

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035237.D
 Acq On : 19 Jun 2018 4:16
 Operator : SJ/JU
 Sample : J3240-04MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 07:20:20 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	49146	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	168161	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	119147	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	321457	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	370079	20.00	ng	-0.02
86) Perylene-d12	24.91	264	366024	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	366984	126.02	ng	0.00
7) Phenol-d6	7.22	99	467946	108.87	ng	0.00
23) Nitrobenzene-d5	9.22	82	380320	107.51	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	281859	184.80	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	845584	92.26	ng	-0.02
78) Terphenyl-d14	20.03	244	1698119	96.11	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	53171	38.268	ng	# 73
3) Pyridine	3.97	79	118698	31.661	ng	# 68
4) n-Nitrosodimethylamine	3.87	42	56141	34.858	ng	# 68
6) Aniline	7.39	93	159134	28.642	ng	95
8) 2-Chlorophenol	7.63	128	135160	44.278	ng	91
9) Benzaldehyde	7.20	77	79810	24.106	ng	96
10) Phenol	7.25	94	160946	36.183	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	143883	41.675	ng	87
12) 1,3-Dichlorobenzene	7.95	146	157678	43.292	ng	94
13) 1,4-Dichlorobenzene	8.10	146	159669	42.467	ng	98
14) 1,2-Dichlorobenzene	8.42	146	155076	43.911	ng	97
15) Benzyl Alcohol	8.30	79	167158	41.043	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	156469	45.535	ng	77
17) 2-Methylphenol	8.49	107	129969	44.318	ng	# 92
18) Hexachloroethane	9.15	117	60315	44.809	ng	91
19) n-Nitroso-di-n-propylamine	8.87	70	131149	35.915	ng	# 87
20) 3+4-Methylphenols	8.82	107	172939	41.142	ng	95
22) Acetophenone	8.88	105	243632	46.770	ng	# 91
24) Nitrobenzene	9.26	77	199884	55.177	ng	93
25) Isophorone	9.79	82	381323	51.053	ng	97
26) 2-Nitrophenol	9.98	139	79665	63.799	ng	89
27) 2,4-Dimethylphenol	10.03	122	140239	53.431	ng	88
28) bis(2-Chloroethoxy)methane	10.27	93	192776	48.028	ng	96
29) 2,4-Dichlorophenol	10.51	162	159293	55.777	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	171431	50.060	ng	99
31) Naphthalene	10.92	128	426415	48.812	ng	98
32) Benzoic acid	10.16	122	97223	55.302	ng	95
33) 4-Chloroaniline	11.02	127	57546	15.171	ng	# 93
34) Hexachlorobutadiene	11.20	225	135016	50.696	ng	98
35) Caprolactam	11.79	113	21156	20.044	ng	# 77
36) 4-Chloro-3-methylphenol	12.13	107	194060	54.511	ng	92
37) 2-Methylnaphthalene	12.51	142	335410	50.642	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	231535	52.171	ng	99
40) Hexachlorocyclopentadiene	12.86	237	300041	107.811	ng	90

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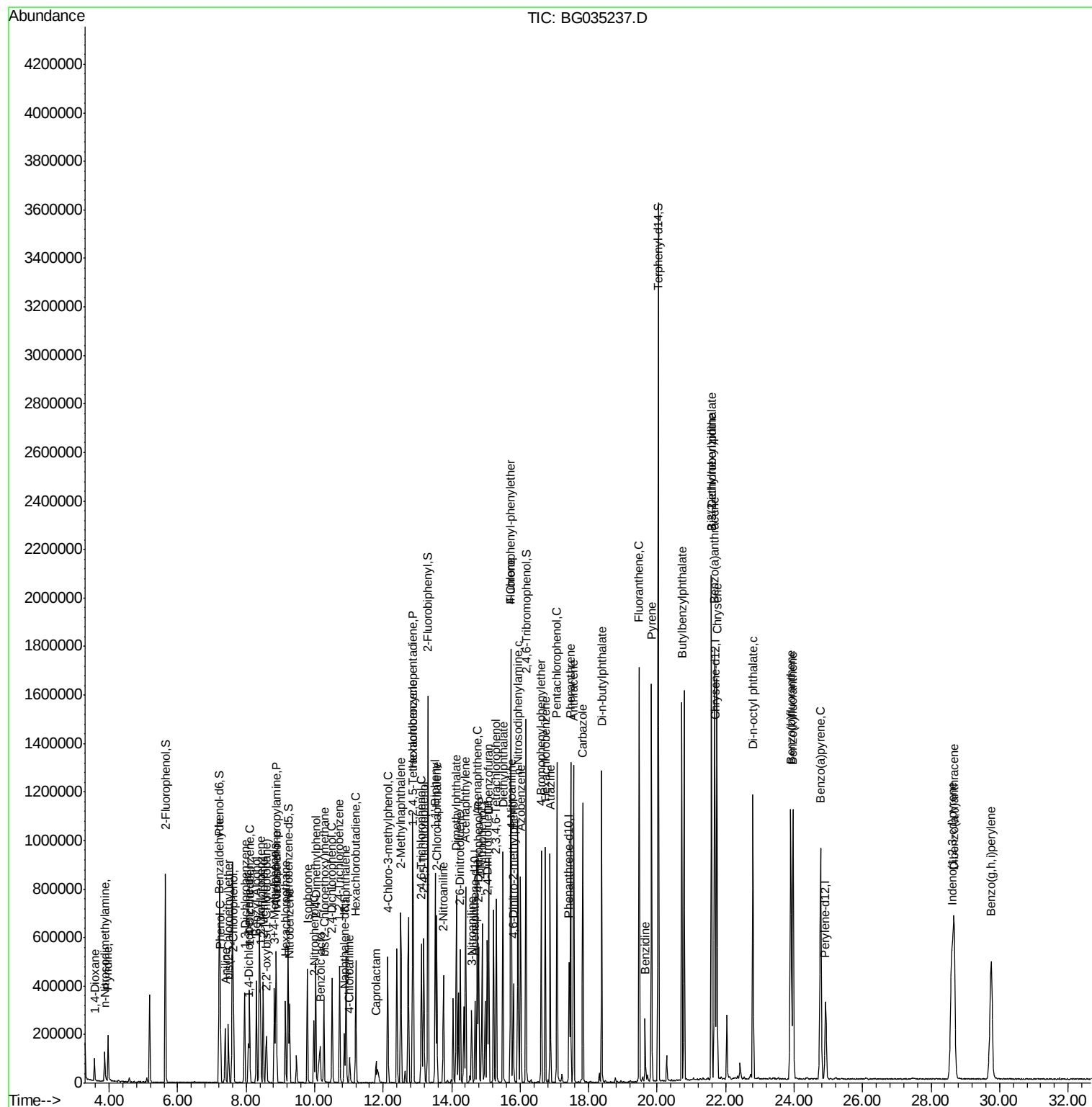
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	149467	56.246	ng	95
43) 2,4,5-Trichlorophenol	13.19	196	171163	58.684	ng	98
45) 1,1'-Biphenyl	13.52	154	461982	48.220	ng	96
46) 2-Chloronaphthalene	13.56	162	362924	50.103	ng	99
47) 2-Nitroaniline	13.76	65	130803	61.153	ng	94
48) Acenaphthylene	14.40	152	620912	51.121	ng	97
49) Dimethylphthalate	14.13	163	524588	50.490	ng	99
50) 2,6-Dinitrotoluene	14.25	165	120259	63.445	ng	91
51) Acenaphthene	14.75	154	377379	47.554	ng	98
52) 3-Nitroaniline	14.59	138	74577	40.096	ng	# 89
53) 2,4-Dinitrophenol	14.79	184	128992	168.153	ng	# 66
54) Dibenzofuran	15.08	168	604549	50.865	ng	96
55) 4-Nitrophenol	14.89	139	162623	103.598	ng	90
56) 2,4-Dinitrotoluene	15.04	165	177687	70.568	ng	# 85
57) Fluorene	15.73	166	507550	51.097	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	172206	60.776	ng	94
59) Diethylphthalate	15.50	149	520978	49.147	ng	98
60) 4-Chlorophenyl-phenylether	15.72	204	289389	51.092	ng	96
61) 4-Nitroaniline	15.75	138	123921	62.125	ng	# 84
62) Azobenzene	16.01	77	516043	49.678	ng	94
64) 4,6-Dinitro-2-methylphenol	15.80	198	101144	68.914	ng	84
65) n-Nitrosodiphenylamine	15.93	169	459004	47.547	ng	97
66) 4-Bromophenyl-phenylether	16.61	248	202355	52.273	ng	90
67) Hexachlorobenzene	16.73	284	206085	52.304	ng	97
68) Atrazine	16.88	200	214064	51.998	ng	94
69) Pentachlorophenol	17.08	266	254438	96.033	ng	97
70) Phenanthrene	17.47	178	831667	50.931	ng	98
71) Anthracene	17.56	178	852281	52.105	ng	98
72) Carbazole	17.83	167	796710	52.496	ng	98
73) Di-n-butylphthalate	18.38	149	896780	49.576	ng	# 98
74) Fluoranthene	19.47	202	1123355	52.867	ng	95
76) Benzidine	19.65	184	163525	11.877	ng	97
77) Pyrene	19.84	202	1124254	46.081	ng	97
79) Butylbenzylphthalate	20.72	149	430733	48.621	ng	# 96
80) Benzo(a)anthracene	21.68	228	1187915	50.231	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	285873	32.130	ng	# 98
82) Chrysene	21.74	228	1101549	50.874	ng	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	592888	47.363	ng	# 97
84) Di-n-octyl phthalate	22.80	149	1018155	47.410	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.60	276	1321157	52.097	ng	# 89
87) Benzo(b)fluoranthene	23.90	252	1164695	51.671	ng	# 97
88) Benzo(k)fluoranthene	23.97	252	1114353	50.539	ng	# 97
89) Benzo(a)pyrene	24.77	252	1111771	52.417	ng	# 96
90) Dibenzo(a,h)anthracene	28.67	278	1074550	51.321	ng	# 97
91) Benzo(g,h,i)perylene	29.75	276	1089232	53.157	ng	# 93

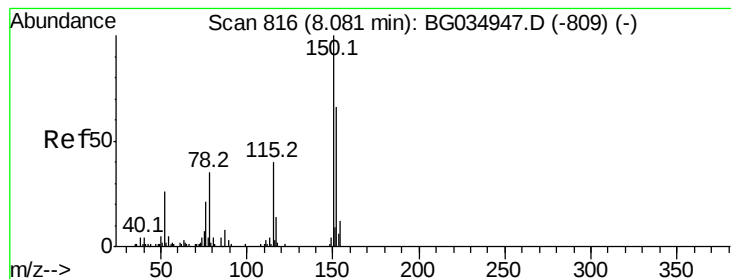
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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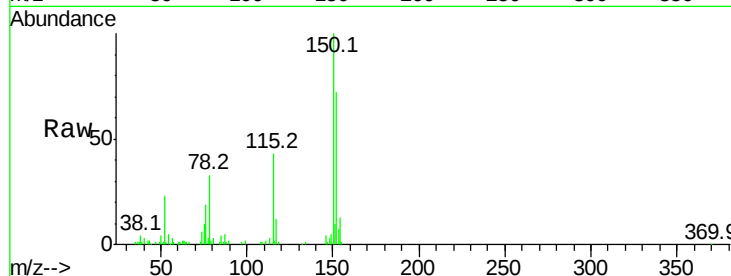


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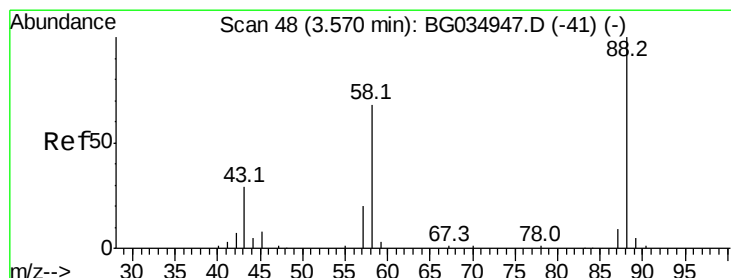
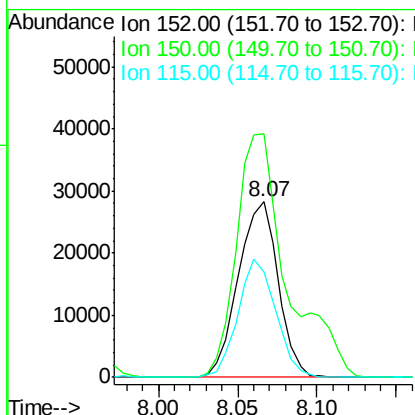
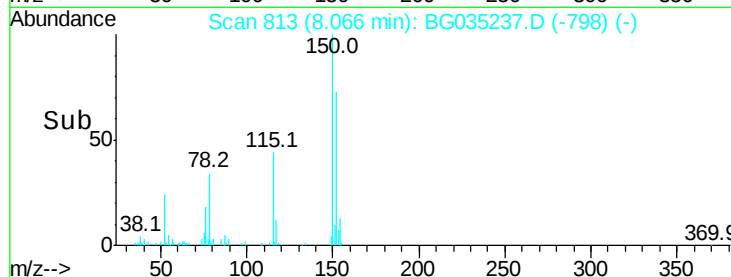
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 49146
Ion Ratio Lower Upper
152 100
150 138.7 126.6 189.8
115 60.1 53.0 79.4



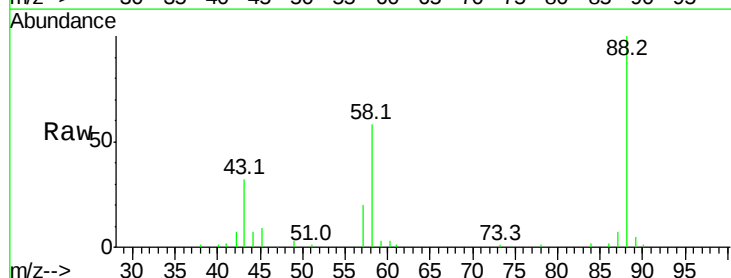
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



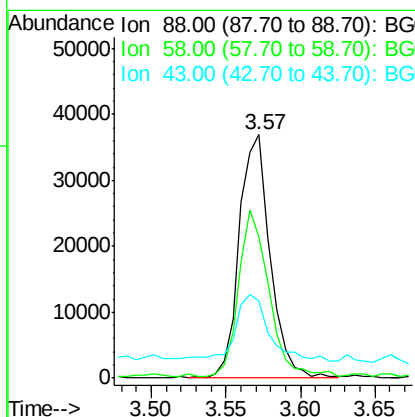
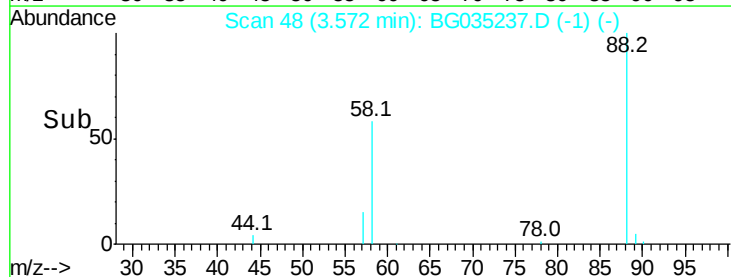
#2

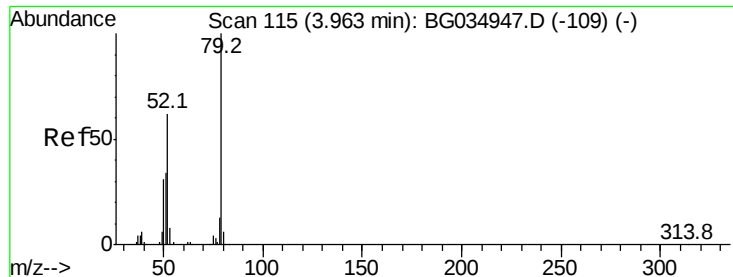
1,4-Dioxane
Concen: 38.268 ng
RT: 3.57 min Scan# 48
Delta R.T. 0.01 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

Tgt Ion: 88 Resp: 53171
Ion Ratio Lower Upper
88 100
58 66.1 79.6 119.4#
43 29.3 27.4 41.0



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





#3

Pvridine

Concen: 31.661 ng

RT: 3.97 min Scan# 115

Delta R.T. 0.01 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampled :

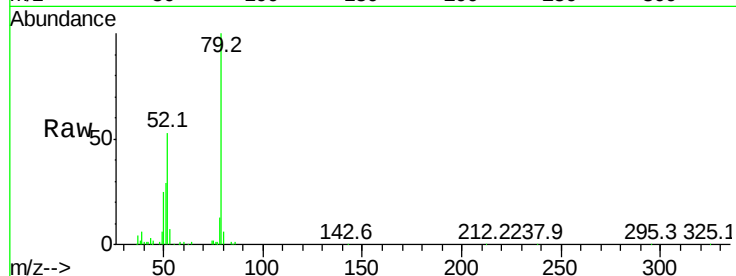
Tot Ion: 79 Resp: 118698

Ion Ratio Lower Upper

79 100

52 52.8 69.9 104.9#

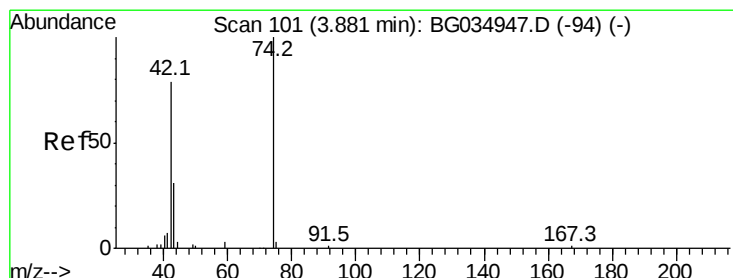
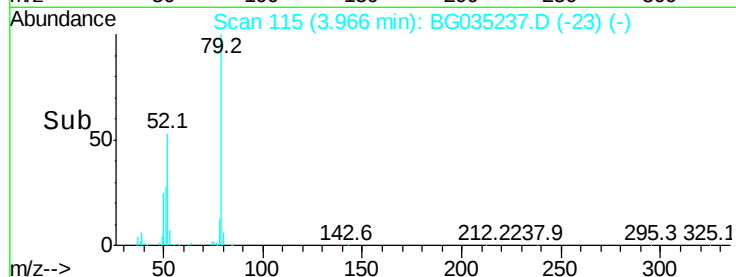
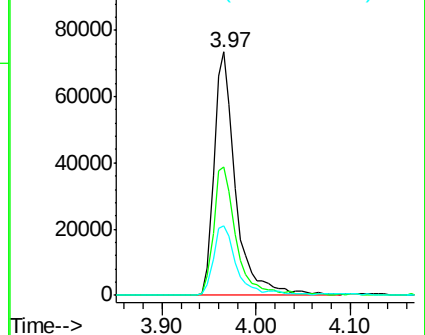
51 28.8 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.858 ng

RT: 3.87 min Scan# 99

Delta R.T. -0.00 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

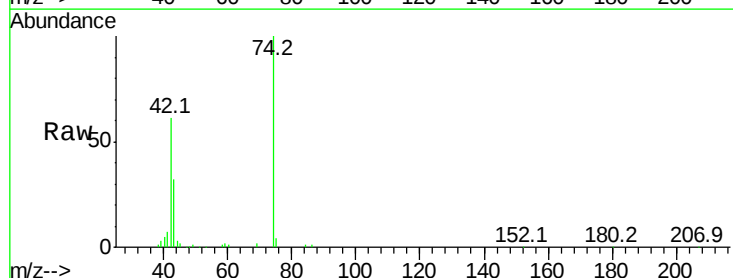
Tgt Ion: 42 Resp: 56141

Ion Ratio Lower Upper

42 100

74 163.3 102.5 153.7#

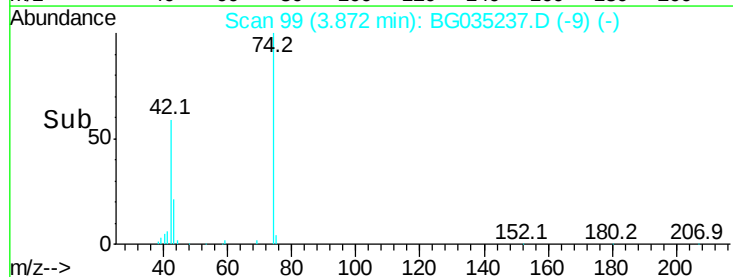
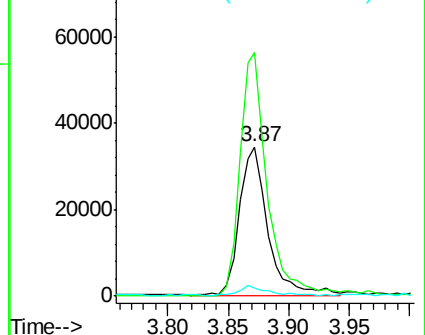
44 5.3 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 126.017 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.00 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

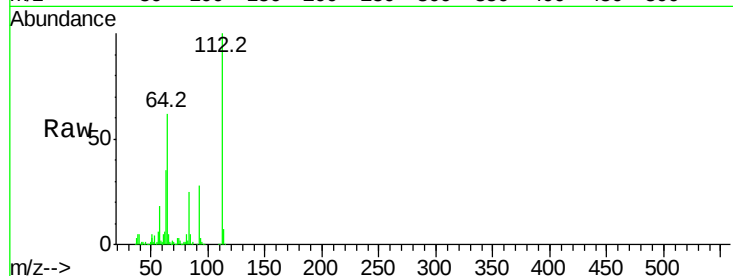
Tot Ion:112 Resp: 366984

Ion Ratio Lower Upper

112 100

64 62.1 56.3 84.5

63 34.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.64

250000

200000

150000

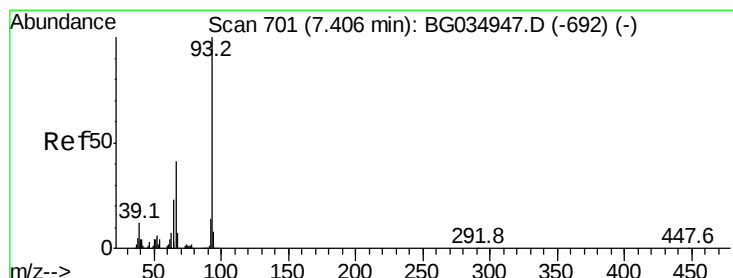
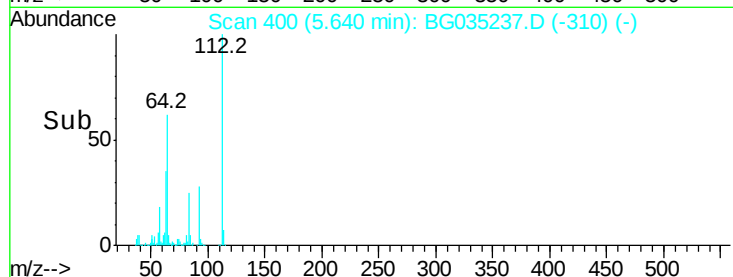
100000

50000

0

5.60 5.70

Time-->



#6

Aniline

Concen: 28.642 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

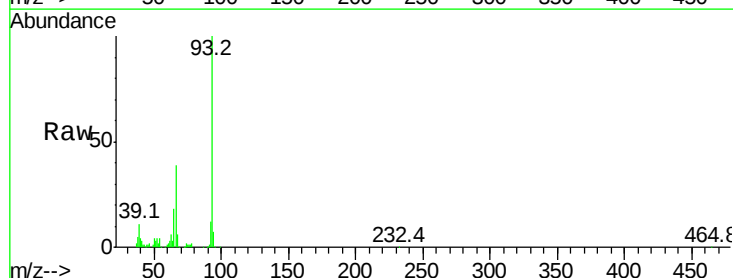
Tgt Ion: 93 Resp: 159134

Ion Ratio Lower Upper

93 100

66 38.8 33.7 50.5

65 17.7 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

7.39

120000

100000

80000

60000

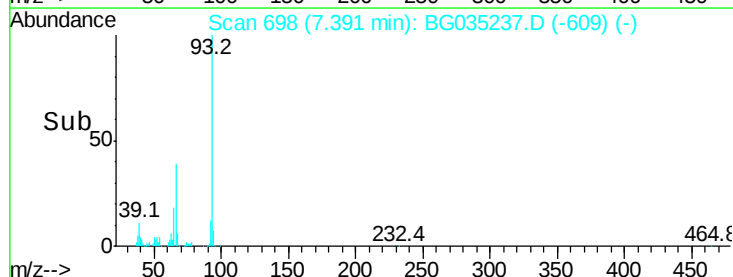
40000

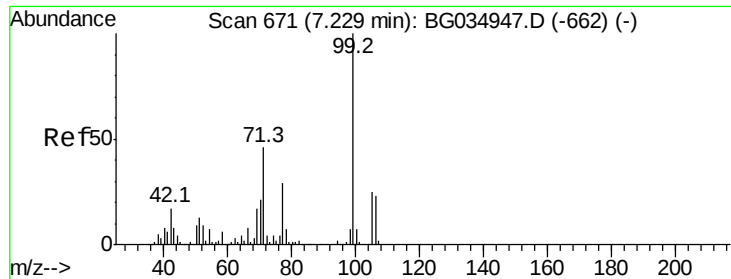
20000

0

7.30 7.35 7.40 7.45

Time-->





#7

Phenol-d6

Concen: 108.871 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

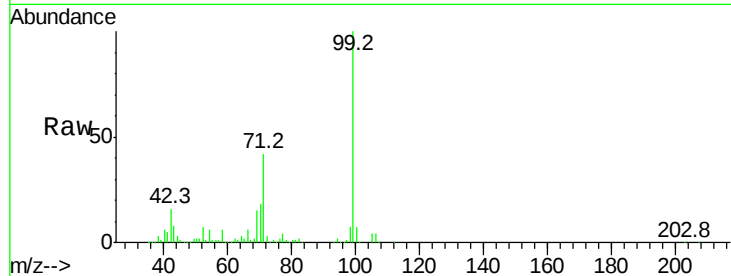
Tot Ion: 99 Resp: 467946

Ion Ratio Lower Upper

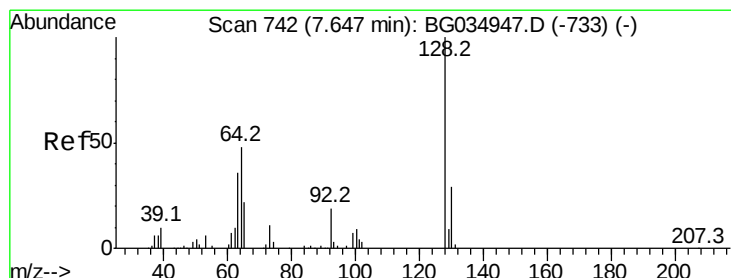
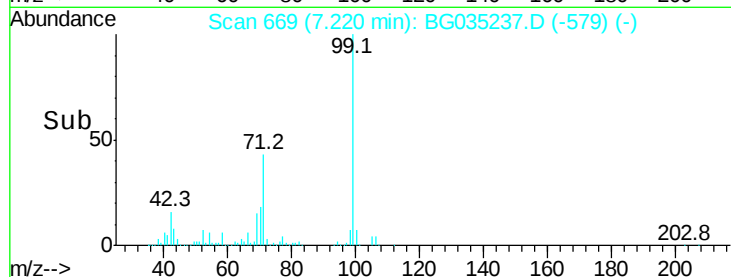
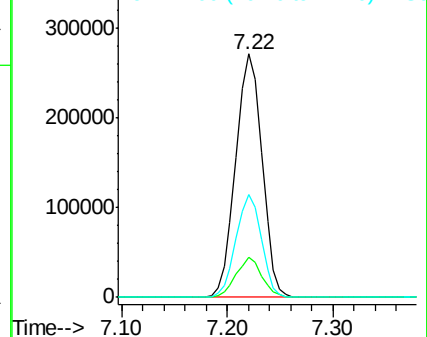
99 100

42 16.3 14.1 21.1

71 42.5 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.278 ng

RT: 7.63 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

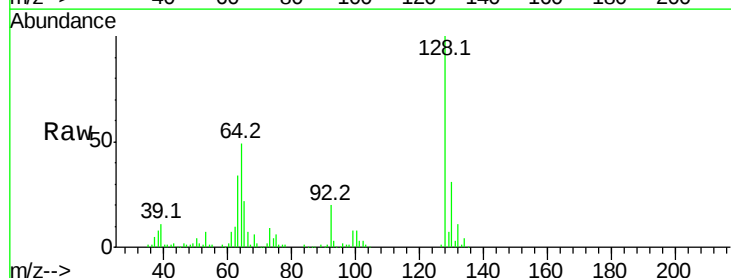
Tgt Ion:128 Resp: 135160

Ion Ratio Lower Upper

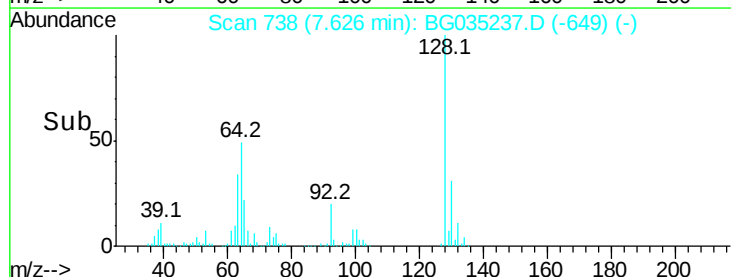
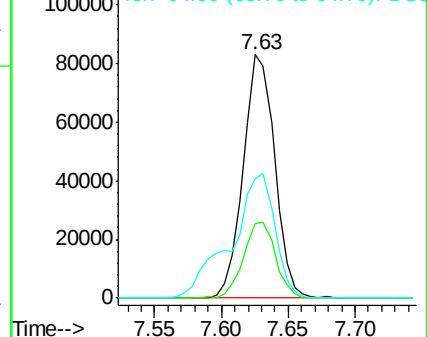
128 100

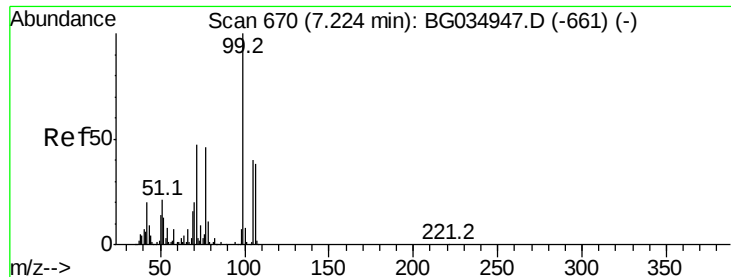
130 30.7 14.0 54.0

64 49.2 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 24.106 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

