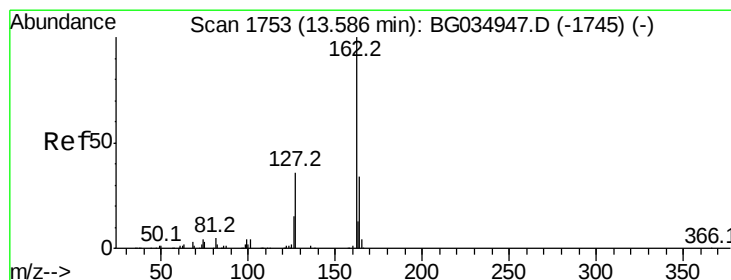
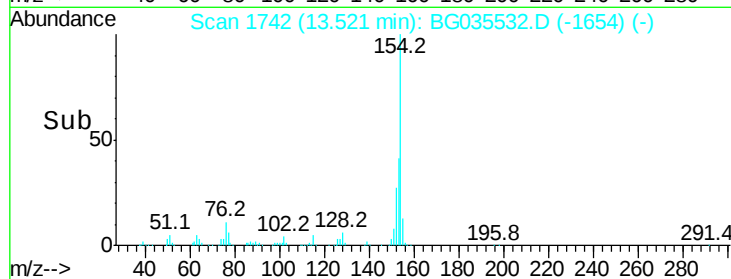
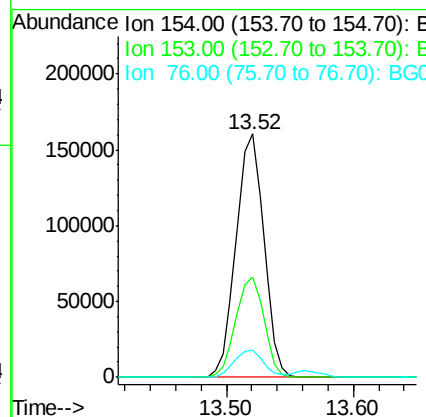
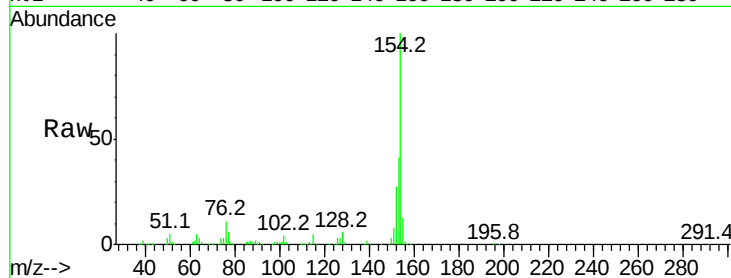




#45
 1,1'-Biphenyl
 Concen: 38.812 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

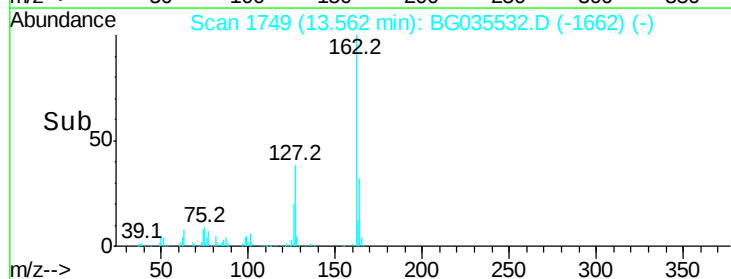
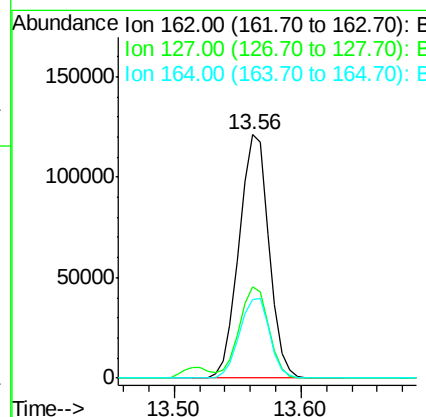
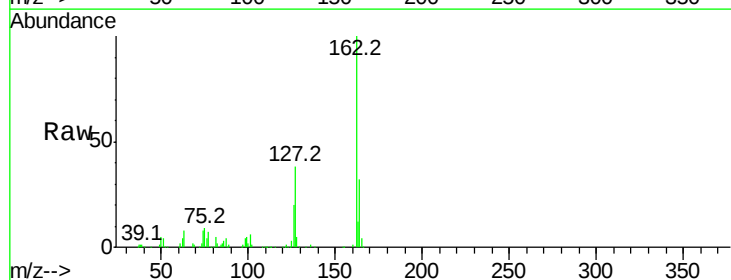
Instrument :
 BNA_G
 ClientSampleId :

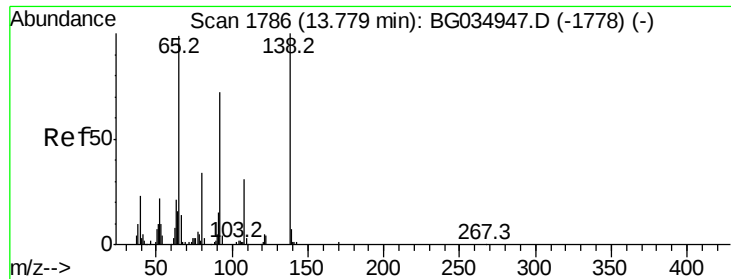
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.8	59.8
76	11.1	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 41.329 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.7	46.1
164	32.4	26.0	39.0

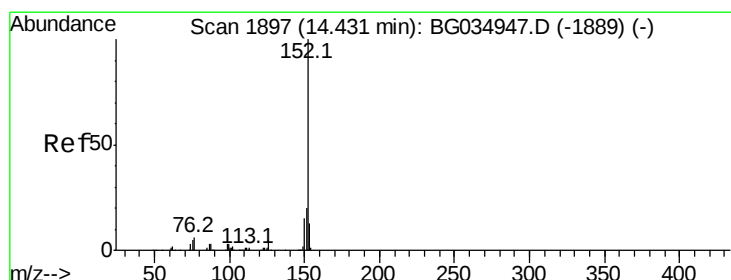
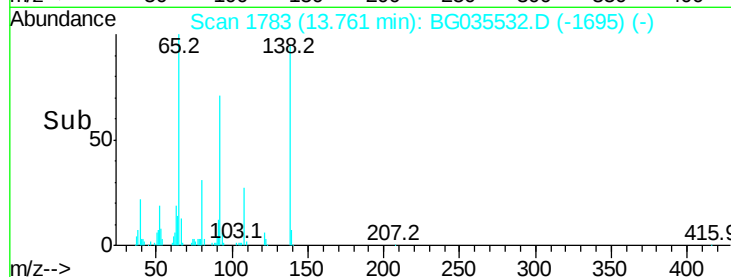
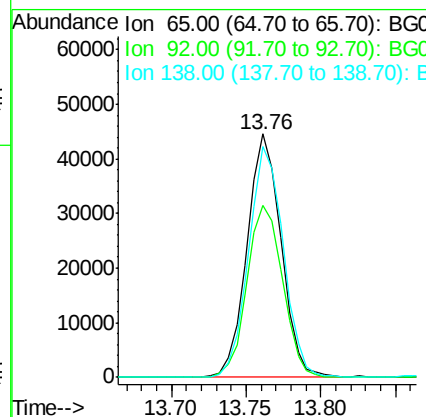
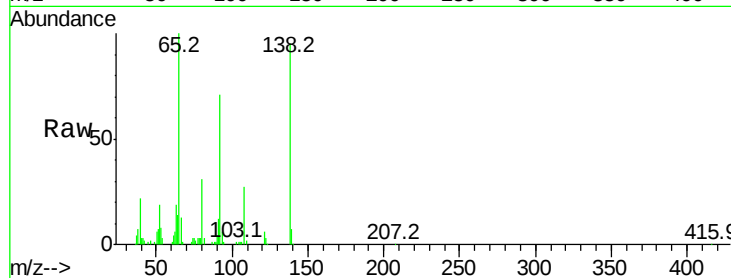




#47
2-Nitroaniline
Concen: 49.982 ng
RT: 13.76 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

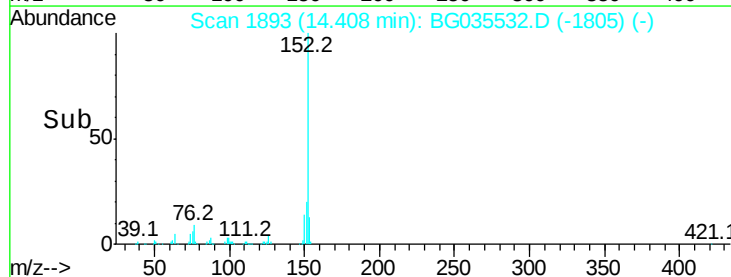
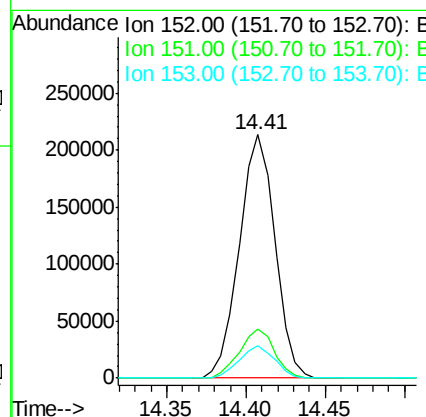
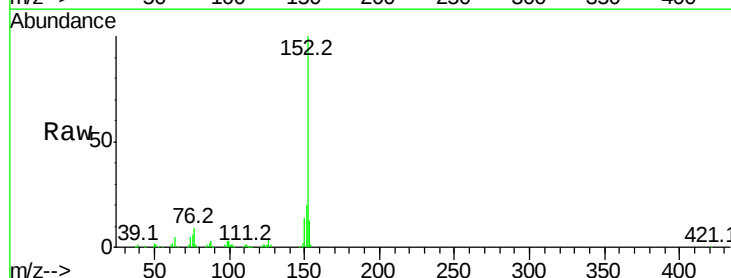
Instrument :
BNA_G
ClientSampleId :

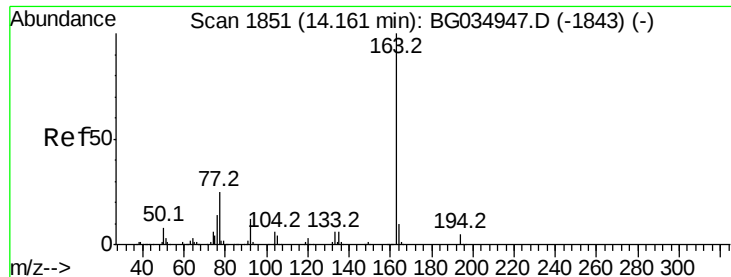
Tot Ion: 65 Resp: 70150
Ion Ratio Lower Upper
65 100
92 70.8 54.6 82.0
138 94.7 72.9 109.3



#48
Acenaphthylene
Concen: 41.878 ng
RT: 14.41 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Tgt Ion: 152 Resp: 333755
Ion Ratio Lower Upper
152 100
151 20.3 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 41.769 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampled :

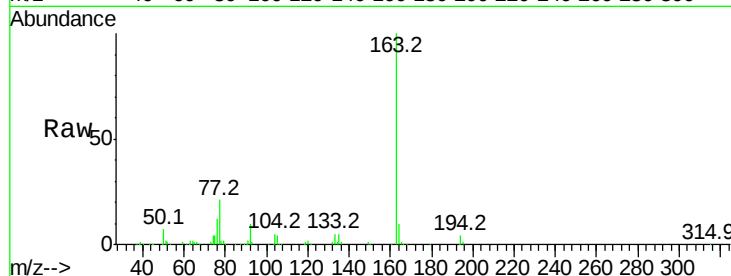
Tot Ion:163 Resp: 284760

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

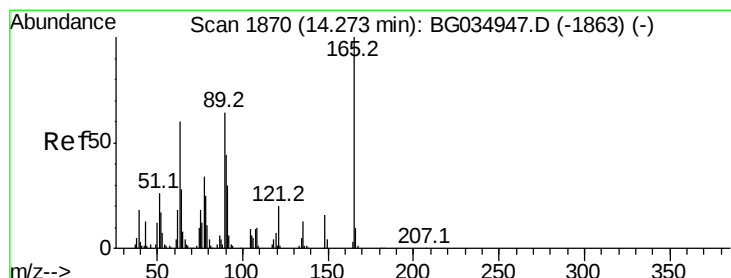
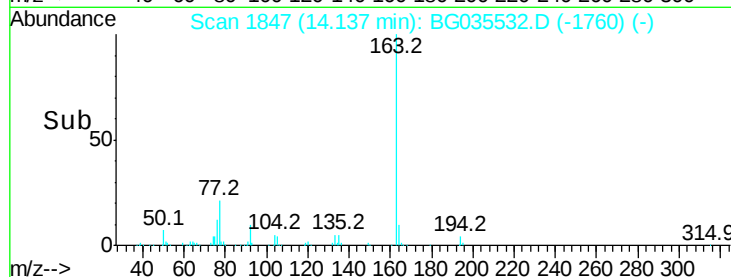
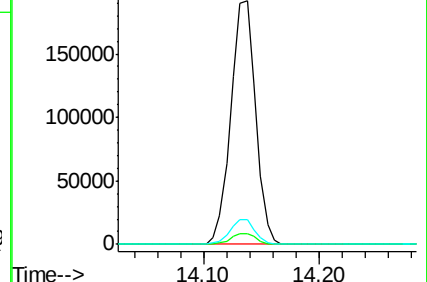
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.324 ng

RT: 14.25 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

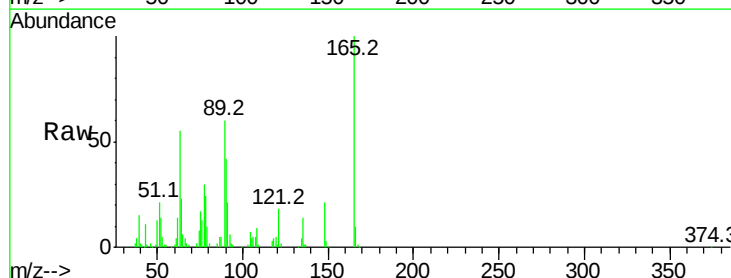
Tgt Ion:165 Resp: 65078

Ion Ratio Lower Upper

165 100

63 54.6 52.7 79.1

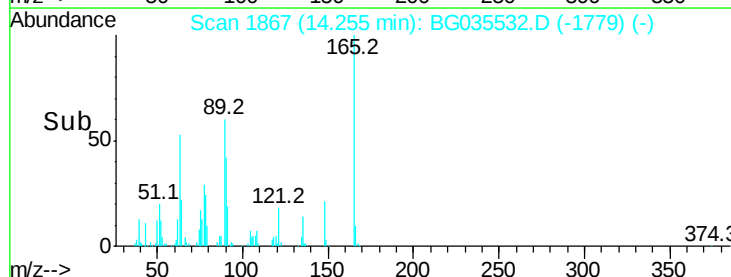
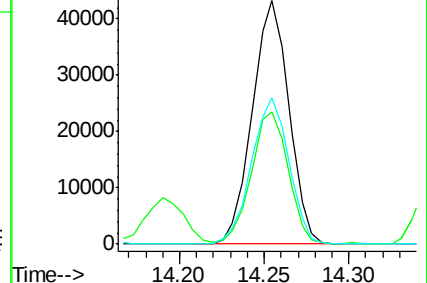
89 60.1 49.2 73.8

