

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035236.D
 Acq On : 19 Jun 2018 3:37
 Operator : SJ/JU
 Sample : J3240-04MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 07:19:59 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	8.07	152	50200	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	170966	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	122761	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	331387	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	385757	20.00	ng	-0.02
86) Perylene-d12	24.92	264	379361	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	442146	148.64	ng	0.00
7) Phenol-d6	7.23	99	588028	133.94	ng	0.00
23) Nitrobenzene-d5	9.23	82	453153	125.99	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	344739	219.37	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1001449	106.05	ng	-0.02
78) Terphenyl-d14	20.03	244	2023187	109.86	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	54561	38.444	ng	# 74
3) Pyridine	3.96	79	133913	34.970	ng	# 74
4) n-Nitrosodimethylamine	3.87	42	63407	38.542	ng	# 77
6) Aniline	7.39	93	186933	32.939	ng	97
8) 2-Chlorophenol	7.63	128	137981	44.253	ng	94
9) Benzaldehyde	7.20	77	80128	23.694	ng	97
10) Phenol	7.25	94	177017	38.960	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	146129	41.437	ng	88
12) 1,3-Dichlorobenzene	7.95	146	163942	44.067	ng	97
13) 1,4-Dichlorobenzene	8.10	146	167015	43.489	ng	97
14) 1,2-Dichlorobenzene	8.42	146	158917	44.054	ng	93
15) Benzyl Alcohol	8.30	79	170315	40.940	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	162597	46.325	ng	76
17) 2-Methylphenol	8.50	107	131980	44.059	ng	94
18) Hexachloroethane	9.15	117	60393	43.925	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	138238	37.062	ng	# 83
20) 3+4-Methylphenols	8.82	107	180248	41.980	ng	92
22) Acetophenone	8.88	105	243123	45.907	ng	# 91
24) Nitrobenzene	9.27	77	199671	54.214	ng	97
25) Isophorone	9.79	82	399702	52.636	ng	99
26) 2-Nitrophenol	9.98	139	81345	64.076	ng	# 93
27) 2,4-Dimethylphenol	10.03	122	150255	56.308	ng	88
28) bis(2-Chloroethoxy)methane	10.27	93	207537	50.858	ng	97
29) 2,4-Dichlorophenol	10.51	162	166268	57.264	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	177750	51.054	ng	96
31) Naphthalene	10.92	128	440826	49.634	ng	100
32) Benzoic acid	10.13	122	43696	24.447	ng	91
33) 4-Chloroaniline	11.02	127	62515	16.211	ng	92
34) Hexachlorobutadiene	11.20	225	135580	50.072	ng	96
35) Caprolactam	11.80	113	26103	24.326	ng	# 72
36) 4-Chloro-3-methylphenol	12.14	107	204867	56.603	ng	93
37) 2-Methylnaphthalene	12.52	142	347263	51.572	ng	89
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	236514	51.724	ng	99
40) Hexachlorocyclopentadiene	12.86	237	310305	108.217	ng	94

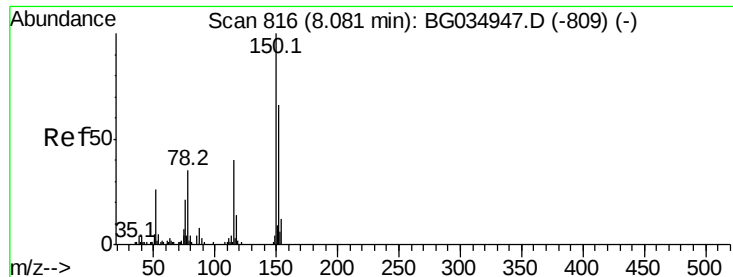
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	159517	58.261	ng	96
43) 2,4,5-Trichlorophenol	13.19	196	172074	57.260	ng	96
45) 1,1'-Biphenyl	13.52	154	472093	47.825	ng	97
46) 2-Chloronaphthalene	13.56	162	376500	50.447	ng	98
47) 2-Nitroaniline	13.76	65	137897	62.571	ng	94
48) Acenaphthylene	14.41	152	634386	50.693	ng	97
49) Dimethylphthalate	14.14	163	554055	51.756	ng	99
50) 2,6-Dinitrotoluene	14.25	165	123981	63.483	ng	95
51) Acenaphthene	14.75	154	386910	47.320	ng	97
52) 3-Nitroaniline	14.59	138	79592	41.533	ng #	95
53) 2,4-Dinitrophenol	14.79	184	92355	116.849	ng #	64
54) Dibenzofuran	15.08	168	626163	51.132	ng	94
55) 4-Nitrophenol	14.89	139	174723	108.030	ng #	86
56) 2,4-Dinitrotoluene	15.04	165	186357	71.833	ng	90
57) Fluorene	15.73	166	528115	51.602	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	181688	62.235	ng	93
59) Diethylphthalate	15.50	149	554778	50.795	ng	98
60) 4-Chlorophenyl-phenylether	15.72	204	299462	51.314	ng	97
61) 4-Nitroaniline	15.75	138	128865	62.702	ng #	81
62) Azobenzene	16.01	77	546369	51.049	ng	96
64) 4,6-Dinitro-2-methylphenol	15.80	198	83429	55.141	ng	88
65) n-Nitrosodiphenylamine	15.94	169	478484	48.080	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	211038	52.882	ng	96
67) Hexachlorobenzene	16.74	284	214107	52.712	ng	95
68) Atrazine	16.88	200	225061	53.031	ng	98
69) Pentachlorophenol	17.08	266	245077	89.728	ng	98
70) Phenanthrene	17.47	178	880131	52.284	ng	96
71) Anthracene	17.56	178	904545	53.643	ng	98
72) Carbazole	17.83	167	837499	53.530	ng	97
73) Di-n-butylphthalate	18.39	149	951329	51.016	ng #	98
74) Fluoranthene	19.47	202	1187672	54.219	ng	96
76) Benzidine	19.65	184	289697	20.186	ng	99
77) Pyrene	19.84	202	1189652	46.780	ng	97
79) Butylbenzylphthalate	20.72	149	454127	49.178	ng	97
80) Benzo(a)anthracene	21.68	228	1240494	50.322	ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	297995	32.131	ng #	97
82) Chrysene	21.75	228	1163411	51.547	ng	97
83) Bis(2-ethylhexyl)phthalate	21.58	149	627927	48.124	ng	100
84) Di-n-octyl phthalate	22.80	149	1082557	48.360	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.60	276	1419607	53.705	ng #	84
87) Benzo(b)fluoranthene	23.90	252	1268816	54.311	ng #	96
88) Benzo(k)fluoranthene	23.97	252	1166178	51.030	ng #	97
89) Benzo(a)pyrene	24.78	252	1206573	54.887	ng #	97
90) Dibenzo(a,h)anthracene	28.68	278	1149076	52.951	ng #	95
91) Benzo(g,h,i)perylene	29.75	276	1169555	55.070	ng #	92

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

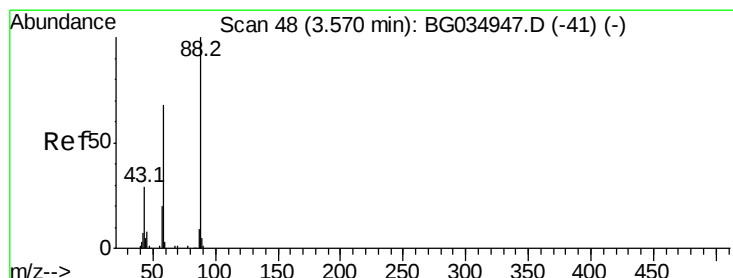
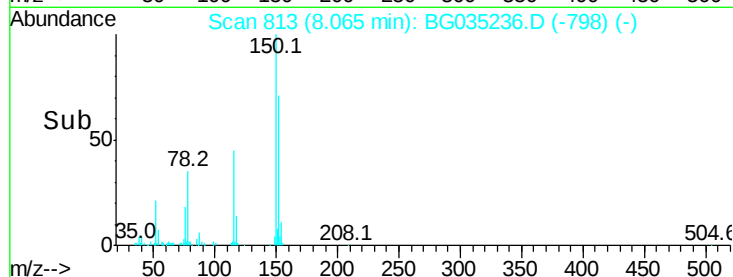
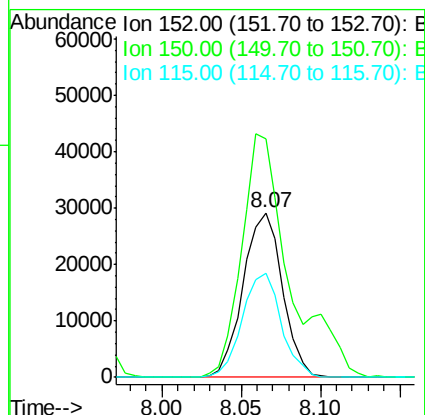
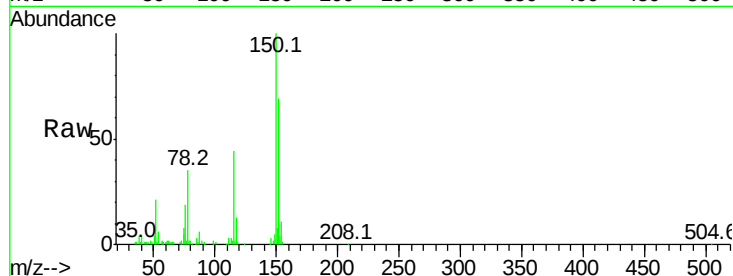


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Instrument :
BNA_G
ClientSampleId :

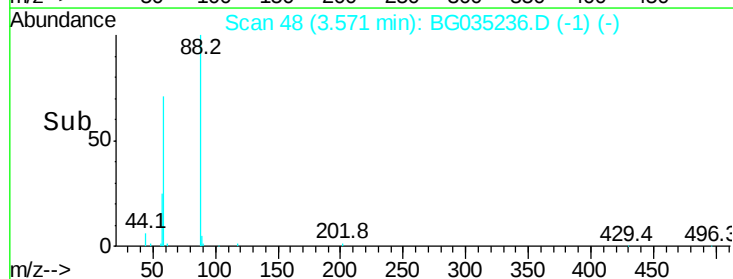
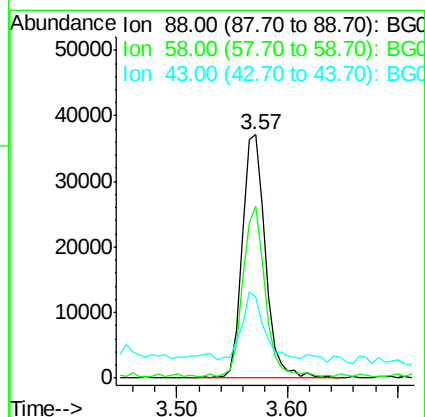
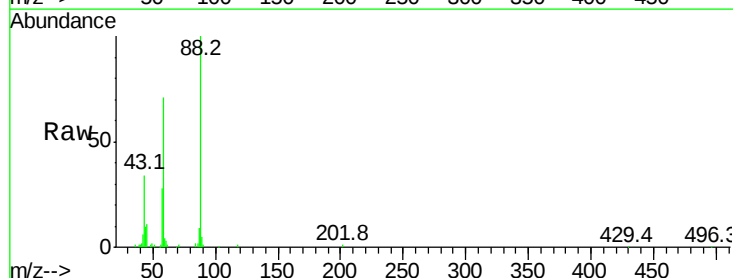
Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	126.6	189.8
115	63.2	53.0	79.4

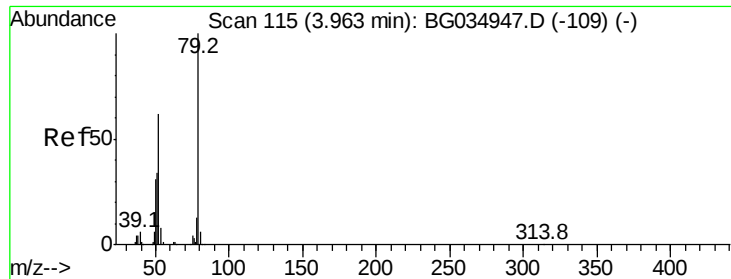


#2

1,4-Dioxane
Concen: 38.444 ng
RT: 3.57 min Scan# 48
Delta R.T. 0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	79.6	119.4#
43	27.8	27.4	41.0





#3

Pvridine

Concen: 34.970 ng

RT: 3.96 min Scan# 115

Delta R.T. 0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

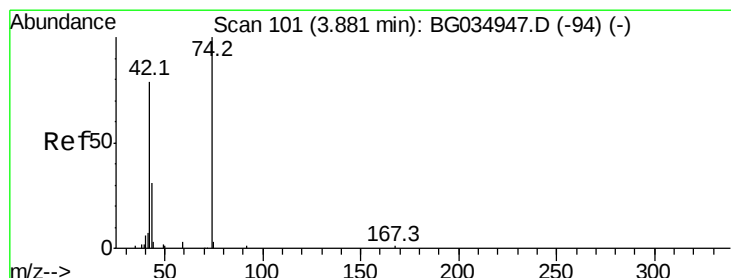
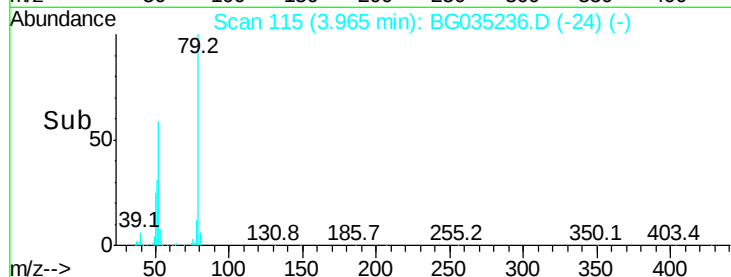
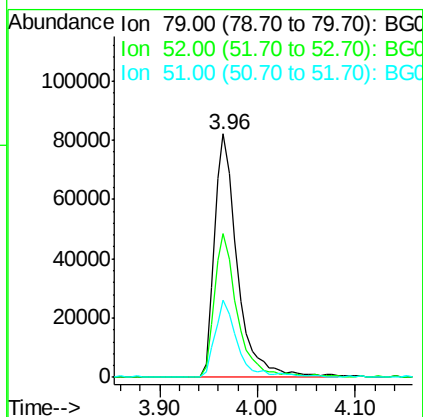
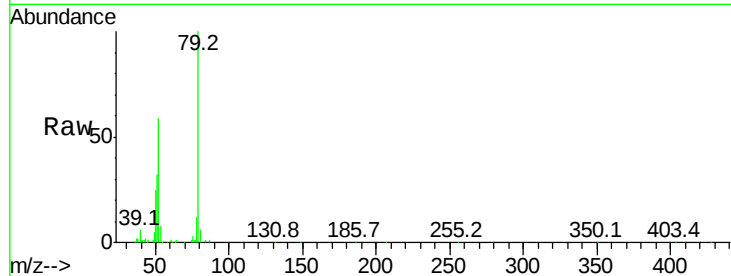
Tot Ion: 79 Resp: 133913

Ion Ratio Lower Upper

79 100

52 59.0 69.9 104.9#

51 31.7 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 38.542 ng

RT: 3.87 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

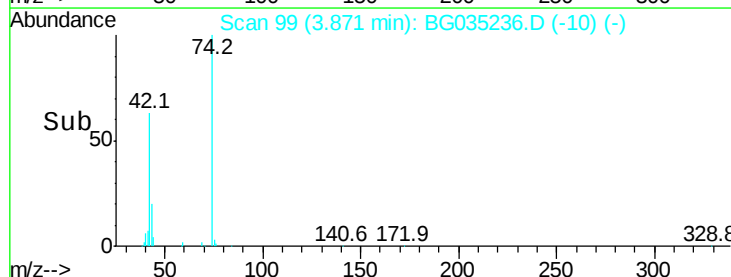
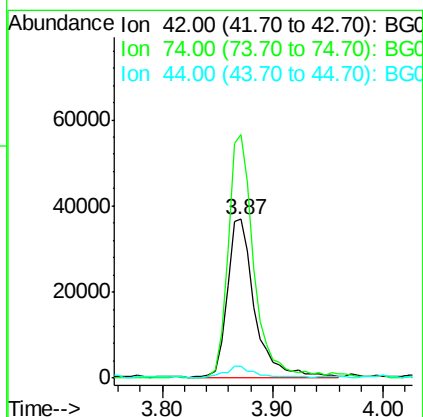
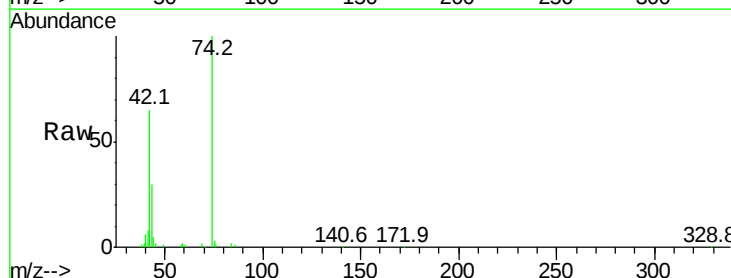
Tgt Ion: 42 Resp: 63407

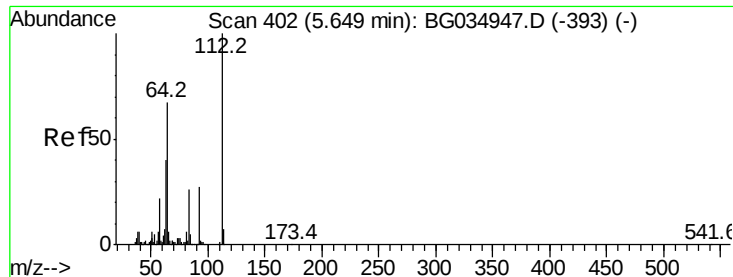
Ion Ratio Lower Upper

42 100

74 153.2 102.5 153.7

44 7.7 18.9 28.3#





#5

2-Fluorophenol

Concen: 148.639 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

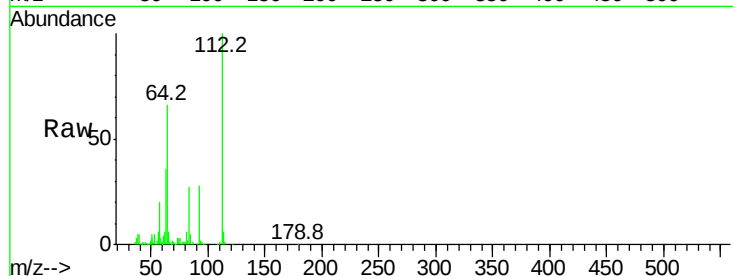
Tot Ion:112 Resp: 442146

Ion Ratio Lower Upper

112 100

64 65.8 56.3 84.5

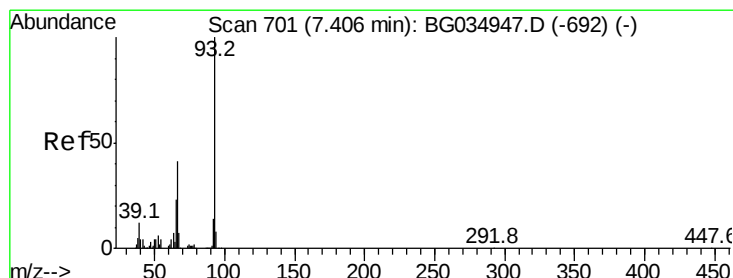
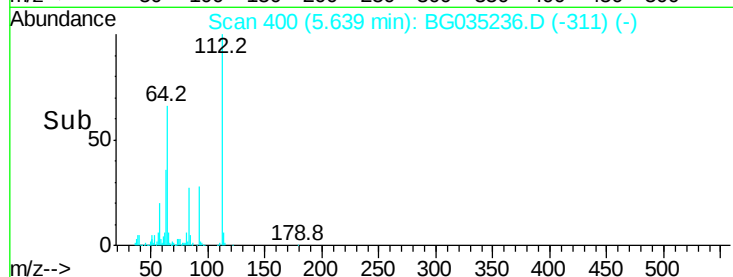
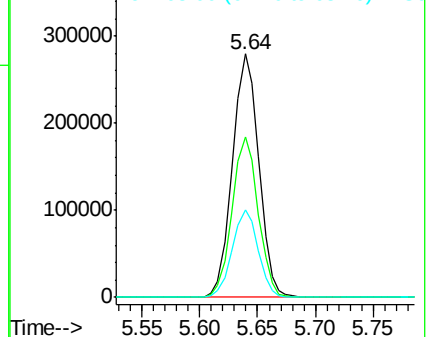
63 36.1 30.1 45.1



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: 32.939 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

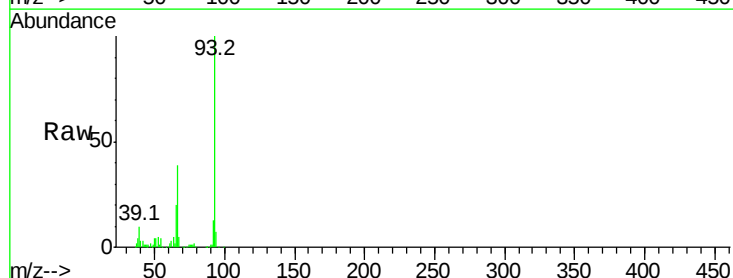
Tgt Ion: 93 Resp: 186933

Ion Ratio Lower Upper

93 100

66 39.2 33.7 50.5

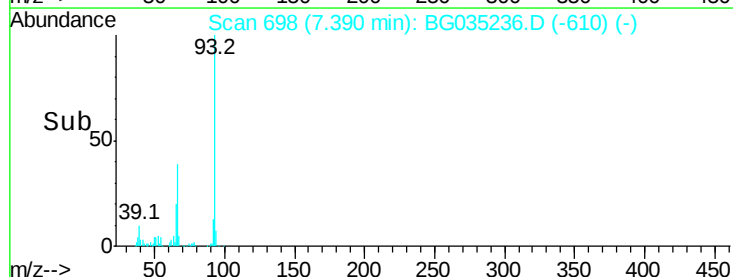
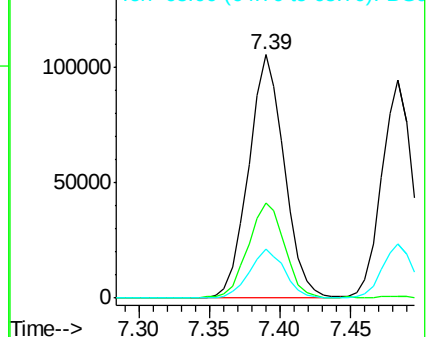
65 20.4 16.1 24.1

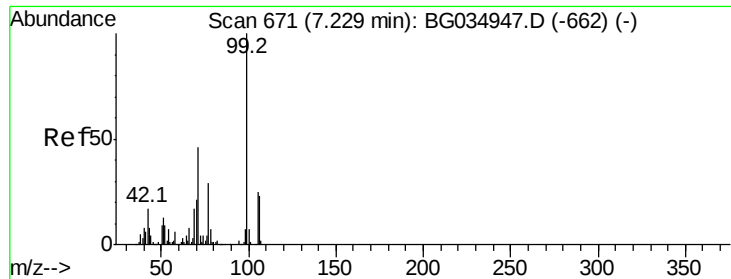


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.936 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

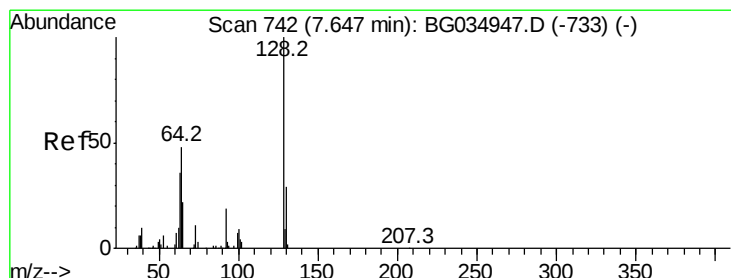
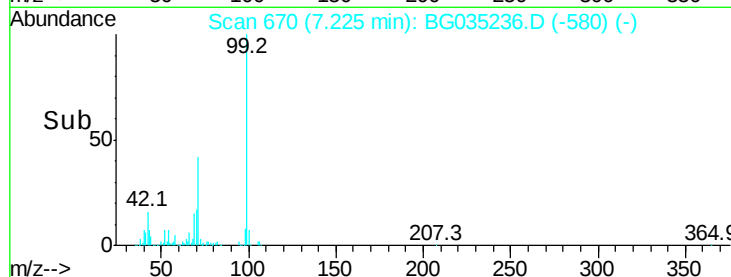
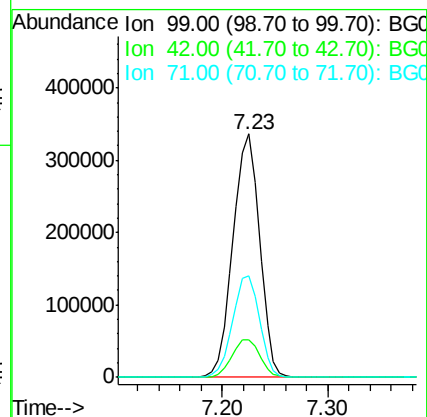
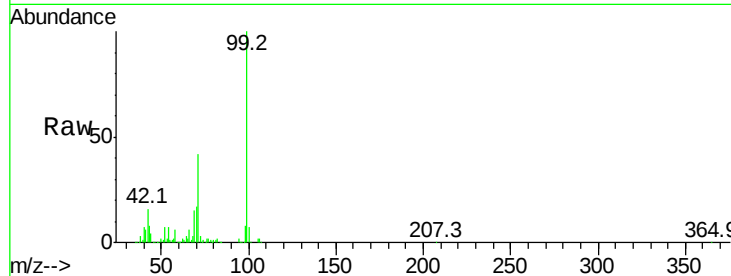
Tot Ion: 99 Resp: 588028

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 41.7 26.1 39.1#



#8

2-Chlorophenol

Concen: 44.253 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

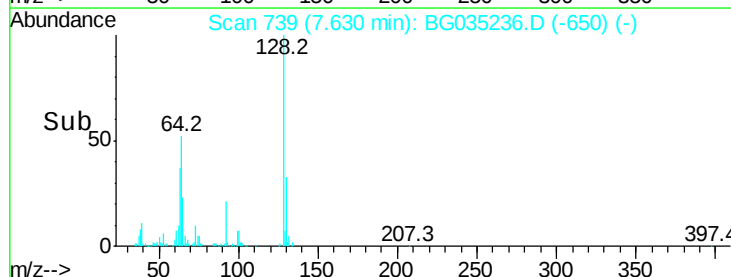
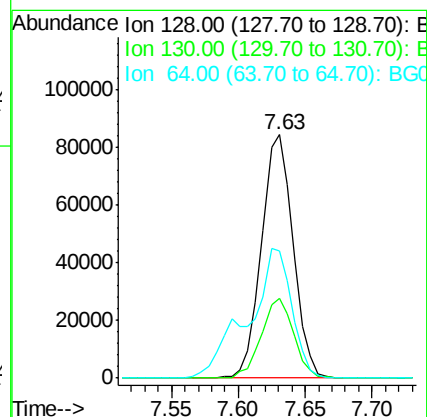
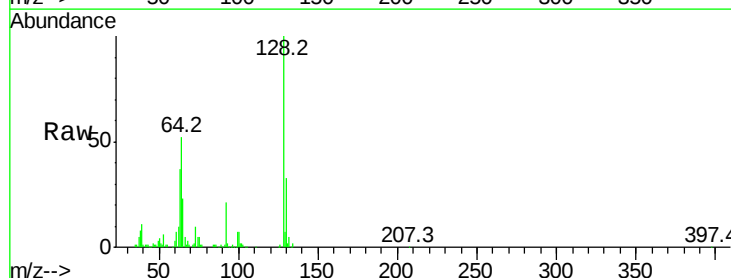
Tgt Ion: 128 Resp: 137981

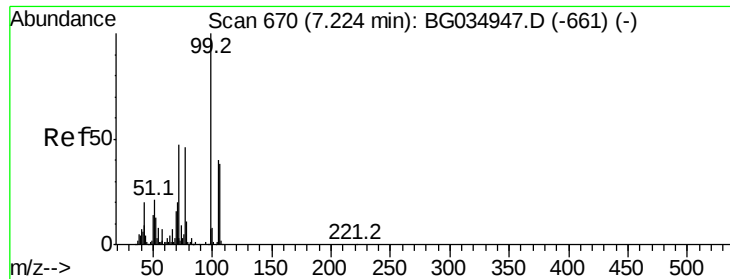
Ion Ratio Lower Upper

128 100

130 32.8 14.0 54.0

64 52.0 37.7 77.7





#9

Benzaldehyde

Concen: 23.694 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

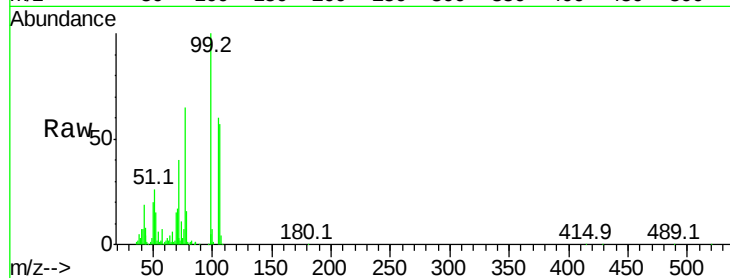
Tot Ion: 77 Resp: 80128

Ion Ratio Lower Upper

77 100

105 93.1 71.3 111.3

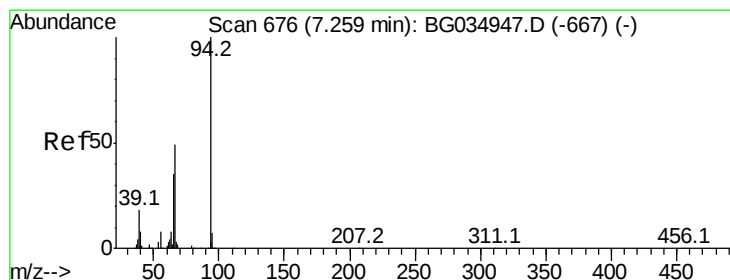
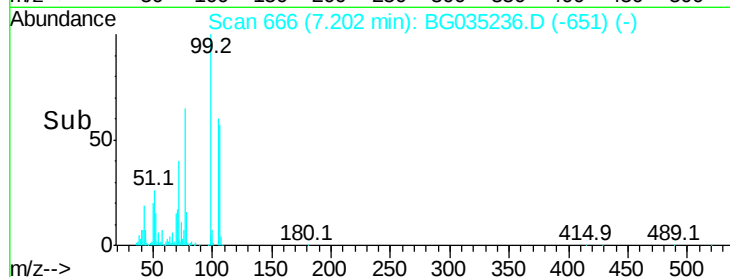
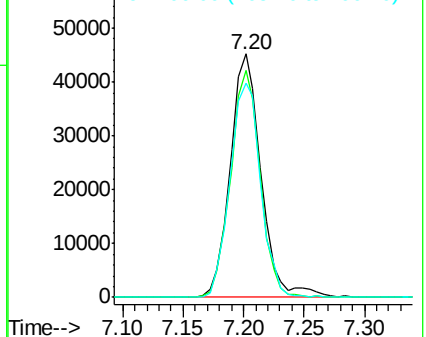
106 88.2 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.960 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