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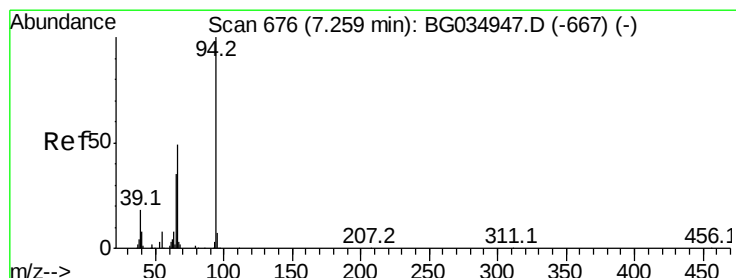
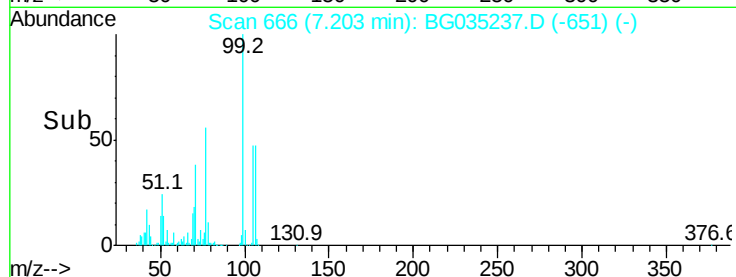
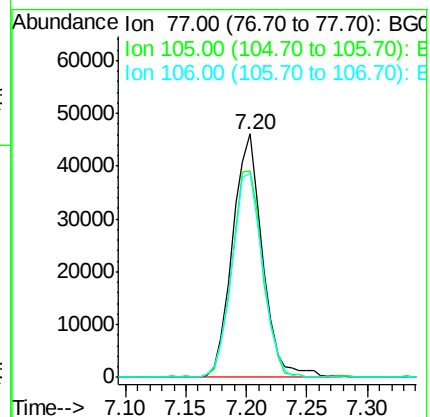
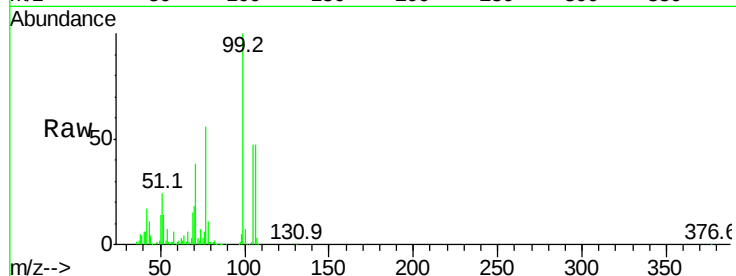
Tot Ion: 77 Resp: 79810

Ion Ratio Lower Upper

77 100

105 84.6 71.3 111.3

106 83.8 64.2 104.2



#10

Phenol

Concen: 36.183 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

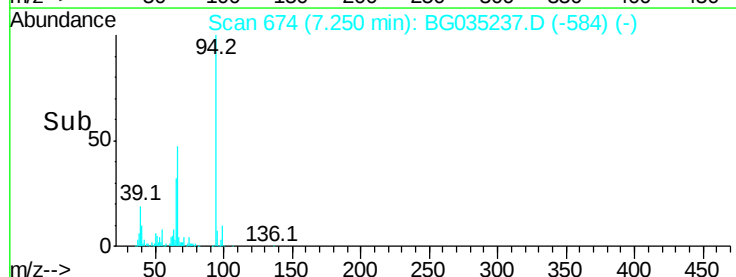
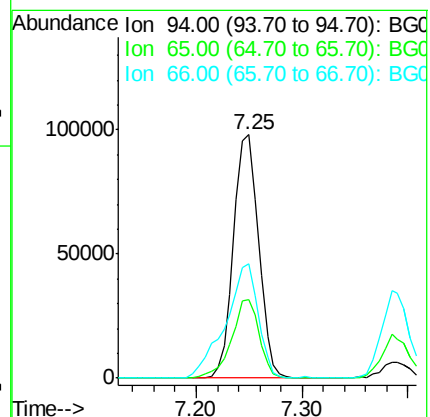
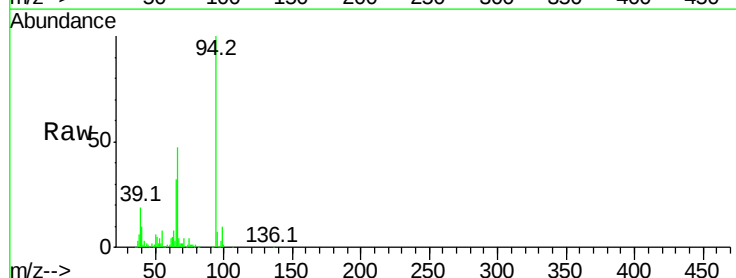
Tgt Ion: 94 Resp: 160946

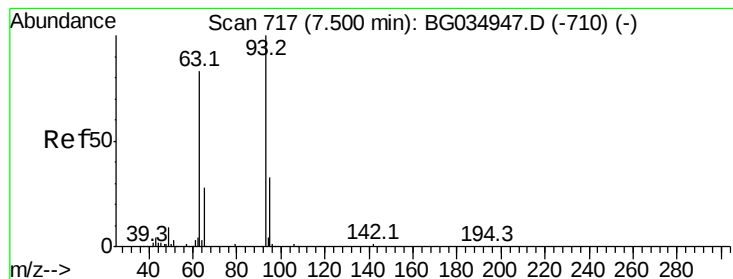
Ion Ratio Lower Upper

94 100

65 32.4 11.9 51.9

66 46.8 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 41.675 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampled :

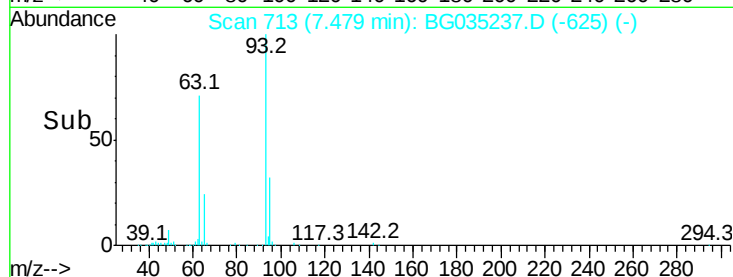
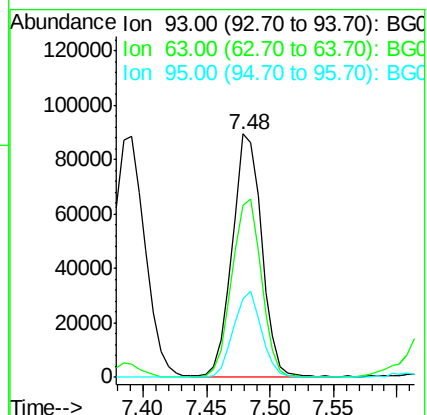
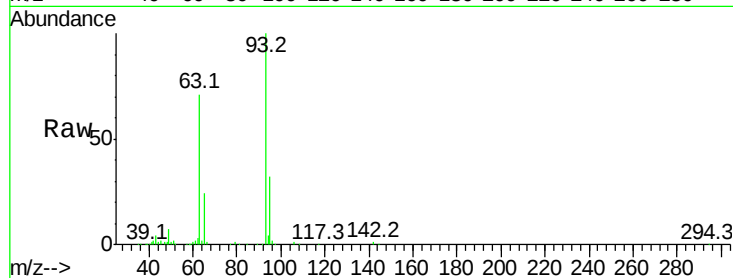
Tot Ion: 93 Resp: 143883

Ion Ratio Lower Upper

93 100

63 70.7 67.1 107.1

95 32.0 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 43.292 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

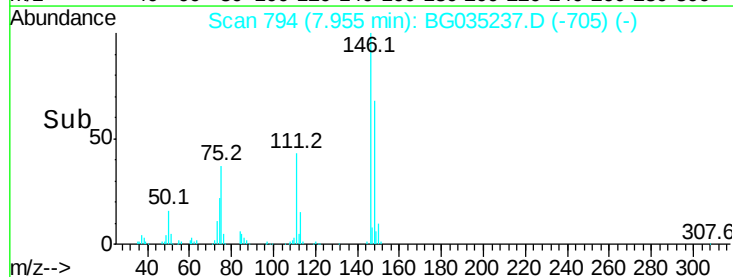
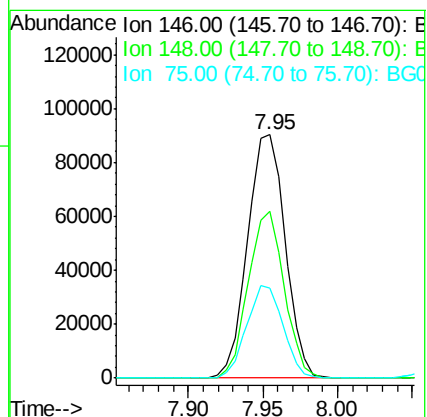
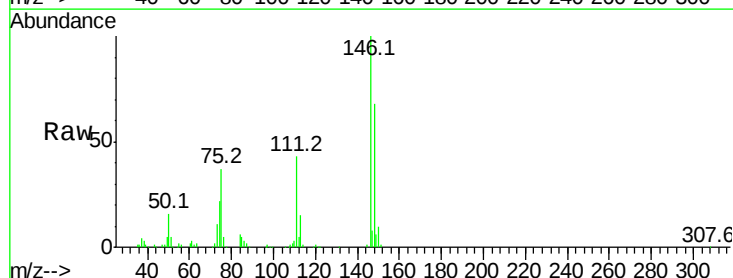
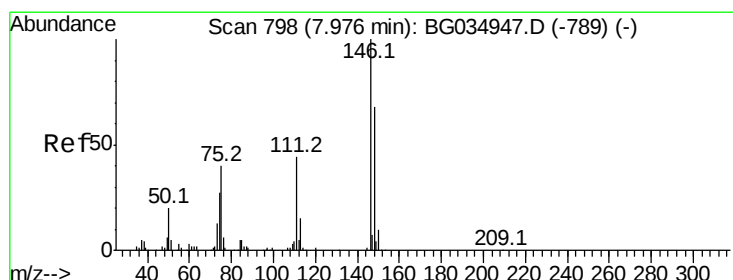
Tgt Ion: 146 Resp: 157678

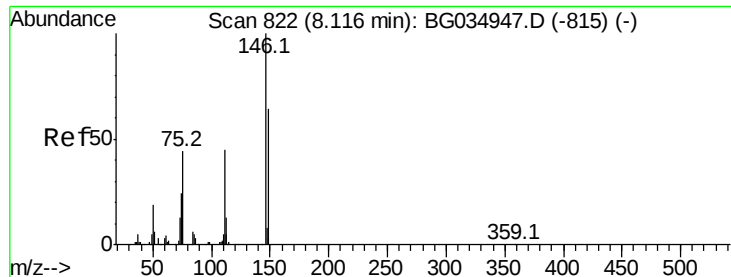
Ion Ratio Lower Upper

146 100

148 68.3 51.4 77.2

75 37.2 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 42.467 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

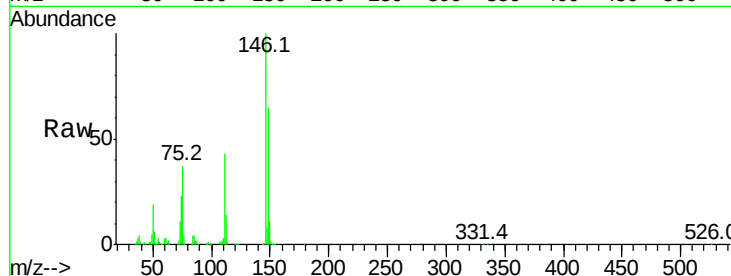
Tot Ion:146 Resp: 159669

Ion Ratio Lower Upper

146 100

148 64.9 53.7 80.5

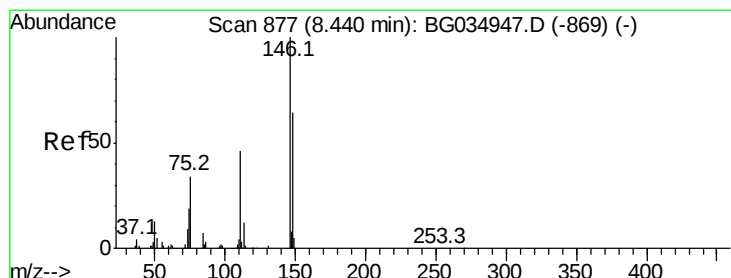
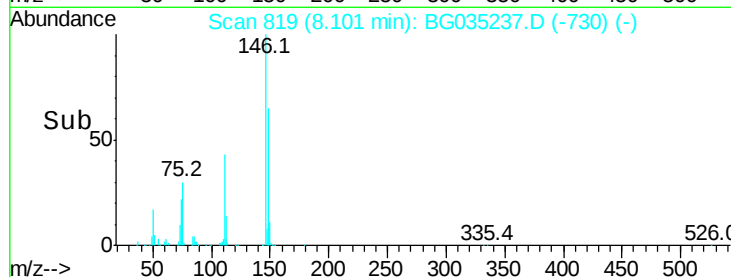
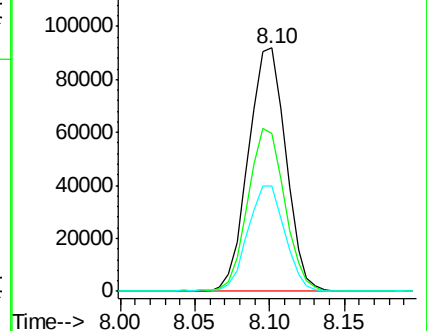
111 43.4 35.2 52.8



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: 43.911 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

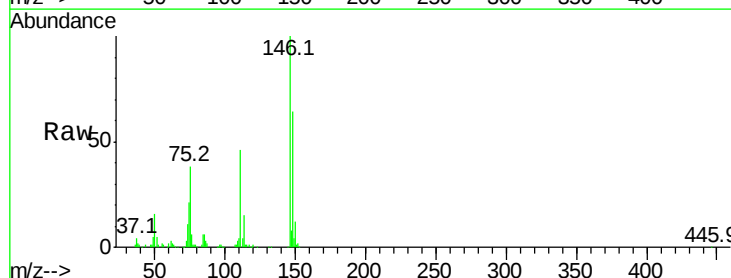
Tgt Ion:146 Resp: 155076

Ion Ratio Lower Upper

146 100

148 63.8 49.3 73.9

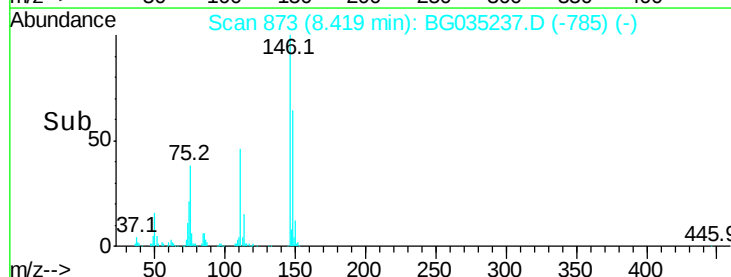
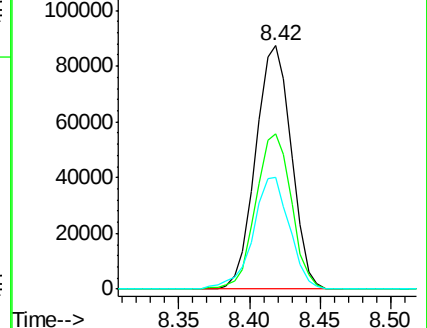
111 45.7 34.3 51.5



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: 41.043 ng

RT: 8.30 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

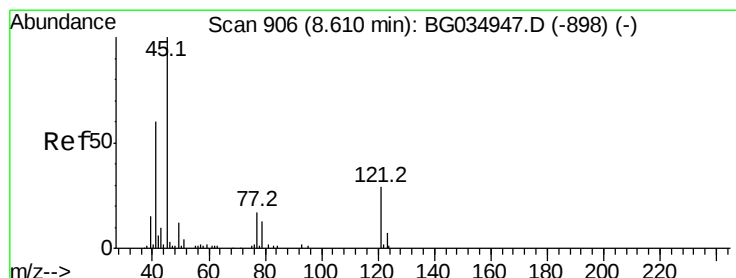
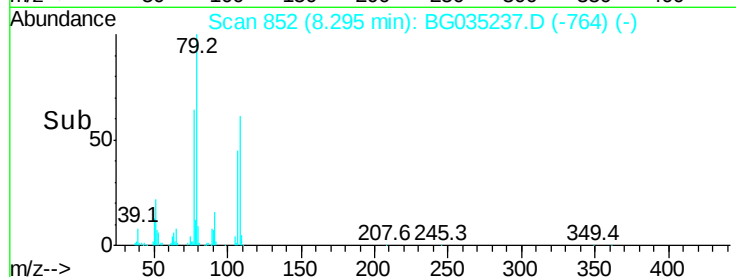
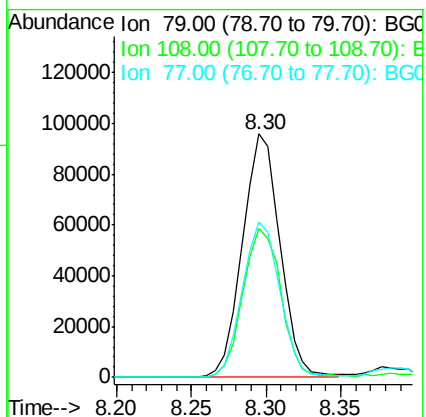
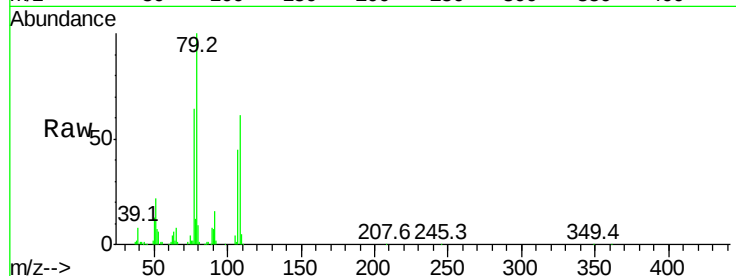
Tot Ion: 79 Resp: 167158

Ion Ratio Lower Upper

79 100

108 61.4 57.2 85.8

77 63.7 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.535 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

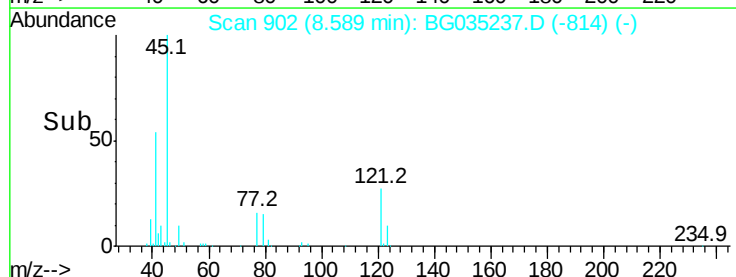
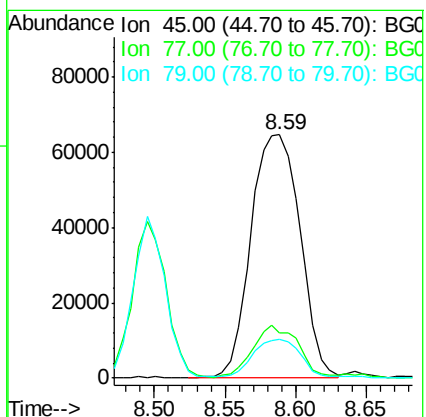
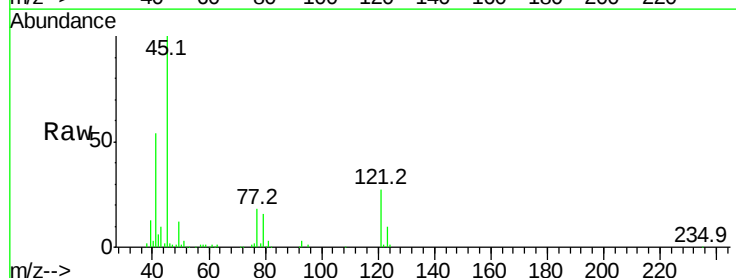
Tgt Ion: 45 Resp: 156469

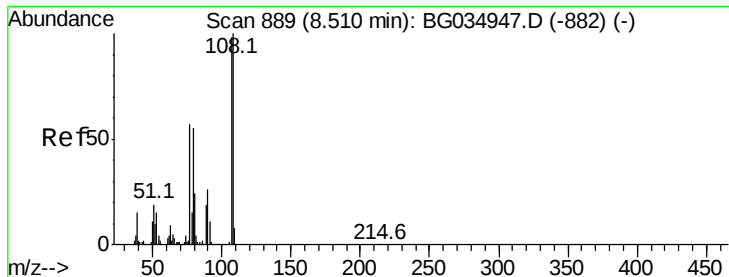
Ion Ratio Lower Upper

45 100

77 18.4 0.0 30.2

79 16.0 0.0 27.9





#17

2-Methylphenol

Concen: 44.318 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 129969

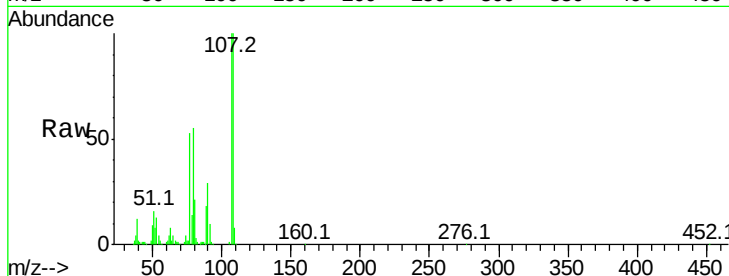
Ion Ratio Lower Upper

107 100

108 99.7 83.9 125.9

77 53.0 37.2 55.8

79 54.5 36.2 54.2#

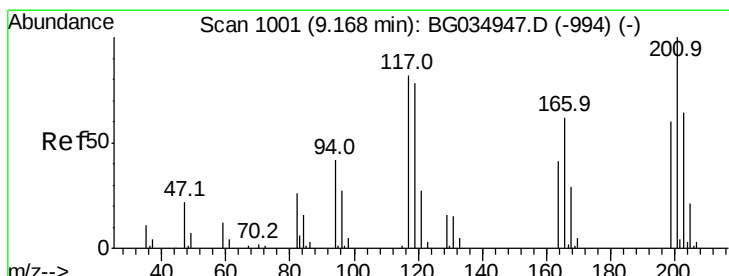
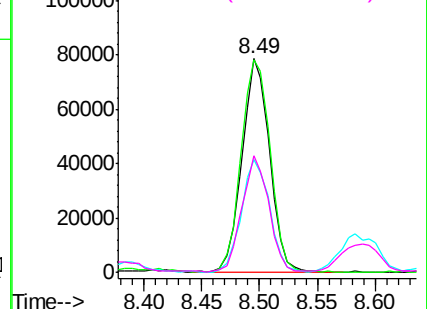
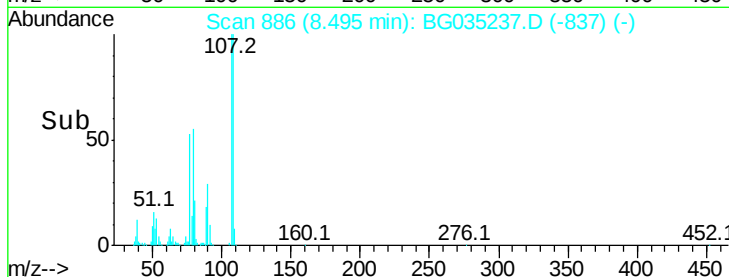


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.809 ng

RT: 9.15 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

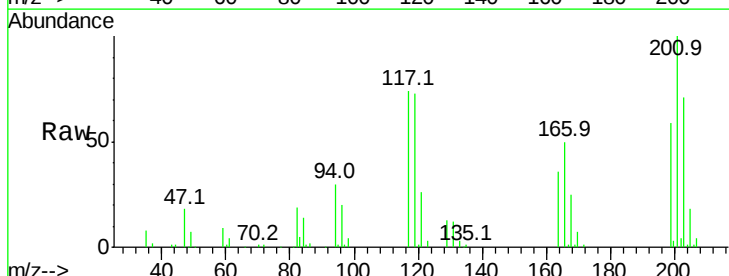
Tgt Ion:117 Resp: 60315

Ion Ratio Lower Upper

117 100

119 98.6 76.7 115.1

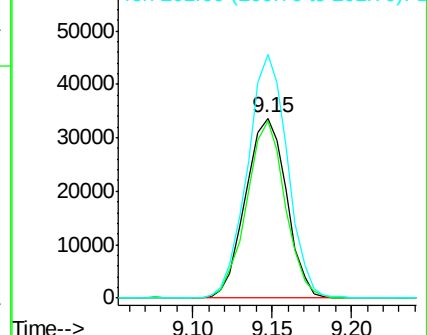
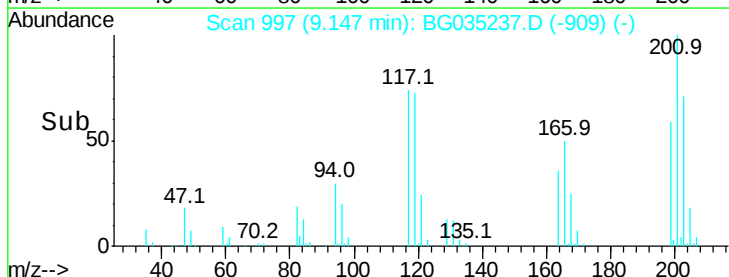
201 135.5 95.7 143.5

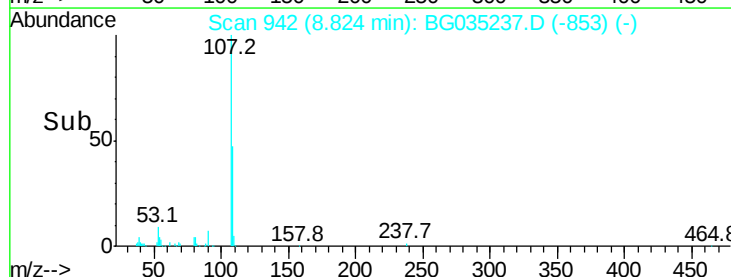
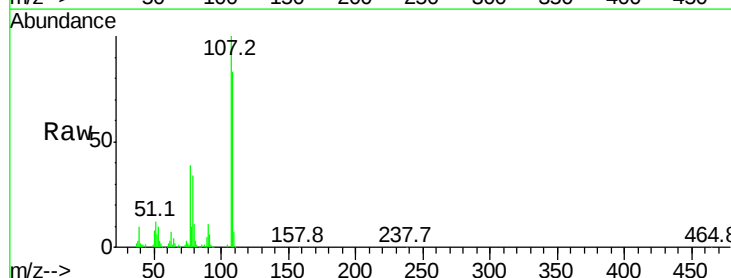
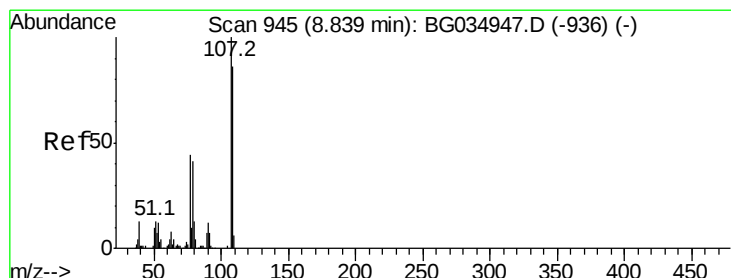
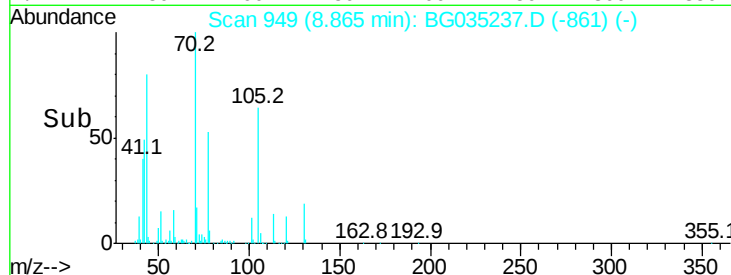
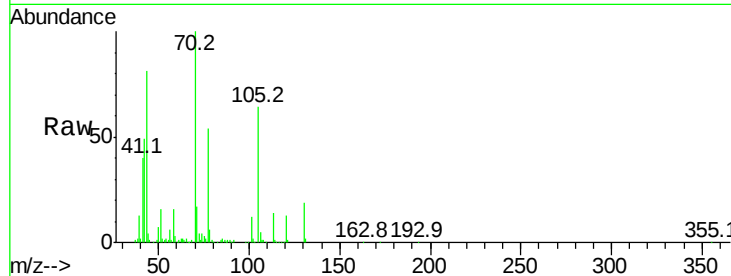
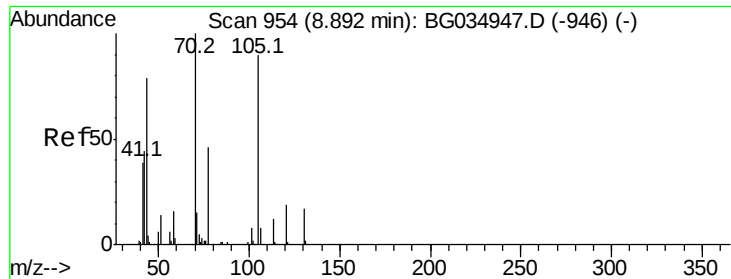


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.915 ng

RT: 8.87 min Scan# 949

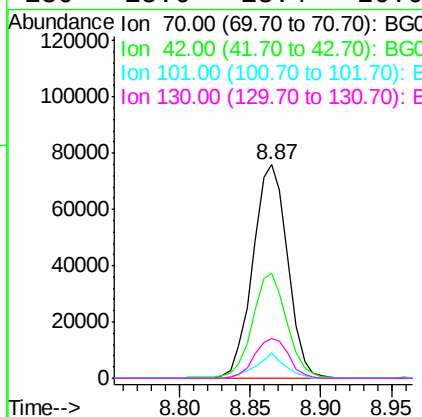
Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	131149
Ion	Ratio	Lower	Upper
70	100		
42	48.9	49.1	73.7#
101	12.2	8.5	12.7
130	18.6	13.4	20.0



#20

3+4-Methylphenols

Concen: 41.142 ng

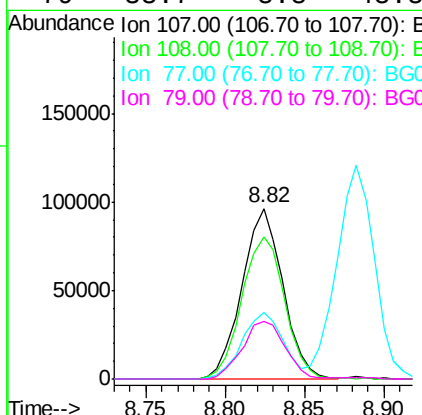
RT: 8.82 min Scan# 942

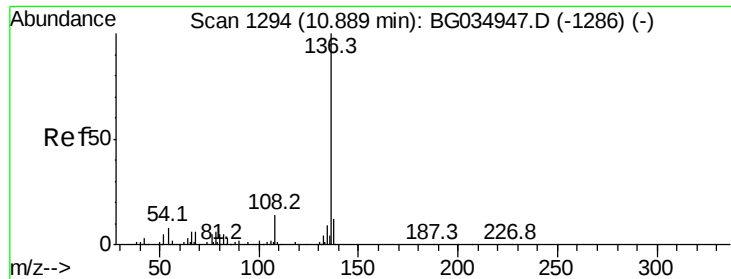
Delta R.T. -0.01 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Tgt Ion:	107	Resp:	172939
Ion	Ratio	Lower	Upper
107	100		
108	83.2	61.6	101.6
77	39.0	13.9	53.9
79	33.7	8.8	48.8