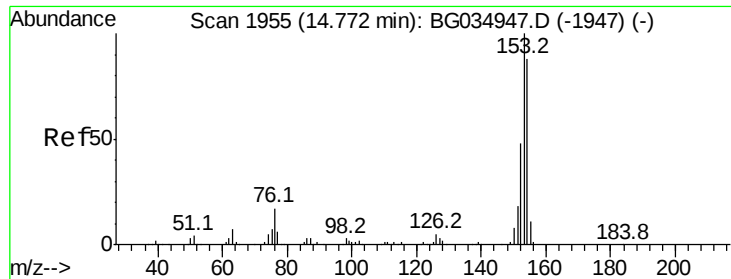


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 37.482 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

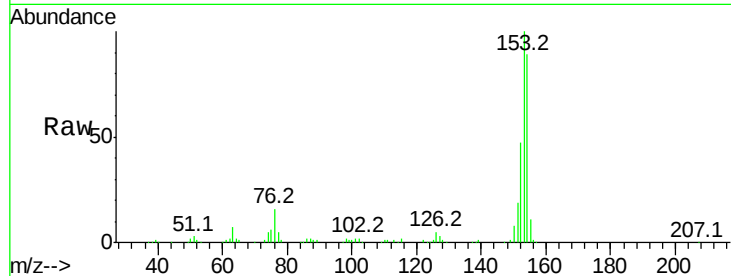
Tot Ion:154 Resp: 195174

Ion Ratio Lower Upper

154 100

153 112.6 90.4 135.6

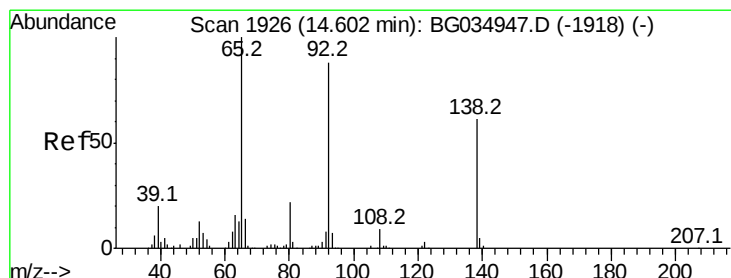
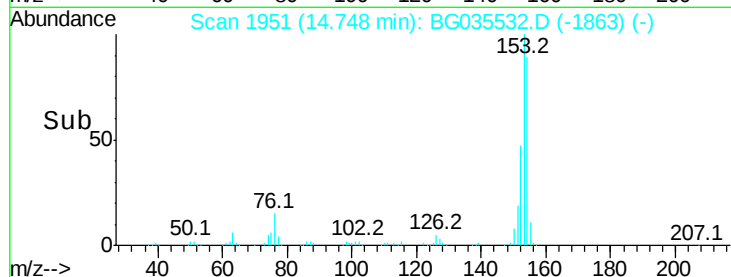
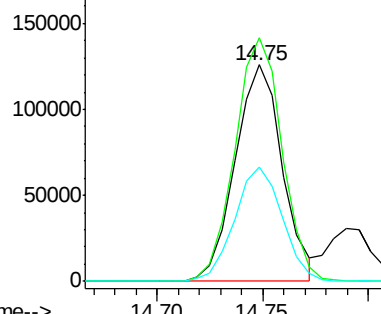
152 53.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.859 ng

RT: 14.58 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

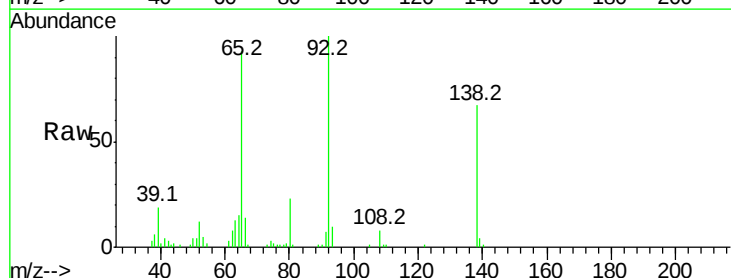
Tgt Ion:138 Resp: 31559

Ion Ratio Lower Upper

138 100

108 12.7 17.5 26.3#

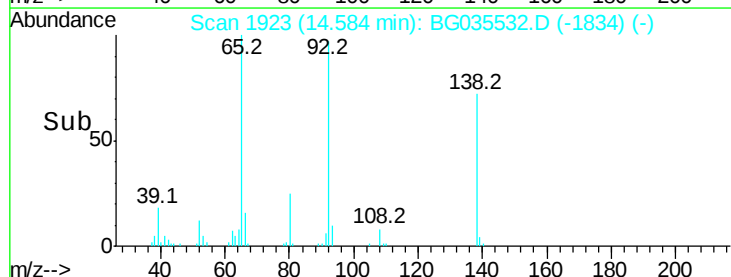
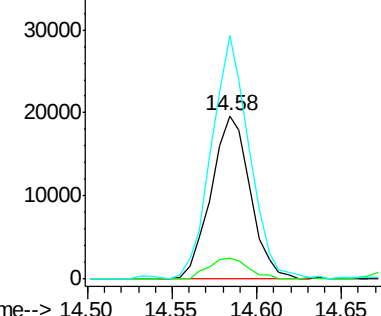
92 149.4 105.8 158.8

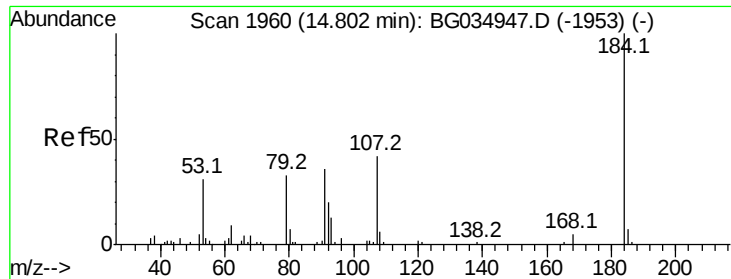


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

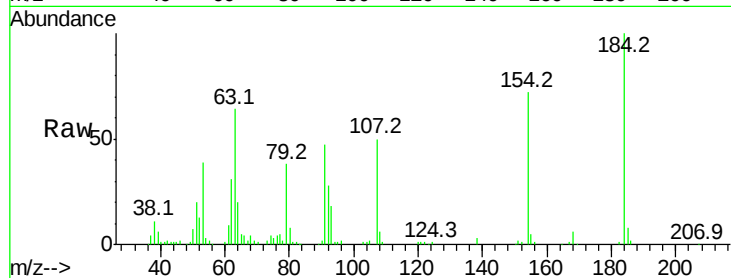




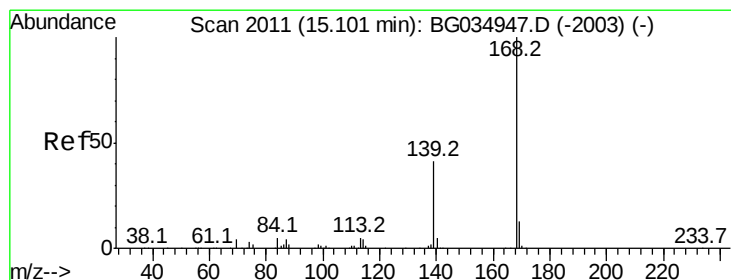
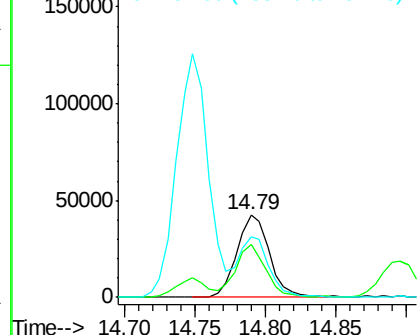
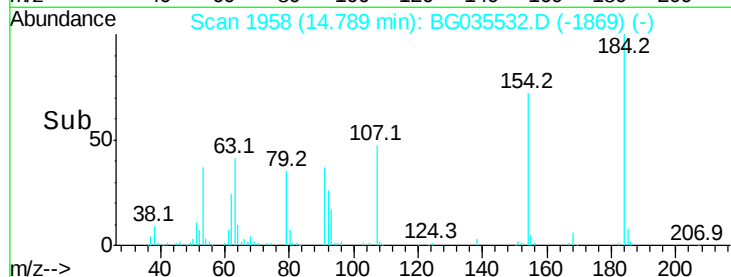
#53
2,4-Dinitrophenol
Concen: 136.849 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 68883
Ion Ratio Lower Upper
184 100
63 64.0 59.8 89.8
154 72.3 101.8 152.8#

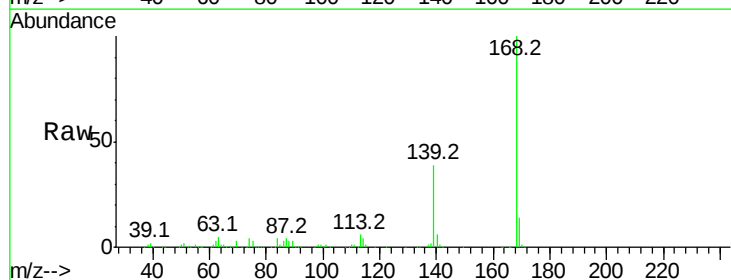


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

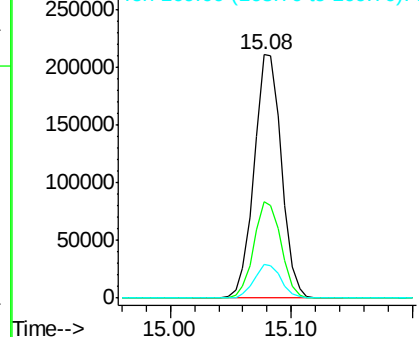
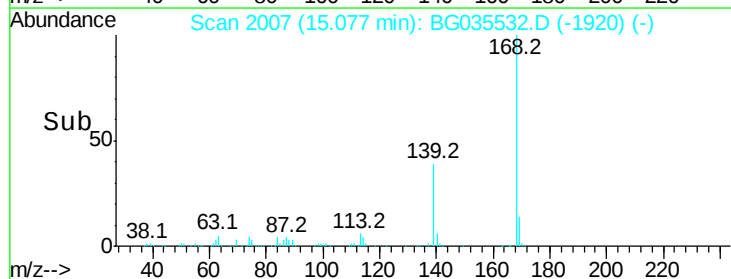


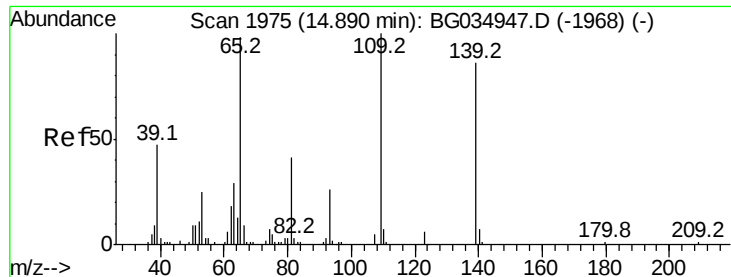
#54
Dibenzofuran
Concen: 42.465 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Tgt Ion:168 Resp: 331175
Ion Ratio Lower Upper
168 100
139 39.3 28.6 43.0
169 13.7 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 96.348 ng

RT: 14.90 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

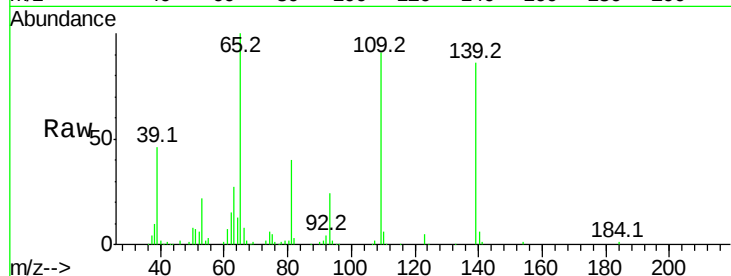
Tot Ion:139 Resp: 99240

Ion Ratio Lower Upper

139 100

109 106.0 62.2 102.2#

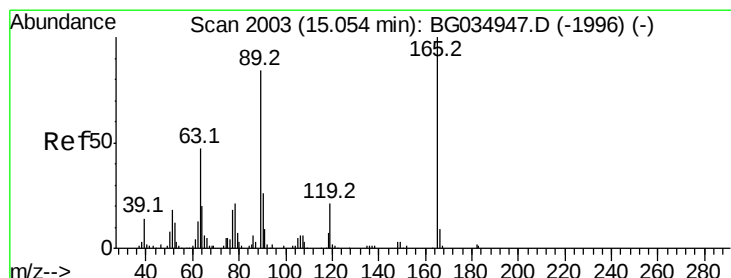
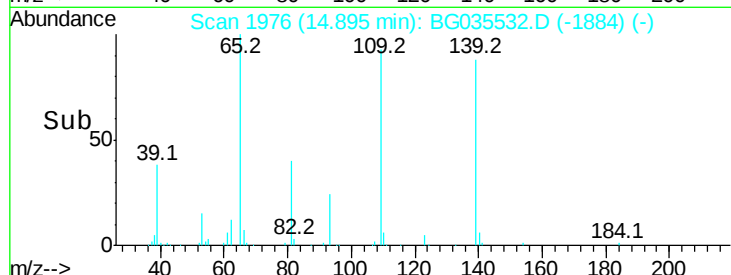
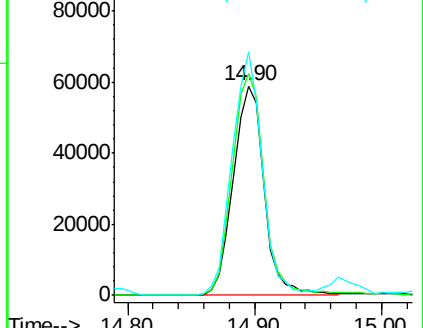
65 116.1 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 59.222 ng

RT: 15.04 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Tgt Ion:165 Resp: 97846

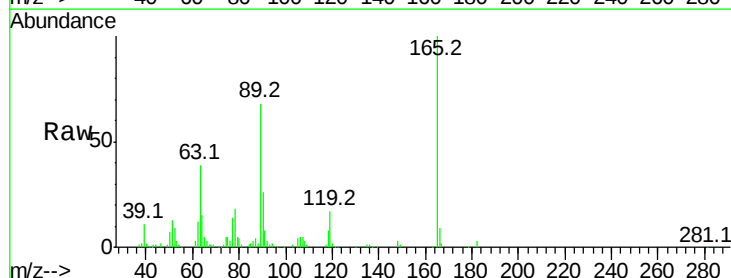
Ion Ratio Lower Upper

165 100

63 38.8 42.0 63.0#

89 67.8 66.9 100.3

182 3.2 2.6 3.8

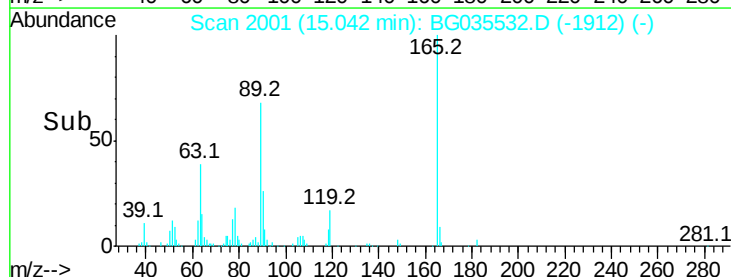
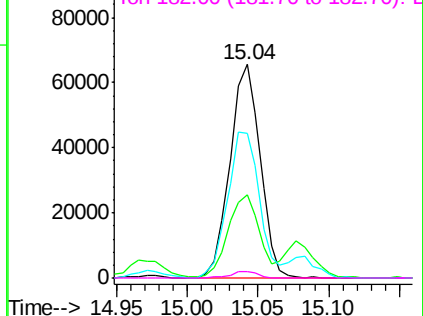


