

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
 Data File : BG035767.D
 Acq On : 20 Jul 2018 2:37
 Operator : JU/SJ
 Sample : J4035-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-3

Quant Time: Jul 20 03:40:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	46141	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	153613	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	101245	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	283843	20.00	ng	0.00
75) Chrysene-d12	21.66	240	340018	20.00	ng	-0.02
86) Perylene-d12	24.86	264	324555	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	344321	123.89	ng	0.00
7) Phenol-d6	7.20	99	444067	107.09	ng	0.00
23) Nitrobenzene-d5	9.19	82	352156	95.77	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	221826	166.23	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	778769	103.05	ng	-0.01
78) Terphenyl-d14	20.00	244	1682275	109.06	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	202	0.143	ng	# 1
3) Pyridine	3.90	79	70	0.019	ng	# 1
4) n-Nitrosodimethylamine	3.86	42	879	0.554	ng	# 1
6) Aniline	7.31	93	67	0.012	ng	# 41
8) 2-Chlorophenol	7.57	128	54	0.019	ng	# 1
9) Benzaldehyde	7.14	77	74	0.029	ng	# 5
10) Phenol	7.56	94	1047	0.250	ng	# 1
11) bis(2-Chloroethyl)ether	7.47	93	68	0.021	ng	# 16
12) 1,3-Dichlorobenzene	8.29	146	54	0.016	ng	# 26
13) 1,4-Dichlorobenzene	8.29	146	54	0.016	ng	# 23
14) 1,2-Dichlorobenzene	8.29	146	54	0.016	ng	# 25
15) Benzyl Alcohol	8.35	79	5841	1.551	ng	# 37
16) 2,2'-oxybis(1-Chloropropan	8.54	45	479	0.174	ng	# 75
17) 2-Methylphenol	8.35	107	79	0.028	ng	# 1
18) Hexachloroethane	9.27	117	75	0.057	ng	# 1
20) 3+4-Methylphenols	8.35	107	79	0.020	ng	# 1
22) Acetophenone	8.84	105	251	0.053	ng	# 60
24) Nitrobenzene	9.25	77	72	0.019	ng	# 42
25) Isophorone	9.80	82	335	0.049	ng	# 69
28) bis(2-Chloroethoxy)methane	10.01	93	66	0.018	ng	# 51
31) Naphthalene	10.89	128	7532	0.941	ng	# 92
33) 4-Chloroaniline	10.89	127	1147	0.329	ng	# 63
34) Hexachlorobutadiene	11.39	225	70	0.029	ng	# 20
35) Caprolactam	11.49	113	63	0.058	ng	# 1
36) 4-Chloro-3-methylphenol	11.76	107	80	0.024	ng	# 22
37) 2-Methylnaphthalene	12.52	142	371	0.062	ng	# 74
39) 1,2,4,5-Tetrachlorobenzene	13.26	216	56	0.015	ng	# 1
45) 1,1'-Biphenyl	13.49	154	442	0.056	ng	# 72
46) 2-Chloronaphthalene	13.53	162	61	0.010	ng	# 39
47) 2-Nitroaniline	13.27	65	1068	0.495	ng	# 1
48) Acenaphthylene	14.38	152	64	0.006	ng	# 59
51) Acenaphthene	14.71	154	94	0.015	ng	# 5
52) 3-Nitroaniline	14.51	138	69	0.037	ng	# 1
54) Dibenzofuran	14.64	168	61	0.006	ng	# 46

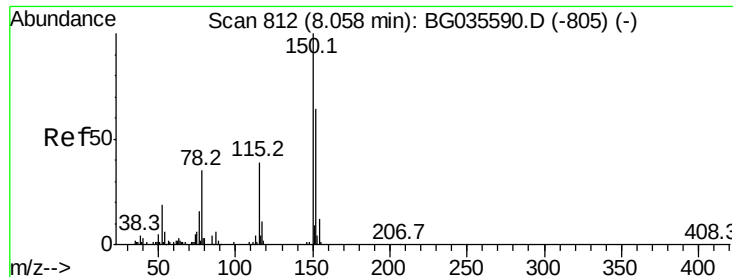
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
55) 4-Nitrophenol	14.63	139	58	0.044	nq	#	1
57) Fluorene	16.14	166	7439	0.876	nq	#	80
59) Diethylphthalate	15.48	149	558	0.061	nq	#	58
61) 4-Nitroaniline	15.83	138	82	0.042	nq	#	12
62) Azobenzene	15.91	77	55	0.006	nq	#	48
64) 4,6-Dinitro-2-methylphenol	16.13	198	773	0.489	nq	#	50
65) n-Nitrosodiphenylamine	16.14	169	8536	1.057	nq	#	54
68) Atrazine	17.26	200	87	0.026	nq	#	35
70) Phenanthrene	17.44	178	305	0.022	nq	#	60
71) Anthracene	17.55	178	62	0.004	nq	#	59
72) Carbazole	17.77	167	75	0.006	nq	#	1
73) Di-n-butylphthalate	18.36	149	1674	0.106	nq	#	78
74) Fluoranthene	19.47	202	961	0.050	nq	#	84
77) Pyrene	19.82	202	1424	0.066	nq	#	89
79) Butylbenzylphthalate	20.68	149	619	0.081	nq	#	73
80) Benzo(a)anthracene	21.66	228	1998	0.094	nq	#	60
81) 3,3'-Dichlorobenzidine	21.61	252	53	0.007	nq	#	26
82) Chrysene	21.70	228	346	0.018	nq	#	74
83) Bis(2-ethylhexyl)phthalate	21.54	149	1777	0.170	nq	#	91
84) Di-n-octyl phthalate	22.75	149	1300	0.074	nq	#	74
85) Indeno(1,2,3-cd)pyrene	28.65	276	81	0.004	nq	#	33
87) Benzo(b)fluoranthene	23.85	252	855	0.043	nq	#	59
88) Benzo(k)fluoranthene	23.91	252	873	0.045	nq	#	60
89) Benzo(a)pyrene	24.72	252	610	0.033	nq	#	59
90) Dibenzo(a,h)anthracene	28.65	278	66	0.004	nq	#	58
91) Benzo(g,h,i)perylene	29.76	276	89	0.005	nq	#	56

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

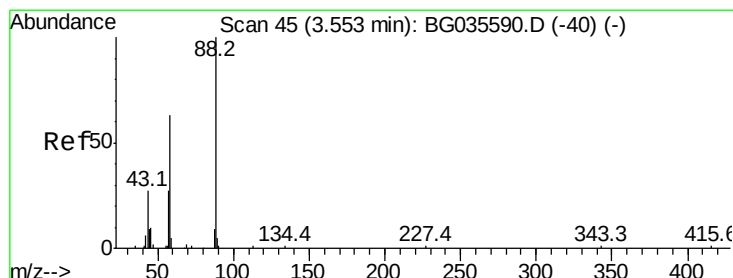
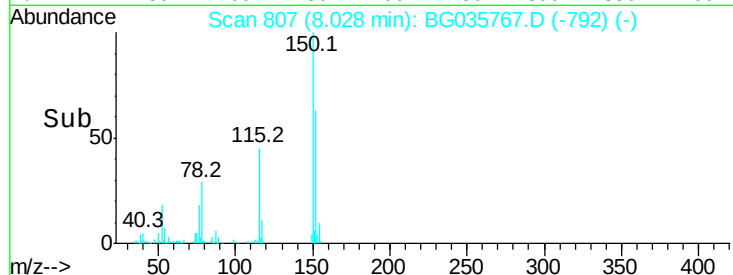
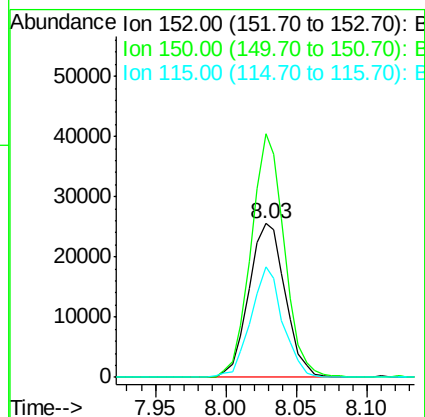
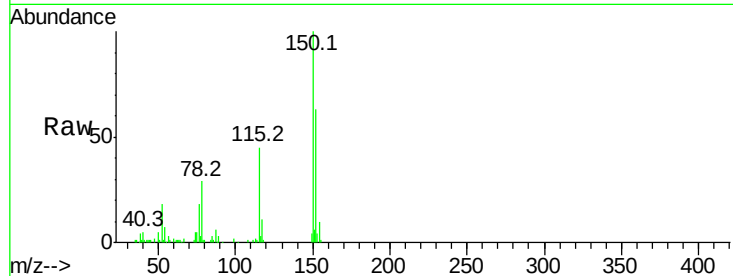


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

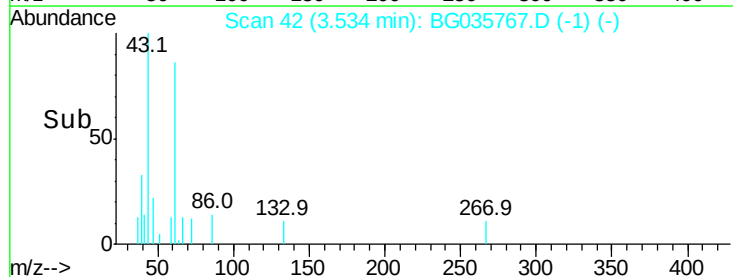
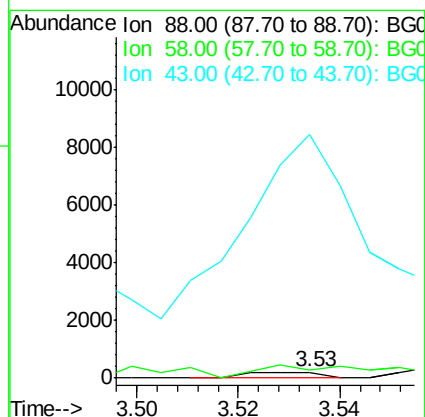
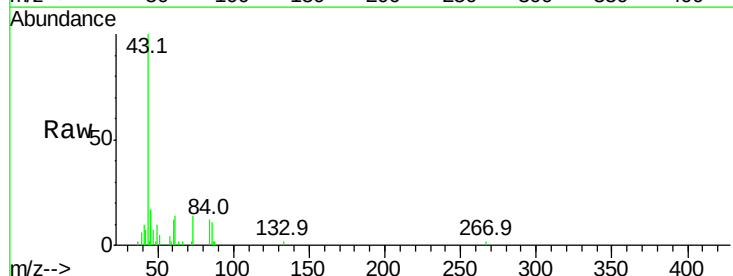
Tot Ion:152 Resp: 46141
Ion Ratio Lower Upper
152 100
150 158.3 126.6 189.8
115 71.5 53.0 79.4

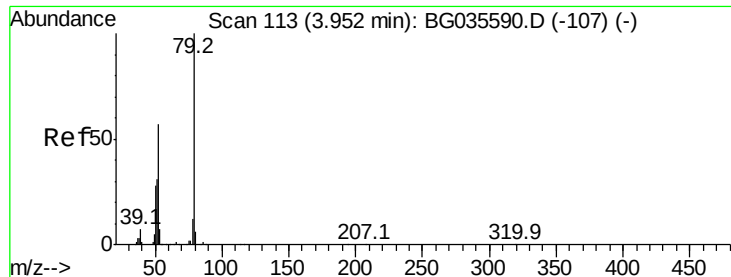


#2

1,4-Dioxane
Concen: 0.143 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.00 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion: 88 Resp: 202
Ion Ratio Lower Upper
88 100
58 437.1 79.6 119.4#
43 5089.1 27.4 41.0#





#3

Pvridine

Concen: 0.019 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.03 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

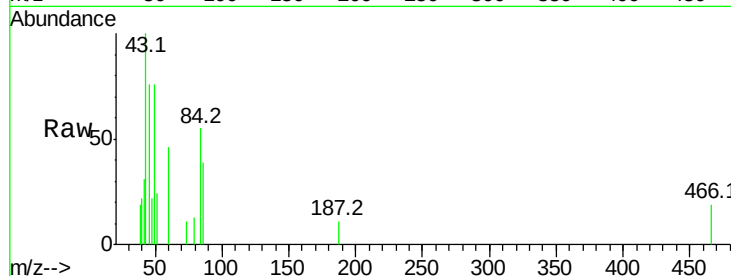
Tot Ion: 79 Resp: 70

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

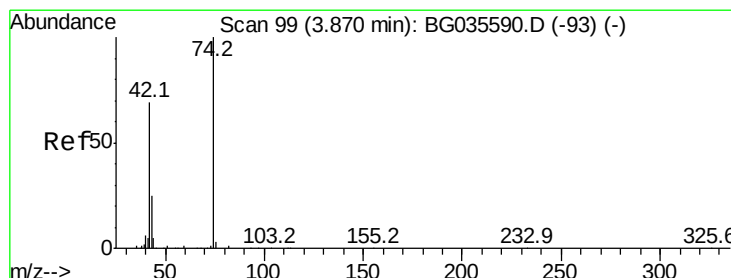
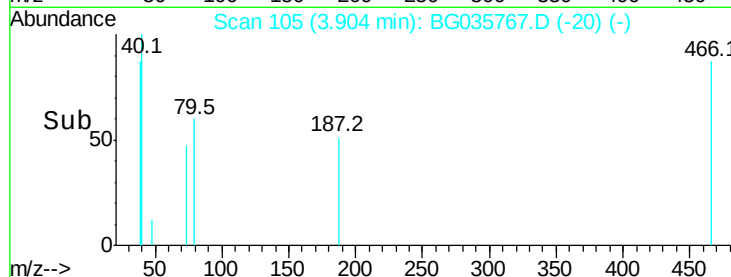
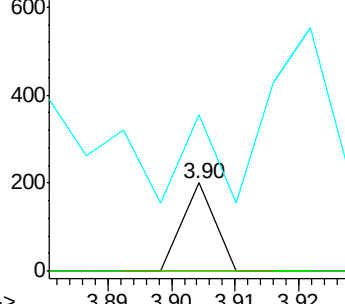
51 178.0 34.0 51.0#



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: 0.554 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

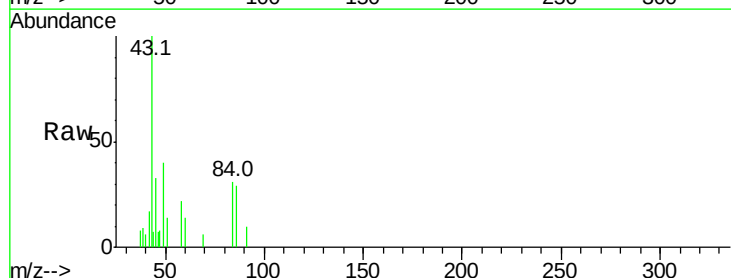
Tgt Ion: 42 Resp: 879

Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

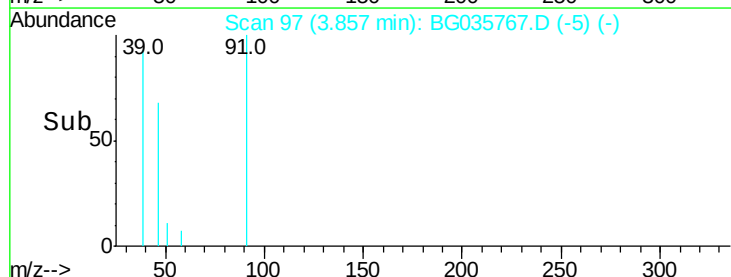
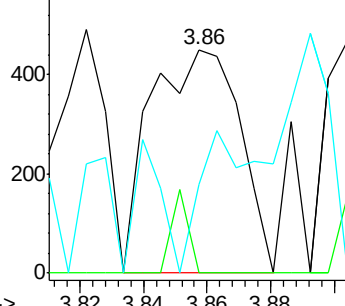
44 39.8 18.9 28.3#

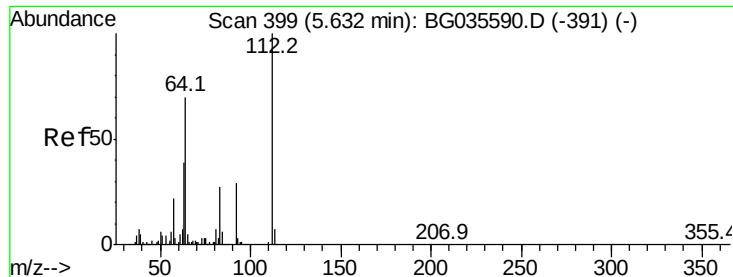


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 123.893 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

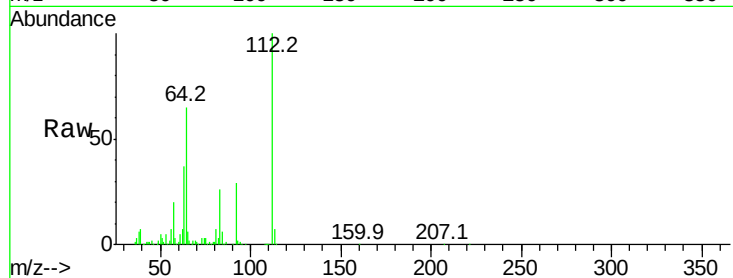
Tot Ion:112 Resp: 344321

Ion Ratio Lower Upper

112 100

64 65.0 56.3 84.5

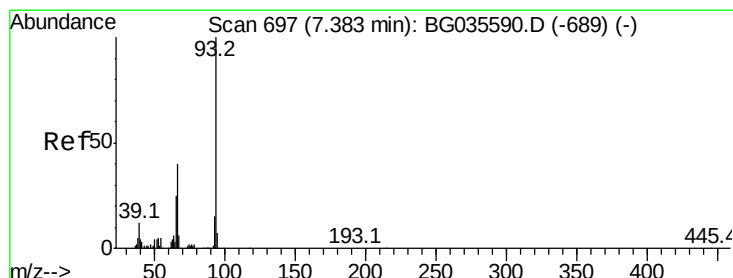
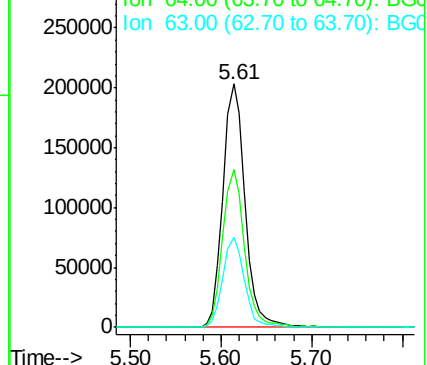
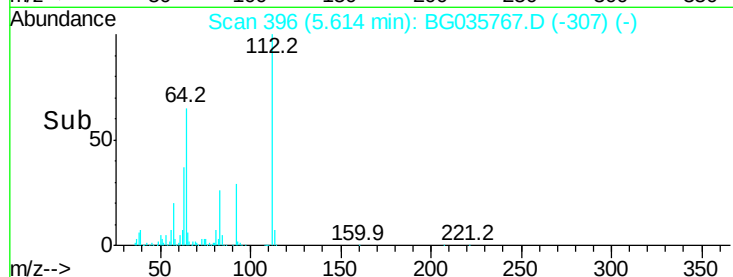
63 37.0 30.1 45.1



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



#6

Aniline

Concen: 0.012 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.05 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

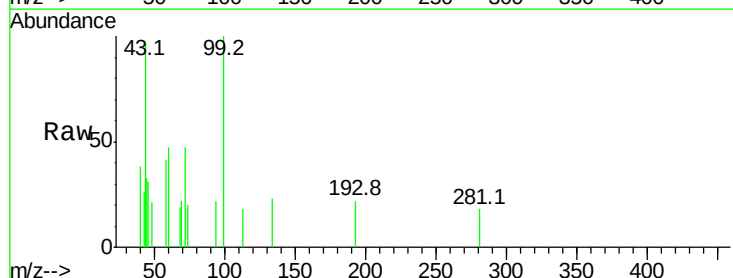
Tgt Ion: 93 Resp: 67

Ion Ratio Lower Upper

93 100

66 0.0 33.7 50.5#

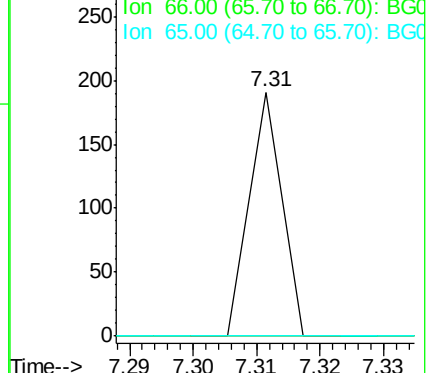
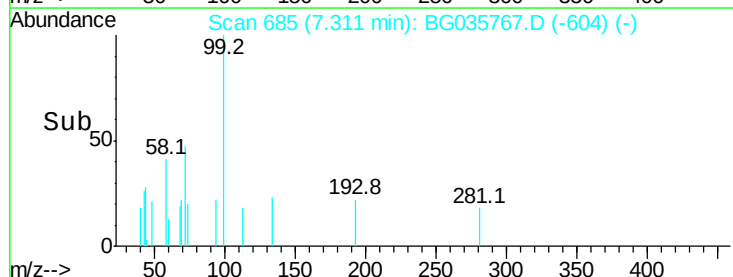
65 0.0 16.1 24.1#

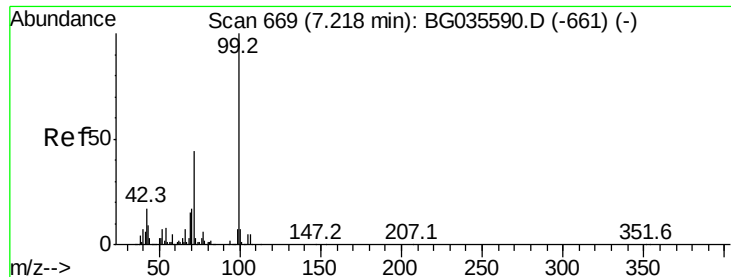


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.094 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

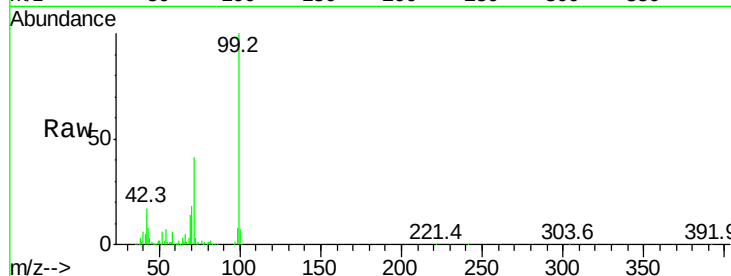
Tot Ion: 99 Resp: 444067

Ion Ratio Lower Upper

99 100

42 17.1 14.1 21.1

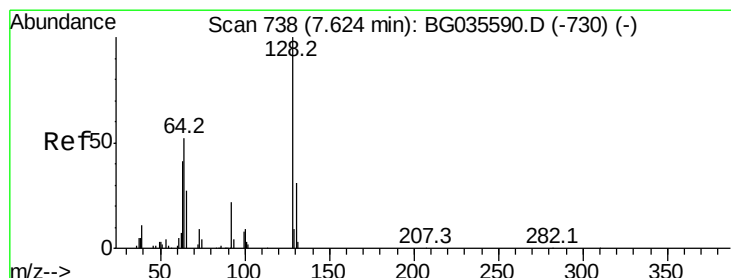
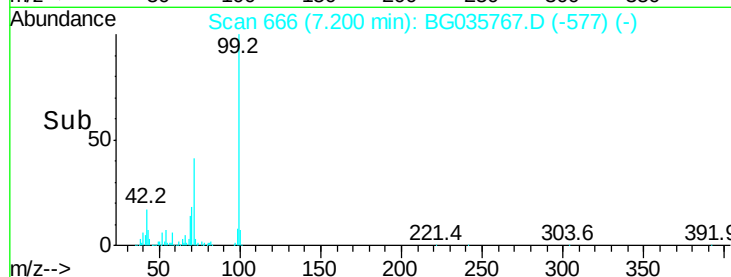
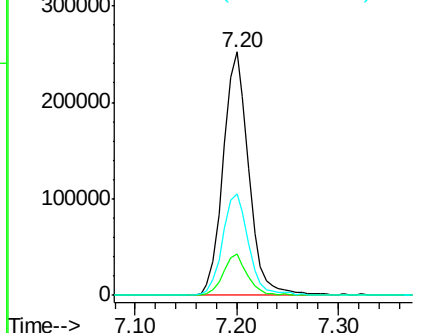
71 41.5 26.1 39.1#