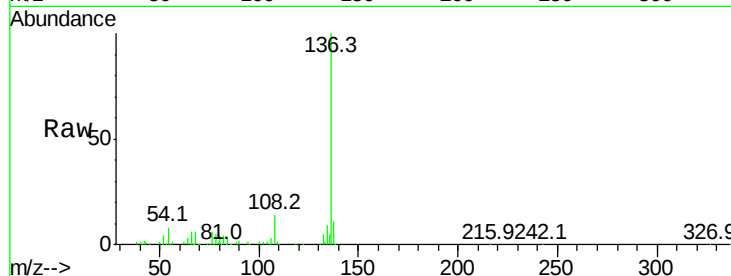




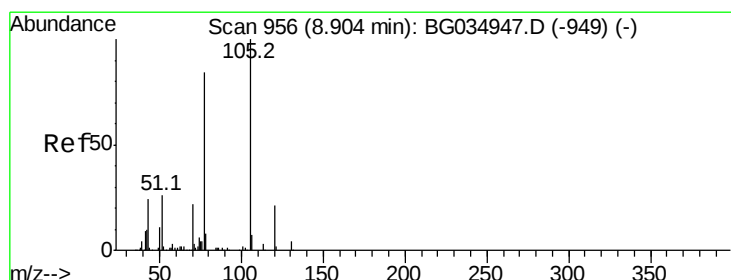
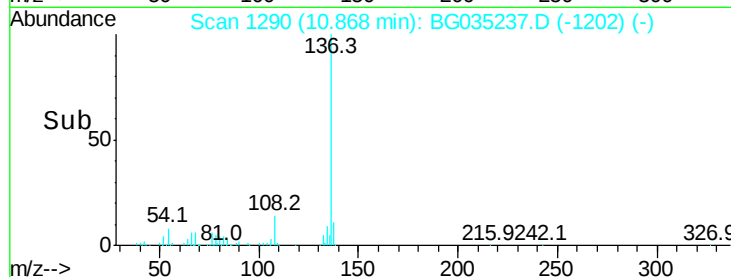
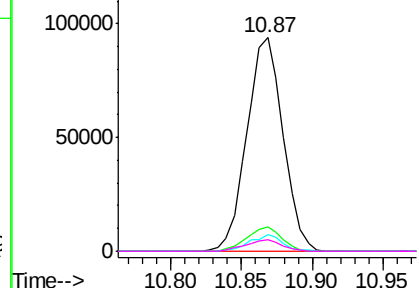
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	168161
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.8	10.3	15.5#
68	5.5	4.5	6.7

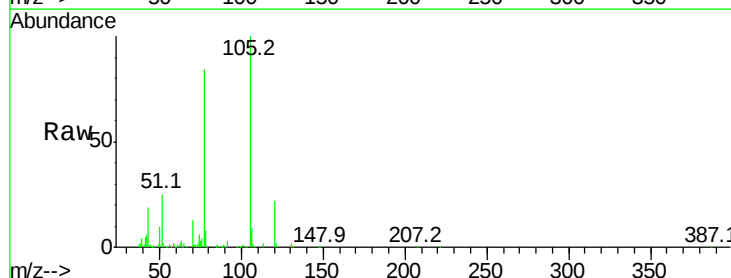


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

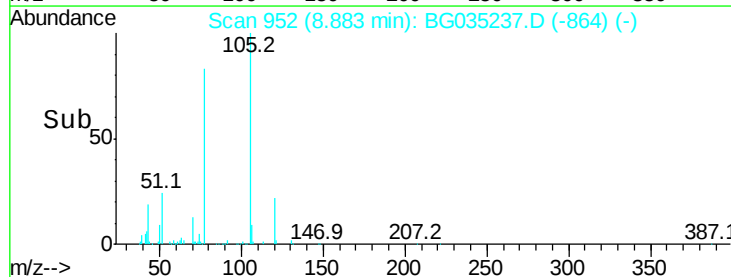
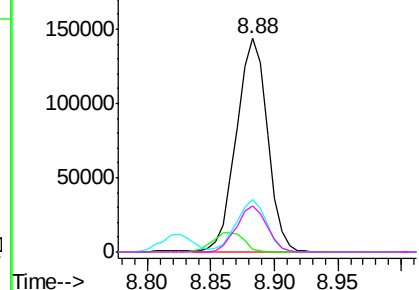


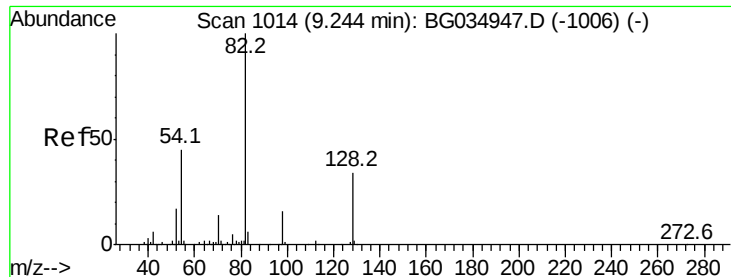
#22
Acetophenone
Concen: 46.770 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.02 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

Tgt Ion:	105	Resp:	243632
Ion	Ratio	Lower	Upper
105	100		
71	1.5	3.0	4.4#
51	24.6	26.1	39.1#
120	21.7	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: 107.506 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

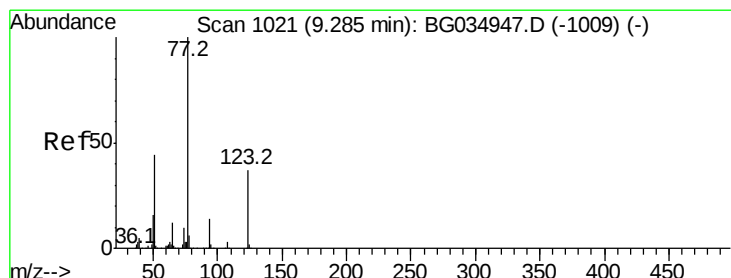
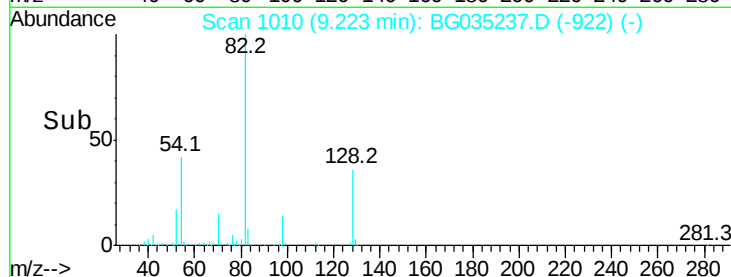
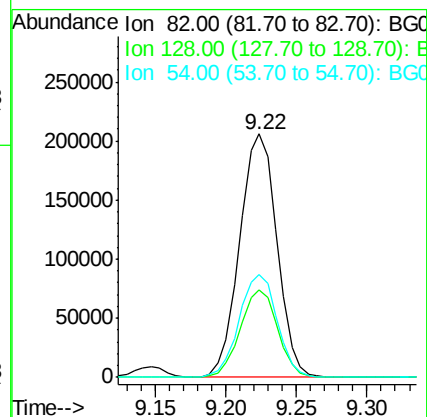
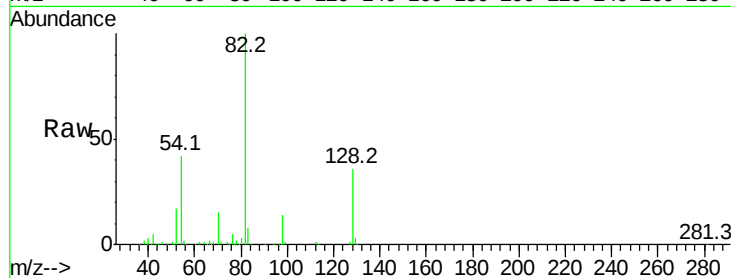
Tot Ion: 82 Resp: 380320

Ion Ratio Lower Upper

82 100

128 36.0 29.7 44.5

54 42.0 43.1 64.7#



#24

Nitrobenzene

Concen: 55.177 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

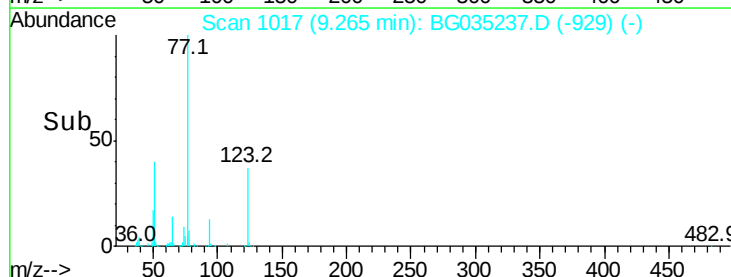
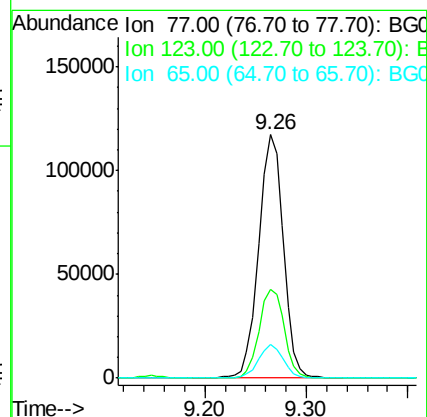
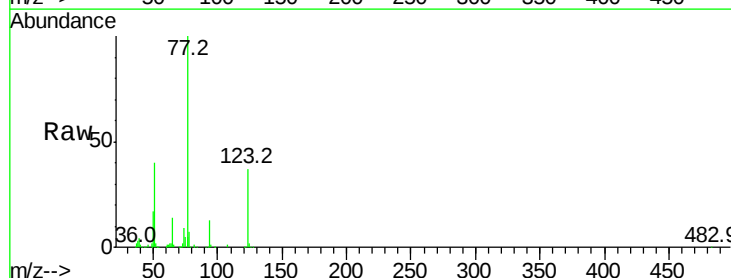
Tgt Ion: 77 Resp: 199884

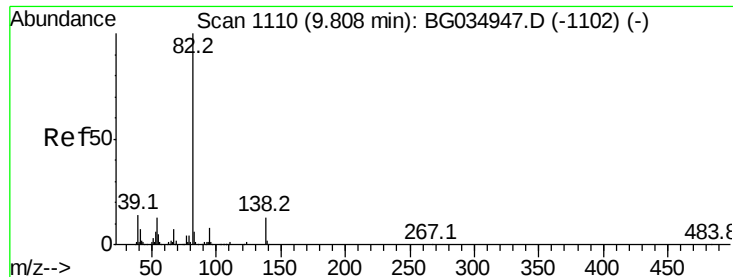
Ion Ratio Lower Upper

77 100

123 36.7 33.0 49.6

65 13.7 13.0 19.6





#25

Isophorone

Concen: 51.053 ng

RT: 9.79 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampled :

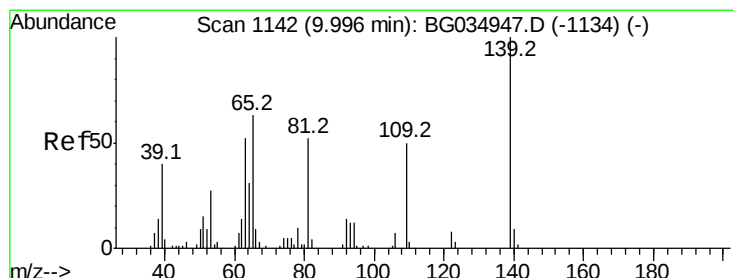
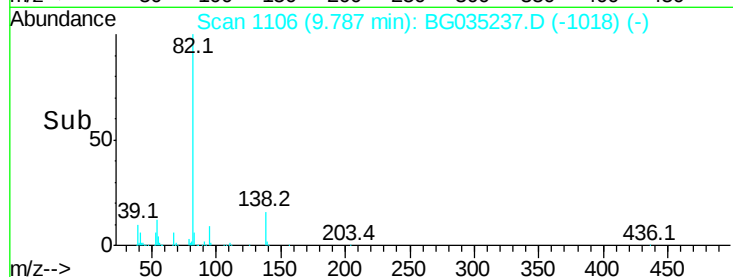
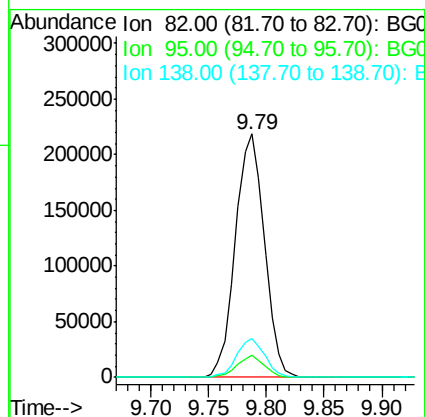
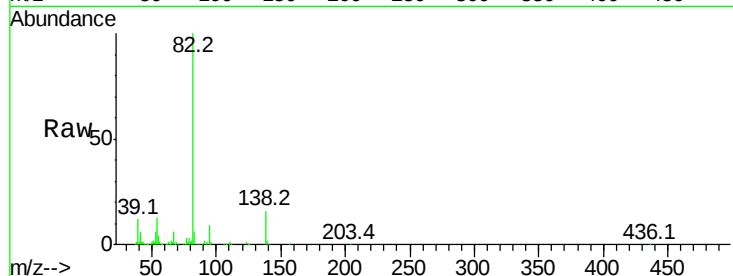
Tot Ion: 82 Resp: 381323

Ion Ratio Lower Upper

82 100

95 9.1 6.2 9.2

138 15.9 12.1 18.1



#26

2-Nitrophenol

Concen: 63.799 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

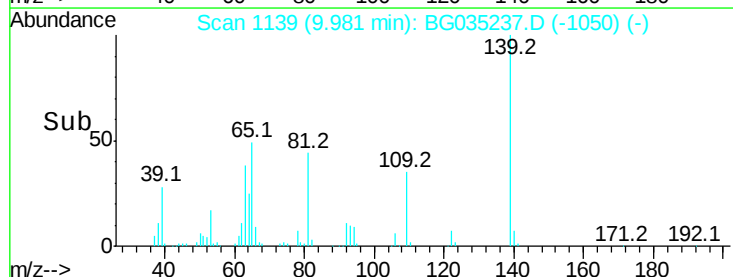
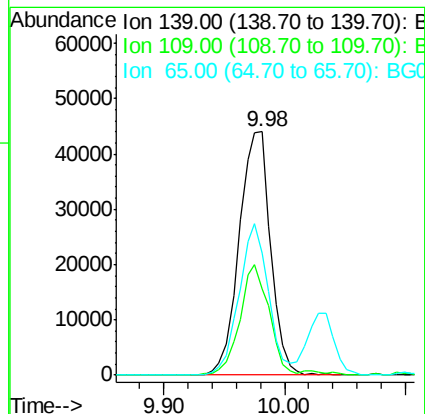
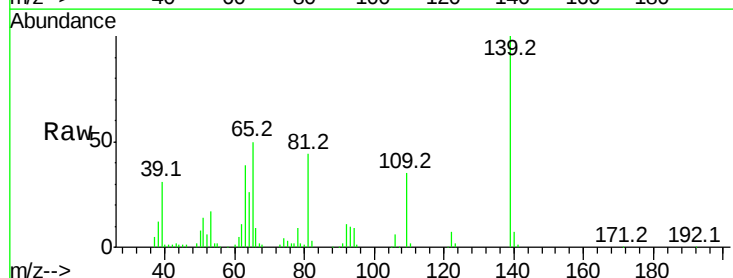
Tgt Ion: 139 Resp: 79665

Ion Ratio Lower Upper

139 100

109 35.4 24.2 36.2

65 50.2 47.4 71.0

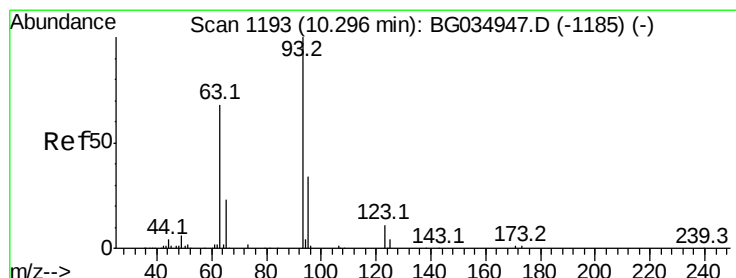
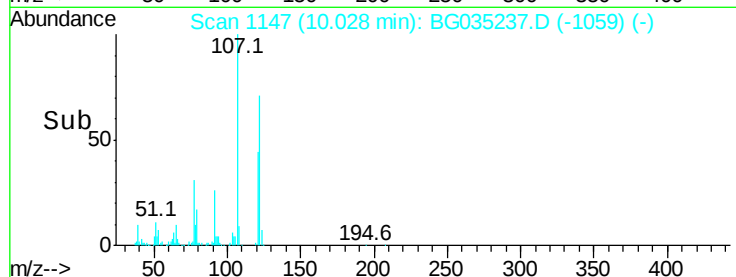
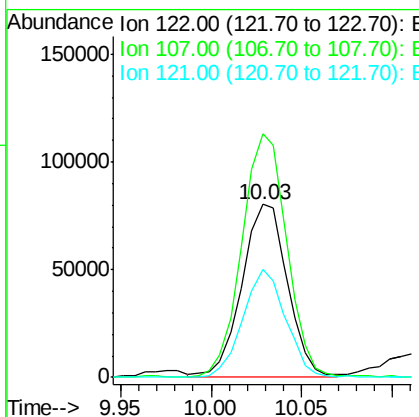
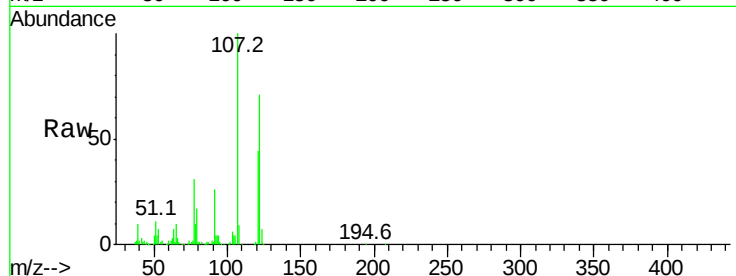




#27
 2,4-Dimethylphenol
 Concen: 53.431 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

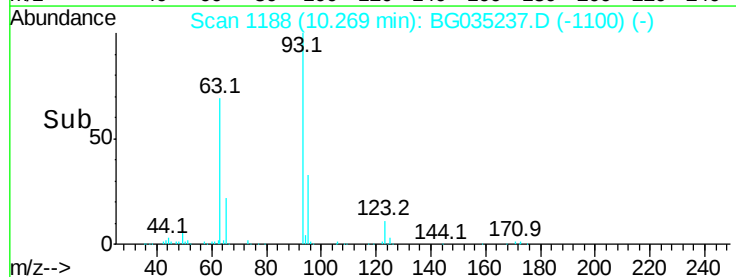
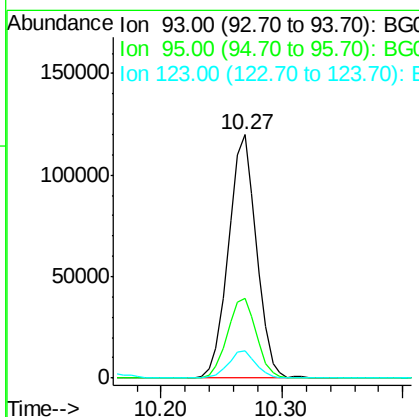
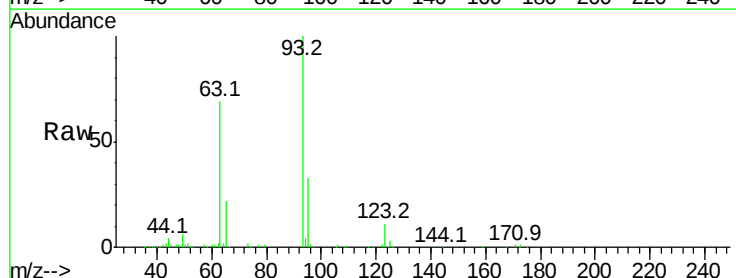
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.9	100.2	150.2
121	62.3	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.028 ng
 RT: 10.27 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	24.3	36.5
123	11.4	8.4	12.6

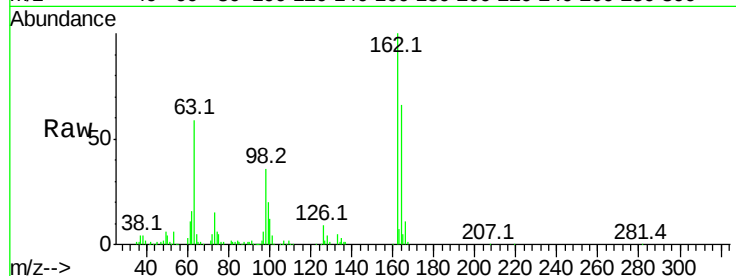




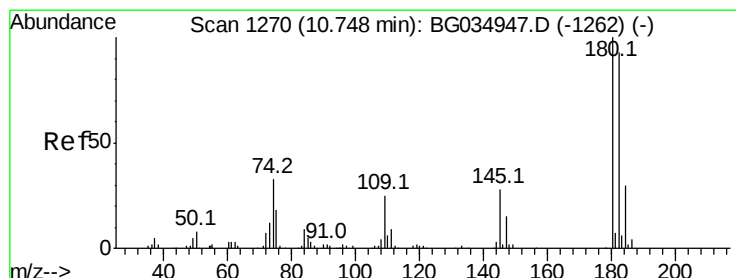
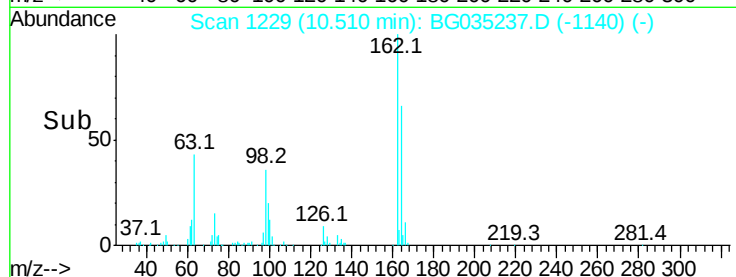
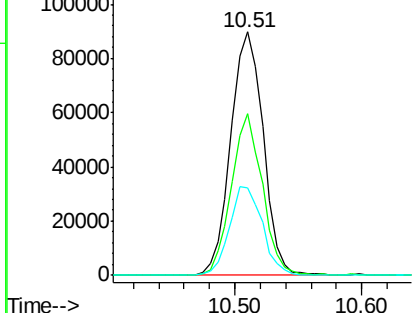
#29
2,4-Dichlorophenol
Concen: 55.777 ng
RT: 10.51 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	48.0	88.0
98	35.7	21.1	61.1

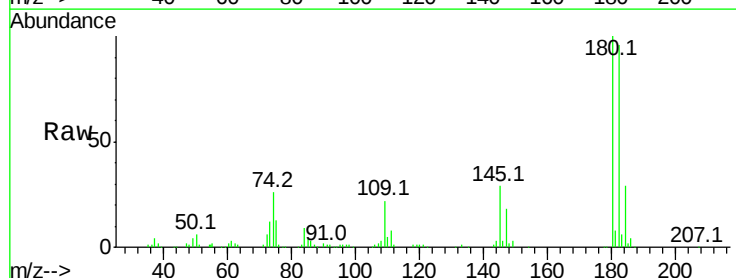


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

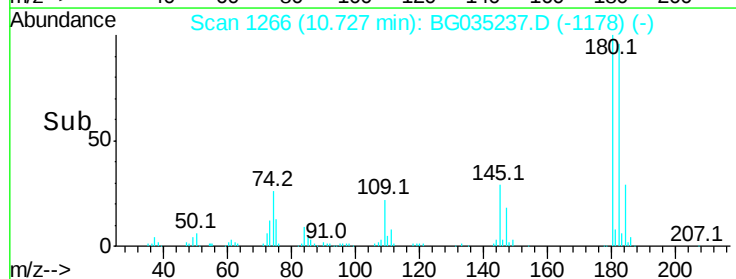
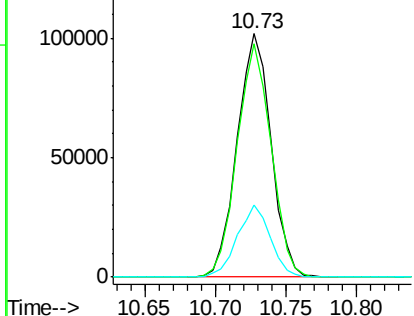


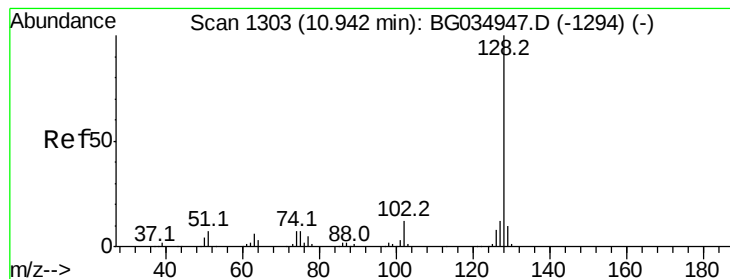
#30
1,2,4-Trichlorobenzene
Concen: 50.060 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.5	116.3
145	29.5	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.812 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

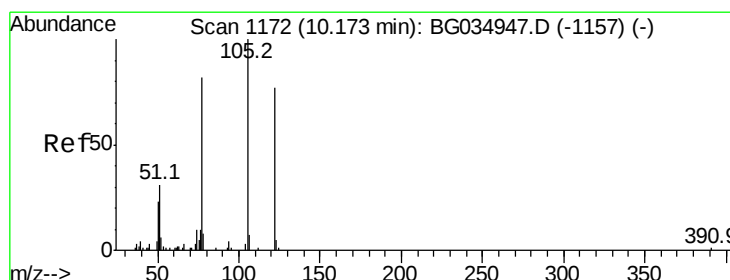
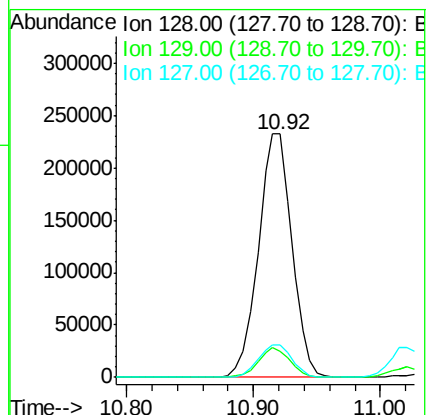
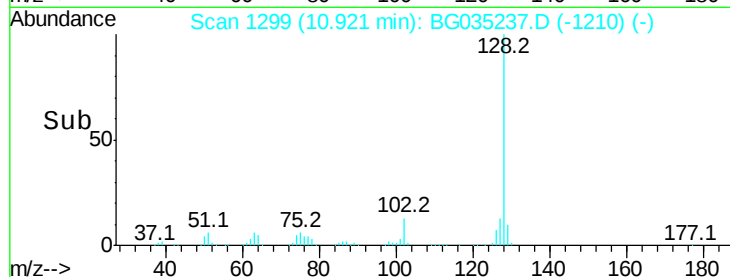
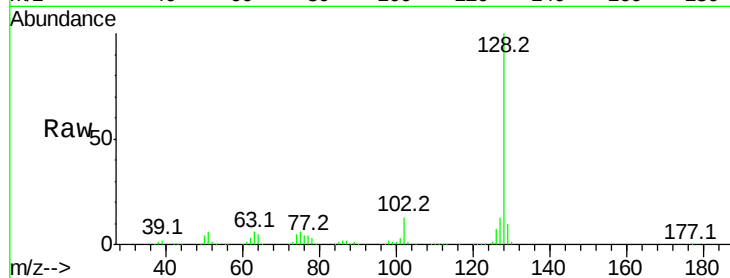
Instrument :

BNA_G

ClientSampleId :

Tot Ion:128 Resp: 426415

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.5	11.6	17.4



#32

Benzoic acid

Concen: 55.302 ng

RT: 10.16 min Scan# 1170

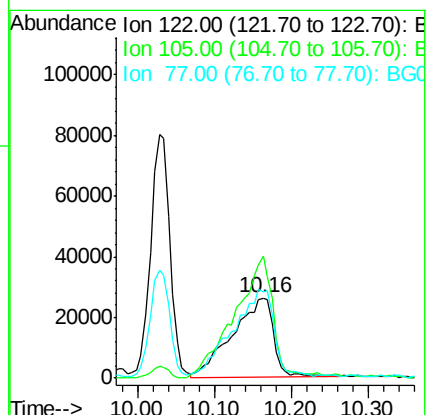
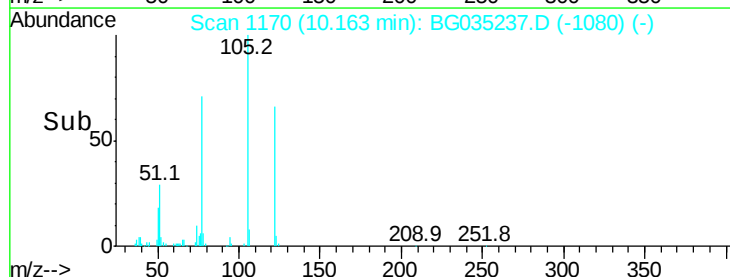
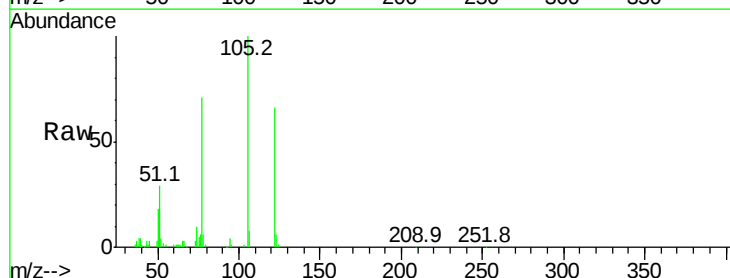
Delta R.T. -0.00 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Tgt Ion:122 Resp: 97223