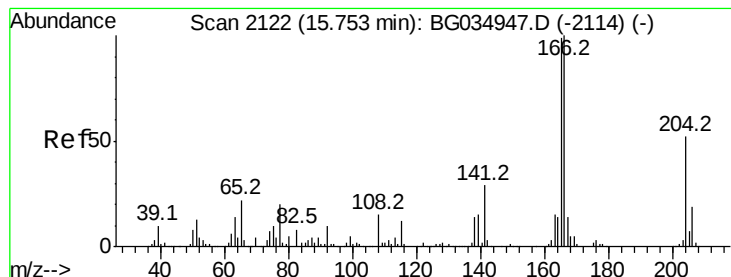
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.131 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

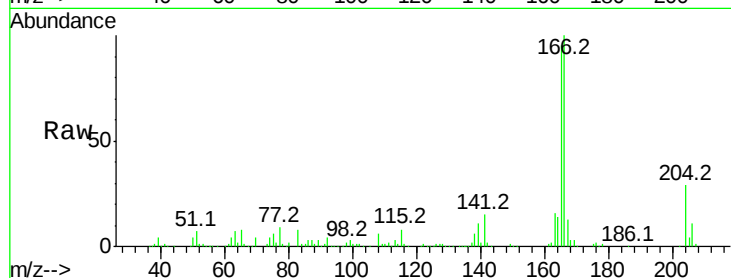
Tot Ion:166 Resp: 281113

Ion Ratio Lower Upper

166 100

165 95.2 80.6 121.0

167 13.5 10.4 15.6

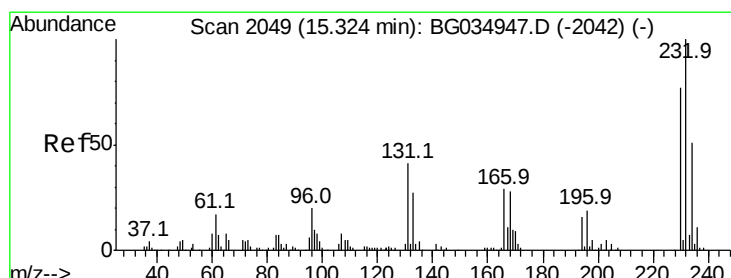
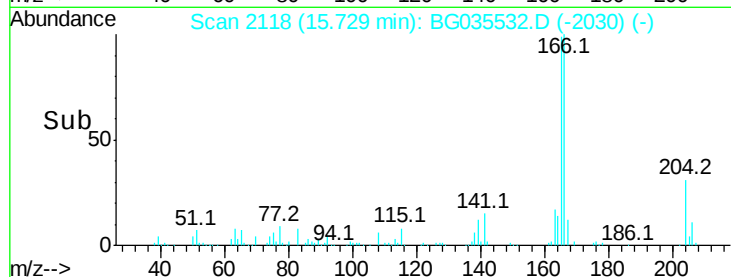
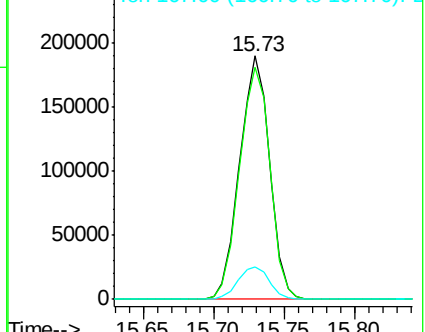


Abundance

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.708 ng

RT: 15.31 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Tgt Ion:232 Resp: 97995

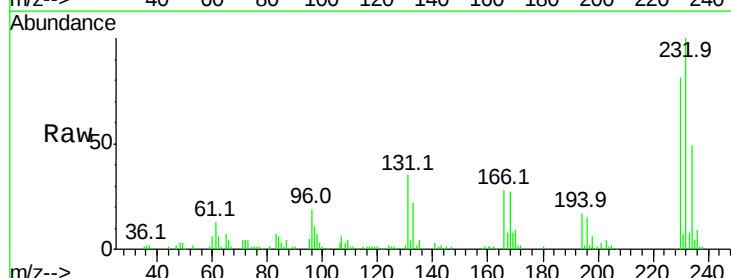
Ion Ratio Lower Upper

232 100

131 37.5 33.5 50.3

130 2.2 2.2 3.2

166 26.8 24.8 37.2



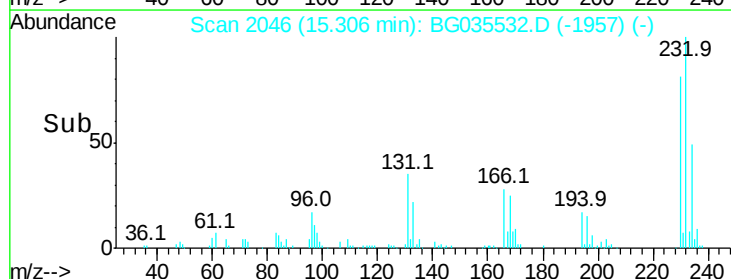
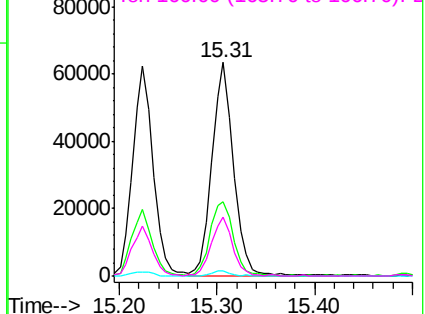
Abundance

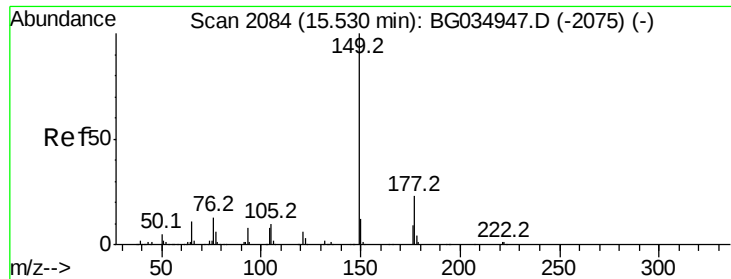
Ion 232.00 (231.70 to 232.70): E

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

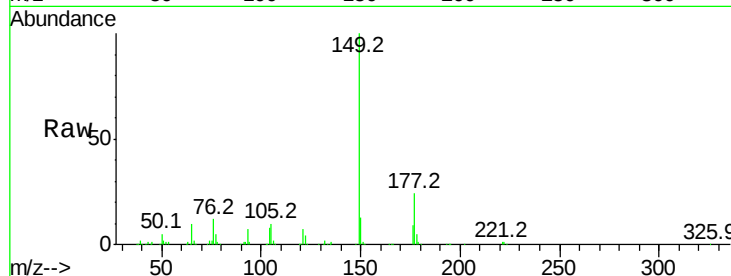




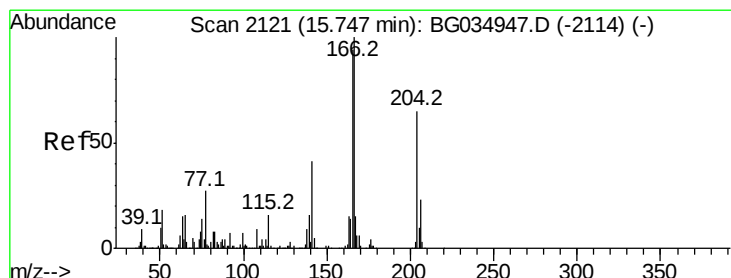
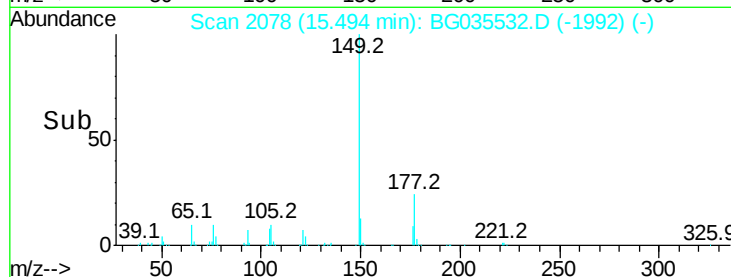
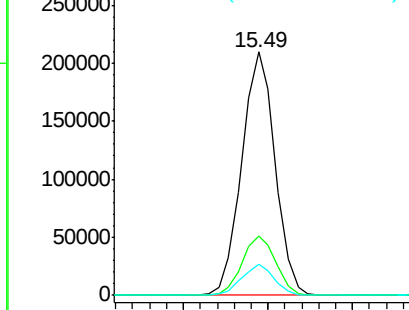
#59
Diethylphthalate
Concen: 41.318 ng
RT: 15.49 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.5	27.7
150	12.6	10.2	15.2

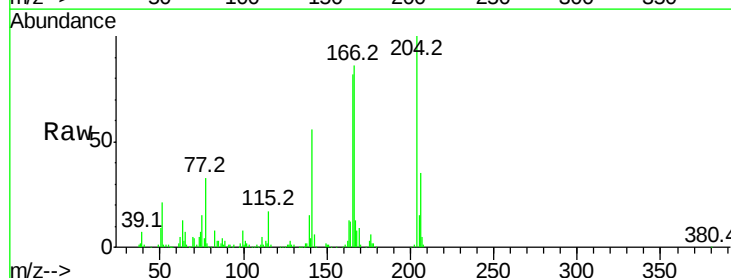


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

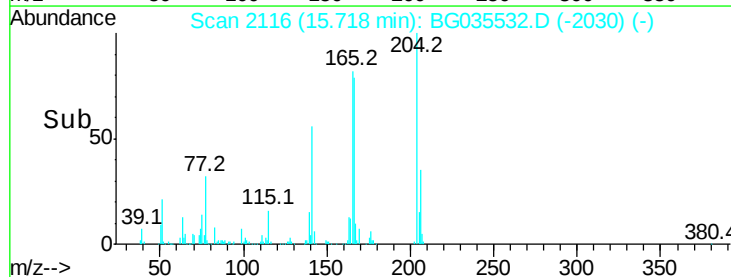
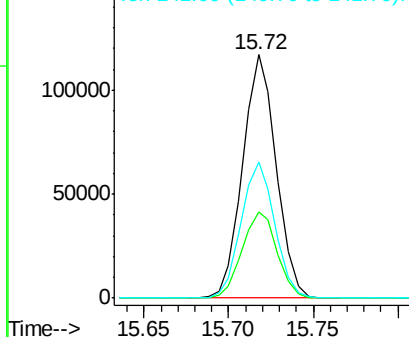


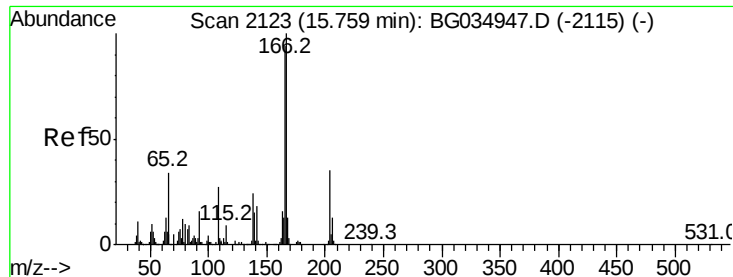
#60
4-Chlorophenyl-phenylether
Concen: 43.432 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.2	26.2	39.2
141	56.1	45.8	68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

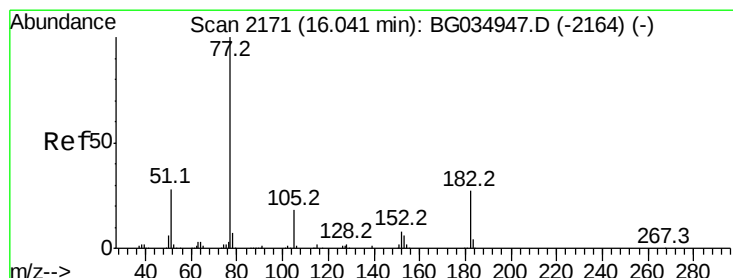
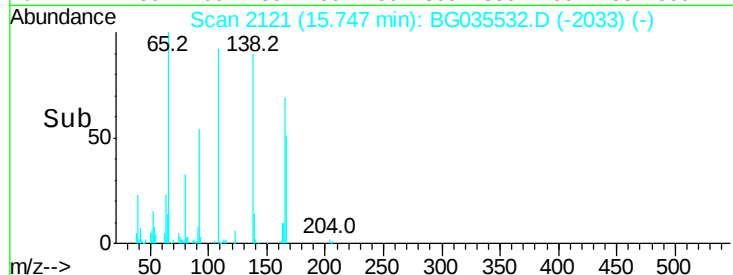
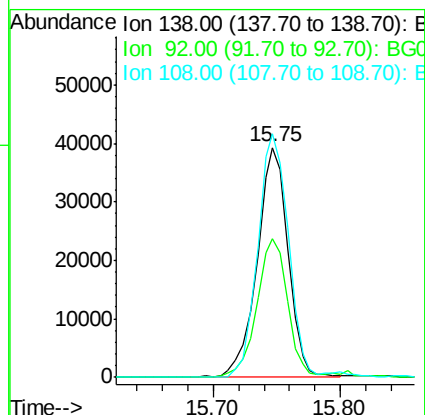
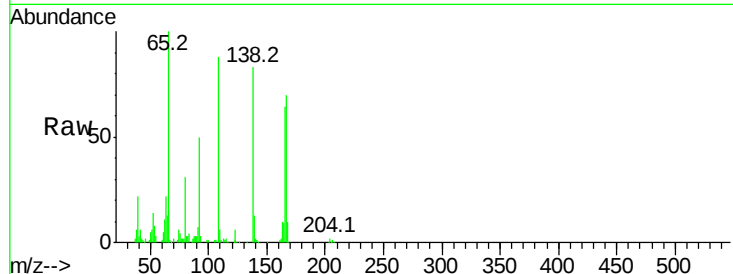




#61
4-Nitroaniline
Concen: 51.149 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

