

Data File : BG035267.D
Acq On : 20 Jun 2018 15:32
Operator : SJ/JU
Sample : PB110338BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110338BS

Quant Time: Jun 20 16:23:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	51181	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	193295	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	142147	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	376754	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	412647	20.00	ng	-0.02
86) Perylene-d12	24.92	264	405681	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	438910	144.72	ng	-0.01
7) Phenol-d6	7.22	99	628569	140.43	ng	0.00
23) Nitrobenzene-d5	9.22	82	387180	95.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	293159	161.11	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	928367	84.90	ng	-0.02
78) Terphenyl-d14	20.03	244	1665082	84.52	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	53928	37.269	ng	# 70
3) Pyridine	3.94	79	147897	37.881	ng	# 72
4) n-Nitrosodimethylamine	3.85	42	59858	35.688	ng	# 68
6) Aniline	7.38	93	157198	27.169	ng	99
8) 2-Chlorophenol	7.63	128	139145	43.771	ng	98
9) Benzaldehyde	7.19	77	97298	28.220	ng	96
10) Phenol	7.24	94	212367	45.845	ng	94
11) bis(2-Chloroethyl)ether	7.48	93	142615	39.666	ng	92
12) 1,3-Dichlorobenzene	7.95	146	159559	42.067	ng	98
13) 1,4-Dichlorobenzene	8.10	146	161199	41.170	ng	98
14) 1,2-Dichlorobenzene	8.41	146	152834	41.555	ng	98
15) Benzyl Alcohol	8.30	79	164136	38.699	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	156016	43.598	ng	77
17) 2-Methylphenol	8.49	107	140314	45.943	ng	# 89
18) Hexachloroethane	9.15	117	58361	41.634	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	129964	34.175	ng	# 82
20) 3+4-Methylphenols	8.82	107	194057	44.330	ng	89
22) Acetophenone	8.88	105	239195	39.948	ng	# 90
24) Nitrobenzene	9.26	77	190602	45.773	ng	97
25) Isophorone	9.78	82	371242	43.241	ng	99
26) 2-Nitrophenol	9.97	139	78257	54.522	ng	# 93
27) 2,4-Dimethylphenol	10.03	122	152670	50.604	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	199858	43.318	ng	99
29) 2,4-Dichlorophenol	10.50	162	167331	50.973	ng	92
30) 1,2,4-Trichlorobenzene	10.73	180	172423	43.803	ng	94
31) Naphthalene	10.92	128	423518	42.177	ng	97
32) Benzoic acid	10.17	122	108886	53.883	ng	92
33) 4-Chloroaniline	11.01	127	57479	13.183	ng	# 96
34) Hexachlorobutadiene	11.20	225	129876	42.425	ng	97
35) Caprolactam	11.79	113	59021m	48.649	ng	
36) 4-Chloro-3-methylphenol	12.13	107	202869	49.576	ng	96
37) 2-Methylnaphthalene	12.51	142	342676	45.012	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	230371	43.510	ng	98
40) Hexachlorocyclopentadiene	12.86	237	329544	99.253	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	158993	50.150	ng	94
43) 2,4,5-Trichlorophenol	13.19	196	175855	50.537	ng	97
45) 1,1'-Biphenyl	13.52	154	472867	41.370	ng	99
46) 2-Chloronaphthalene	13.56	162	371711	43.013	ng	100
47) 2-Nitroaniline	13.76	65	124830	48.917	ng	95
48) Acenaphthylene	14.40	152	624101	43.070	ng	98
49) Dimethylphthalate	14.13	163	527465	42.552	ng #	97
50) 2,6-Dinitrotoluene	14.25	165	117544	51.979	ng	94
51) Acenaphthene	14.75	154	367736	38.841	ng	98
52) 3-Nitroaniline	14.58	138	58407	26.321	ng #	90
53) 2,4-Dinitrophenol	14.79	184	149627	163.492	ng #	63
54) Dibenzofuran	15.08	168	612848	43.220	ng	94
55) 4-Nitrophenol	14.89	139	188272	100.531	ng #	87
56) 2,4-Dinitrotoluene	15.04	165	171755	57.175	ng #	88
57) Fluorene	15.73	166	511076	43.127	ng	93
58) 2,3,4,6-Tetrachlorophenol	15.30	232	176542	52.225	ng #	95
59) Diethylphthalate	15.50	149	529607	41.877	ng	98
60) 4-Chlorophenyl-phenylether	15.72	204	291189	43.092	ng	97
61) 4-Nitroaniline	15.74	138	118209	49.673	ng	85
62) Azobenzene	16.01	77	512869	41.384	ng	92
64) 4,6-Dinitro-2-methylphenol	15.80	198	104826	60.940	ng	83
65) n-Nitrosodiphenylamine	15.93	169	462298	40.860	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	206414	45.495	ng	95
67) Hexachlorobenzene	16.73	284	209133	45.287	ng	93
68) Atrazine	16.88	200	198340	41.107	ng	92
69) Pentachlorophenol	17.07	266	259349	83.520	ng	98
70) Phenanthrene	17.47	178	829159	43.325	ng	97
71) Anthracene	17.56	178	852977	44.494	ng	98
72) Carbazole	17.83	167	770658	43.327	ng	98
73) Di-n-butylphthalate	18.38	149	875774	41.309	ng #	98
74) Fluoranthene	19.47	202	1103810	44.323	ng	96
76) Benzidine	19.65	184	498056	32.442	ng	97
77) Pyrene	19.83	202	1096219	40.297	ng	96
79) Butylbenzylphthalate	20.72	149	405358	41.036	ng #	91
80) Benzo(a)anthracene	21.67	228	1116684	42.348	ng	100
81) 3,3'-Dichlorobenzidine	21.59	252	233819	23.569	ng #	95
82) Chrysene	21.74	228	1055526	43.719	ng	97
83) Bis(2-ethylhexyl)phthalate	21.58	149	555220	39.779	ng	98
84) Di-n-octyl phthalate	22.79	149	942567	39.362	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.60	276	1246604	44.087	ng #	84
87) Benzo(b)fluoranthene	23.90	252	1117360	44.725	ng #	96
88) Benzo(k)fluoranthene	23.97	252	1025998	41.983	ng #	96
89) Benzo(a)pyrene	24.77	252	1058553	45.029	ng #	96
90) Dibenzo(a,h)anthracene	28.66	278	1021804	44.031	ng #	96
91) Benzo(g,h,i)perylene	29.75	276	1034811	45.565	ng #	91

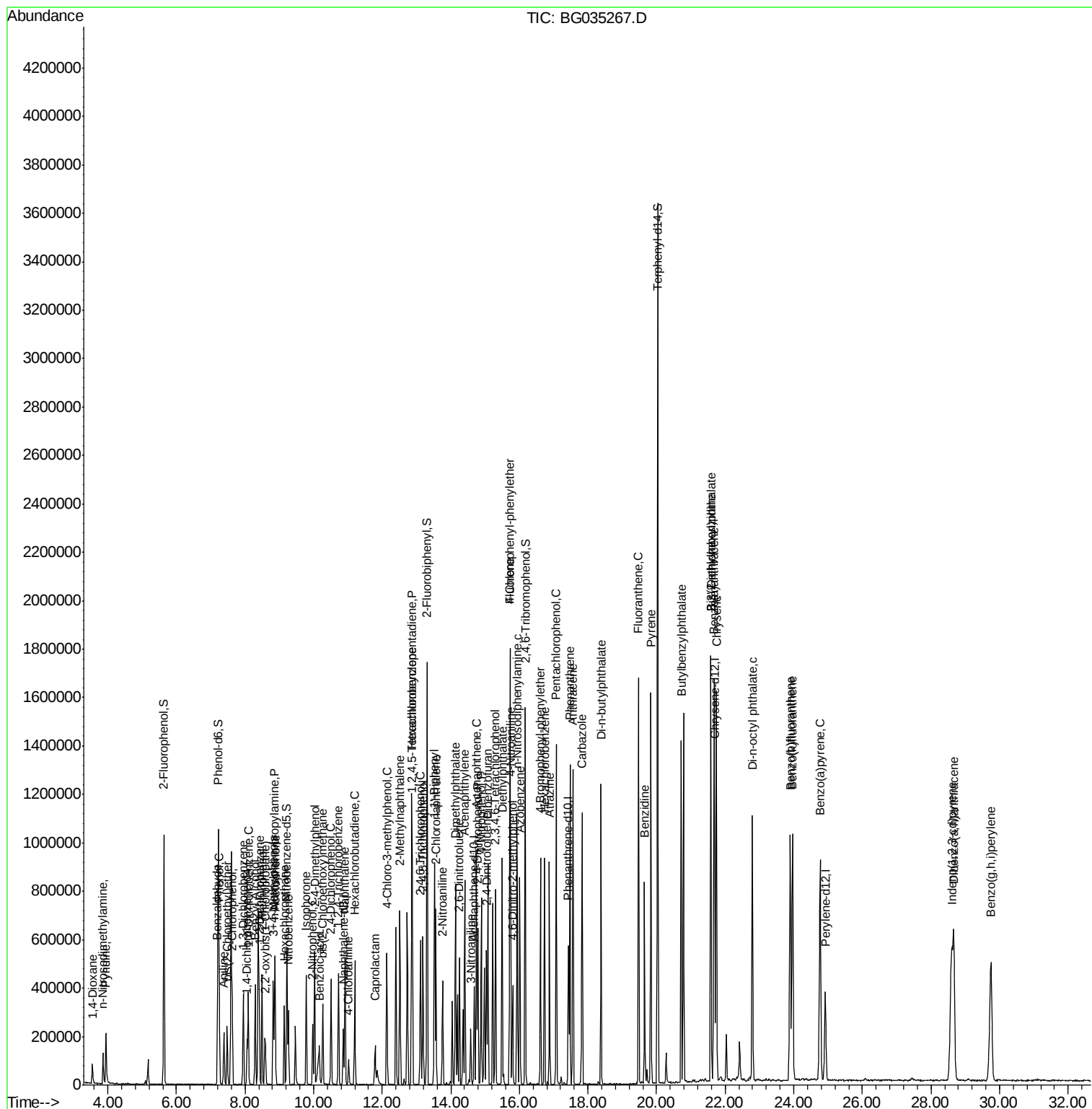
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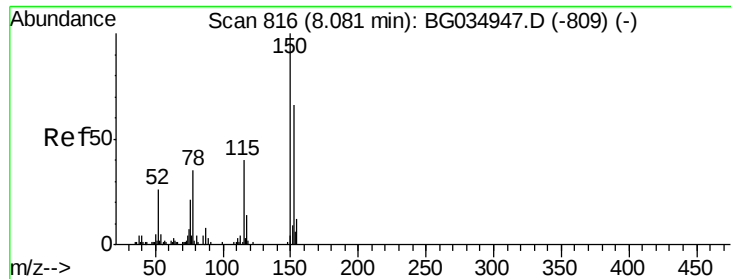
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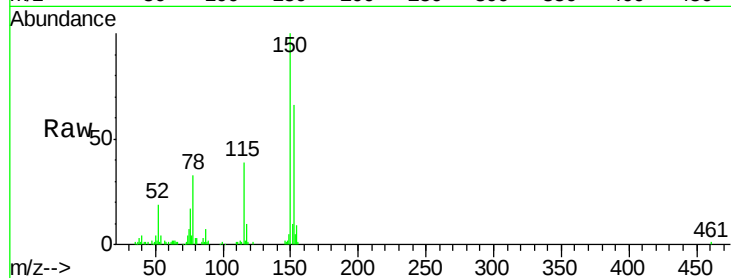