Ion	Ratio	Lower	Upper
122	100		
105	152.5	123.5	163.5
77	108.3	85.7	125.7

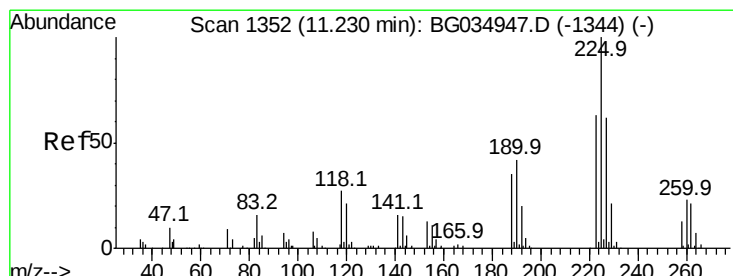
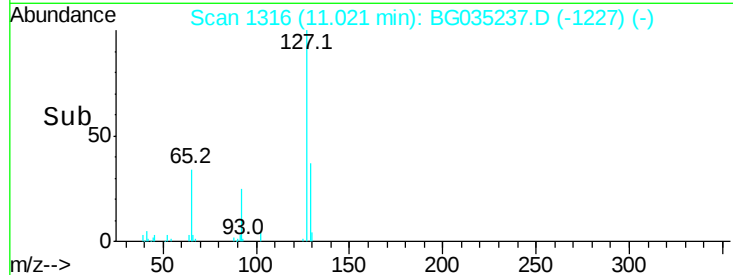
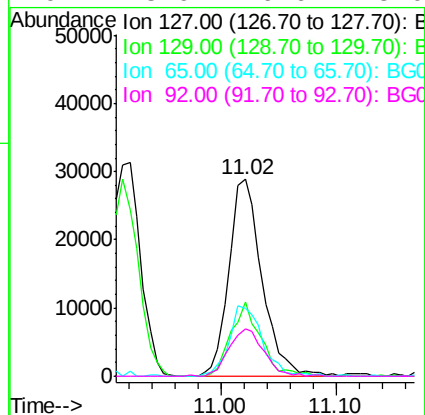
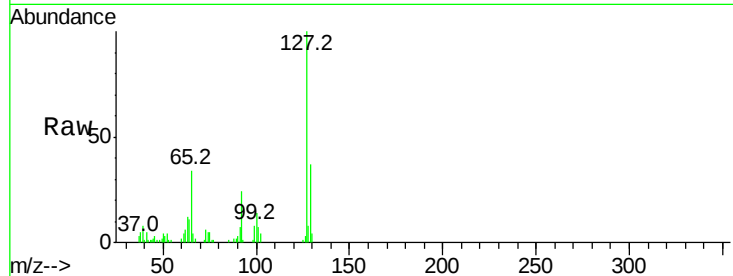




#33
4-Chloroaniline
Concen: 15.171 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

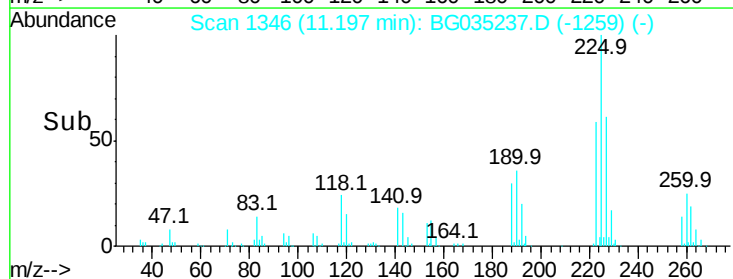
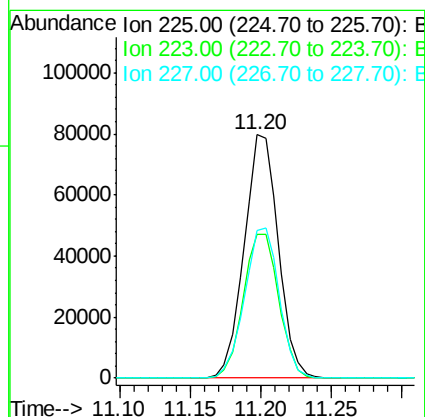
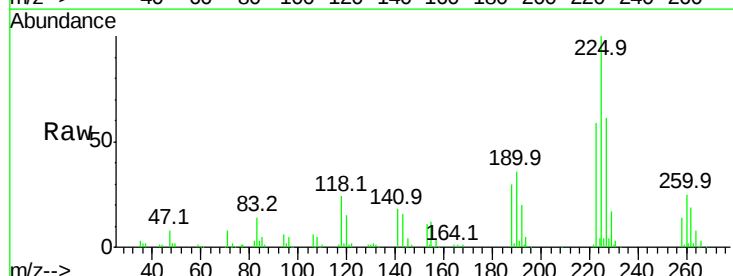
Instrument :
BNA_G
ClientSampled :

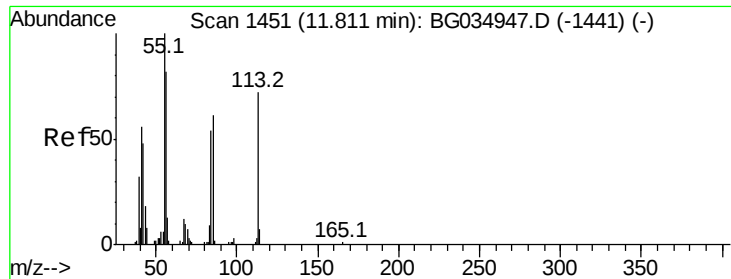
Tot Ion	Ratio	Lower	Upper
127	100		
129	37.4	24.0	36.0#
65	34.3	27.0	40.4
92	23.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 50.696 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.0	49.7	74.5
227	60.8	48.1	72.1

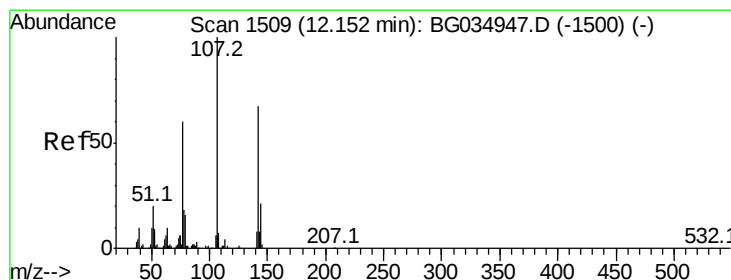
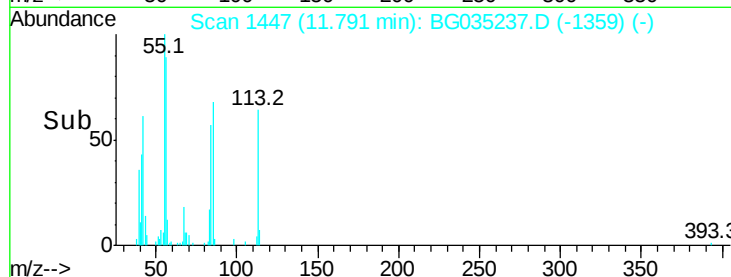
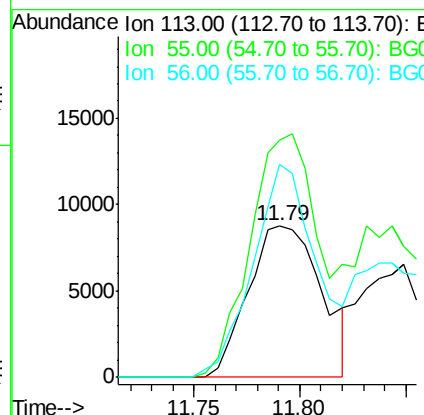
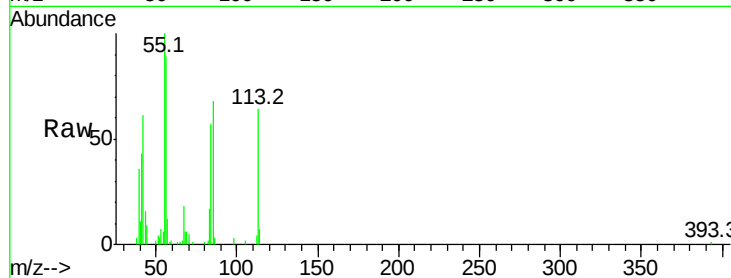




#35
 Caprolactam
 Concen: 20.044 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

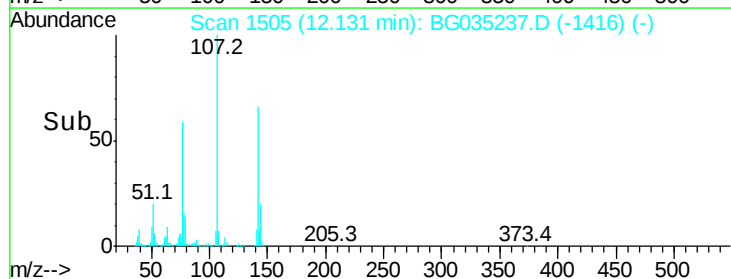
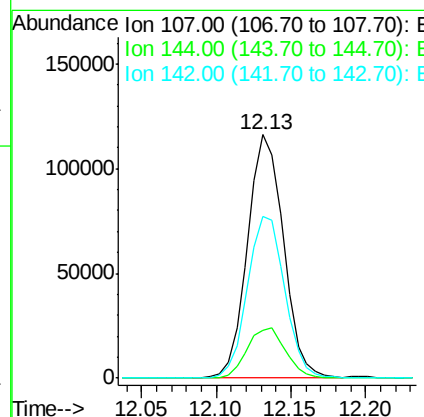
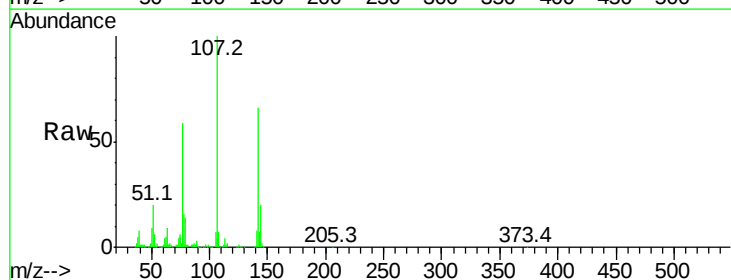
Instrument :
 BNA_G
 ClientSampleId :

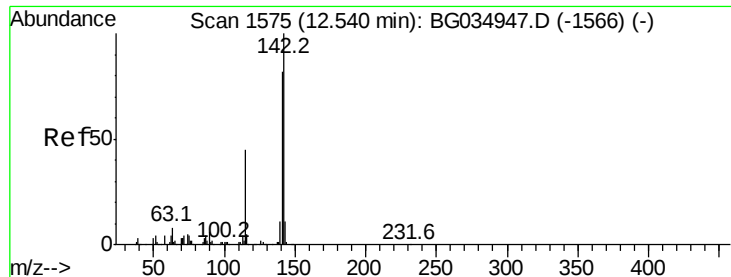
Tot Ion:113 Resp: 21156
 Ion Ratio Lower Upper
 113 100
 55 156.4 186.9 226.9#
 56 139.8 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 54.511 ng
 RT: 12.13 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

Tgt Ion:107 Resp: 194060
 Ion Ratio Lower Upper
 107 100
 144 19.8 18.2 27.4
 142 66.3 59.0 88.4

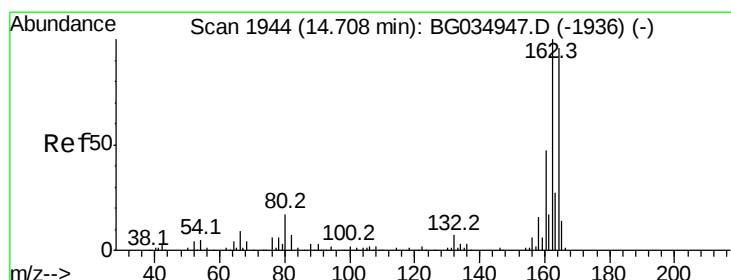
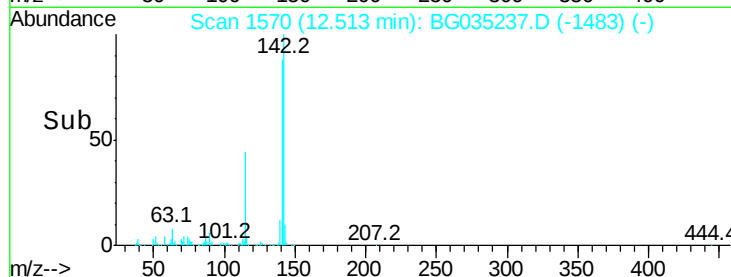
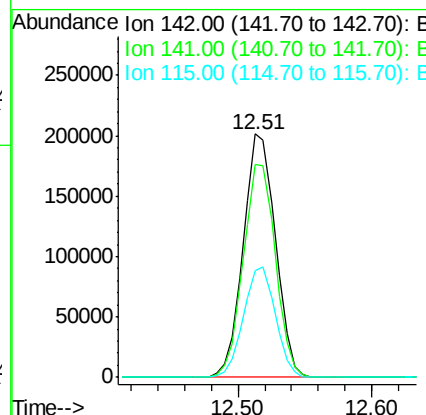
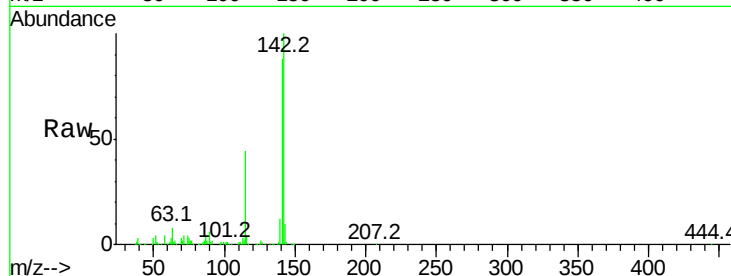




#37
2-Methylnaphthalene
Concen: 50.642 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

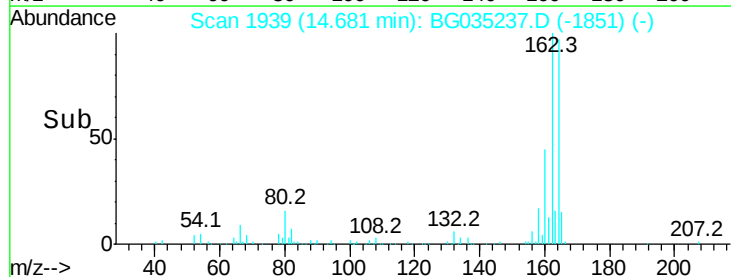
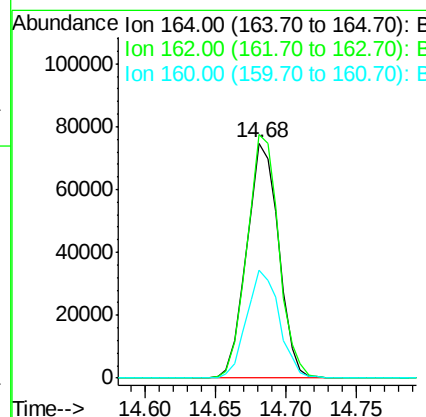
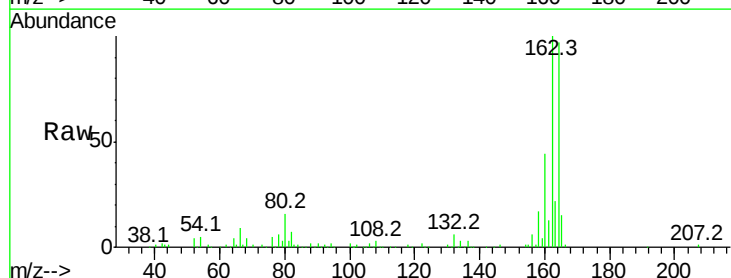
Instrument :
BNA_G
ClientSampled :

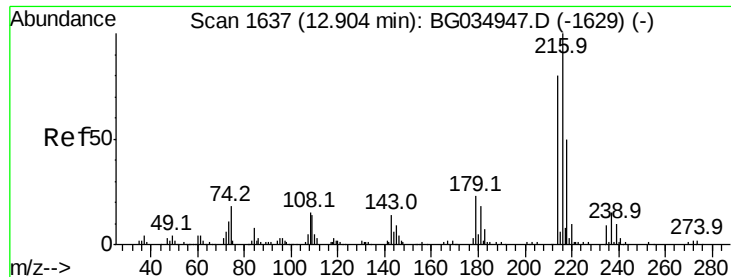
Tot Ion:142 Resp: 335410
Ion Ratio Lower Upper
142 100
141 87.6 67.1 100.7
115 43.8 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

Tgt Ion:164 Resp: 119147
Ion Ratio Lower Upper
164 100
162 103.6 78.8 118.2
160 46.1 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.171 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 231535

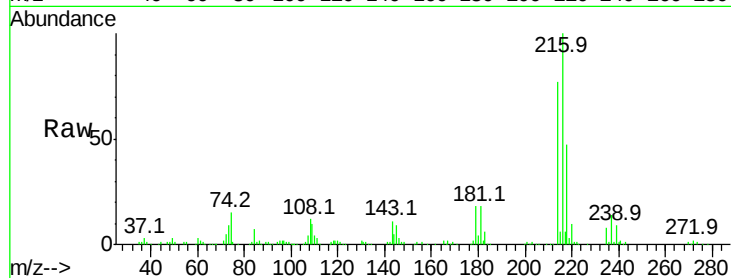
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 19.6 17.0 25.6

108 15.7 12.8 19.2

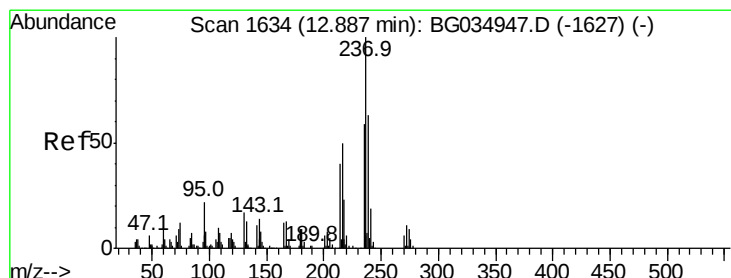
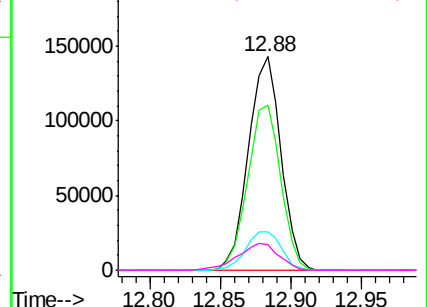
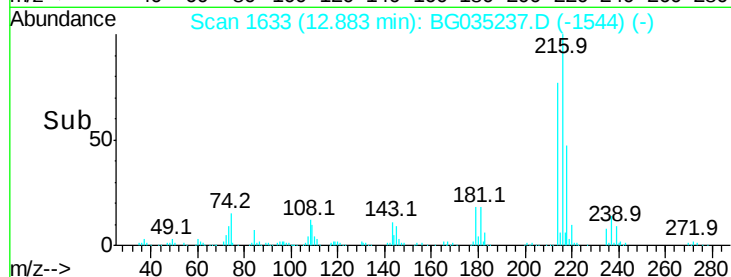


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 107.811 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

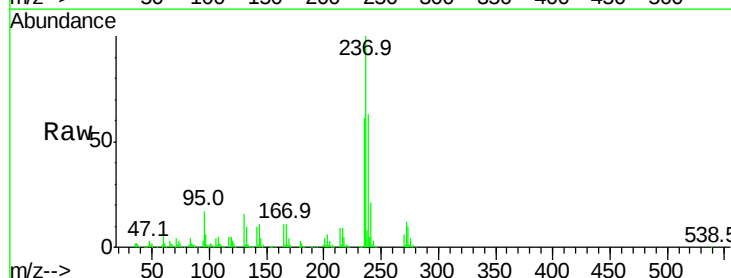
Tgt Ion:237 Resp: 300041

Ion Ratio Lower Upper

237 100

235 60.7 50.4 90.4

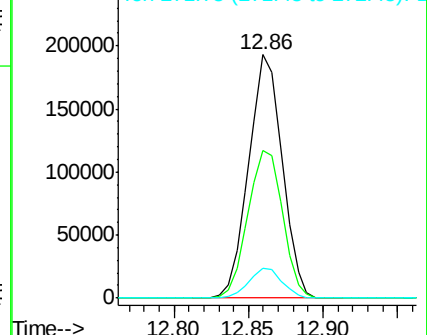
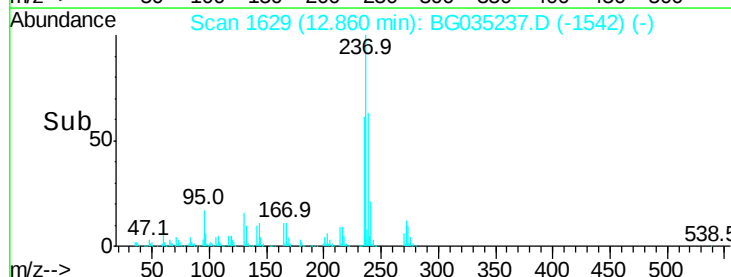
272 12.2 0.0 31.8

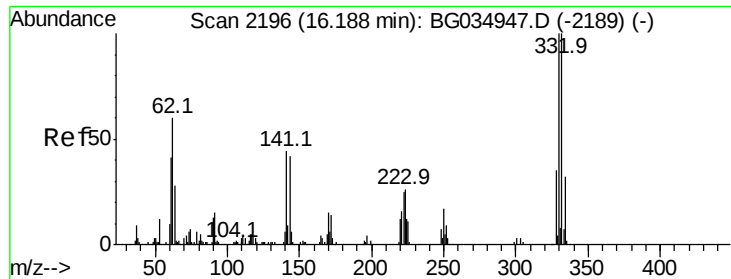


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

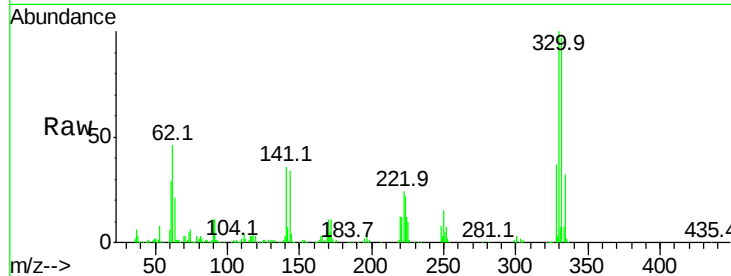




#41
 2,4,6-Tribromophenol
 Concen: 184.797 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	36.9	25.2	37.8

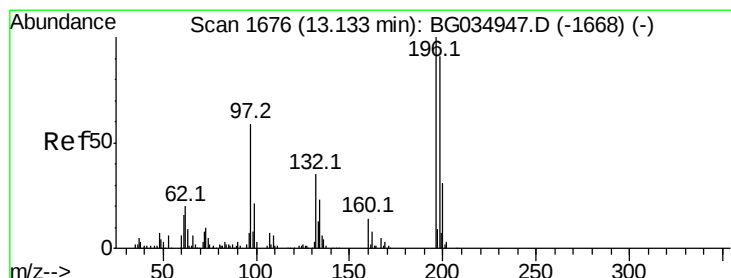
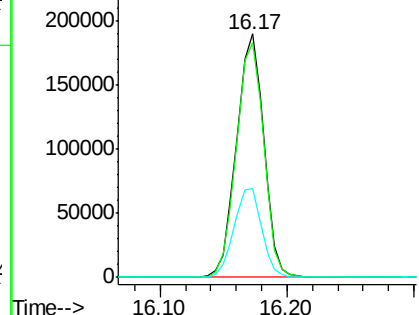
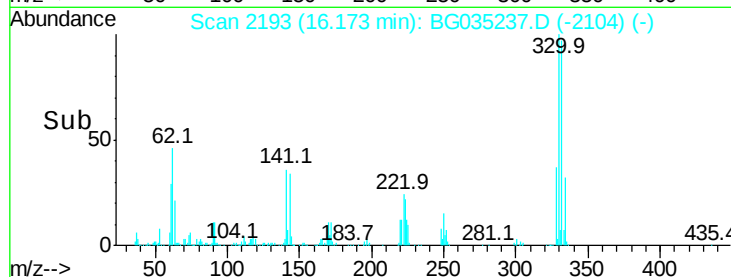


Abundance

Ion 329.80 (329.50 to 330.50): E

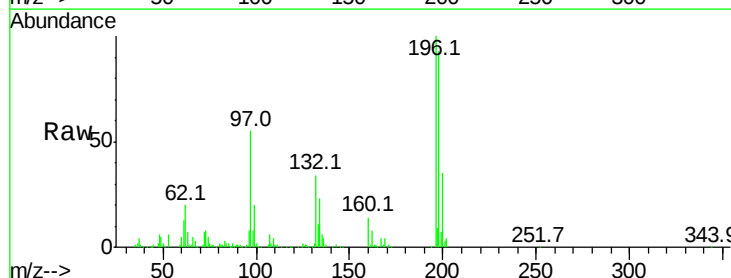
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 56.246 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	78.2	117.2
200	35.2	24.6	36.8

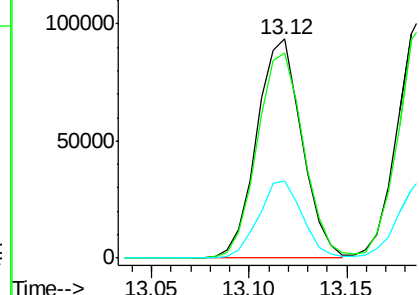
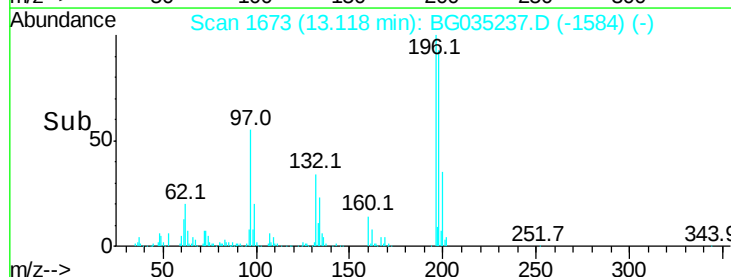


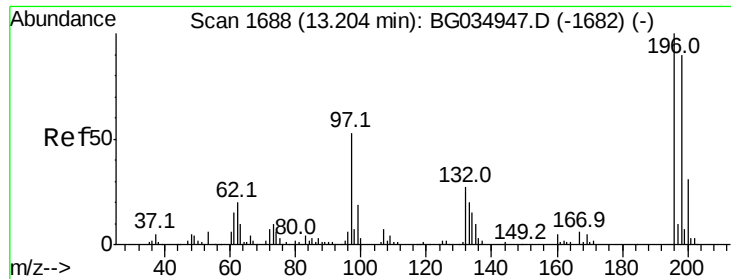
Abundance

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

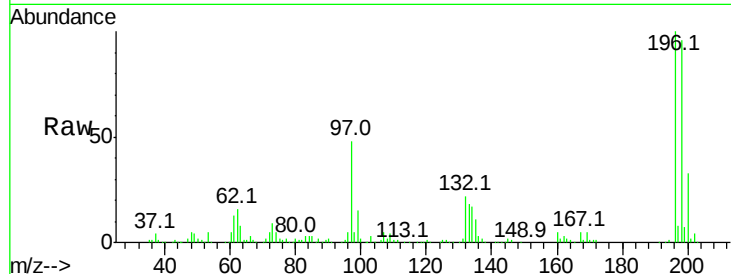




#43
 2,4,5-Trichlorophenol
 Concen: 58.684 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.4
97	47.5	38.7	58.1
132	22.1	20.2	30.2



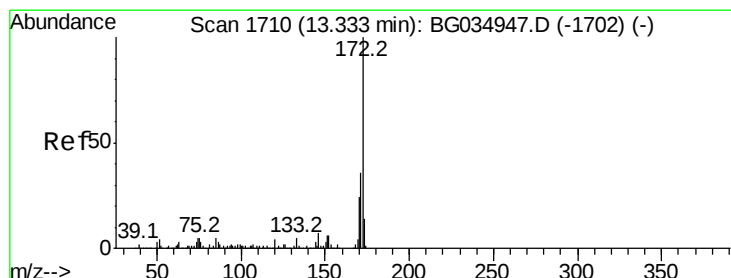
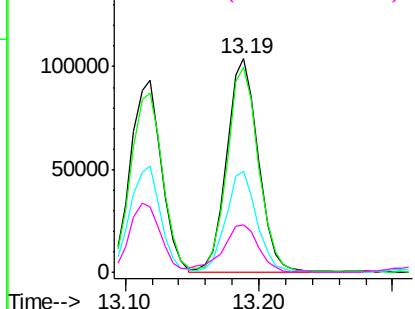
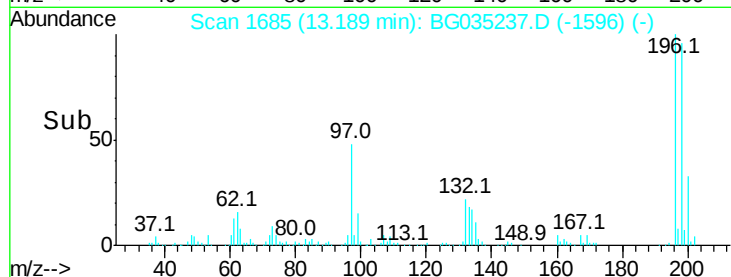
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

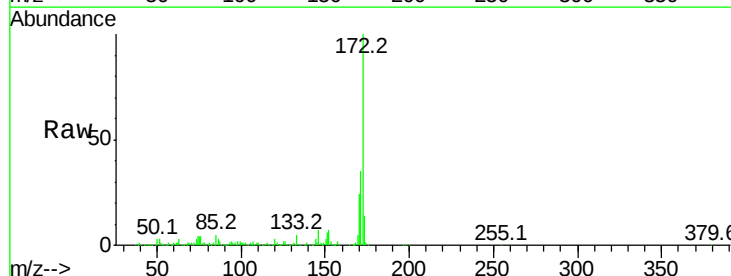
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.261 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	23.7	19.5	29.3

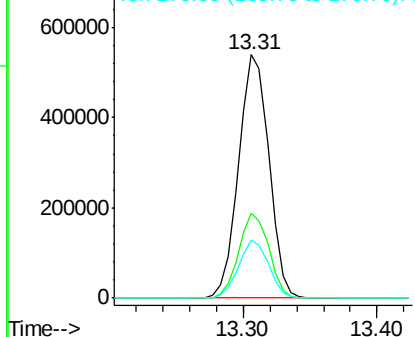
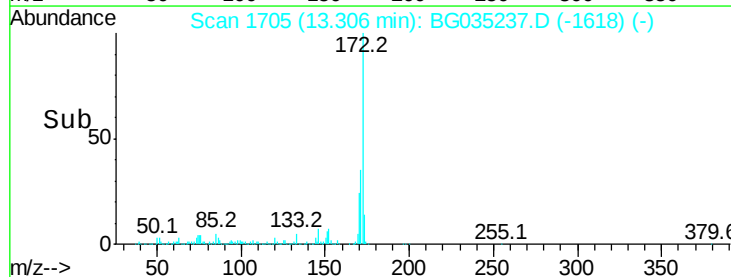