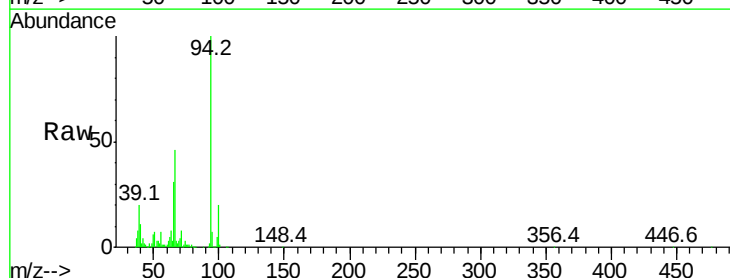
Tgt Ion: 94 Resp: 177017

Ion Ratio Lower Upper

94 100

65 31.3 11.9 51.9

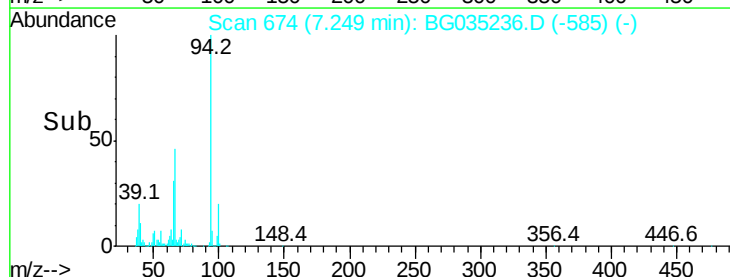
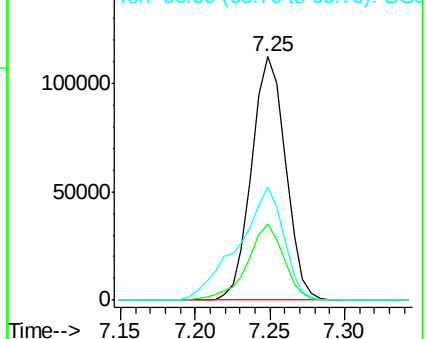
66 46.5 22.2 62.2

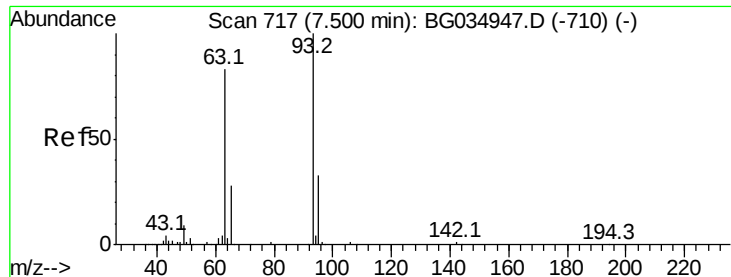


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

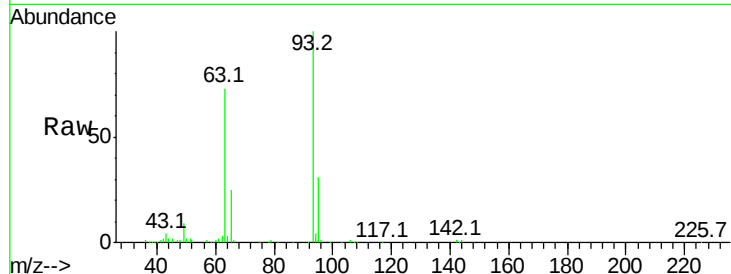




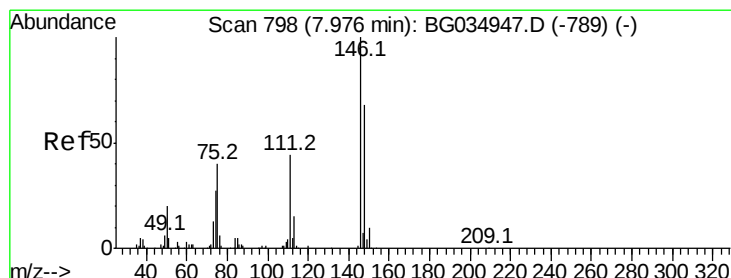
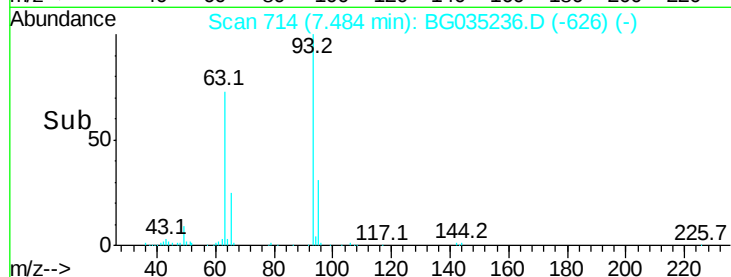
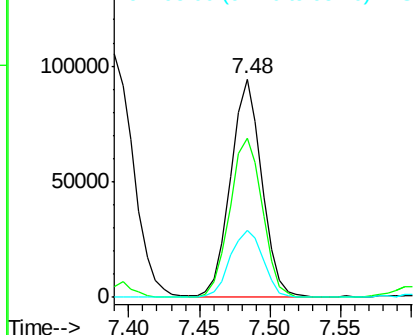
#11
bis(2-Chloroethyl)ether
Concen: 41.437 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 146129
Ion Ratio Lower Upper
93 100
63 72.7 67.1 107.1
95 30.9 11.5 51.5

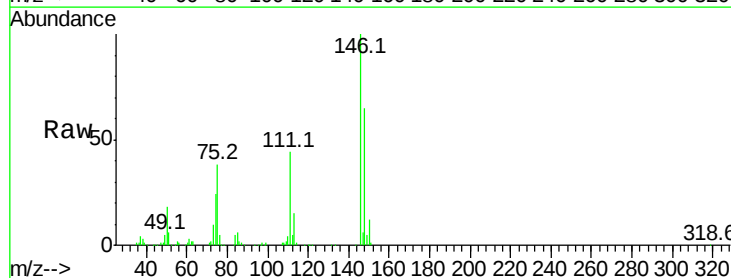


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

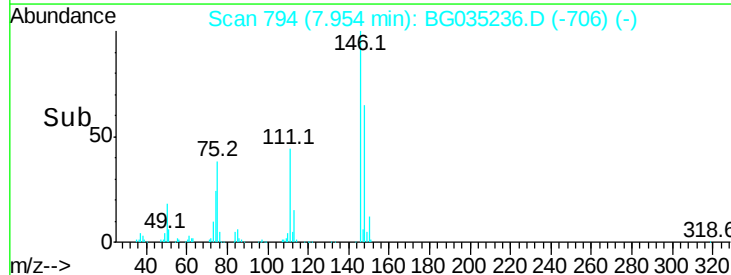
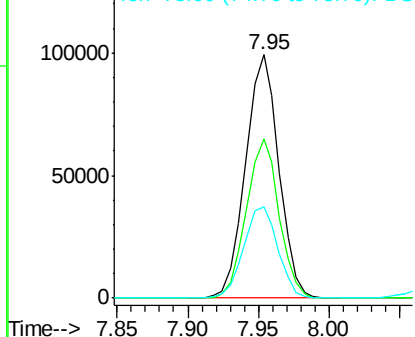


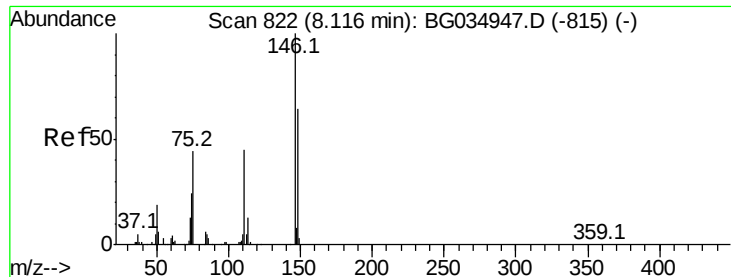
#12
1,3-Dichlorobenzene
Concen: 44.067 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion: 146 Resp: 163942
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.2
75 37.7 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: 43.489 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

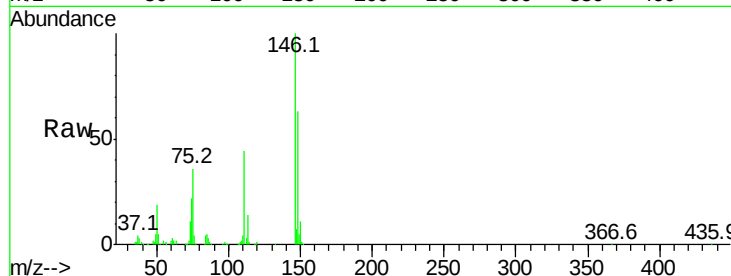
Tot Ion:146 Resp: 167015

Ion Ratio Lower Upper

146 100

148 63.4 53.7 80.5

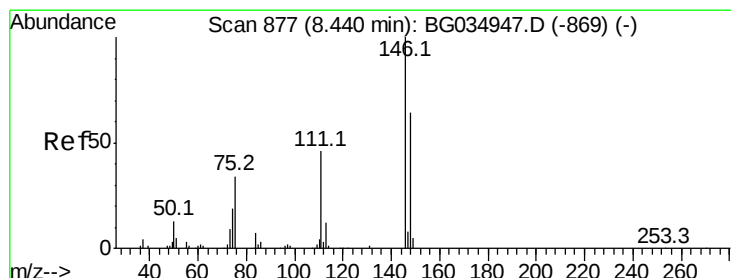
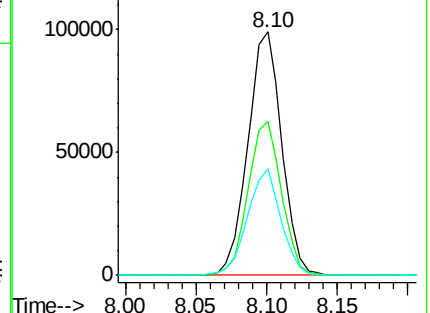
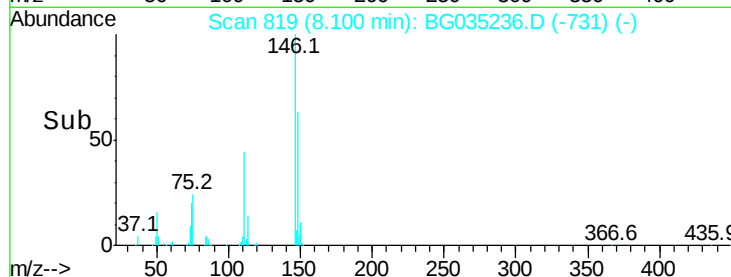
111 43.9 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.054 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.02 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

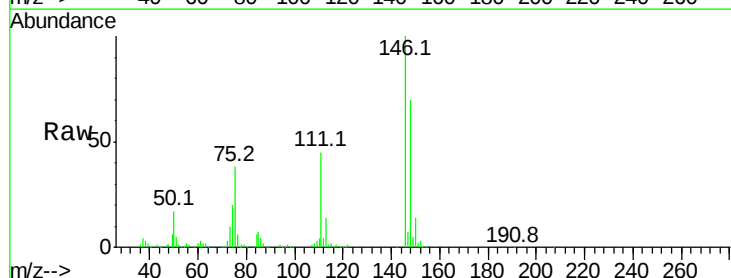
Tgt Ion:146 Resp: 158917

Ion Ratio Lower Upper

146 100

148 69.8 49.3 73.9

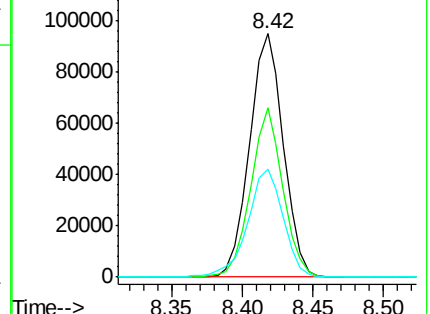
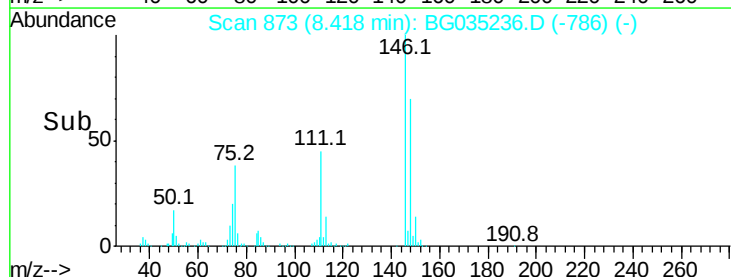
111 44.5 34.3 51.5

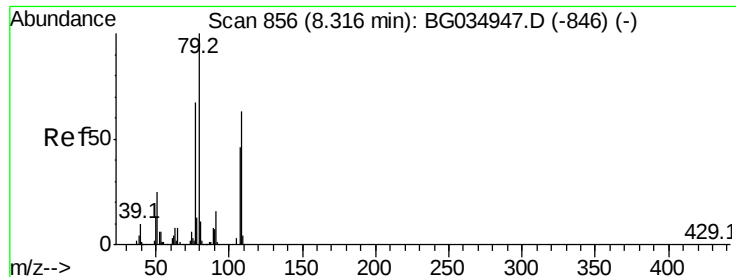


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.940 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampled :

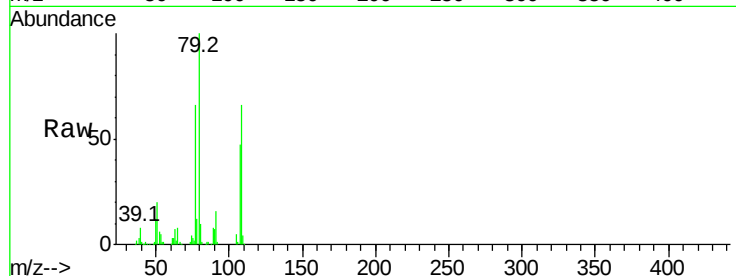
Tot Ion: 79 Resp: 170315

Ion Ratio Lower Upper

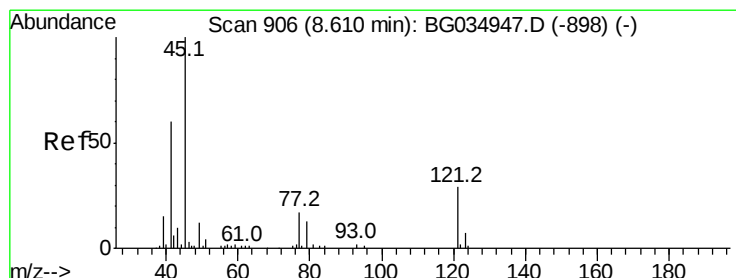
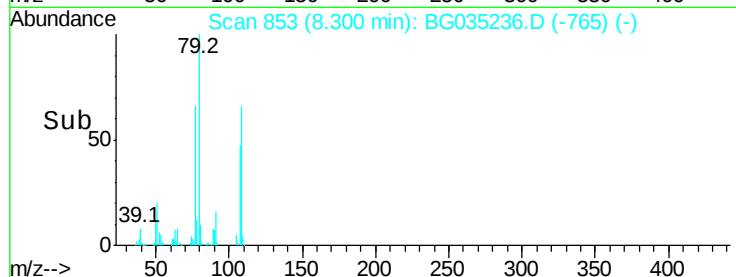
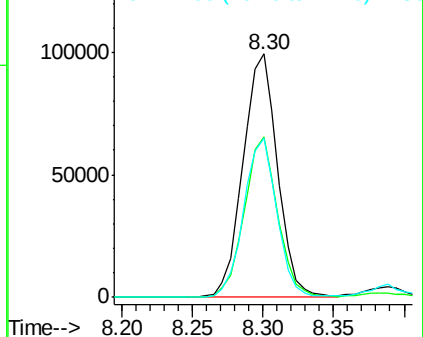
79 100

108 66.1 57.2 85.8

77 65.6 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.325 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

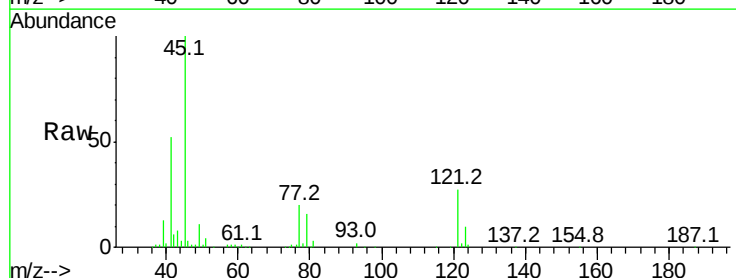
Tgt Ion: 45 Resp: 162597

Ion Ratio Lower Upper

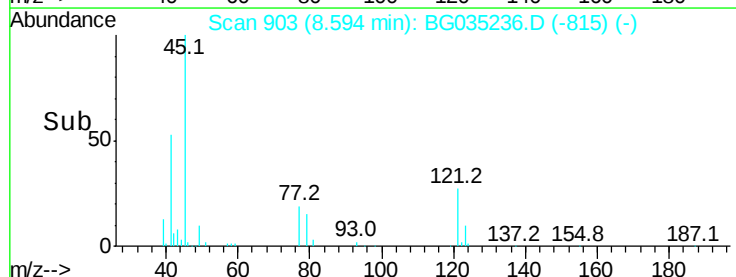
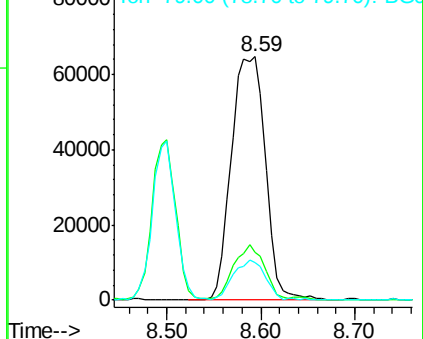
45 100

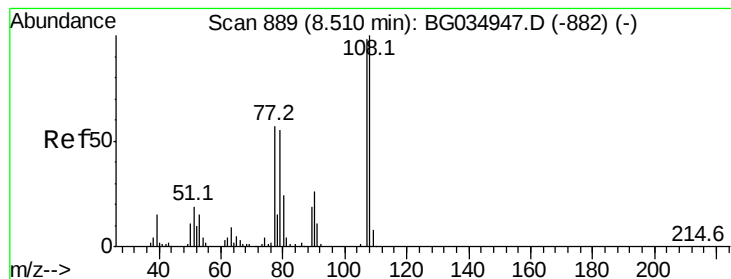
77 19.8 0.0 30.2

79 15.6 0.0 27.9



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

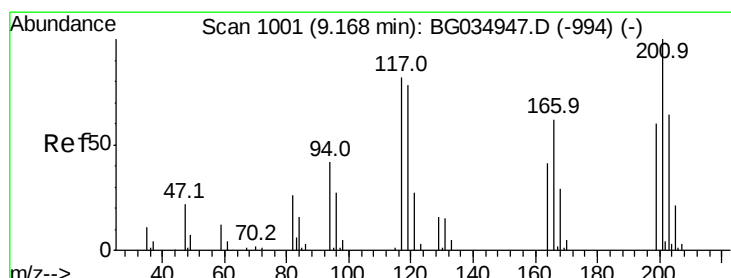
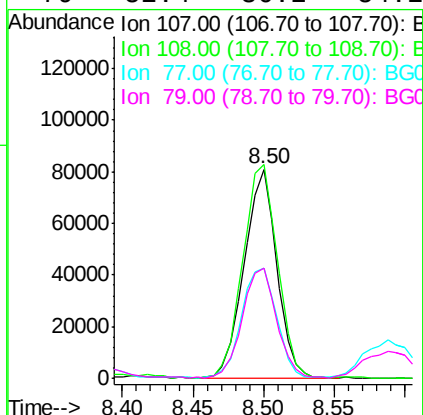
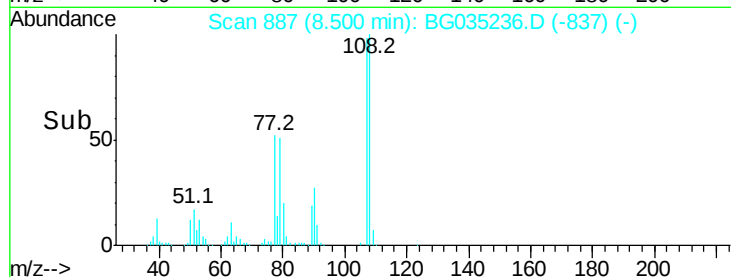
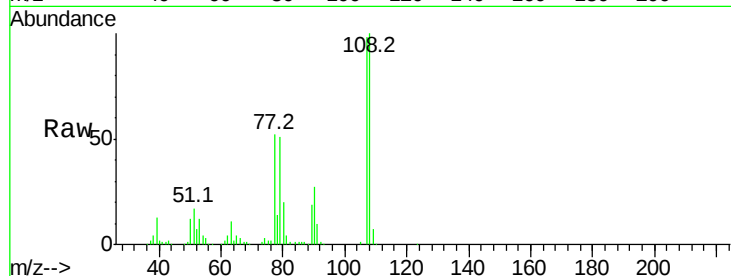




#17
2-Methylphenol
Concen: 44.059 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

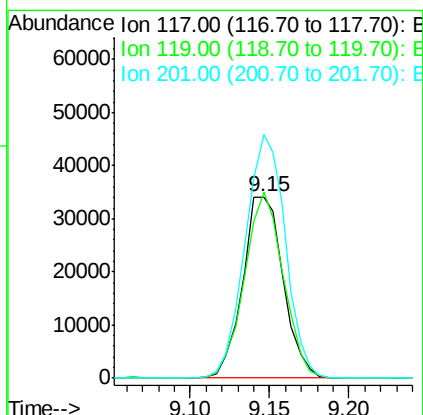
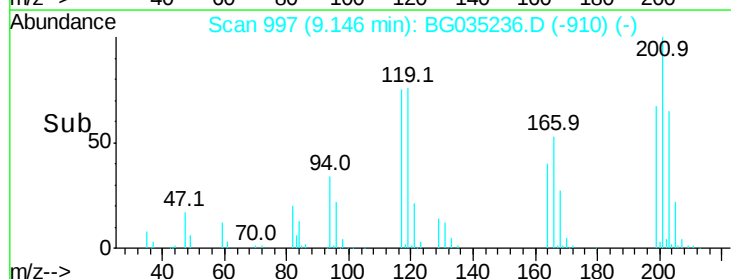
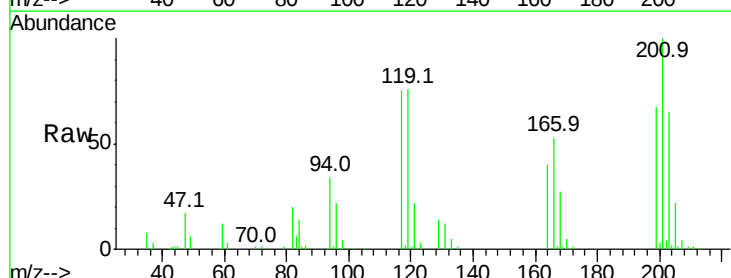
Instrument :
BNA_G
ClientSampled :

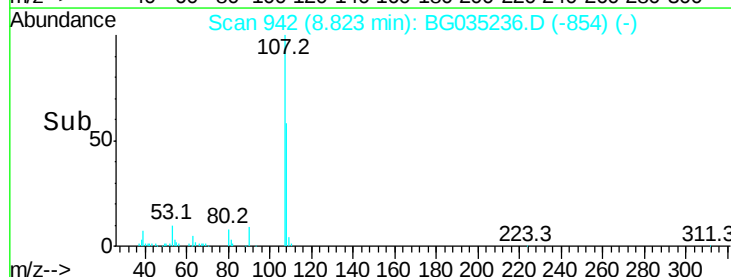
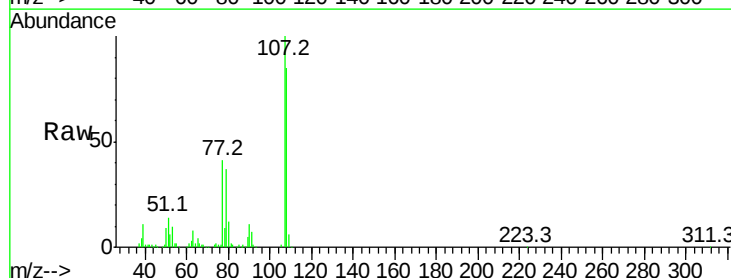
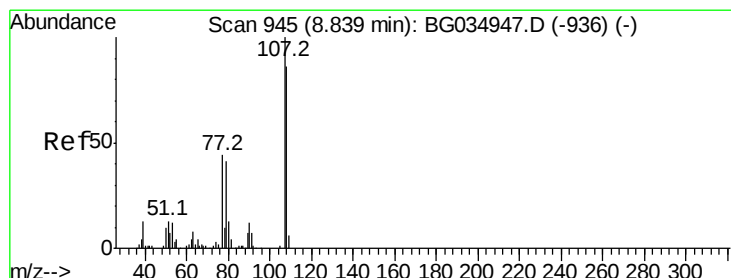
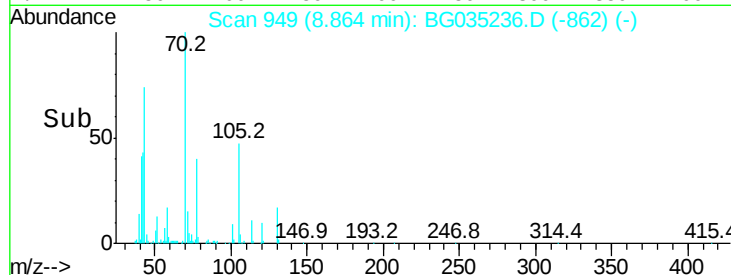
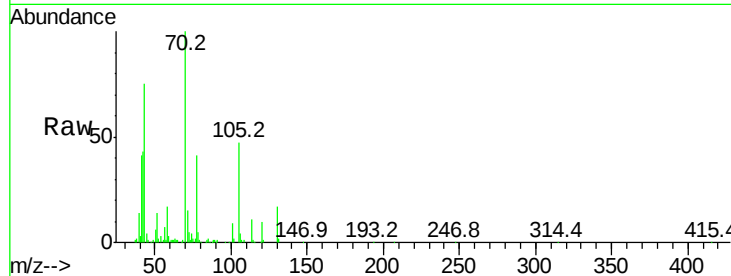
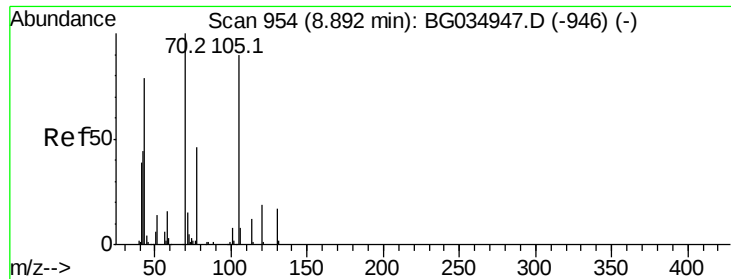
Tot Ion	Ratio	Lower	Upper
107	100		
108	102.1	83.9	125.9
77	52.6	37.2	55.8
79	52.4	36.2	54.2



#18
Hexachloroethane
Concen: 43.925 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.5	76.7	115.1
201	134.2	95.7	143.5





#19

n-Nitroso-di-n-propylamine

Concen: 37.062 ng

RT: 8.86 min Scan# 949

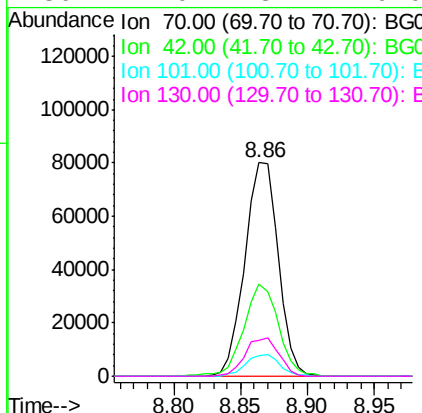
Delta R.T. -0.02 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.3	49.1	73.7#
101	9.3	8.5	12.7
130	17.0	13.4	20.0



#20

3+4-Methylphenols

Concen: 41.980 ng

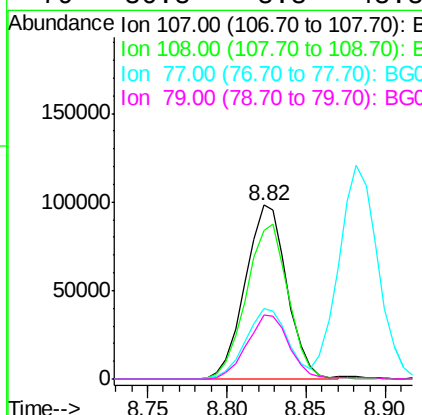
RT: 8.82 min Scan# 942

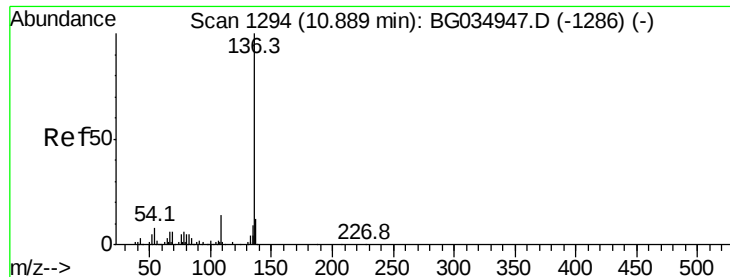
Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	61.6	101.6
77	40.8	13.9	53.9
79	36.8	8.8	48.8

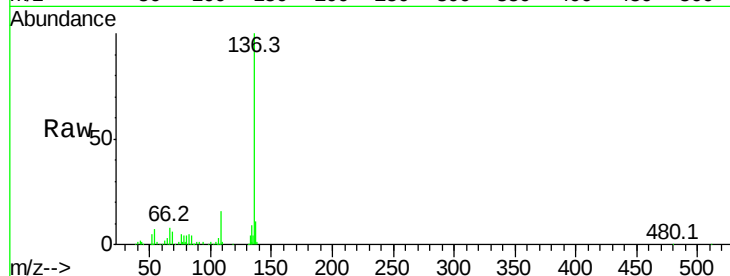




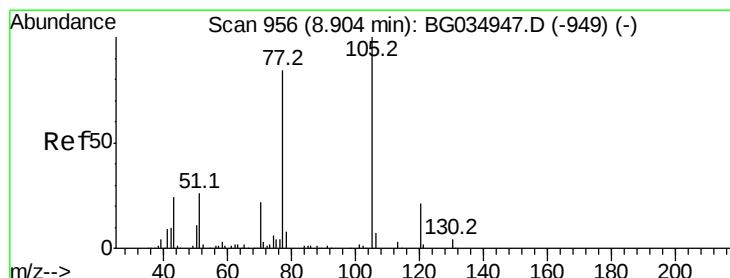
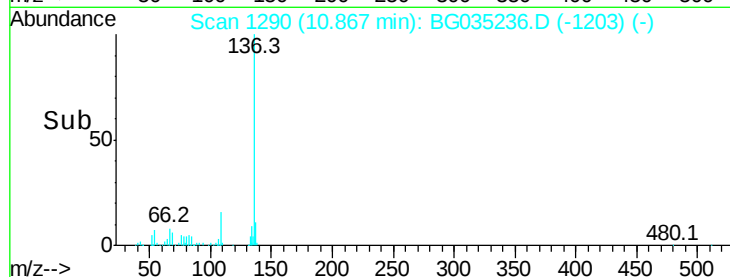
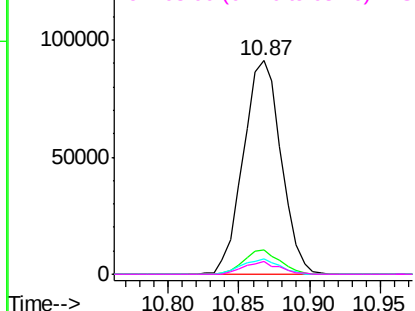
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	170966
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	7.3	10.3 15.5#
68	6.0	4.5 6.7