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: 0.019 ng

RT: 7.57 min Scan# 729

Delta R.T. -0.04 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

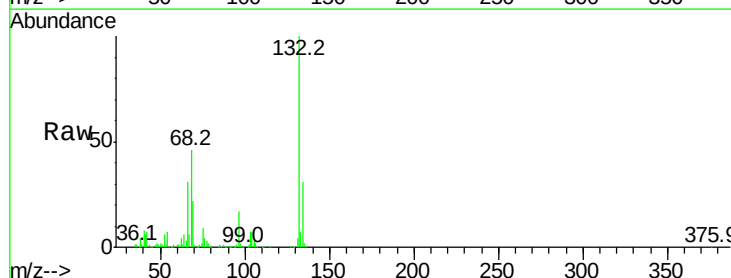
Tgt Ion:128 Resp: 54

Ion Ratio Lower Upper

128 100

130 0.0 14.0 54.0#

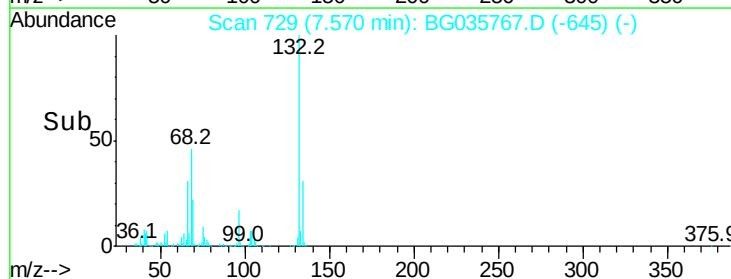
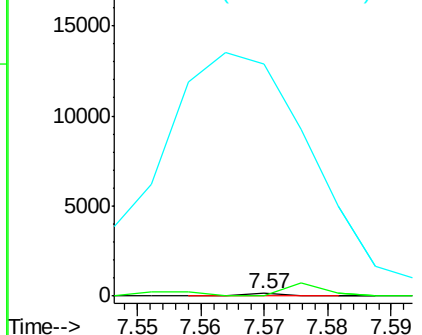
64 8415.0 37.7 77.7#

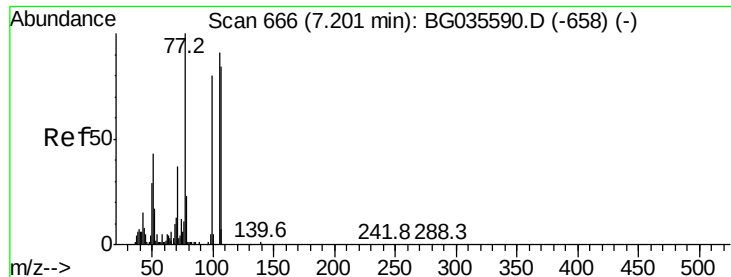


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.029 ng

RT: 7.14 min Scan# 656

Delta R.T. -0.04 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

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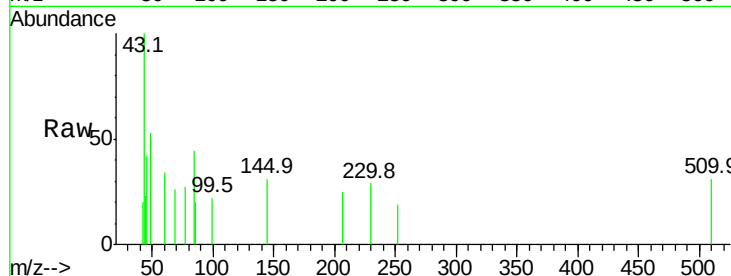
Tot Ion: 77 Resp: 74

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

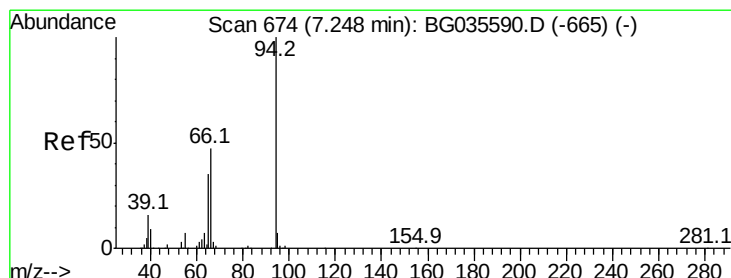
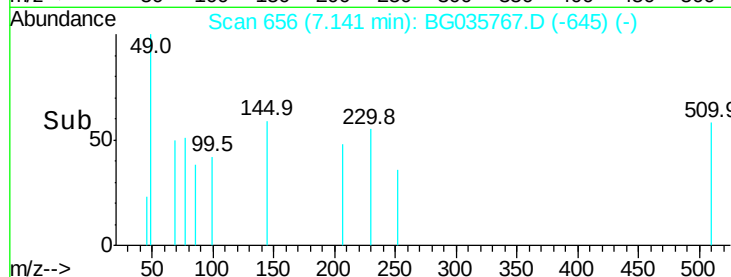
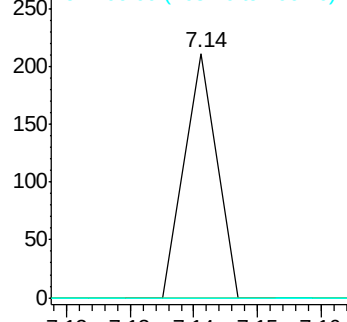
106 0.0 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.250 ng

RT: 7.56 min Scan# 728

Delta R.T. 0.33 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

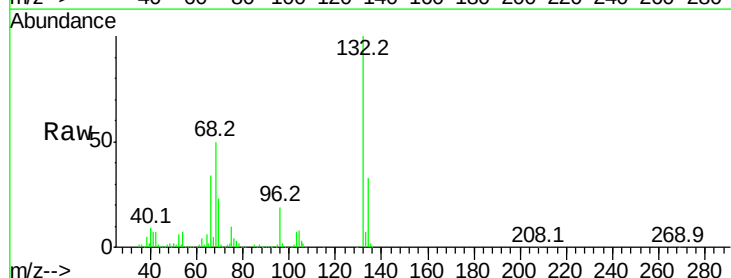
Tgt Ion: 94 Resp: 1047

Ion Ratio Lower Upper

94 100

65 855.8 11.9 51.9#

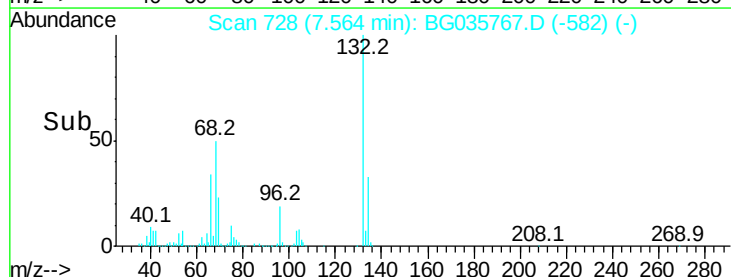
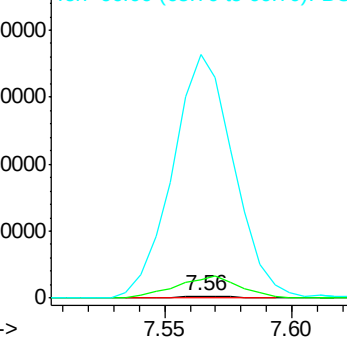
66 11611.5 22.2 62.2#

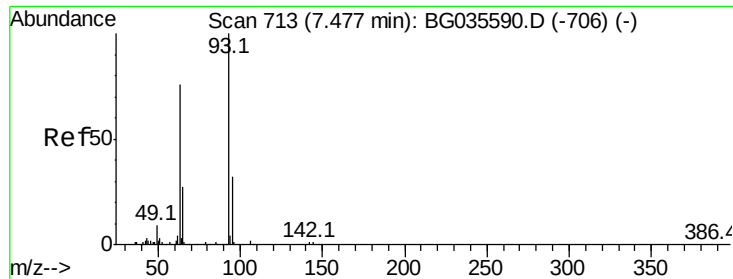


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

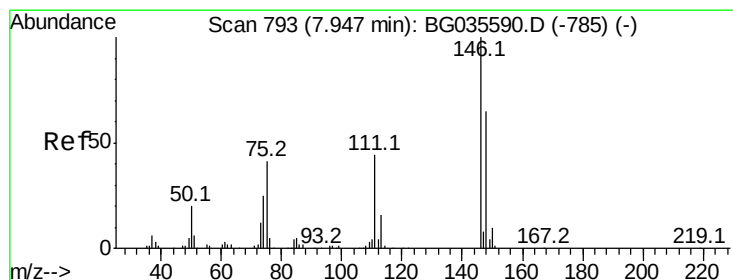
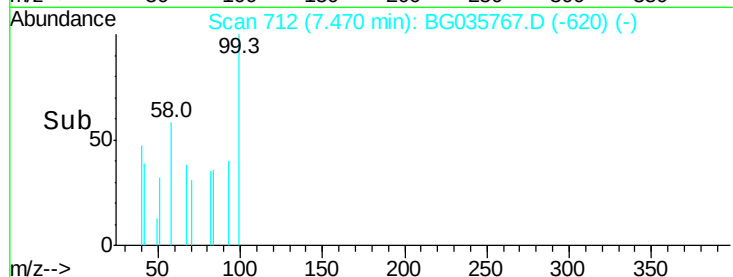
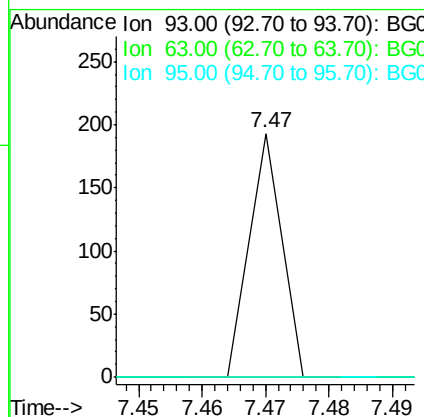
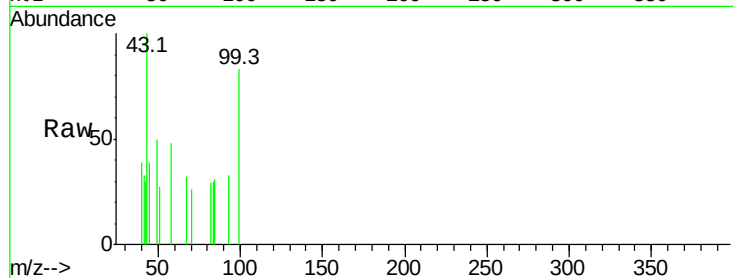




#11
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.47 min Scan# 712
Delta R.T. 0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

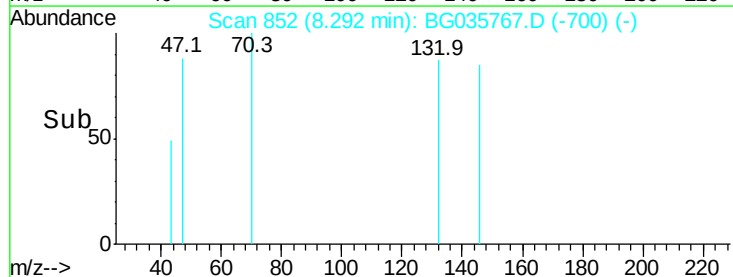
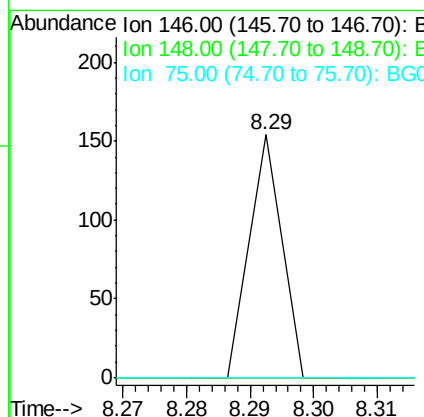
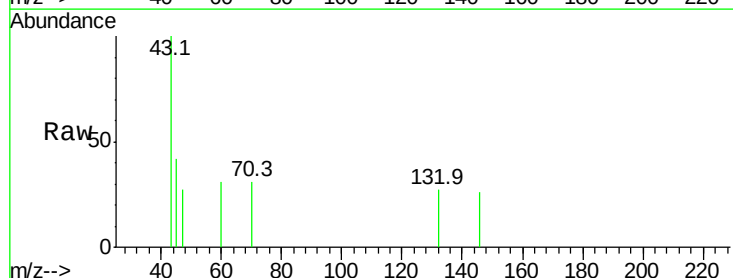
Instrument :
BNA_G
ClientSampleId :
MH-3

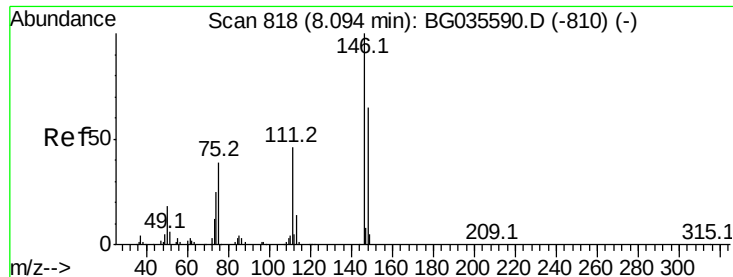
Tot Ion: 93 Resp: 68
Ion Ratio Lower Upper
93 100
63 0.0 67.1 107.1#
95 0.0 11.5 51.5#



#12
1,3-Dichlorobenzene
Concen: 0.016 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.36 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion: 146 Resp: 54
Ion Ratio Lower Upper
146 100
148 0.0 51.4 77.2#
75 0.0 26.6 39.8#





#13

1,4-Dichlorobenzene

Concen: 0.016 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.22 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

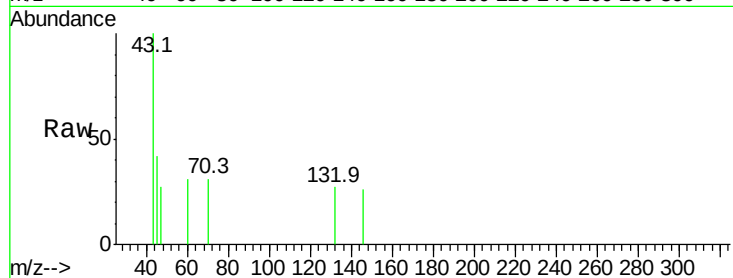
Tot Ion:146 Resp: 54

Ion Ratio Lower Upper

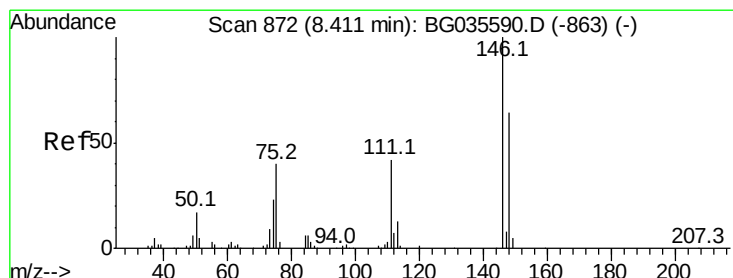
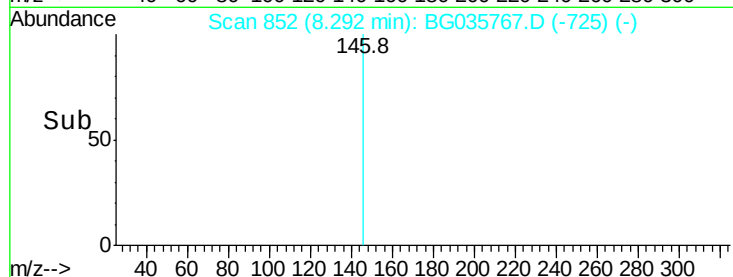
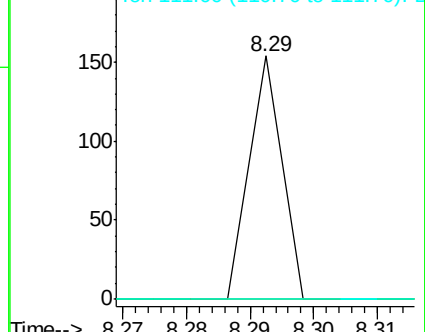
146 100

148 0.0 53.7 80.5#

111 0.0 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: 0.016 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.10 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

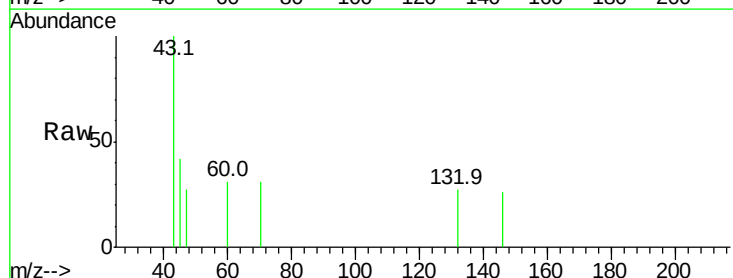
Tgt Ion:146 Resp: 54

Ion Ratio Lower Upper

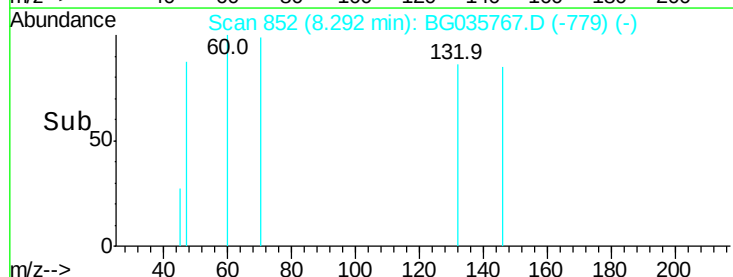
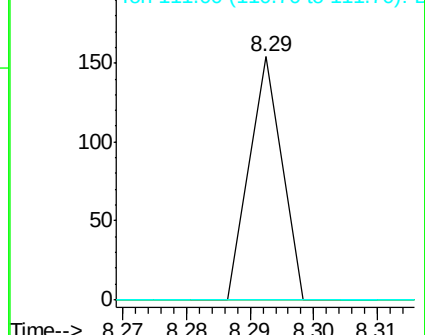
146 100

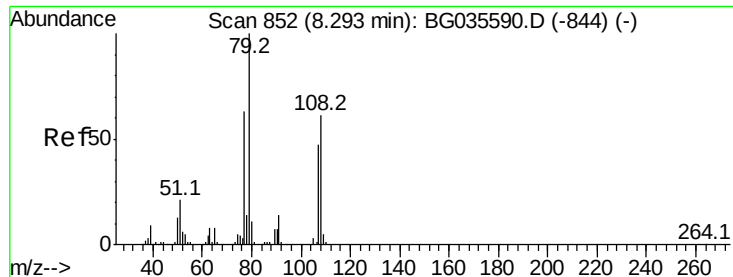
148 0.0 49.3 73.9#

111 0.0 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: 1.551 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.07 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

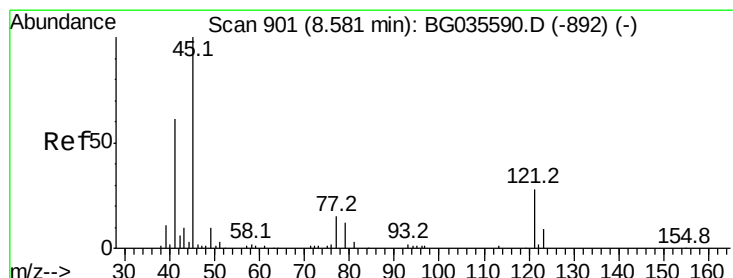
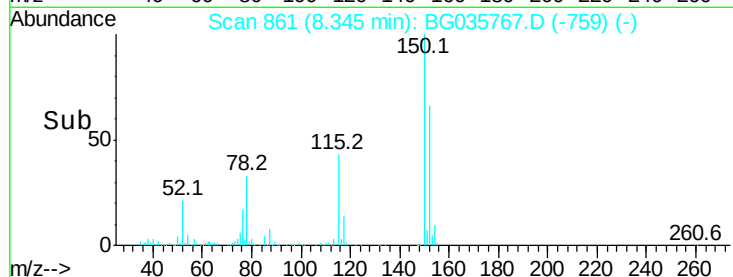
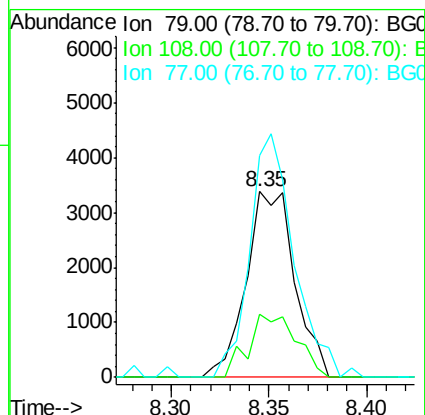
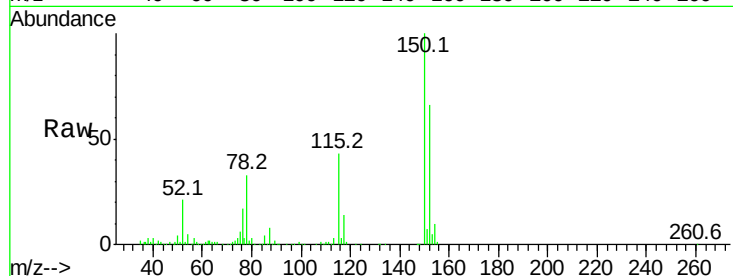
Tot Ion: 79 Resp: 5841

Ion Ratio Lower Upper

79 100

108 33.8 57.2 85.8#

77 119.6 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.174 ng

RT: 8.54 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

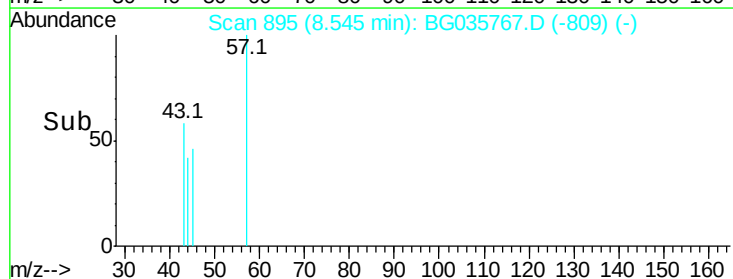
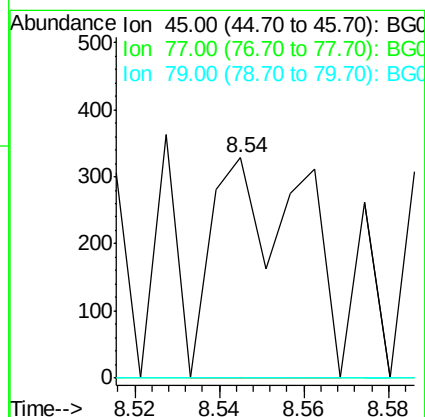
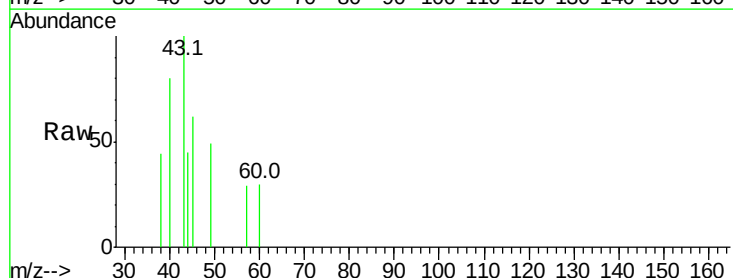
Tgt Ion: 45 Resp: 479

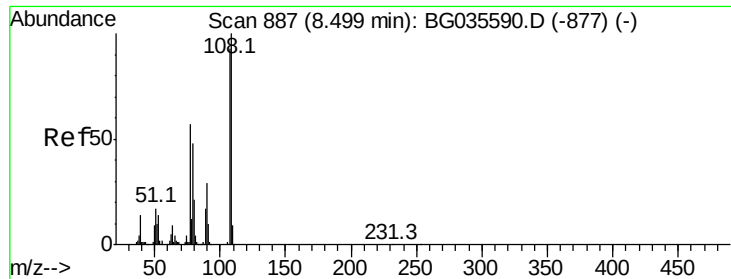
Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.2

79 0.0 0.0 27.9





#17

2-Methylphenol

Concen: 0.028 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.13 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