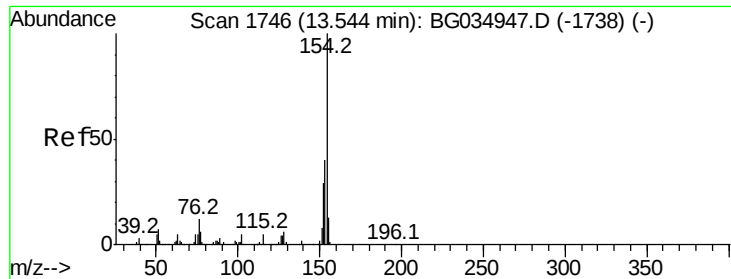
Abundance

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: 48.220 ng

RT: 13.52 min Scan# 1741

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

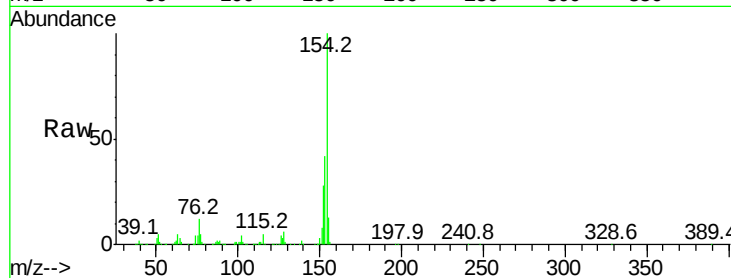
Tot Ion:154 Resp: 461982

Ion Ratio Lower Upper

154 100

153 42.5 19.8 59.8

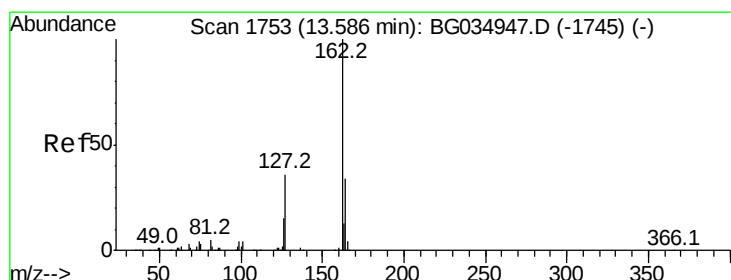
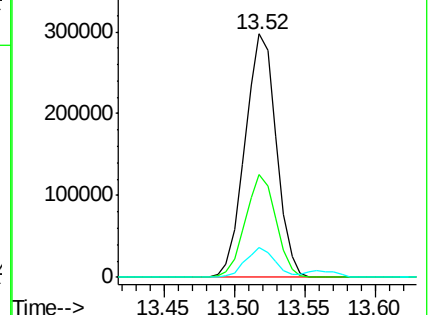
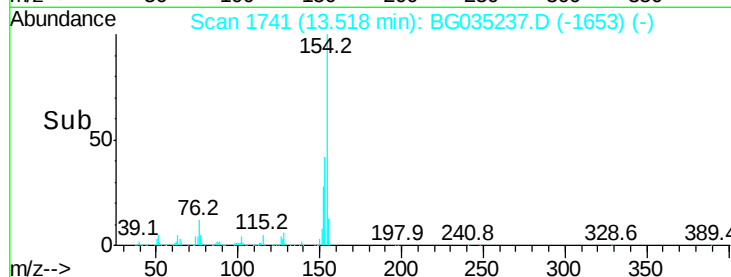
76 12.3 0.0 31.9



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: 50.103 ng

RT: 13.56 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

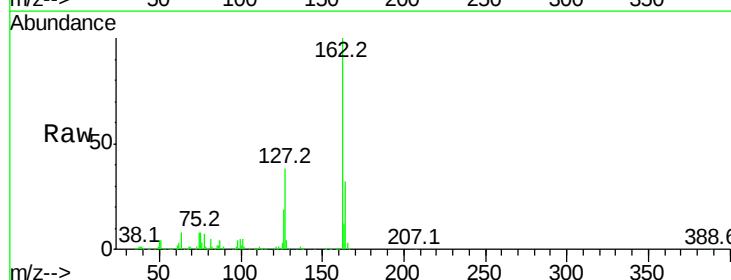
Tgt Ion:162 Resp: 362924

Ion Ratio Lower Upper

162 100

127 37.5 30.7 46.1

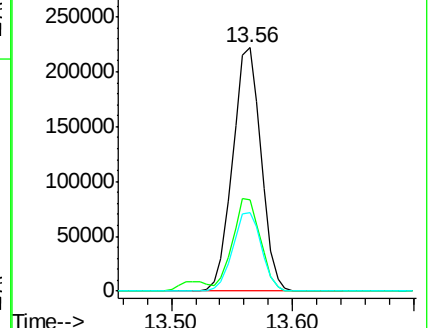
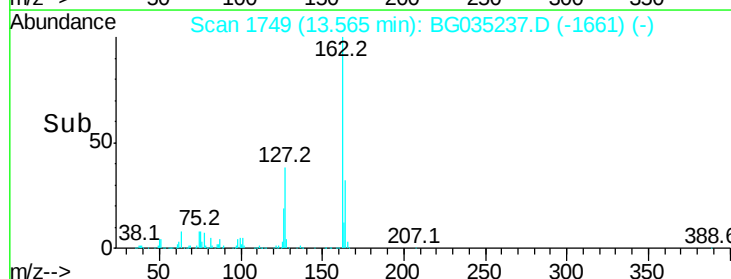
164 32.4 26.0 39.0

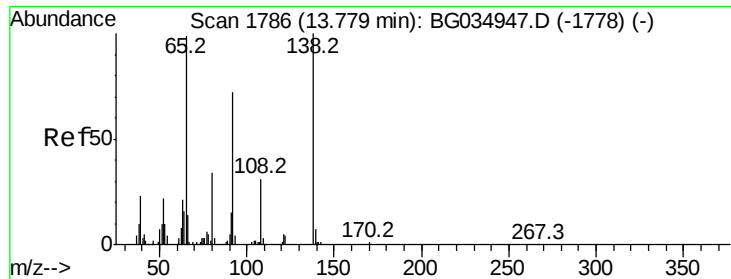


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 61.153 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

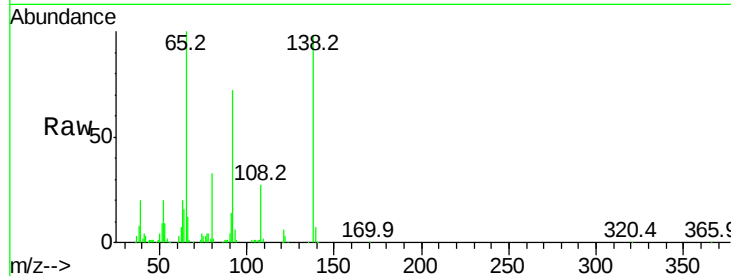
Tot Ion: 65 Resp: 130803

Ion Ratio Lower Upper

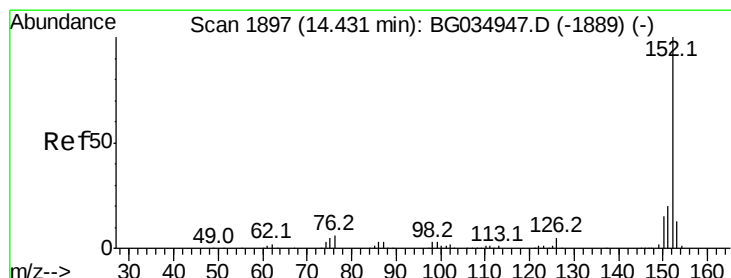
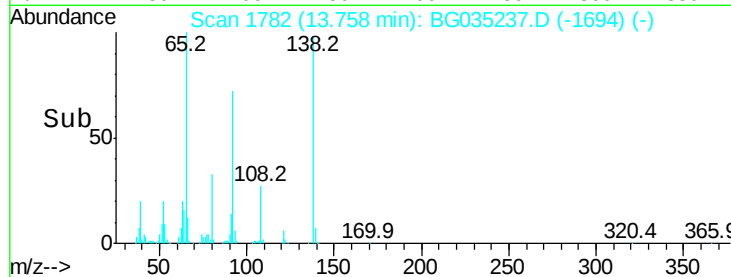
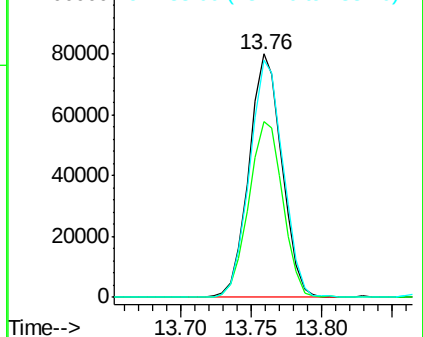
65 100

92 72.0 54.6 82.0

138 97.6 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 51.121 ng

RT: 14.40 min Scan# 1892

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

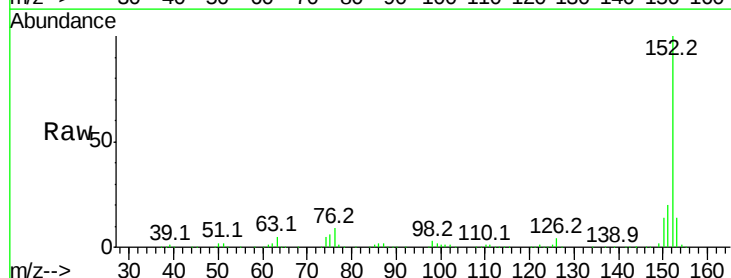
Tgt Ion: 152 Resp: 620912

Ion Ratio Lower Upper

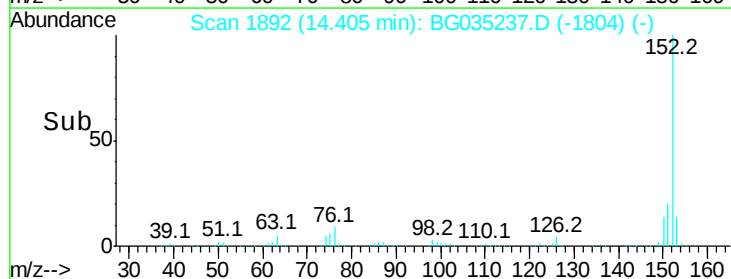
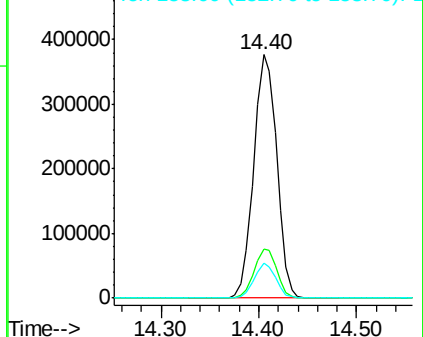
152 100

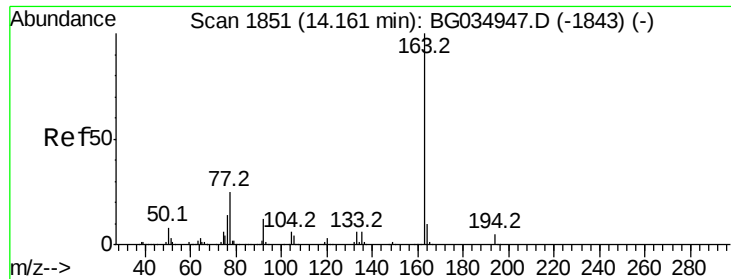
151 20.3 17.2 25.8

153 14.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 50.490 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

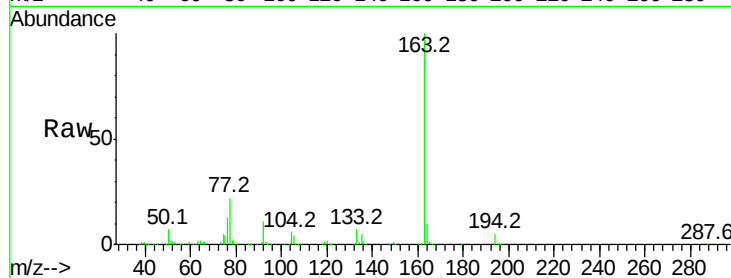
Tot Ion:163 Resp: 524588

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

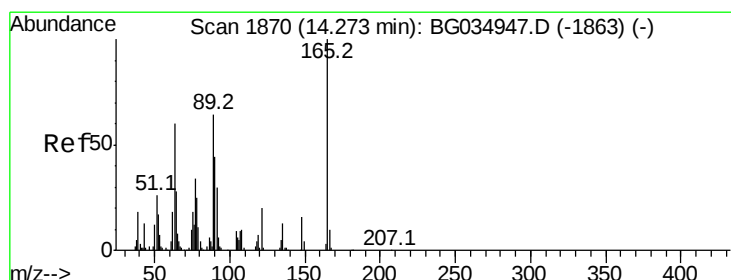
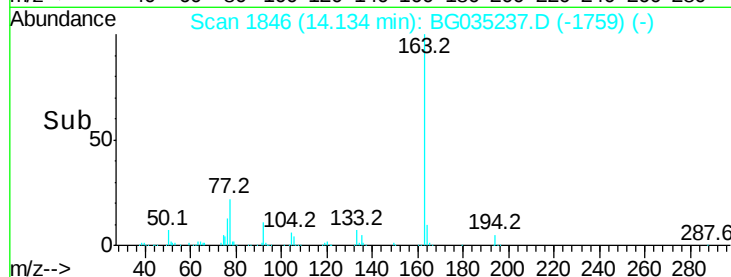
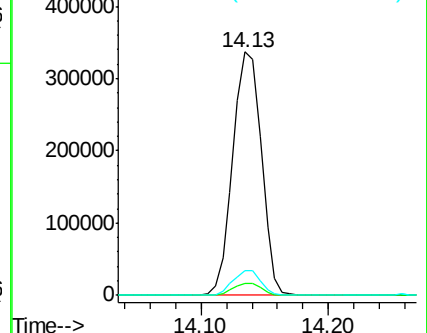
164 9.9 8.2 12.4



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: 63.445 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

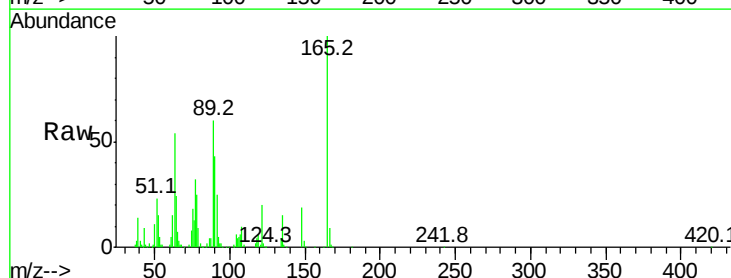
Tgt Ion:165 Resp: 120259

Ion Ratio Lower Upper

165 100

63 53.7 52.7 79.1

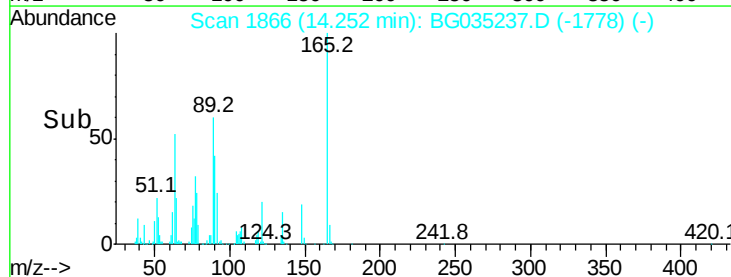
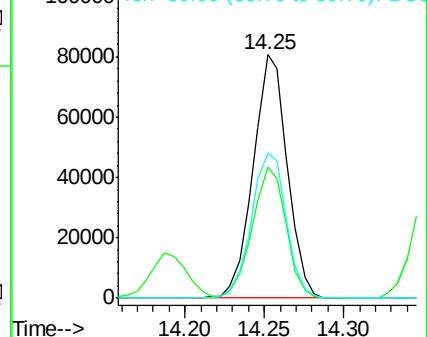
89 59.6 49.2 73.8

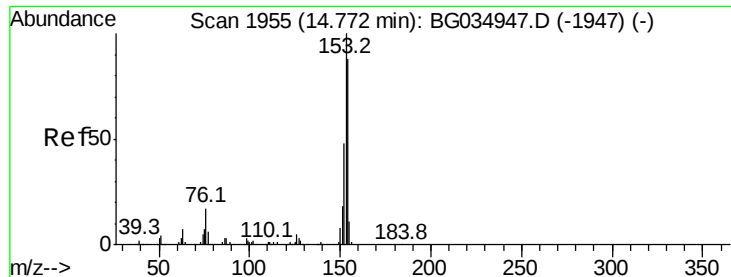


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 47.554 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

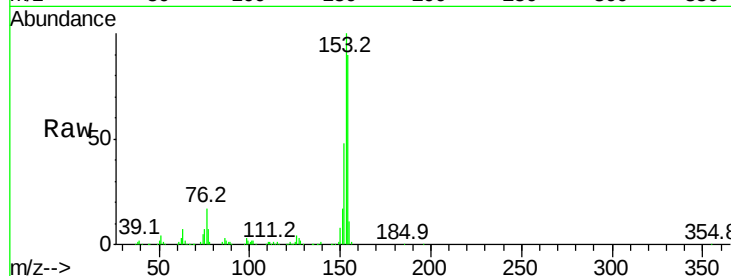
Tot Ion:154 Resp: 377379

Ion Ratio Lower Upper

154 100

153 111.3 90.4 135.6

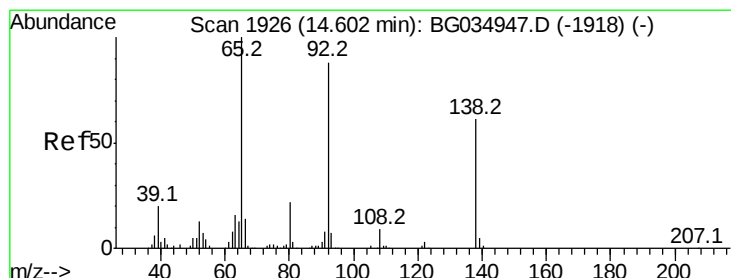
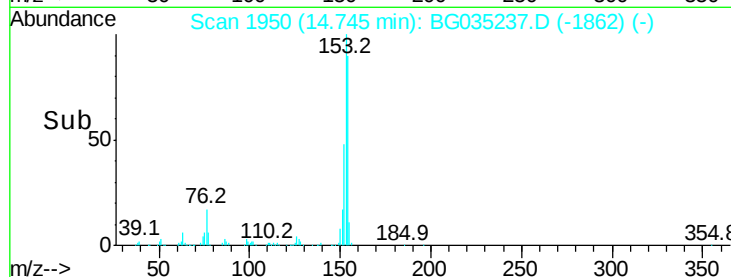
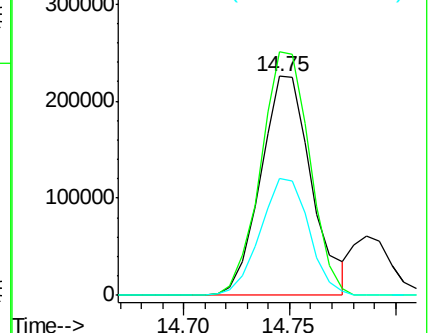
152 53.3 41.6 62.4



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: 40.096 ng

RT: 14.59 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

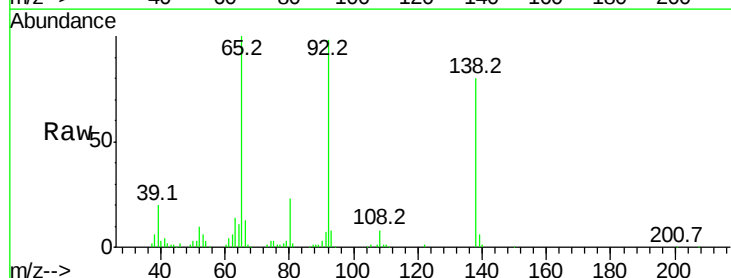
Tgt Ion:138 Resp: 74577

Ion Ratio Lower Upper

138 100

108 10.6 17.5 26.3#

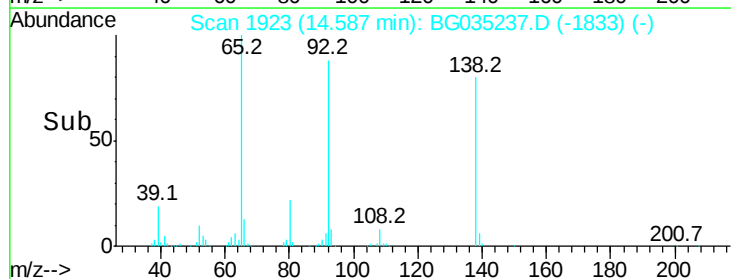
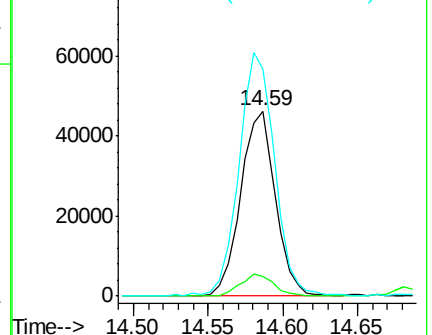
92 122.5 105.8 158.8

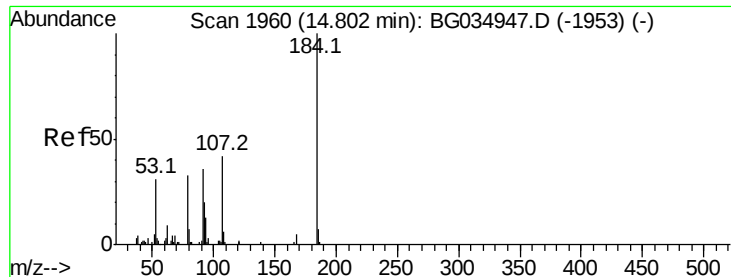


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

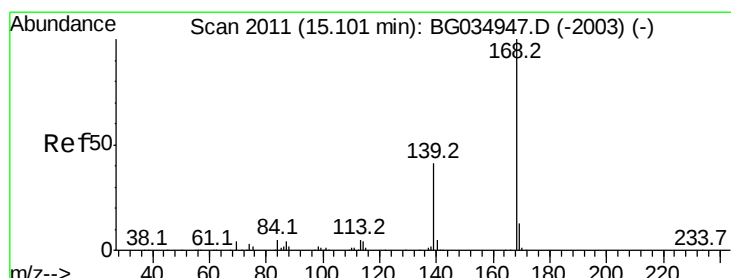
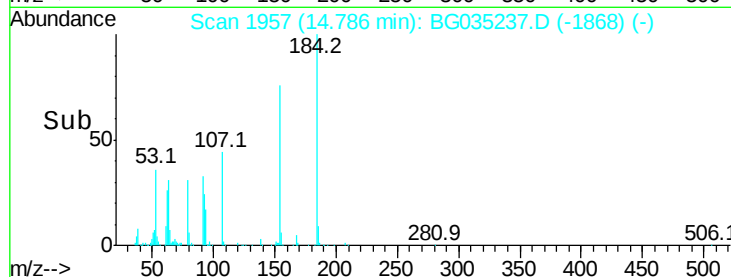
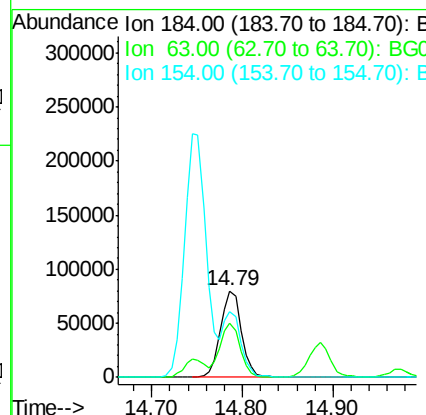
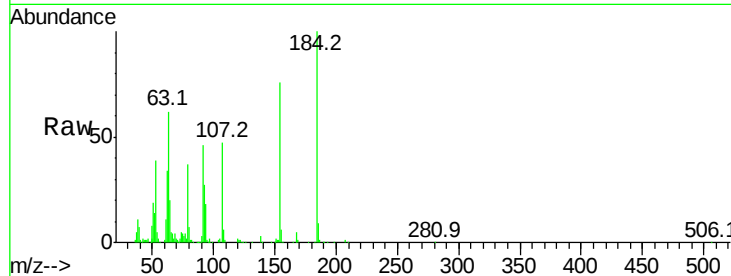




#53
2,4-Dinitrophenol
Concen: 168.153 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

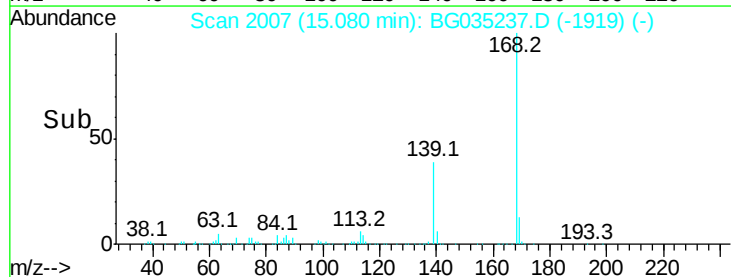
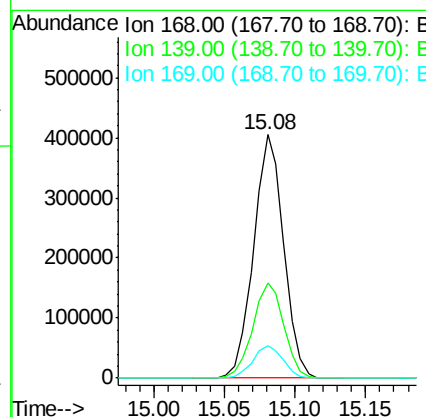
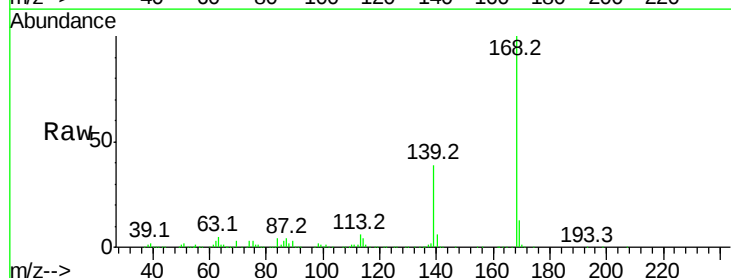
Instrument :
BNA_G
ClientSampleId :

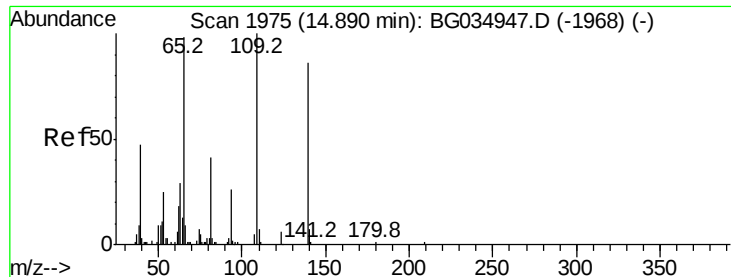
Tot Ion:184 Resp: 128992
Ion Ratio Lower Upper
184 100
63 62.3 59.8 89.8
154 75.8 101.8 152.8#



#54
Dibenzofuran
Concen: 50.865 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

Tgt Ion:168 Resp: 604549
Ion Ratio Lower Upper
168 100
139 38.8 28.6 43.0
169 13.2 11.2 16.8

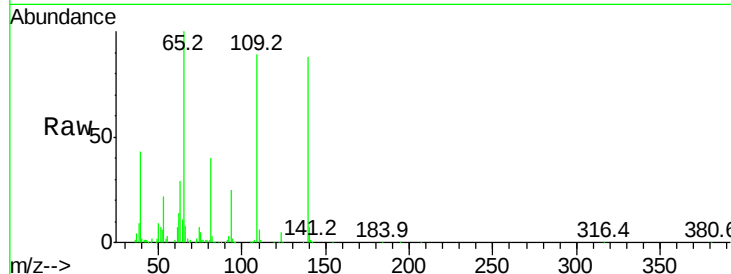




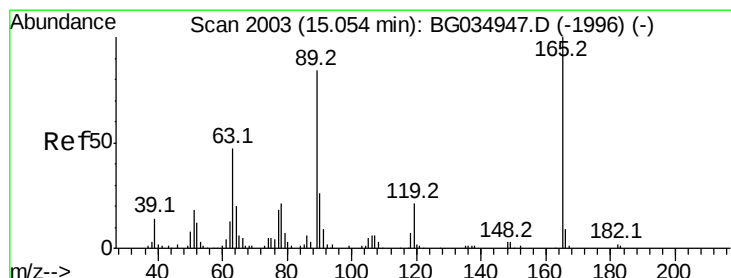
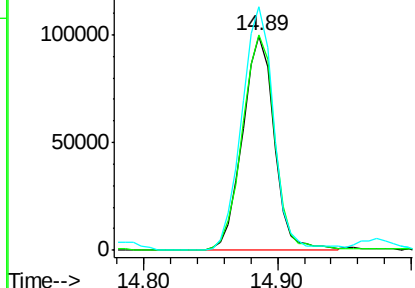
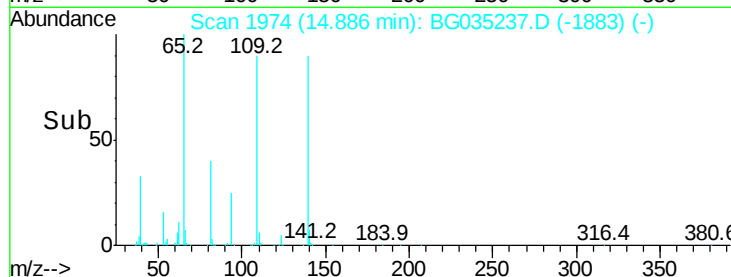
#55
4-Nitrophenol
Concen: 103.598 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 162623
Ion Ratio Lower Upper
139 100
109 100.9 62.2 102.2
65 113.7 97.2 137.2

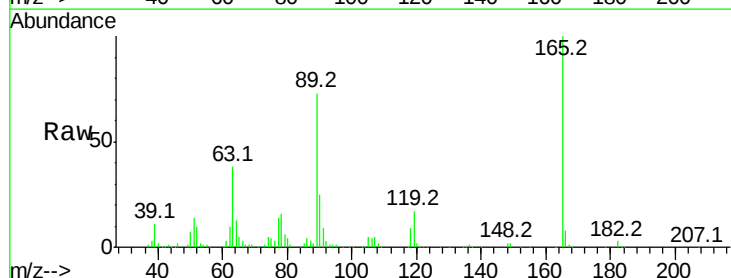


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

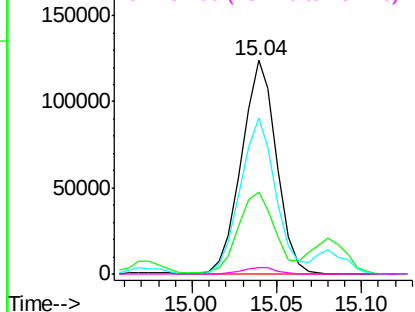
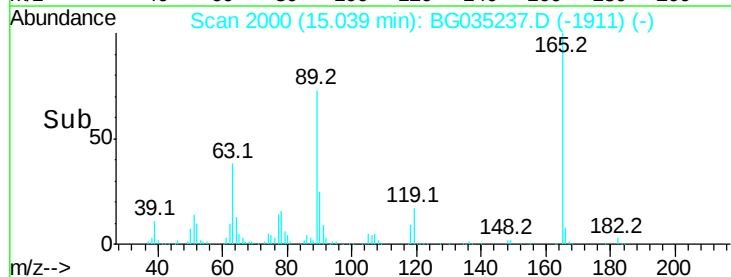