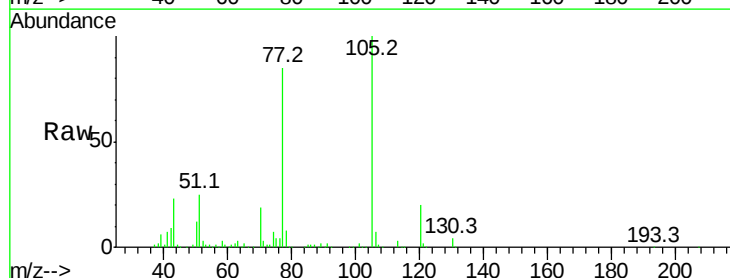


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

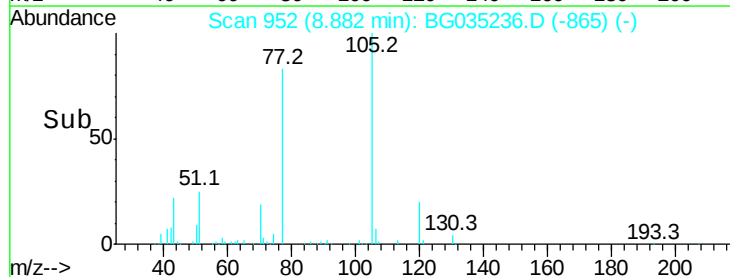
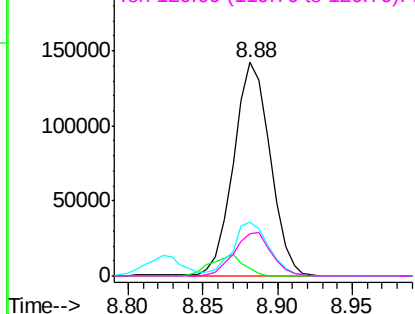


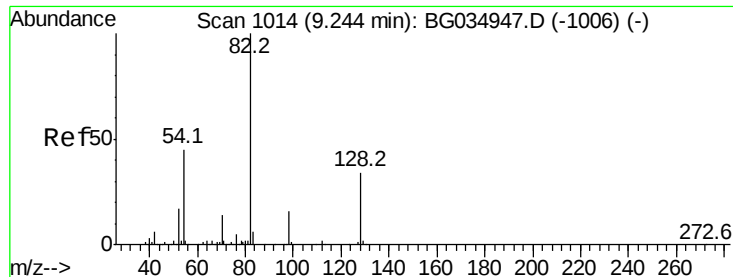
#22
Acetophenone
Concen: 45.907 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion:105	Resp:	243123
Ion Ratio	Lower	Upper
105	100	
71	3.4	3.0 4.4
51	25.1	26.1 39.1#
120	19.6	17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

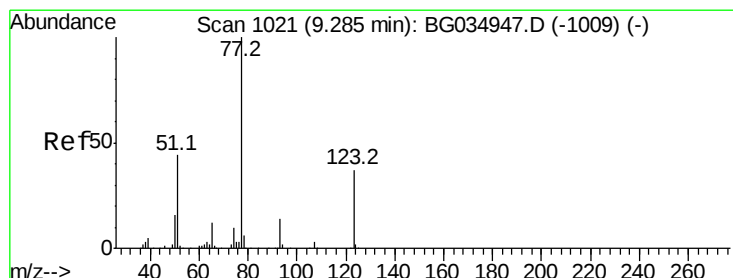
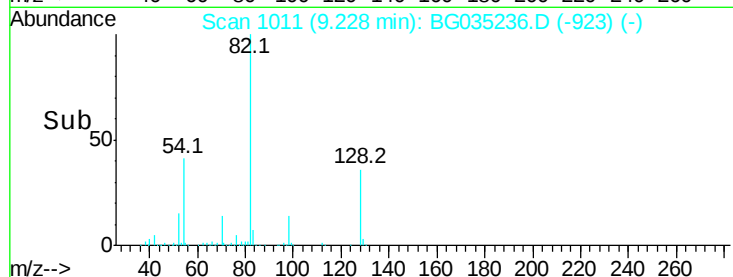
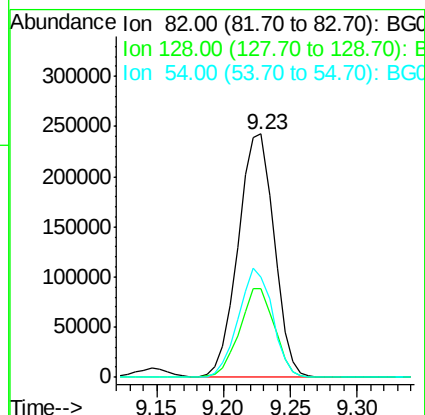
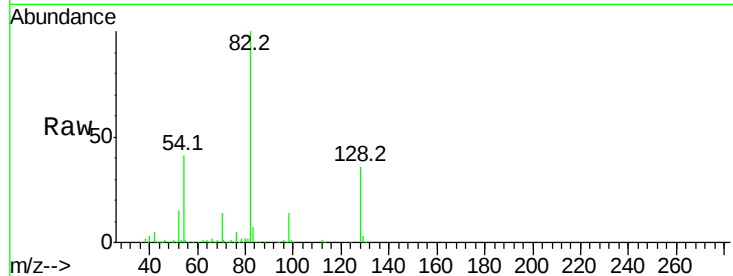




#23
Nitrobenzene-d5
Concen: 125.992 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

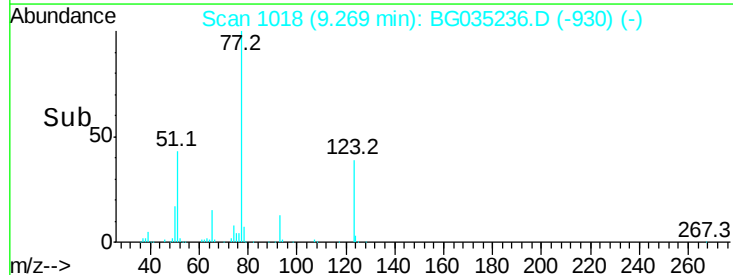
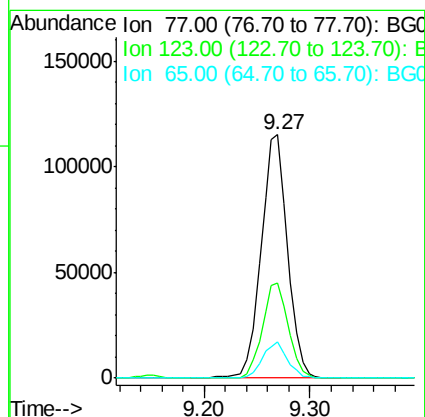
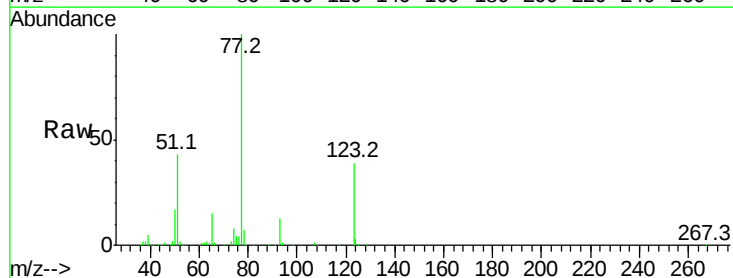
Instrument :
BNA_G
ClientSampleId :

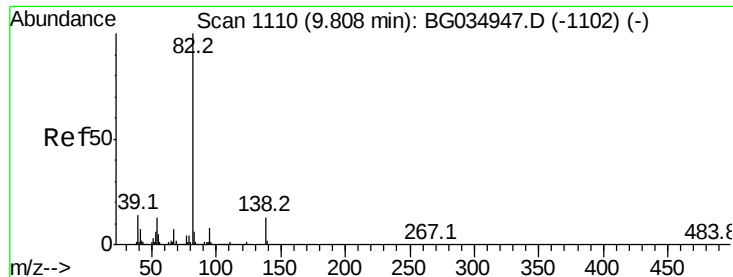
Tot Ion	82	Resp	453153
Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.7	44.5
54	41.2	43.1	64.7#



#24
Nitrobenzene
Concen: 54.214 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion	77	Resp	199671
Ion	Ratio	Lower	Upper
77	100		
123	39.1	33.0	49.6
65	15.1	13.0	19.6





#25

Isophorone

Concen: 52.636 ng

RT: 9.79 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

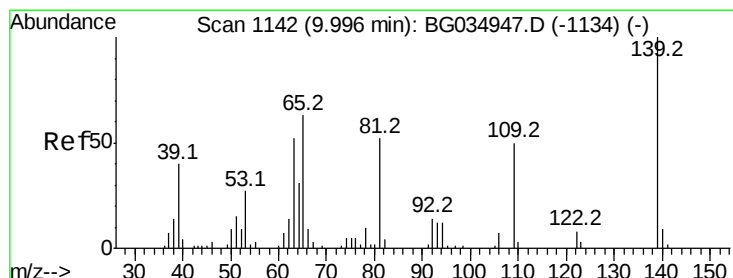
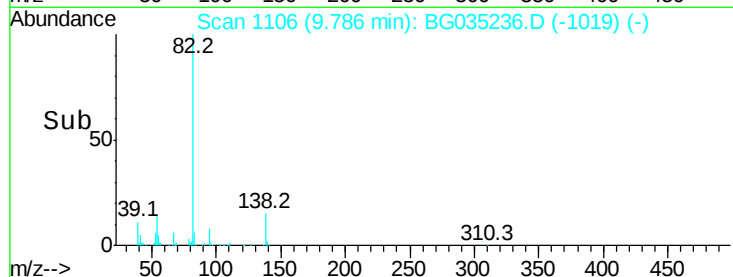
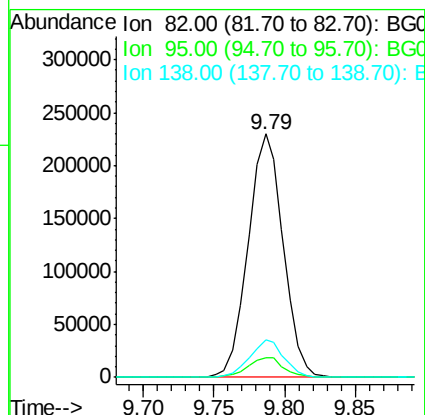
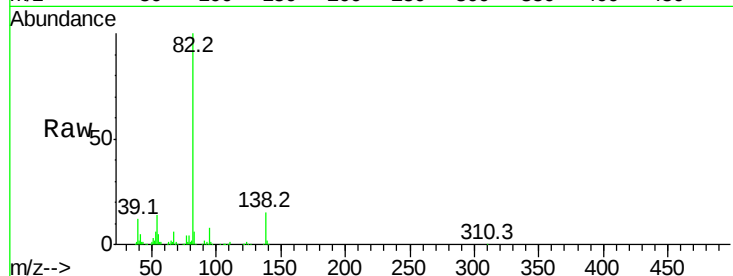
Tot Ion: 82 Resp: 399702

Ion Ratio Lower Upper

82 100

95 8.2 6.2 9.2

138 15.2 12.1 18.1



#26

2-Nitrophenol

Concen: 64.076 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

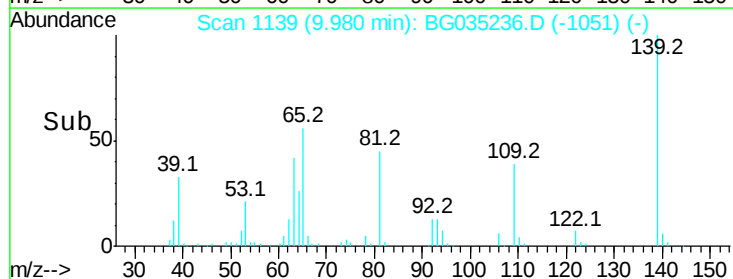
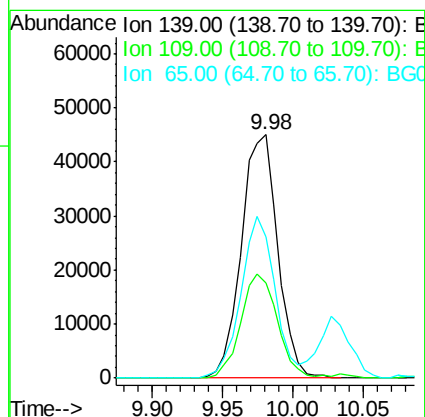
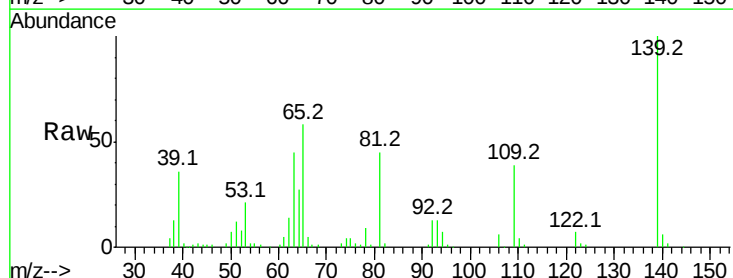
Tgt Ion: 139 Resp: 81345

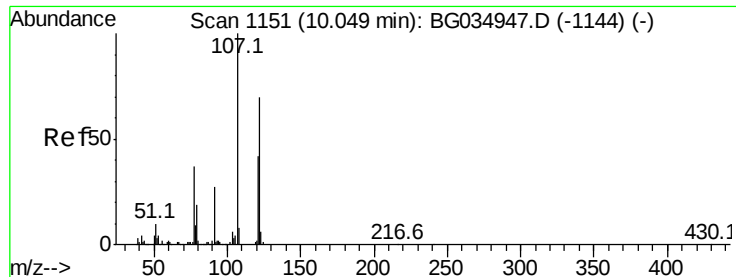
Ion Ratio Lower Upper

139 100

109 39.2 24.2 36.2#

65 58.1 47.4 71.0

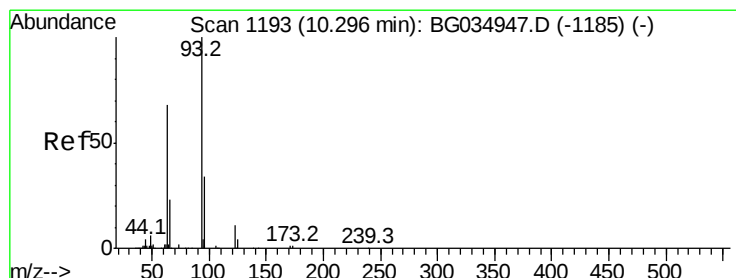
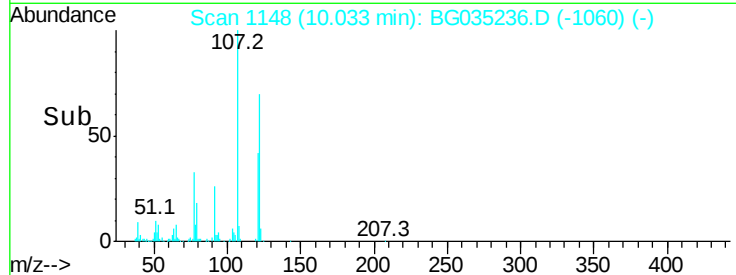
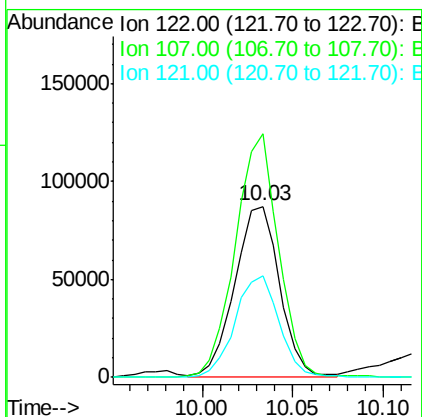
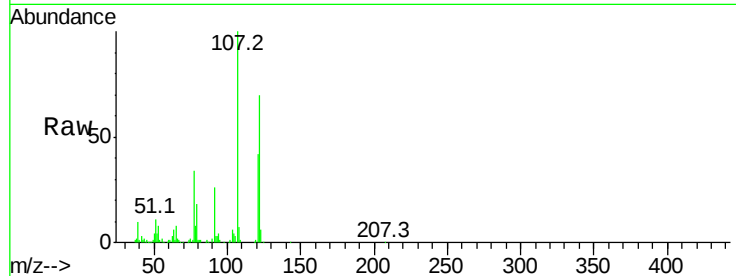




#27
2,4-Dimethylphenol
Concen: 56.308 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

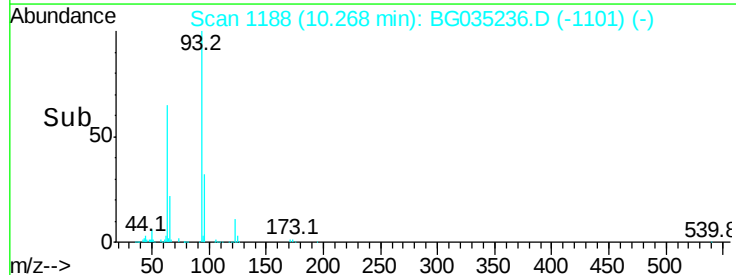
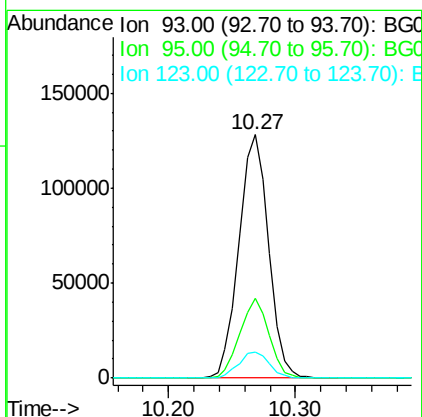
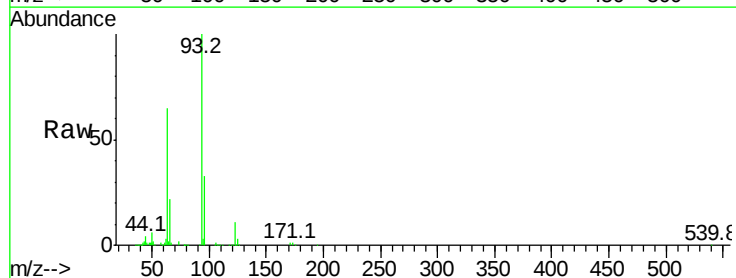
Instrument :
BNA_G
ClientSampleId :

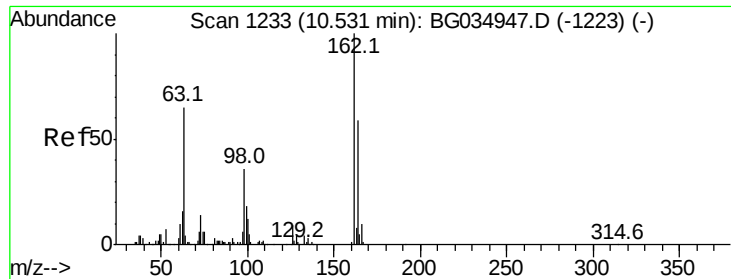
Tot Ion	Ratio	Lower	Upper
122	100		
107	142.3	100.2	150.2
121	59.4	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 50.858 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.3	36.5
123	10.5	8.4	12.6

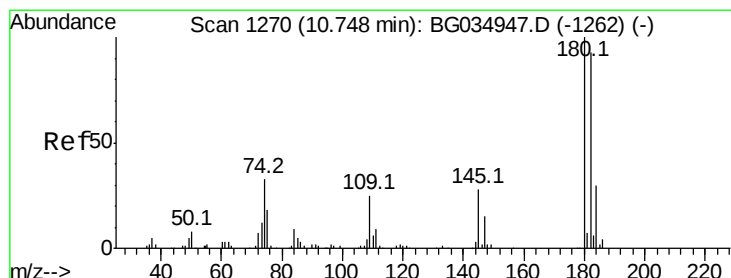
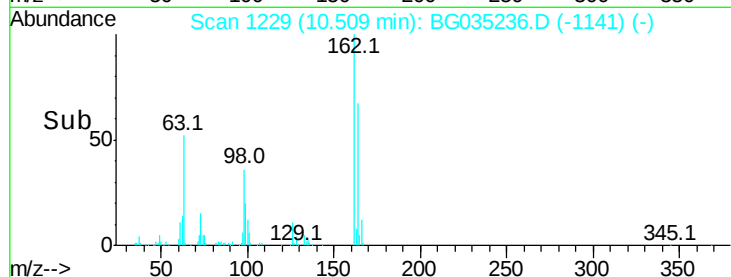
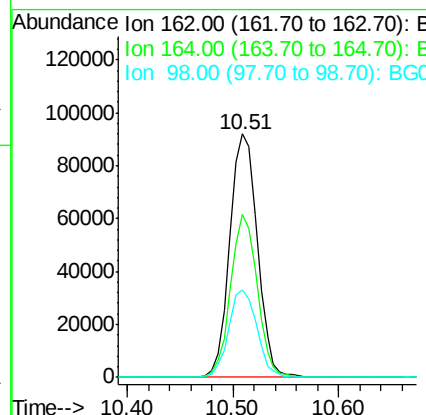
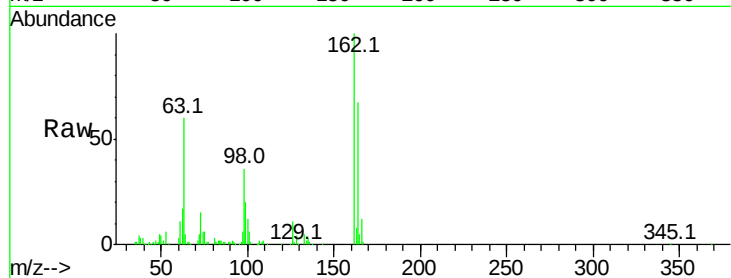




#29
 2,4-Dichlorophenol
 Concen: 57.264 ng
 RT: 10.51 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BG035236.D
 Acq: 19 Jun 2018 3:37

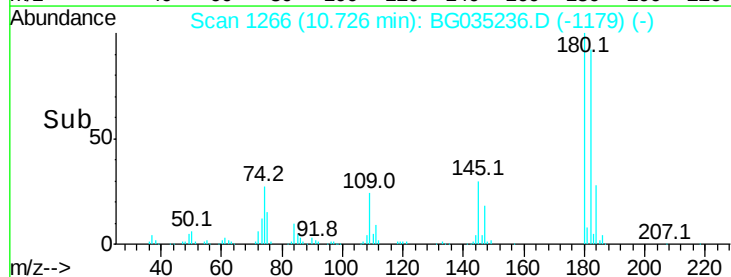
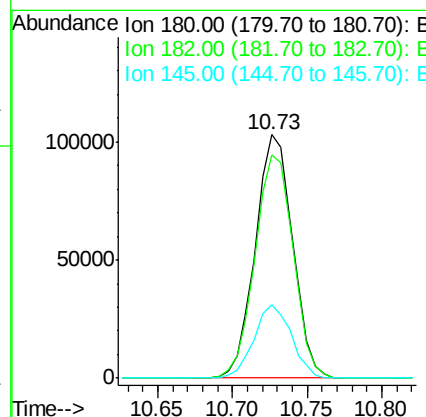
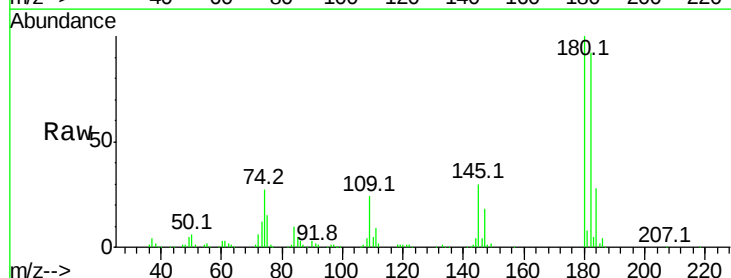
Instrument :
 BNA_G
 ClientSampled :

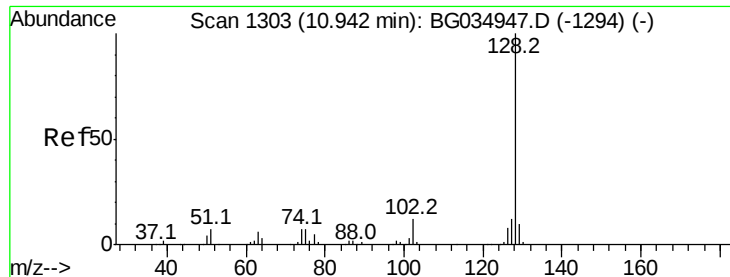
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	48.0	88.0
98	36.2	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 51.054 ng
 RT: 10.73 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BG035236.D
 Acq: 19 Jun 2018 3:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	77.5	116.3
145	30.0	23.4	35.2

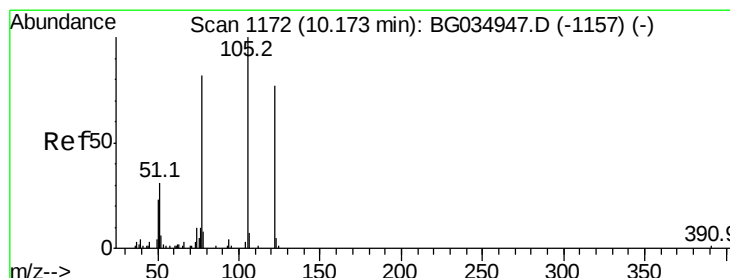
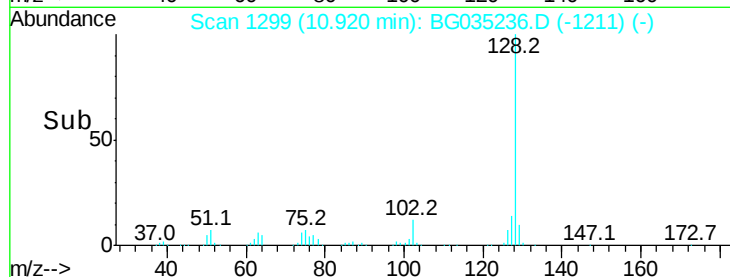
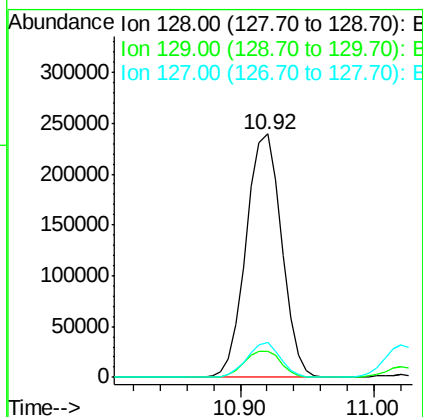
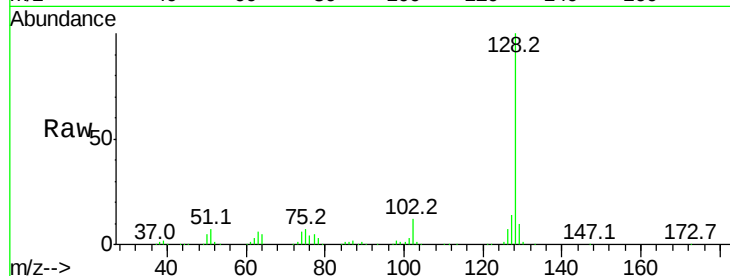




#31
Naphthalene
Concen: 49.634 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

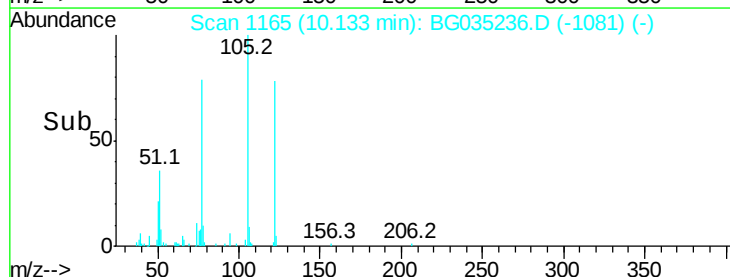
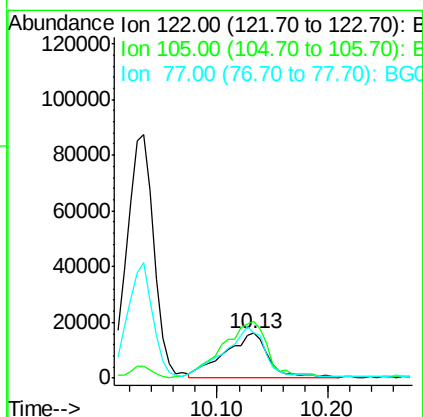
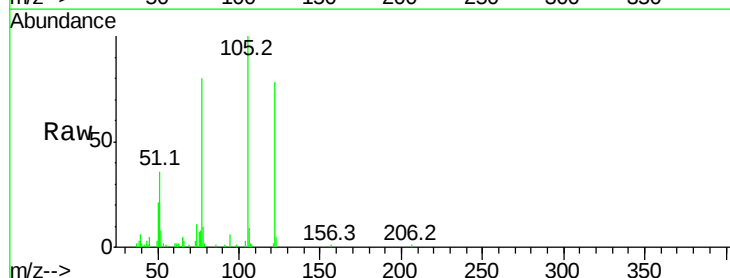
Instrument :
BNA_G
ClientSampleId :

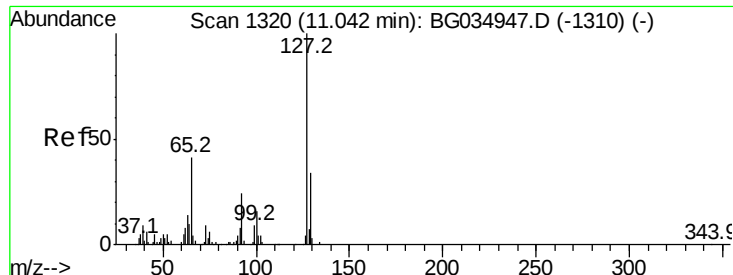
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	14.3	11.6	17.4



#32
Benzoic acid
Concen: 24.447 ng
RT: 10.13 min Scan# 1165
Delta R.T. -0.03 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.5	123.5	163.5
77	102.2	85.7	125.7