Tot Ion:107 Resp: 79

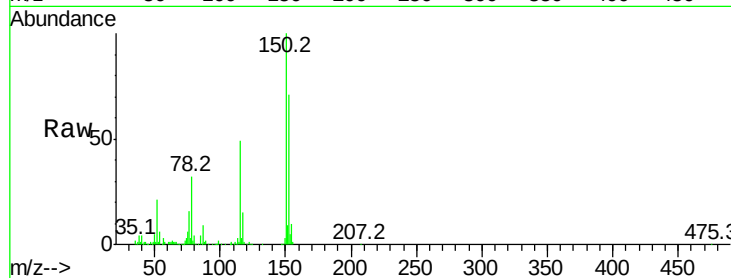
Ion Ratio Lower Upper

107 100

108 452.5 83.9 125.9#

77 1987.9 37.2 55.8#

79 1409.0 36.2 54.2#

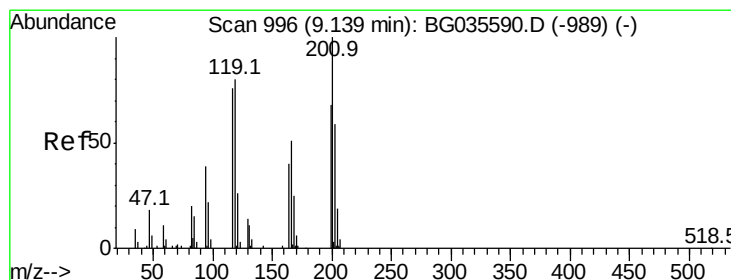
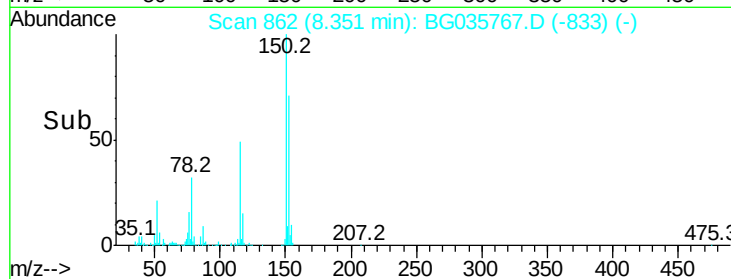
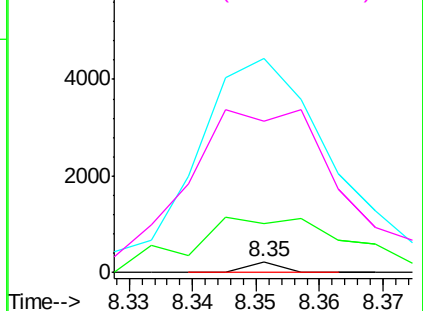


Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.057 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.15 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

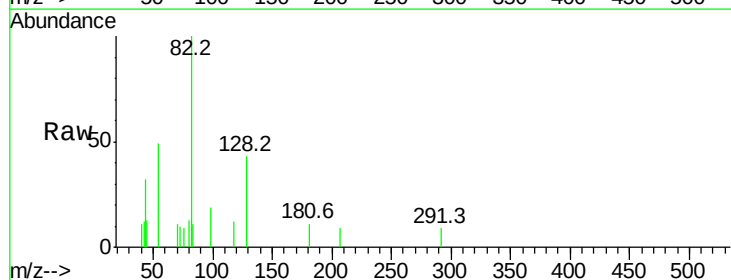
Tgt Ion:117 Resp: 75

Ion Ratio Lower Upper

117 100

119 0.0 76.7 115.1#

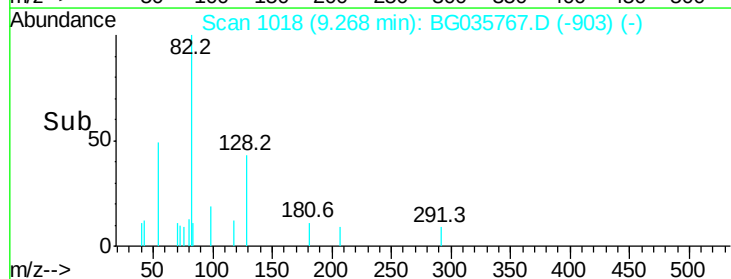
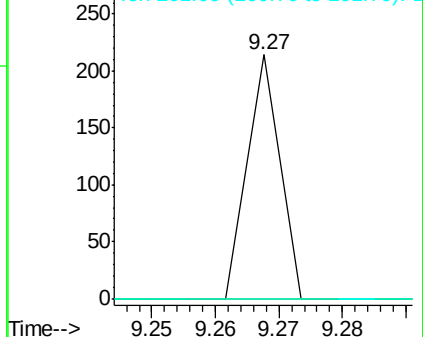
201 0.0 95.7 143.5#

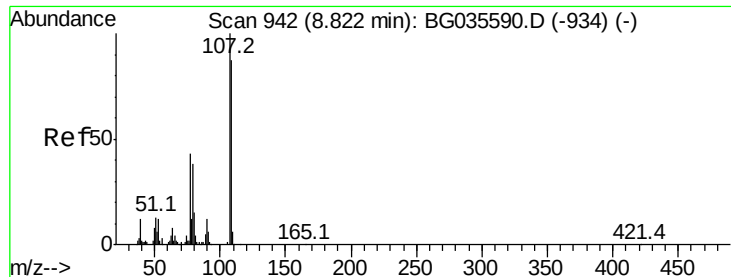


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#20

3+4-Methylphenols

Concen: 0.020 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.46 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

Tot Ion:107 Resp: 79

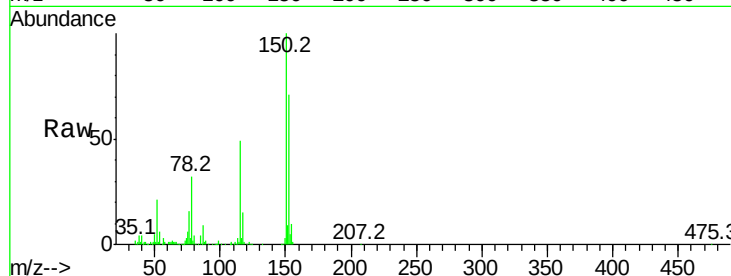
Ion Ratio Lower Upper

107 100

108 452.5 61.6 101.6#

77 1987.9 13.9 53.9#

79 1409.0 8.8 48.8#

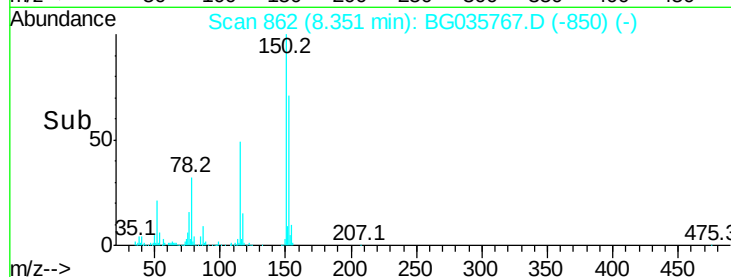


Abundance Ion 107.00 (106.70 to 107.70): E

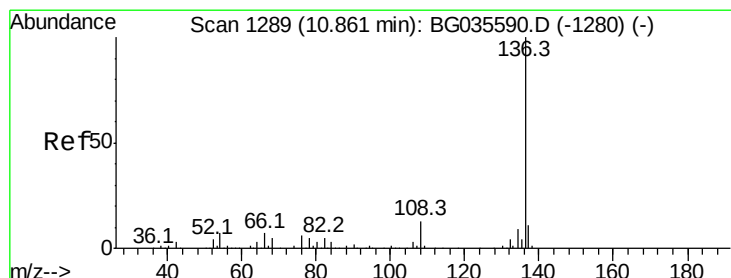
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



Time--> 8.33 8.34 8.35 8.36 8.37



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Tgt Ion:136 Resp: 153613

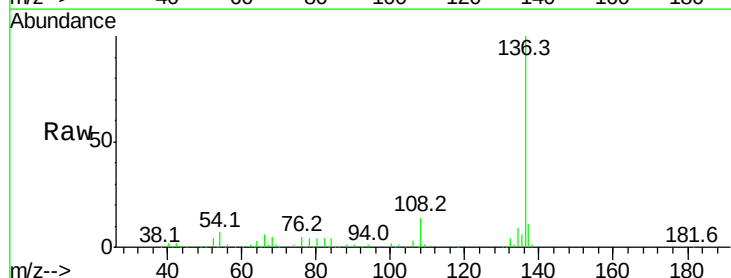
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.6 10.3 15.5#

68 5.0 4.5 6.7

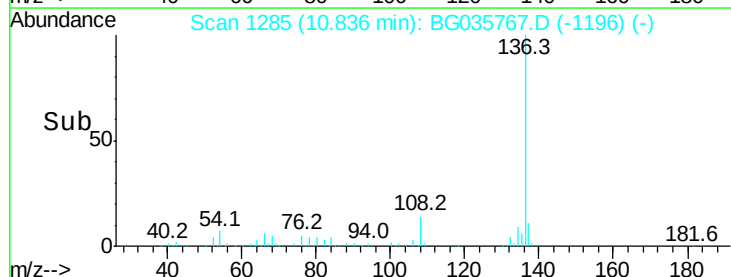


Abundance Ion 136.00 (135.70 to 136.70): E

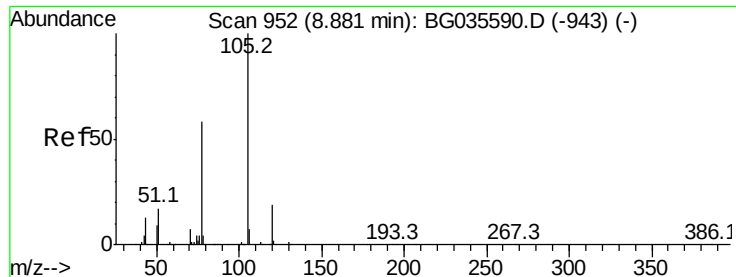
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.80 10.90



#22

Acetophenone

Concen: 0.053 ng

RT: 8.84 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

Tot Ion: 105 Resp: 251

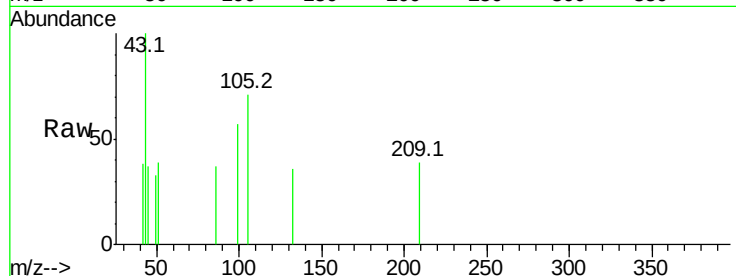
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 55.0 26.1 39.1#

120 0.0 17.4 26.2#



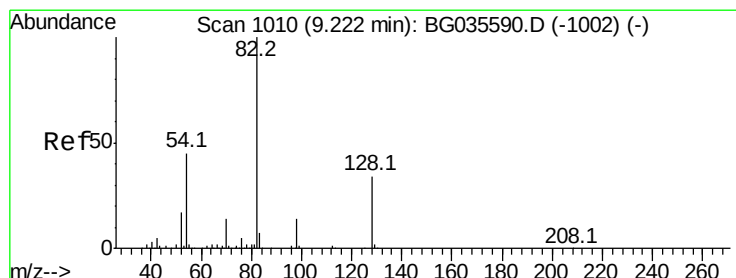
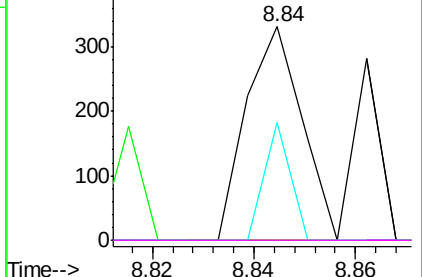
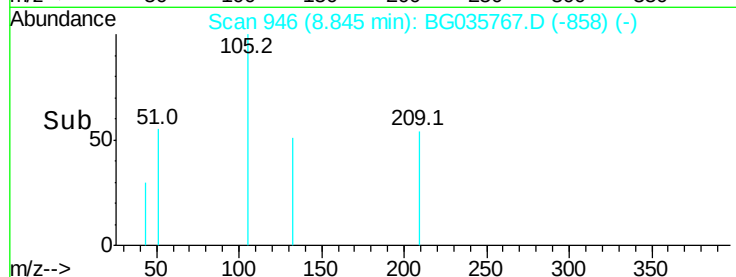
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 95.768 ng

RT: 9.19 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

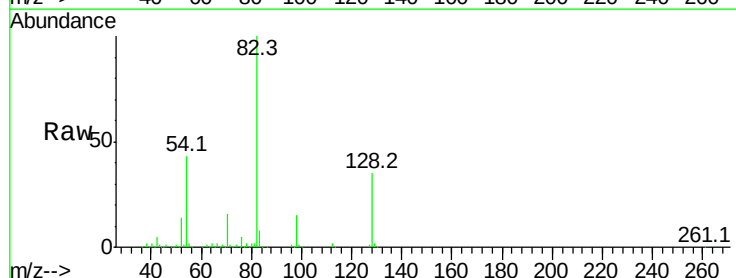
Tgt Ion: 82 Resp: 352156

Ion Ratio Lower Upper

82 100

128 34.9 29.7 44.5

54 43.1 43.1 64.7#

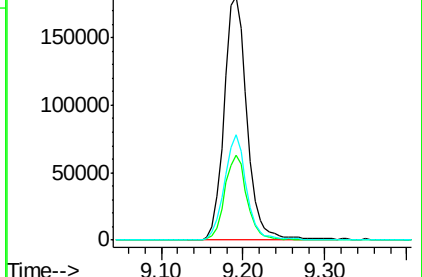
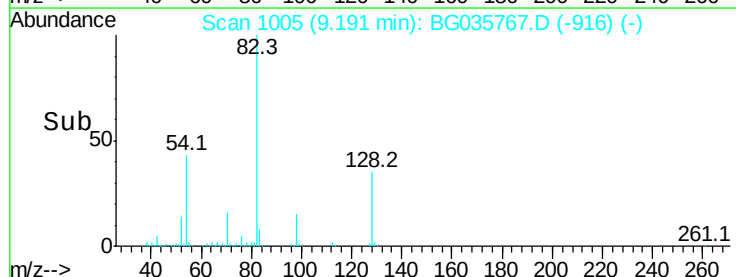


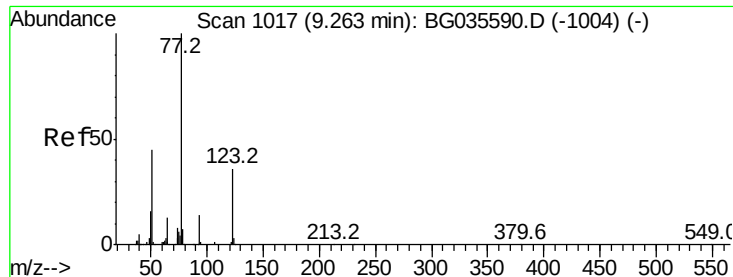
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

Time-->

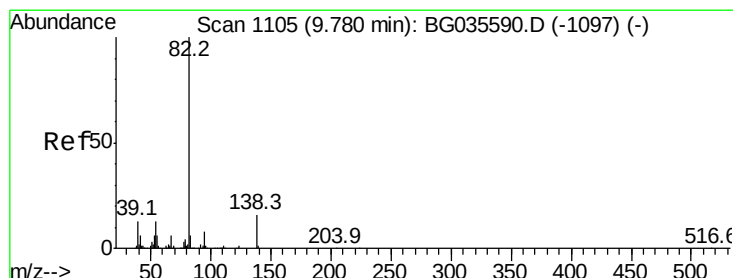
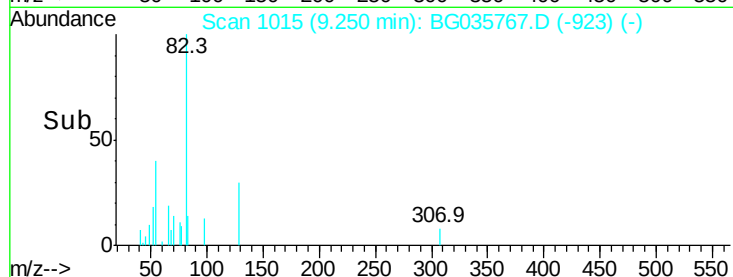
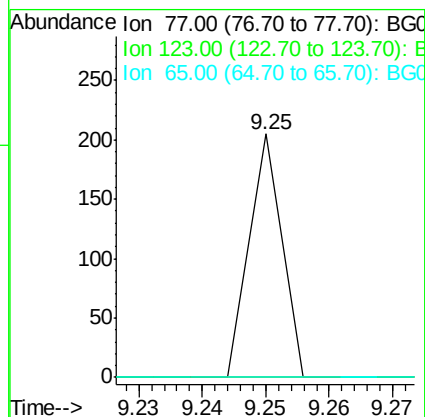
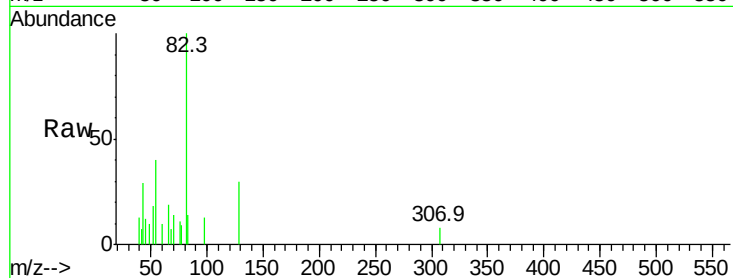




#24
Nitrobenzene
Concen: 0.019 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

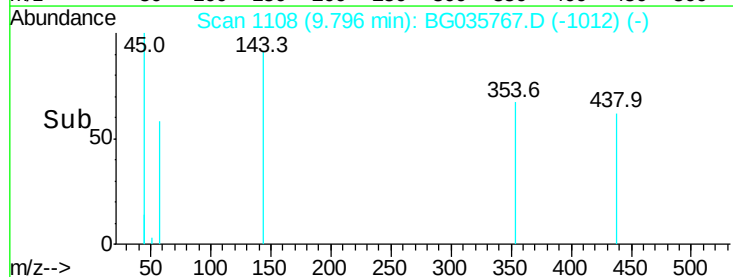
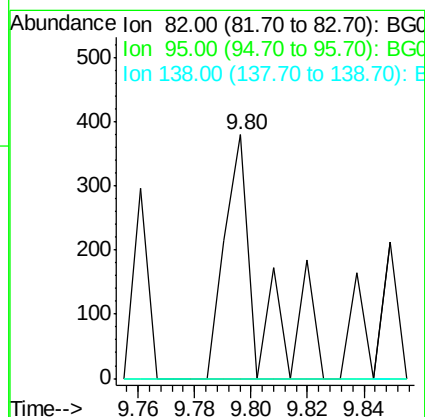
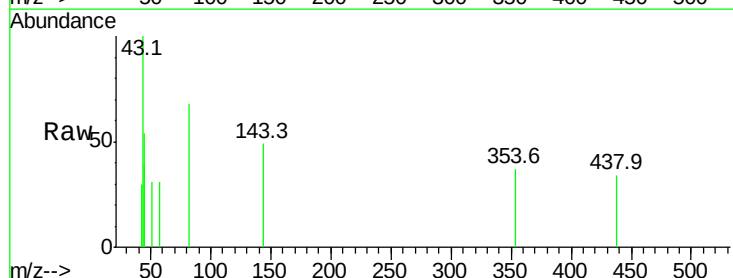
Instrument :
BNA_G
ClientSampled :
MH-3

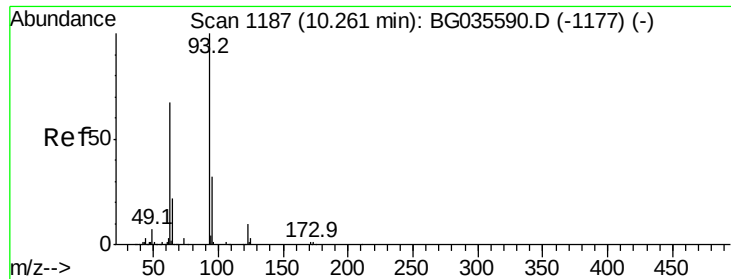
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#



#25
Isophorone
Concen: 0.049 ng
RT: 9.80 min Scan# 1108
Delta R.T. 0.03 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.1	18.1#

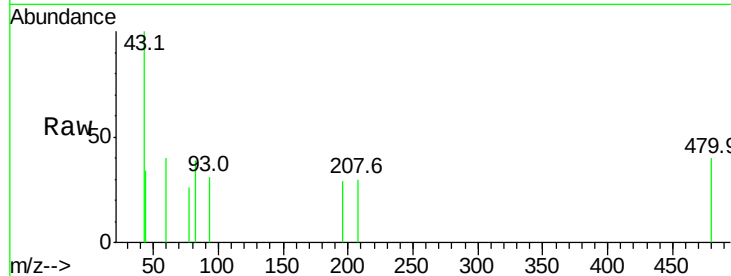




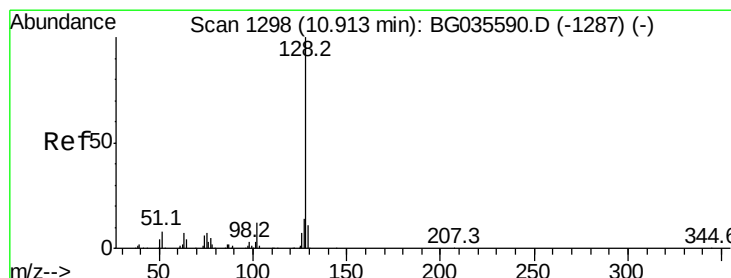
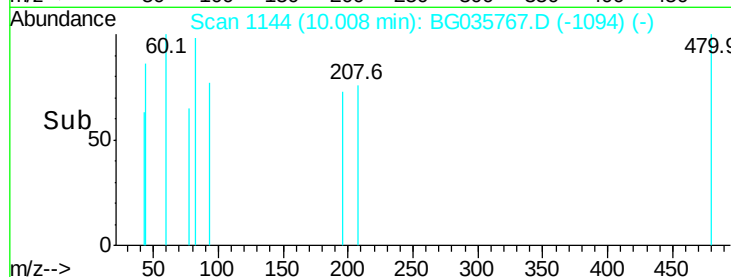
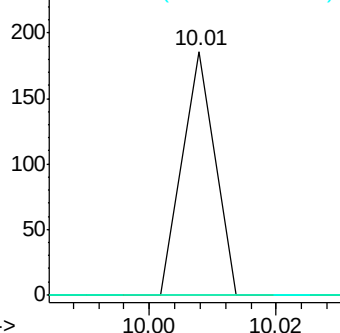
#28
bis(2-Chloroethoxy)methane
Concen: 0.018 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.24 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tot Ion: 93 Resp: 66
Ion Ratio Lower Upper
93 100
95 0.0 24.3 36.5#
123 0.0 8.4 12.6#

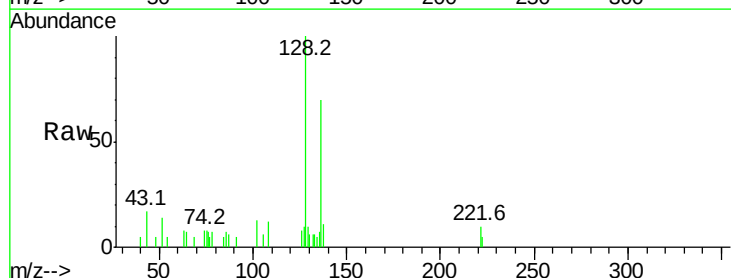


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): BGC

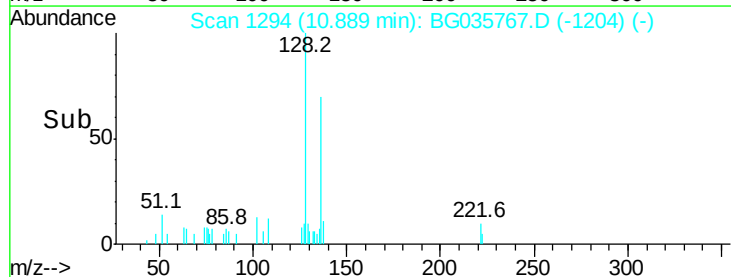
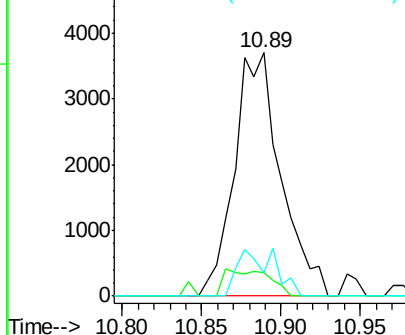