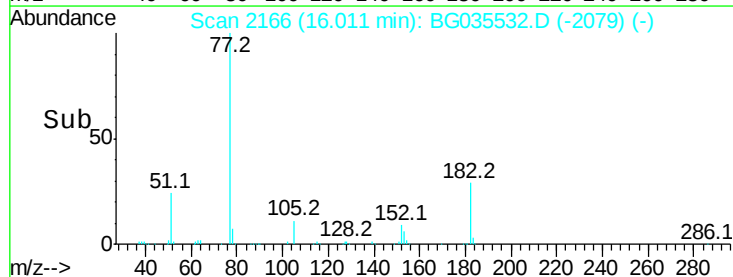
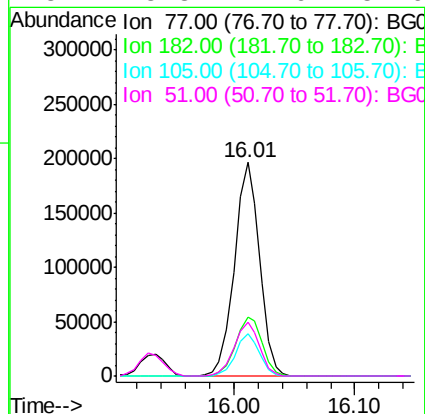
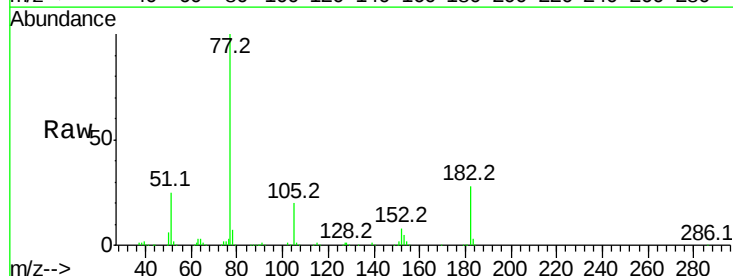
Instrument :
BNA_G
ClientSampled :

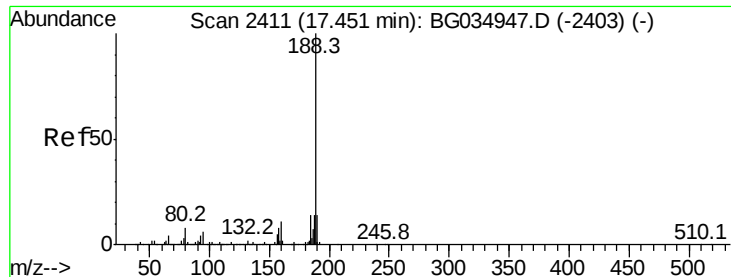
Tot Ion:138 Resp: 66946
Ion Ratio Lower Upper
138 100
92 60.5 40.1 80.1
108 106.0 65.4 105.4#



#62
Azobenzene
Concen: 41.603 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Tgt Ion: 77 Resp: 283571
Ion Ratio Lower Upper
77 100
182 27.7 7.4 47.4
105 19.8 0.3 40.3
51 25.3 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

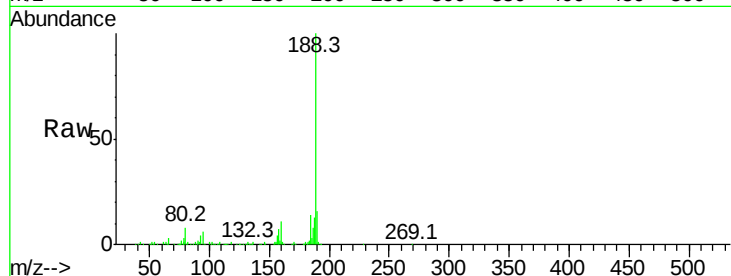
Tot Ion:188 Resp: 223286

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

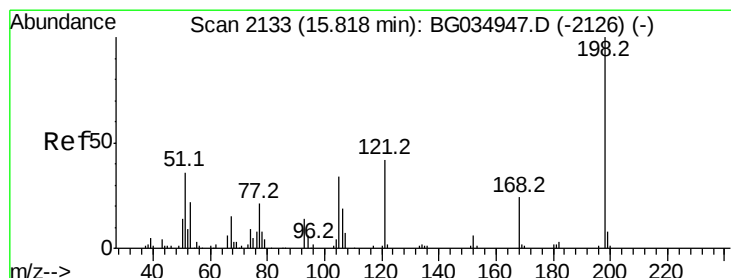
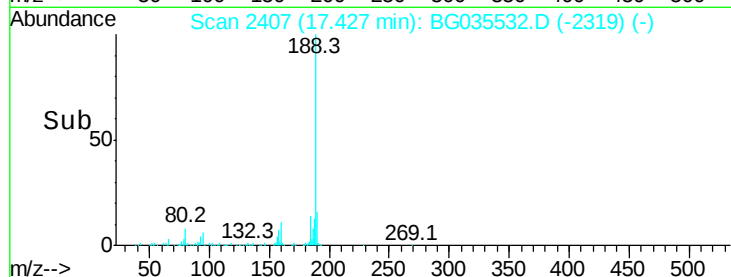
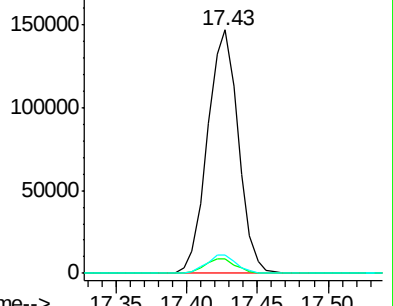
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 54.547 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

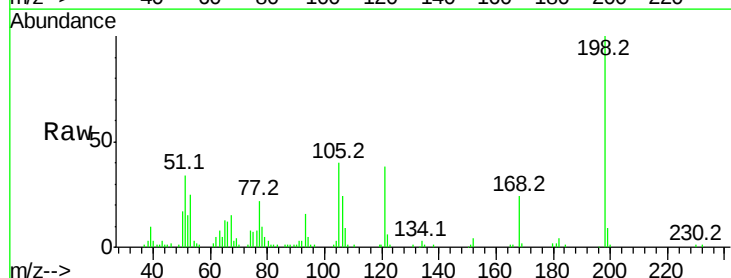
Tgt Ion:198 Resp: 55608

Ion Ratio Lower Upper

198 100

51 33.9 30.6 70.6

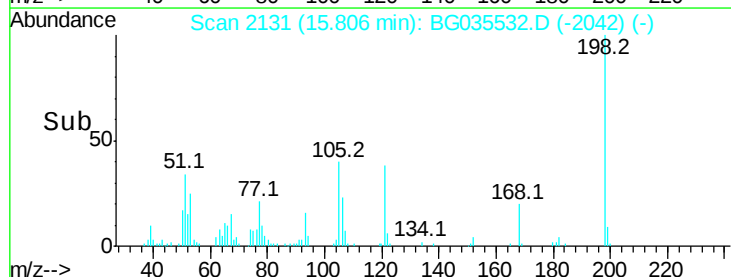
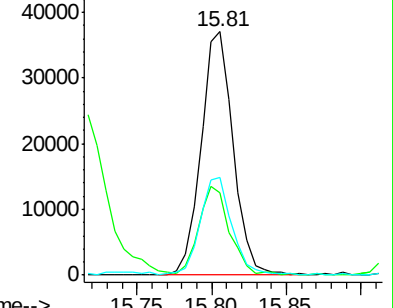
105 40.1 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.161 ng

RT: 15.93 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

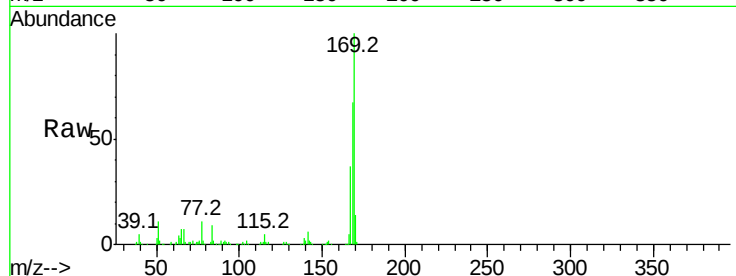
Tot Ion:169 Resp: 255888

Ion Ratio Lower Upper

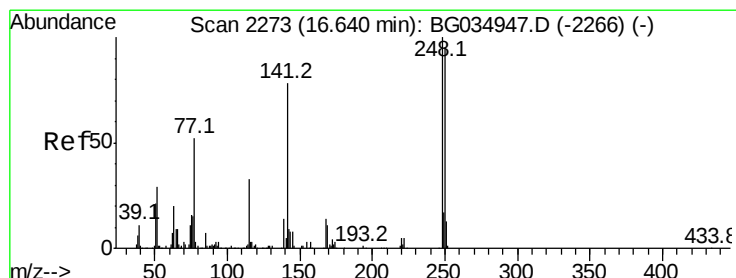
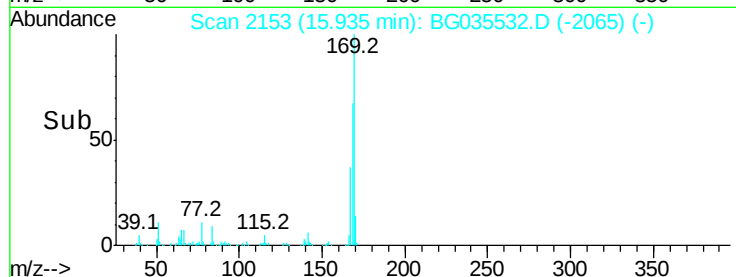
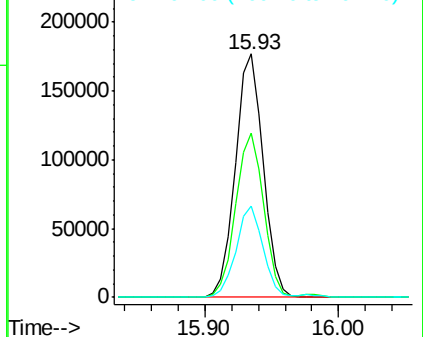
169 100

168 67.3 55.7 83.5

167 37.3 30.1 45.1



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



#66

4-Bromophenyl-phenylether

Concen: 42.303 ng

RT: 16.61 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

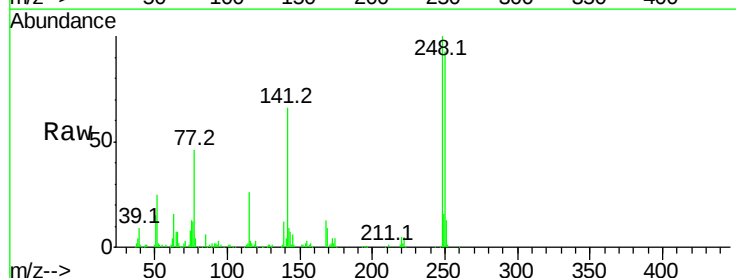
Tgt Ion:248 Resp: 113749

Ion Ratio Lower Upper

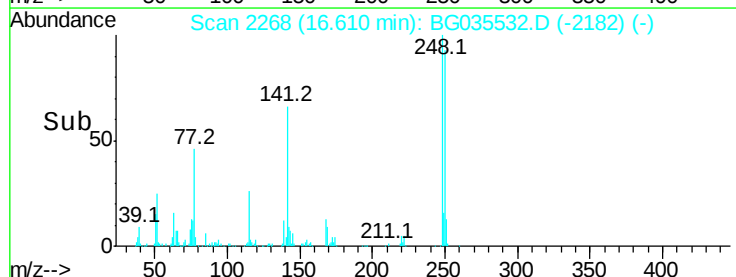
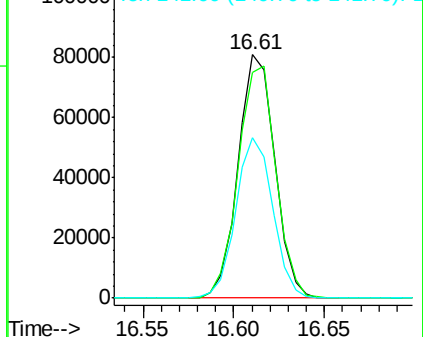
248 100

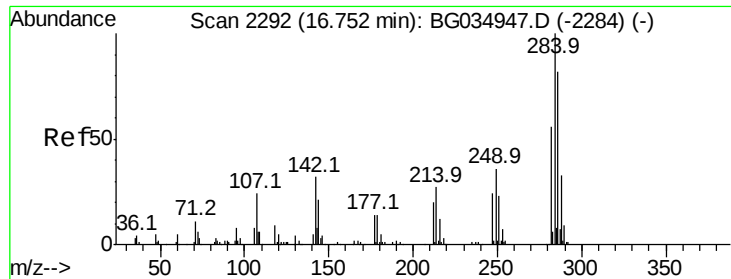
250 92.5 77.1 115.7

141 65.7 50.8 76.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.654 ng

RT: 16.73 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampled :

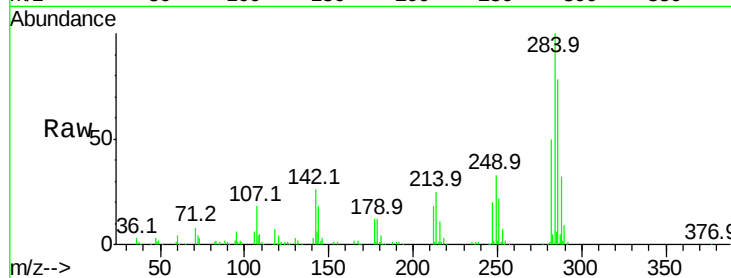
Tot Ion:284 Resp: 119475

Ion Ratio Lower Upper

284 100

142 25.6 26.8 40.2#

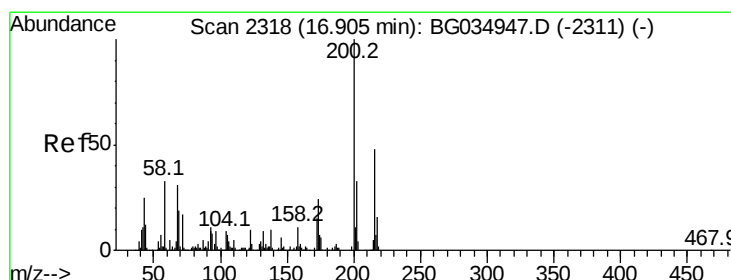
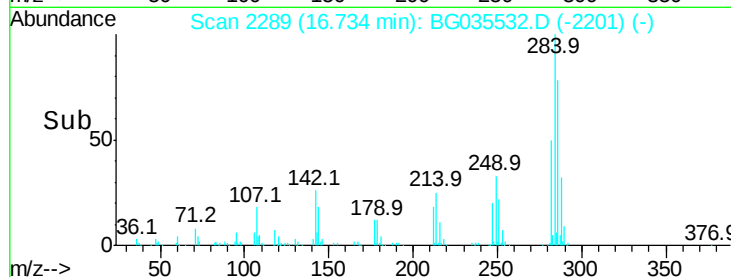
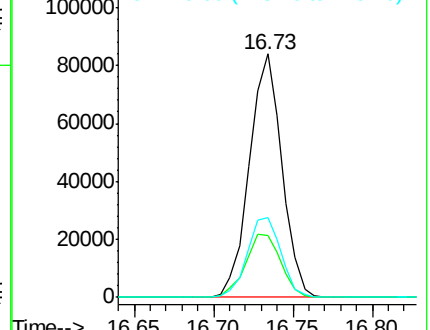
249 32.9 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.889 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