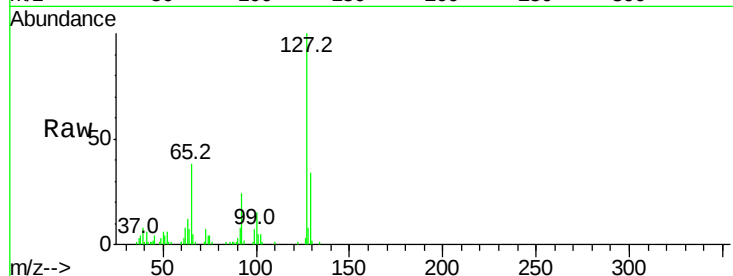




#33
4-Chloroaniline
Concen: 16.211 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.4	24.0	36.0
65	37.9	27.0	40.4
92	24.3	16.6	25.0



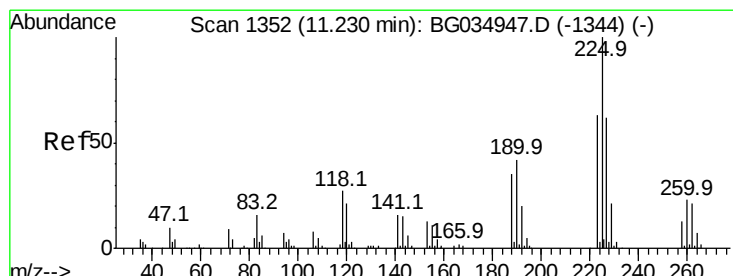
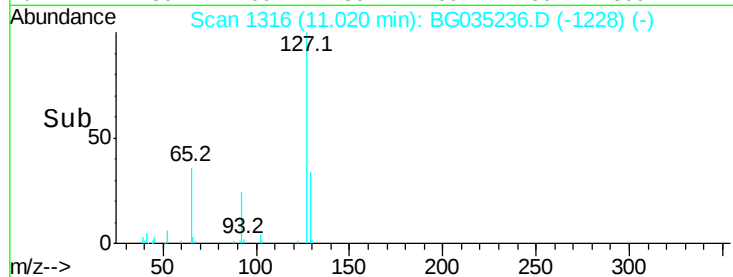
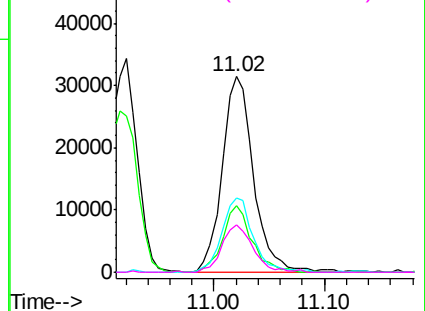
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

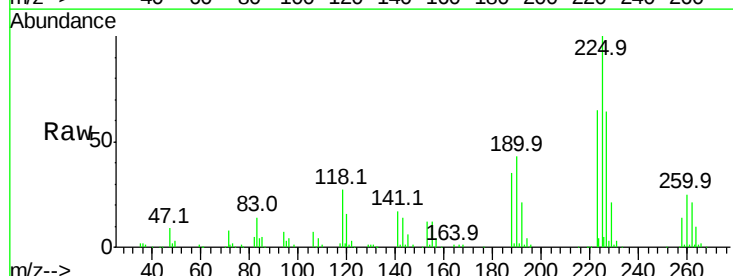
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 50.072 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.7	74.5
227	63.5	48.1	72.1

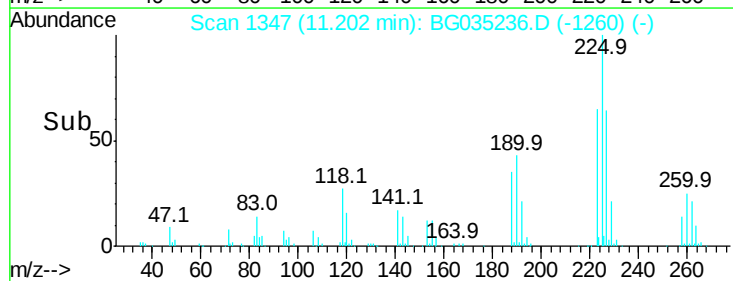
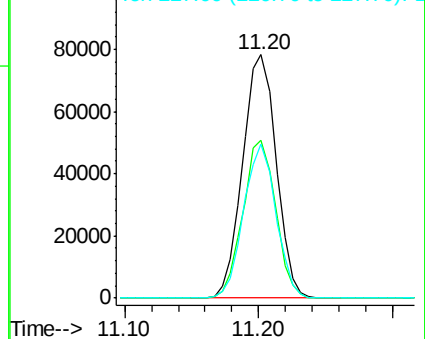


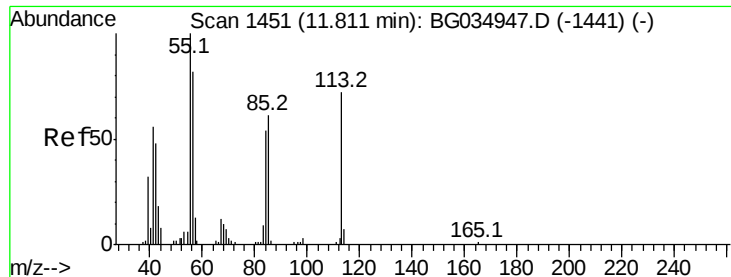
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.326 ng

RT: 11.80 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampled :

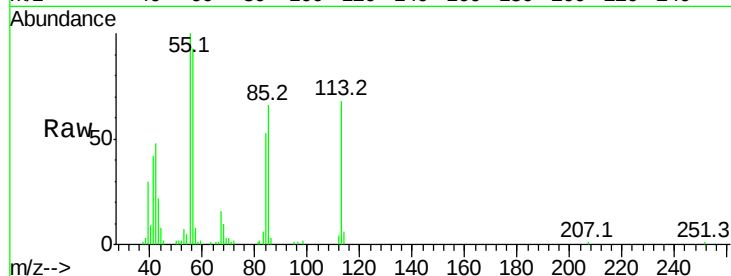
Tot Ion:113 Resp: 26103

Ion Ratio Lower Upper

113 100

55 146.3 186.9 226.9#

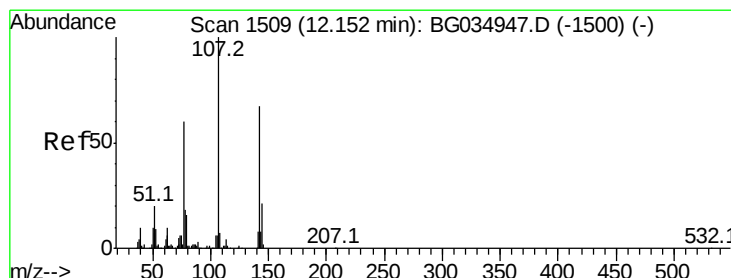
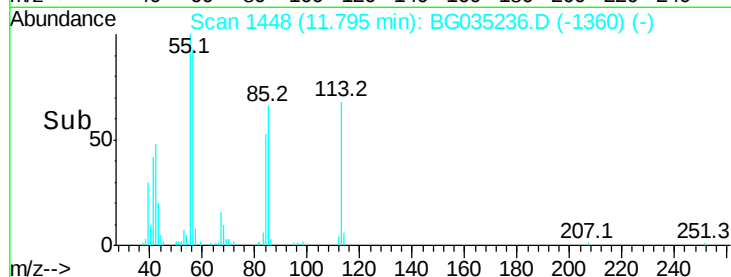
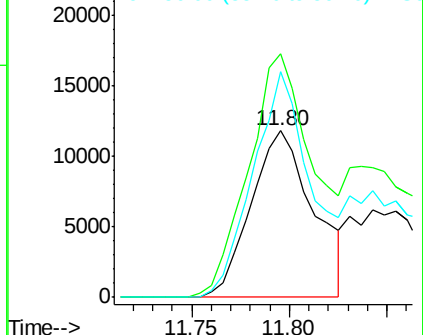
56 135.6 130.9 170.9



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: 56.603 ng

RT: 12.14 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

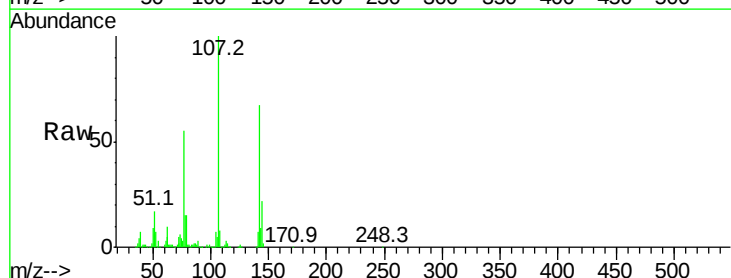
Tgt Ion:107 Resp: 204867

Ion Ratio Lower Upper

107 100

144 21.8 18.2 27.4

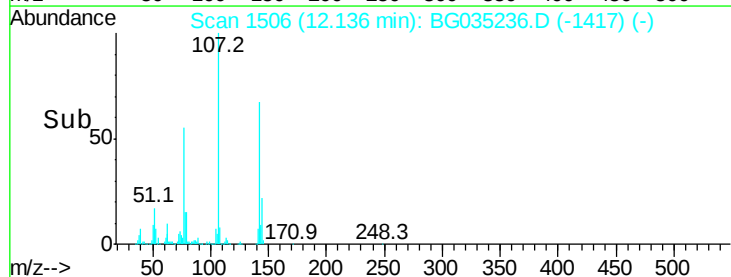
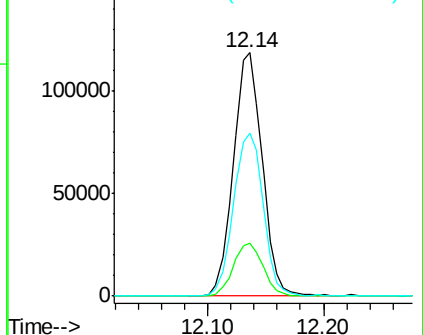
142 66.8 59.0 88.4

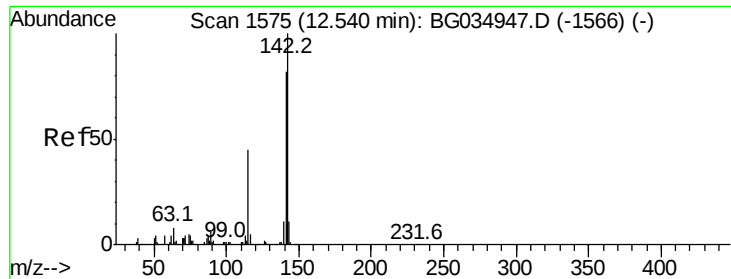


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

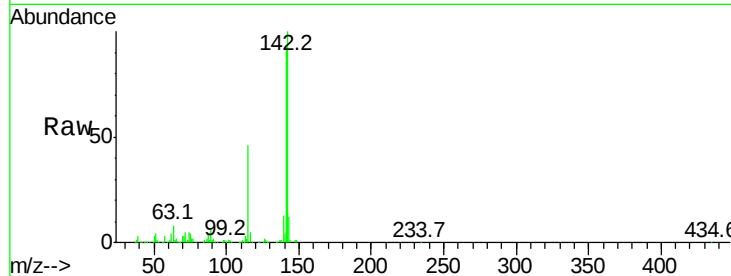




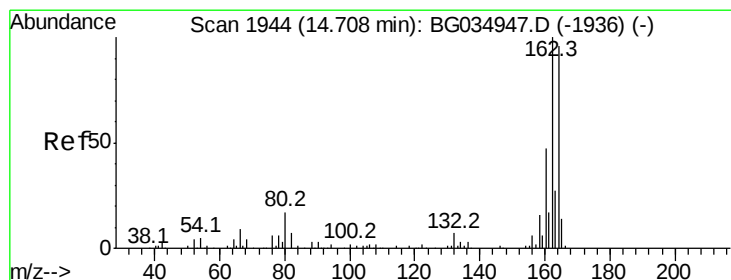
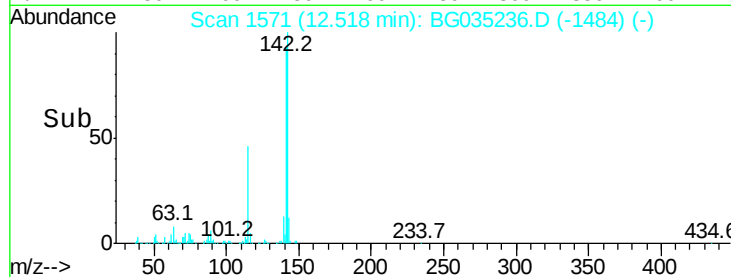
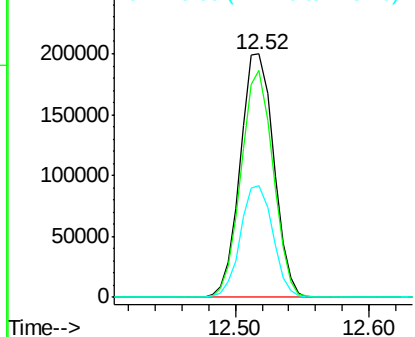
#37
2-Methylnaphthalene
Concen: 51.572 ng
RT: 12.52 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 347263
Ion Ratio Lower Upper
142 100
141 93.3 67.1 100.7
115 45.8 30.7 46.1

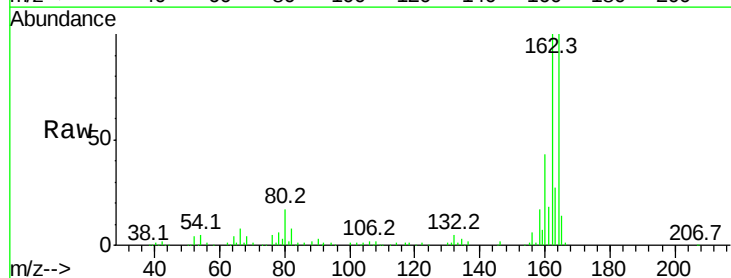


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

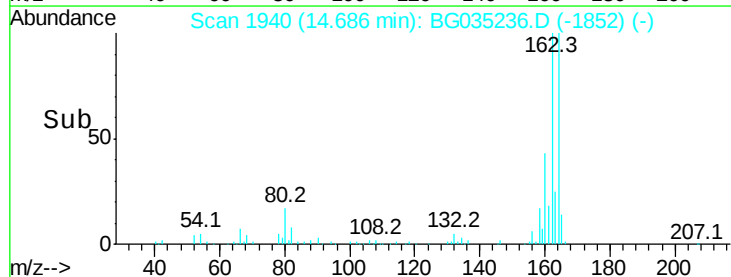
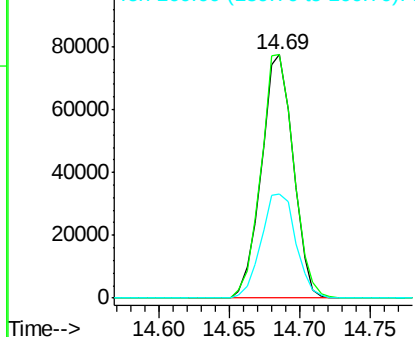


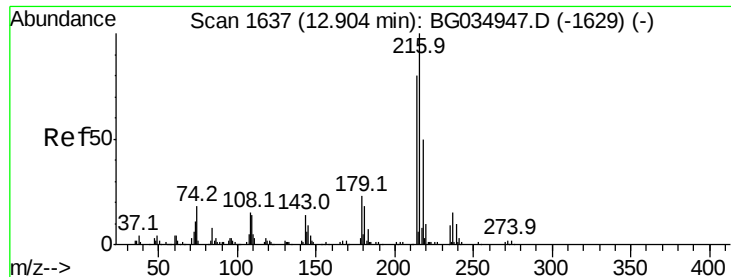
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion:164 Resp: 122761
Ion Ratio Lower Upper
164 100
162 99.9 78.8 118.2
160 42.9 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

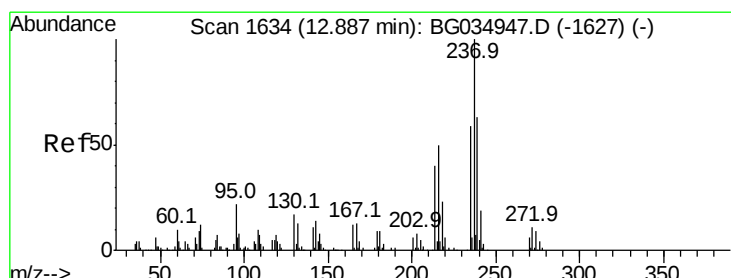
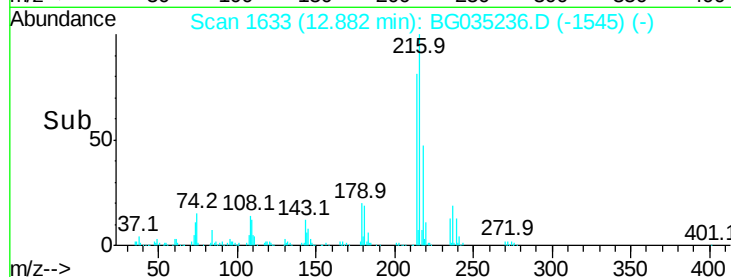
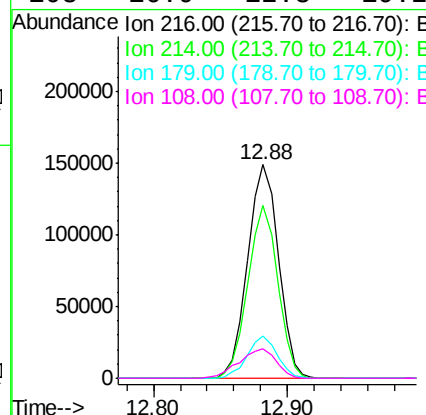
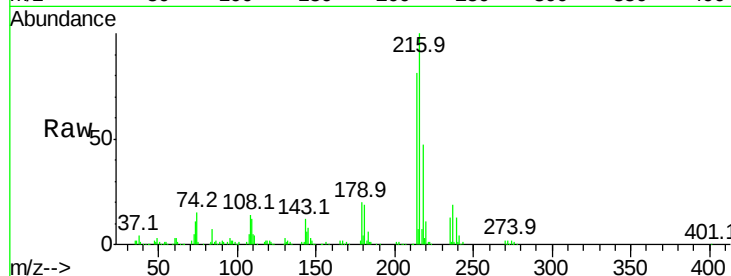




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.724 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG035236.D
 Acq: 19 Jun 2018 3:37

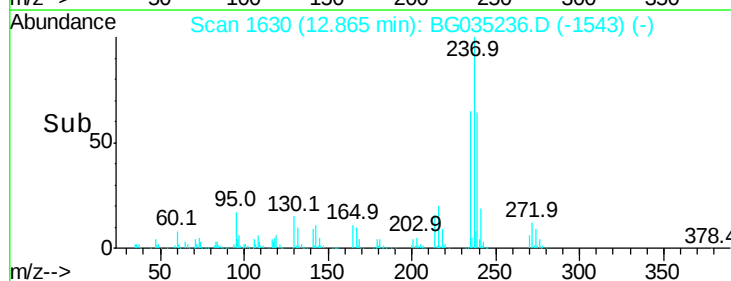
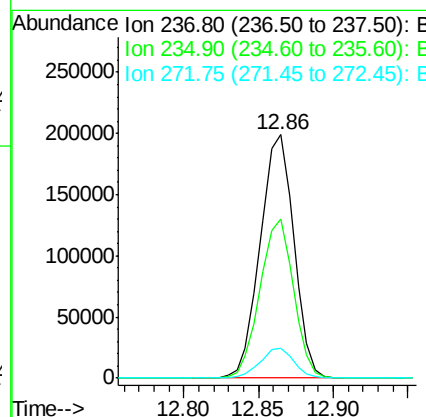
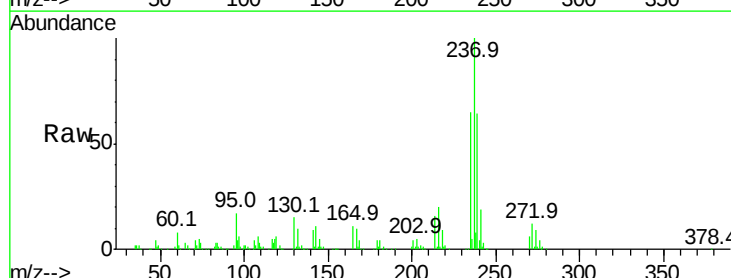
Instrument :
 BNA_G
 ClientSampleId :

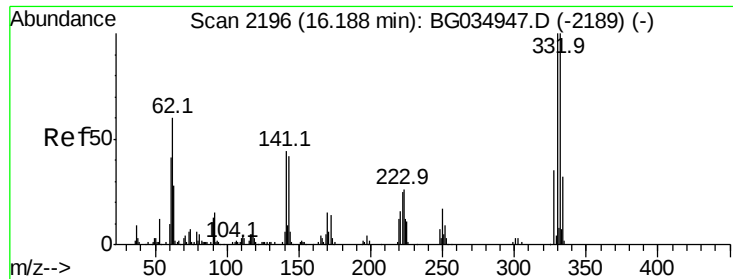
Tot Ion:	216	Resp:	236514
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	19.3	17.0	25.6
108	16.9	12.8	19.2



#40
 Hexachlorocyclopentadiene
 Concen: 108.217 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BG035236.D
 Acq: 19 Jun 2018 3:37

Tgt Ion:	237	Resp:	310305
Ion	Ratio	Lower	Upper
237	100		
235	65.3	50.4	90.4
272	12.3	0.0	31.8

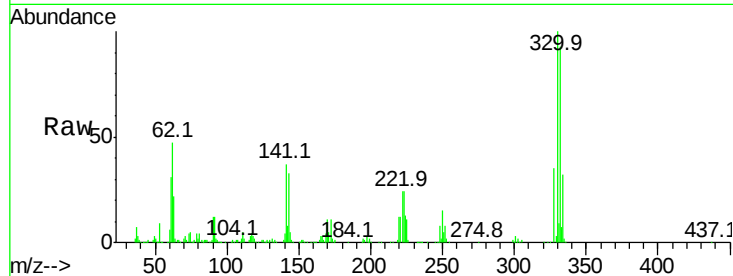




#41
 2,4,6-Tribromophenol
 Concen: 219.370 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035236.D
 Acq: 19 Jun 2018 3:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	37.1	25.2	37.8

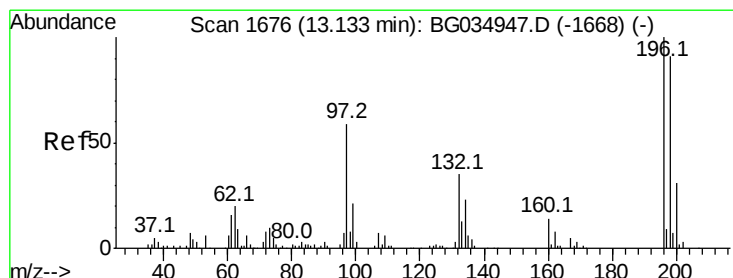
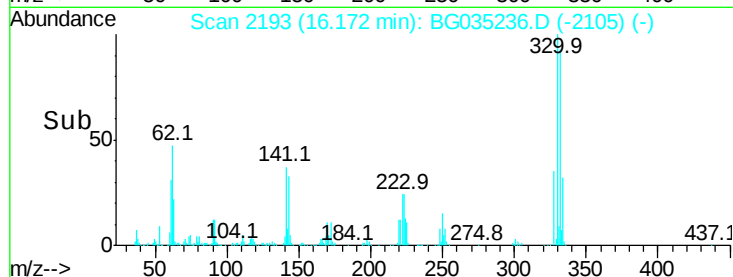
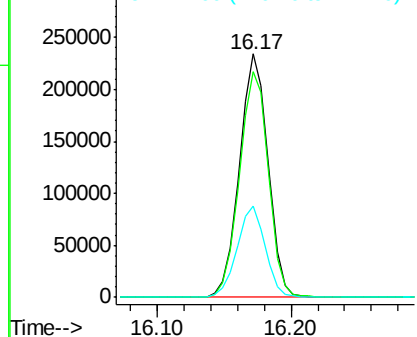


Abundance

Ion 329.80 (329.50 to 330.50): E

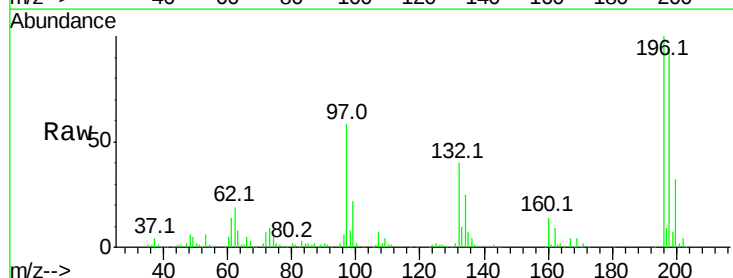
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 58.261 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG035236.D
 Acq: 19 Jun 2018 3:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	78.2	117.2
200	32.4	24.6	36.8

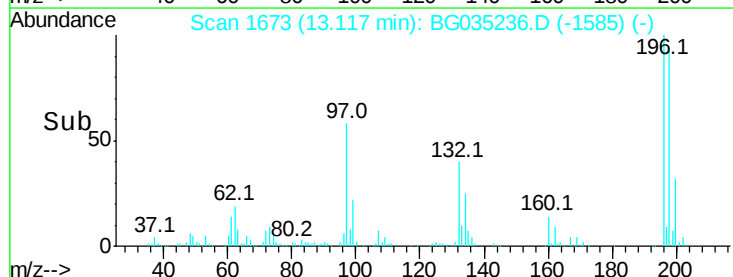
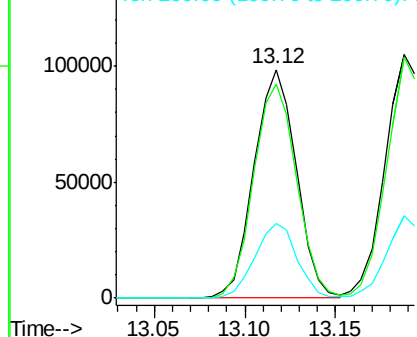


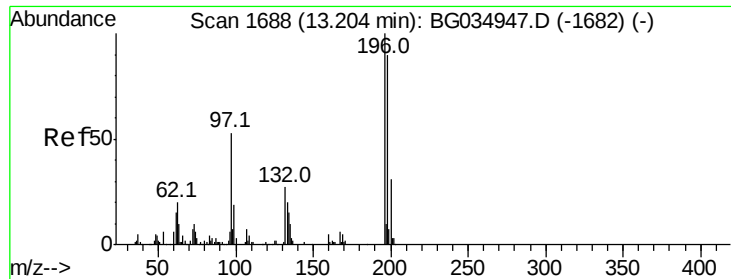
Abundance

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

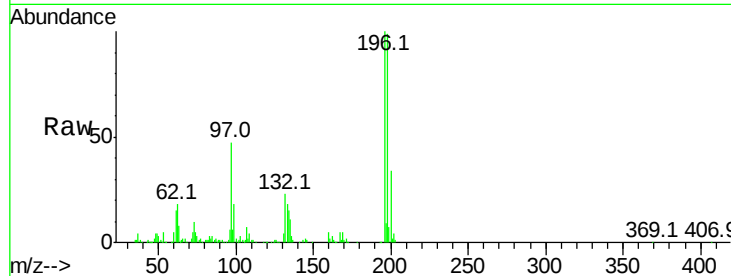




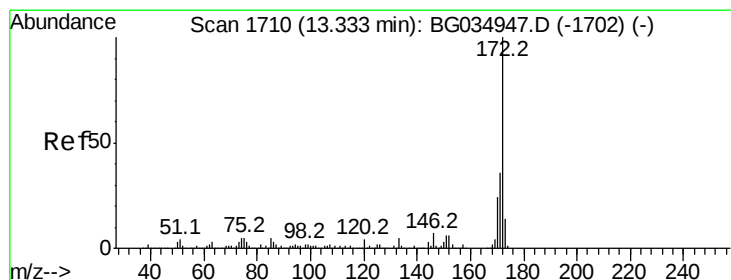
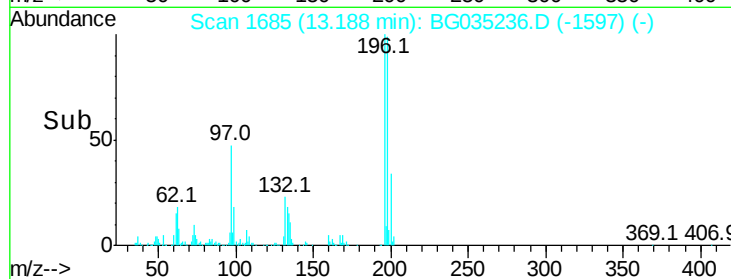
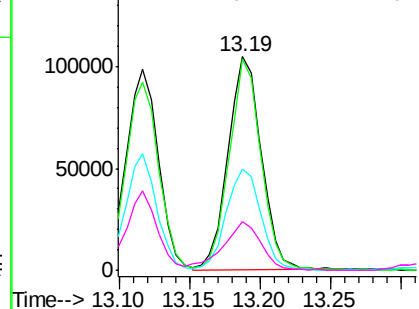
#43
2,4,5-Trichlorophenol
Concen: 57.260 ng
RT: 13.19 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 172074
Ion Ratio Lower Upper
196 100
198 99.2 76.2 114.4
97 47.1 38.7 58.1
132 22.8 20.2 30.2

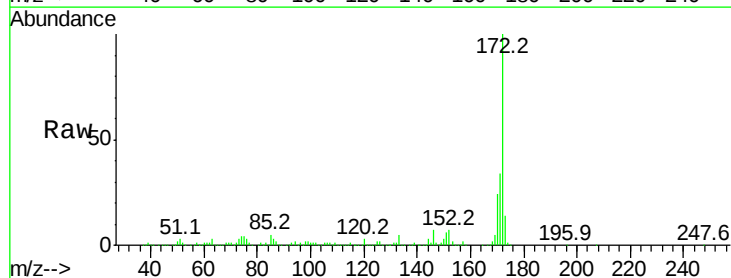


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

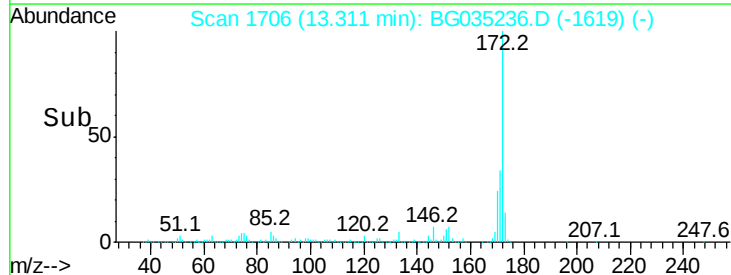
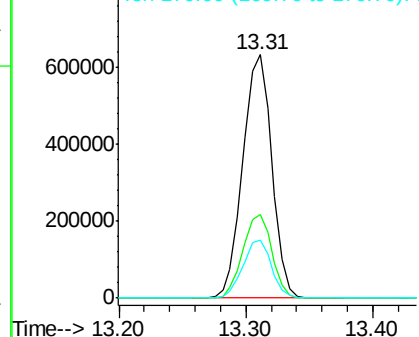