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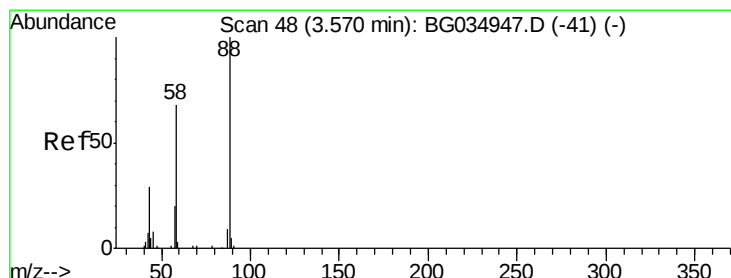
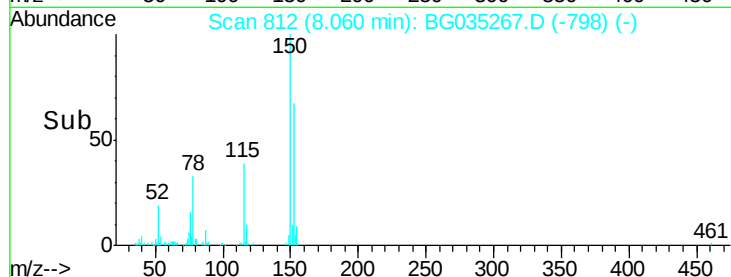
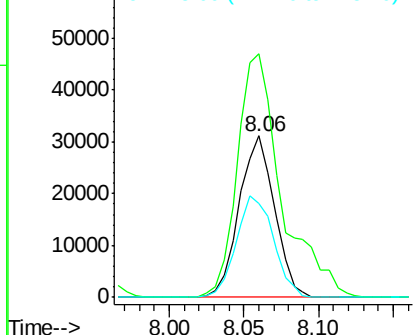
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Instrument :
BNA_G
ClientSampleId :
PB110338BS

Tgt Ion:152 Resp: 51181
Ion Ratio Lower Upper
152 100
150 150.8 126.6 189.8
115 58.2 53.0 79.4



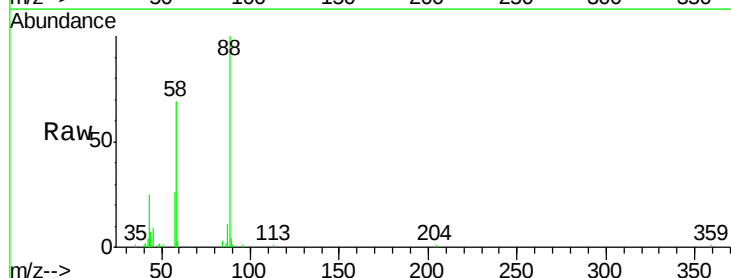
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



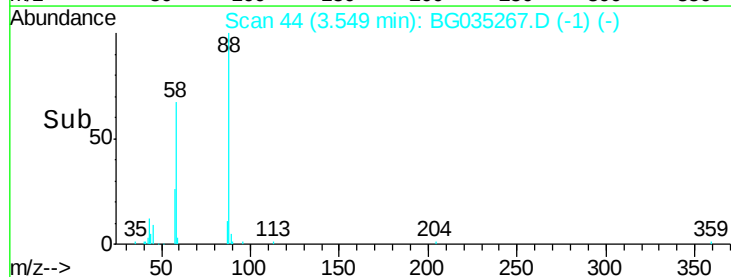
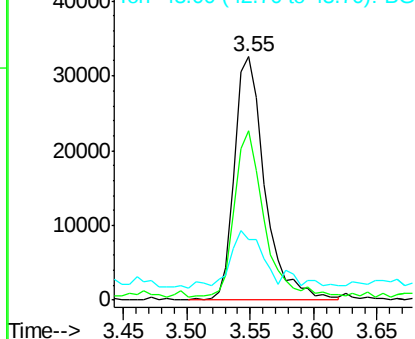
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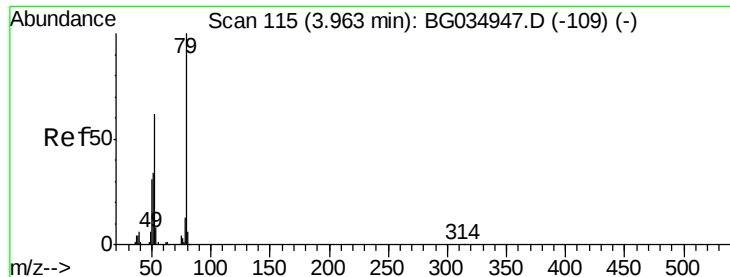
1,4-Dioxane
Concen: 37.269 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Tgt Ion: 88 Resp: 53928
Ion Ratio Lower Upper
88 100
58 65.7 79.6 119.4#
43 23.3 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

Pyridine

Concen: 37.881 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG035267.D

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Instrument :

BNA_G

ClientSampleId :

PB110338BS

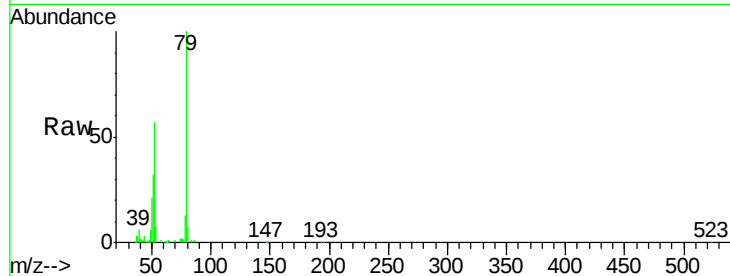
Tgt Ion: 79 Resp: 147897

Ion Ratio Lower Upper

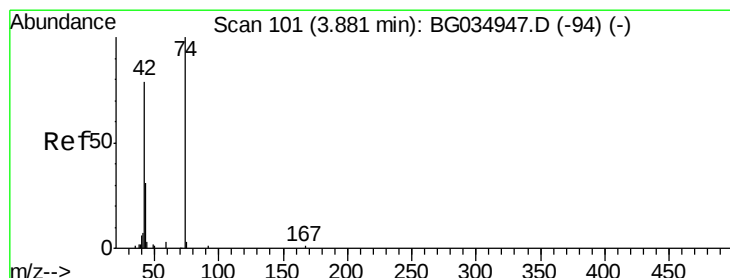
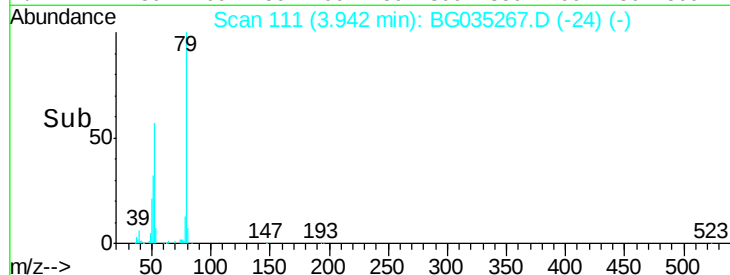
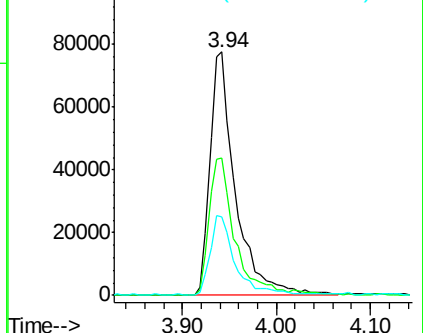
79 100

52 56.5 69.9 104.9#

51 32.0 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: 35.688 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