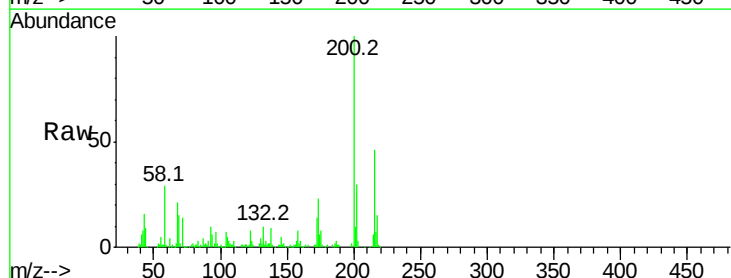
Tgt Ion:200 Resp: 119783

Ion Ratio Lower Upper

200 100

173 22.8 5.2 45.2

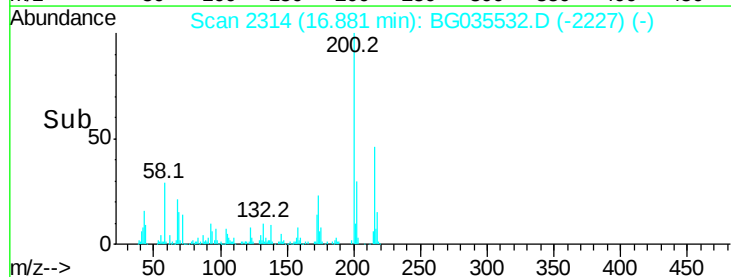
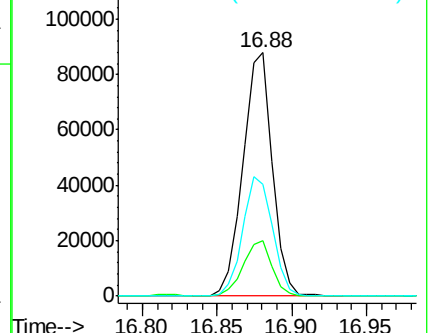
215 45.9 30.4 70.4

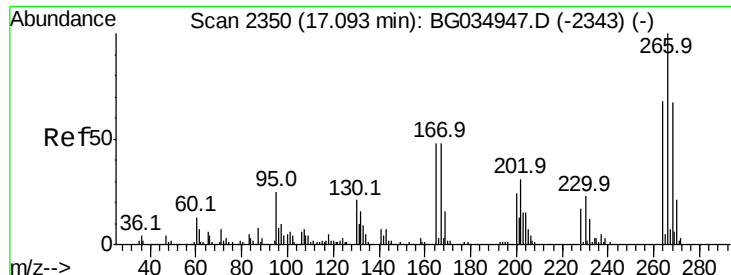


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 71.147 ng

RT: 17.07 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

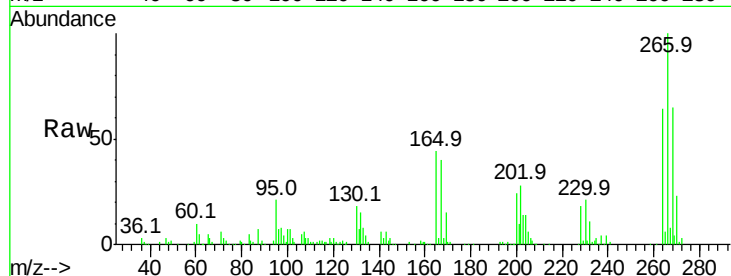
Tot Ion:266 Resp: 130935

Ion Ratio Lower Upper

266 100

268 64.9 51.1 76.7

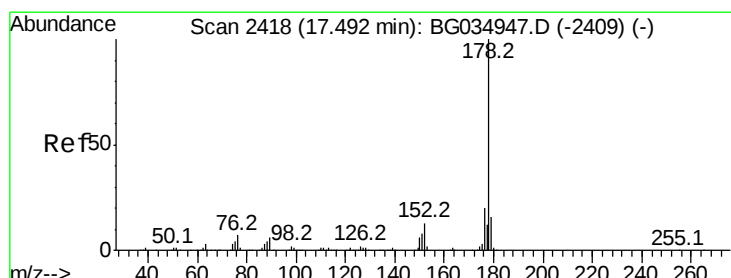
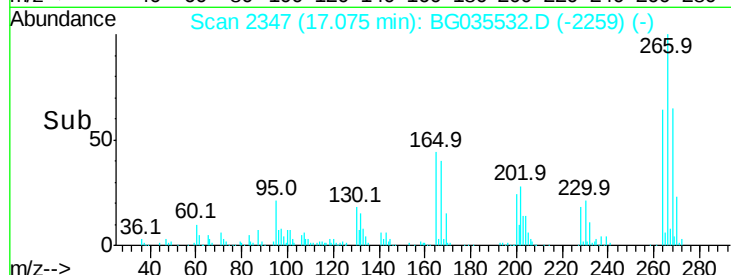
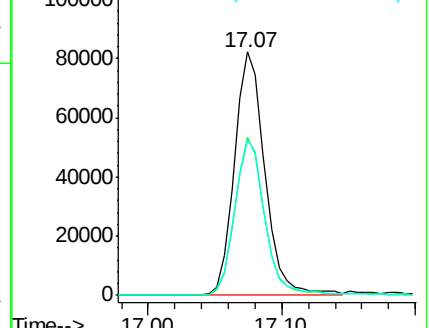
264 63.6 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.647 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

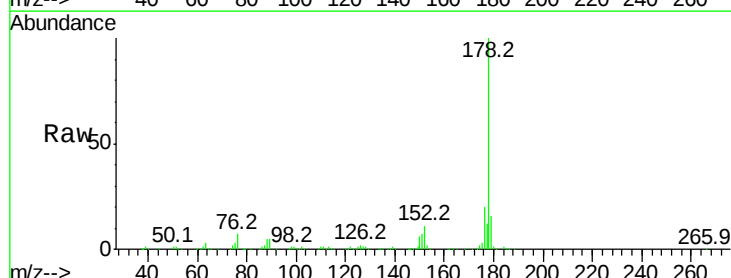
Tgt Ion:178 Resp: 483719

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

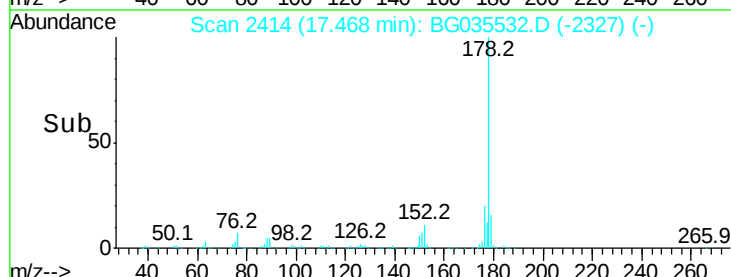
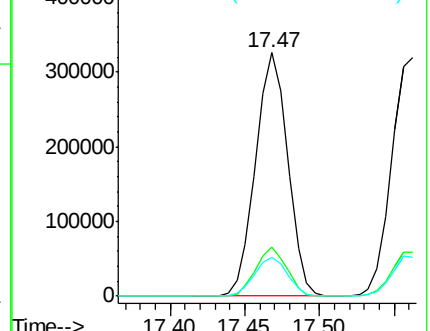
179 15.7 12.5 18.7

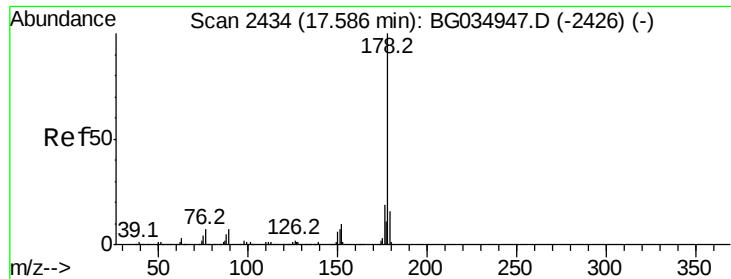


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

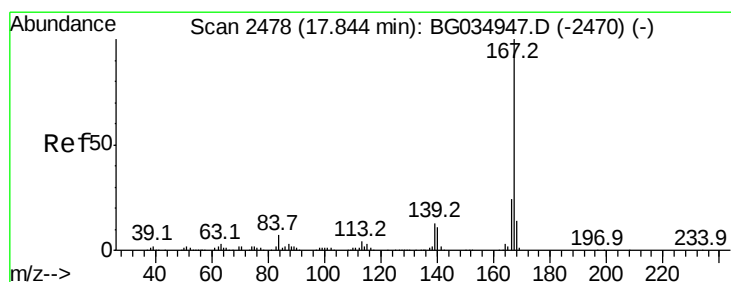
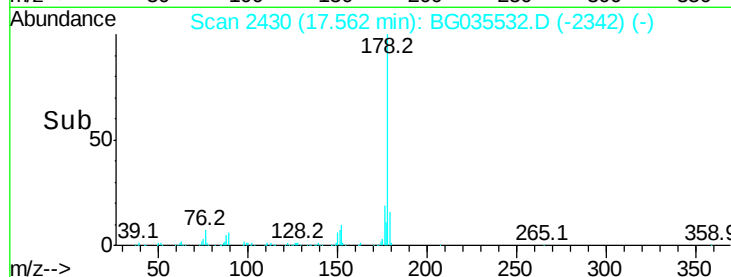
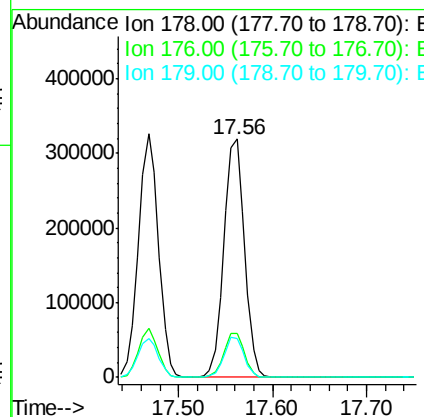
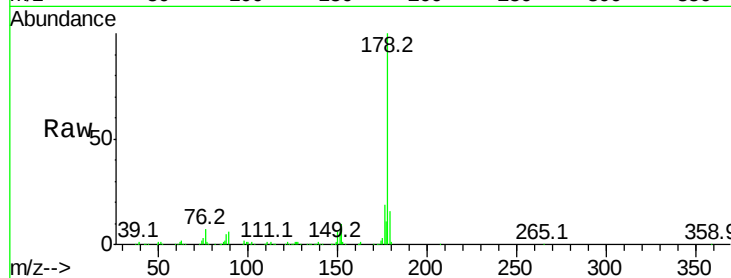




#71
 Anthracene
 Concen: 43.144 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

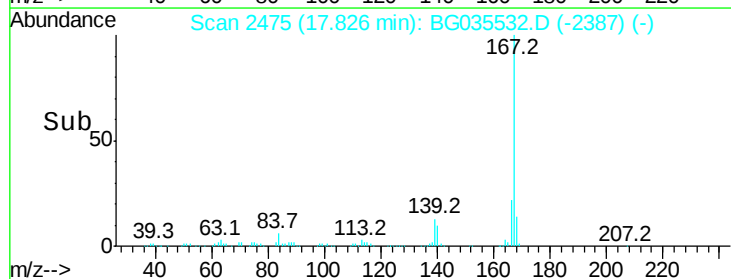
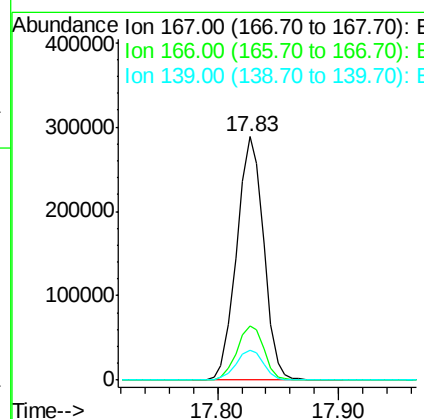
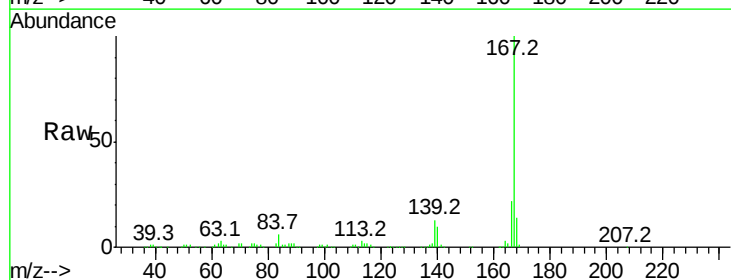
Instrument :
 BNA_G
 ClientSampleId :

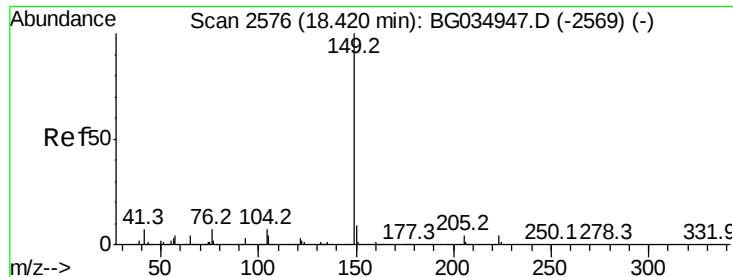
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.0	24.0
179	16.3	12.5	18.7



#72
 Carbazole
 Concen: 42.690 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	12.5	9.4	14.2





#73

Di-n-butylphthalate

Concen: 39.787 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.03 min

Lab File: BG035532.D

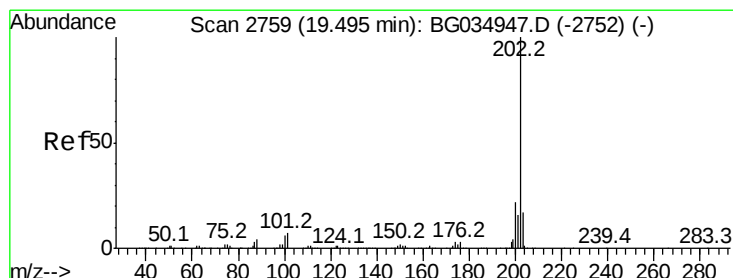
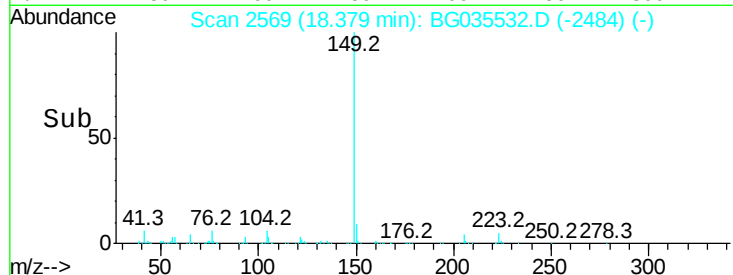
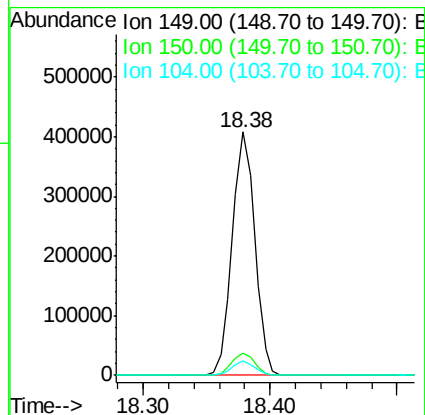
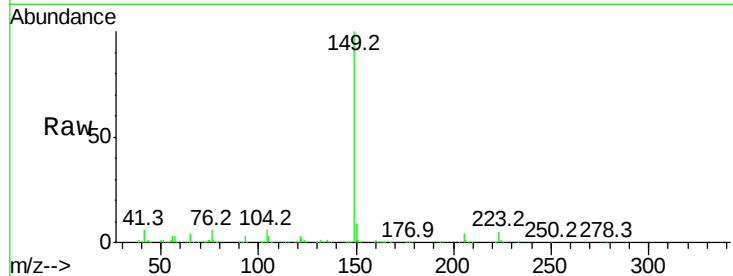
Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampled :