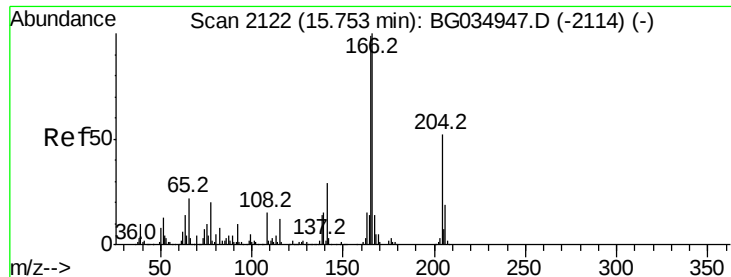
#56
2,4-Dinitrotoluene
Concen: 70.568 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

Tgt Ion:165 Resp: 177687
Ion Ratio Lower Upper
165 100
63 38.1 42.0 63.0#
89 73.0 66.9 100.3
182 2.7 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: 51.097 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

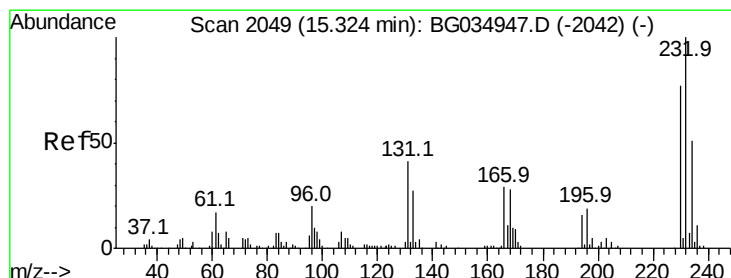
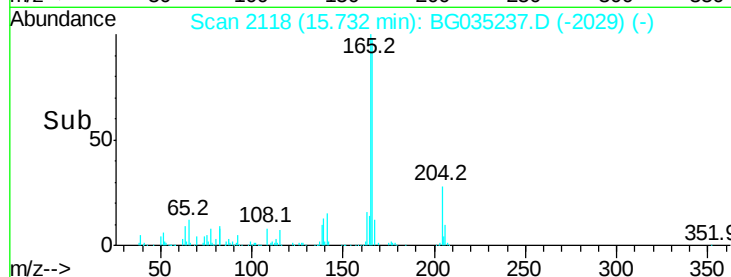
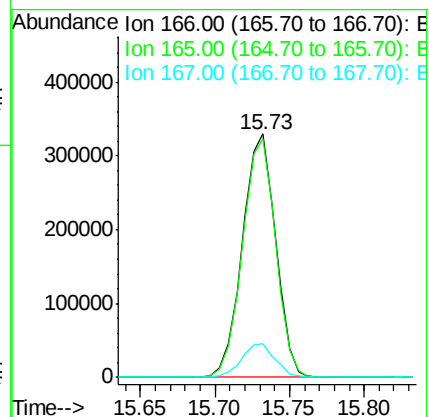
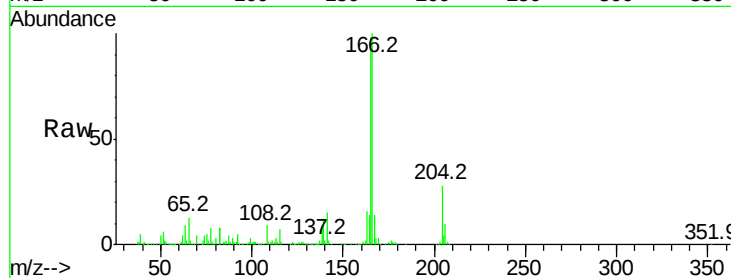
Tot Ion:166 Resp: 507550

Ion Ratio Lower Upper

166 100

165 97.8 80.6 121.0

167 13.7 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.776 ng

RT: 15.30 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Tgt Ion:232 Resp: 172206

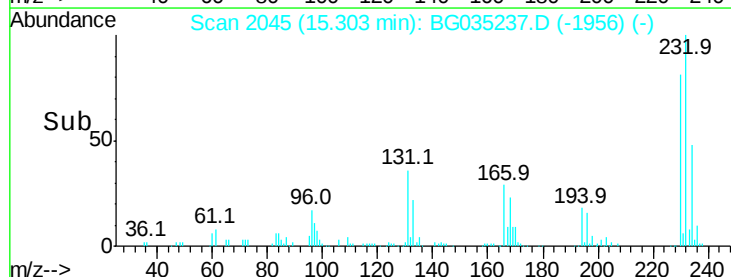
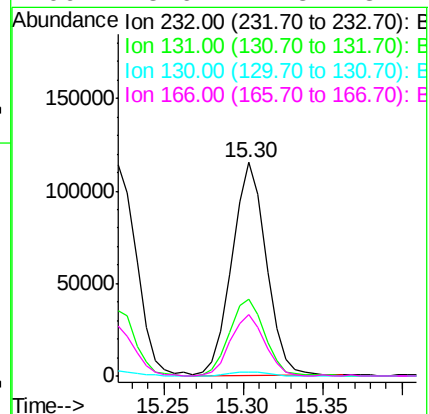
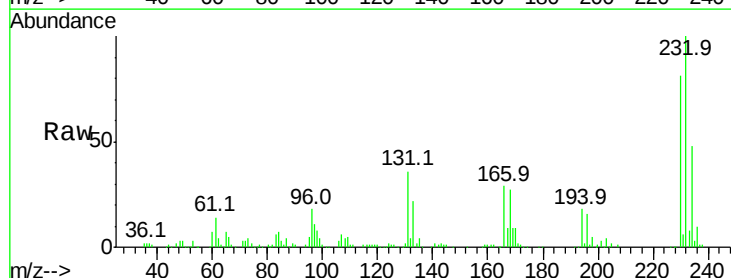
Ion Ratio Lower Upper

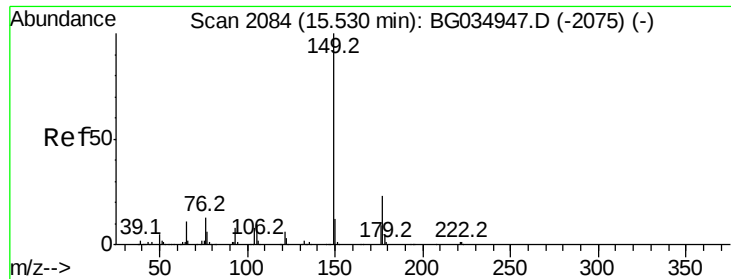
232 100

131 37.1 33.5 50.3

130 2.2 2.2 3.2

166 28.6 24.8 37.2

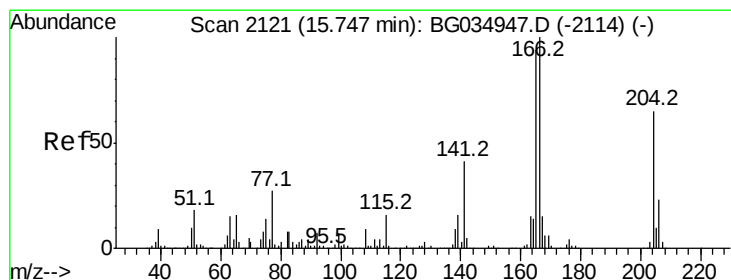
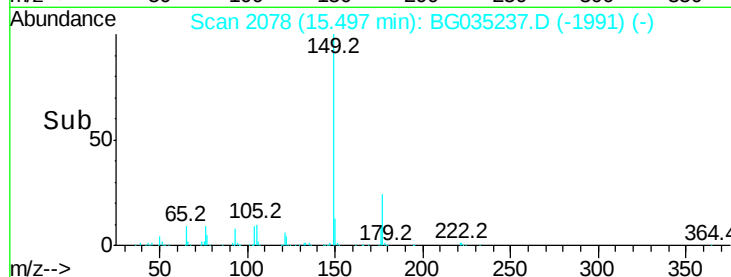
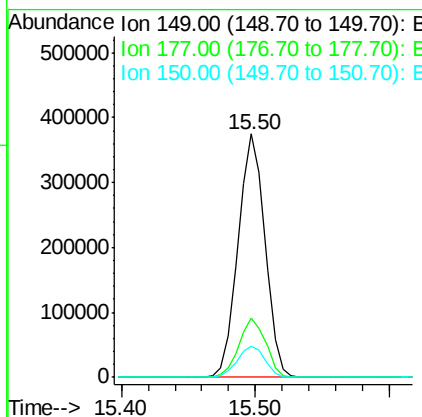
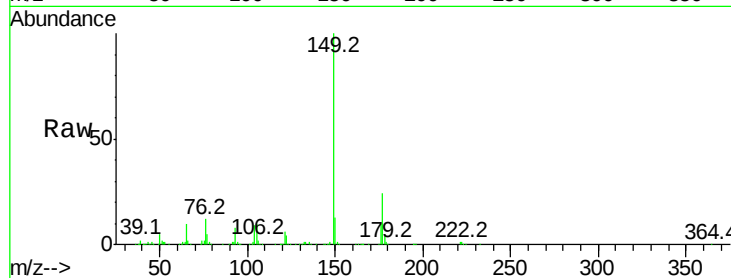




#59
Diethylphthalate
Concen: 49.147 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

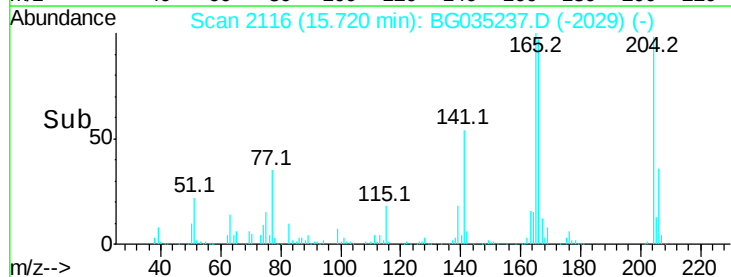
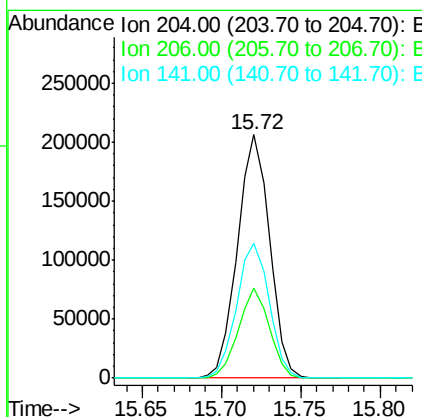
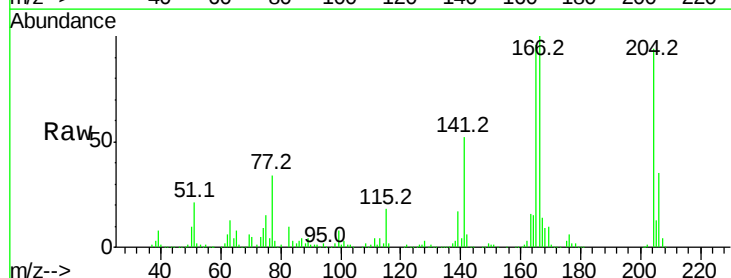
Instrument :
BNA_G
ClientSampleId :

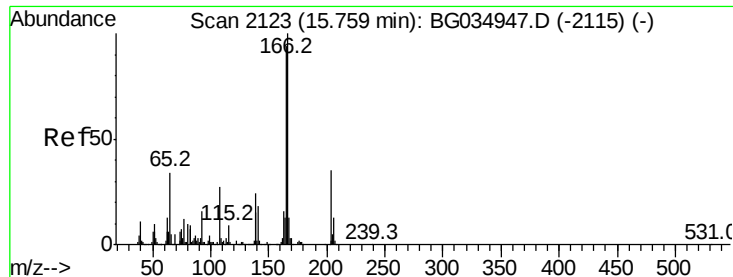
Tot Ion:149 Resp: 520978
Ion Ratio Lower Upper
149 100
177 24.1 18.5 27.7
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 51.092 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

Tgt Ion:204 Resp: 289389
Ion Ratio Lower Upper
204 100
206 36.7 26.2 39.2
141 55.3 45.8 68.6

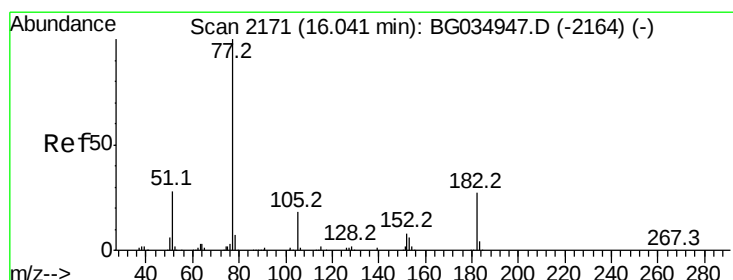
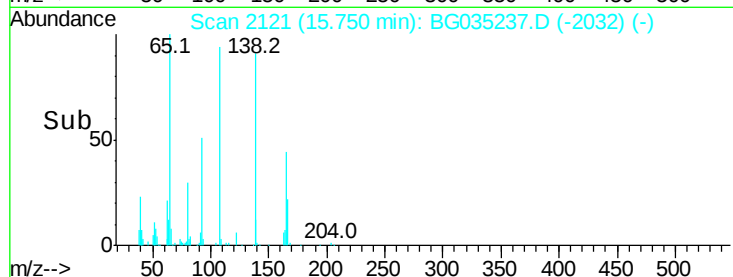
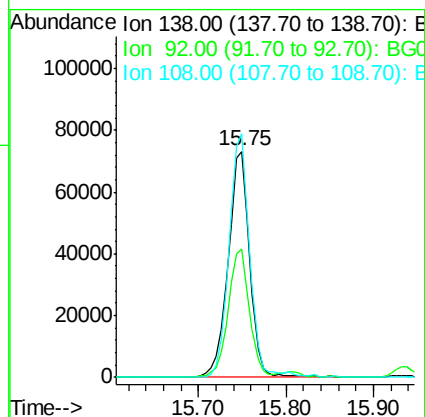
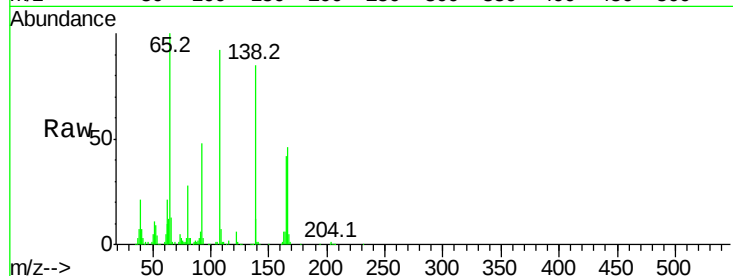




#61
4-Nitroaniline
Concen: 62.125 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

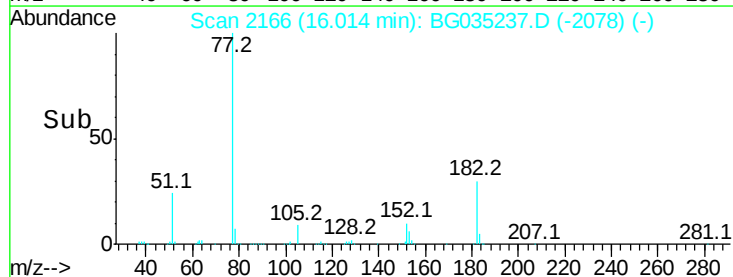
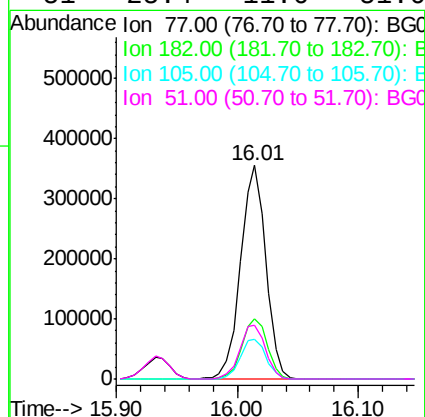
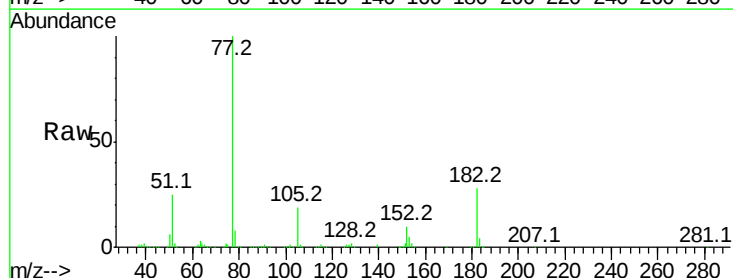
Instrument :
BNA_G
ClientSampleId :

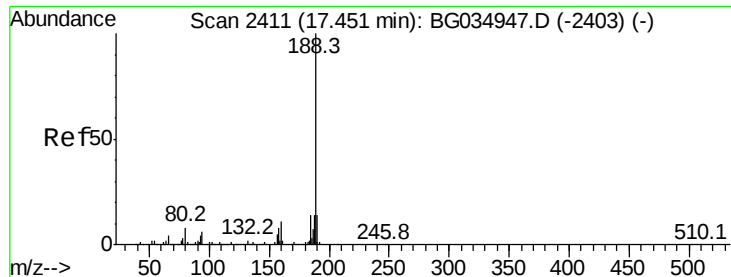
Tot Ion:138 Resp: 123921
Ion Ratio Lower Upper
138 100
92 56.6 40.1 80.1
108 107.6 65.4 105.4#



#62
Azobenzene
Concen: 49.678 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

Tgt Ion: 77 Resp: 516043
Ion Ratio Lower Upper
77 100
182 28.5 7.4 47.4
105 18.8 0.3 40.3
51 25.4 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

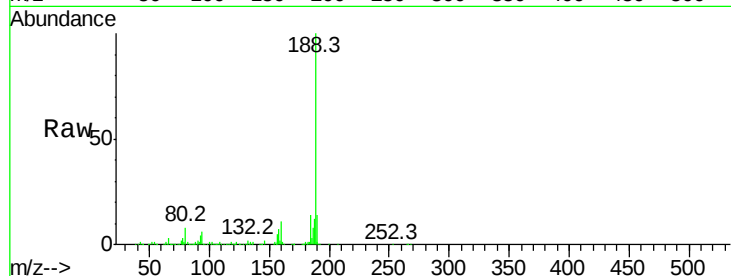
Tot Ion:188 Resp: 321457

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

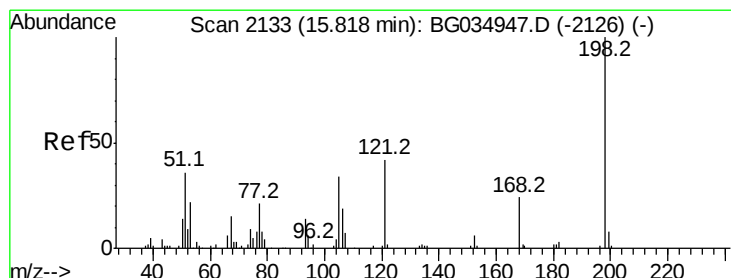
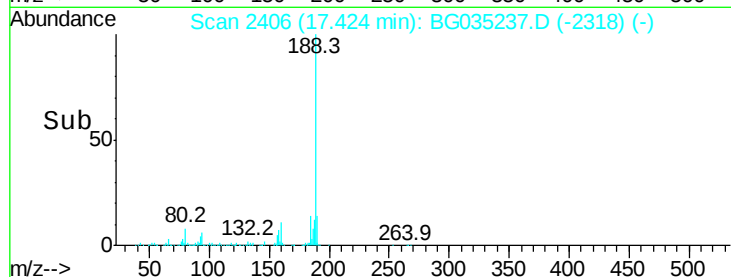
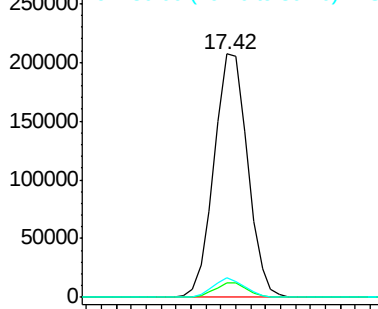
80 8.2 7.7 11.5



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: 68.914 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

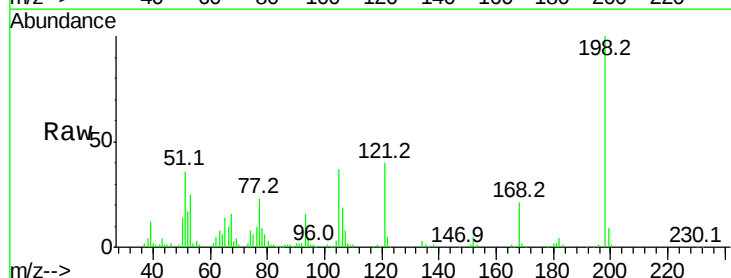
Tgt Ion:198 Resp: 101144

Ion Ratio Lower Upper

198 100

51 35.7 30.6 70.6

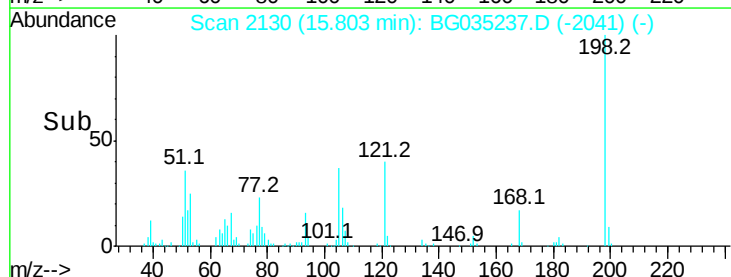
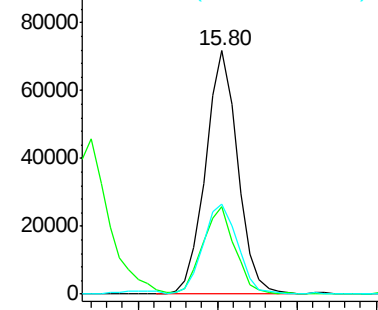
105 37.1 23.8 63.8

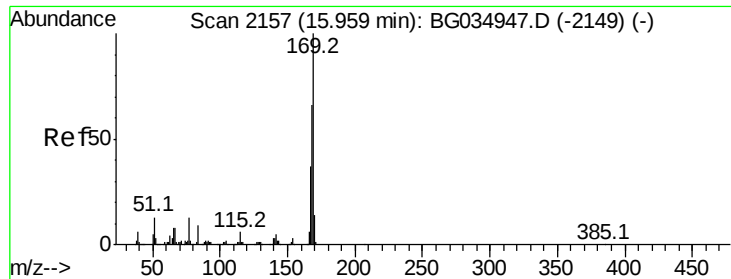


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.547 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

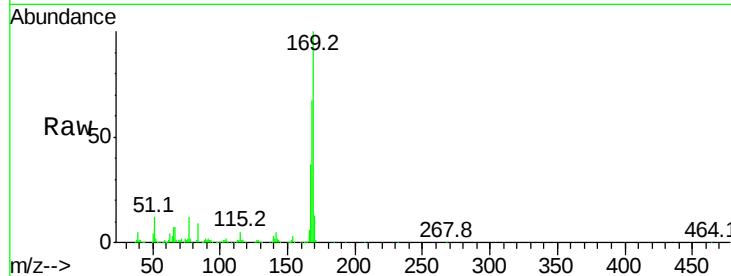
Tot Ion:169 Resp: 459004

Ion Ratio Lower Upper

169 100

168 66.5 55.7 83.5

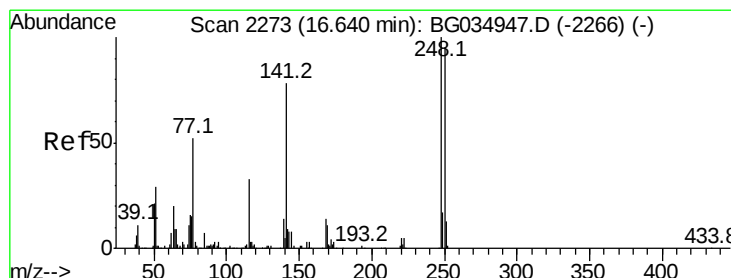
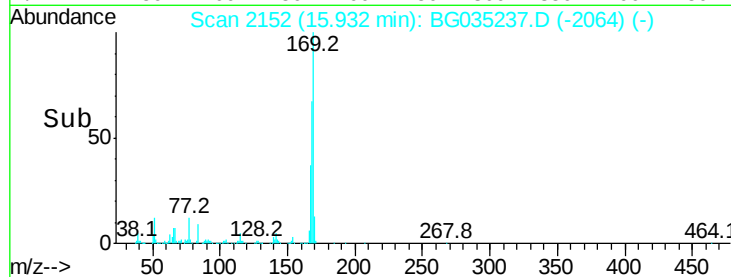
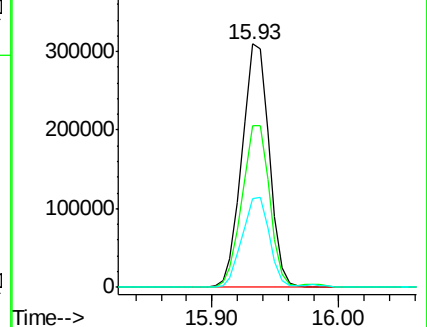
167 36.6 30.1 45.1



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: 52.273 ng

RT: 16.61 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

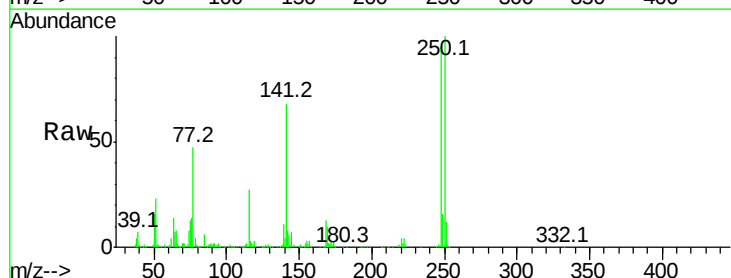
Tgt Ion:248 Resp: 202355

Ion Ratio Lower Upper

248 100

250 105.5 77.1 115.7

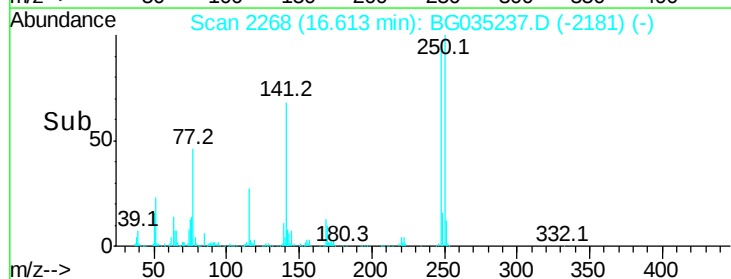
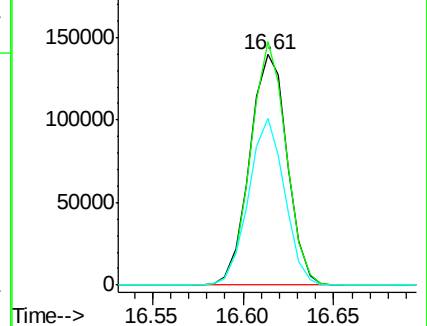
141 72.2 50.8 76.2

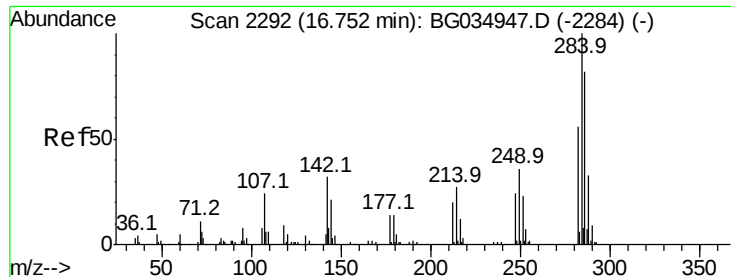


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 52.304 ng

RT: 16.73 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

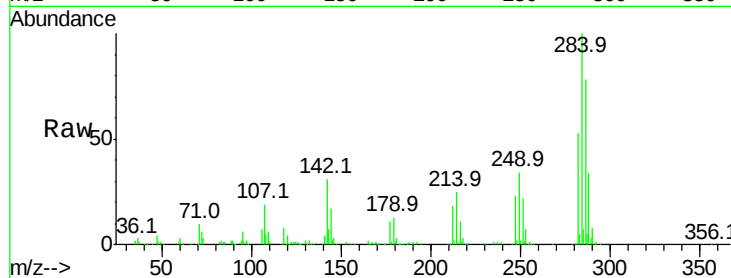
Instrument :

BNA_G

ClientSampleId :

Tot Ion:284 Resp: 206085

Ion	Ratio	Lower	Upper
284	100		
142	30.6	26.8	40.2
249	33.9	26.3	39.5

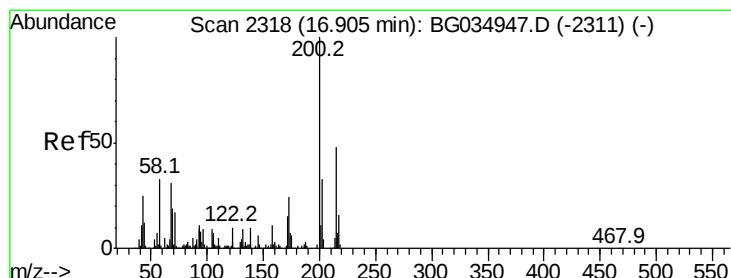
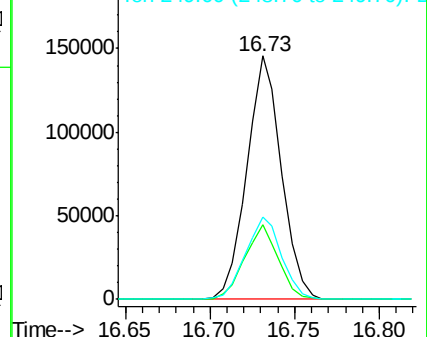
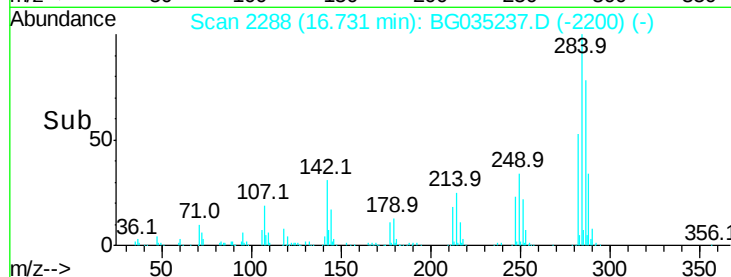