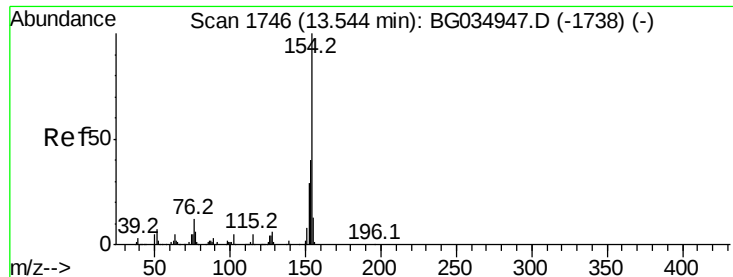
#44
2-Fluorobiphenyl
Concen: 106.050 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion:172 Resp: 1001449
Ion Ratio Lower Upper
172 100
171 34.4 30.0 45.0
170 23.8 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: 47.825 ng

RT: 13.52 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

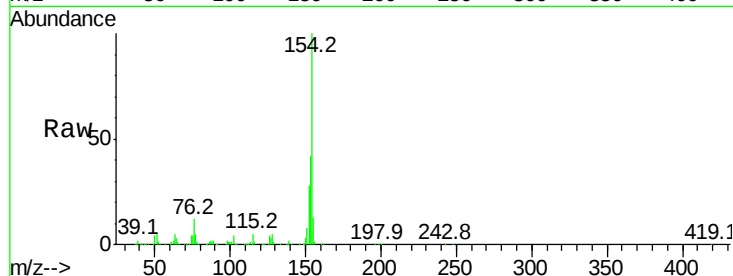
Tot Ion:154 Resp: 472093

Ion Ratio Lower Upper

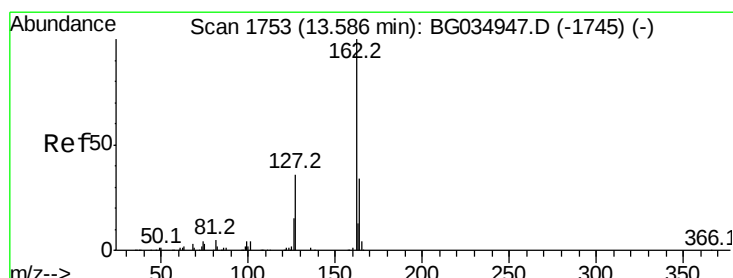
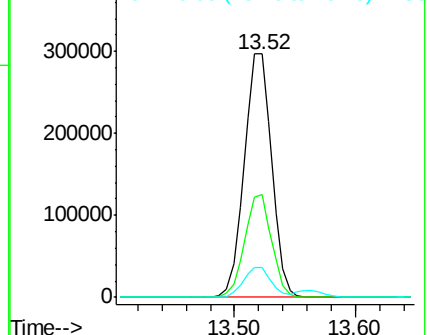
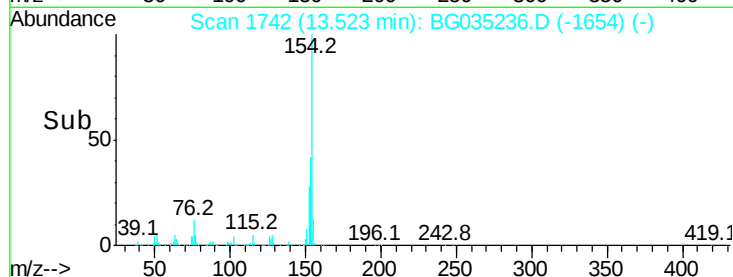
154 100

153 42.1 19.8 59.8

76 12.2 0.0 31.9



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



#46

2-Chloronaphthalene

Concen: 50.447 ng

RT: 13.56 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

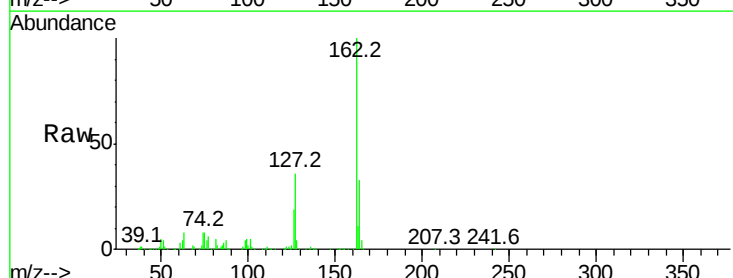
Tgt Ion:162 Resp: 376500

Ion Ratio Lower Upper

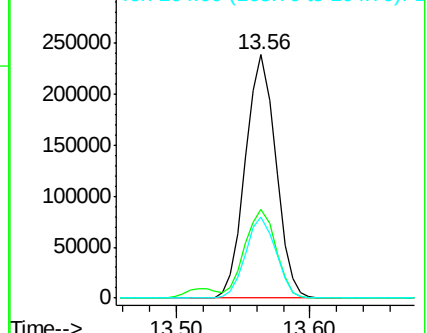
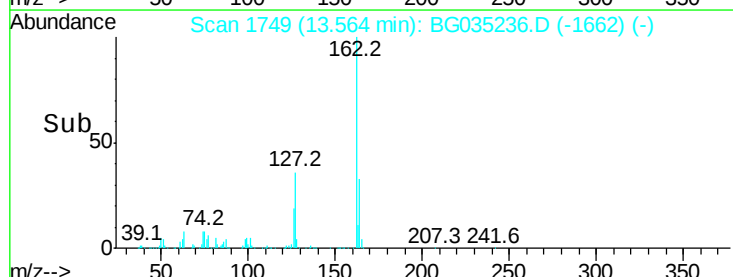
162 100

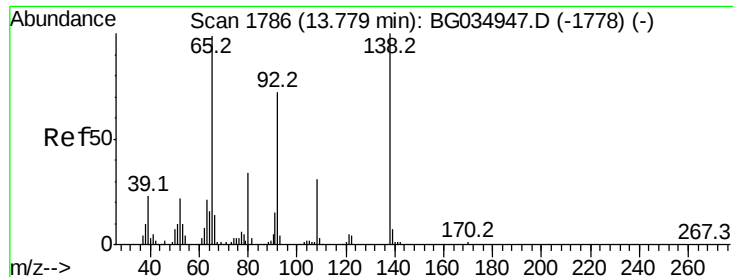
127 36.4 30.7 46.1

164 33.1 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

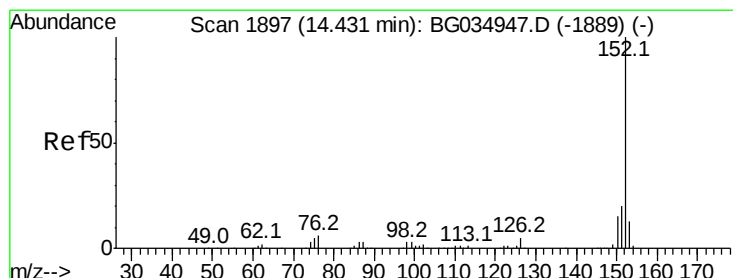
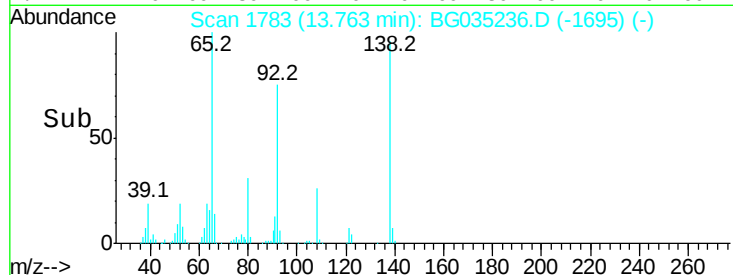
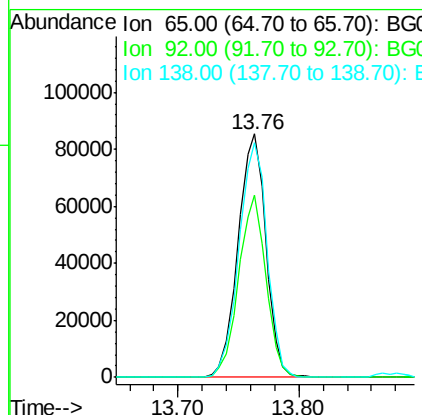
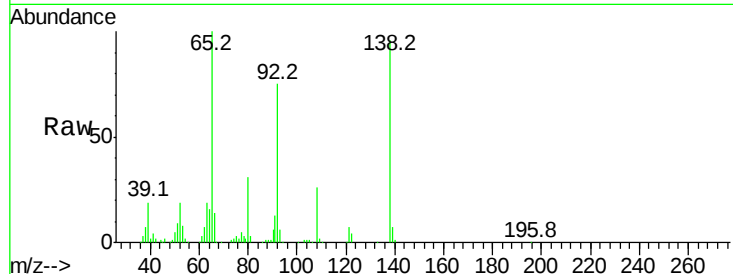




#47
2-Nitroaniline
Concen: 62.571 ng
RT: 13.76 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

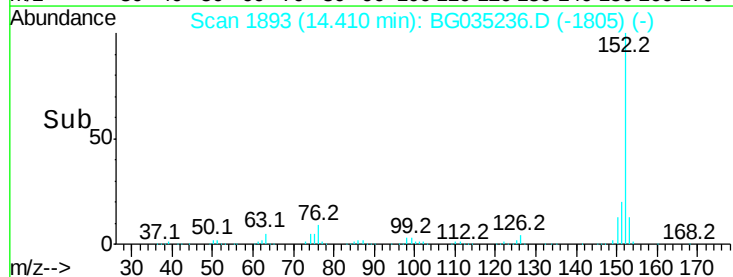
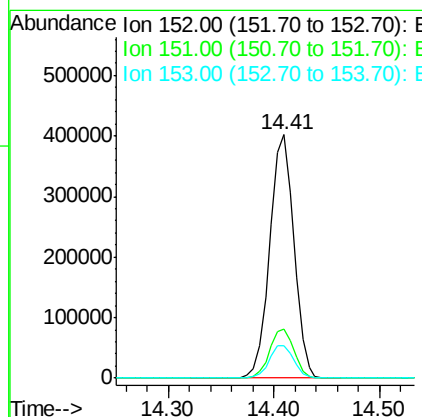
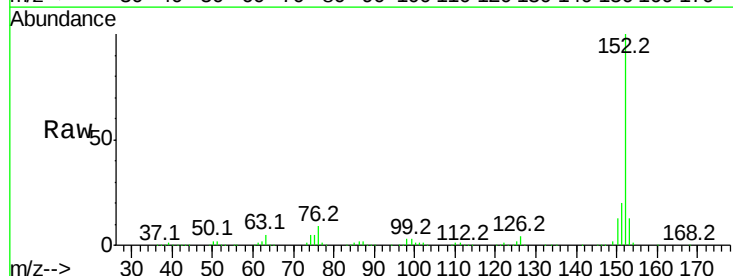
Instrument :
BNA_G
ClientSampled :

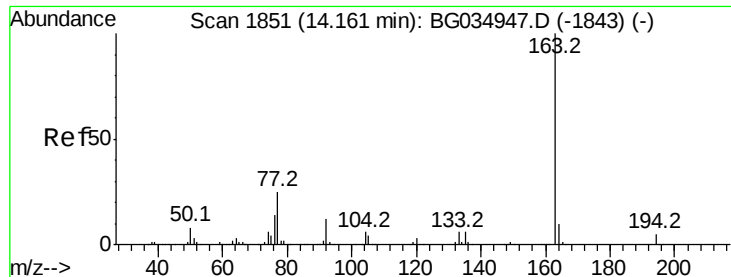
Tot Ion: 65 Resp: 137897
Ion Ratio Lower Upper
65 100
92 74.7 54.6 82.0
138 96.2 72.9 109.3



#48
Acenaphthylene
Concen: 50.693 ng
RT: 14.41 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion: 152 Resp: 634386
Ion Ratio Lower Upper
152 100
151 19.9 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 51.756 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

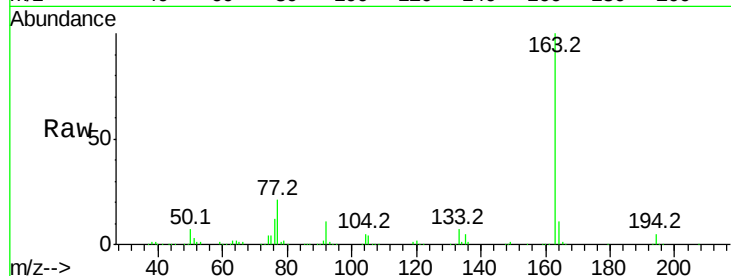
Tot Ion:163 Resp: 554055

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

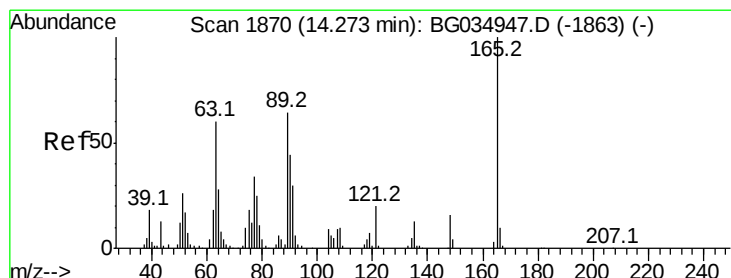
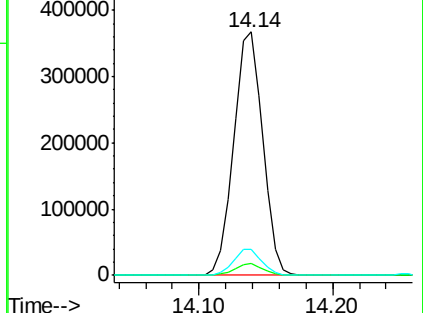
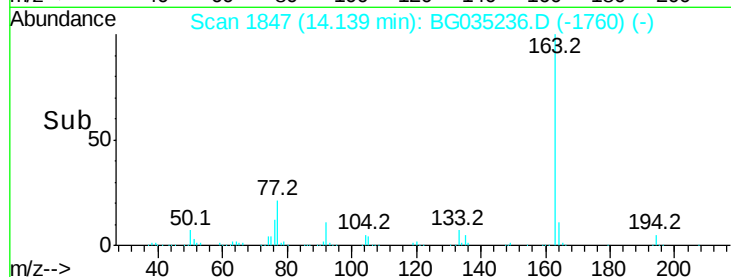
164 10.5 8.2 12.4



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: 63.483 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

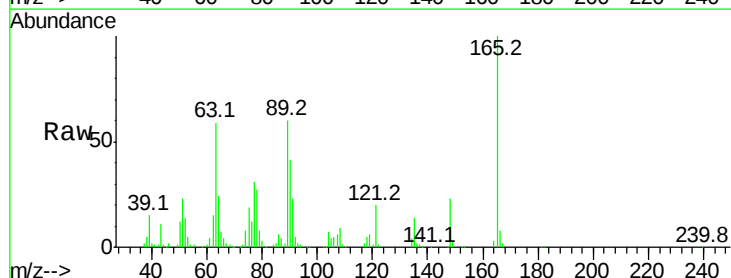
Tgt Ion:165 Resp: 123981

Ion Ratio Lower Upper

165 100

63 59.4 52.7 79.1

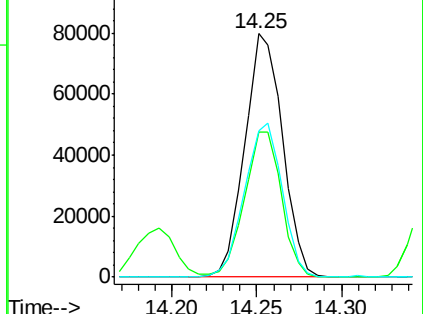
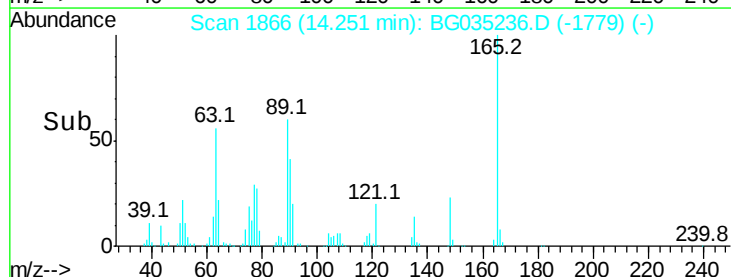
89 59.9 49.2 73.8

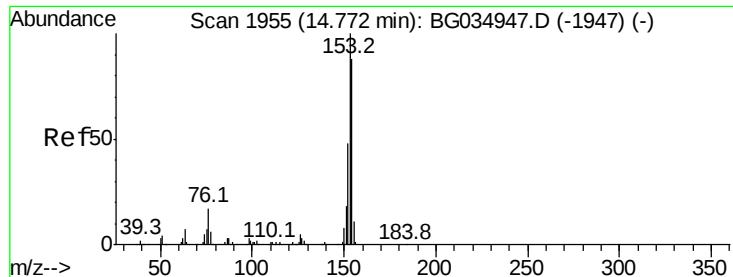


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 47.320 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

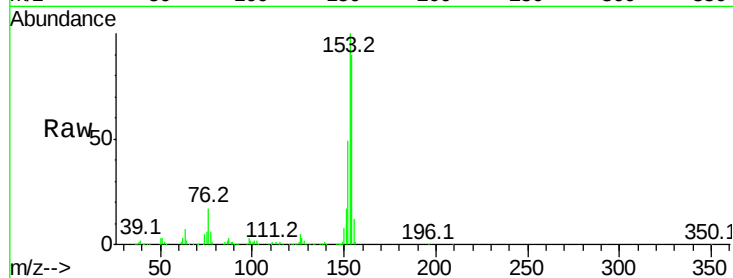
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 386910

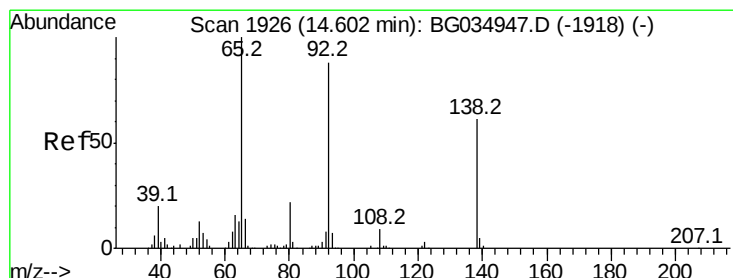
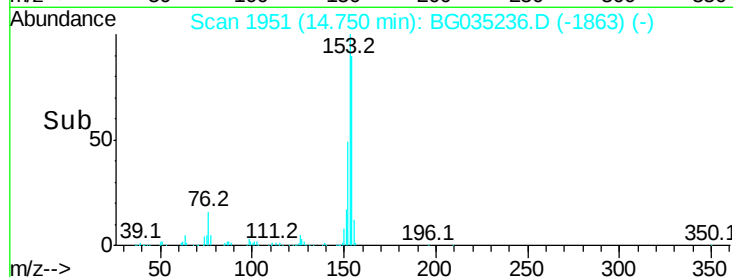
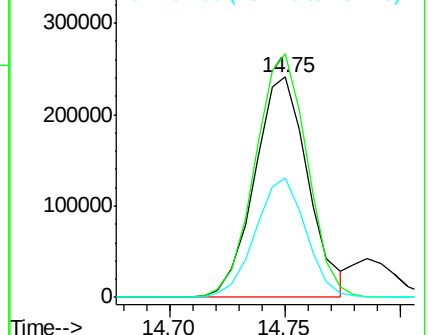
Ion	Ratio	Lower	Upper
154	100		
153	110.6	90.4	135.6
152	54.3	41.6	62.4



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: 41.533 ng

RT: 14.59 min Scan# 1923

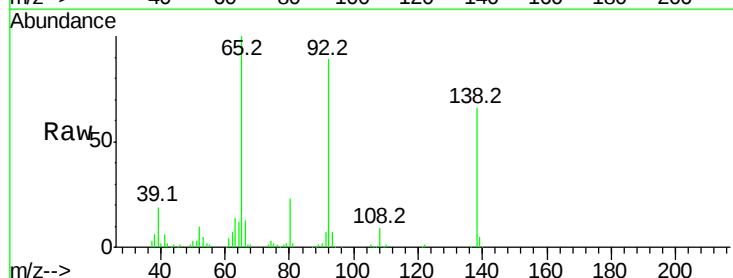
Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Tgt Ion:138 Resp: 79592

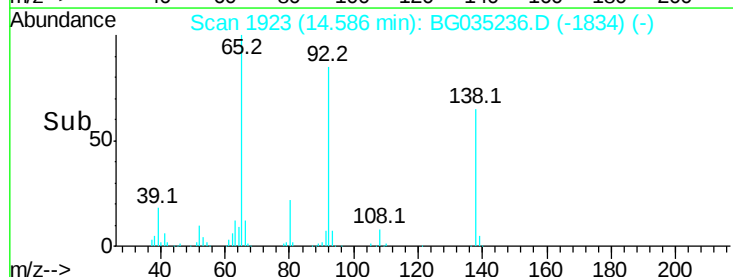
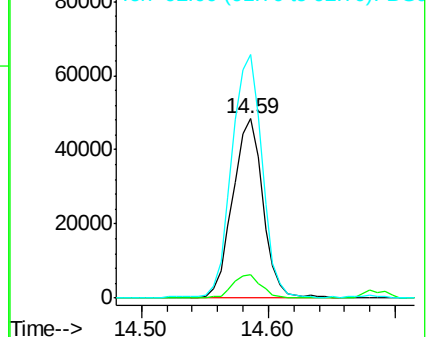
Ion	Ratio	Lower	Upper
138	100		
108	13.1	17.5	26.3#
92	135.9	105.8	158.8

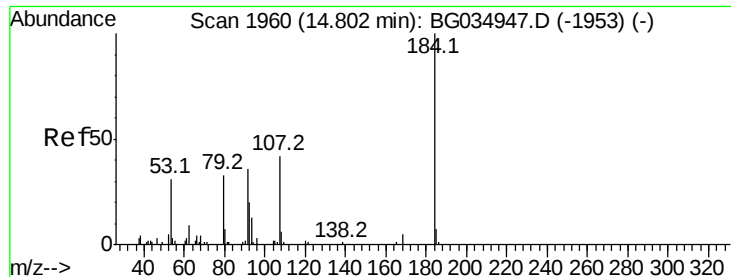


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 116.849 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

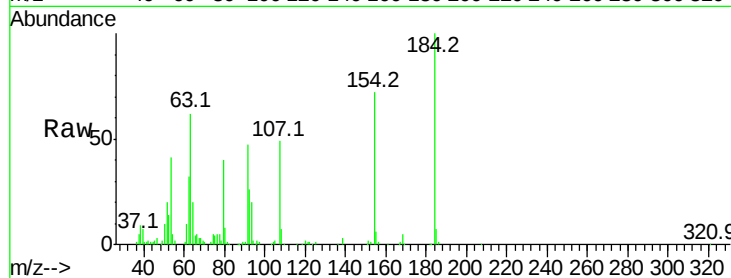
Tot Ion:184 Resp: 92355

Ion Ratio Lower Upper

184 100

63 61.5 59.8 89.8

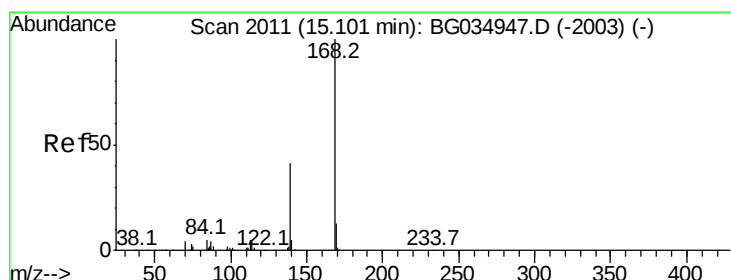
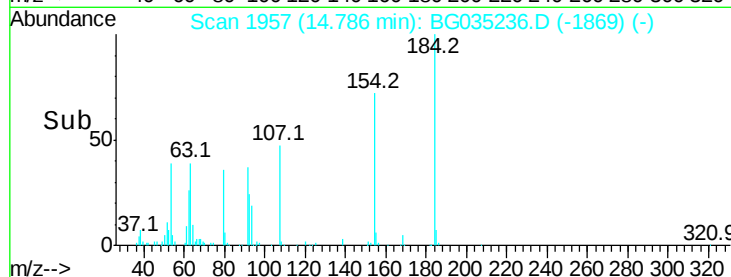
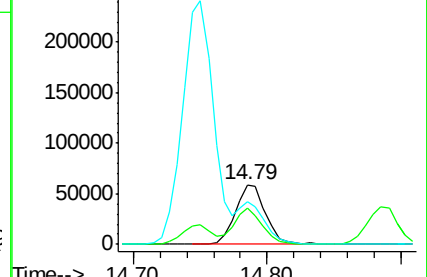
154 71.8 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 51.132 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

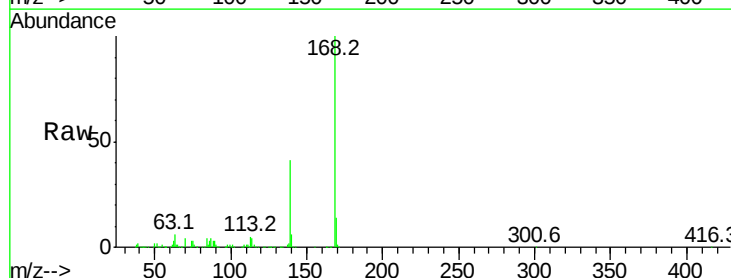
Tgt Ion:168 Resp: 626163

Ion Ratio Lower Upper

168 100

139 41.0 28.6 43.0

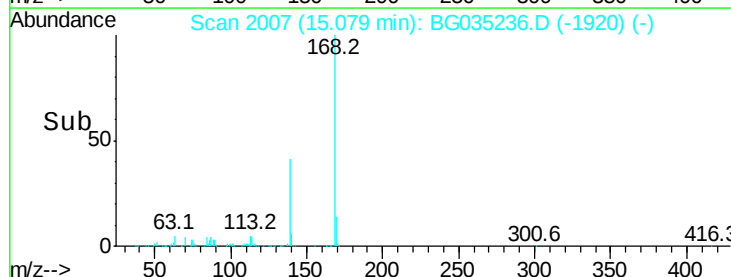
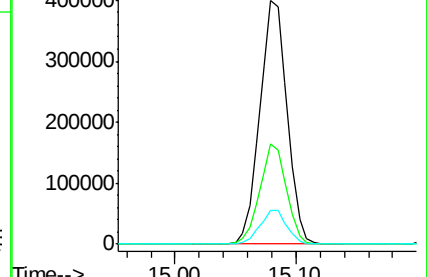
169 14.1 11.2 16.8

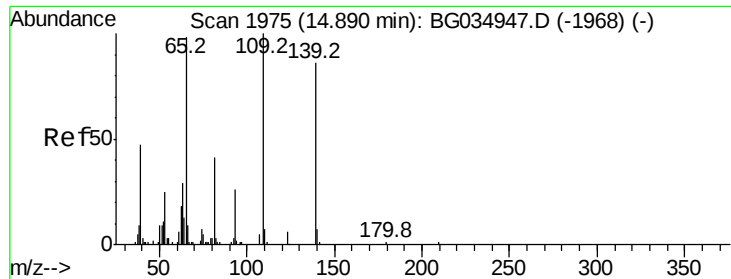


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 108.030 ng

RT: 14.89 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

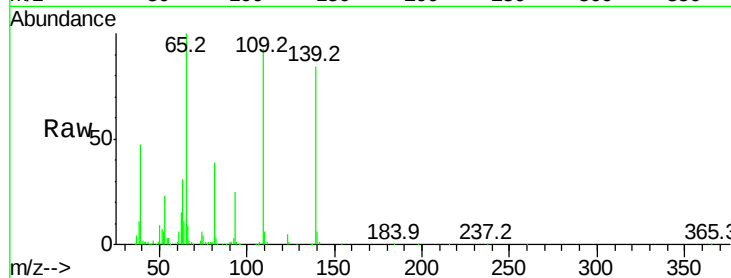
Tot Ion:139 Resp: 174723

Ion Ratio Lower Upper

139 100

109 110.3 62.2 102.2#

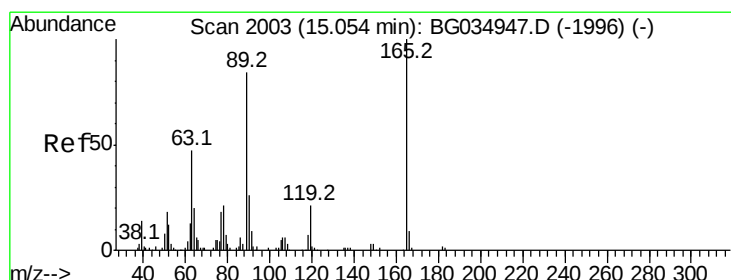
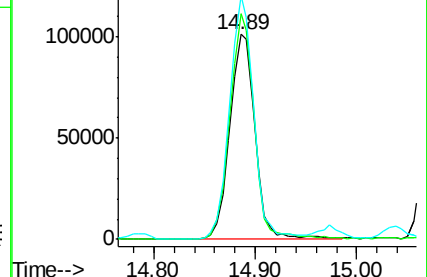
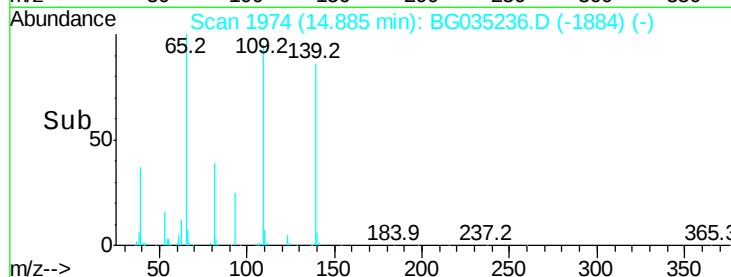
65 118.7 97.2 137.2



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: 71.833 ng

RT: 15.04 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Tgt Ion:165 Resp: 186357

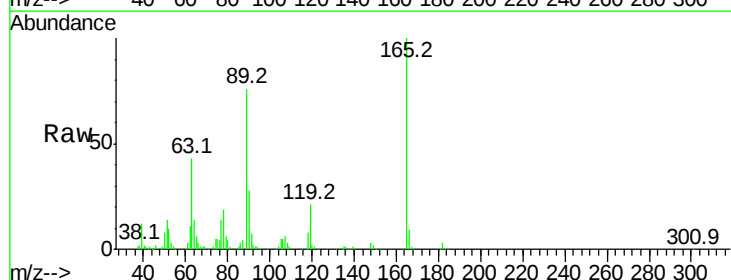
Ion Ratio Lower Upper

165 100

63 42.8 42.0 63.0

89 75.7 66.9 100.3

182 3.2 2.6 3.8

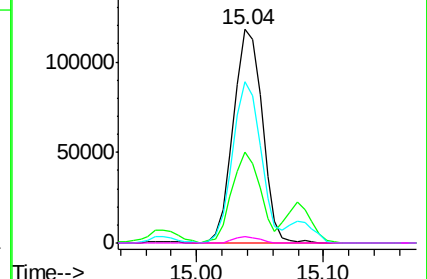
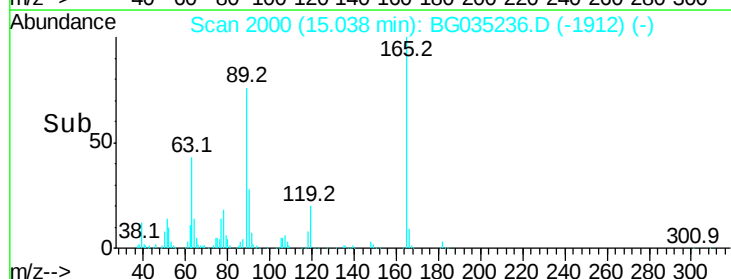