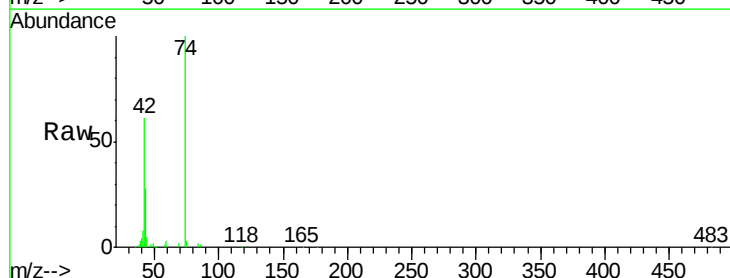
Tgt Ion: 42 Resp: 59858

Ion Ratio Lower Upper

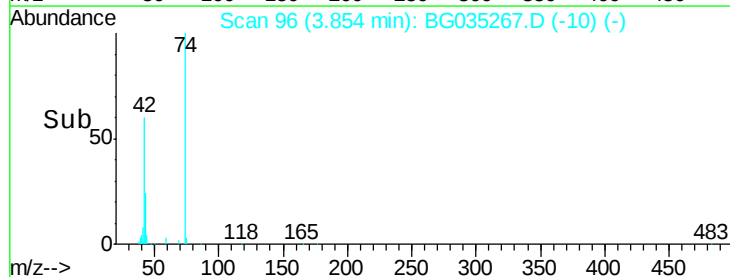
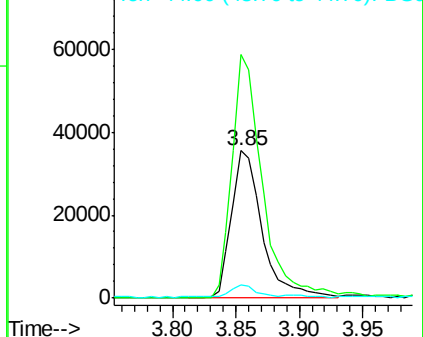
42 100

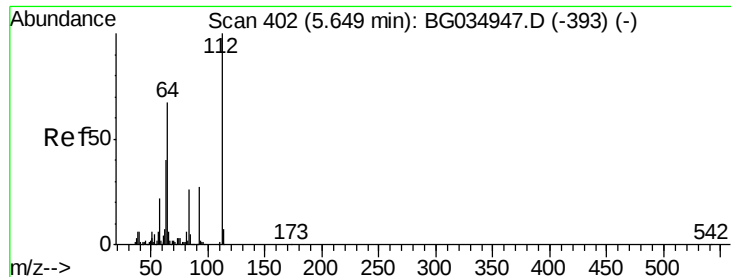
74 165.3 102.5 153.7#

44 8.9 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: 144.723 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035267.D

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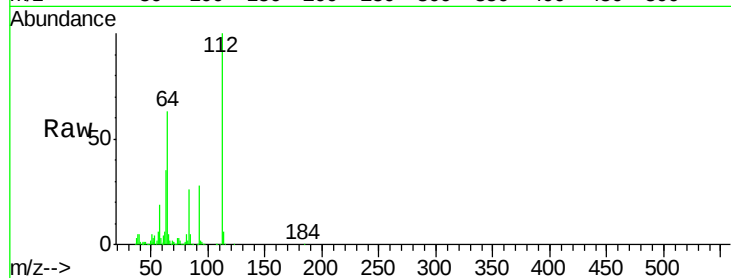
Tgt Ion: 112 Resp: 438910

Ion Ratio Lower Upper

112 100

64 63.4 56.3 84.5

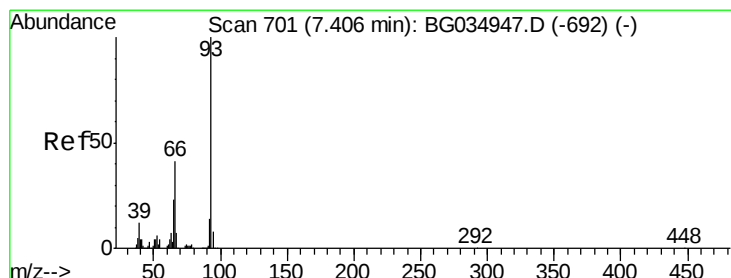
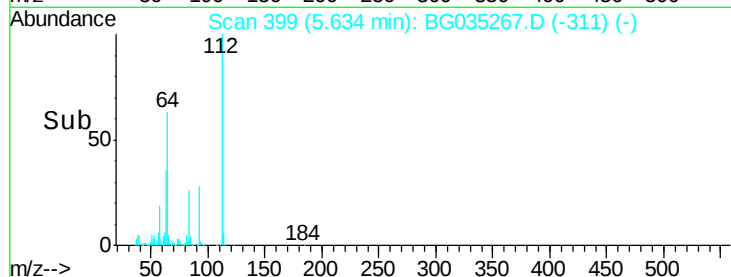
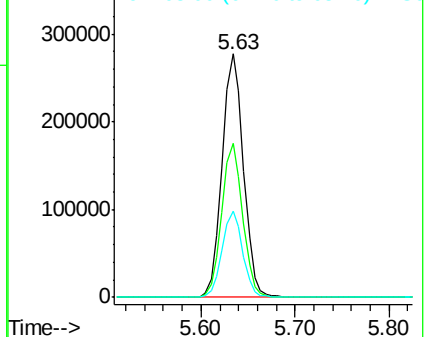
63 35.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.169 ng

RT: 7.38 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

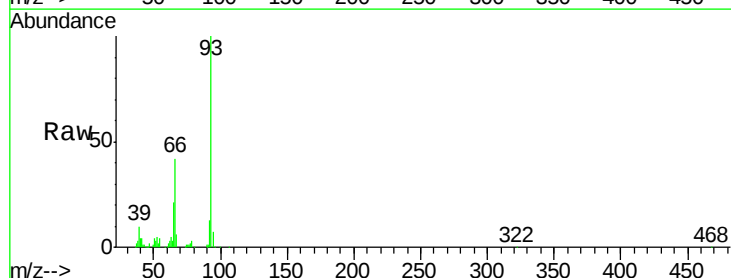
Tgt Ion: 93 Resp: 157198

Ion Ratio Lower Upper

93 100

66 41.6 33.7 50.5

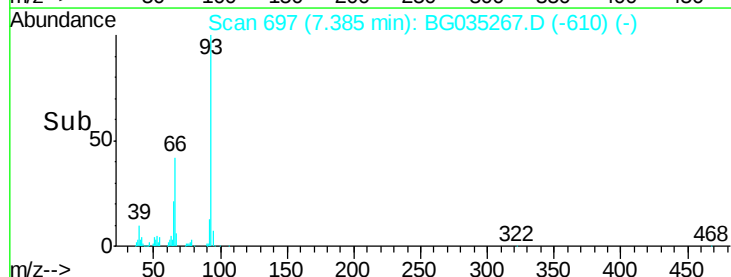
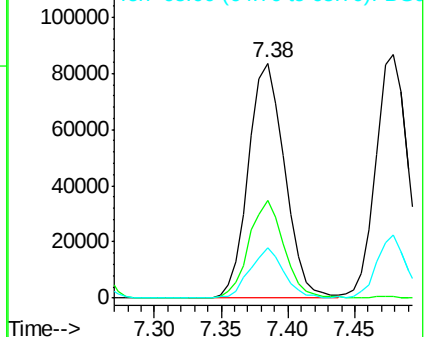
65 21.2 16.1 24.1

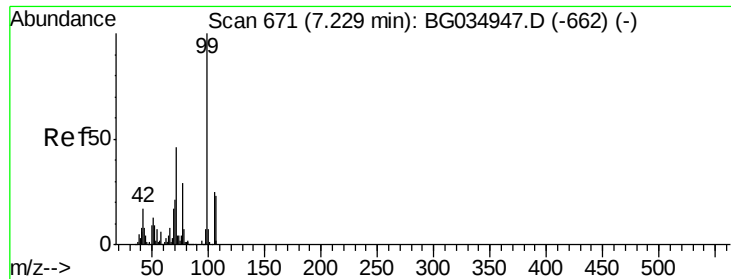


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.426 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

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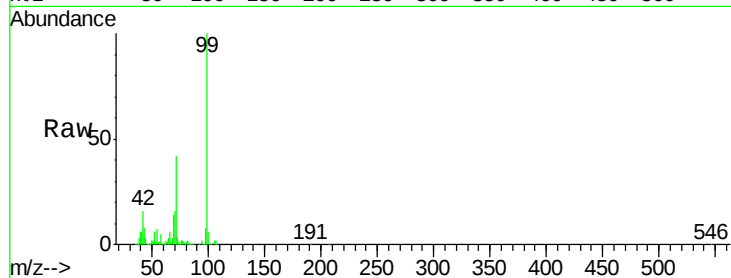
Tgt Ion: 99 Resp: 628569

Ion Ratio Lower Upper

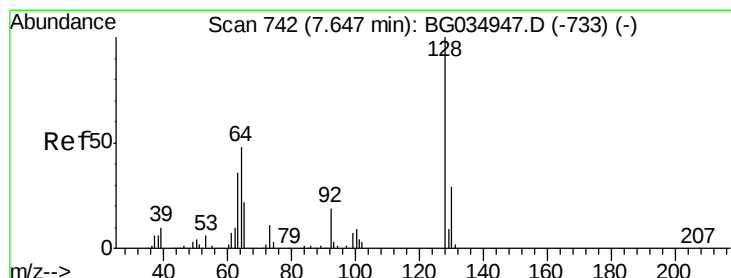
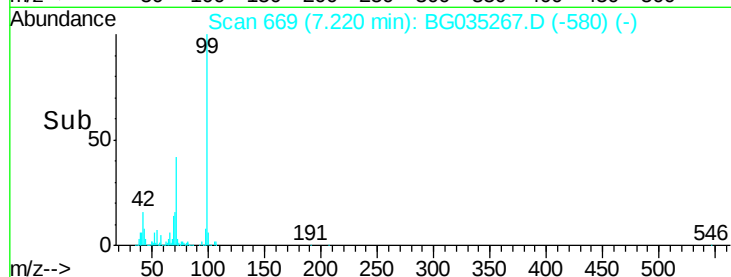
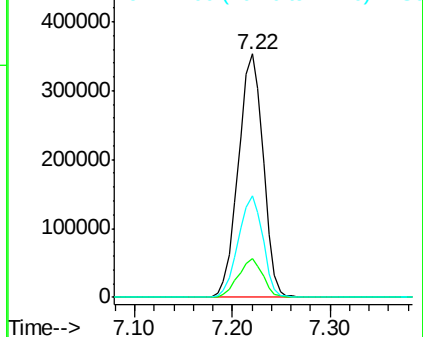
99 100