Tot Ion:	149	Resp:	499909
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	6.2	3.9	5.9#



#74

Fluoranthene

Concen: 43.575 ng

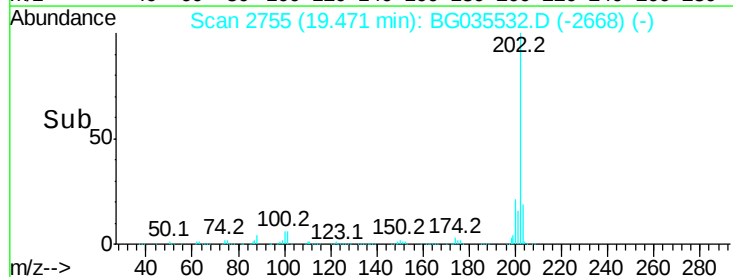
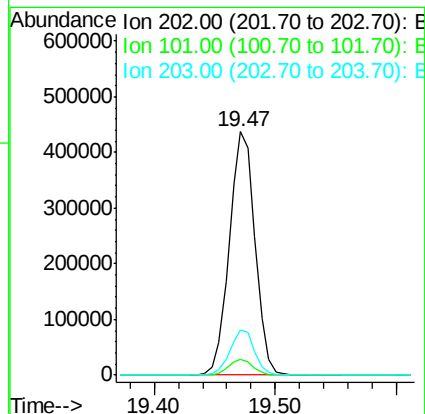
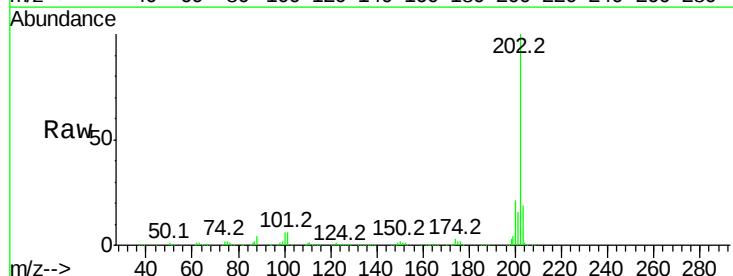
RT: 19.47 min Scan# 2755

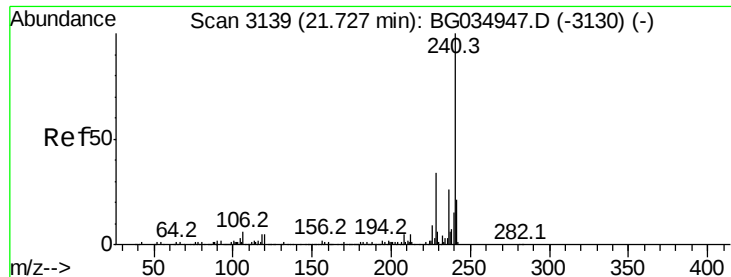
Delta R.T. -0.02 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Tgt Ion:	202	Resp:	643142
Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	28.9
203	18.7	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

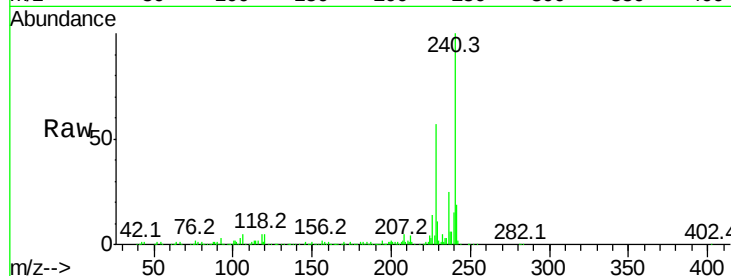
Tot Ion:240 Resp: 239893

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

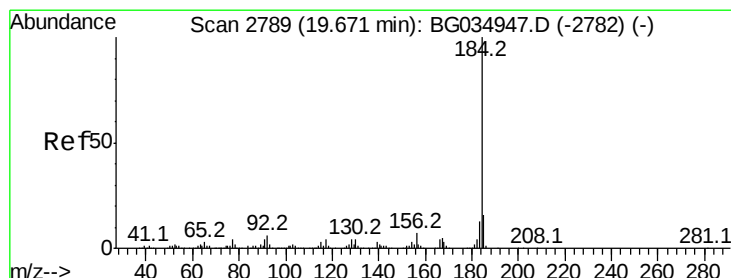
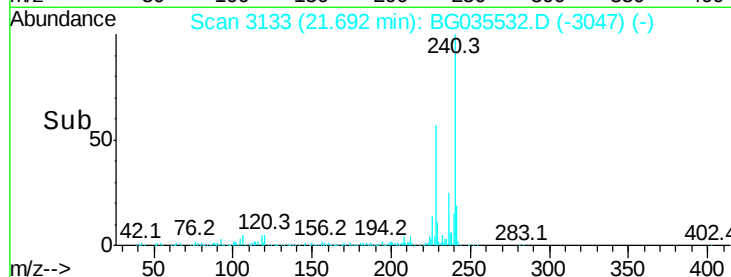
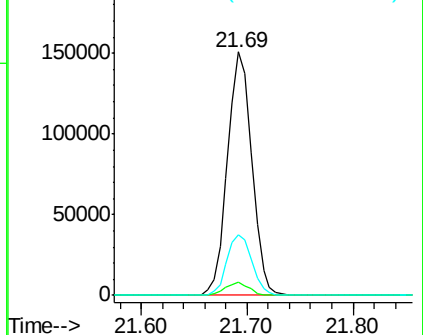
236 24.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.084 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

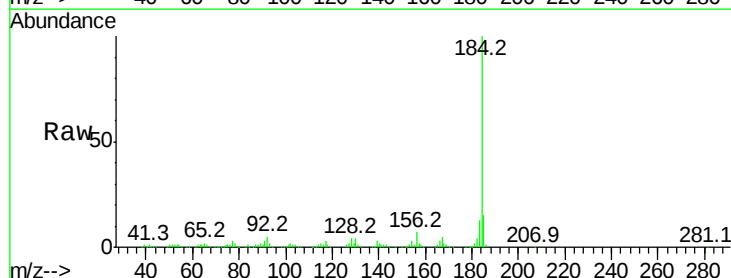
Tgt Ion:184 Resp: 214950

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

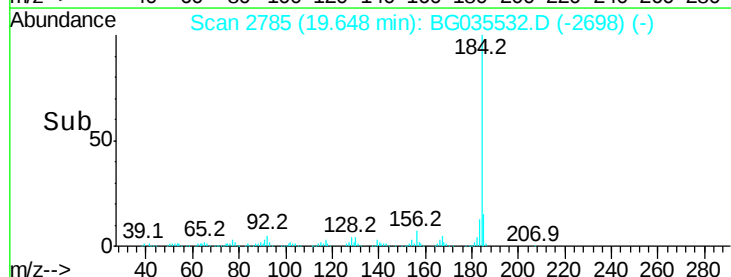
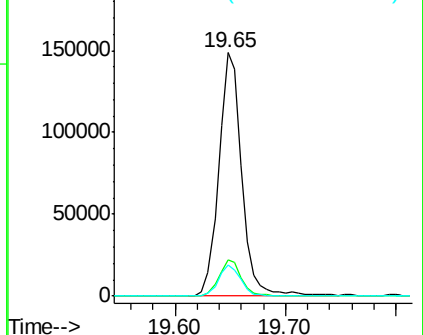
183 12.7 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.565 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

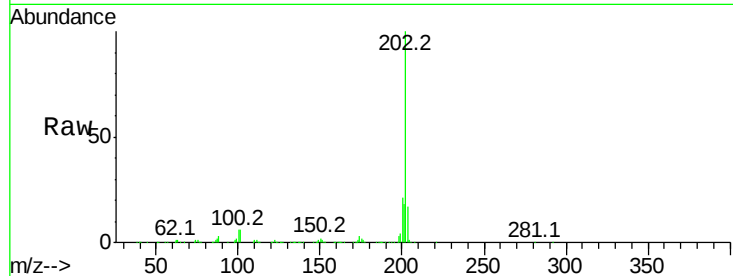
Tot Ion:202 Resp: 641534

Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

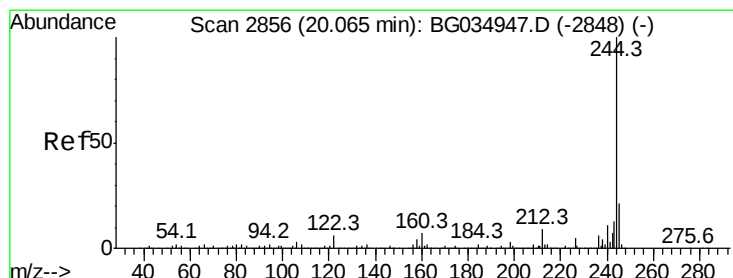
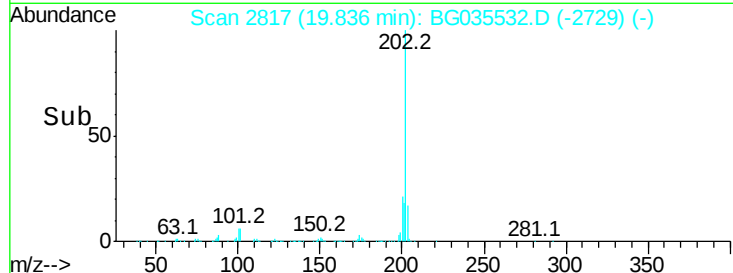
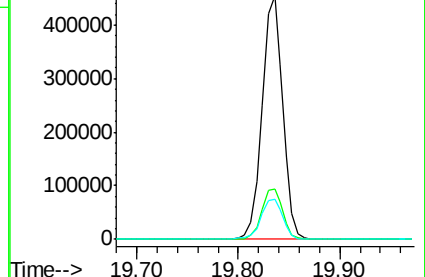
203 16.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.387 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

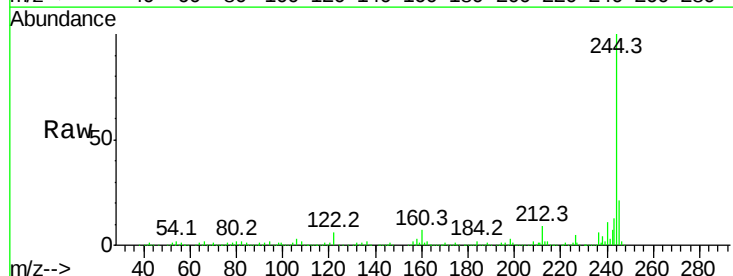
Tgt Ion:244 Resp: 1000799

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

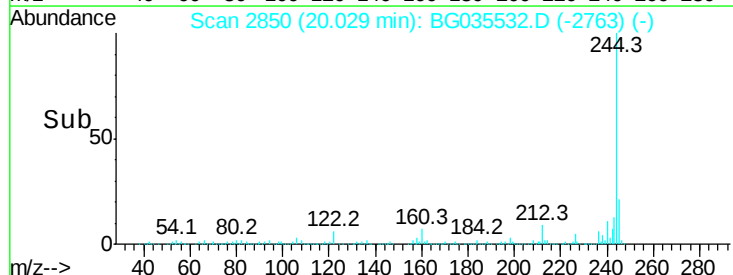
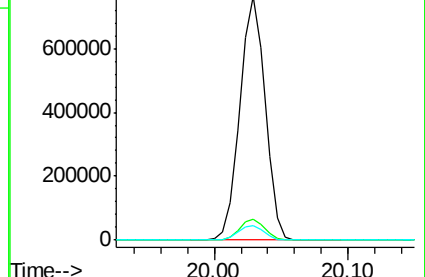
122 6.2 7.0 10.4#

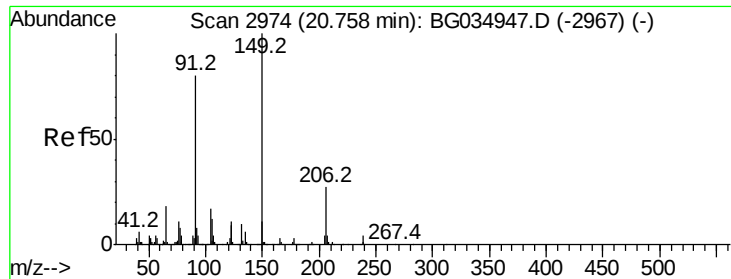


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

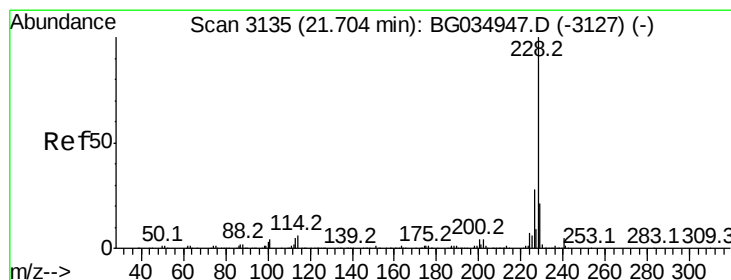
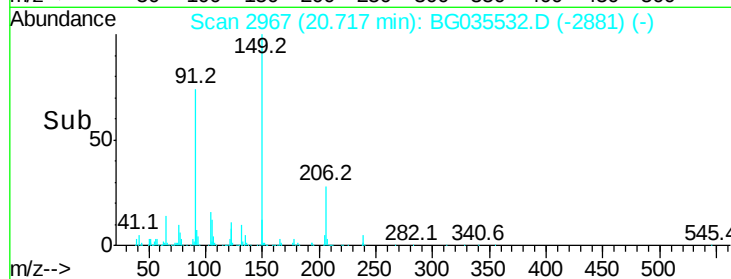
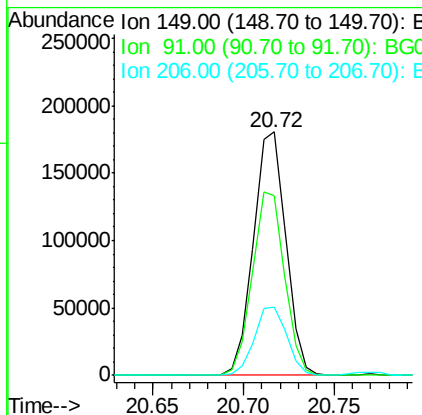
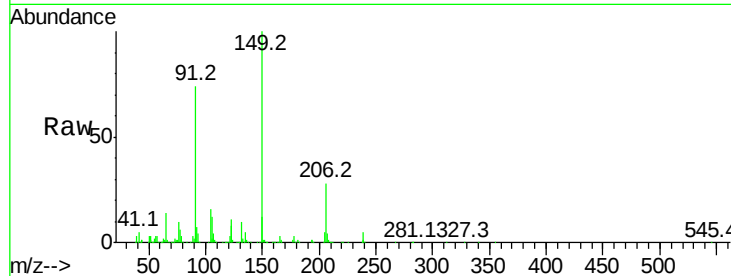




#79
Butylbenzylphthalate
Concen: 39.131 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.02 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