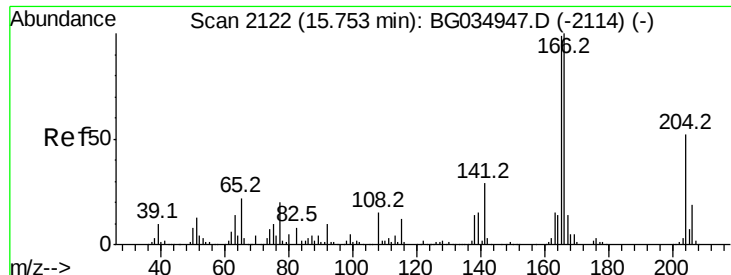
Abundance Ion 165.00 (164.70 to 165.70): E

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

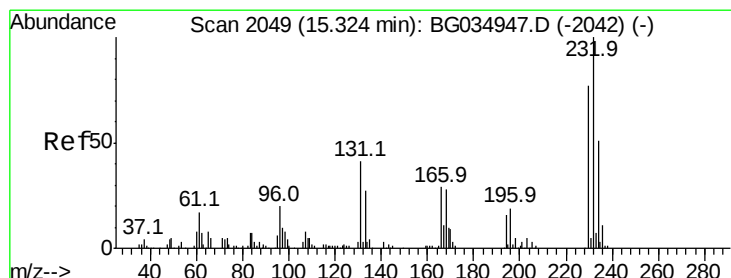
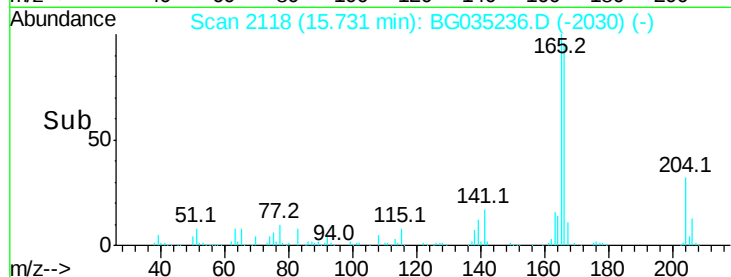
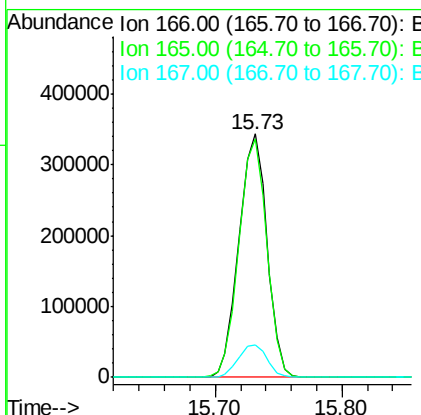
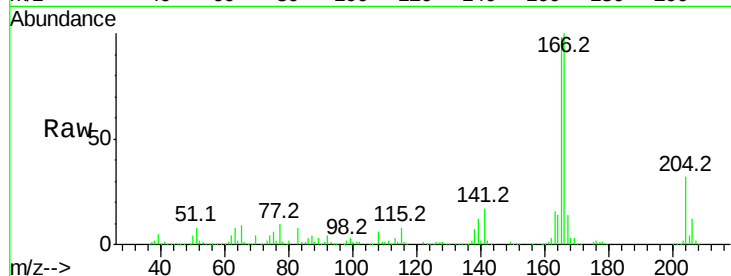




#57
Fluorene
 Concen: 51.602 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG035236.D
 Acq: 19 Jun 2018 3:37

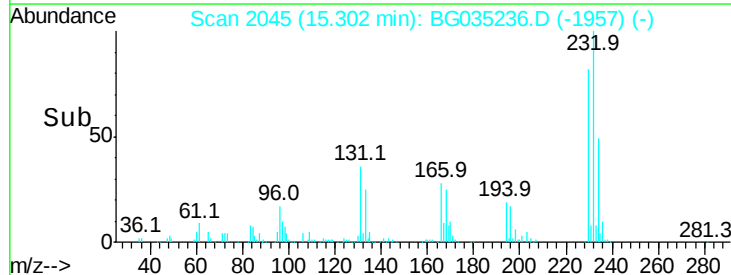
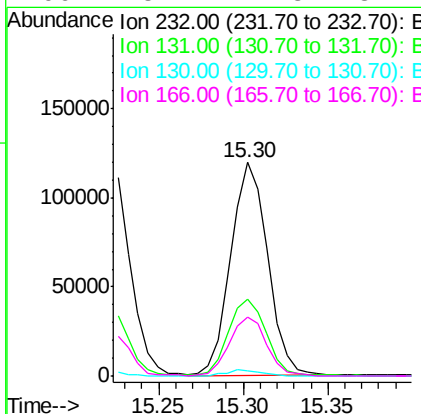
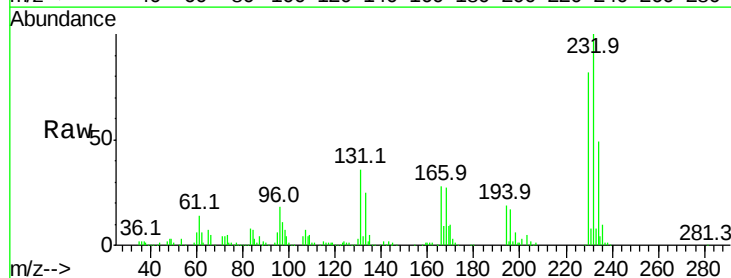
Instrument :
 BNA_G
 ClientSampleId :

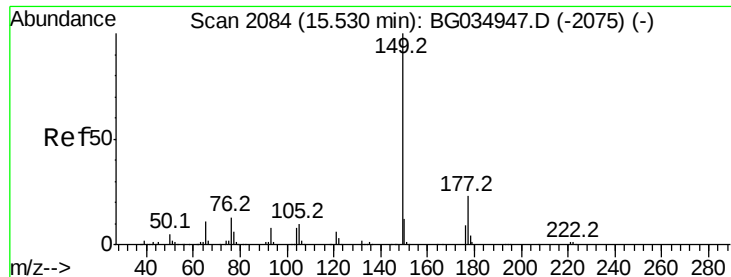
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.6	121.0
167	13.5	10.4	15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 62.235 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BG035236.D
 Acq: 19 Jun 2018 3:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.9	33.5	50.3
130	2.6	2.2	3.2
166	28.2	24.8	37.2

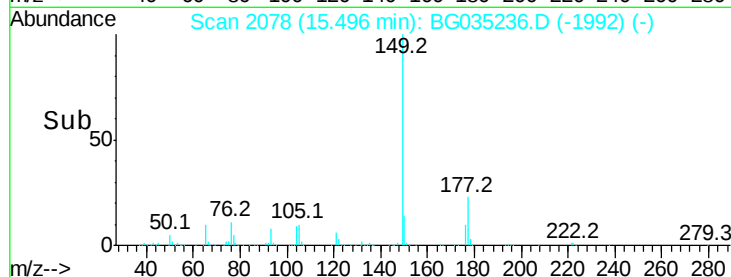
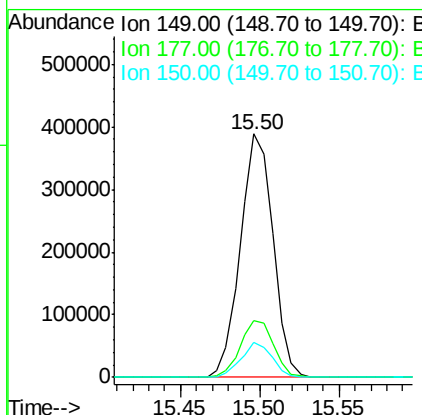
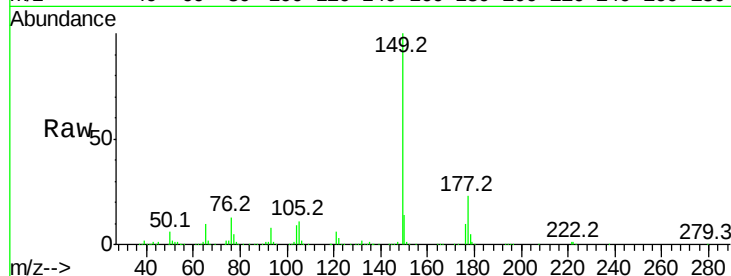




#59
Diethylphthalate
Concen: 50.795 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

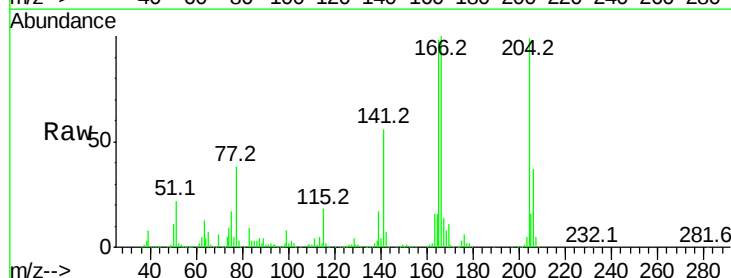
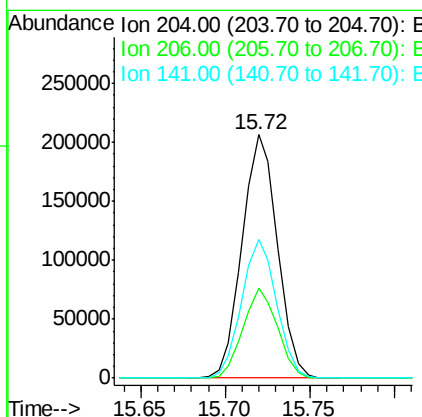
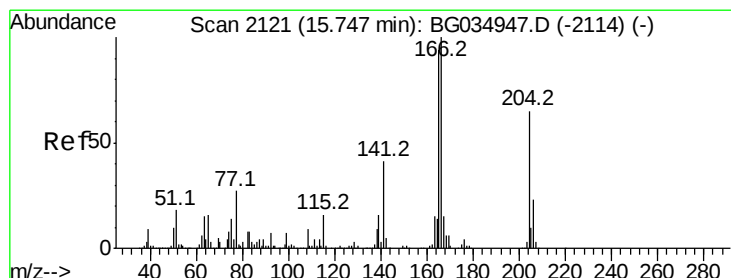
Instrument :
BNA_G
ClientSampled :

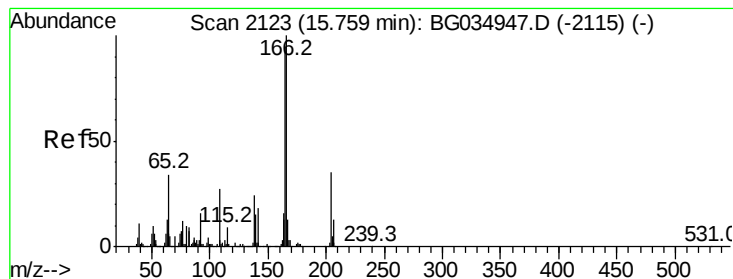
Tot Ion:149 Resp: 554778
Ion Ratio Lower Upper
149 100
177 23.2 18.5 27.7
150 14.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 51.314 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion:204 Resp: 299462
Ion Ratio Lower Upper
204 100
206 36.9 26.2 39.2
141 57.0 45.8 68.6





#61

4-Nitroaniline

Concen: 62.702 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampled :

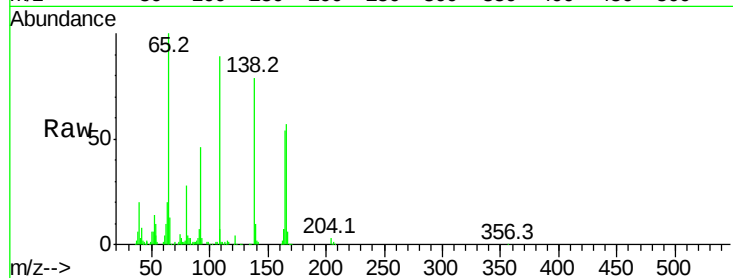
Tot Ion:138 Resp: 128865

Ion Ratio Lower Upper

138 100

92 57.6 40.1 80.1

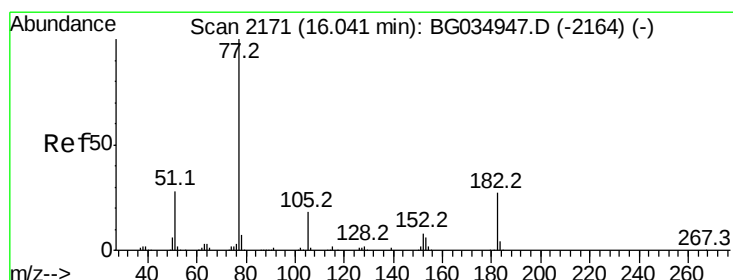
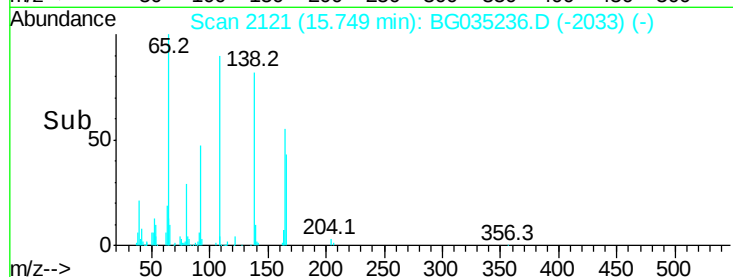
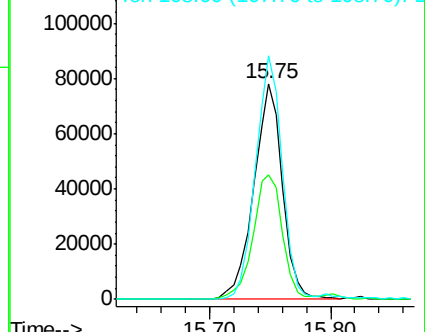
108 112.9 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.049 ng

RT: 16.01 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Tgt Ion: 77 Resp: 546369

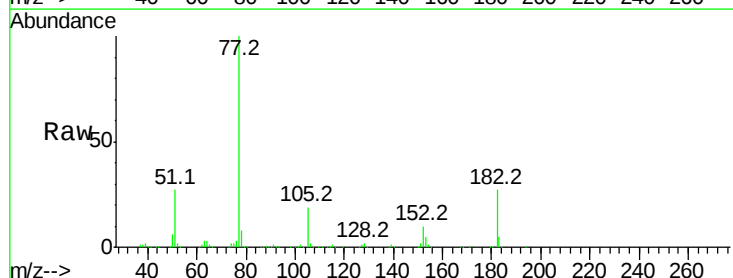
Ion Ratio Lower Upper

77 100

182 27.2 7.4 47.4

105 19.5 0.3 40.3

51 27.0 11.6 51.6

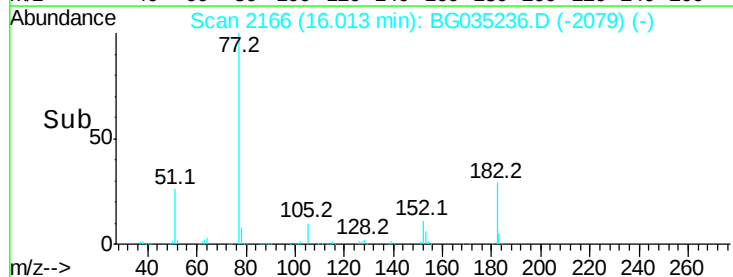
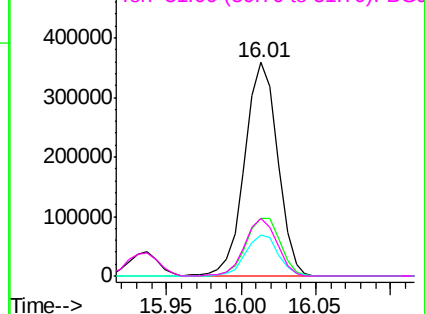


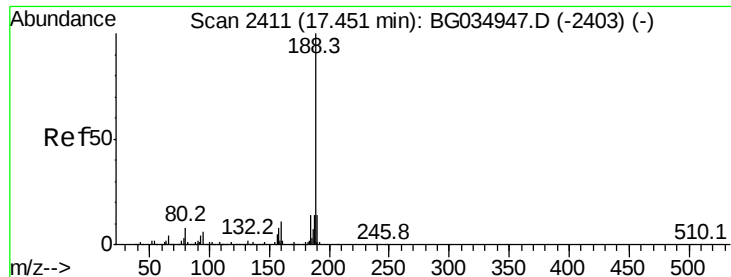
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

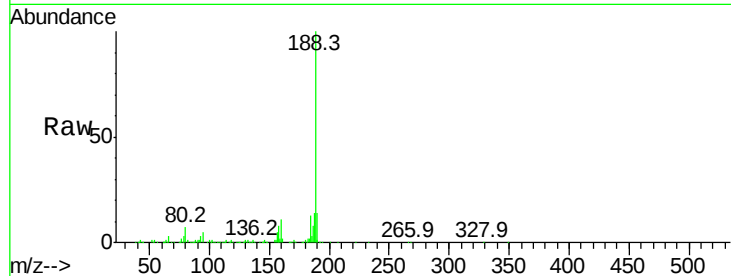
Tot Ion:188 Resp: 331387

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

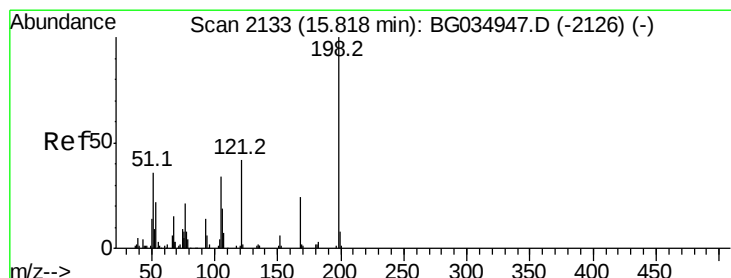
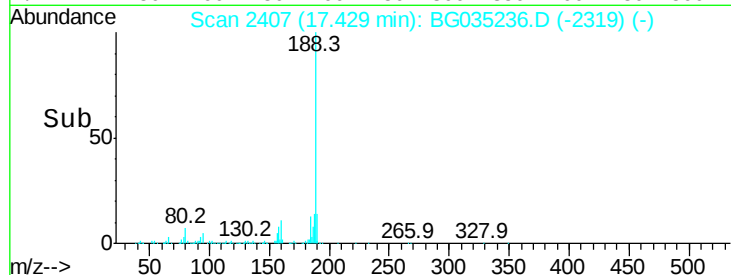
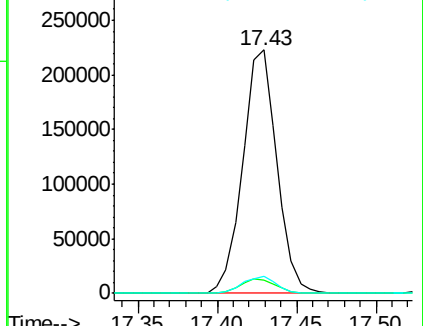
80 7.1 7.7 11.5#



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: 55.141 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

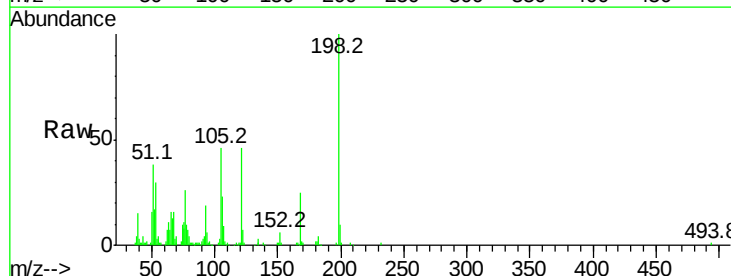
Tgt Ion:198 Resp: 83429

Ion Ratio Lower Upper

198 100

51 37.6 30.6 70.6

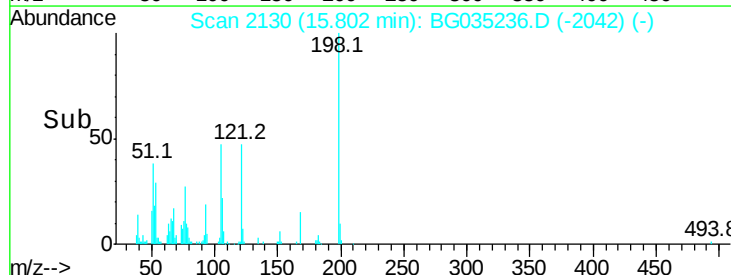
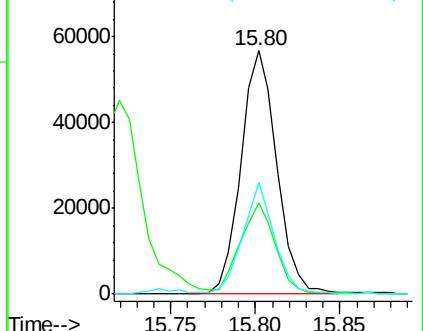
105 46.1 23.8 63.8

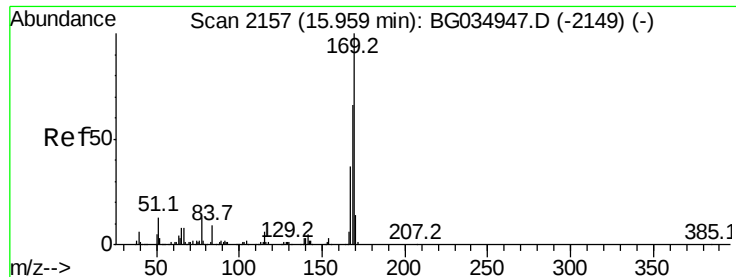


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.080 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

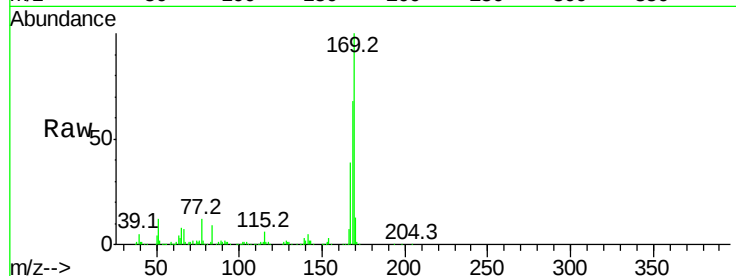
Tot Ion:169 Resp: 478484

Ion Ratio Lower Upper

169 100

168 67.5 55.7 83.5

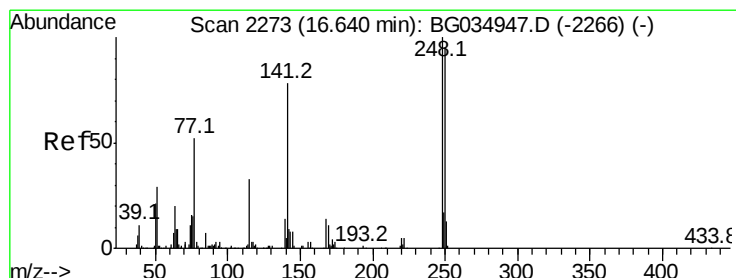
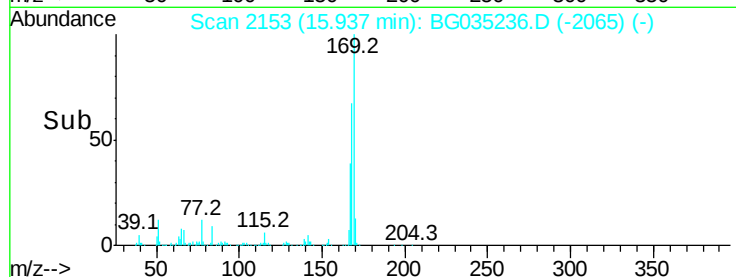
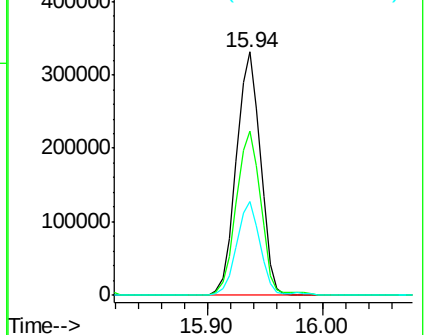
167 38.6 30.1 45.1



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: 52.882 ng

RT: 16.61 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

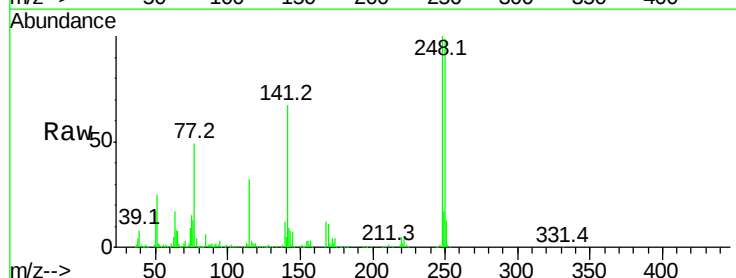
Tgt Ion:248 Resp: 211038

Ion Ratio Lower Upper

248 100

250 99.4 77.1 115.7

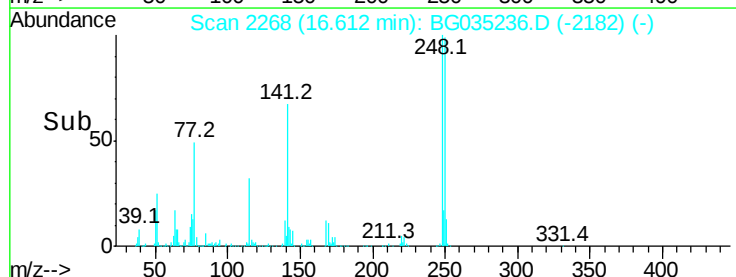
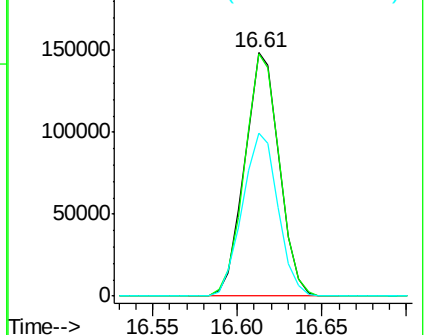
141 67.2 50.8 76.2

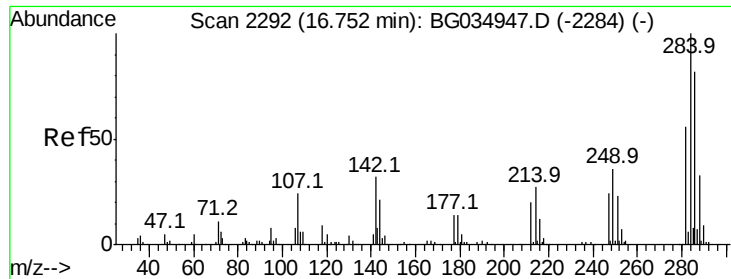


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

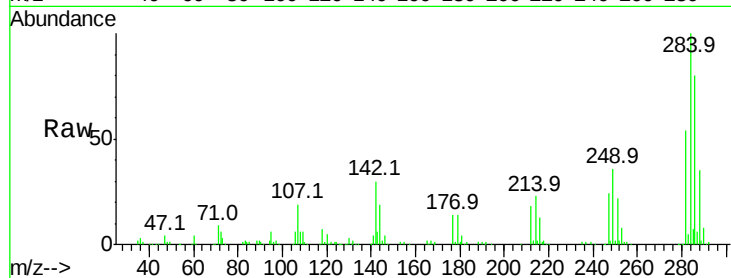




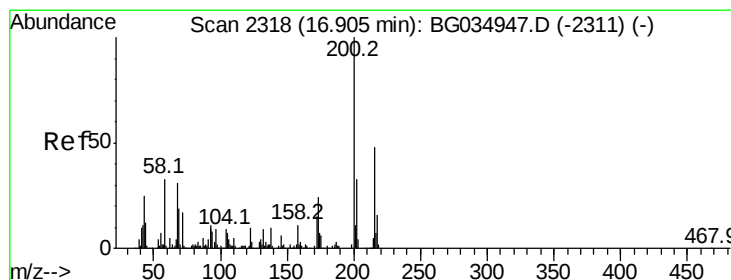
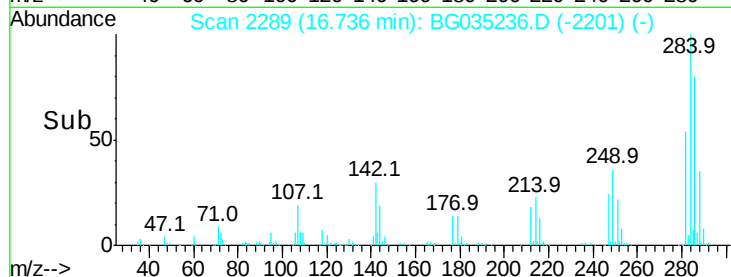
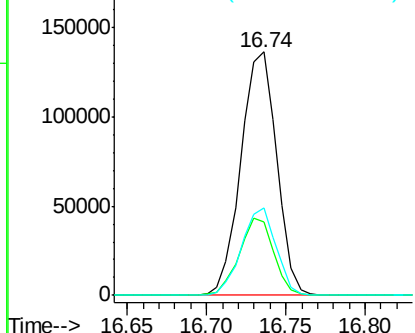
#67
Hexachlorobenzene
Concen: 52.712 ng
RT: 16.74 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.4	26.8	40.2
249	35.8	26.3	39.5

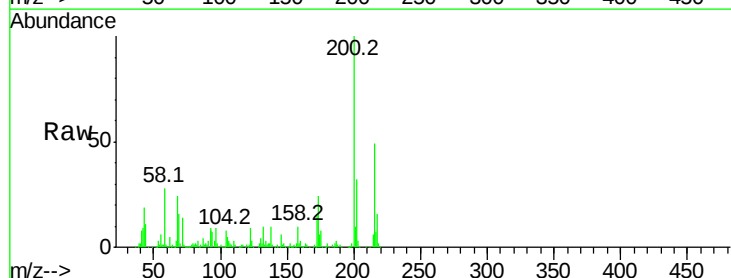


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

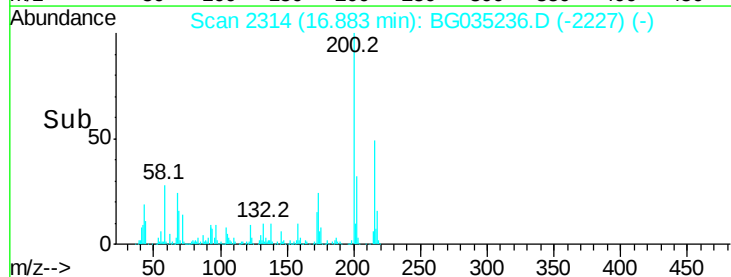
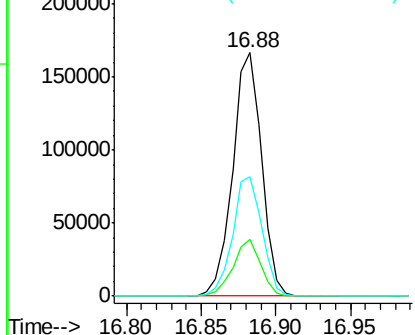