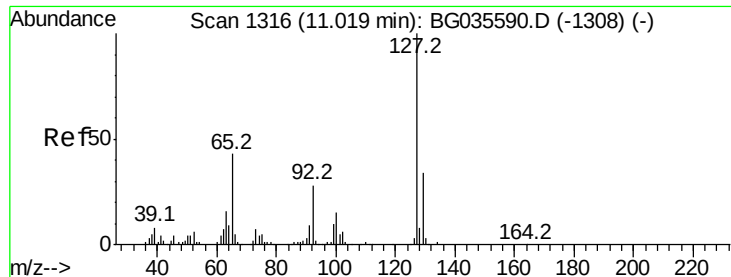
#31
Naphthalene
Concen: 0.941 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion: 128 Resp: 7532
Ion Ratio Lower Upper
128 100
129 9.6 8.6 12.8
127 9.8 11.6 17.4#



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

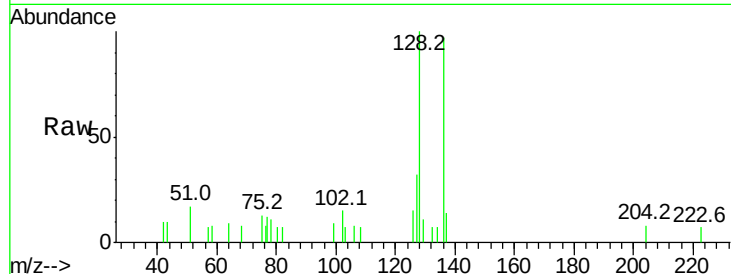




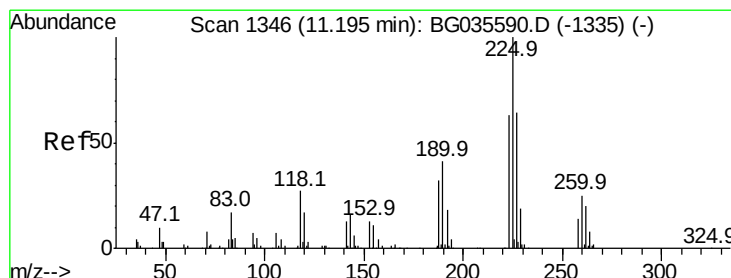
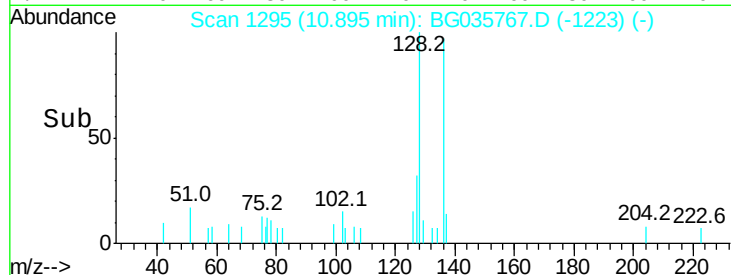
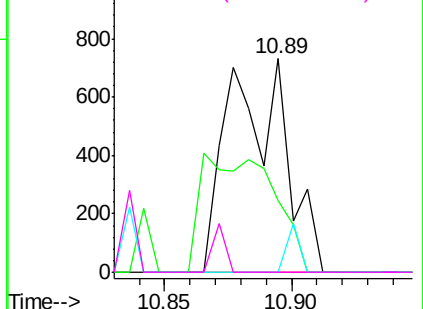
#33
4-Chloroaniline
Concen: 0.329 ng
RT: 10.89 min Scan# 1295
Delta R.T. -0.11 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tot Ion:	127	Resp:	1147
Ion	Ratio	Lower	Upper
127	100		
129	33.6	24.0	36.0
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

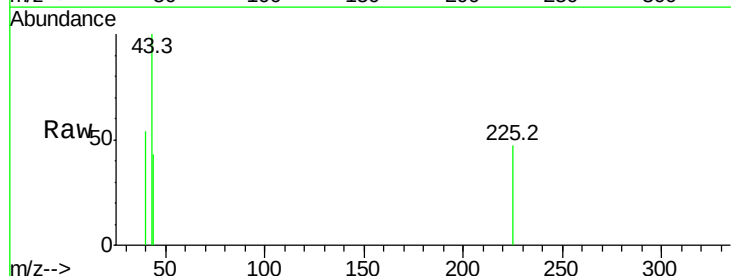


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

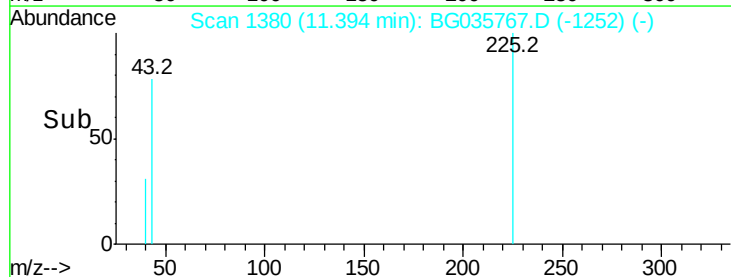
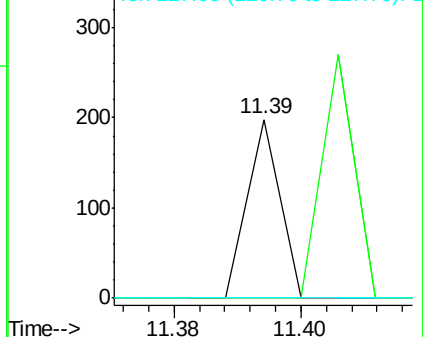


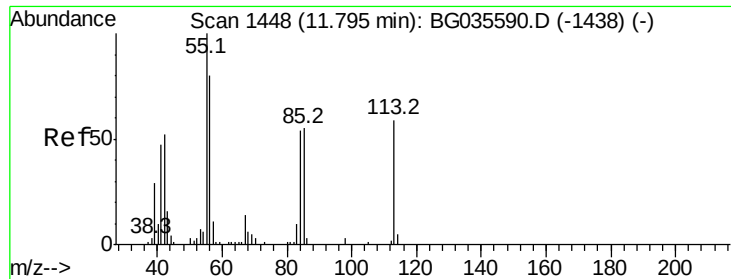
#34
Hexachlorobutadiene
Concen: 0.029 ng
RT: 11.39 min Scan# 1380
Delta R.T. 0.22 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:	225	Resp:	70
Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.7	74.5#
227	0.0	48.1	72.1#



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

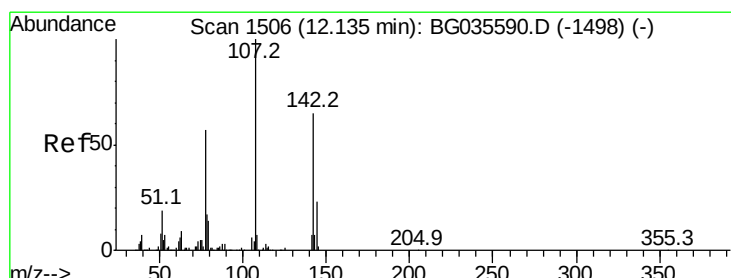
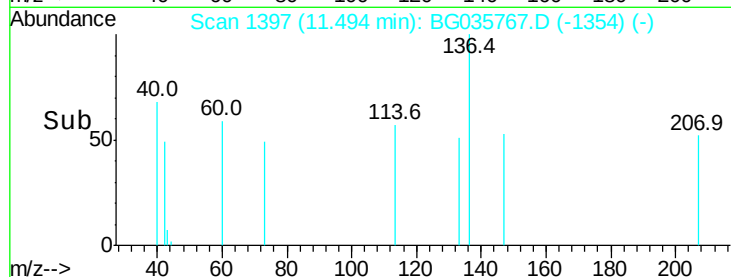
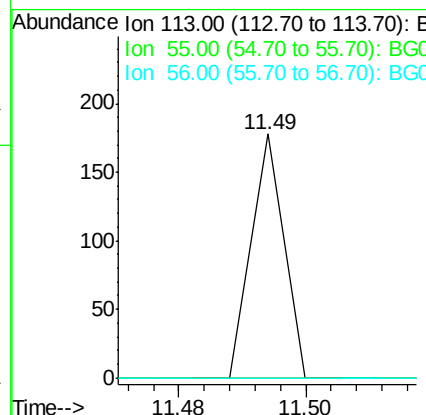
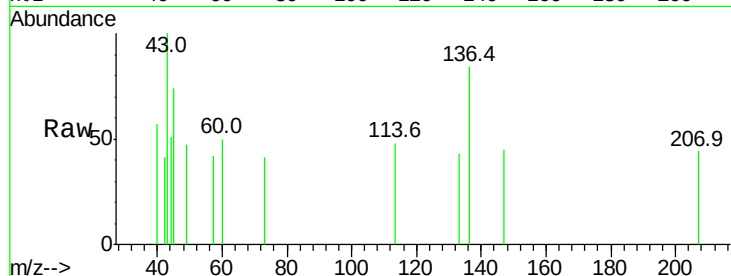




#35
 Caprolactam
 Concen: 0.058 ng
 RT: 11.49 min Scan# 1397
 Delta R.T. -0.28 min
 Lab File: BG035767.D
 Acq: 20 Jul 2018 2:37

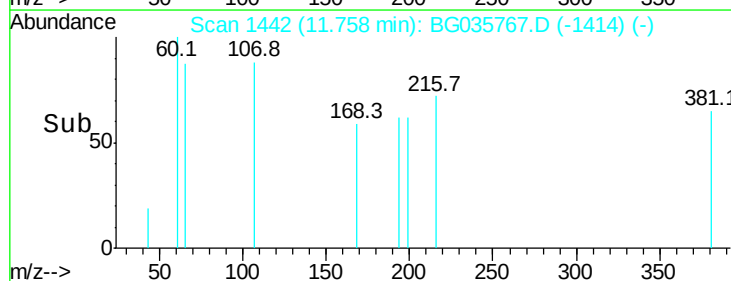
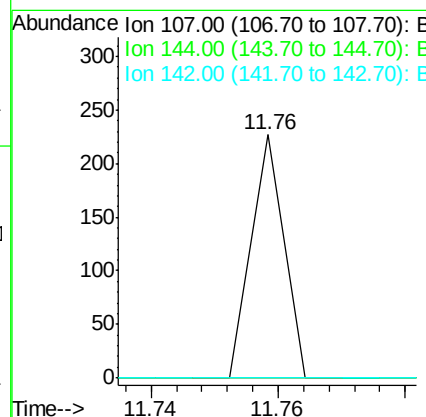
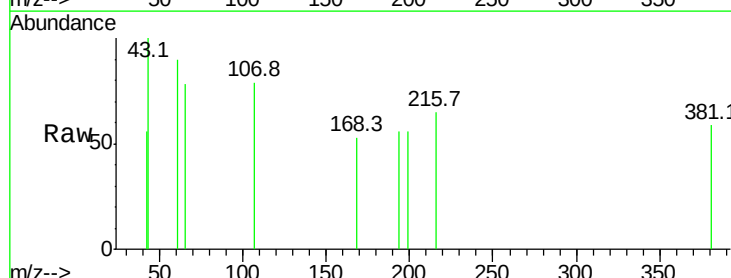
Instrument :
 BNA_G
 ClientSampleId :
 MH-3

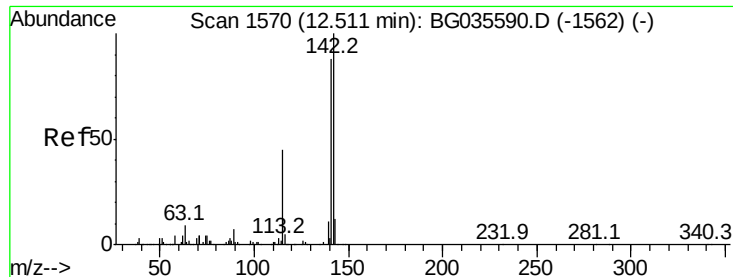
Tot Ion:113 Resp: 63
 Ion Ratio Lower Upper
 113 100
 55 0.0 186.9 226.9#
 56 0.0 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 0.024 ng
 RT: 11.76 min Scan# 1442
 Delta R.T. -0.36 min
 Lab File: BG035767.D
 Acq: 20 Jul 2018 2:37

Tgt Ion:107 Resp: 80
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.2 27.4#
 142 0.0 59.0 88.4#

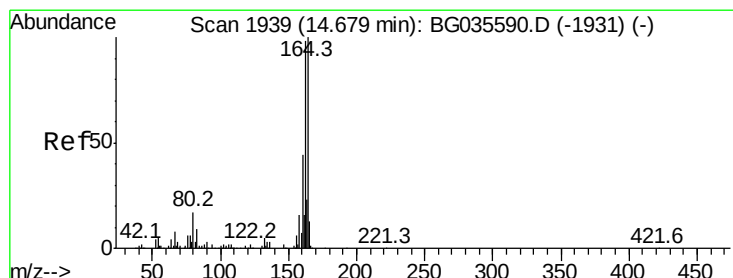
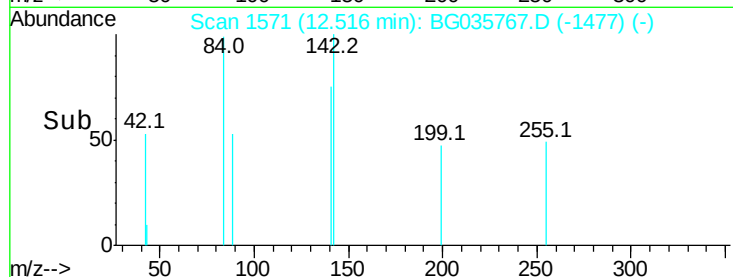
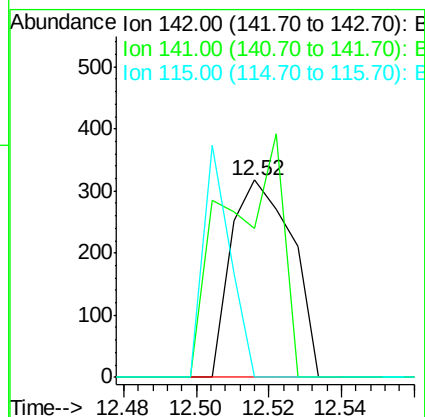
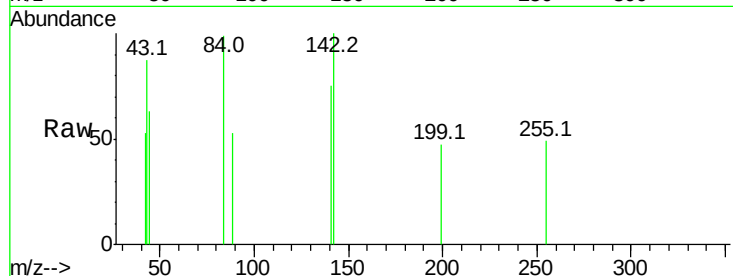




#37
2-Methylnaphthalene
Concen: 0.062 ng
RT: 12.52 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

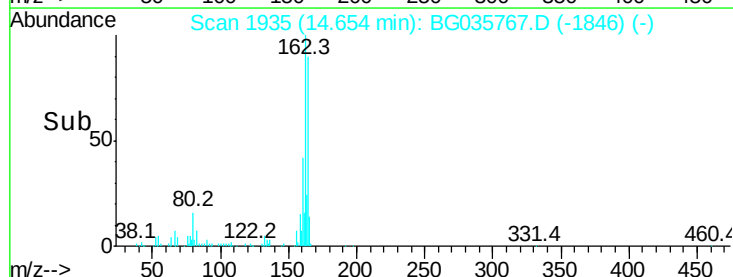
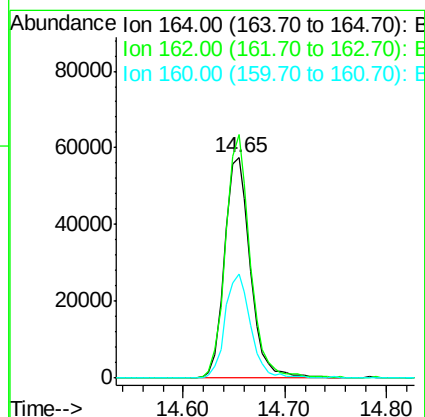
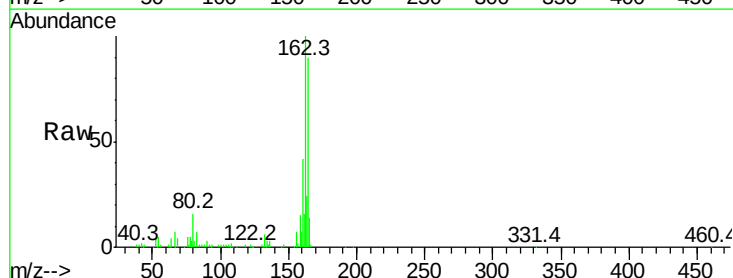
Instrument :
BNA_G
ClientSampled :
MH-3

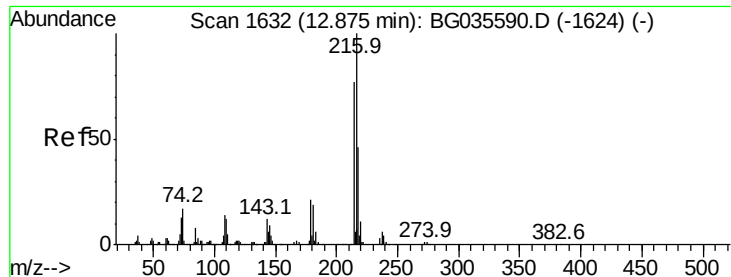
Tot Ion:142 Resp: 371
Ion Ratio Lower Upper
142 100
141 75.5 67.1 100.7
115 0.0 30.7 46.1#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:164 Resp: 101245
Ion Ratio Lower Upper
164 100
162 110.7 78.8 118.2
160 47.0 35.4 53.0

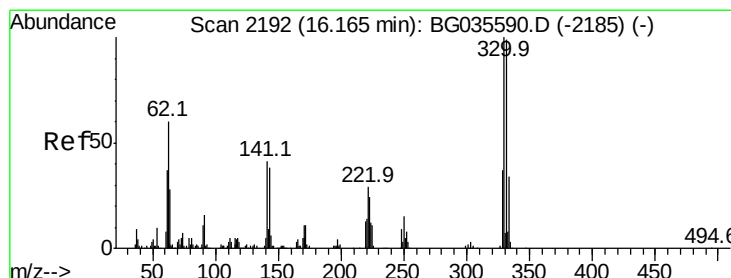
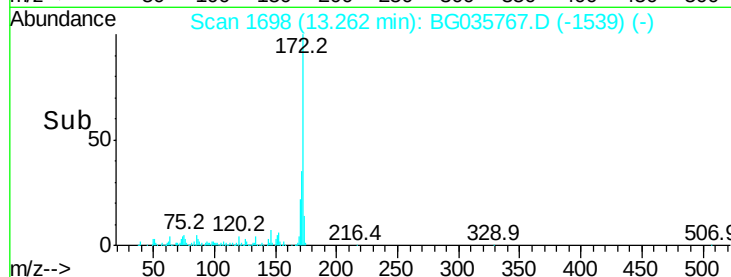
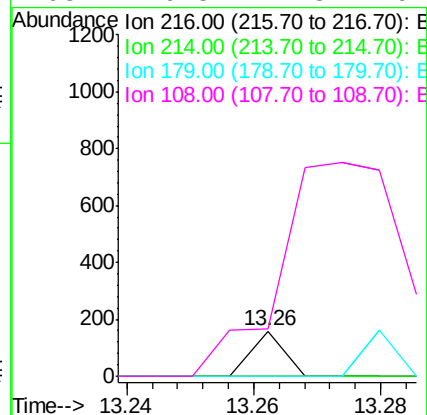
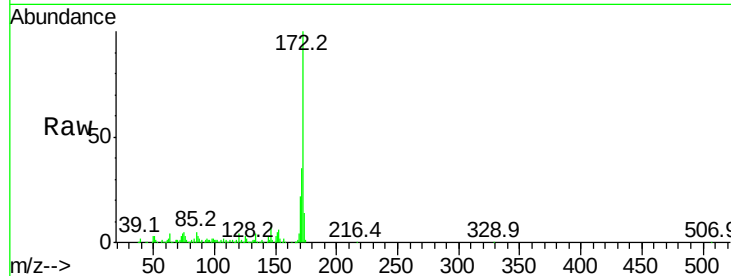




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.015 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. 0.40 min
 Lab File: BG035767.D
 Acq: 20 Jul 2018 2:37

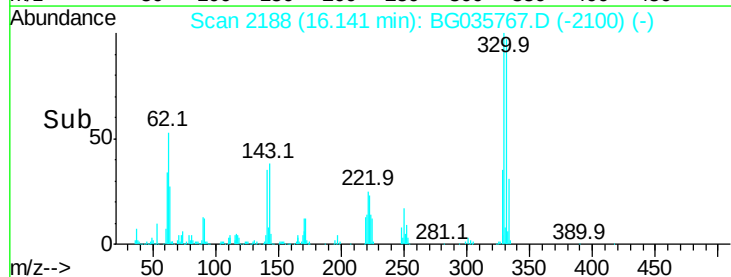
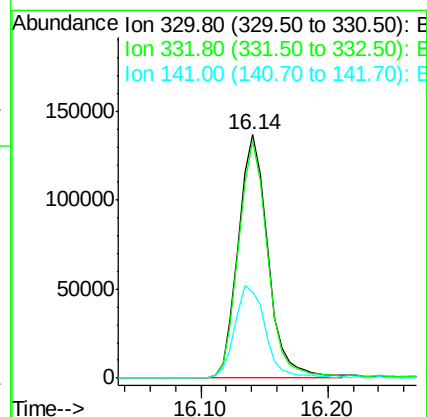
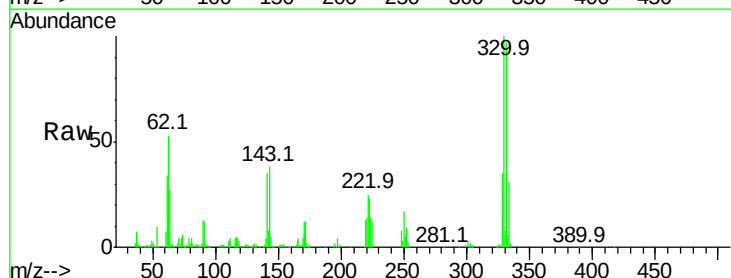
Instrument :
 BNA_G
 ClientSampleId :
 MH-3

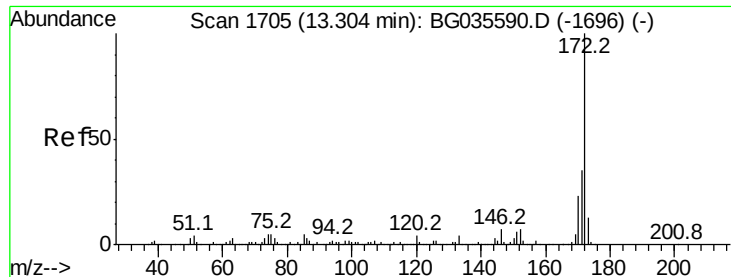
Tot Ion:216 Resp: 56
 Ion Ratio Lower Upper
 216 100
 214 0.0 63.0 94.4#
 179 101.8 17.0 25.6#
 108 1776.8 12.8 19.2#



#41
 2,4,6-Tribromophenol
 Concen: 166.227 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG035767.D
 Acq: 20 Jul 2018 2:37

Tgt Ion:330 Resp: 221826
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 39.2 25.2 37.8#

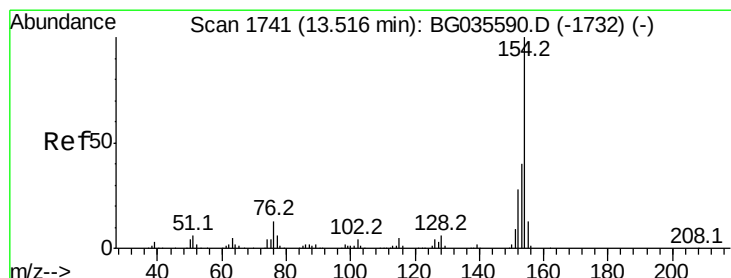
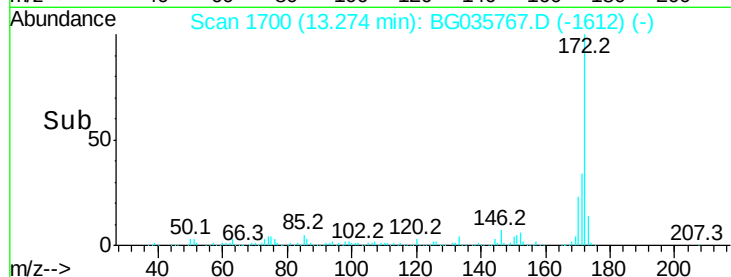
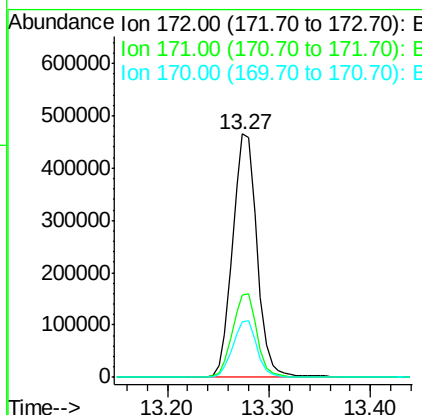
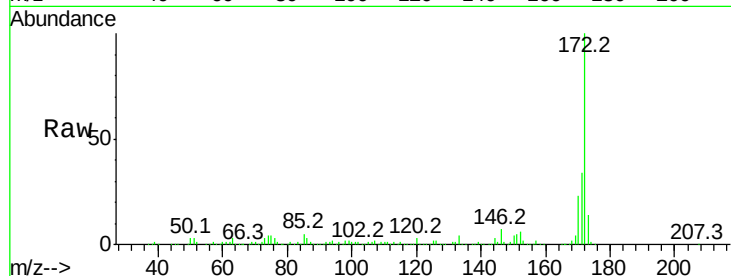