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 51.998 ng

RT: 16.88 min Scan# 2313

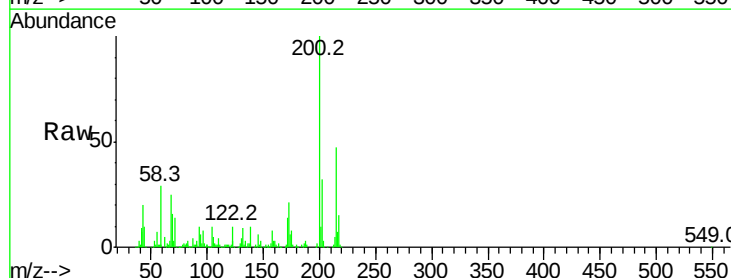
Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Tgt Ion:200 Resp: 214064

Ion	Ratio	Lower	Upper
200	100		
173	21.1	5.2	45.2
215	46.9	30.4	70.4

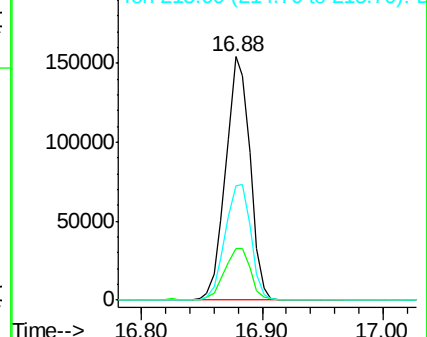
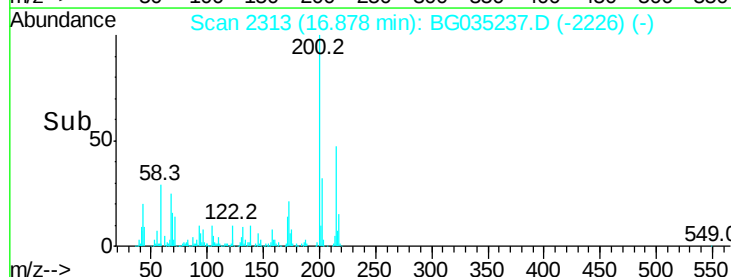


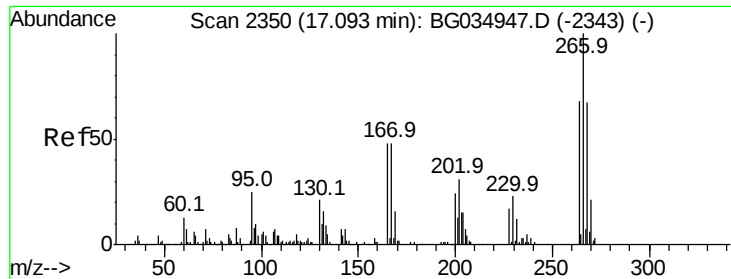
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

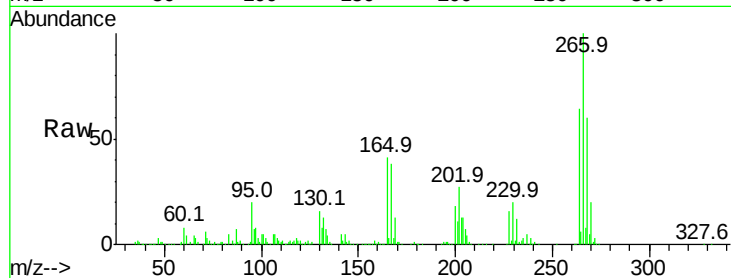




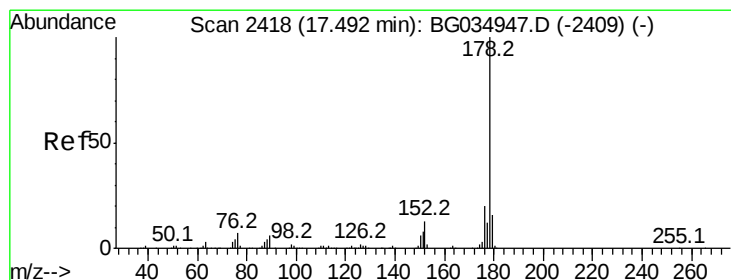
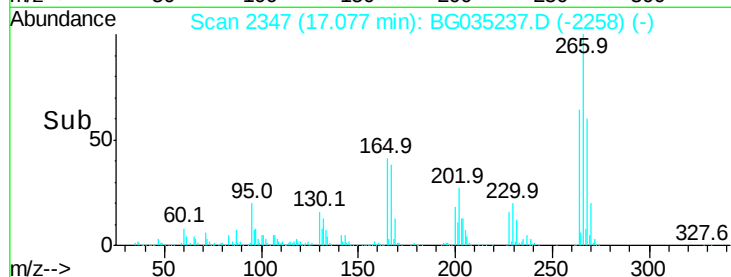
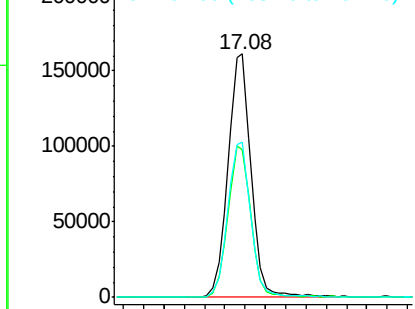
#69
 Pentachlorophenol
 Concen: 96.033 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.4	51.1	76.7
264	63.6	49.6	74.4

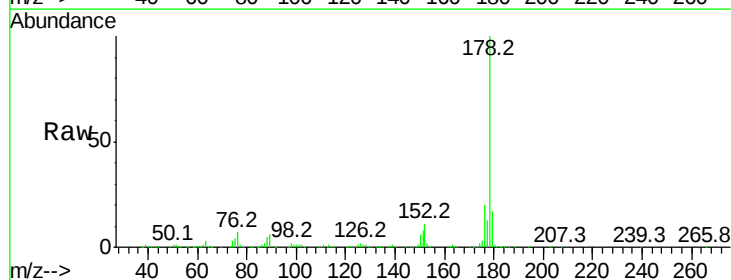


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

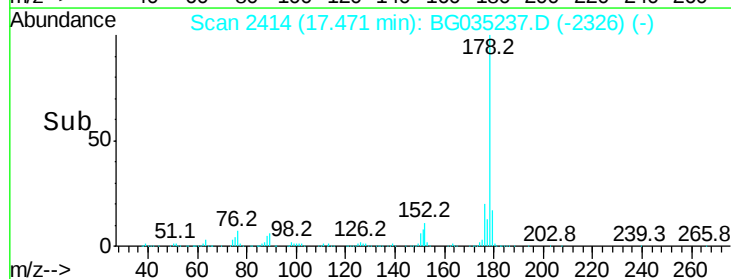
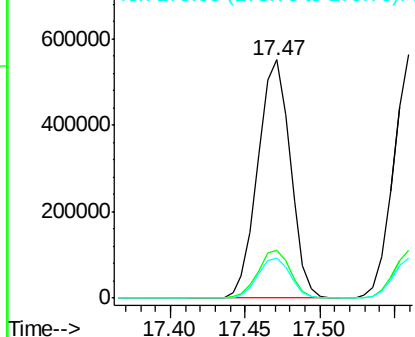


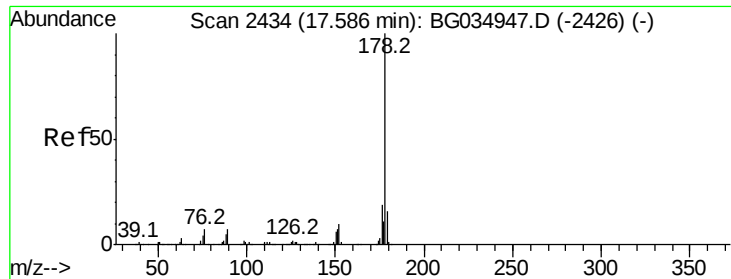
#70
 Phenanthrene
 Concen: 50.931 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.9	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

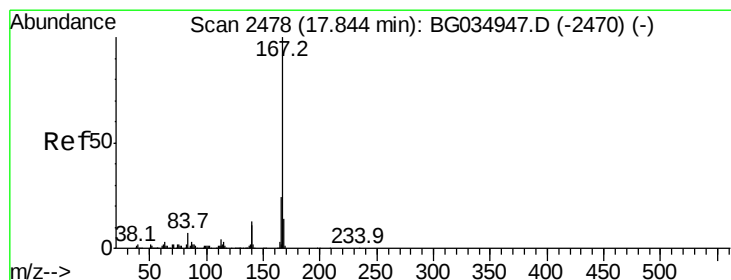
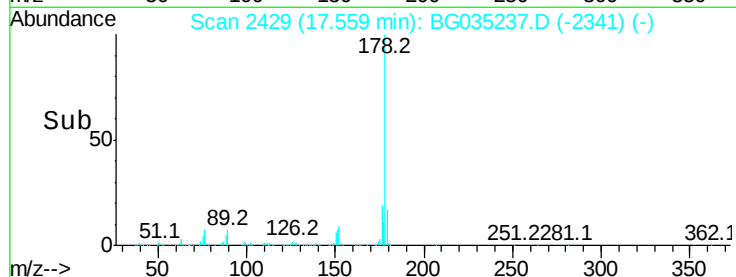
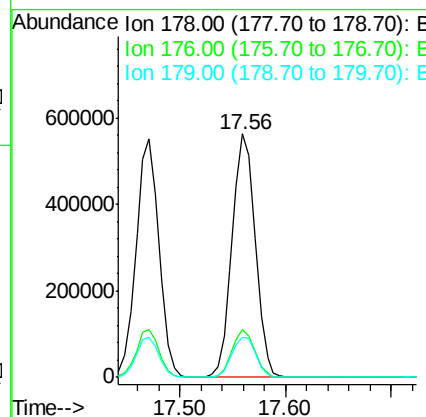
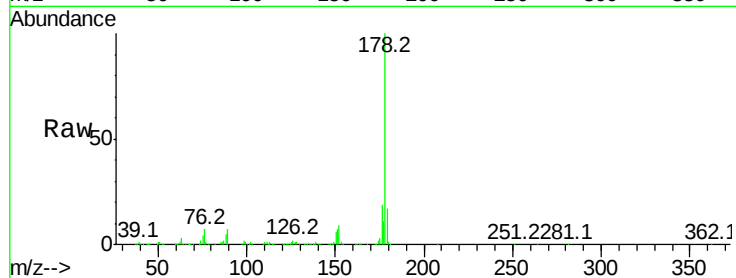




#71
 Anthracene
 Concen: 52.105 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

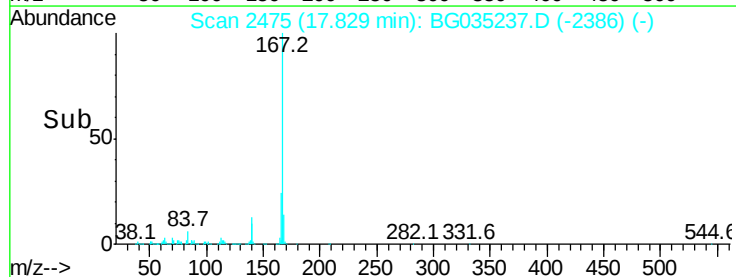
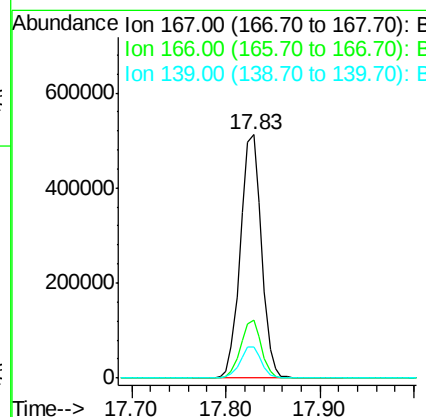
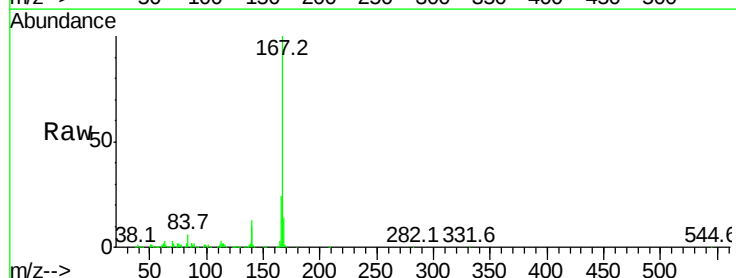
Instrument :
 BNA_G
 ClientSampleId :

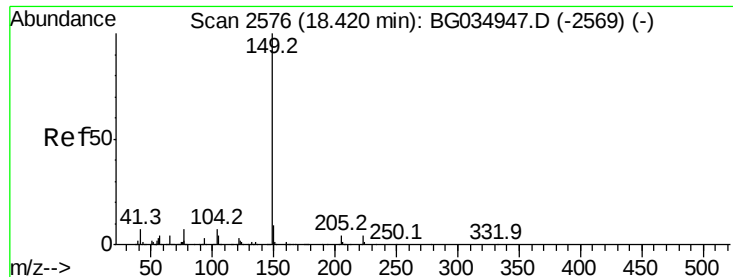
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.7	12.5	18.7



#72
 Carbazole
 Concen: 52.496 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.2	27.4
139	12.6	9.4	14.2





#73

Di-n-butylphthalate

Concen: 49.576 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.03 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

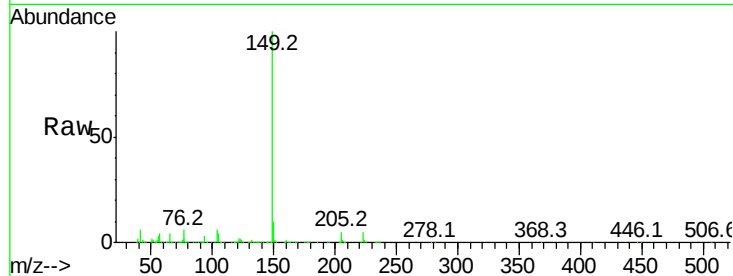
Tot Ion:149 Resp: 896780

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

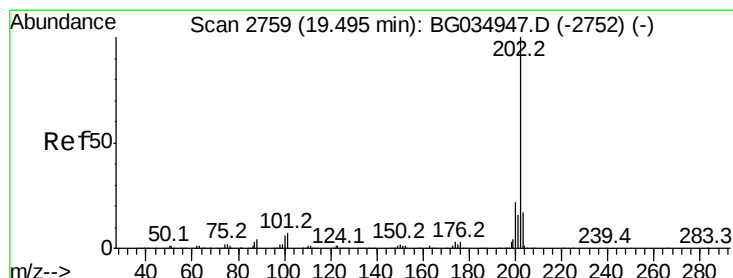
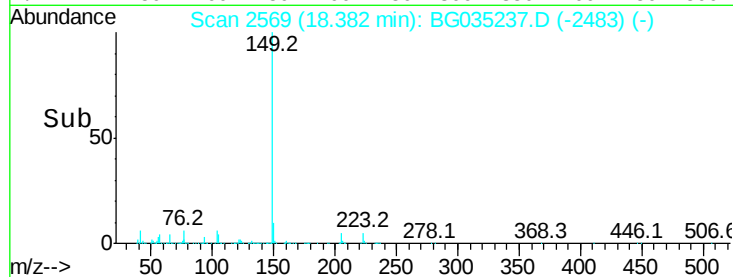
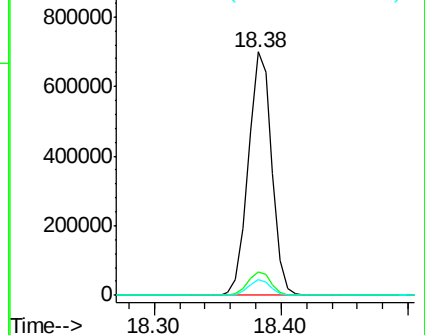
104 6.5 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 52.867 ng

RT: 19.47 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

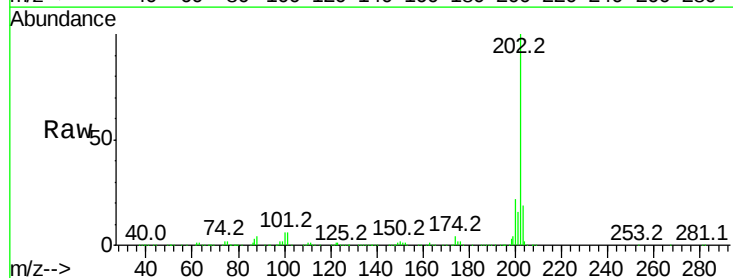
Tgt Ion:202 Resp: 1123355

Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.9

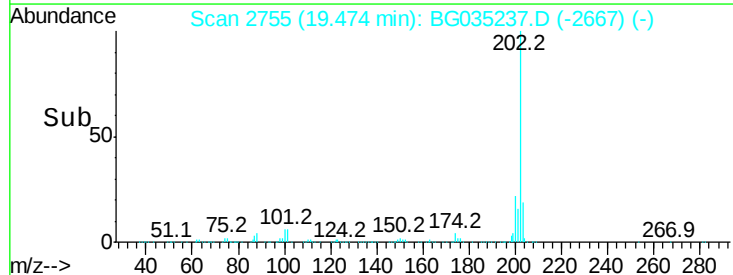
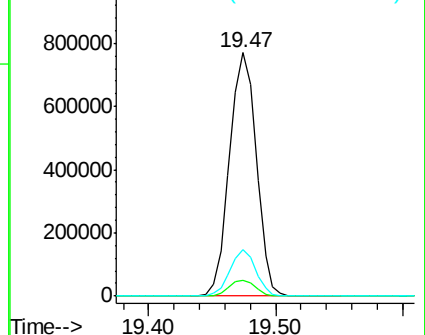
203 19.2 0.0 37.5

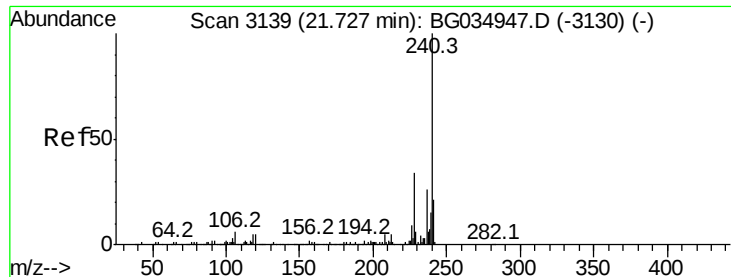


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

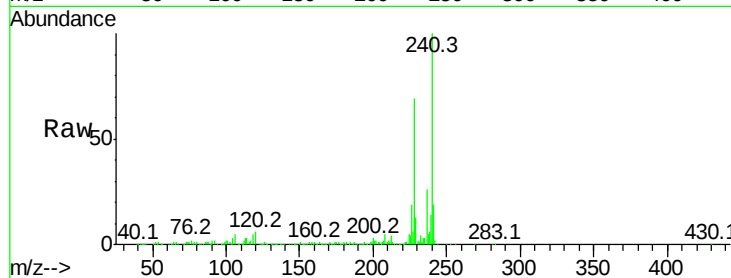
Tot Ion:240 Resp: 370079

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

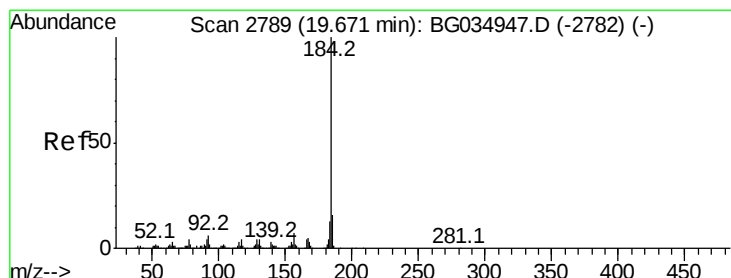
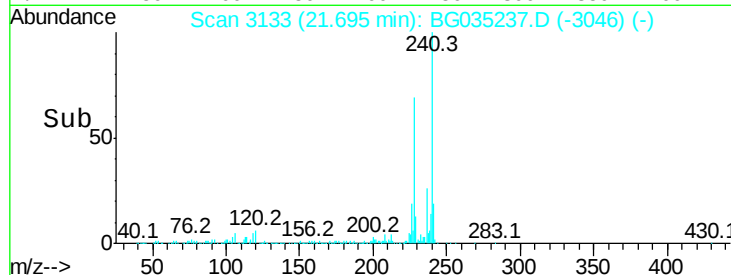
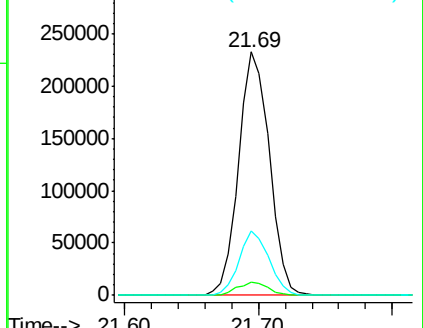
236 26.2 20.9 31.3



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: 11.877 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

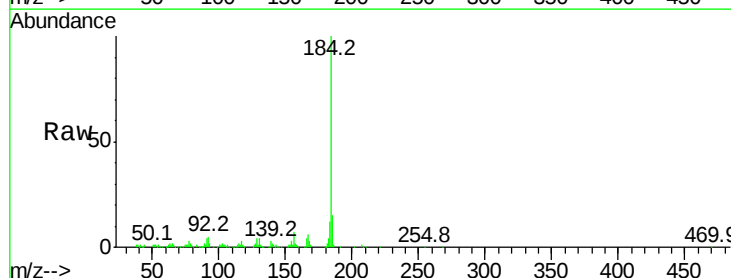
Tgt Ion:184 Resp: 163525

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

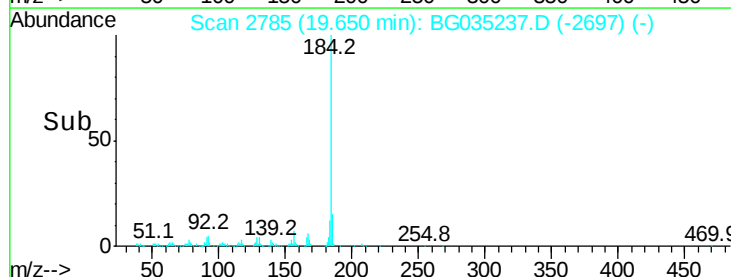
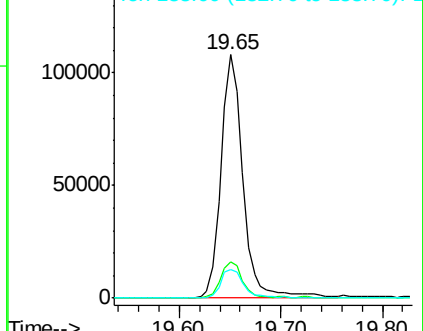
183 11.9 10.6 16.0



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: 46.081 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

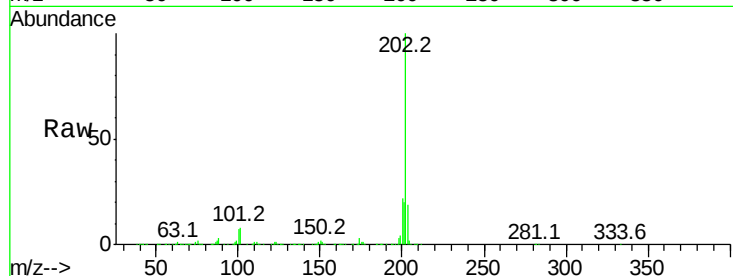
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1124254

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	19.1	13.9	20.9

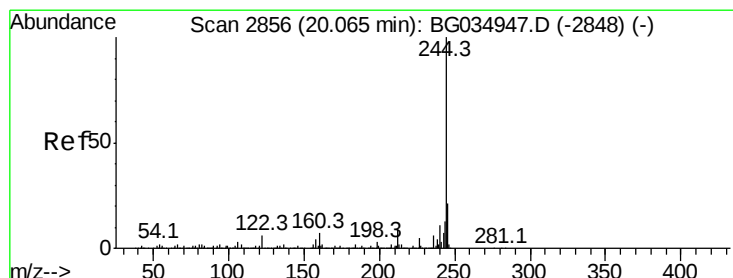
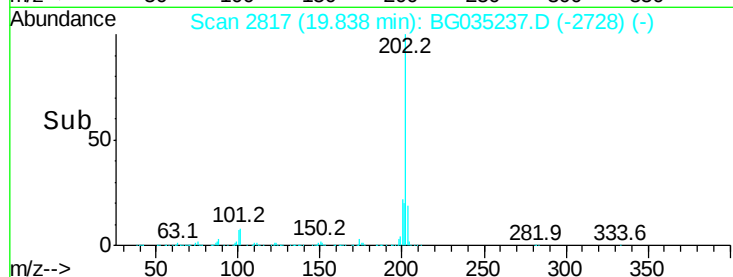
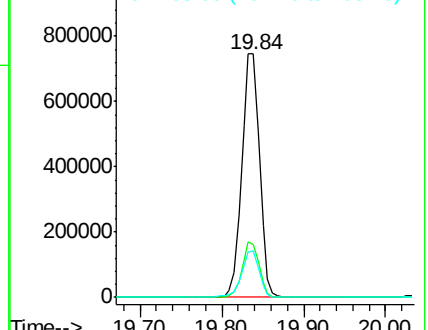


Abundance

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: 96.115 ng

RT: 20.03 min Scan# 2850

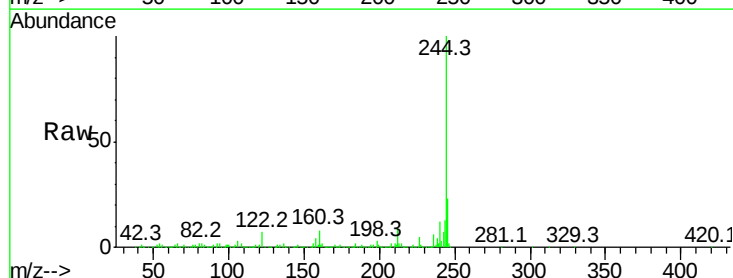
Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Tgt Ion:244 Resp: 1698119

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	6.7	7.0	10.4#

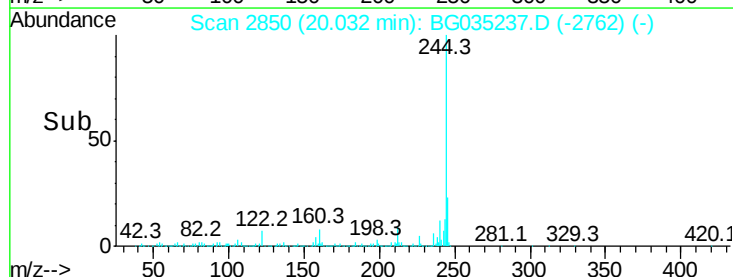
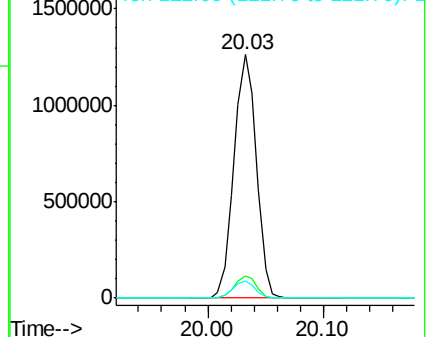


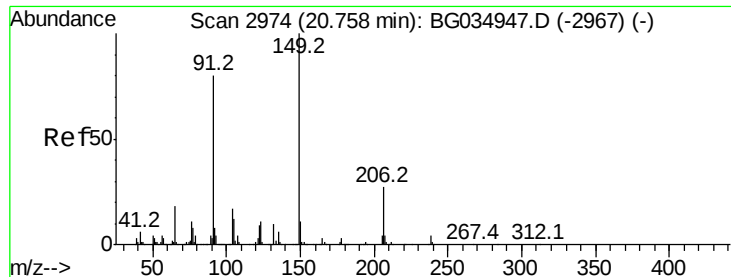
Abundance

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: 48.621 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

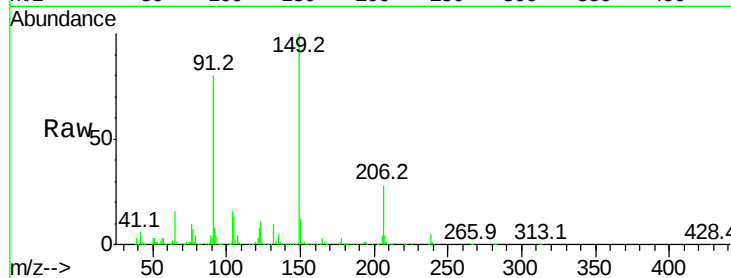
Tot Ion:149 Resp: 430733

Ion Ratio Lower Upper

149 100

91 79.9 62.2 93.2

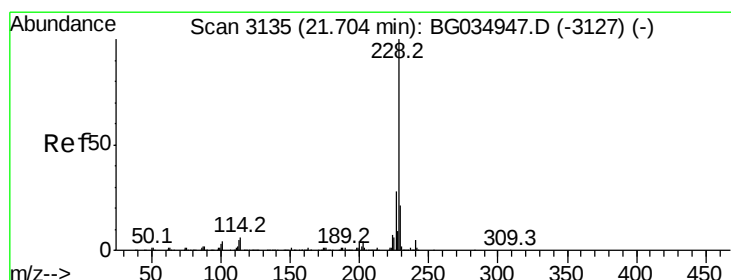
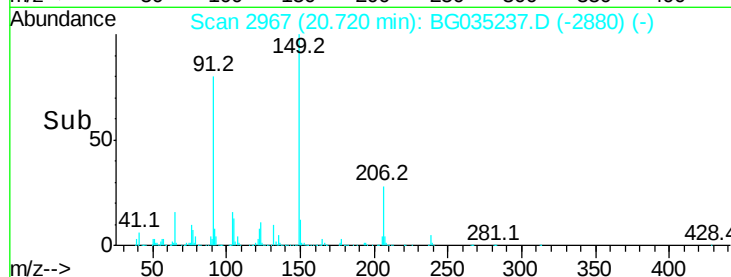
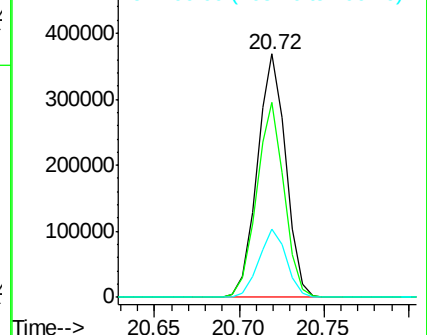
206 28.2 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 50.231 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