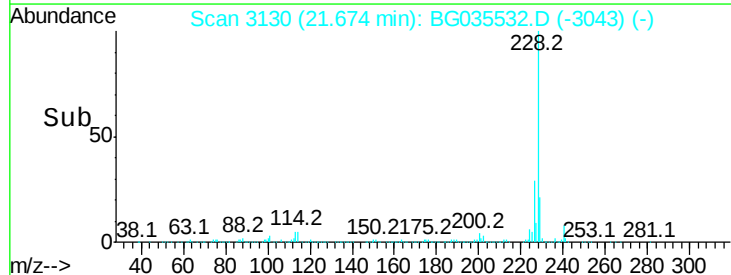
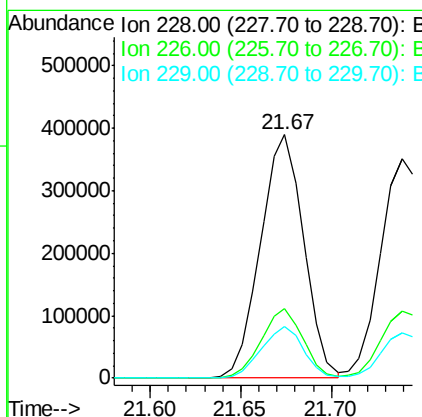
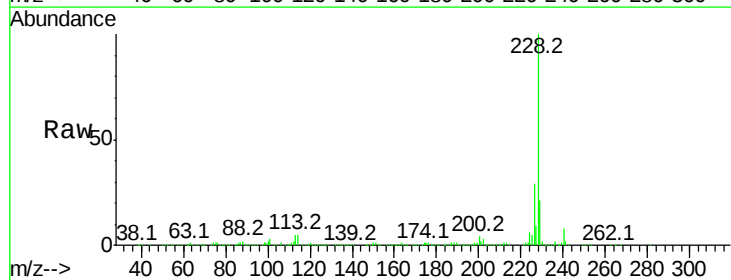
Instrument :
BNA_G
ClientSampled :

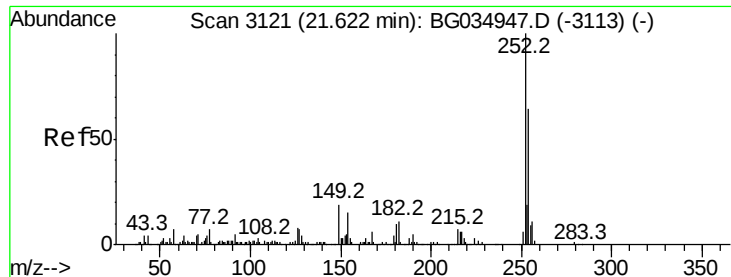
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.6	62.2	93.2
206	28.2	18.6	27.8



#80
Benzo(a)anthracene
Concen: 42.109 ng
RT: 21.67 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG035532.D
Acq: 30 Jun 2018 8:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	21.0	16.2	24.2

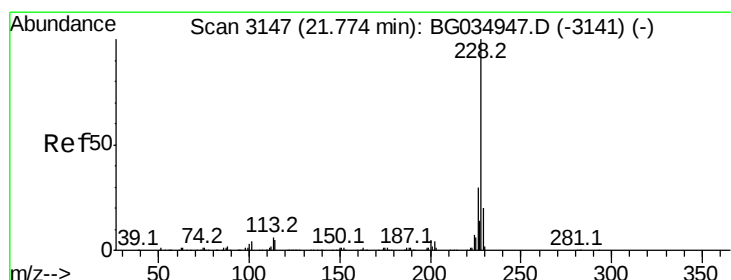
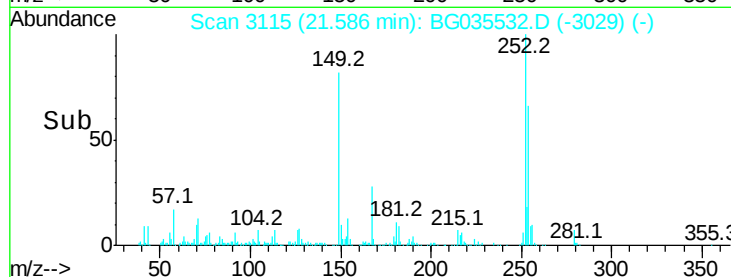
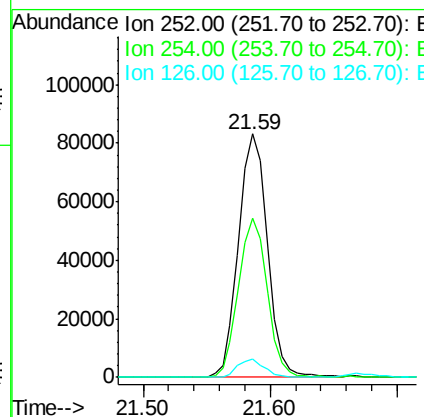
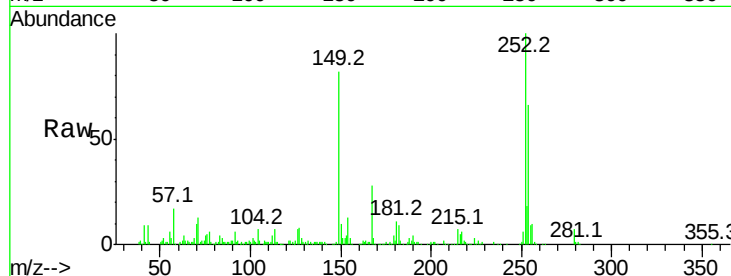




#81
 3,3'-Dichlorobenzidine
 Concen: 22.732 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

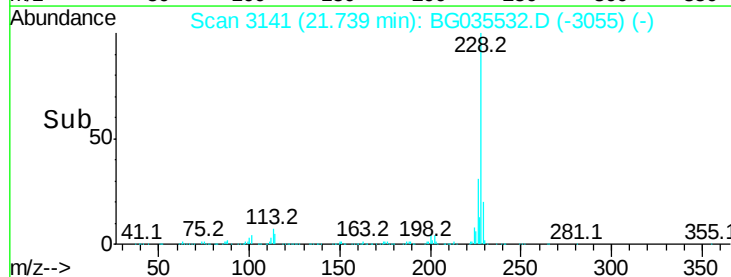
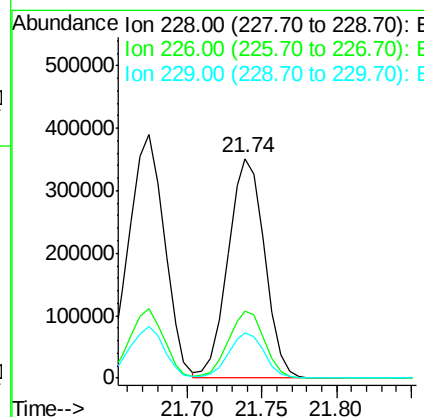
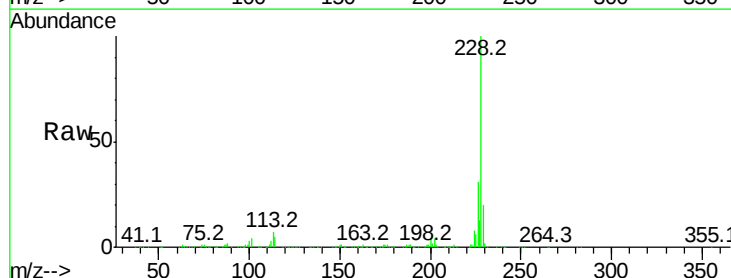
Instrument :
 BNA_G
 ClientSampleId :

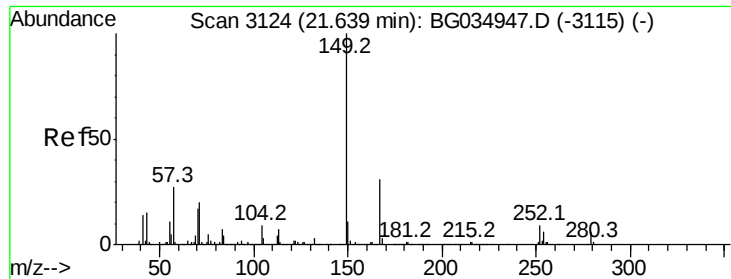
Tot Ion:252 Resp: 131107
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.8 76.2
 126 7.3 7.4 11.2#



#82
 Chrysene
 Concen: 42.717 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.02 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

Tgt Ion:228 Resp: 599561
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 20.5 15.0 22.4

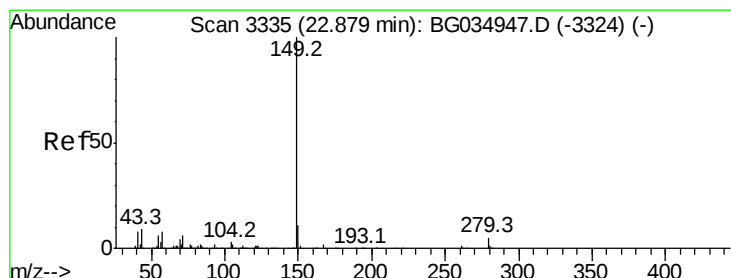
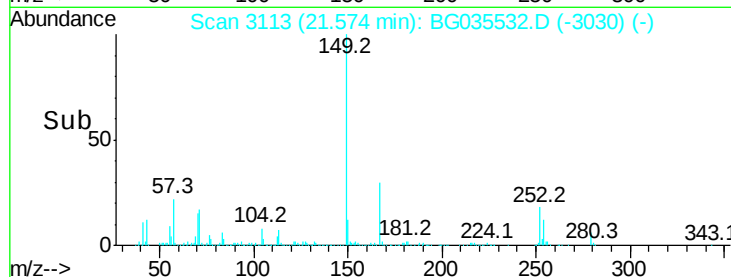
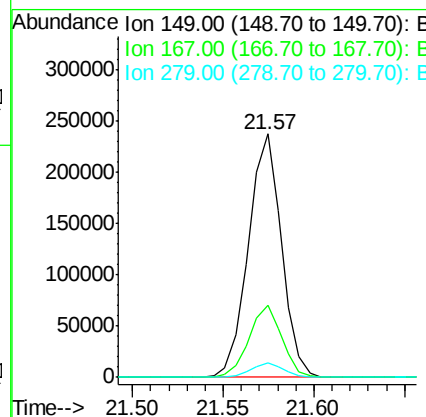
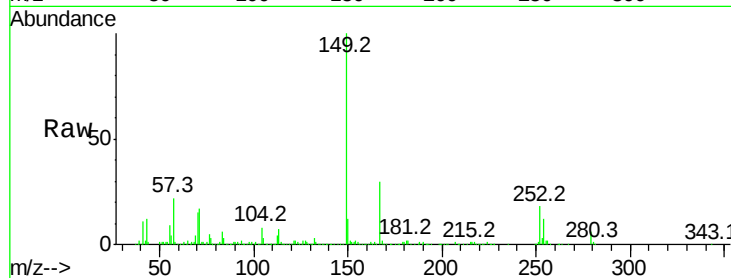




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.260 ng
 RT: 21.57 min Scan# 3113
 Delta R.T. -0.04 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

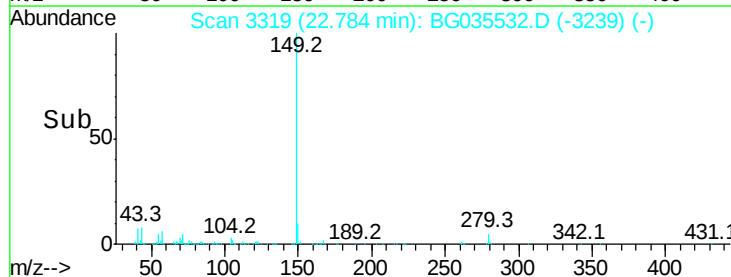
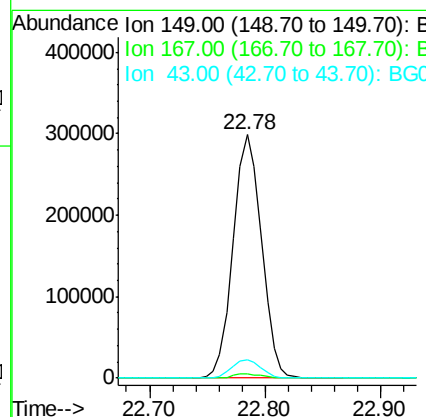
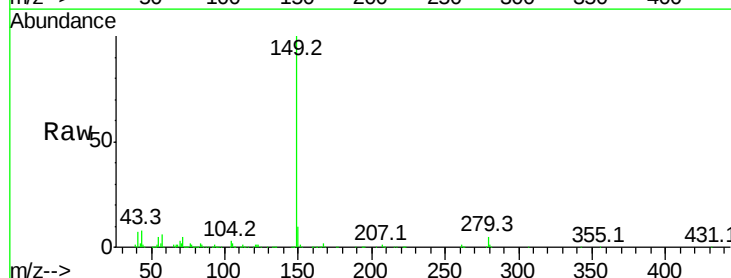
Instrument :
 BNA_G
 ClientSampleId :

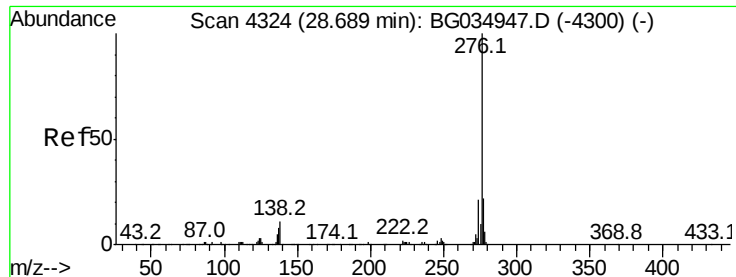
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.3	36.5
279	6.2	4.0	6.0#



#84
 Di-n-octyl phthalate
 Concen: 36.609 ng
 RT: 22.78 min Scan# 3319
 Delta R.T. -0.06 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.8	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.013 ng

RT: 28.60 min Scan# 4309

Delta R.T. -0.05 min

Lab File: BG035532.D

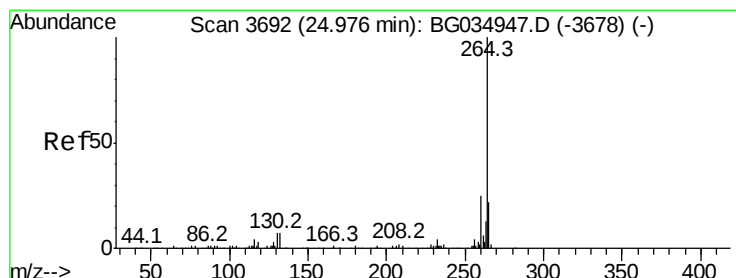
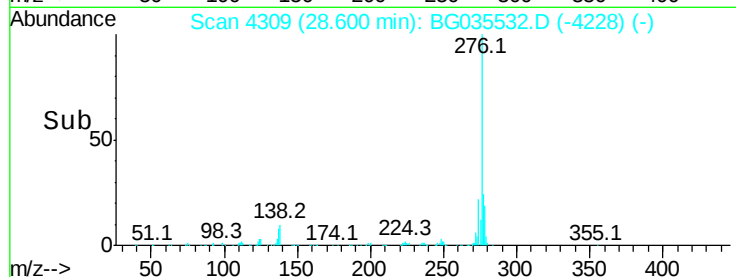
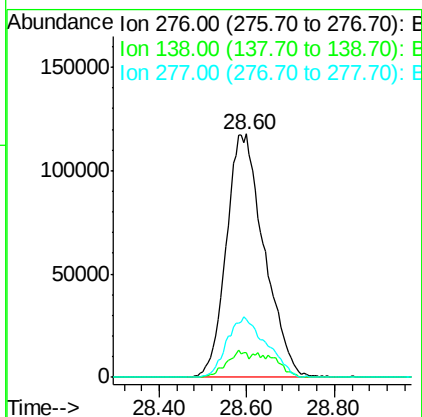
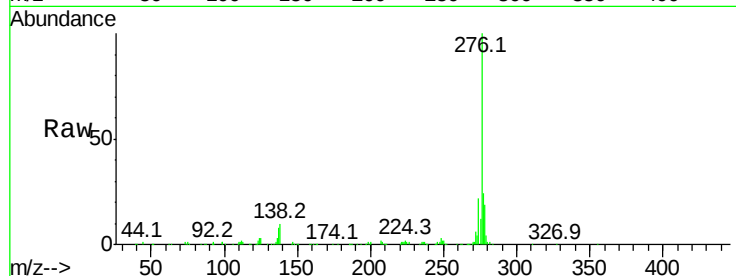
Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	276	Resp:	690624
Ion	Ratio	Lower	Upper
276	100		
138	6.3	16.0	24.0#
277	25.8	20.0	30.0