#44
2-Fluorobiphenyl
Concen: 103.052 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

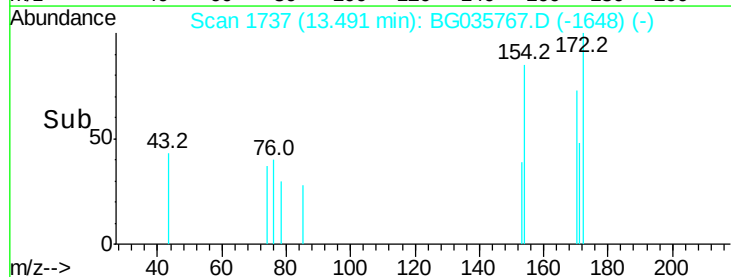
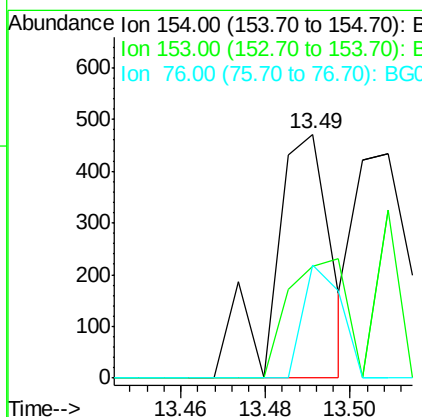
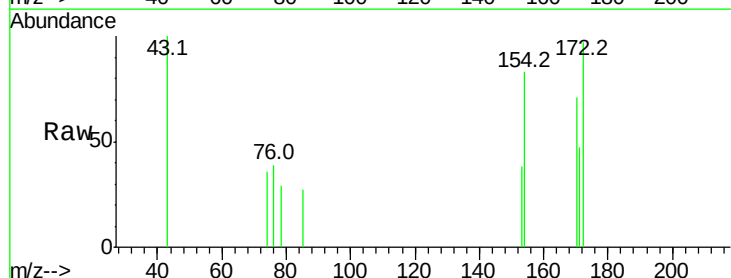
Instrument :
BNA_G
ClientSampleId :
MH-3

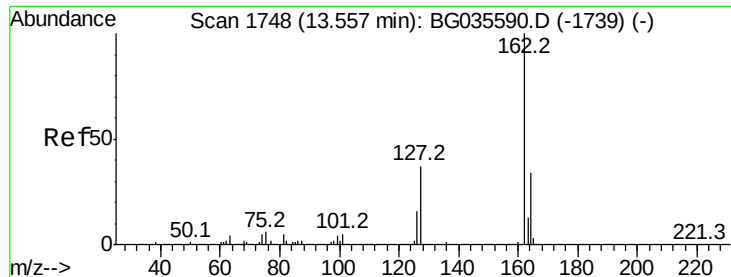
Tot Ion:172 Resp: 778769
Ion Ratio Lower Upper
172 100
171 34.0 30.0 45.0
170 22.9 19.5 29.3



#45
1,1'-Biphenyl
Concen: 0.056 ng
RT: 13.49 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:154 Resp: 442
Ion Ratio Lower Upper
154 100
153 46.1 19.8 59.8
76 46.5 0.0 31.9#

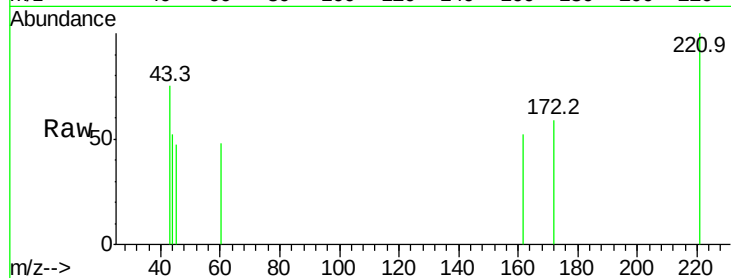




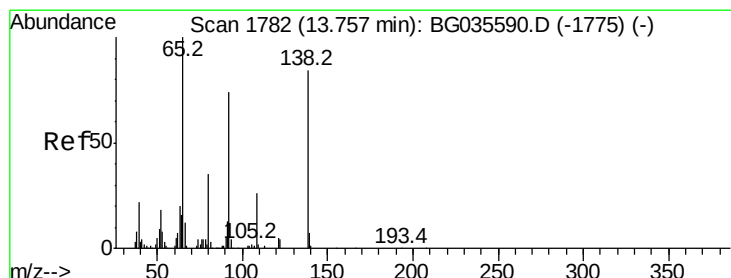
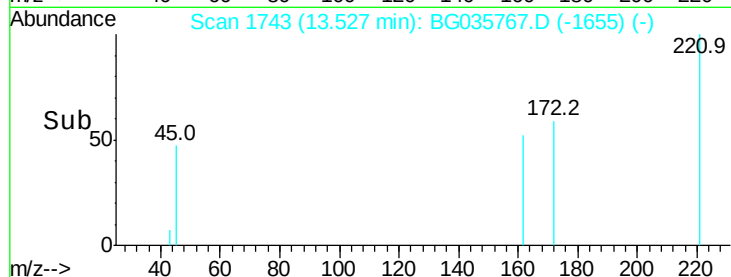
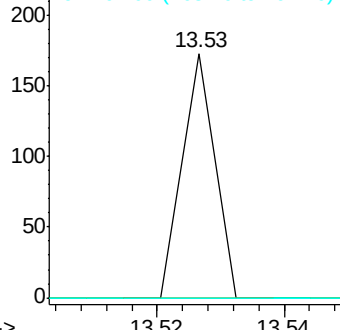
#46
 2-Chloronaphthalene
 Concen: 0.010 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG035767.D
 Acq: 20 Jul 2018 2:37

Instrument :
 BNA_G
 ClientSampled :
 MH-3

Tot Ion:162 Resp: 61
 Ion Ratio Lower Upper
 162 100
 127 0.0 30.7 46.1#
 164 0.0 26.0 39.0#

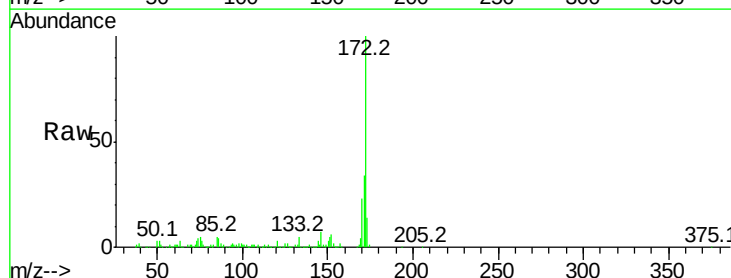


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

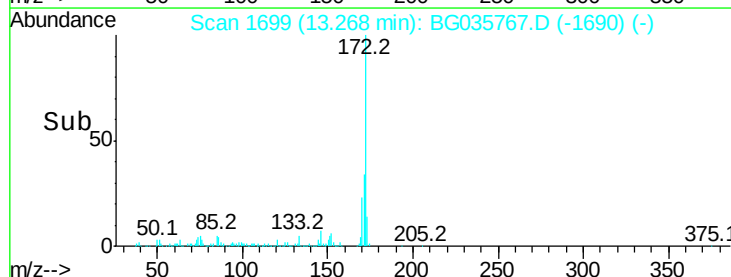
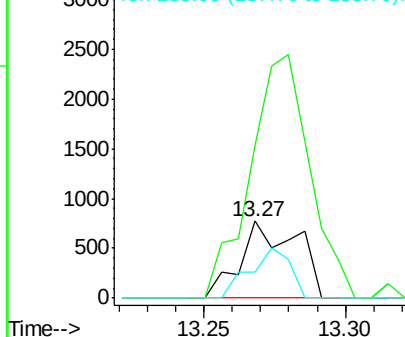


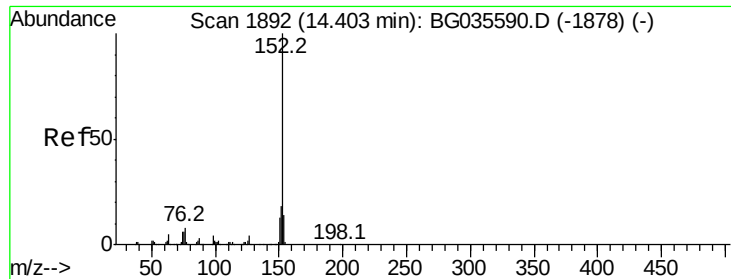
#47
 2-Nitroaniline
 Concen: 0.495 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.48 min
 Lab File: BG035767.D
 Acq: 20 Jul 2018 2:37

Tgt Ion: 65 Resp: 1068
 Ion Ratio Lower Upper
 65 100
 92 198.4 54.6 82.0#
 138 34.2 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: 0.006 ng

RT: 14.38 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampled :

MH-3

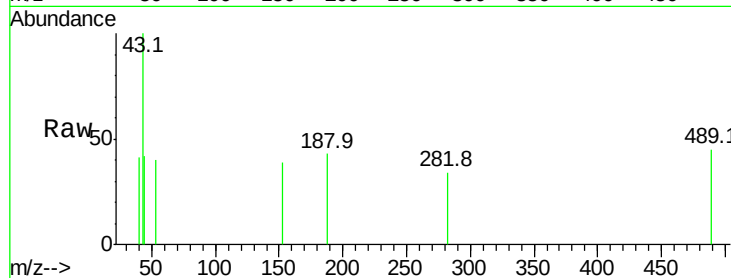
Tot Ion:152 Resp: 64

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

153 0.0 10.2 15.4#

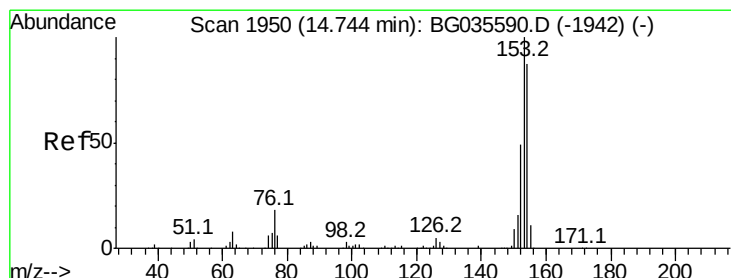
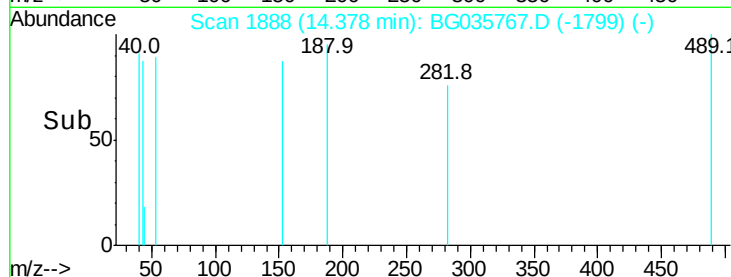
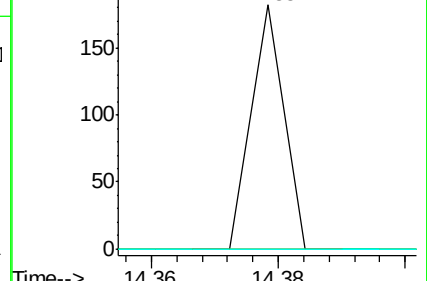


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.38



#51

Acenaphthene

Concen: 0.015 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

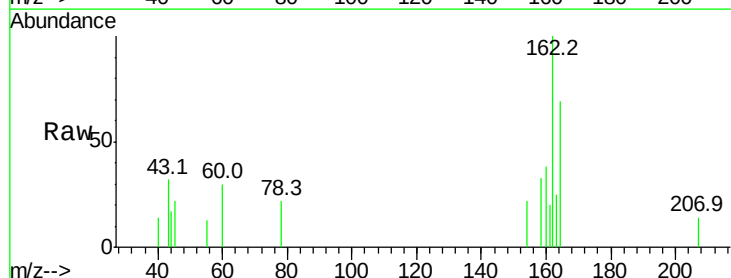
Tgt Ion:154 Resp: 94

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

152 0.0 41.6 62.4#

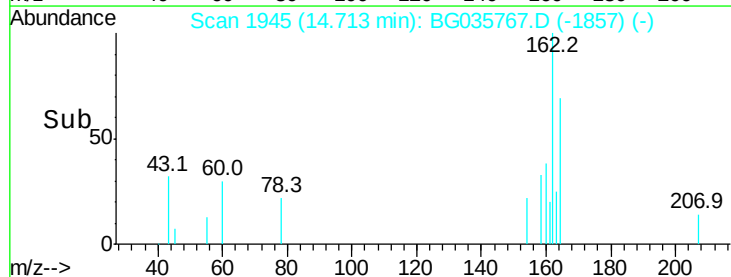
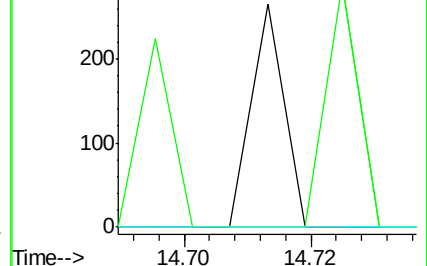


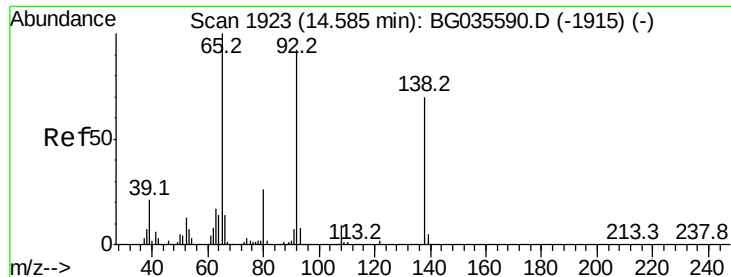
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.71

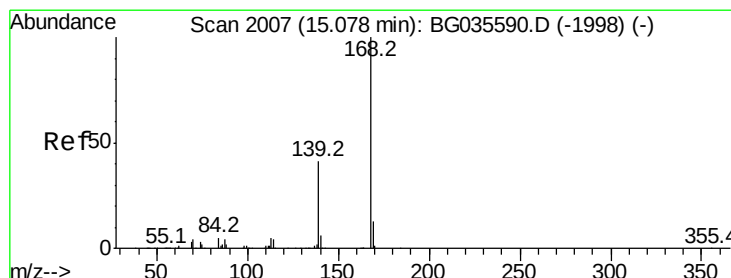
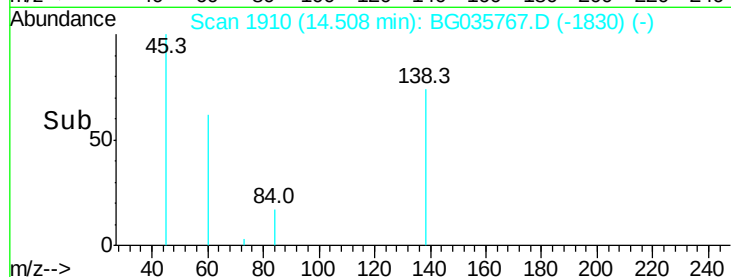
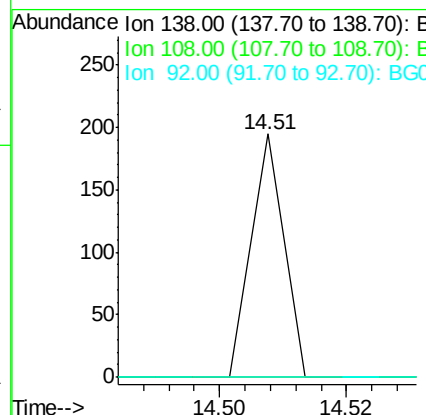
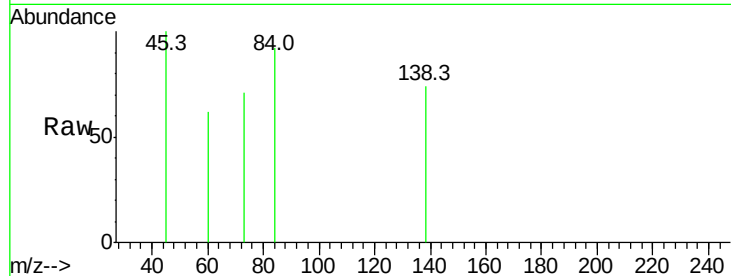




#52
3-Nitroaniline
Concen: 0.037 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.06 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

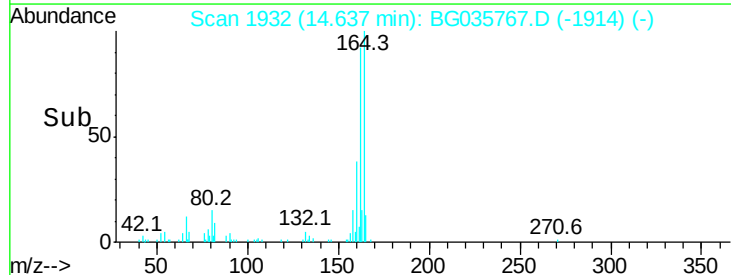
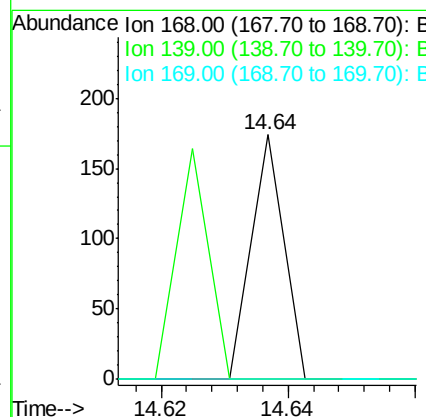
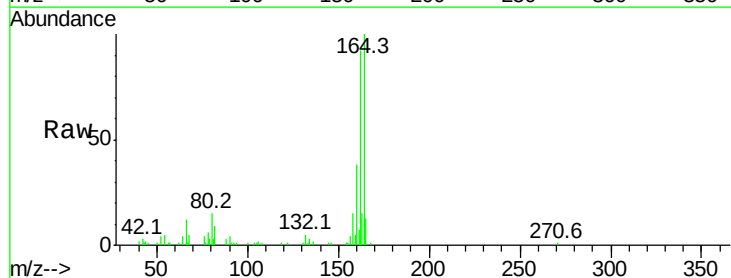
Instrument :
BNA_G
ClientSampled :
MH-3

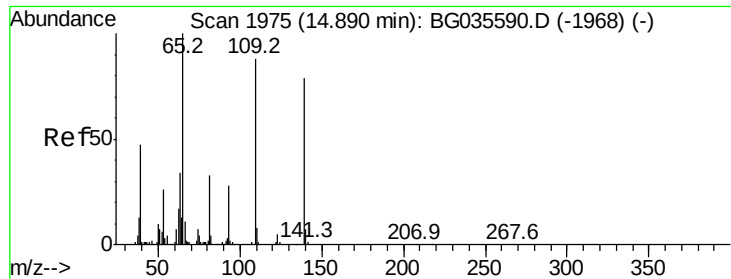
Tot Ion:138 Resp: 69
Ion Ratio Lower Upper
138 100
108 0.0 17.5 26.3#
92 0.0 105.8 158.8#



#54
Dibenzofuran
Concen: 0.006 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.42 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:168 Resp: 61
Ion Ratio Lower Upper
168 100
139 0.0 28.6 43.0#
169 0.0 11.2 16.8#





#55

4-Nitrophenol

Concen: 0.044 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.26 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

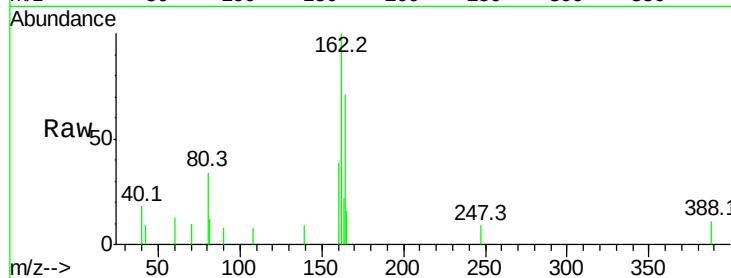
Tot Ion:139 Resp: 58

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

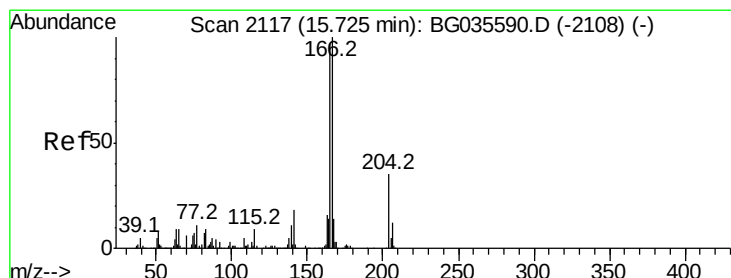
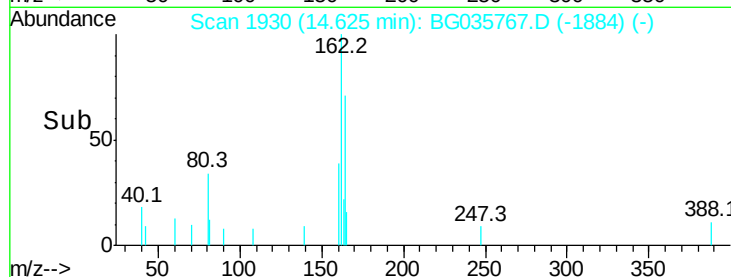
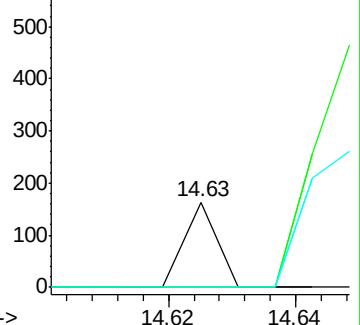
65 0.0 97.2 137.2#



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



#57

Fluorene

Concen: 0.876 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.43 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

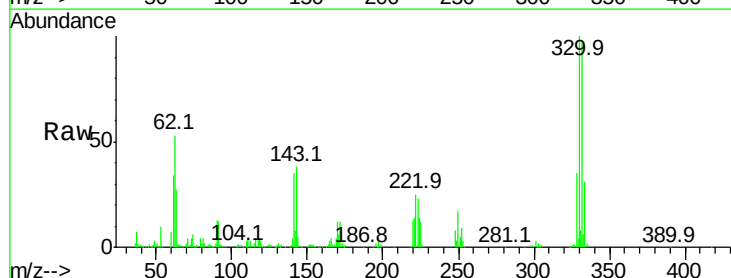
Tgt Ion:166 Resp: 7439

Ion Ratio Lower Upper

166 100

165 84.5 80.6 121.0

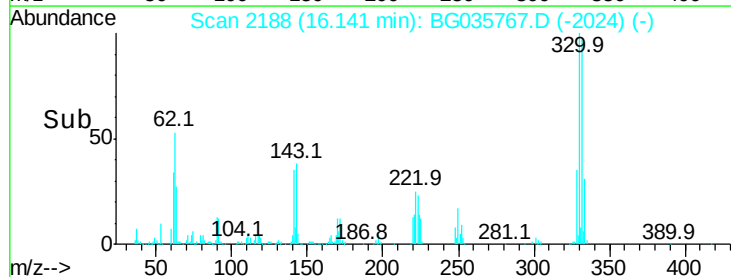
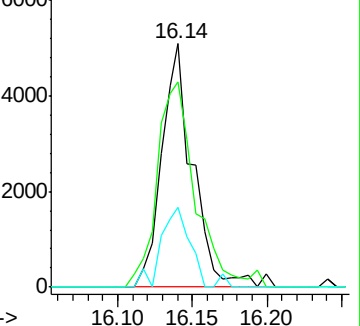
167 32.9 10.4 15.6#