42 16.1 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: 43.771 ng

RT: 7.63 min Scan# 738

Delta R.T. -0.01 min

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Acq: 20 Jun 2018 15:32

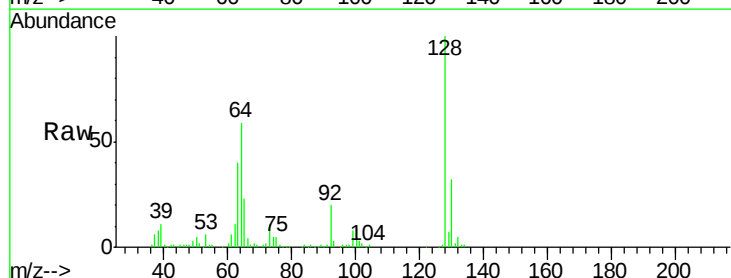
Tgt Ion: 128 Resp: 139145

Ion Ratio Lower Upper

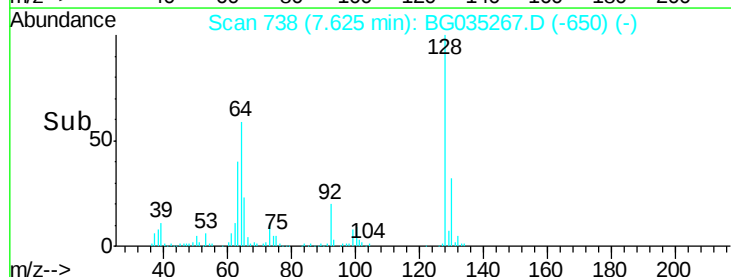
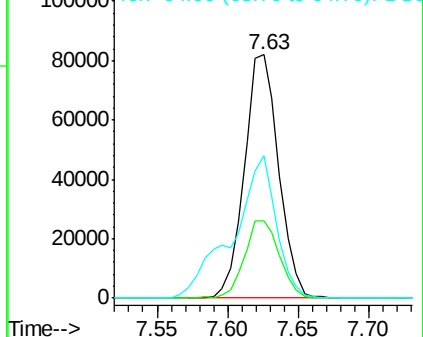
128 100

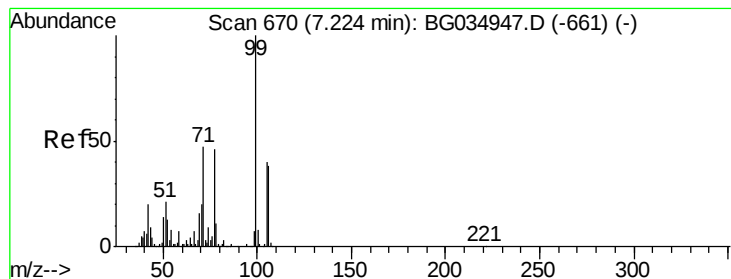
130 31.6 14.0 54.0

64 58.6 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: 28.220 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

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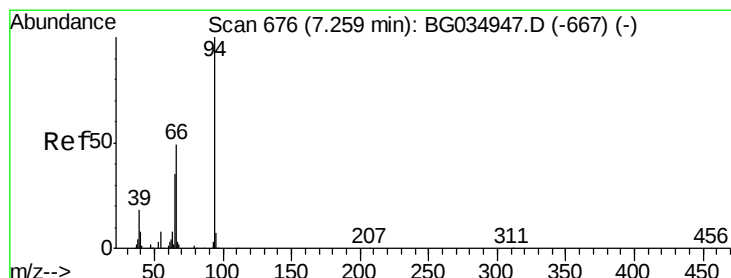
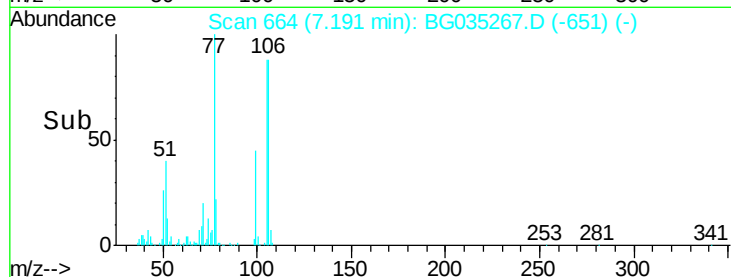
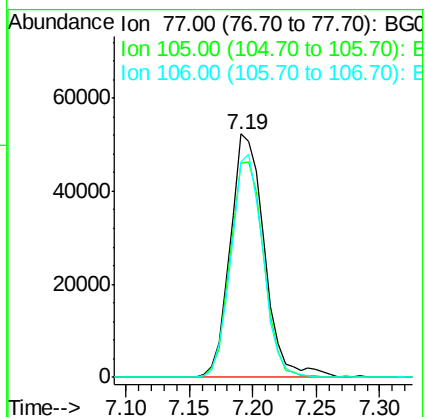
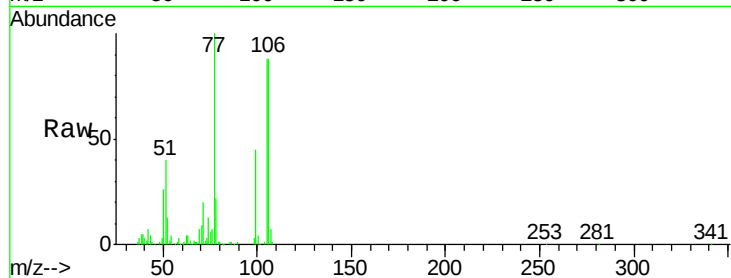
Tgt Ion: 77 Resp: 97298

Ion Ratio Lower Upper

77 100

105 88.2 71.3 111.3

106 88.3 64.2 104.2



#10

Phenol

Concen: 45.845 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

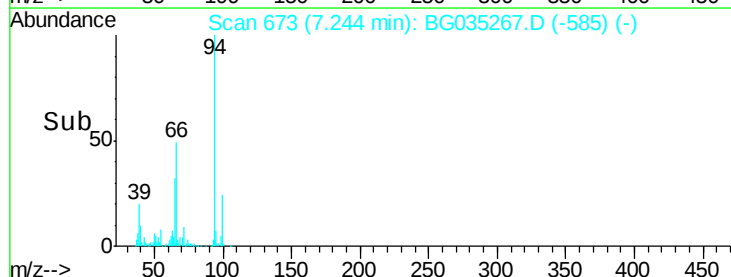
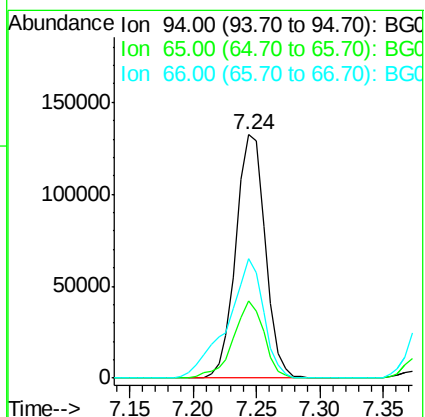
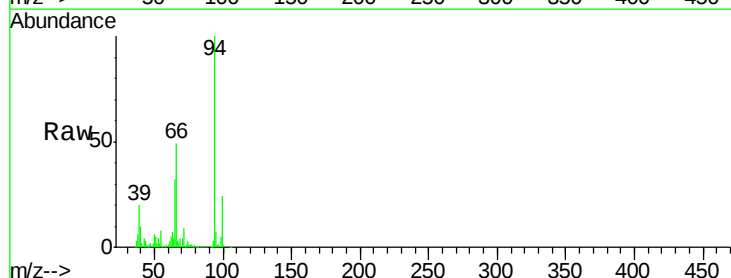
Tgt Ion: 94 Resp: 212367