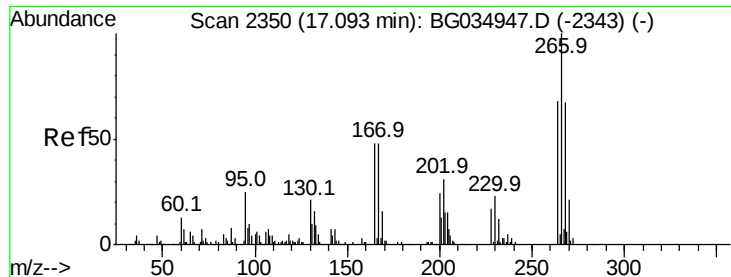
#68
Atrazine
Concen: 53.031 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.5	5.2	45.2
215	49.3	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: 89.728 ng

RT: 17.08 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

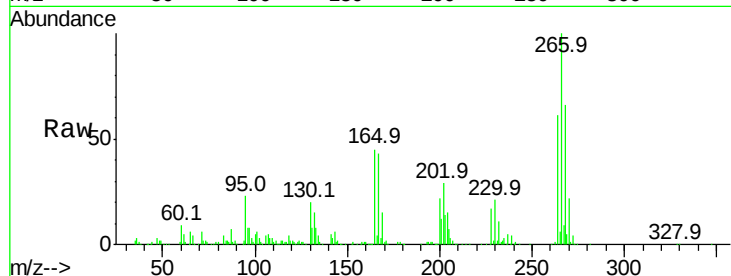
Tot Ion:266 Resp: 245077

Ion Ratio Lower Upper

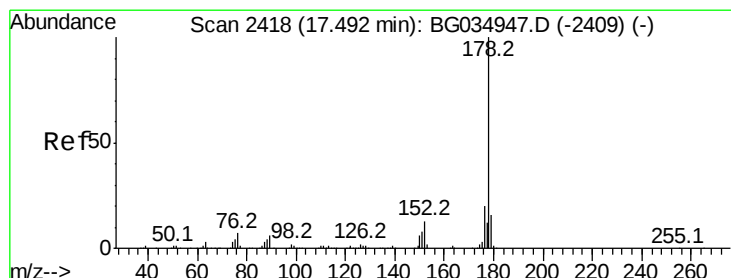
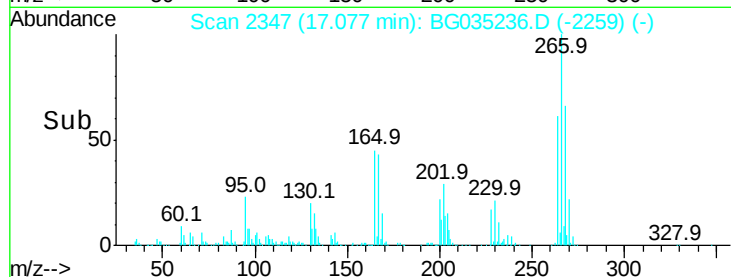
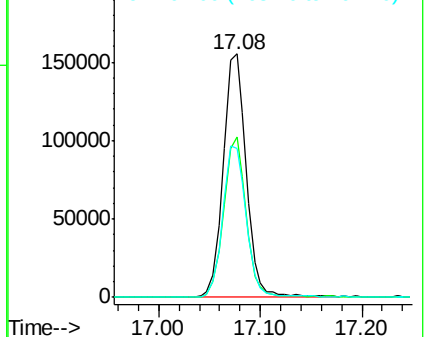
266 100

268 65.8 51.1 76.7

264 61.4 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: 52.284 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

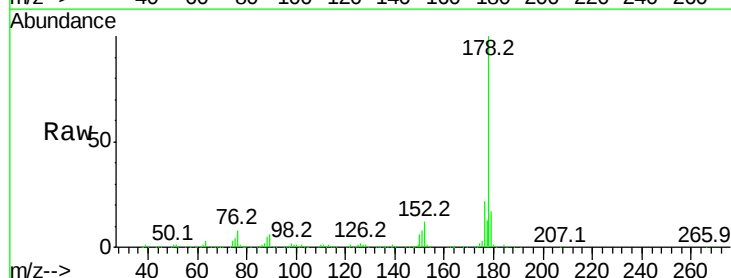
Tgt Ion:178 Resp: 880131

Ion Ratio Lower Upper

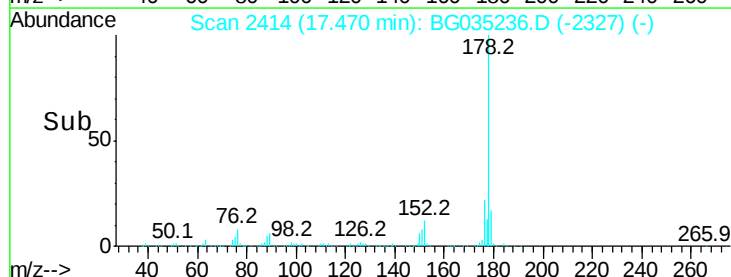
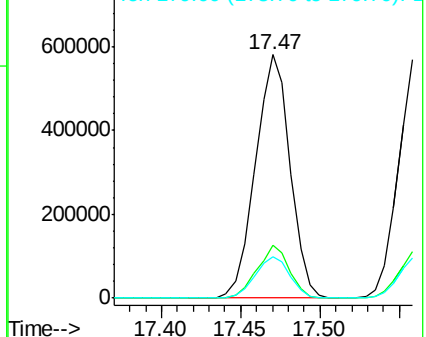
178 100

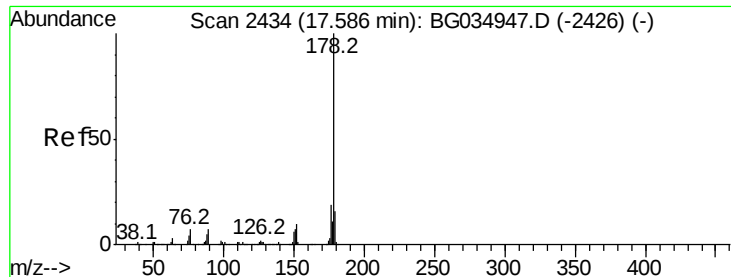
176 21.6 15.7 23.5

179 17.2 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

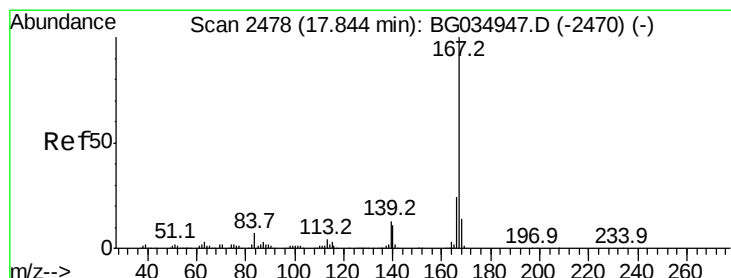
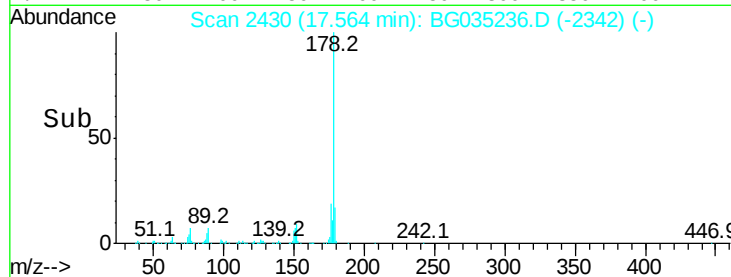
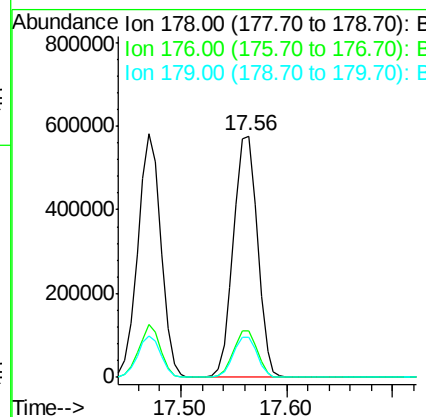
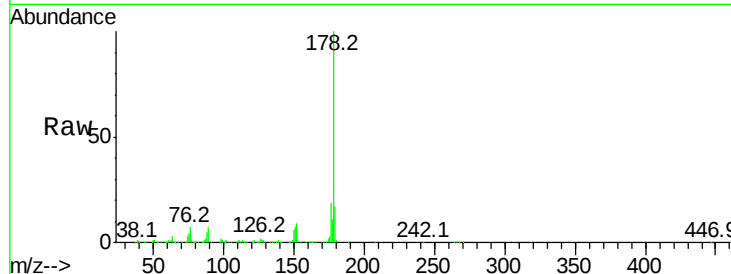




#71
 Anthracene
 Concen: 53.643 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG035236.D
 Acq: 19 Jun 2018 3:37

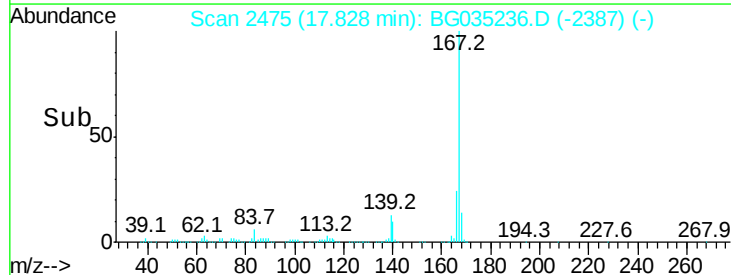
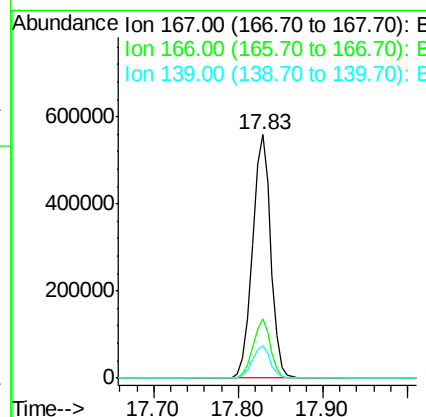
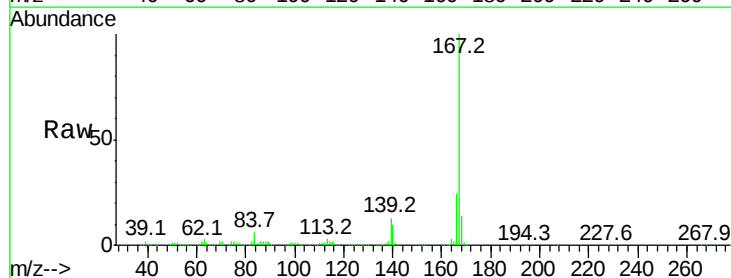
Instrument :
 BNA_G
 ClientSampleId :

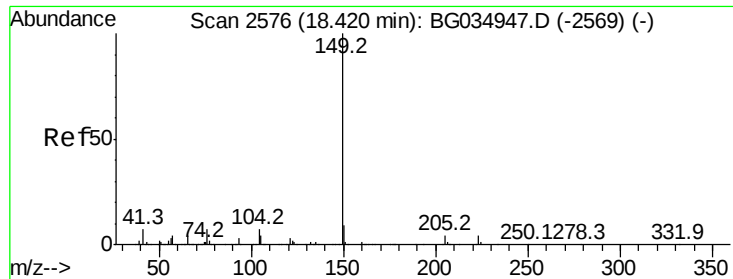
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.6	12.5	18.7



#72
 Carbazole
 Concen: 53.530 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG035236.D
 Acq: 19 Jun 2018 3:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.2	27.4
139	13.1	9.4	14.2

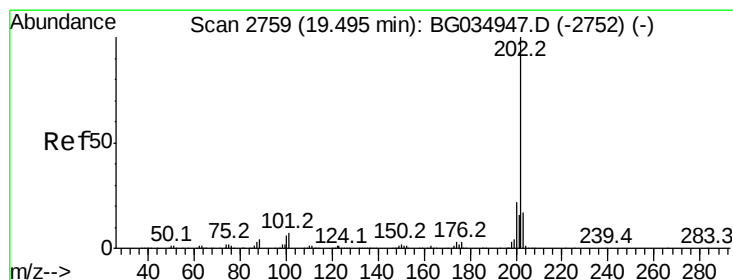
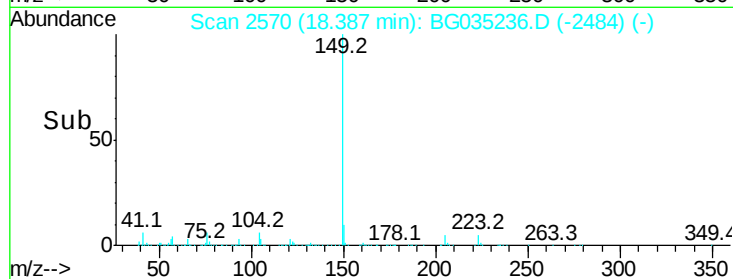
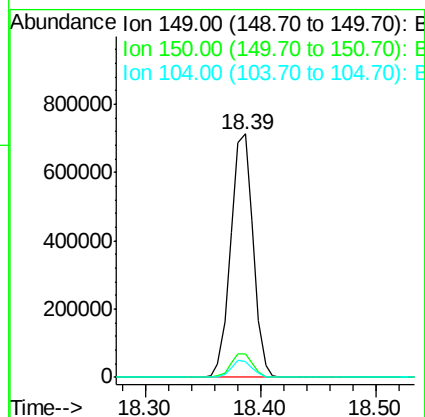
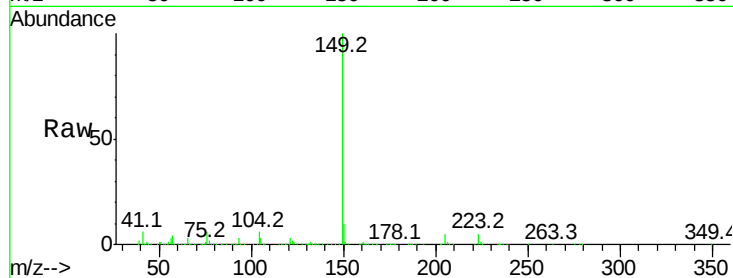




#73
Di-n-butylphthalate
Concen: 51.016 ng
RT: 18.39 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

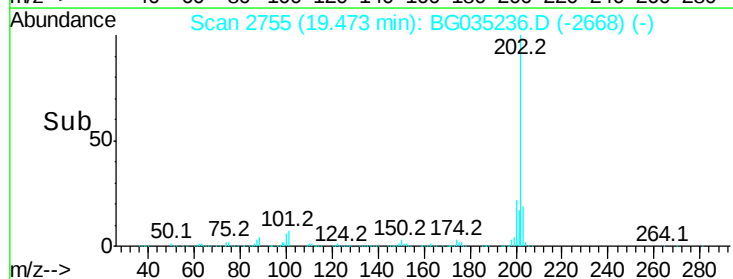
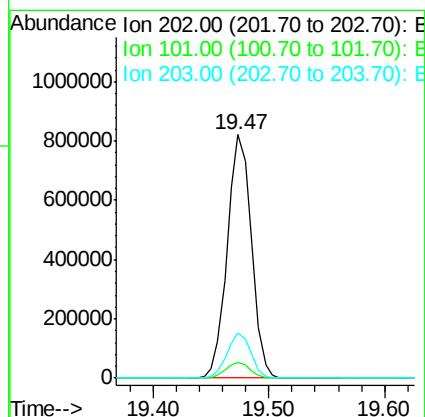
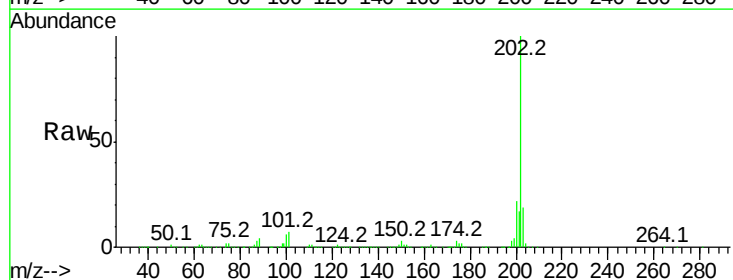
Instrument :
BNA_G
ClientSampled :

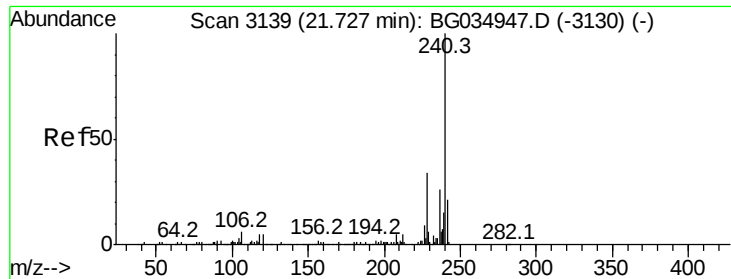
Tot Ion:149 Resp: 951329
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 6.3 3.9 5.9#



#74
Fluoranthene
Concen: 54.219 ng
RT: 19.47 min Scan# 2755
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion:202 Resp: 1187672
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.9
203 18.6 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

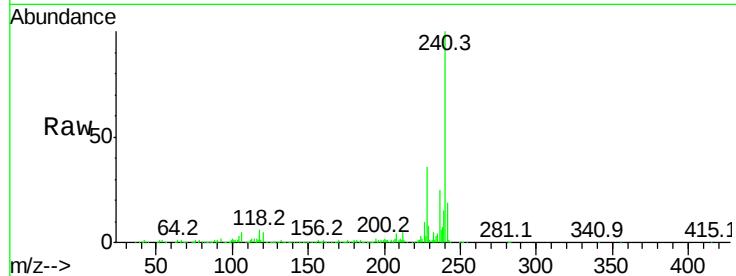
Tot Ion:240 Resp: 385757

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

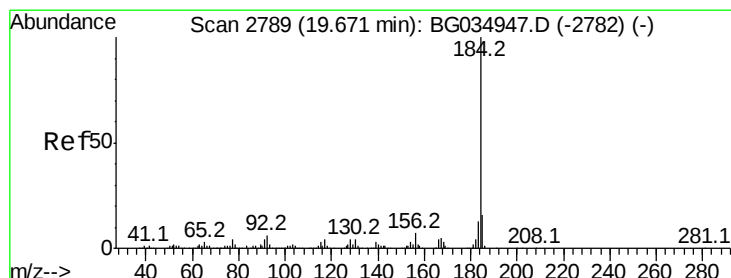
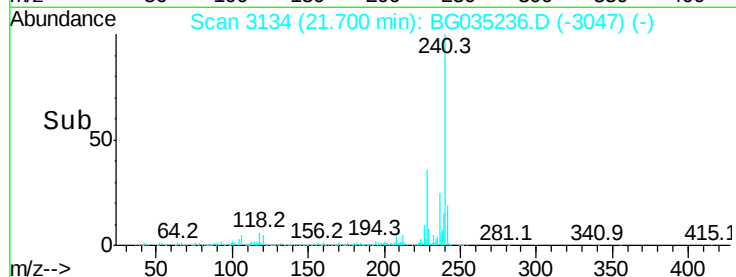
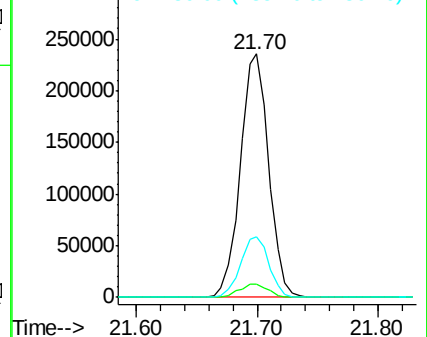
236 24.7 20.9 31.3



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: 20.186 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

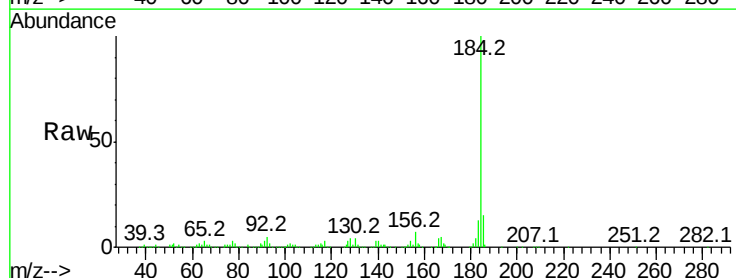
Tgt Ion:184 Resp: 289697

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

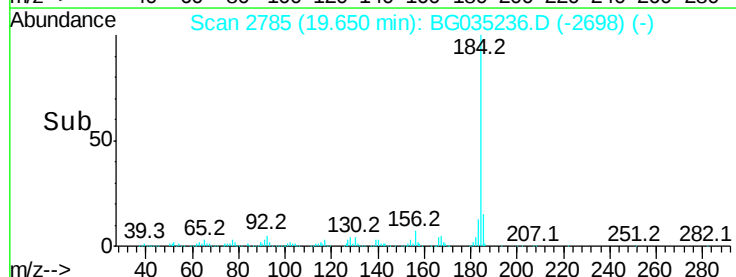
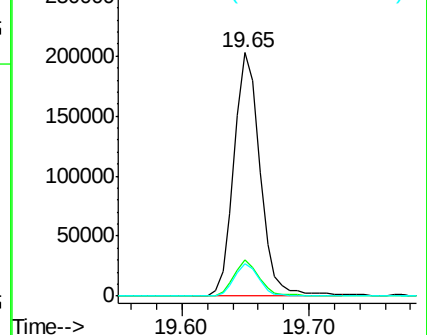
183 13.1 10.6 16.0

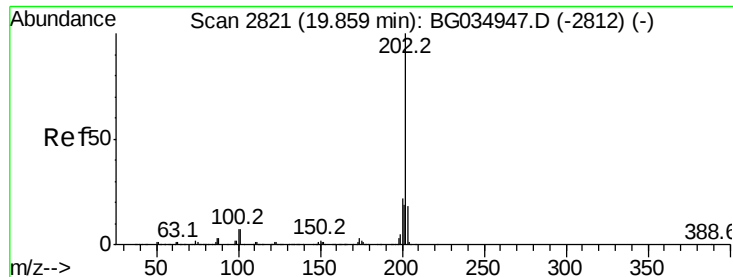


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.780 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampled :

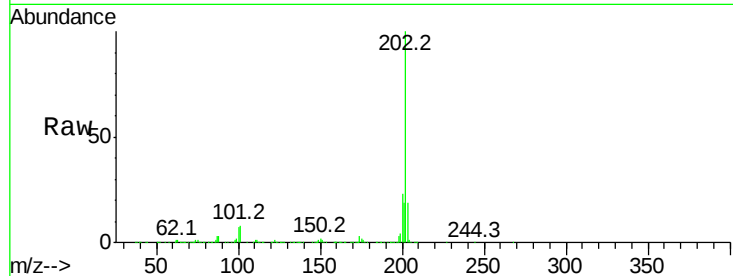
Tot Ion:202 Resp: 1189652

Ion Ratio Lower Upper

202 100

200 22.7 16.9 25.3

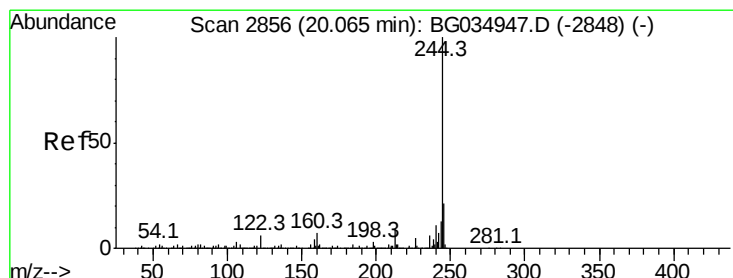
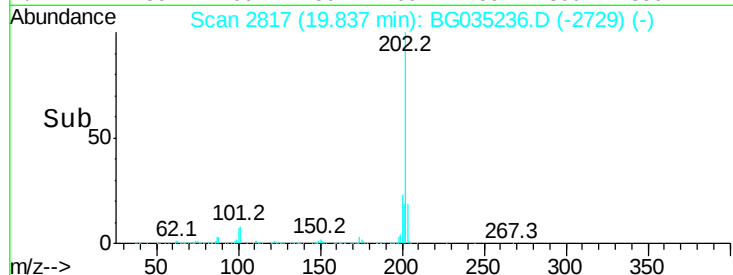
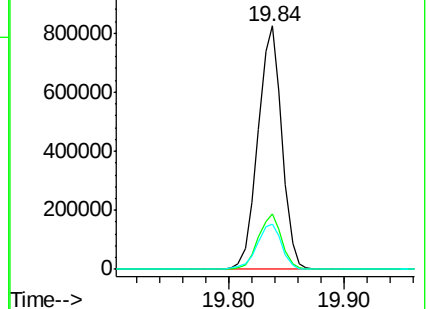
203 18.6 13.9 20.9



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: 109.860 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

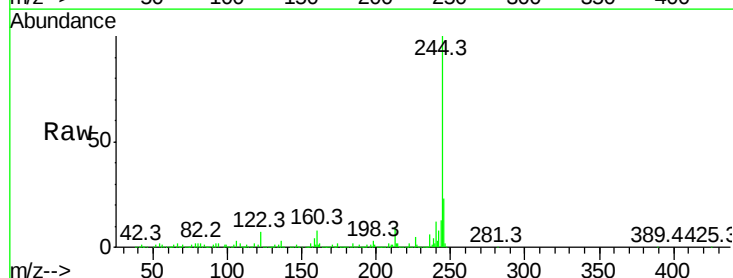
Tgt Ion:244 Resp: 2023187

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

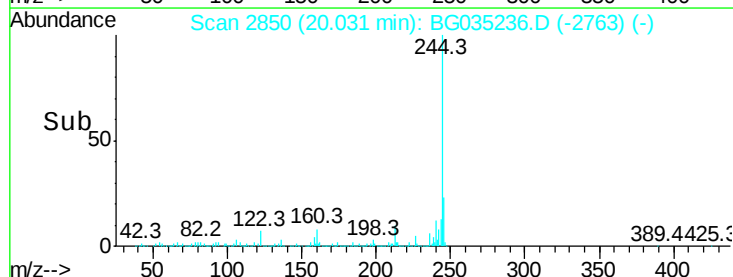
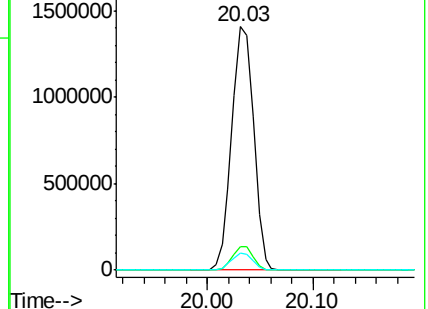
122 7.2 7.0 10.4

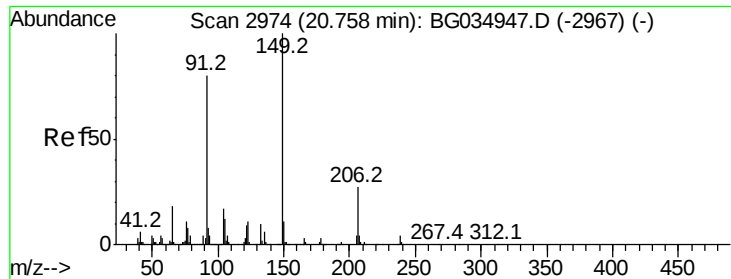


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

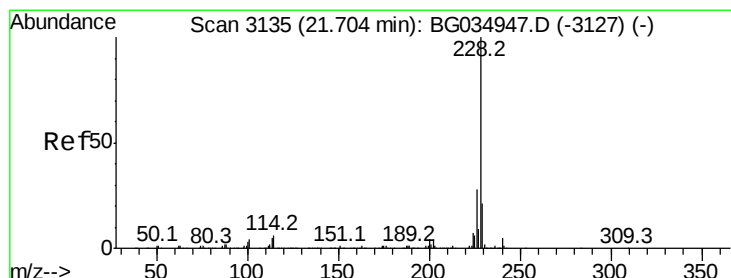
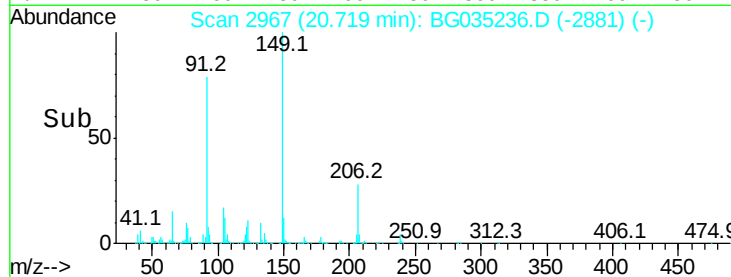
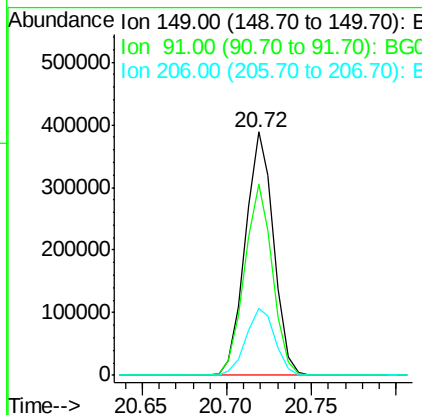
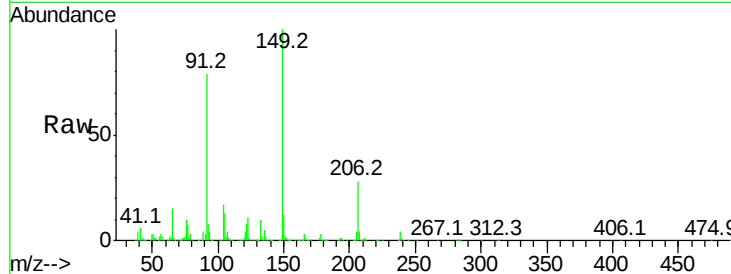




#79
Butylbenzylphthalate
Concen: 49.178 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