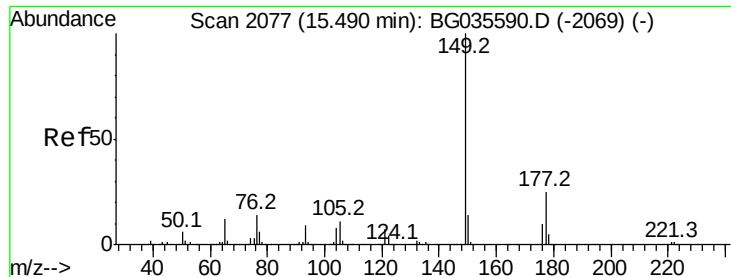


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

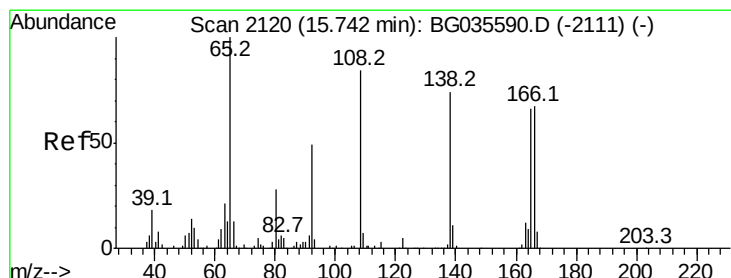
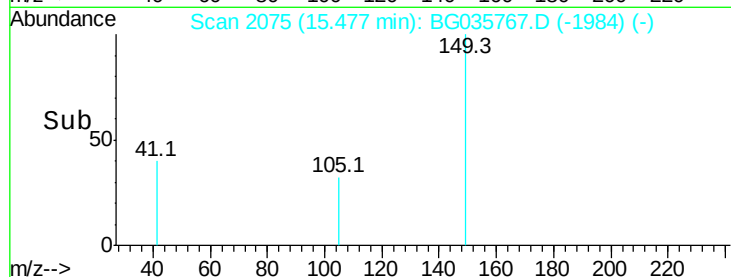
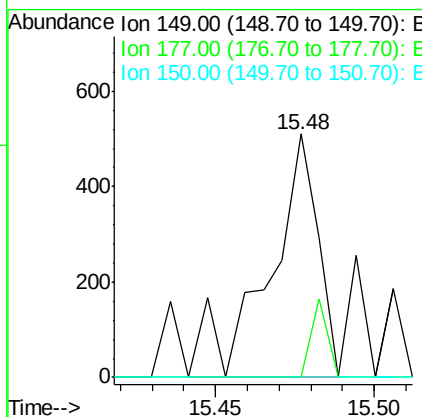
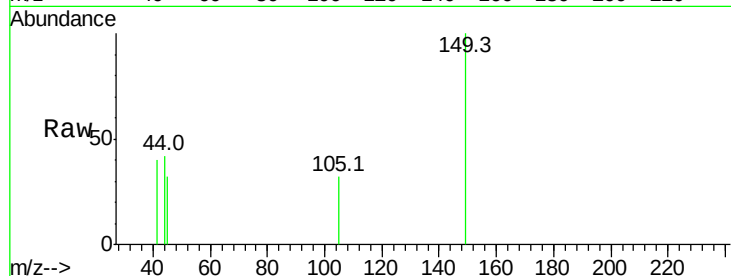




#59
 Diethylphthalate
 Concen: 0.061 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.01 min
 Lab File: BG035767.D
 Acq: 20 Jul 2018 2:37

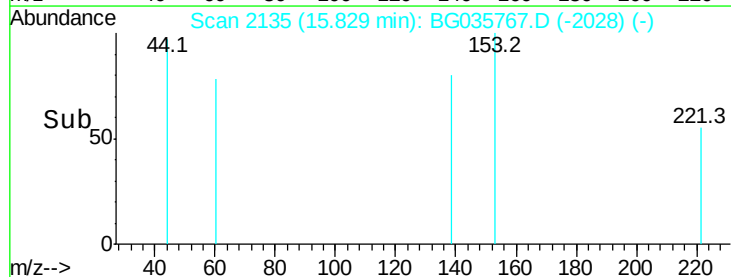
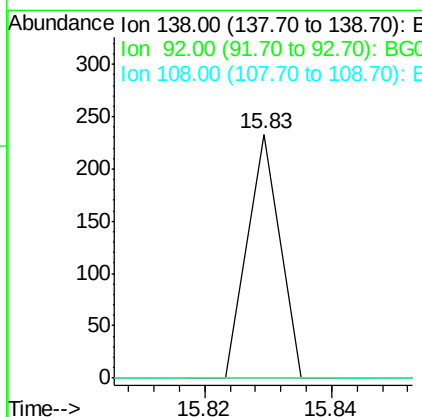
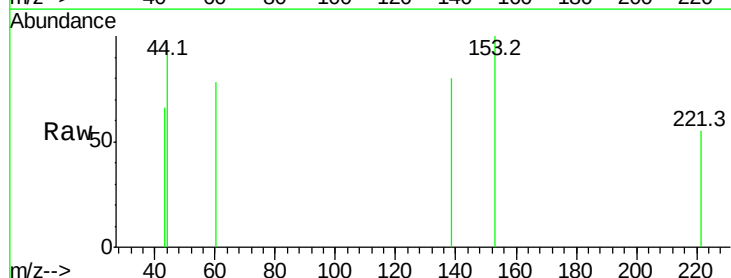
Instrument :
 BNA_G
 ClientSampleId :
 MH-3

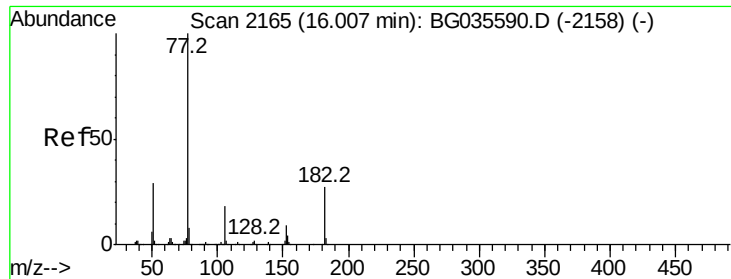
Tot Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.5	27.7#
150	0.0	10.2	15.2#



#61
 4-Nitroaniline
 Concen: 0.042 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. 0.10 min
 Lab File: BG035767.D
 Acq: 20 Jul 2018 2:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.1	80.1#
108	0.0	65.4	105.4#





#62

Azobenzene

Concen: 0.006 ng

RT: 15.91 min Scan# 2148

Delta R.T. -0.08 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

Tot Ion: 77 Resp: 55

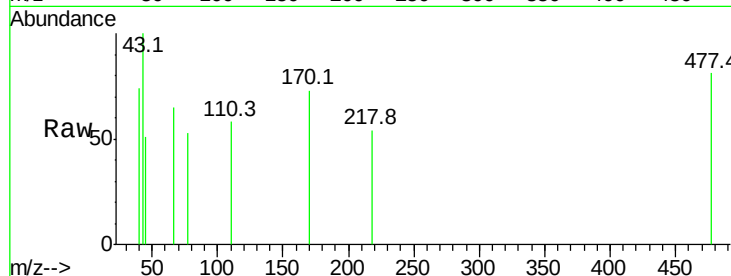
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 0.0 11.6 51.6#

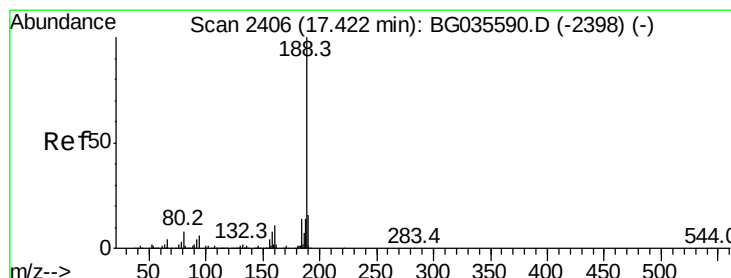
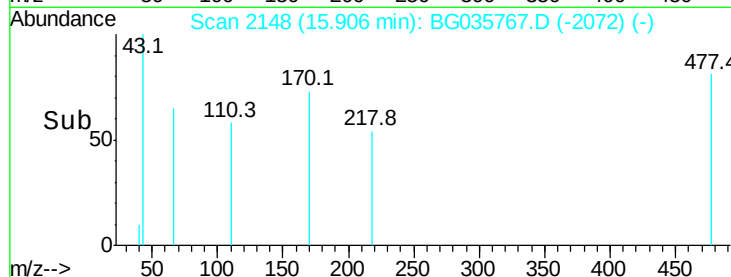
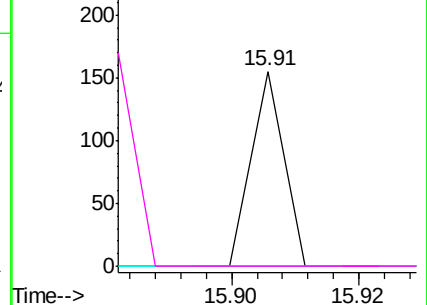


Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

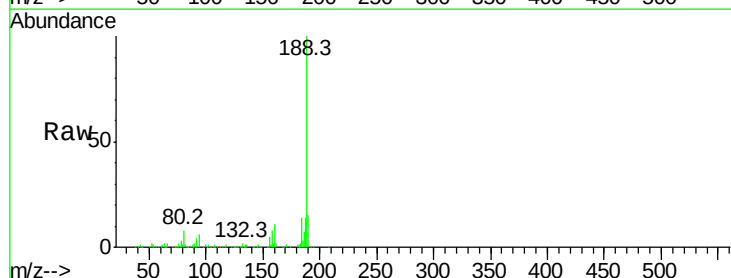
Tgt Ion: 188 Resp: 283843

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

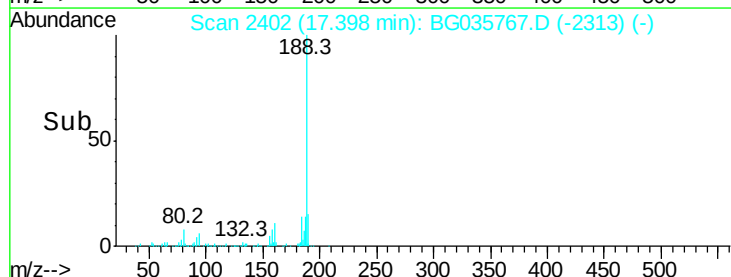
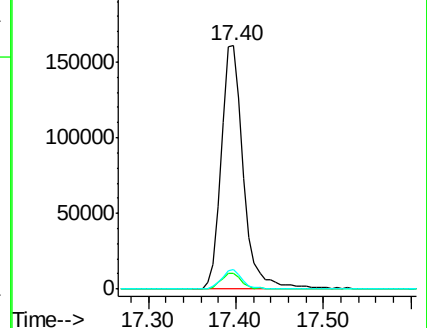
80 8.3 7.7 11.5

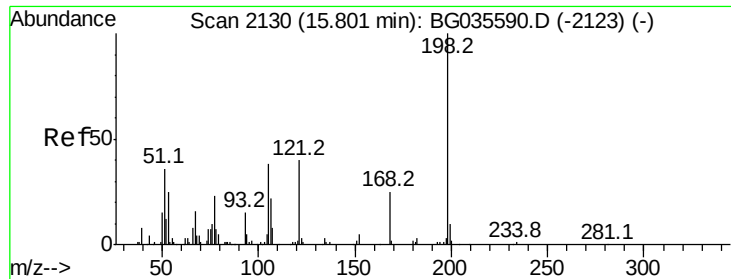


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#64

4,6-Dinitro-2-methylphenol

Concen: 0.489 ng

RT: 16.13 min Scan# 2187

Delta R.T. 0.35 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampled :

MH-3

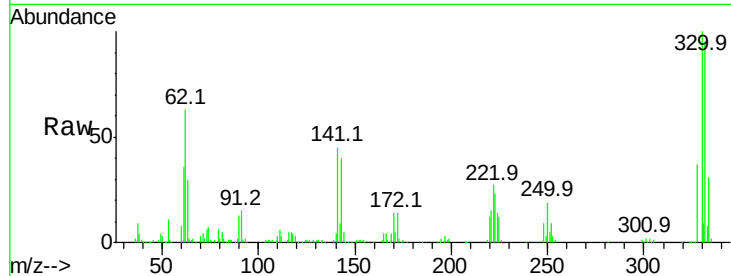
Tot Ion:198 Resp: 773

Ion Ratio Lower Upper

198 100

51 55.2 30.6 70.6

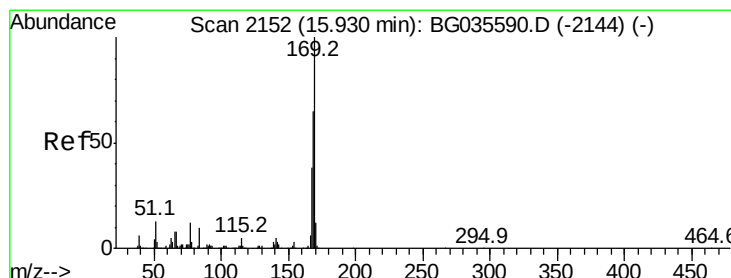
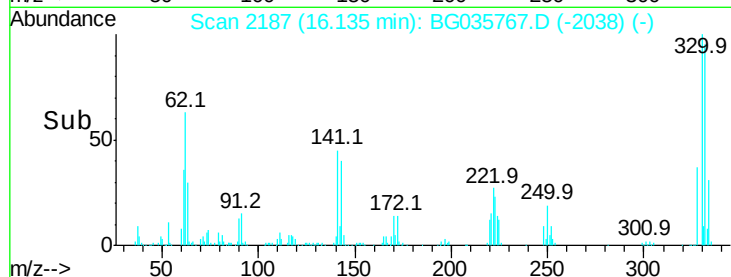
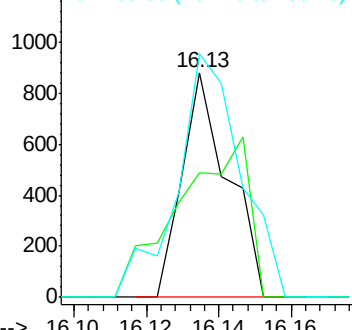
105 108.3 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG035590.D (-2123) (-)

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 1.057 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.23 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

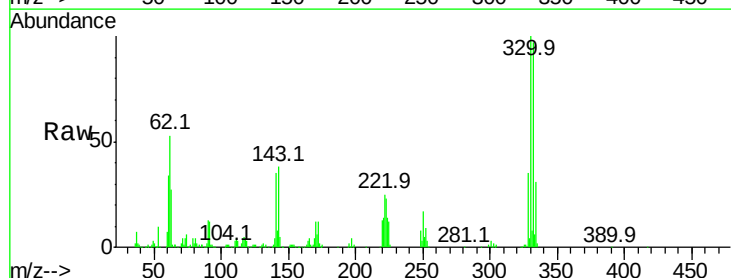
Tgt Ion:169 Resp: 8536

Ion Ratio Lower Upper

169 100

168 16.2 55.7 83.5#

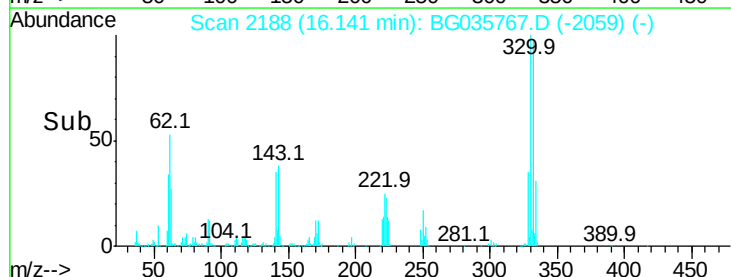
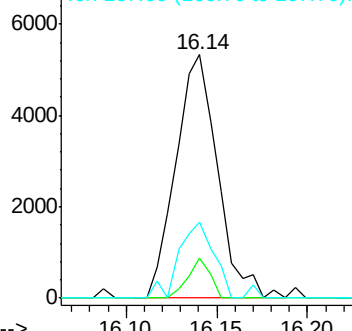
167 31.4 30.1 45.1

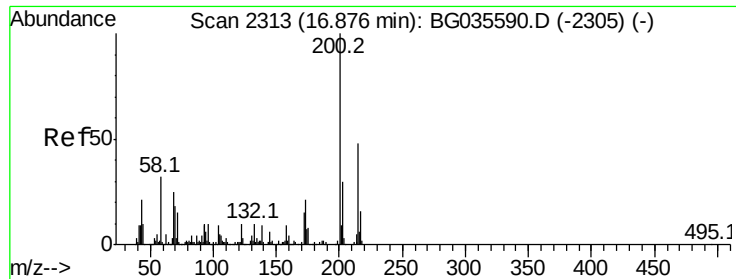


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Atrazine

Concen: 0.026 ng

RT: 17.26 min Scan# 2379

Delta R.T. 0.40 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampled :

MH-3

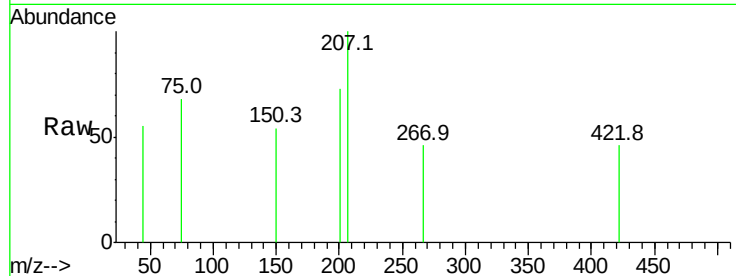
Tot Ion:200 Resp: 87

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

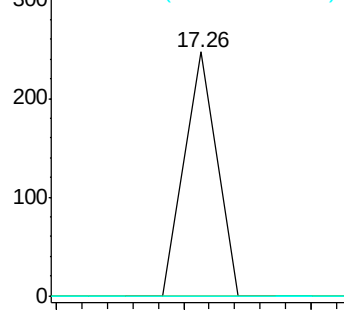
215 0.0 30.4 70.4#



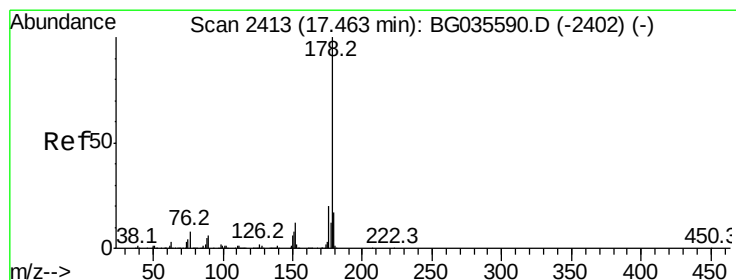
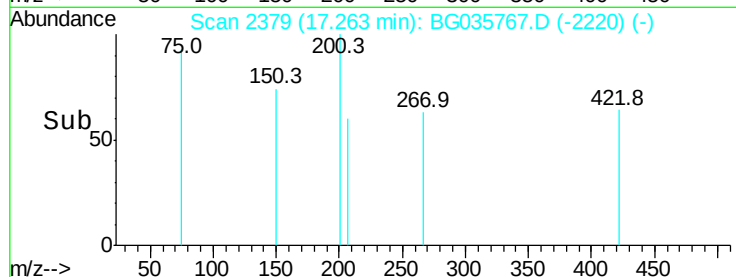
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time--> 17.24 17.26 17.28



#70

Phenanthrene

Concen: 0.022 ng

RT: 17.44 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

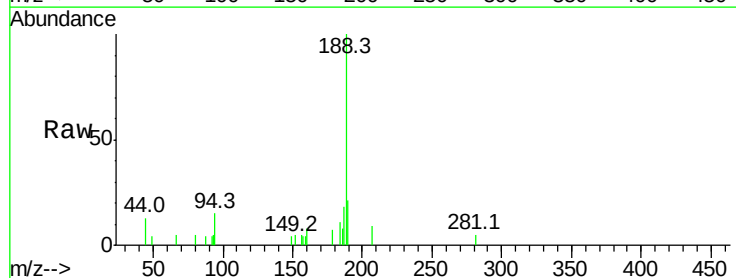
Tgt Ion:178 Resp: 305

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

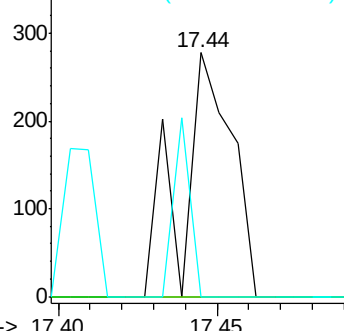
179 0.0 12.5 18.7#



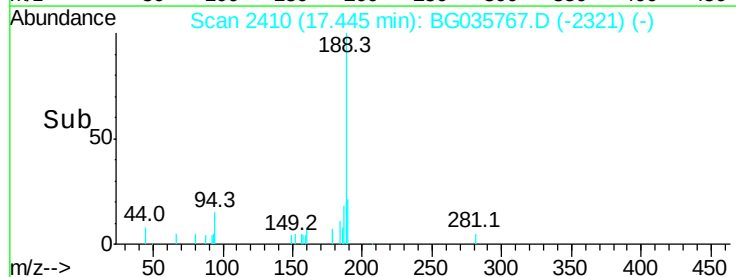
Abundance Ion 178.00 (177.70 to 178.70): E

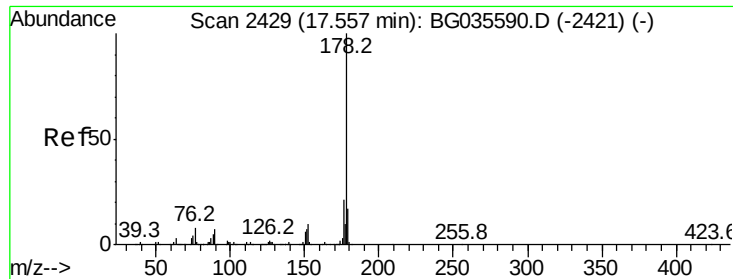
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.40 17.45

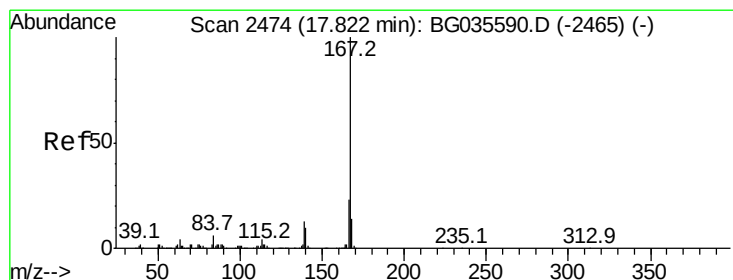
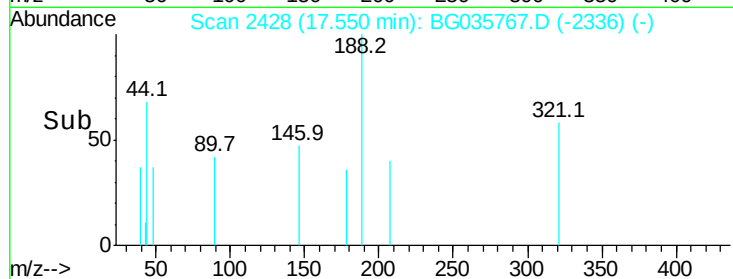
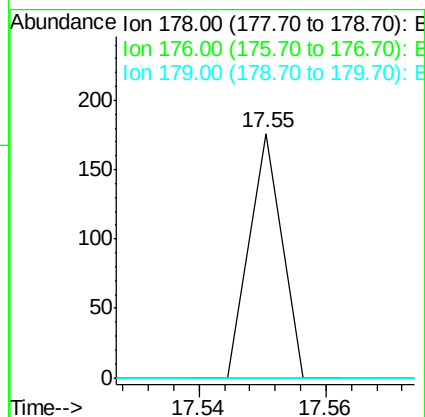
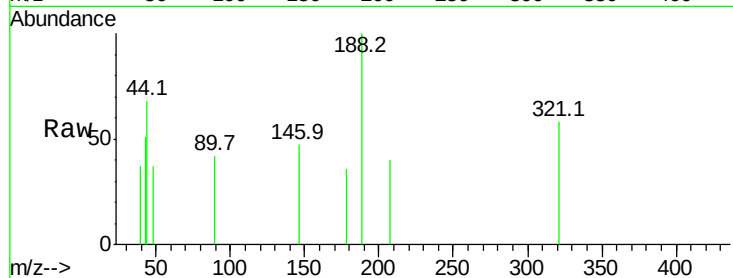




#71
 Anthracene
 Concen: 0.004 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. 0.01 min
 Lab File: BG035767.D
 Acq: 20 Jul 2018 2:37