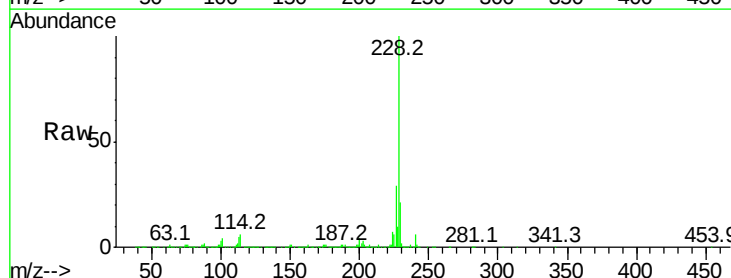
Tgt Ion:228 Resp: 1187915

Ion Ratio Lower Upper

228 100

226 28.6 22.7 34.1

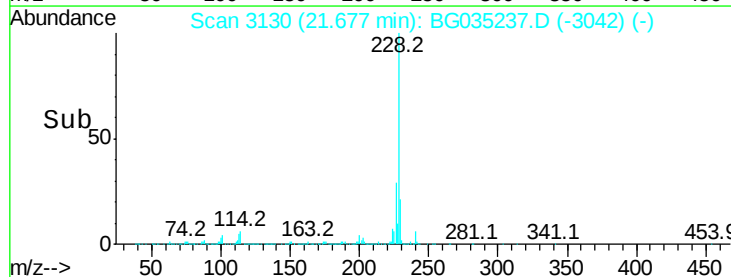
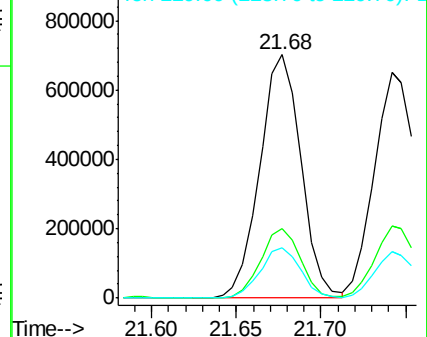
229 20.6 16.2 24.2

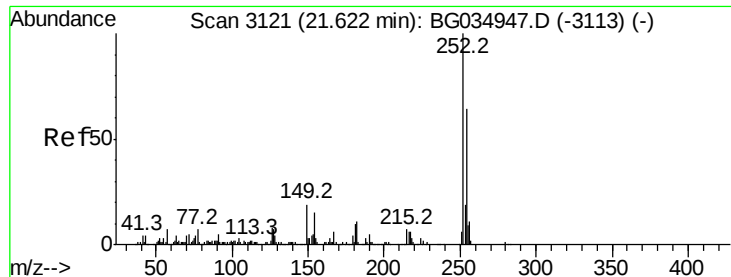


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

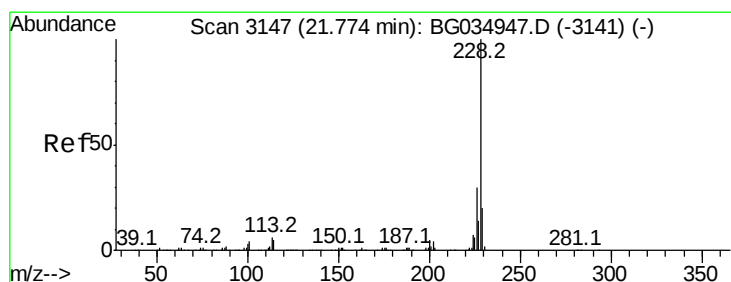
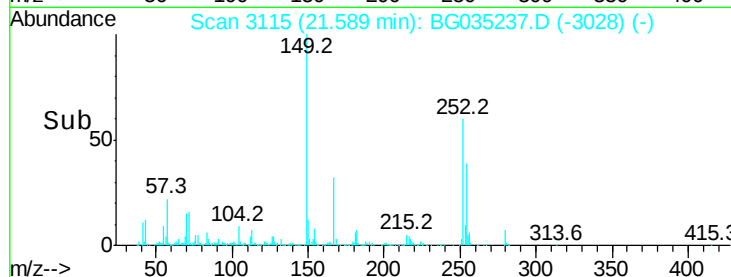
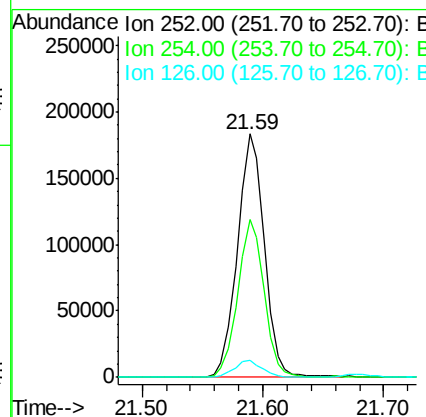
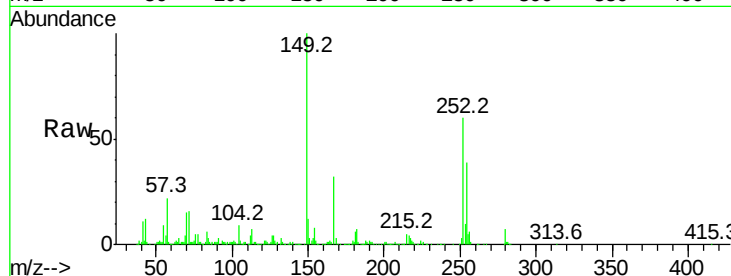




#81
 3,3'-Dichlorobenzidine
 Concen: 32.130 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

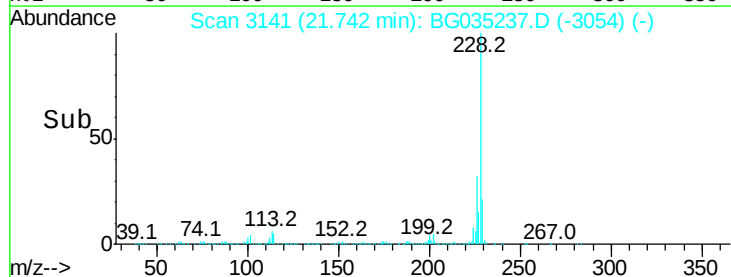
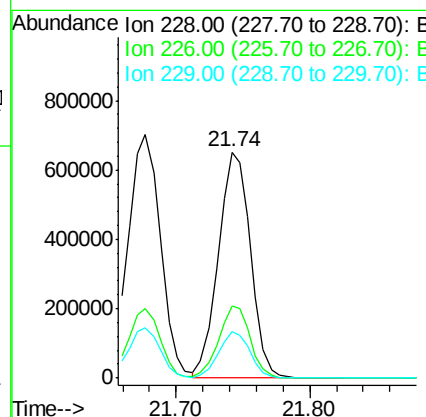
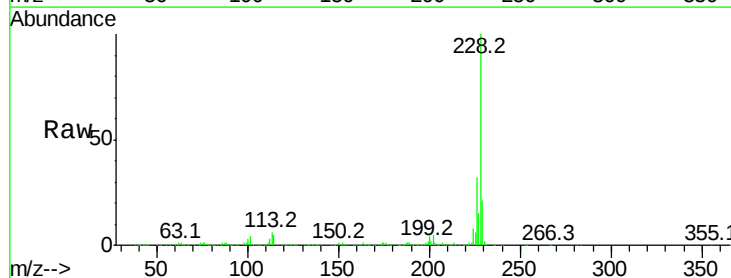
Instrument :
 BNA_G
 ClientSampled :

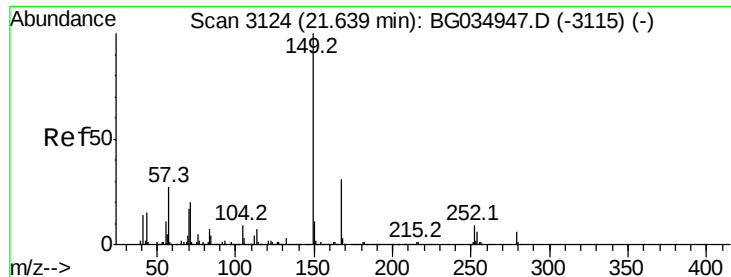
Tot Ion:252 Resp: 285873
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.8 76.2
 126 7.0 7.4 11.2#



#82
 Chrysene
 Concen: 50.874 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.02 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

Tgt Ion:228 Resp: 1101549
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 20.8 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.363 ng

RT: 21.58 min Scan# 3114

Delta R.T. -0.03 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampled :

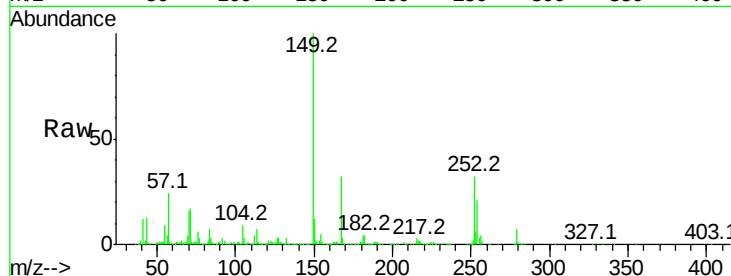
Tot Ion:149 Resp: 592888

Ion Ratio Lower Upper

149 100

167 31.7 24.3 36.5

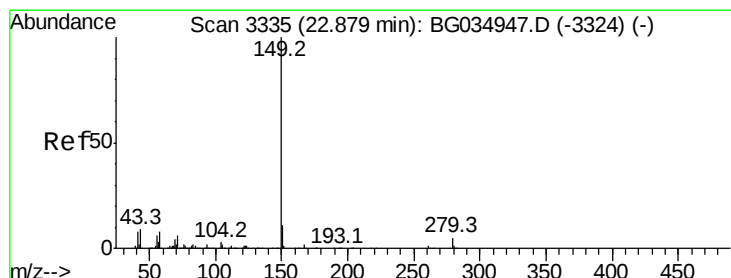
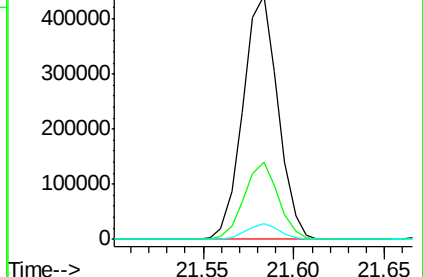
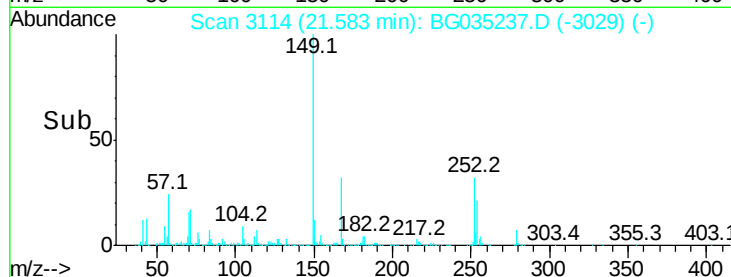
279 6.6 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.410 ng

RT: 22.80 min Scan# 3321

Delta R.T. -0.05 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

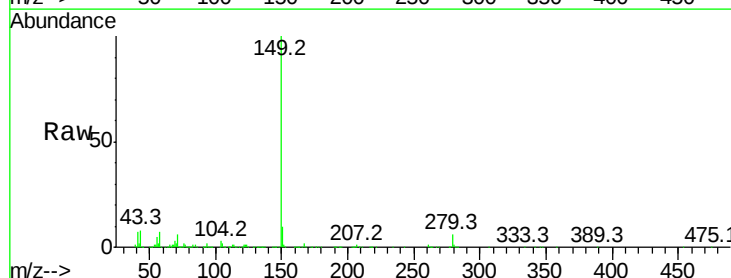
Tgt Ion:149 Resp: 1018155

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

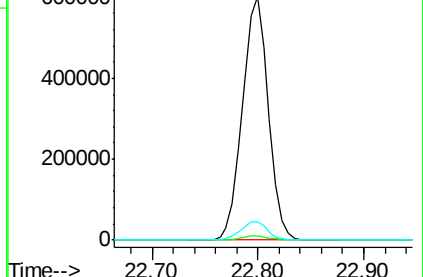
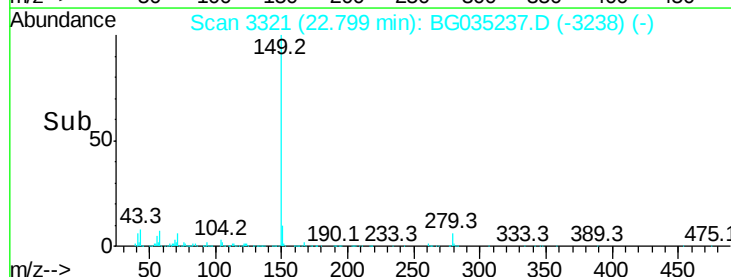
43 7.7 8.9 13.3#

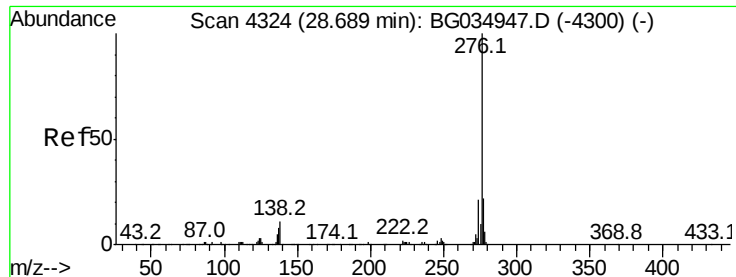


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

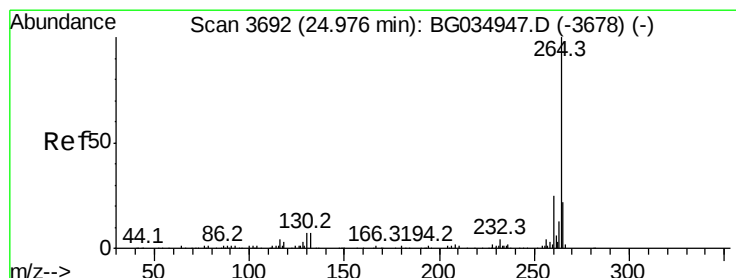
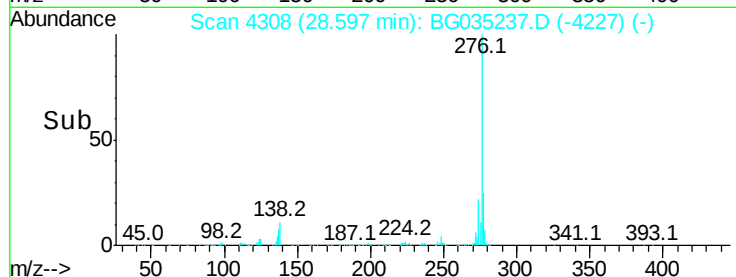
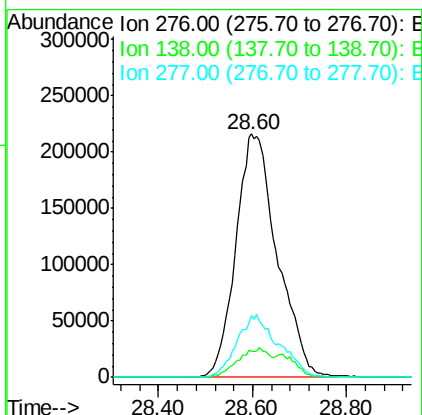
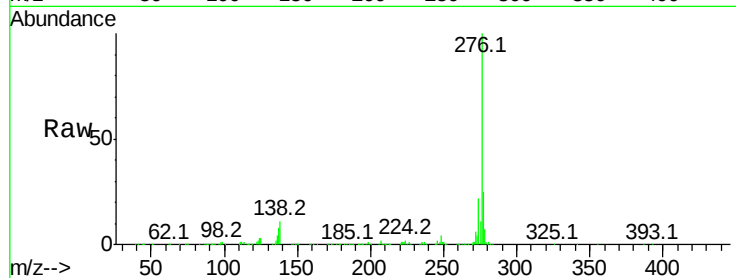




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.097 ng
 RT: 28.60 min Scan# 4308
 Delta R.T. -0.06 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

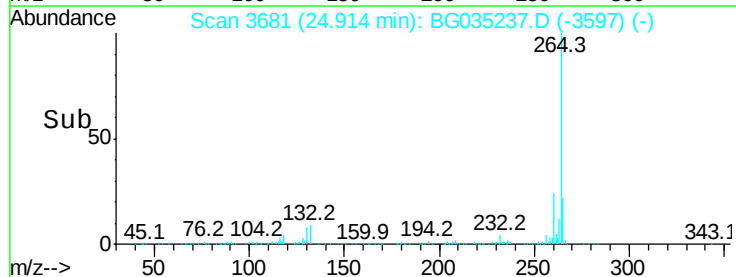
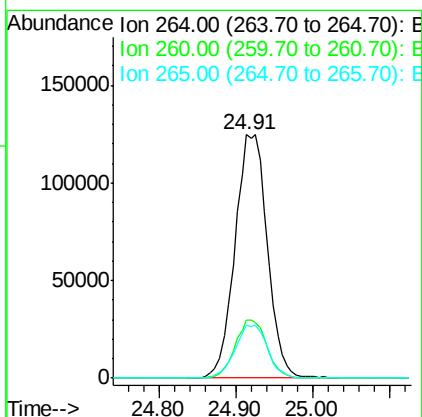
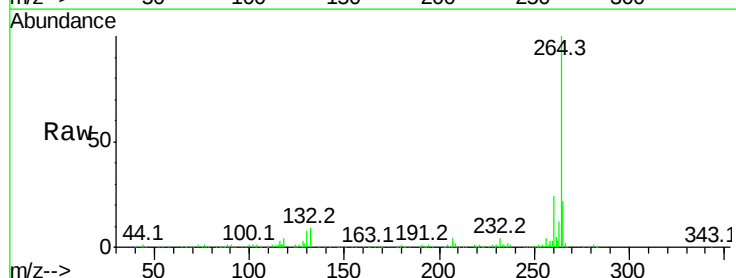
Instrument :
 BNA_G
 ClientSampled :

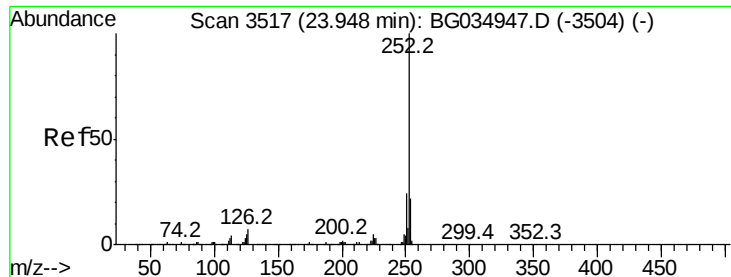
Tot Ion:276 Resp: 1321157
 Ion Ratio Lower Upper
 276 100
 138 9.3 16.0 24.0#
 277 25.8 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3681
 Delta R.T. -0.04 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

Tgt Ion:264 Resp: 366024
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.4 26.0
 265 21.6 17.7 26.5

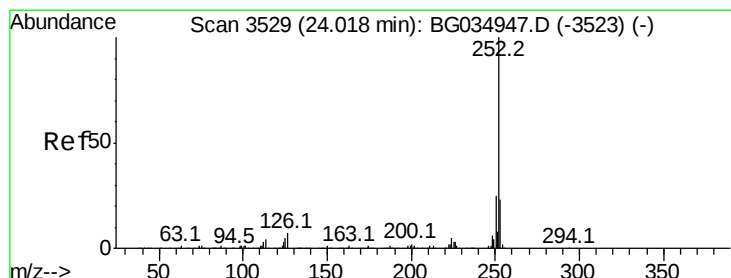
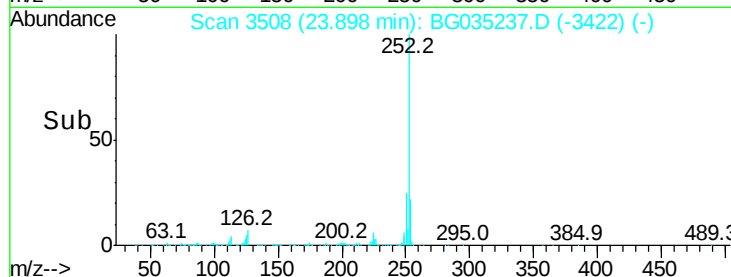
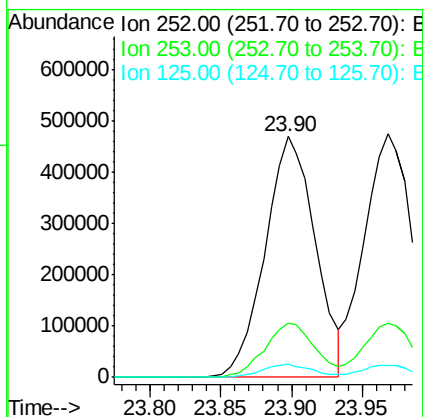
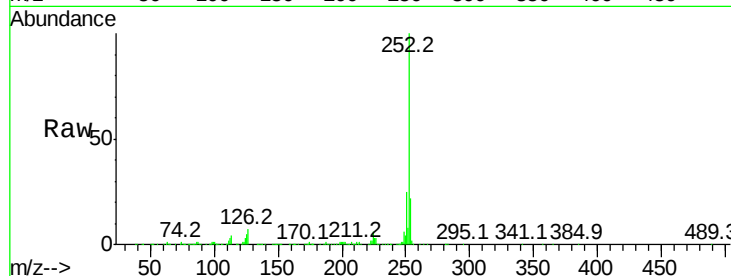




#87
Benzo(b)fluoranthene
Concen: 51.671 ng
RT: 23.90 min Scan# 3508
Delta R.T. -0.03 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

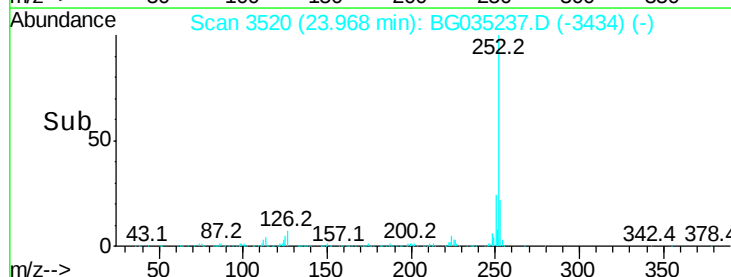
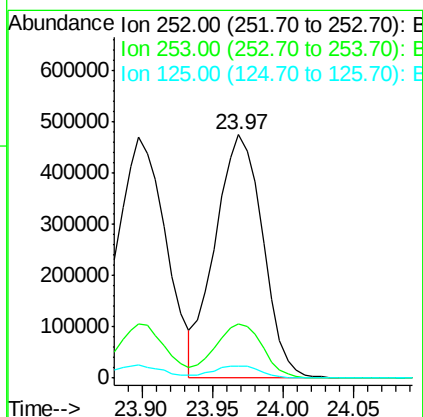
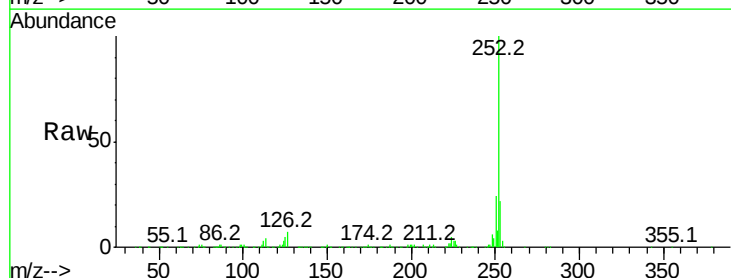
Instrument :
BNA_G
ClientSampleId :

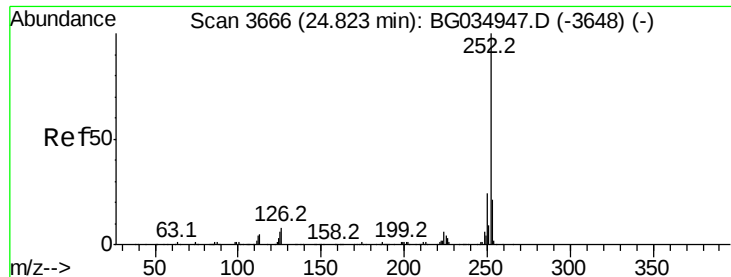
Tot Ion:252 Resp: 1164695
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 5.4 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 50.539 ng
RT: 23.97 min Scan# 3520
Delta R.T. -0.03 min
Lab File: BG035237.D
Acq: 19 Jun 2018 4:16

Tgt Ion:252 Resp: 1114353
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 5.0 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 52.417 ng

RT: 24.77 min Scan# 3657

Delta R.T. -0.03 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

Instrument :

BNA_G

ClientSampleId :

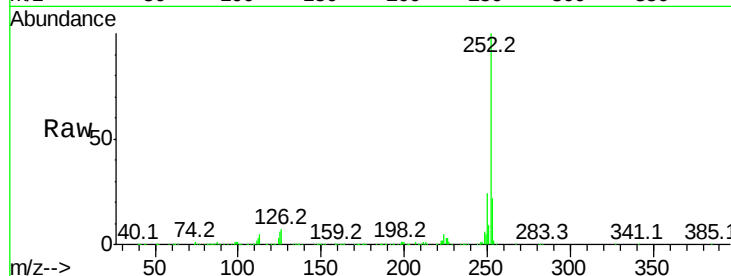
Tot Ion:252 Resp: 1111771

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	6.3	7.3	10.9

252 100

253 22.0 18.3 27.5

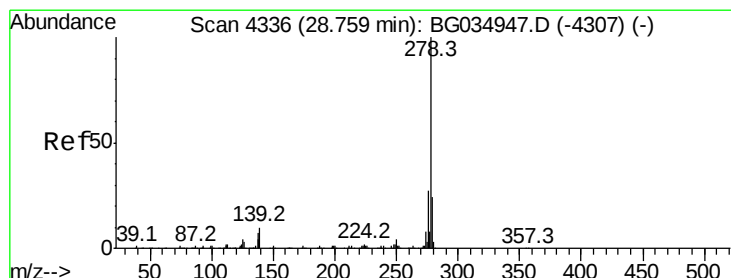
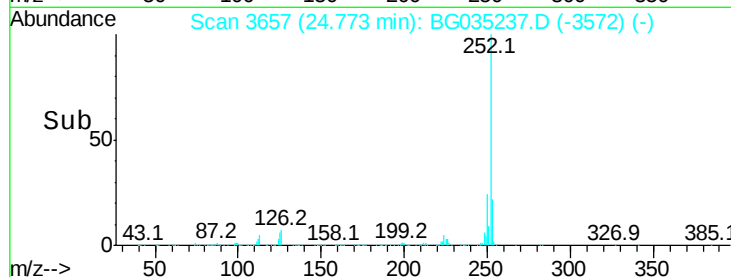
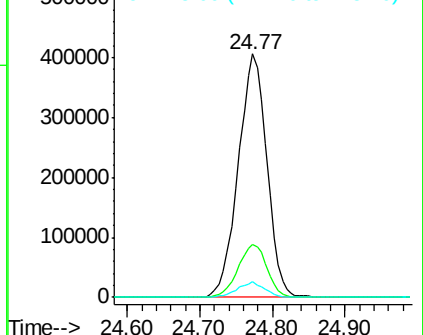
125 6.3 7.3 10.9



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: 51.321 ng

RT: 28.67 min Scan# 4320

Delta R.T. -0.06 min

Lab File: BG035237.D

Acq: 19 Jun 2018 4:16

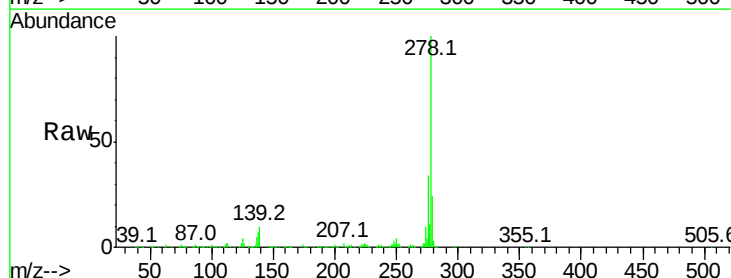
Tgt Ion:278 Resp: 1074550

Ion	Ratio	Lower	Upper
278	100		
139	9.6	9.8	14.6
279	23.7	18.4	27.6

278 100

139 9.6 9.8 14.6

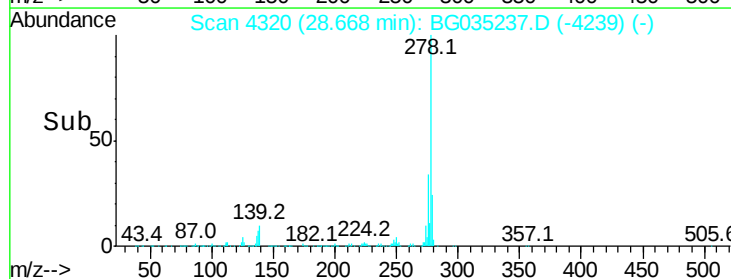
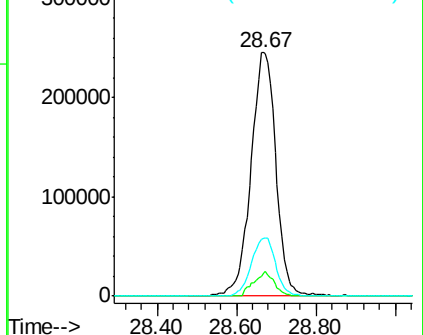
279 23.7 18.4 27.6

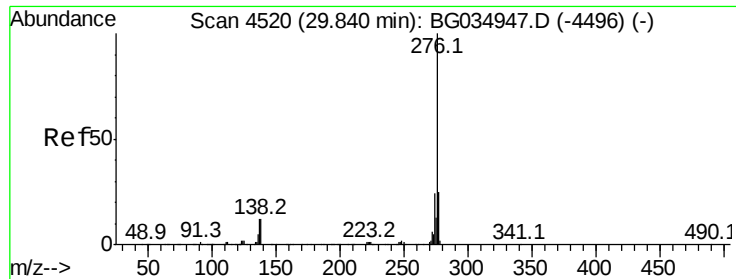


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



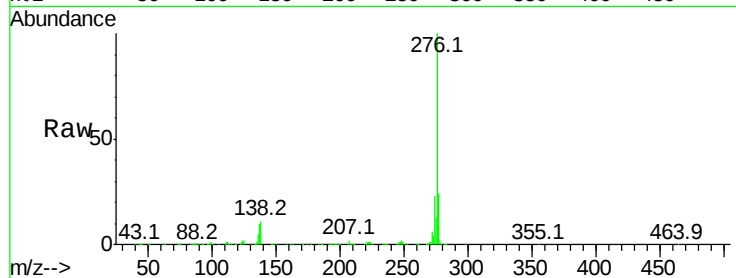


#91
 Benzo(a,h,i)perylene
 Concen: 53.157 ng
 RT: 29.75 min Scan# 4504
 Delta R.T. -0.06 min
 Lab File: BG035237.D
 Acq: 19 Jun 2018 4:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1089232

Ion	Ratio	Lower	Upper
276	100		
277	23.6	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