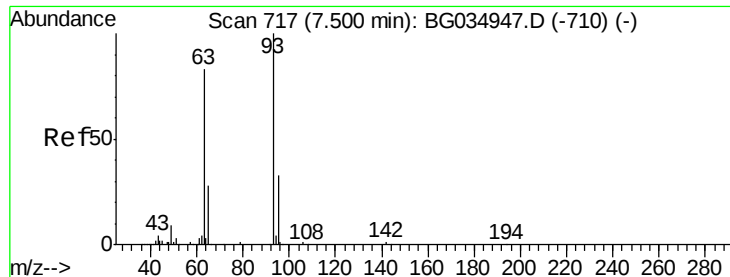
Ion Ratio Lower Upper

94 100

65 31.6 11.9 51.9

66 49.1 22.2 62.2

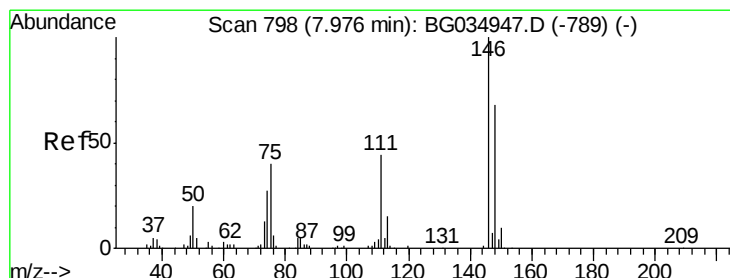
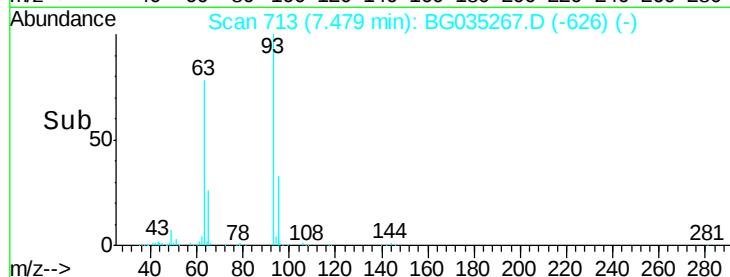
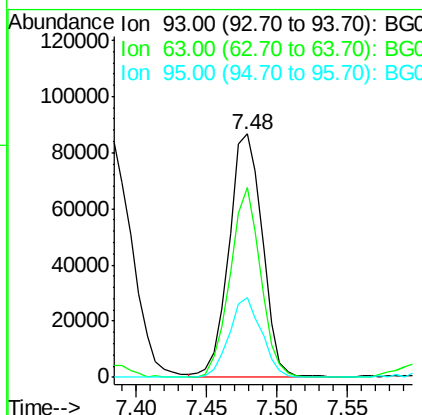
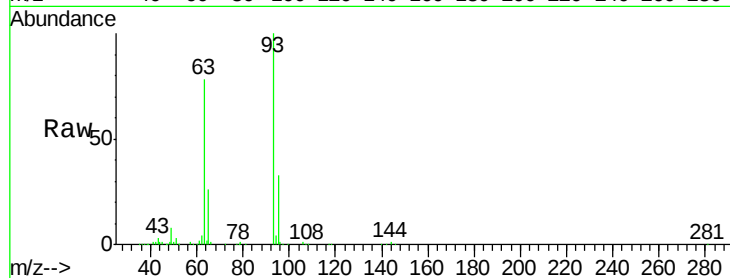




#11
bis(2-Chloroethyl)ether
Concen: 39.666 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

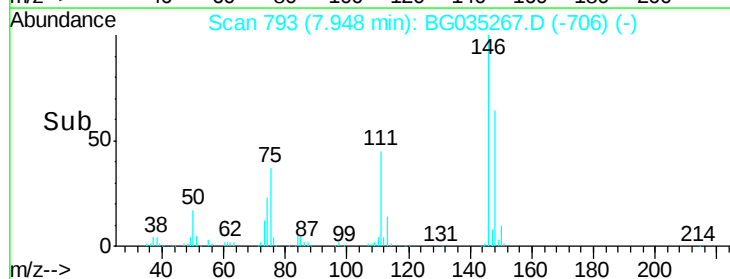
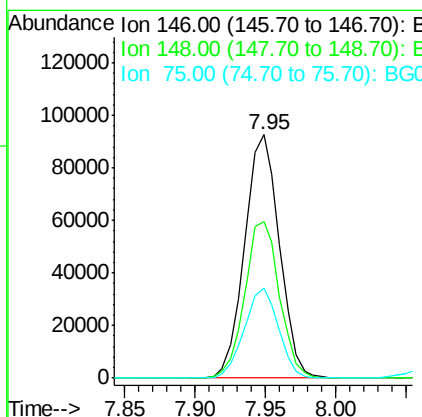
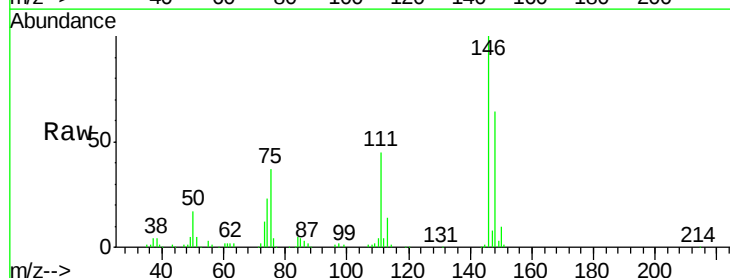
Instrument :
BNA_G
ClientSampleId :
PB110338BS

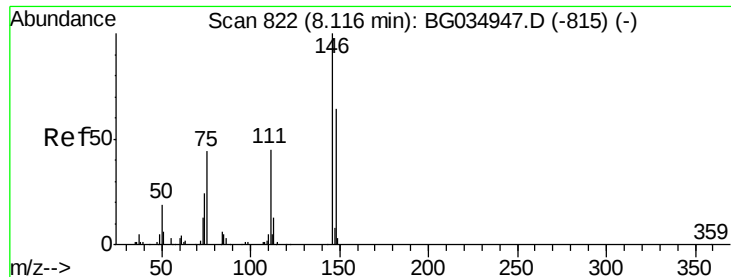
Tgt Ion: 93 Resp: 142615
Ion Ratio Lower Upper
93 100
63 77.9 67.1 107.1
95 33.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 42.067 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Tgt Ion: 146 Resp: 159559
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 36.8 26.6 39.8

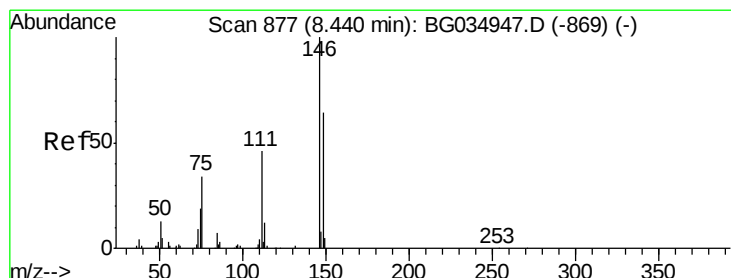
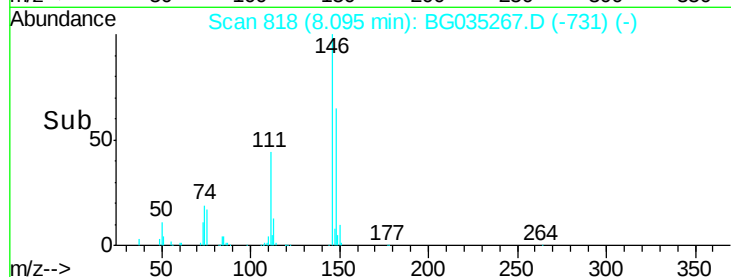
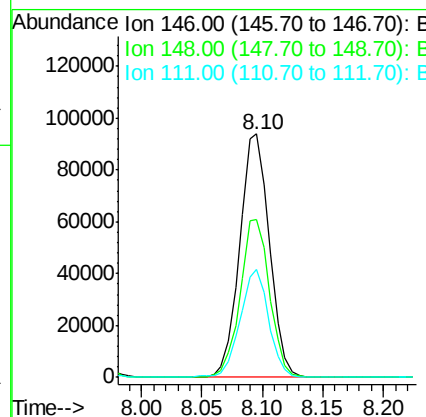
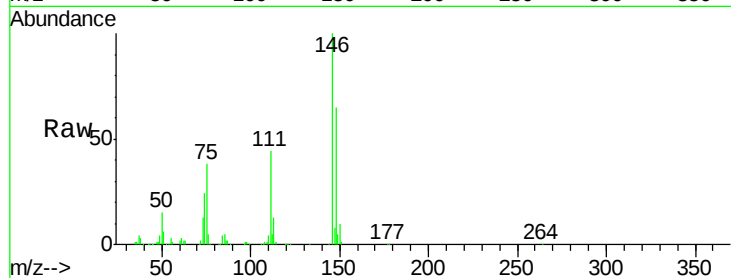




#13
 1,4-Dichlorobenzene
 Concen: 41.170 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

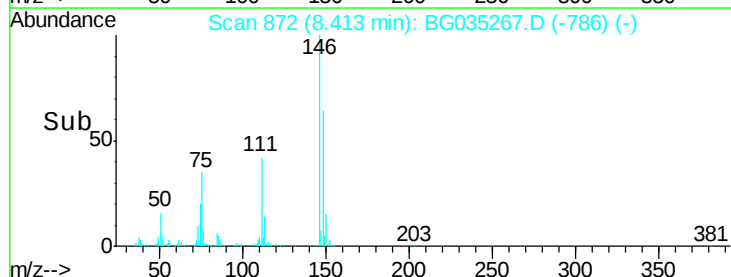
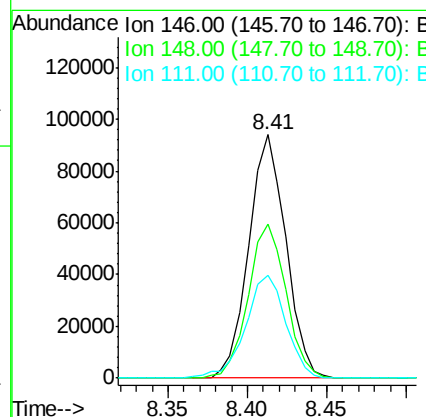
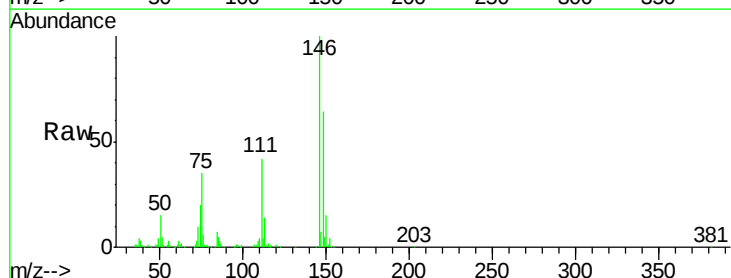
Instrument :
 BNA_G
 ClientSampleId :
 PB110338BS

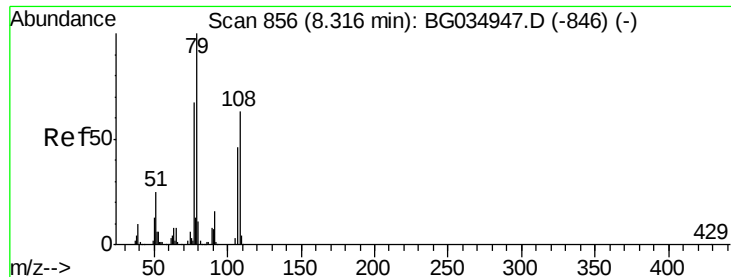
Tgt Ion:146 Resp: 161199
 Ion Ratio Lower Upper
 146 100
 148 64.7 53.7 80.5
 111 44.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 41.555 ng
 RT: 8.41 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Tgt Ion:146 Resp: 152834
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.3 73.9
 111 42.3 34.3 51.5