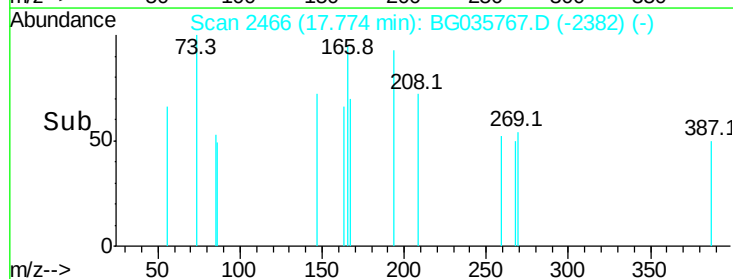
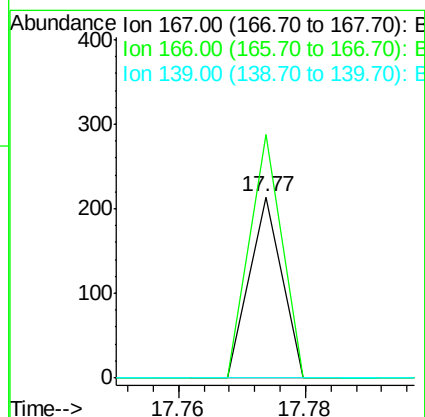
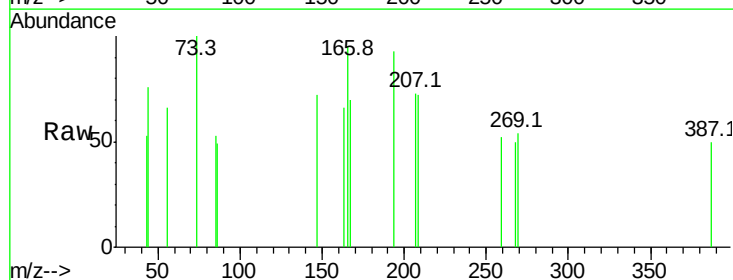
Instrument :
 BNA_G
 ClientSampled :
 MH-3

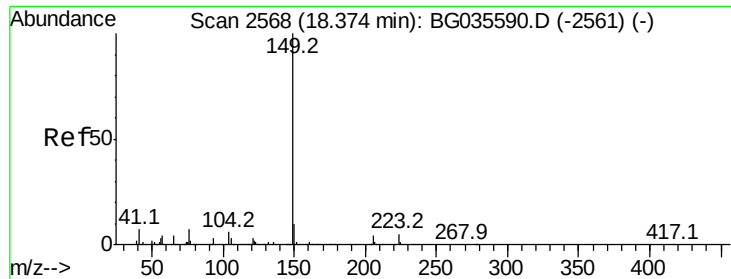
Tot Ion:178 Resp: 62
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.0 24.0#
 179 0.0 12.5 18.7#



#72
 Carbazole
 Concen: 0.006 ng
 RT: 17.77 min Scan# 2466
 Delta R.T. -0.04 min
 Lab File: BG035767.D
 Acq: 20 Jul 2018 2:37

Tgt Ion:167 Resp: 75
 Ion Ratio Lower Upper
 167 100
 166 134.6 18.2 27.4#
 139 0.0 9.4 14.2#

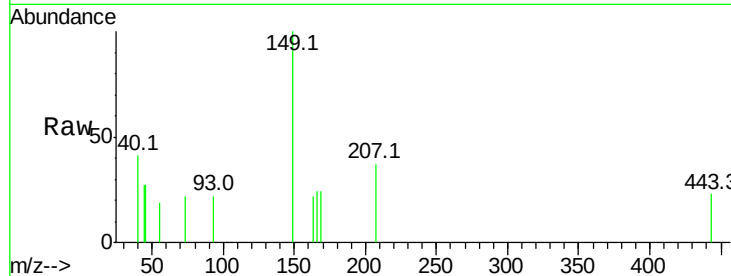




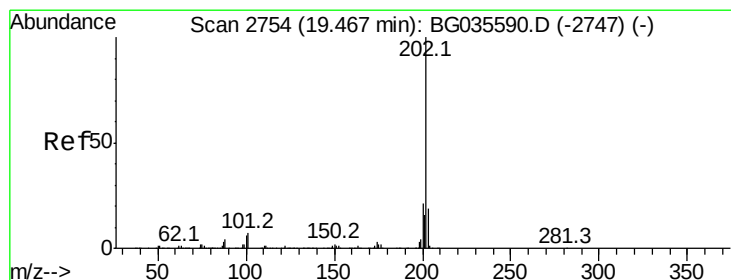
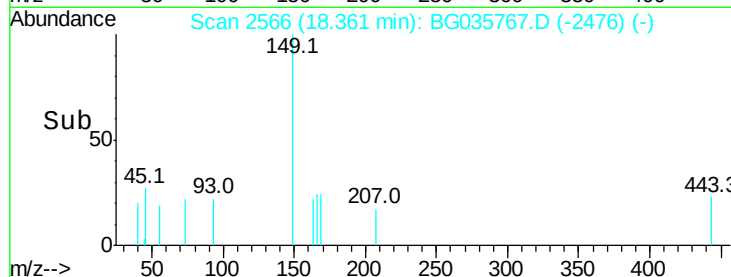
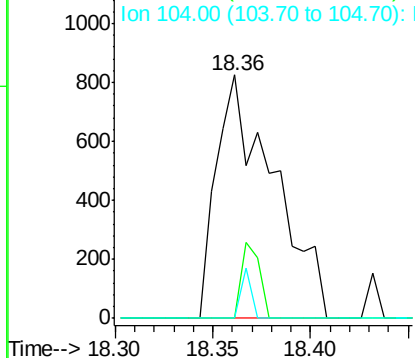
#73
Di-n-butylphthalate
Concen: 0.106 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.00 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampled :
MH-3

Tot Ion:149 Resp: 1674
Ion Ratio Lower Upper
149 100
150 0.0 7.8 11.6#
104 0.0 3.9 5.9#

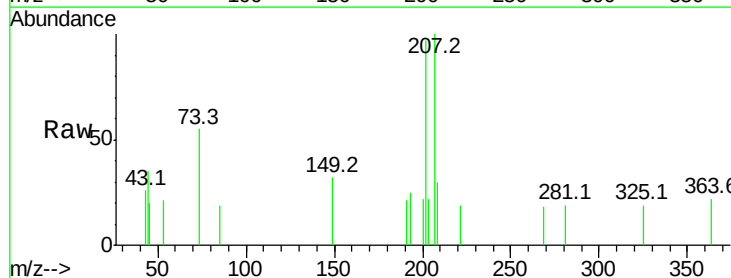


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

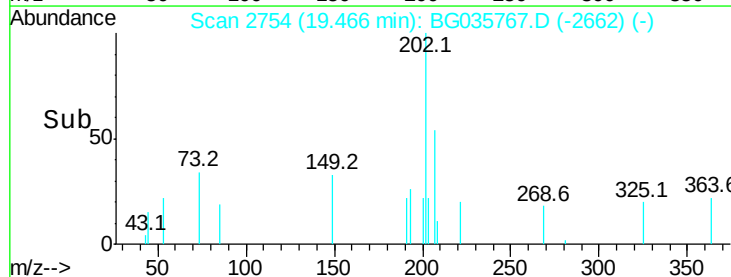
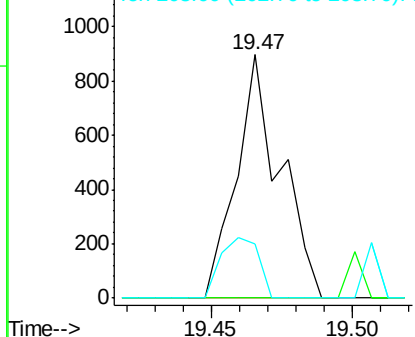


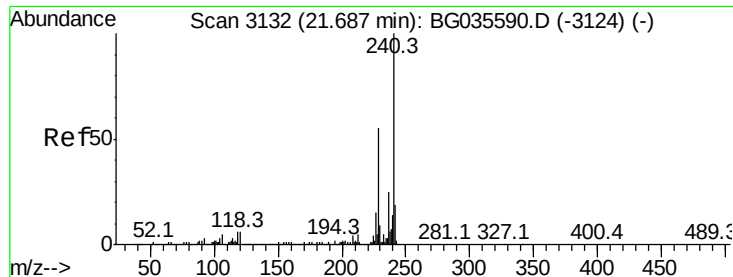
#74
Fluoranthene
Concen: 0.050 ng
RT: 19.47 min Scan# 2754
Delta R.T. 0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:202 Resp: 961
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.9
203 22.4 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: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

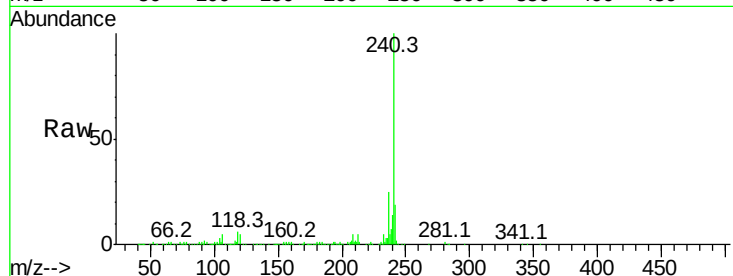
Tot Ion:240 Resp: 340018

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

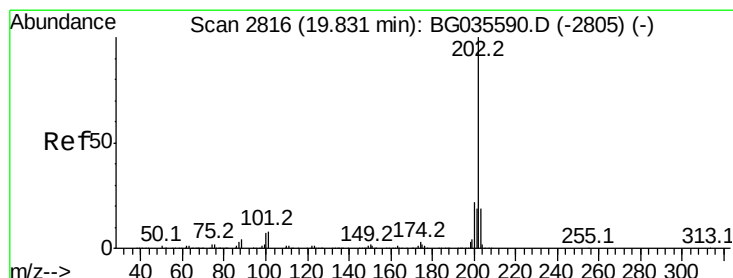
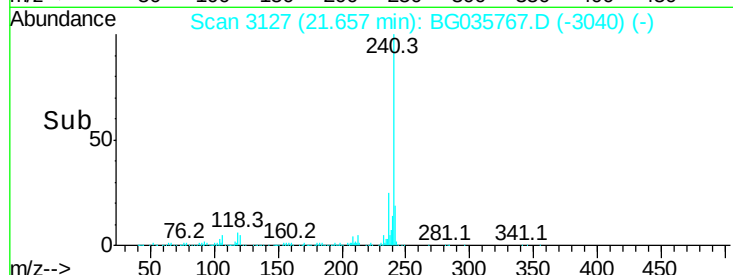
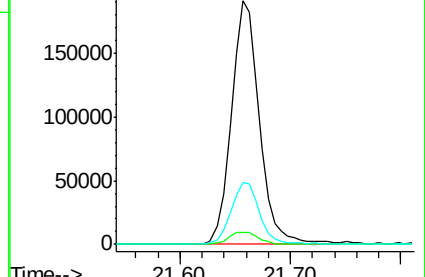
236 25.3 20.9 31.3



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



#77

Pyrene

Concen: 0.066 ng

RT: 19.82 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

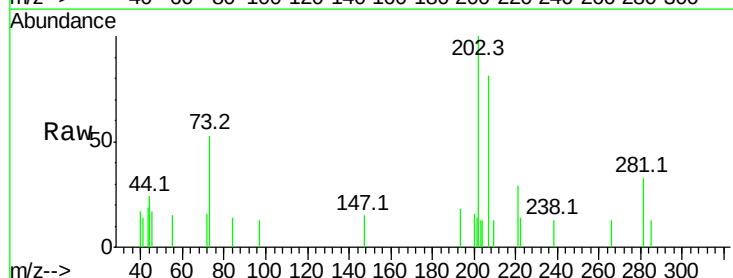
Tgt Ion:202 Resp: 1424

Ion Ratio Lower Upper

202 100

200 16.0 16.9 25.3#

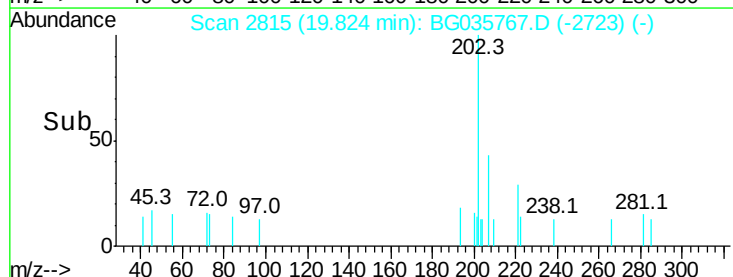
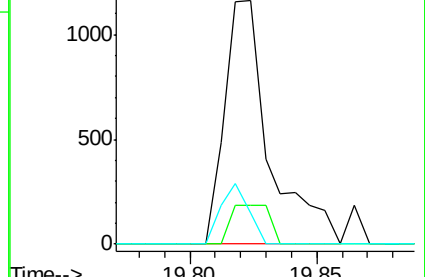
203 13.0 13.9 20.9#

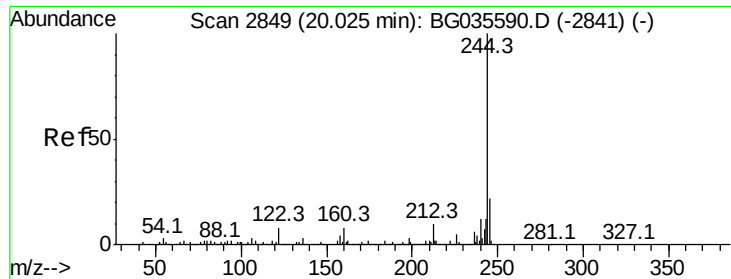


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 109.060 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

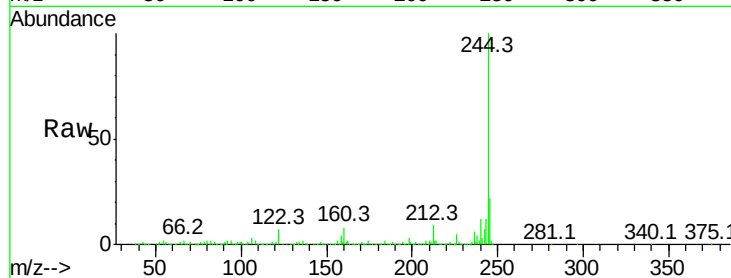
Tot Ion:244 Resp: 1682275

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

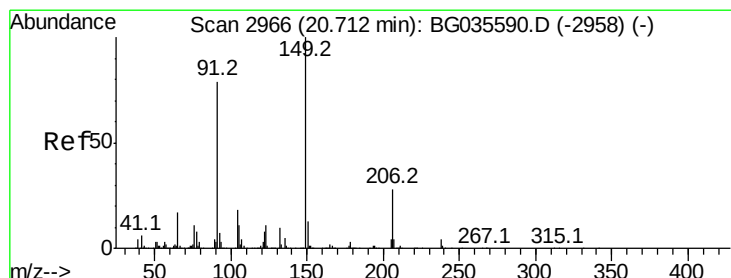
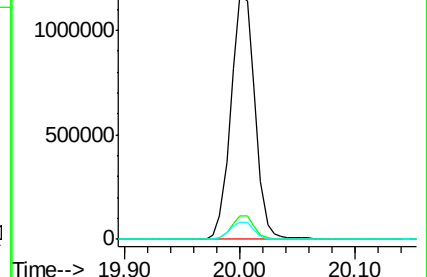
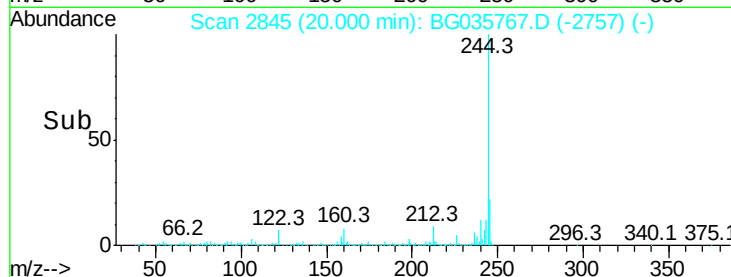
122 7.2 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.081 ng

RT: 20.68 min Scan# 2961

Delta R.T. -0.02 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

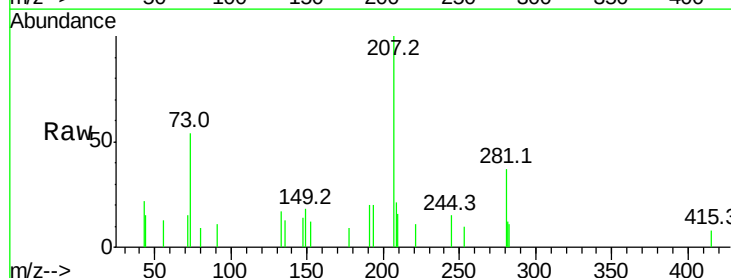
Tgt Ion:149 Resp: 619

Ion Ratio Lower Upper

149 100

91 60.1 62.2 93.2#

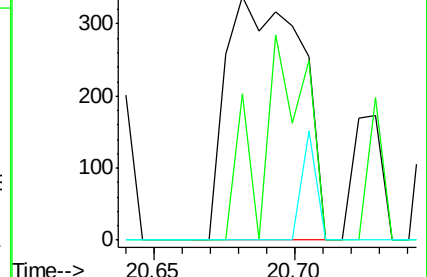
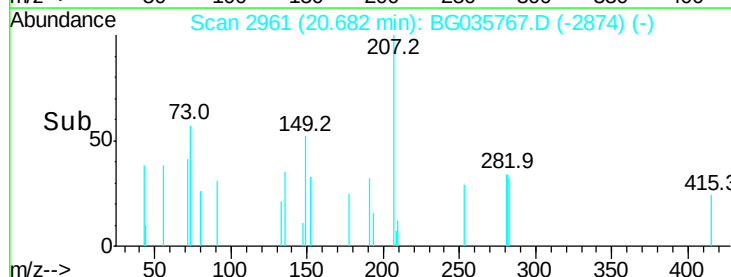
206 0.0 18.6 27.8#

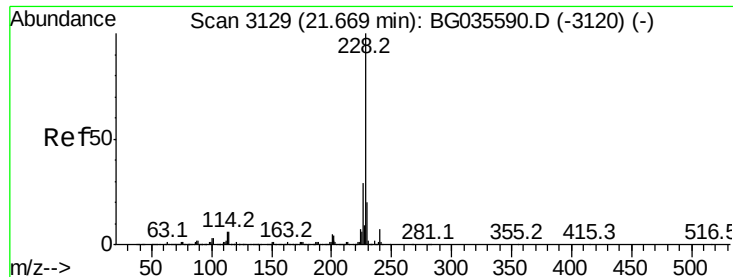


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.094 ng

RT: 21.66 min Scan# 3128

Delta R.T. 0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampled :

MH-3

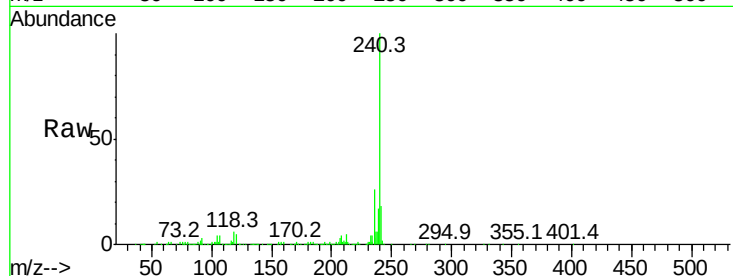
Tot Ion:228 Resp: 1998

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

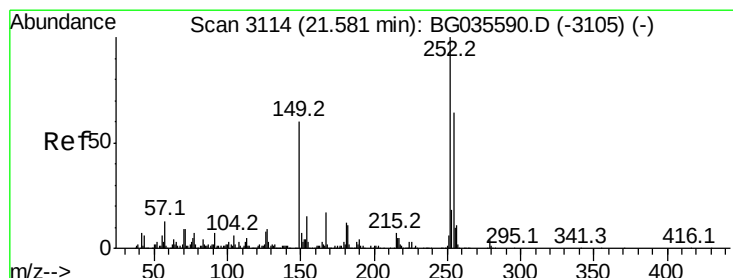
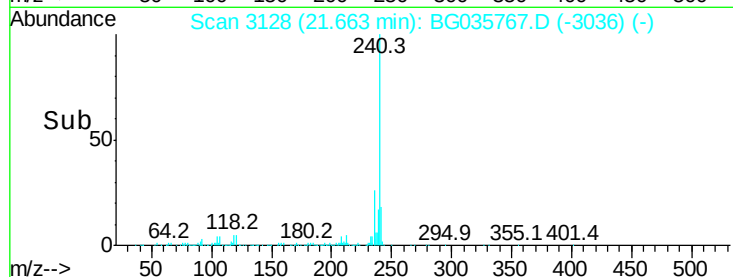
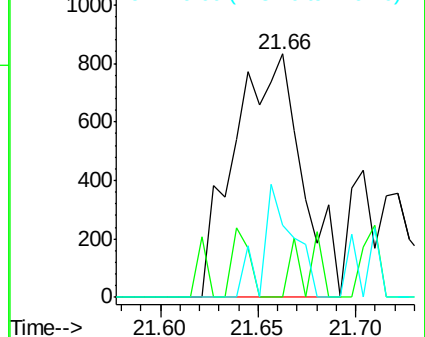
229 29.8 16.2 24.2#



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: 0.007 ng

RT: 21.61 min Scan# 3119

Delta R.T. 0.04 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

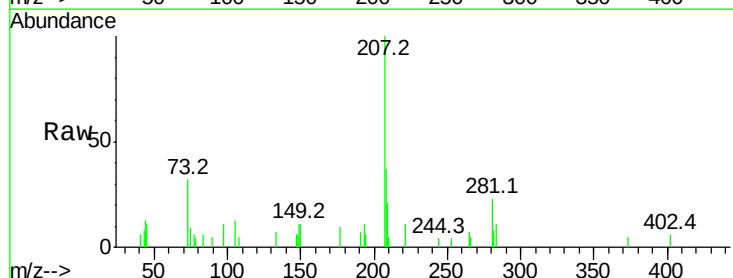
Tgt Ion:252 Resp: 53

Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

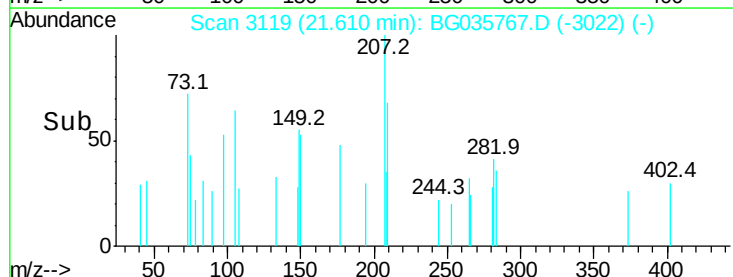
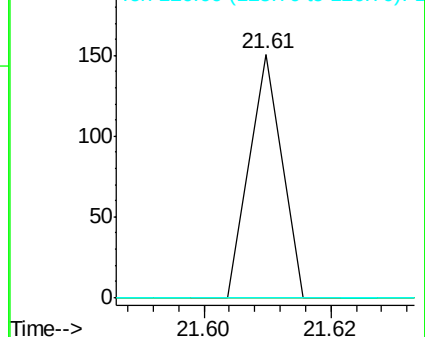
126 0.0 7.4 11.2#

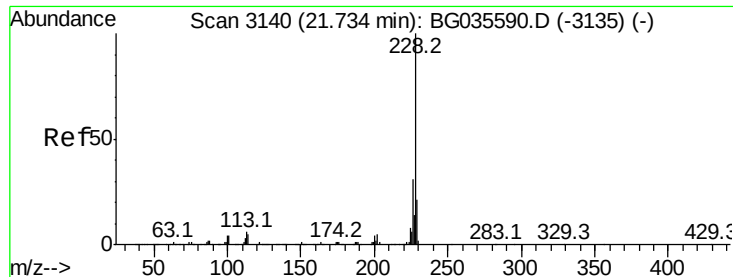


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.018 ng

RT: 21.70 min Scan# 3135

Delta R.T. -0.02 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampled :