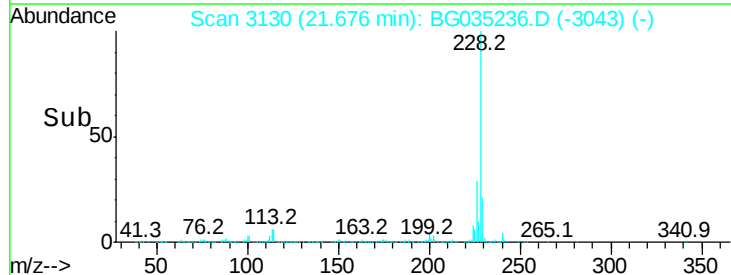
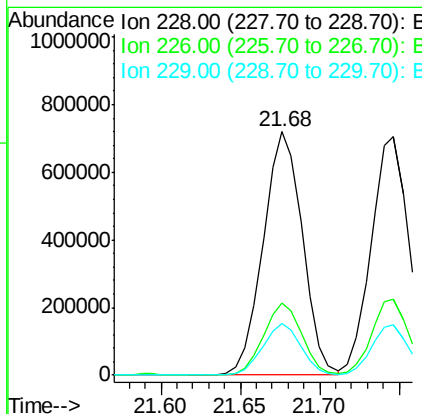
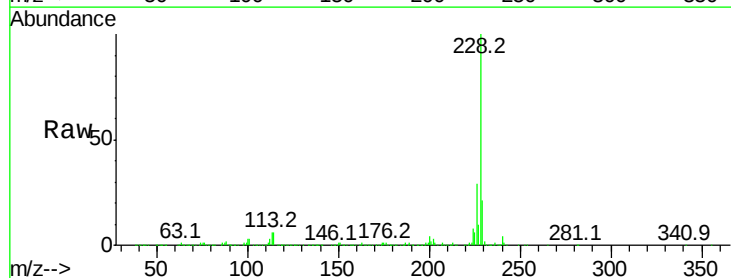
Instrument :
BNA_G
ClientSampled :

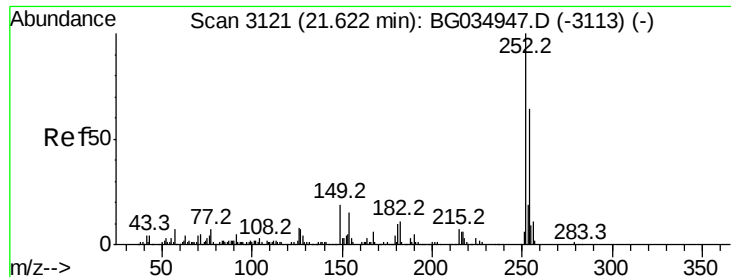
Tot Ion:149 Resp: 454127
Ion Ratio Lower Upper
149 100
91 78.7 62.2 93.2
206 27.5 18.6 27.8



#80
Benzo(a)anthracene
Concen: 50.322 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion:228 Resp: 1240494
Ion Ratio Lower Upper
228 100
226 29.4 22.7 34.1
229 21.4 16.2 24.2

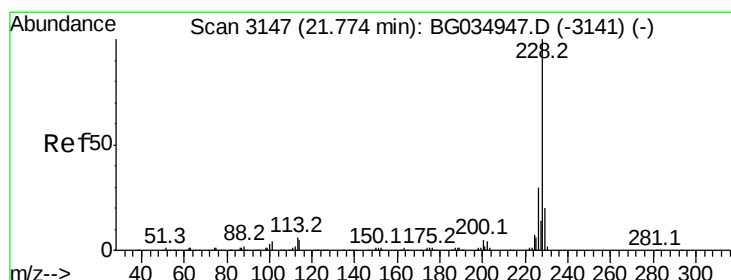
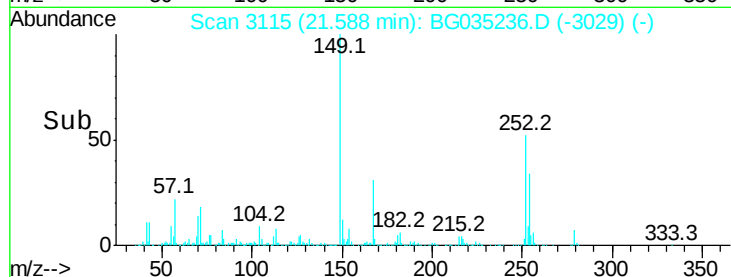
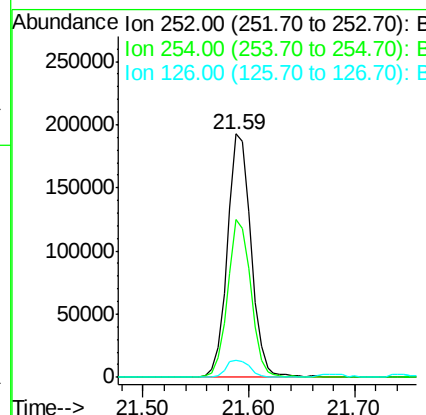
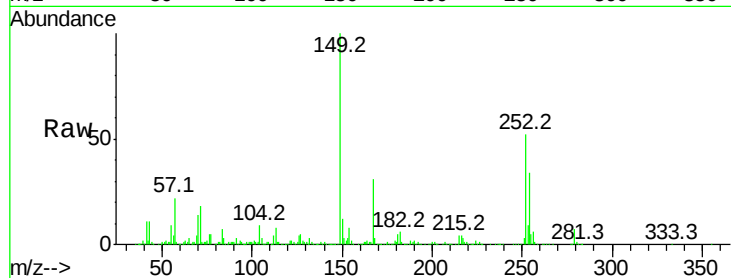




#81
 3,3'-Dichlorobenzidine
 Concen: 32.131 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG035236.D
 Acq: 19 Jun 2018 3:37

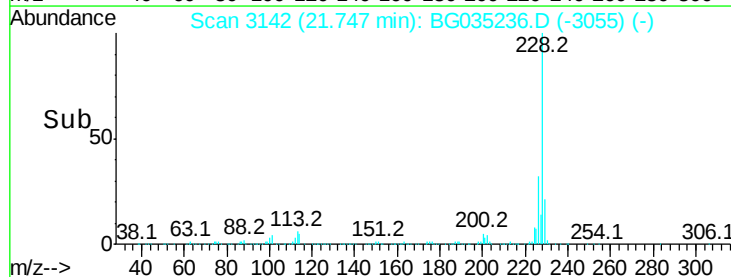
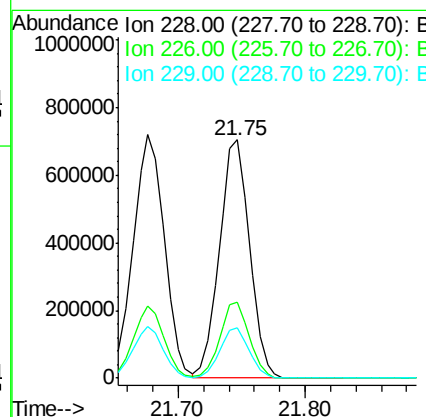
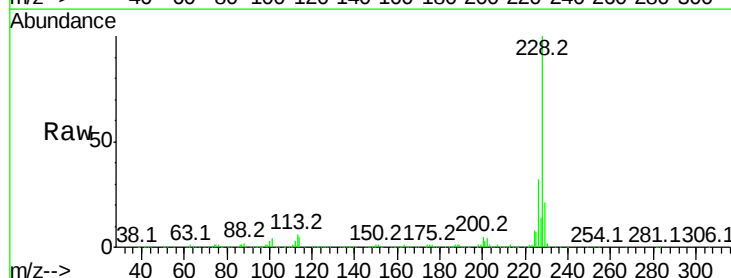
Instrument :
 BNA_G
 ClientSampleId :

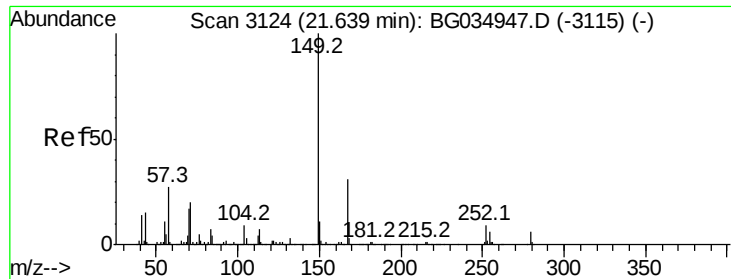
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.8	76.2
126	7.1	7.4	11.2#



#82
 Chrysene
 Concen: 51.547 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BG035236.D
 Acq: 19 Jun 2018 3:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	21.0	15.0	22.4

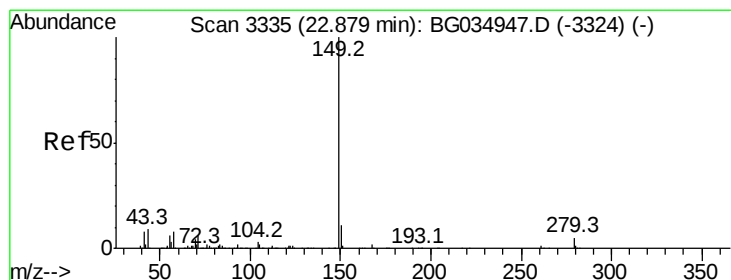
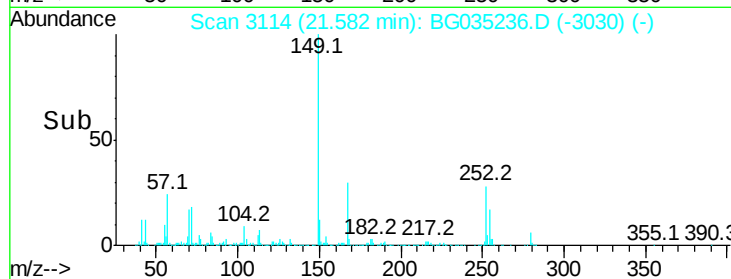
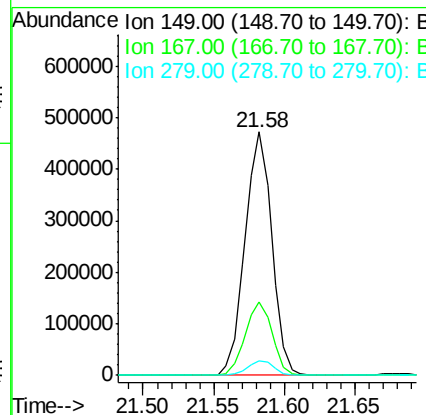
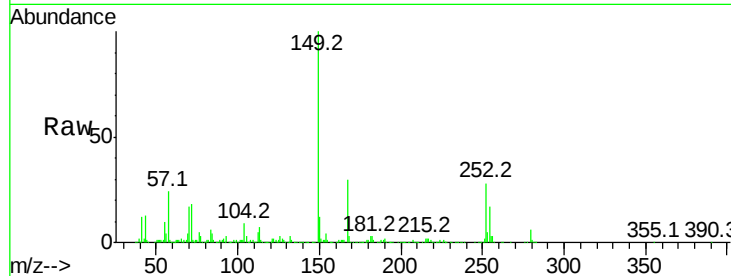




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.124 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG035236.D
 Acq: 19 Jun 2018 3:37

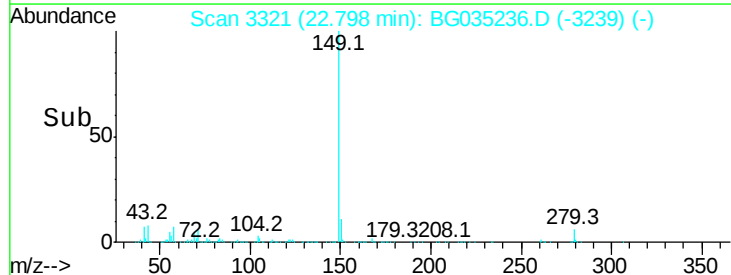
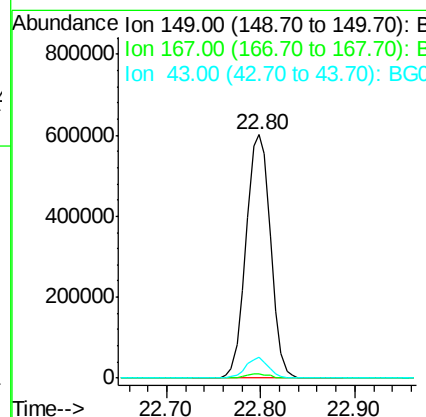
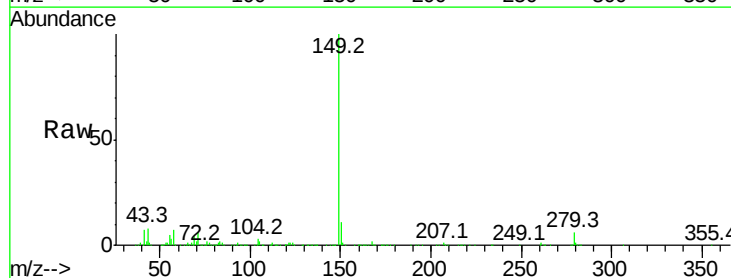
Instrument :
 BNA_G
 ClientSampleId :

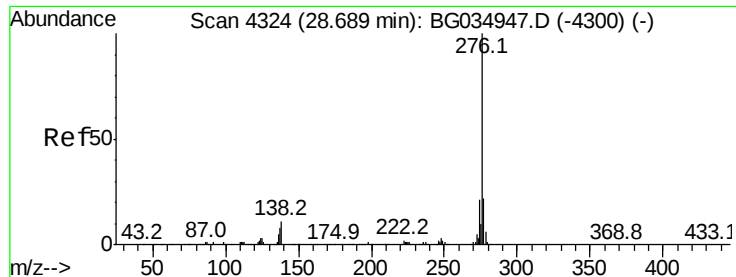
Tot Ion:149 Resp: 627927
 Ion Ratio Lower Upper
 149 100
 167 30.3 24.3 36.5
 279 5.9 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 48.360 ng
 RT: 22.80 min Scan# 3321
 Delta R.T. -0.05 min
 Lab File: BG035236.D
 Acq: 19 Jun 2018 3:37

Tgt Ion:149 Resp: 1082557
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 7.8 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 53.705 ng

RT: 28.60 min Scan# 4309

Delta R.T. -0.05 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

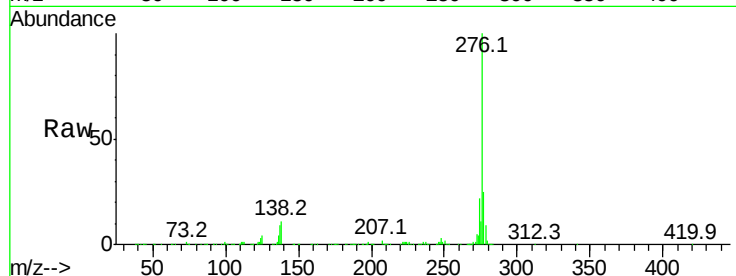
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1419607

Ion	Ratio	Lower	Upper
276	100		
138	5.4	16.0	24.0#
277	26.4	20.0	30.0

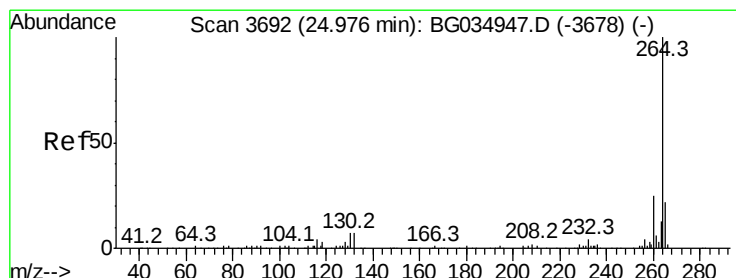
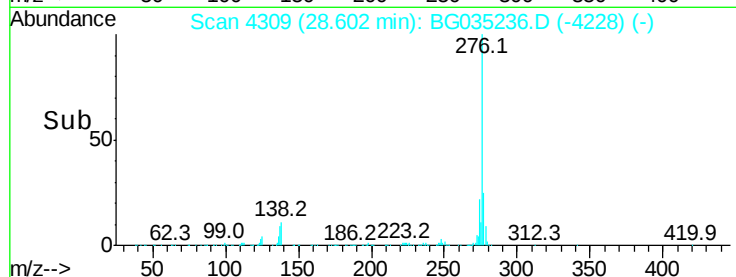
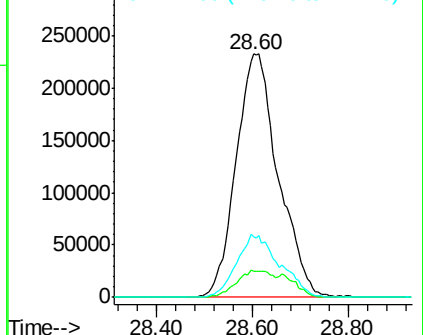


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3683

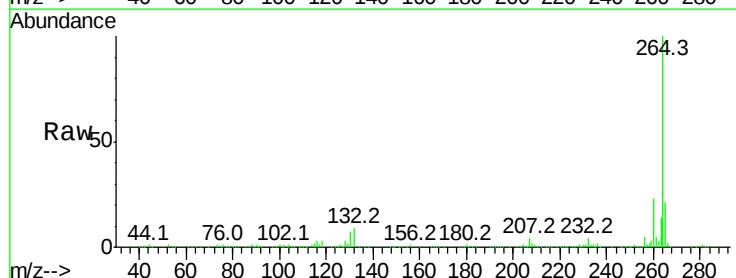
Delta R.T. -0.03 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Tgt Ion:264 Resp: 379361

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.2	17.7	26.5

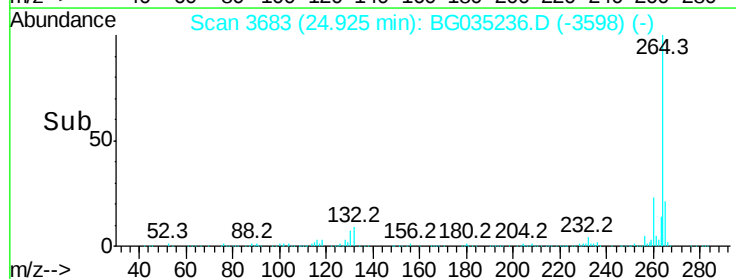
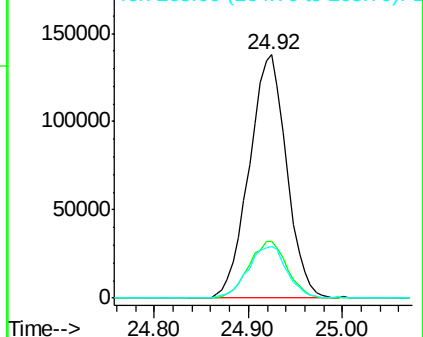


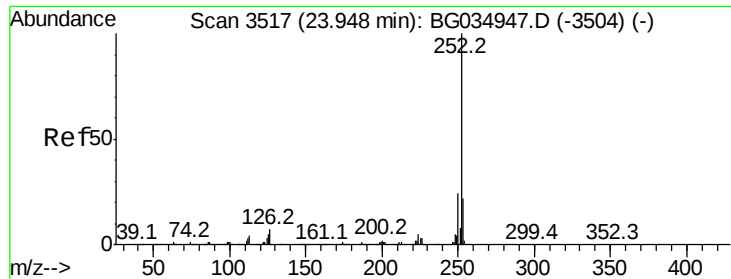
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

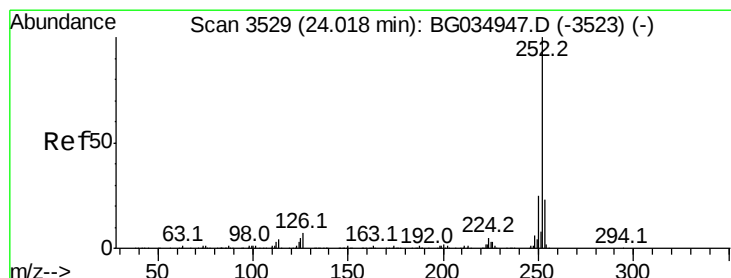
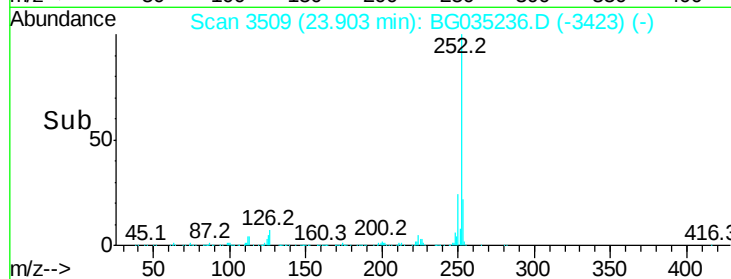
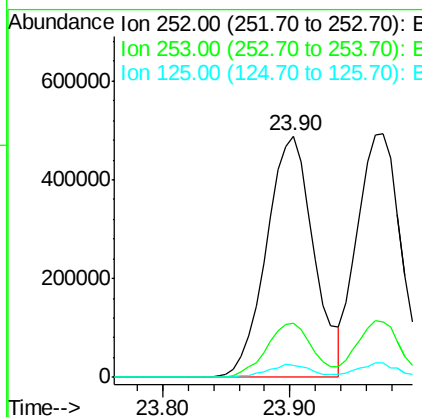
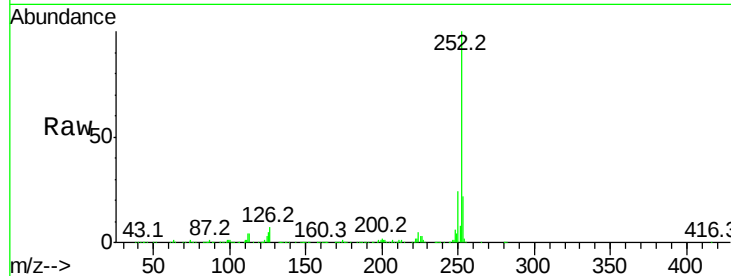




#87
Benzo(b)fluoranthene
Concen: 54.311 ng
RT: 23.90 min Scan# 3509
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

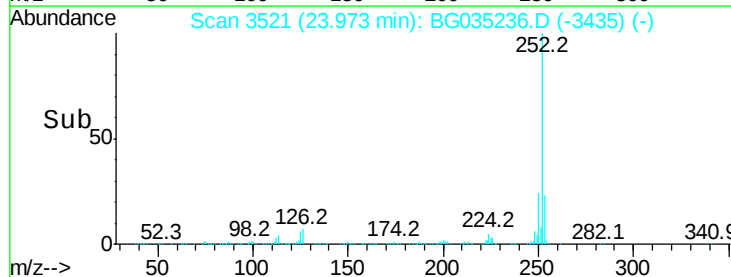
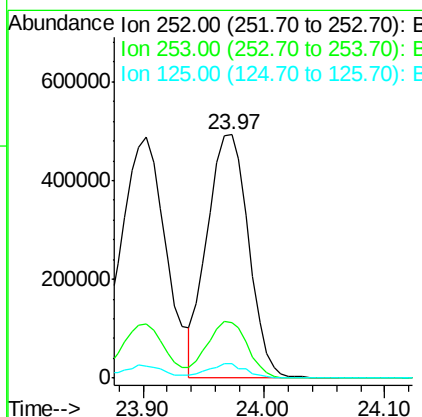
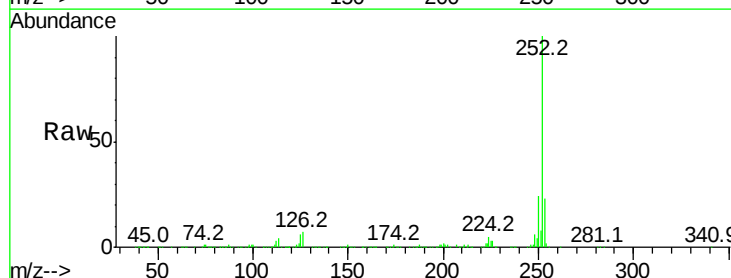
Instrument :
BNA_G
ClientSampleId :

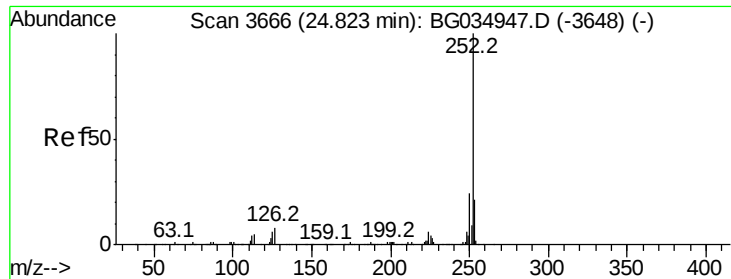
Tot Ion:252 Resp: 1268816
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 5.2 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 51.030 ng
RT: 23.97 min Scan# 3521
Delta R.T. -0.02 min
Lab File: BG035236.D
Acq: 19 Jun 2018 3:37

Tgt Ion:252 Resp: 1166178
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 5.9 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 54.887 ng

RT: 24.78 min Scan# 3658

Delta R.T. -0.03 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampled :

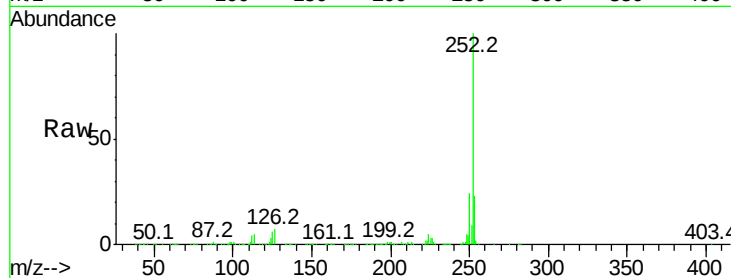
Tot Ion:252 Resp: 1206573

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

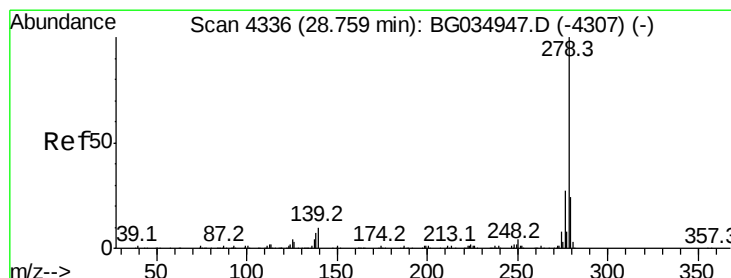
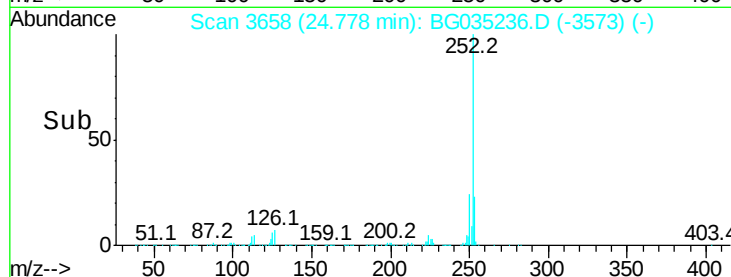
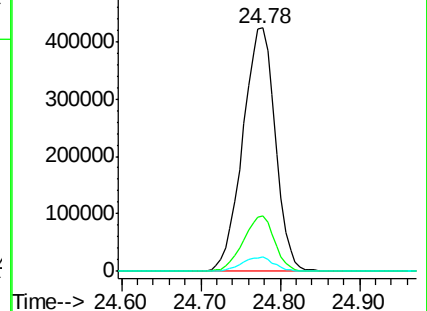
125 5.8 7.3 10.9#



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: 52.951 ng

RT: 28.68 min Scan# 4322

Delta R.T. -0.05 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

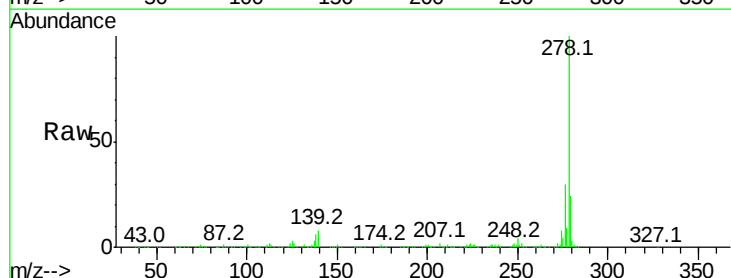
Tgt Ion:278 Resp: 1149076

Ion Ratio Lower Upper

278 100

139 7.7 9.8 14.6#

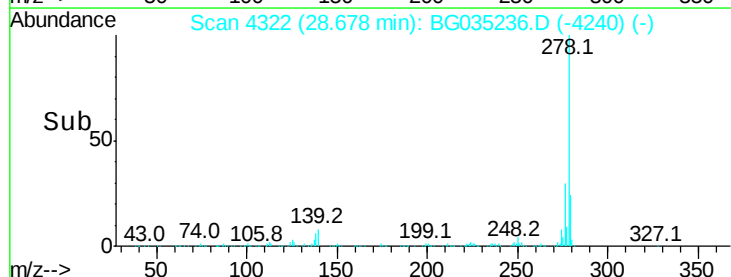
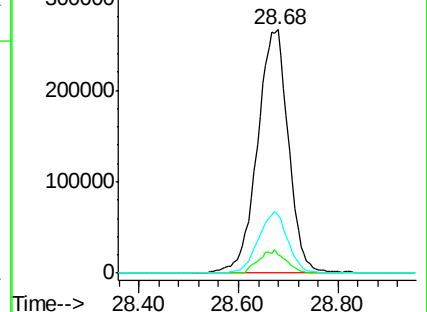
279 23.7 18.4 27.6

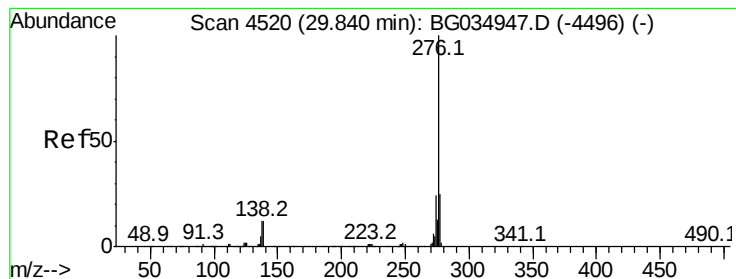


Abundance Ion 278.00 (277.70 to 278.70): E

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: 55.070 ng

RT: 29.75 min Scan# 4505

Delta R.T. -0.05 min

Lab File: BG035236.D

Acq: 19 Jun 2018 3:37

Instrument :

BNA_G

ClientSampleId :

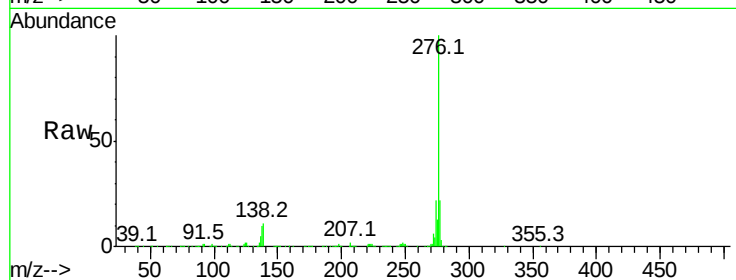
Tot Ion:276 Resp: 1169555

Ion Ratio Lower Upper

276 100

277 21.6 18.3 27.5

138 10.8 13.9 20.9#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