#15

Benzyl Alcohol

Concen: 38.699 ng

RT: 8.30 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

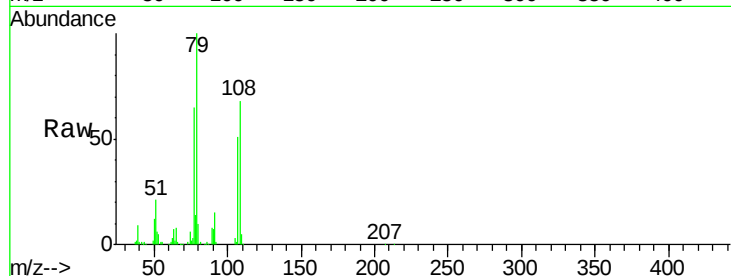
Tgt Ion: 79 Resp: 164136

Ion Ratio Lower Upper

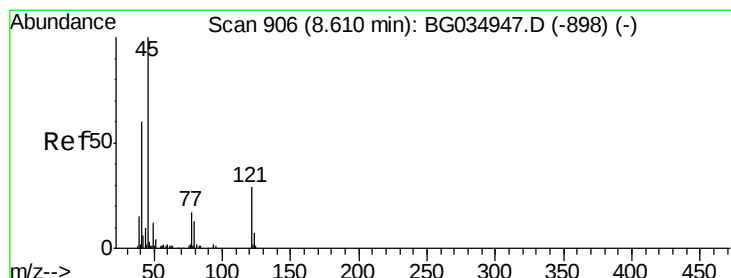
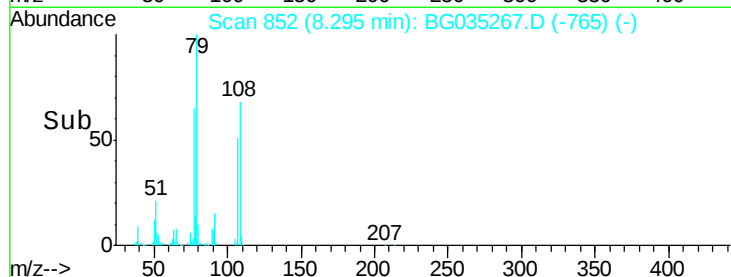
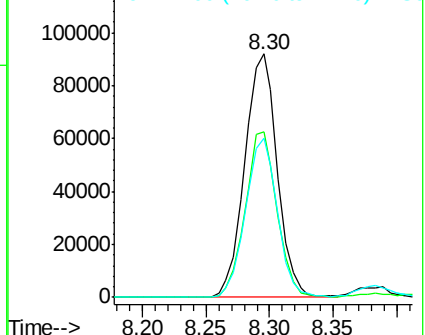
79 100

108 68.0 57.2 85.8

77 65.5 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.598 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

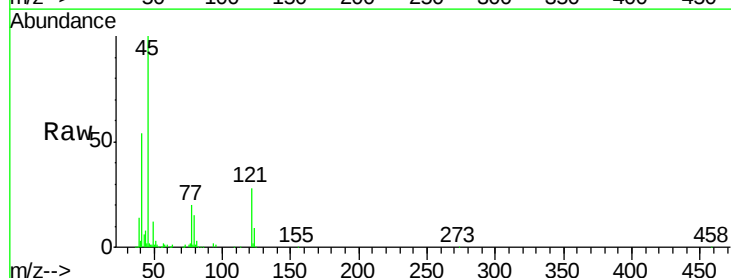
Tgt Ion: 45 Resp: 156016

Ion Ratio Lower Upper

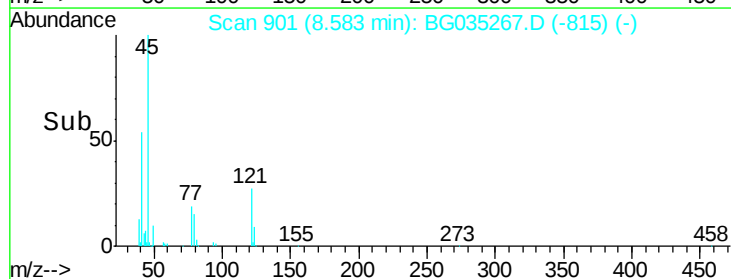
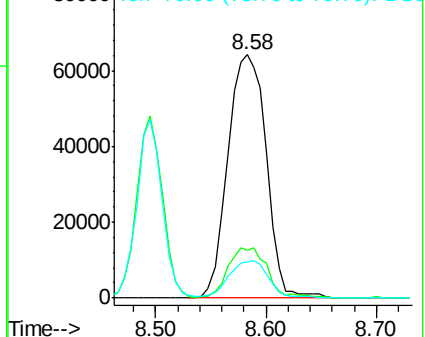
45 100

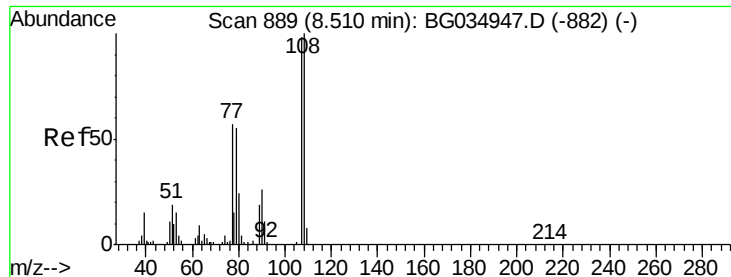
77 19.9 0.0 30.2

79 15.0 0.0 27.9



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





#17

2-Methylphenol

Concen: 45.943 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

Tgt Ion:107 Resp: 140314

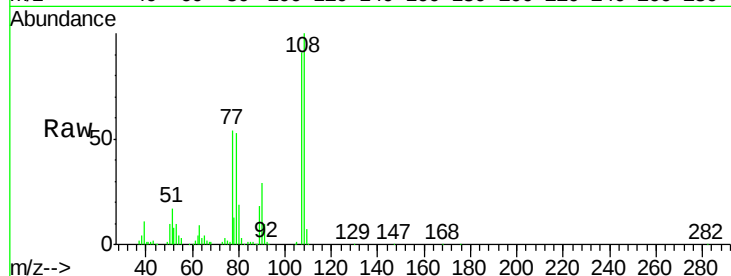
Ion Ratio Lower Upper

107 100

108 109.5 83.9 125.9

77 59.3 37.2 55.8#

79 58.2 36.2 54.2#

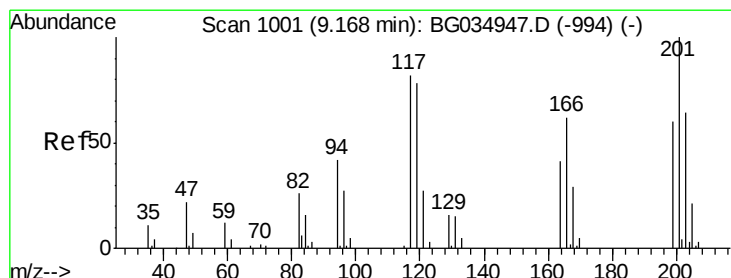
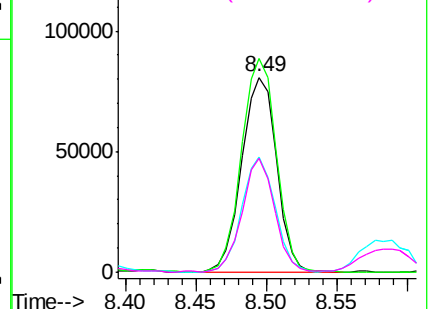
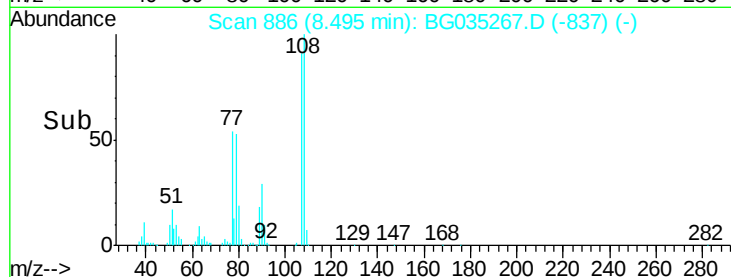


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.634 ng

RT: 9.15 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

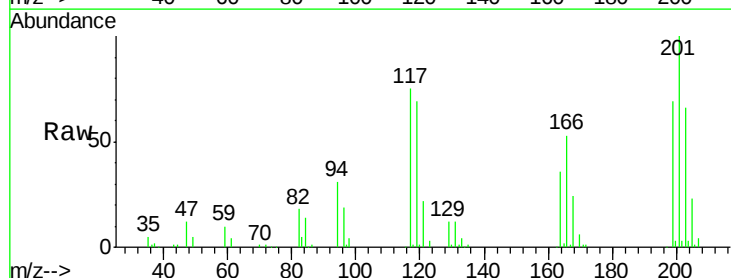
Tgt Ion:117 Resp: 58361

Ion Ratio Lower Upper

117 100

119 91.3 76.7 115.1

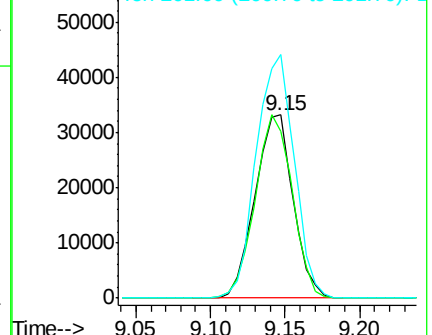
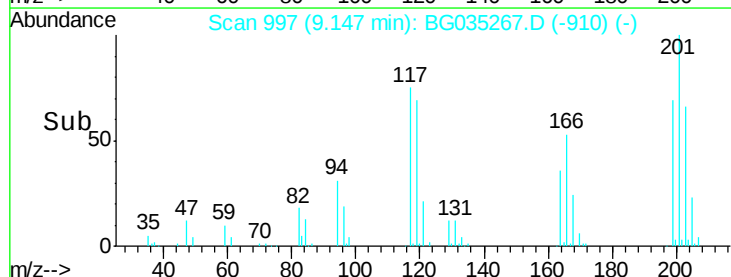
201 132.9 95.7 143.5