#86

Perylene-d12

Concen: 20.000 ng

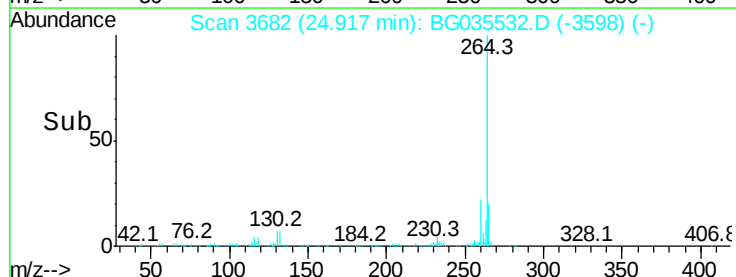
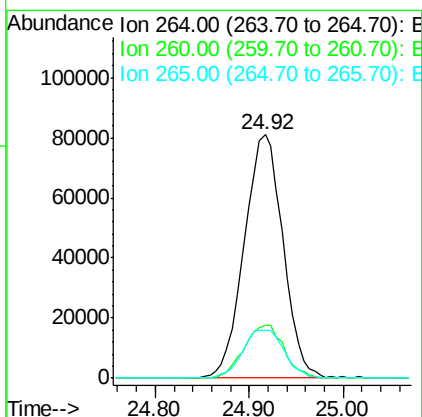
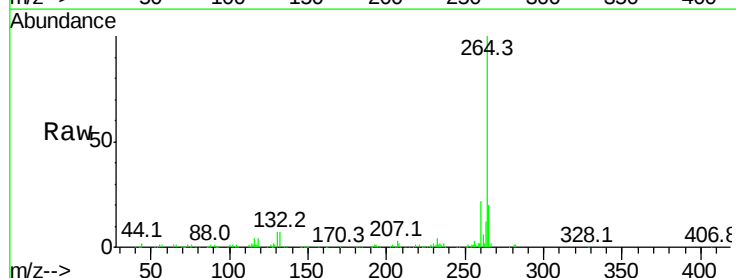
RT: 24.92 min Scan# 3682

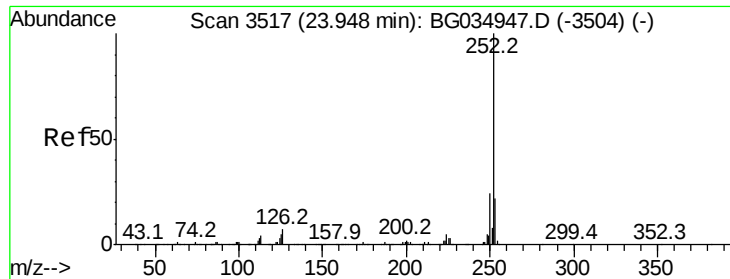
Delta R.T. -0.04 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Tgt Ion:	264	Resp:	231132
Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	19.9	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 43.619 ng

RT: 23.89 min Scan# 3508

Delta R.T. -0.03 min

Lab File: BG035532.D

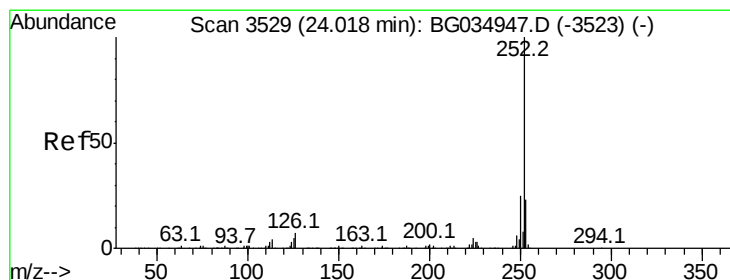
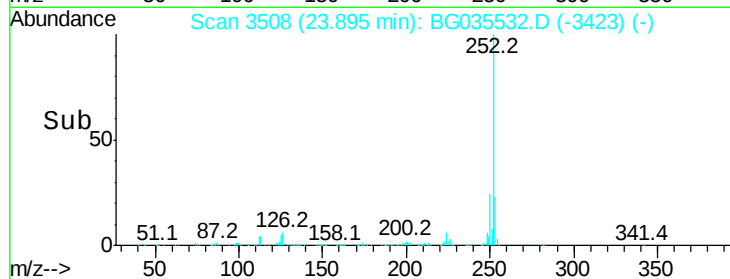
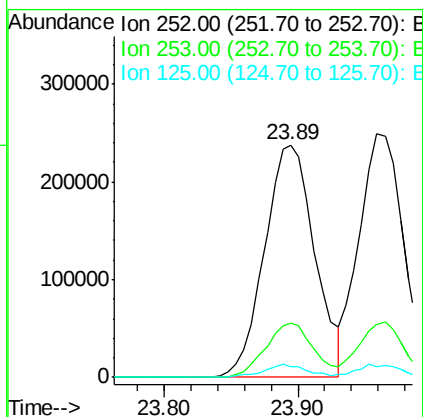
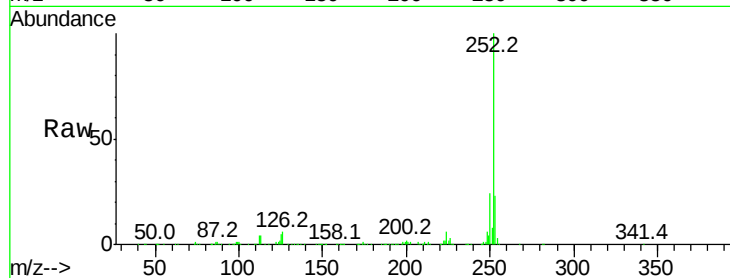
Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	620854
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	4.7	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 41.289 ng

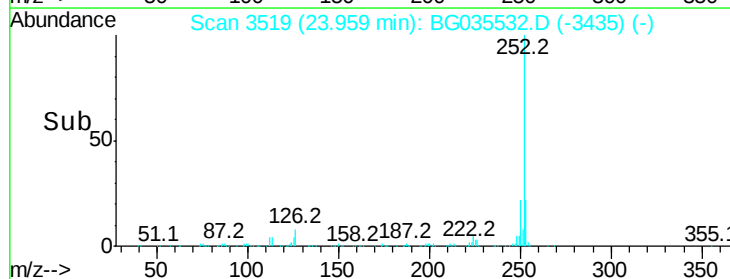
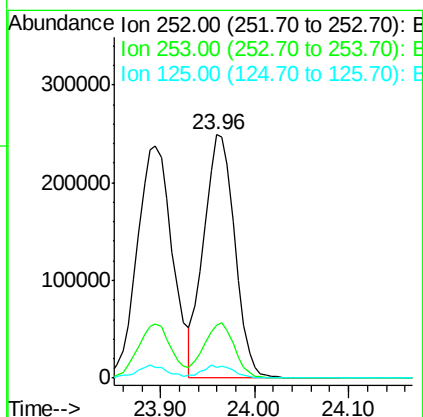
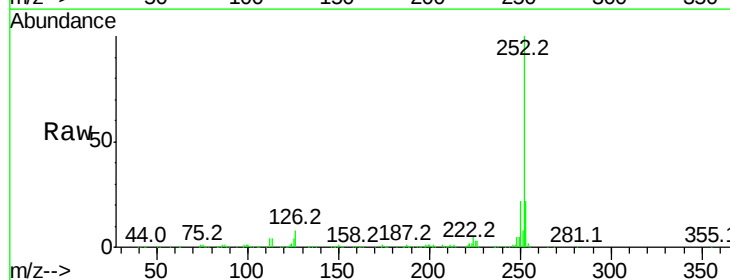
RT: 23.96 min Scan# 3519

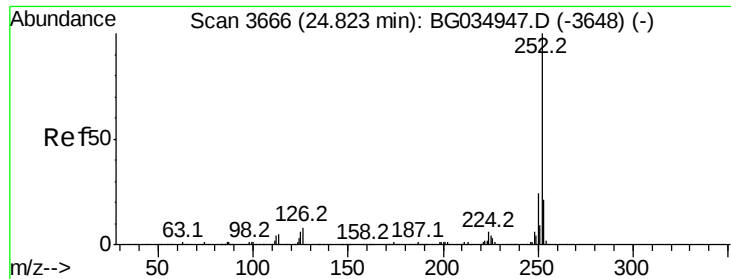
Delta R.T. -0.04 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Tgt Ion:	252	Resp:	574892
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	4.4	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 43.470 ng

RT: 24.76 min Scan# 3656

Delta R.T. -0.04 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

Instrument :

BNA_G

ClientSampled :

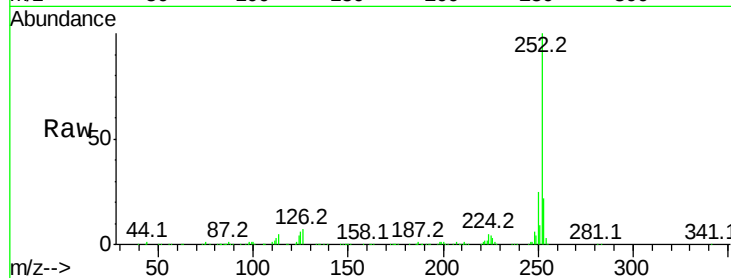
Tot Ion:252 Resp: 582209

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

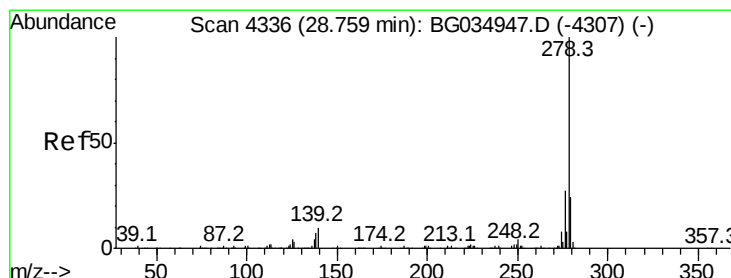
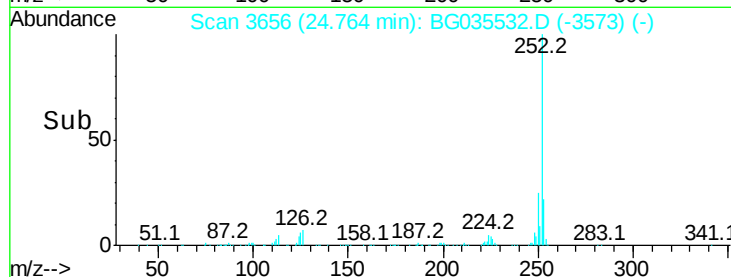
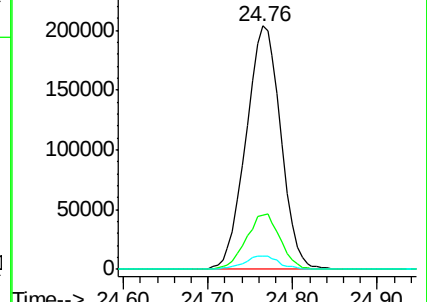
125 5.7 7.3 10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 42.686 ng

RT: 28.65 min Scan# 4318

Delta R.T. -0.07 min

Lab File: BG035532.D

Acq: 30 Jun 2018 8:22

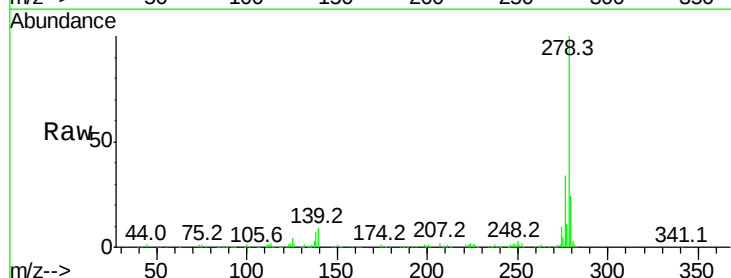
Tgt Ion:278 Resp: 564375

Ion Ratio Lower Upper

278 100

139 9.4 9.8 14.6#

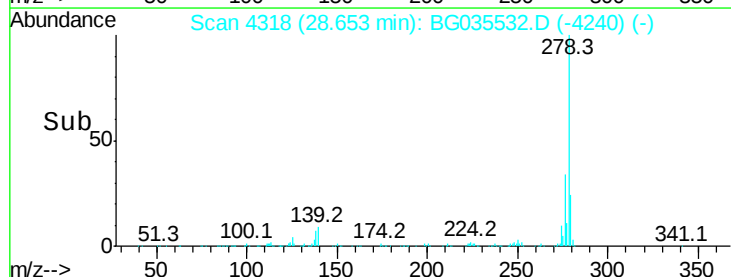
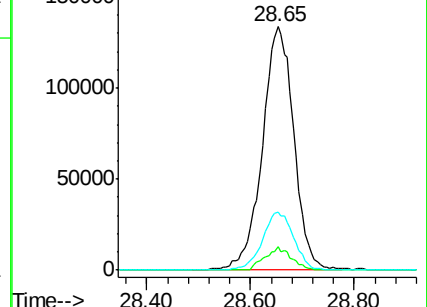
279 24.0 18.4 27.6

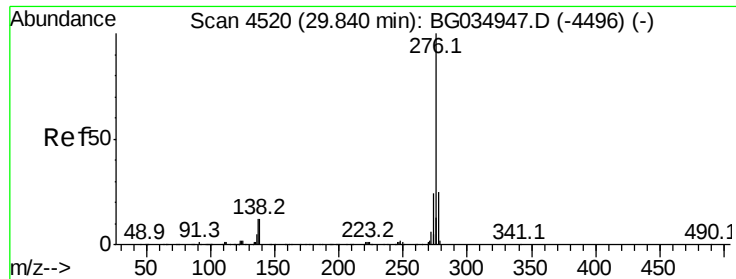


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 43.827 ng
 RT: 29.75 min Scan# 4505
 Delta R.T. -0.05 min
 Lab File: BG035532.D
 Acq: 30 Jun 2018 8:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.3	27.5
138	10.8	13.9	20.9