MH-3

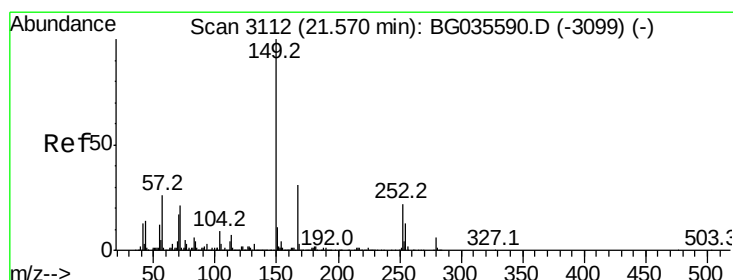
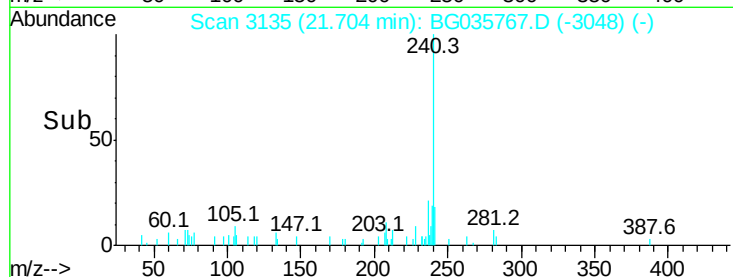
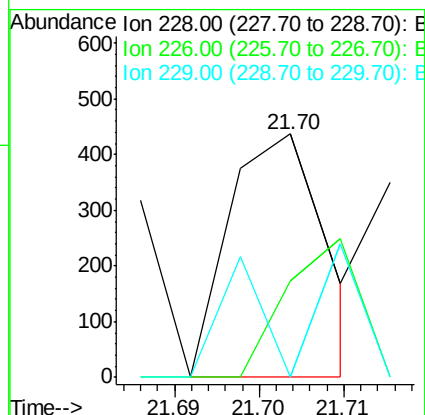
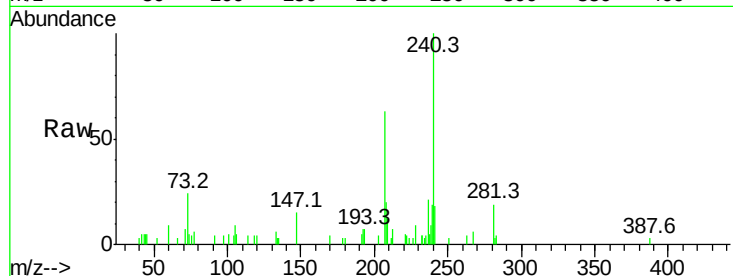
Tot Ion:228 Resp: 346

Ion Ratio Lower Upper

228 100

226 39.8 24.9 37.3#

229 0.0 15.0 22.4#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.170 ng

RT: 21.54 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

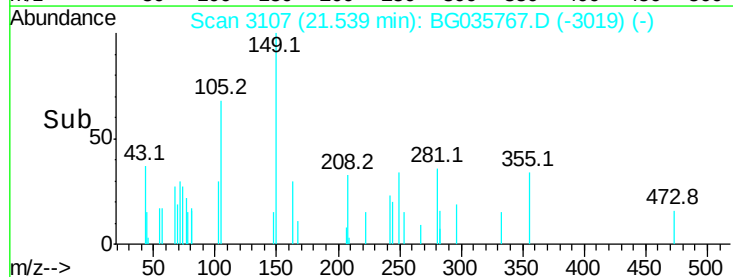
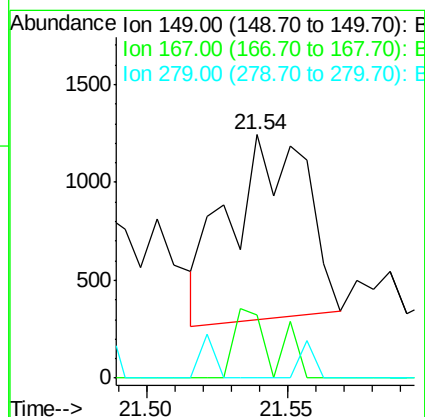
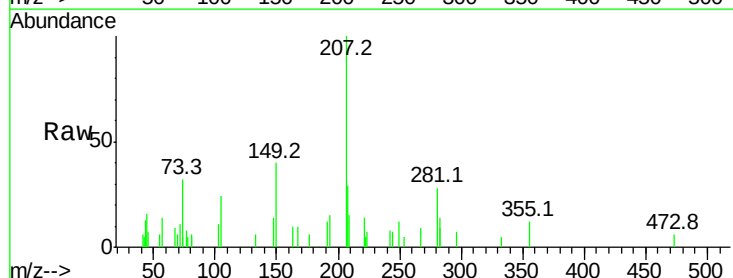
Tgt Ion:149 Resp: 1777

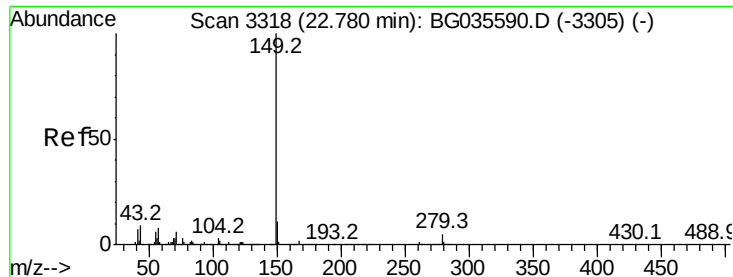
Ion Ratio Lower Upper

149 100

167 26.1 24.3 36.5

279 0.0 4.0 6.0#





#84

Di-n-octyl phthalate

Concen: 0.074 ng

RT: 22.75 min Scan# 3313

Delta R.T. -0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

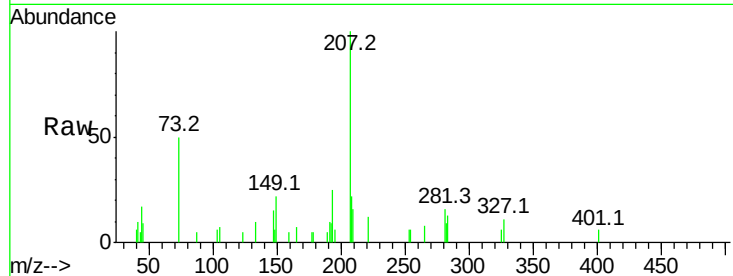
Tot Ion:149 Resp: 1300

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

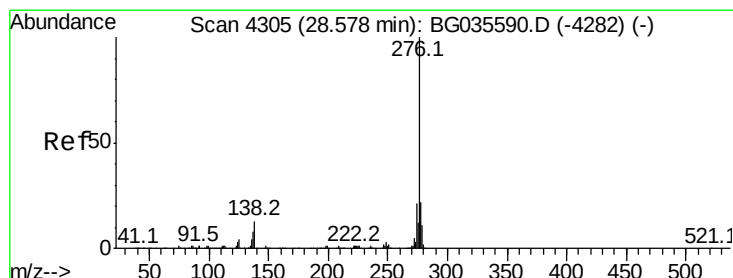
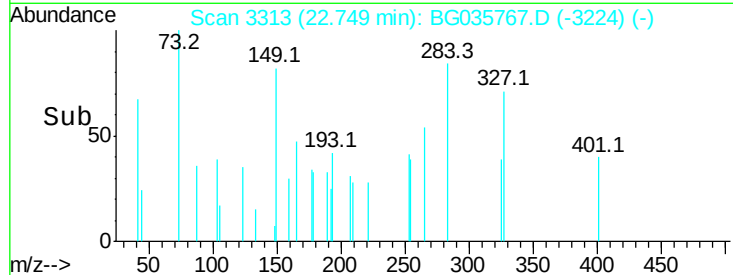
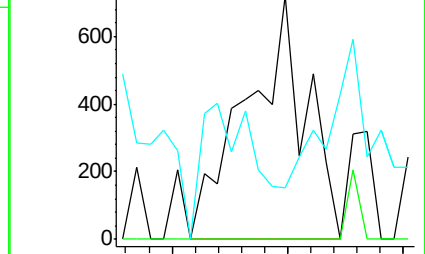
43 0.0 8.9 13.3#



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): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.004 ng

RT: 28.65 min Scan# 4318

Delta R.T. 0.11 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

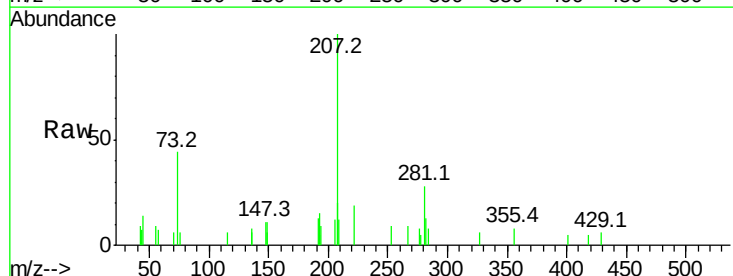
Tgt Ion:276 Resp: 81

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

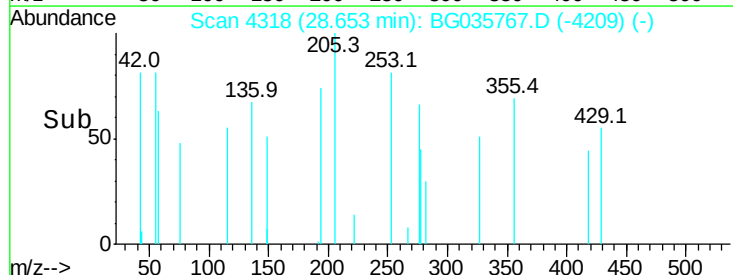
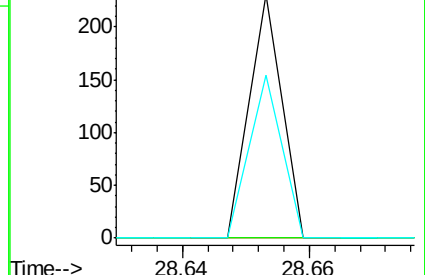
277 67.9 20.0 30.0#

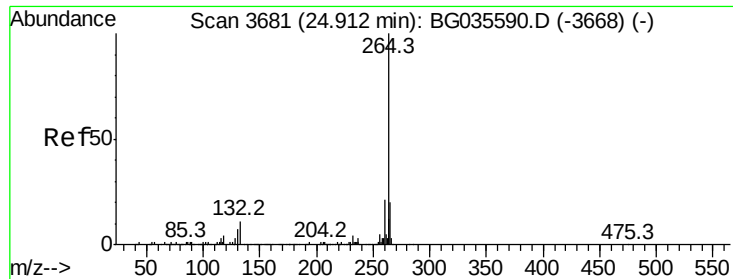


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. -0.02 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

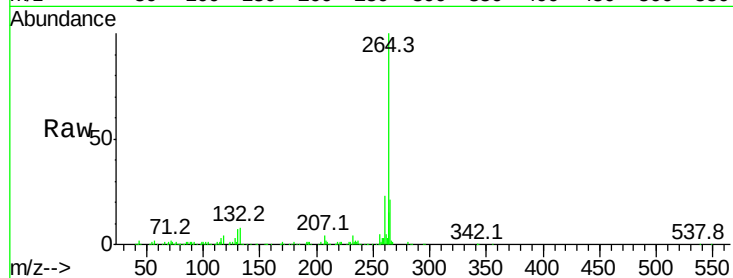
Tot Ion:264 Resp: 324555

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

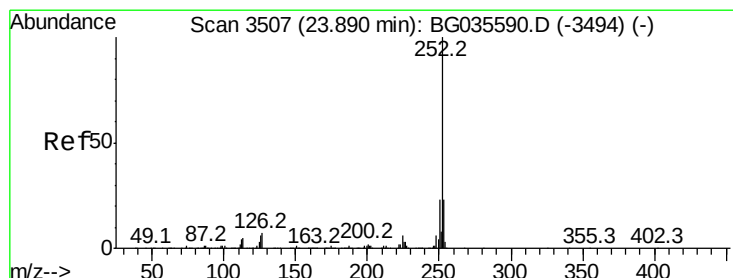
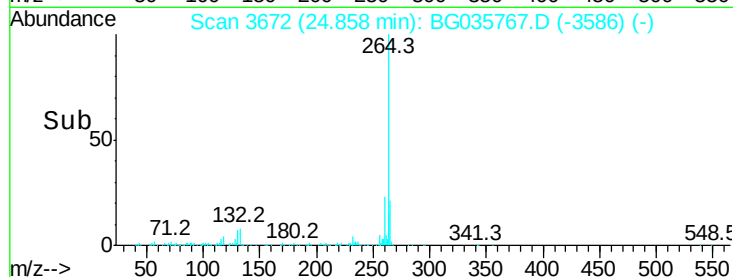
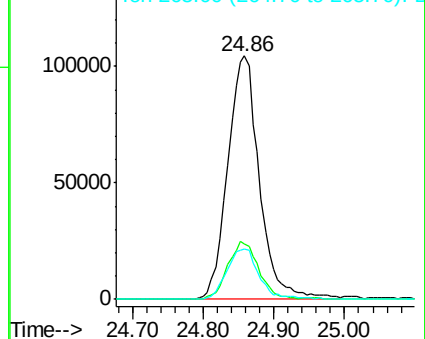
265 20.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 0.043 ng

RT: 23.85 min Scan# 3501

Delta R.T. -0.01 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

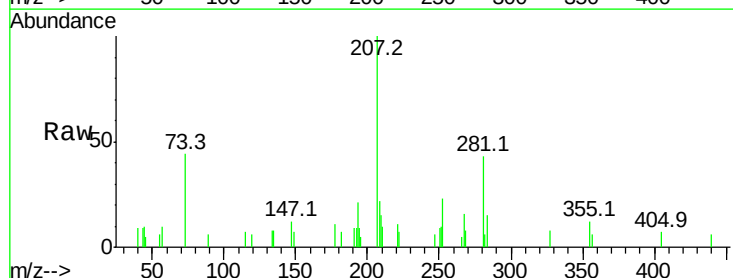
Tgt Ion:252 Resp: 855

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

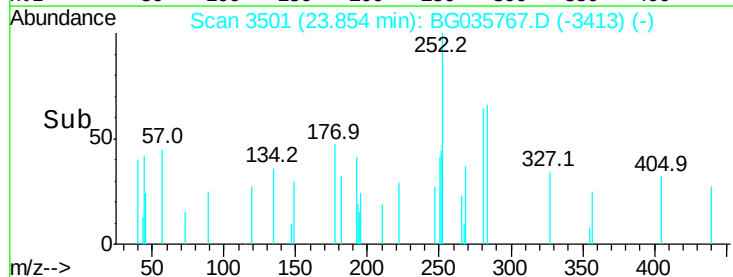
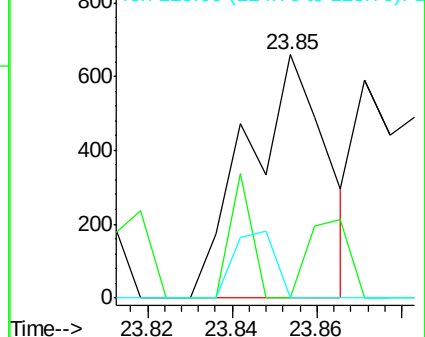
125 0.0 7.2 10.8#

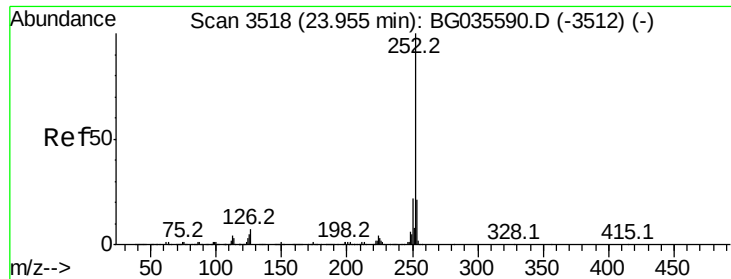


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

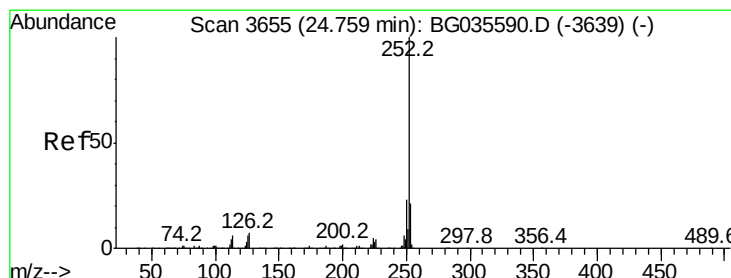
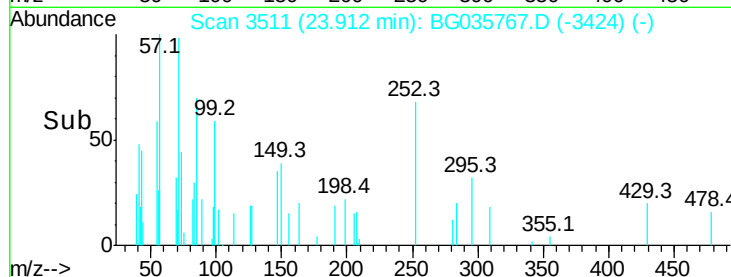
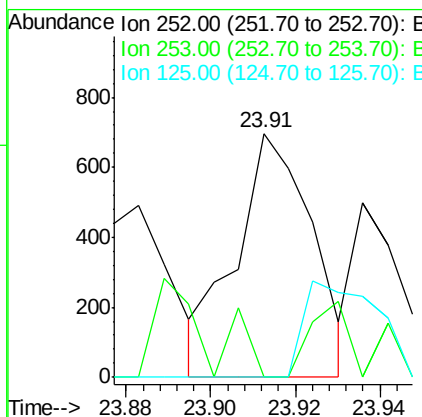
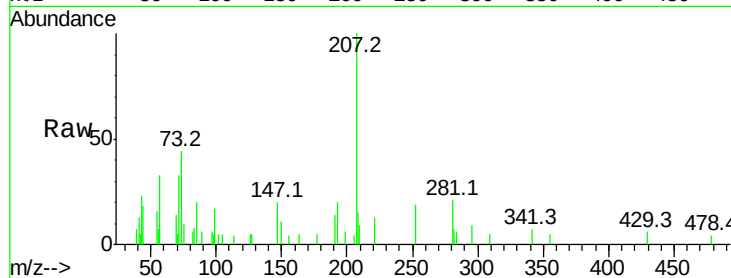




#88
 Benzo(k)fluoranthene
 Concen: 0.045 ng
 RT: 23.91 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BG035767.D
 Acq: 20 Jul 2018 2:37

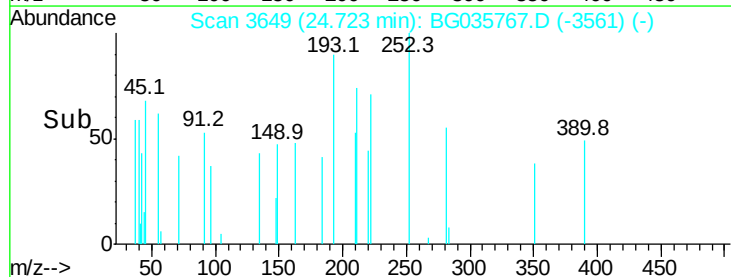
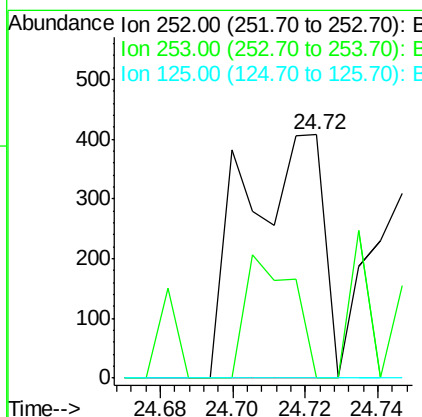
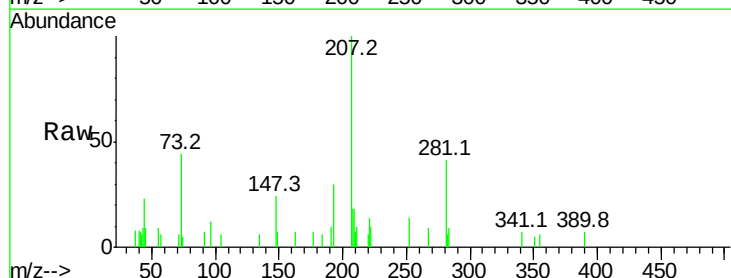
Instrument :
 BNA_G
 ClientSampled :
 MH-3

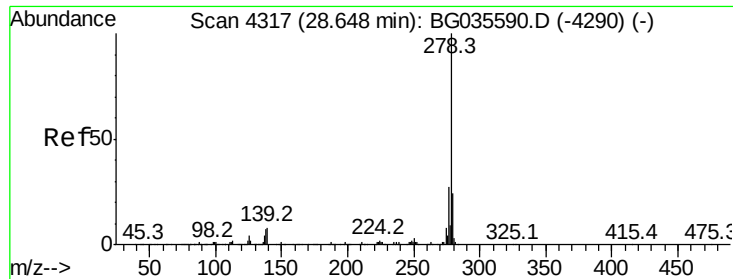
Tot Ion:252 Resp: 873
 Ion Ratio Lower Upper
 252 100
 253 0.0 17.4 26.2#
 125 0.0 6.6 9.8#



#89
 Benzo(a)pyrene
 Concen: 0.033 ng
 RT: 24.72 min Scan# 3649
 Delta R.T. -0.01 min
 Lab File: BG035767.D
 Acq: 20 Jul 2018 2:37

Tgt Ion:252 Resp: 610
 Ion Ratio Lower Upper
 252 100
 253 0.0 18.3 27.5#
 125 0.0 7.3 10.9#





#90

Dibenzo(a,h)anthracene

Concen: 0.004 ng

RT: 28.65 min Scan# 4317

Delta R.T. 0.04 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

Instrument :

BNA_G

ClientSampleId :

MH-3

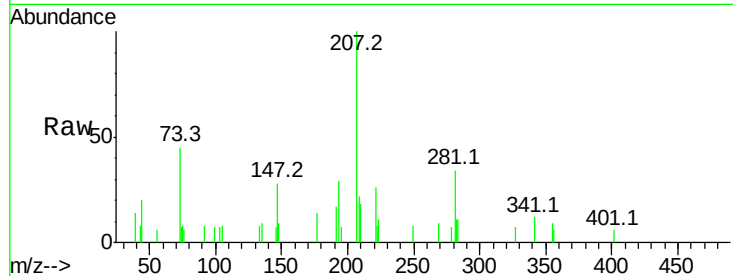
Tot Ion:278 Resp: 66

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

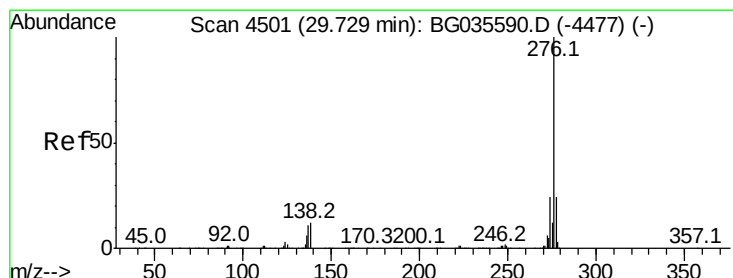
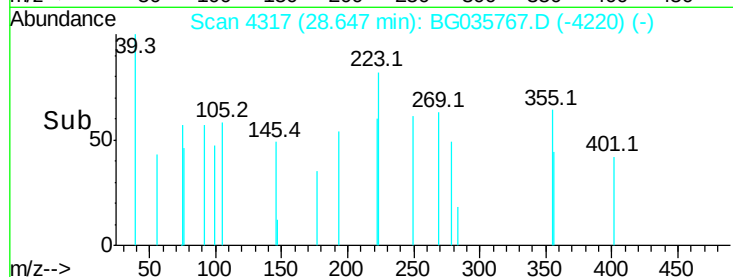
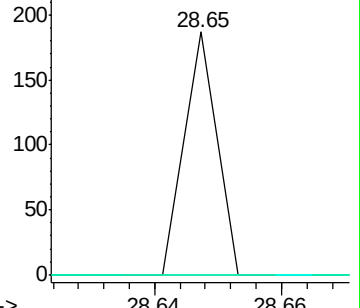
279 0.0 18.4 27.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.005 ng

RT: 29.76 min Scan# 4506

Delta R.T. 0.07 min

Lab File: BG035767.D

Acq: 20 Jul 2018 2:37

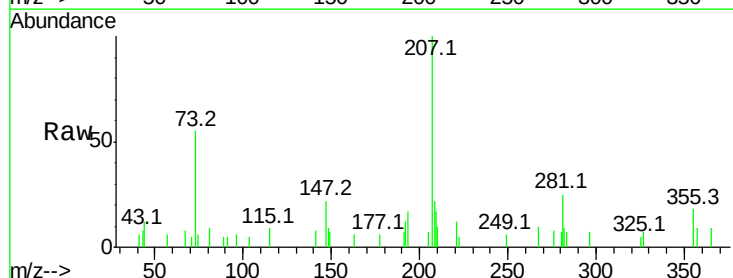
Tgt Ion:276 Resp: 89

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 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