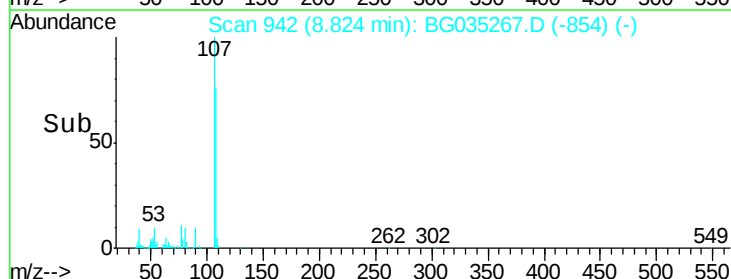
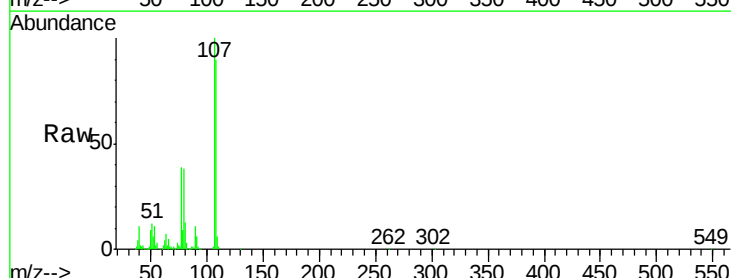
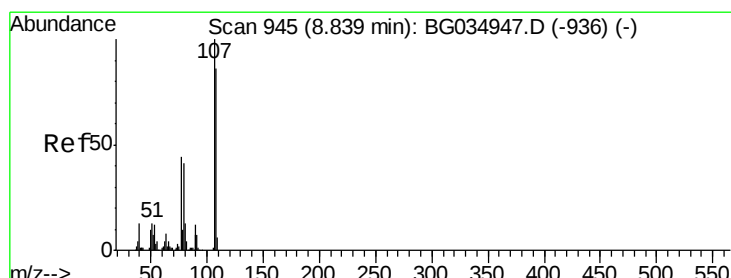
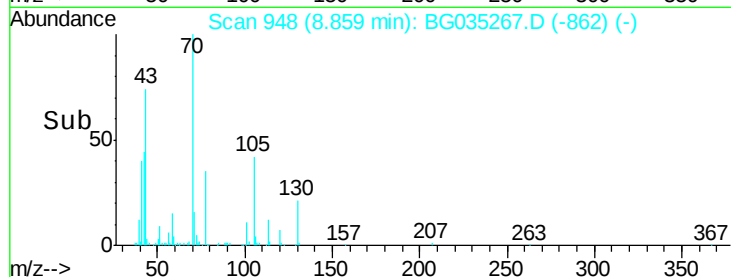
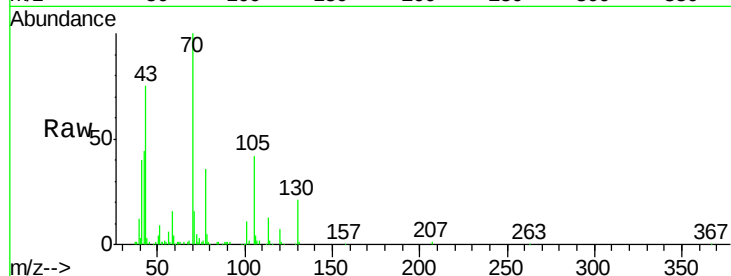
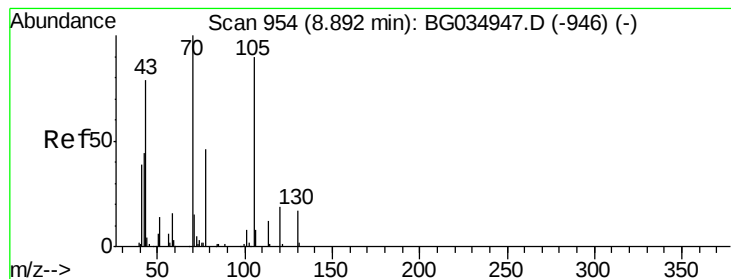


Abundance Ion 117.00 (116.70 to 117.70): E

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: 34.175 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

Tgt Ion: 70 Resp: 129964

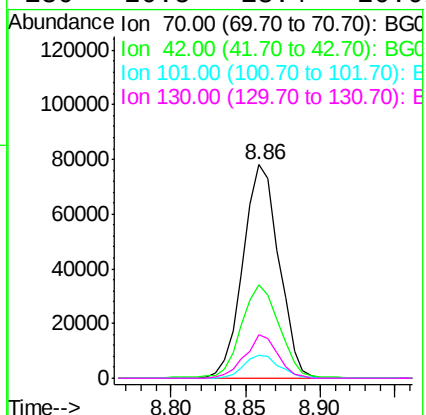
Ion Ratio Lower Upper

70 100

42 43.8 49.1 73.7#

101 10.6 8.5 12.7

130 20.5 13.4 20.0#



#20

3+4-Methylphenols

Concen: 44.330 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Tgt Ion: 107 Resp: 194057

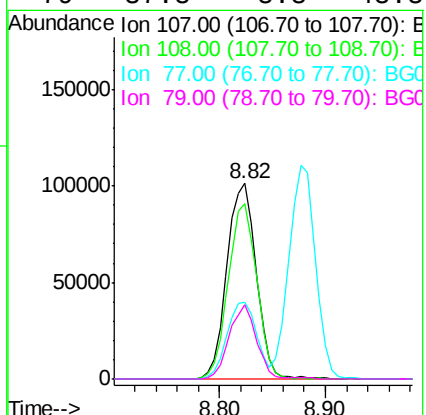
Ion Ratio Lower Upper

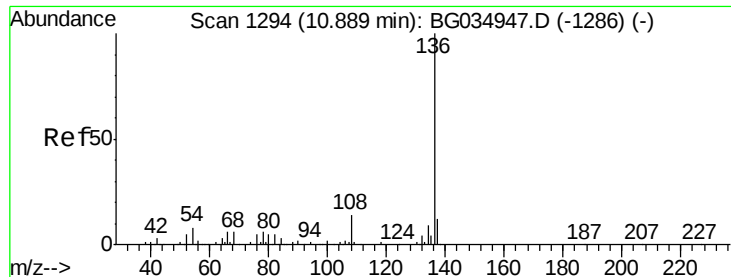
107 100

108 89.9 61.6 101.6

77 39.0 13.9 53.9

79 37.8 8.8 48.8

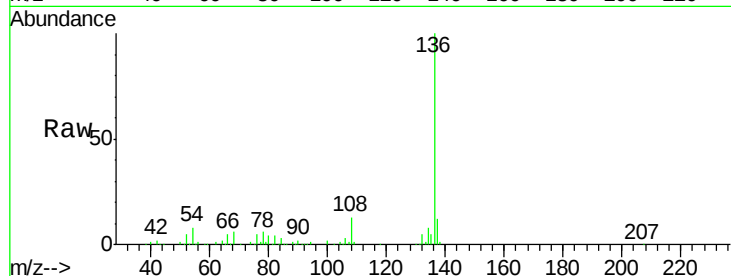




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Instrument :
BNA_G
ClientSampleId :
PB110338BS

Tgt Ion:	136	Resp:	193295
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	8.1	10.3	15.5#
68	6.0	4.5	6.7



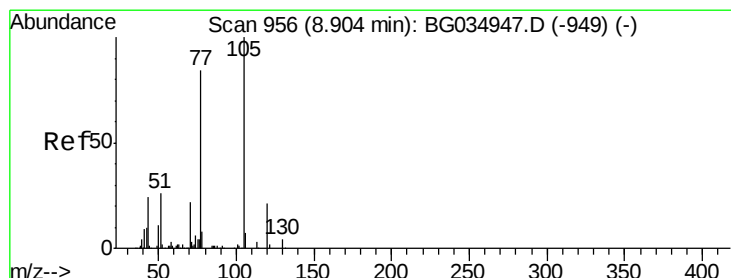
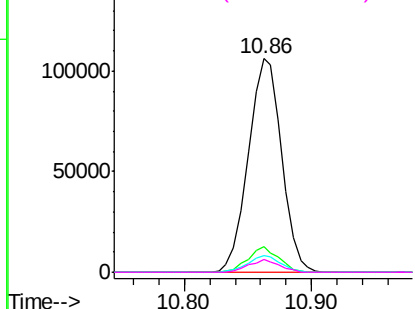
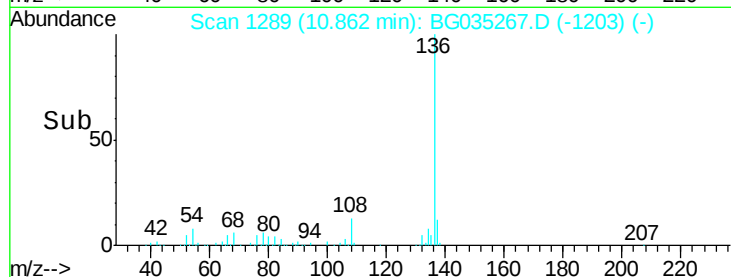
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

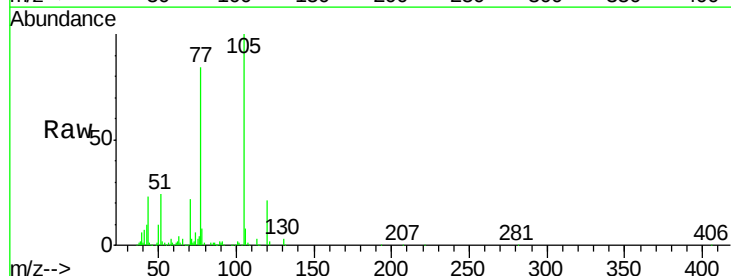
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.948 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Tgt Ion:	105	Resp:	239195
Ion	Ratio	Lower	Upper
105	100		
71	3.3	3.0	4.4
51	23.8	26.1	39.1#
120	20.7	17.4	26.2



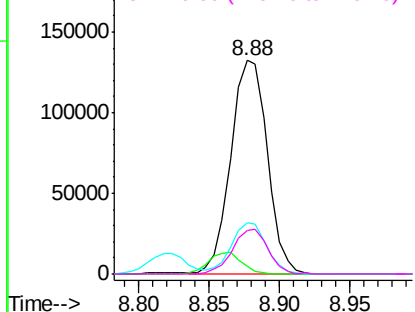
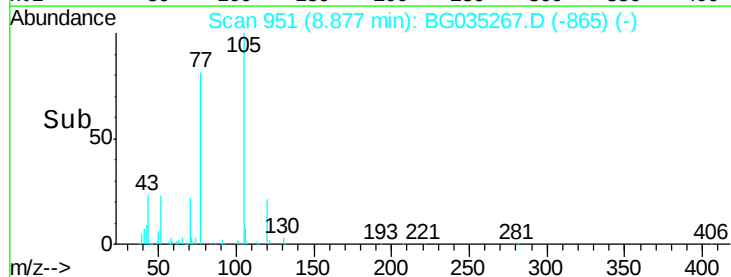
Abundance

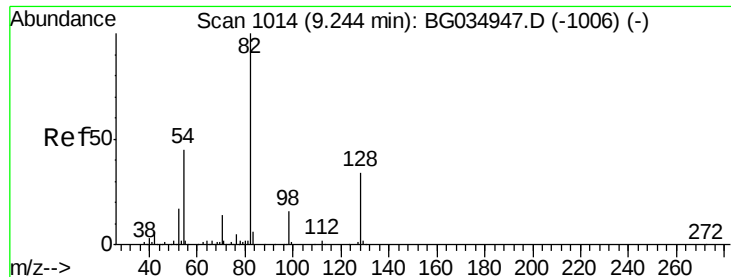
Ion 105.00 (104.70 to 105.70): E

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

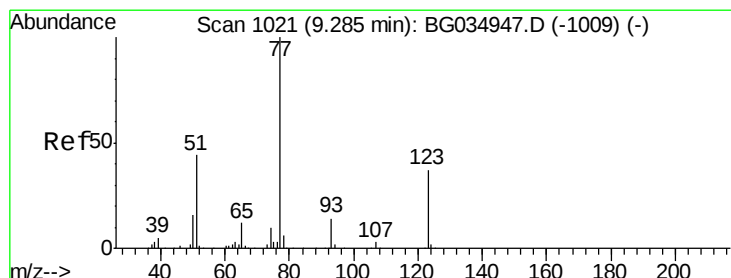
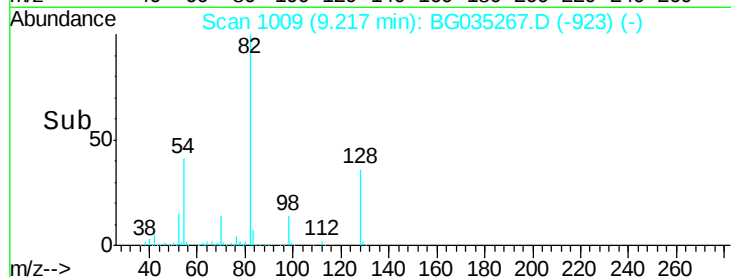
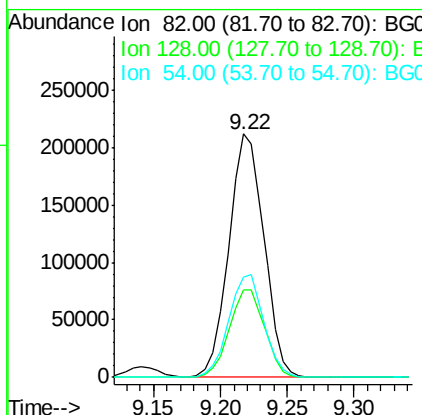
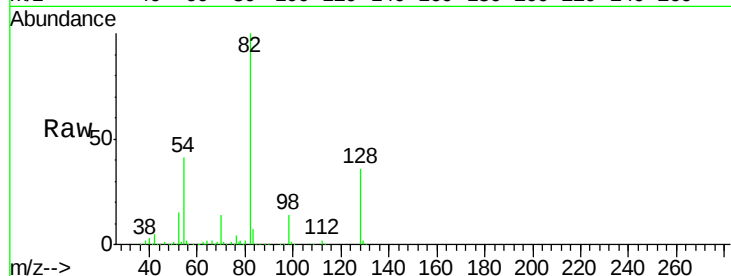




#23
Nitrobenzene-d5
Concen: 95.214 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

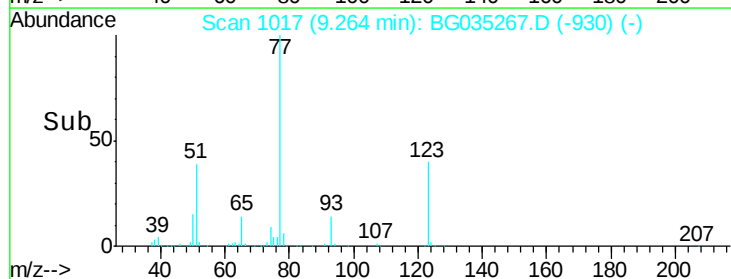
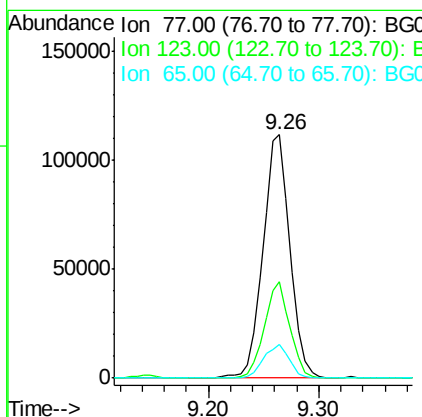
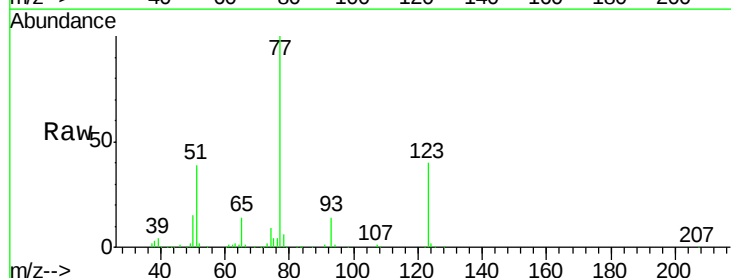
Instrument :
BNA_G
ClientSampled :
PB110338BS

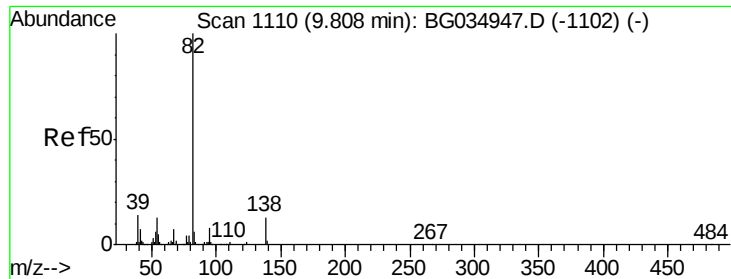
Tgt Ion: 82 Resp: 387180
Ion Ratio Lower Upper
82 100
128 35.9 29.7 44.5
54 41.4 43.1 64.7#



#24
Nitrobenzene
Concen: 45.773 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Tgt Ion: 77 Resp: 190602
Ion Ratio Lower Upper
77 100
123 39.7 33.0 49.6
65 14.1 13.0 19.6

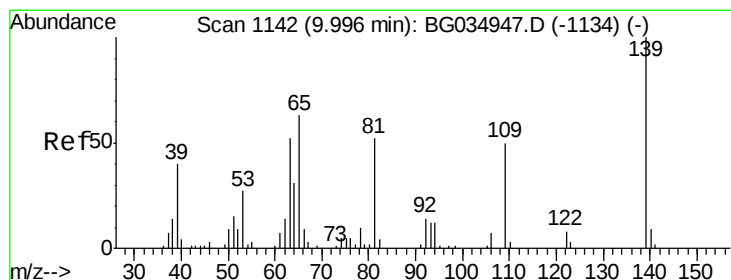
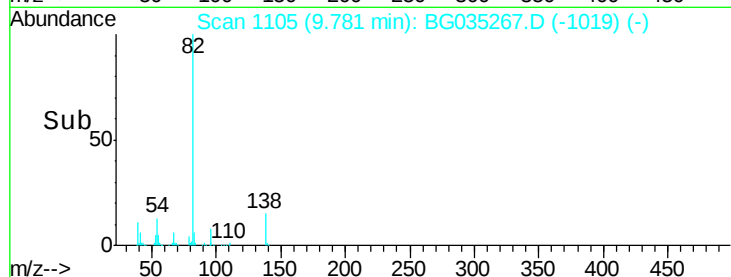
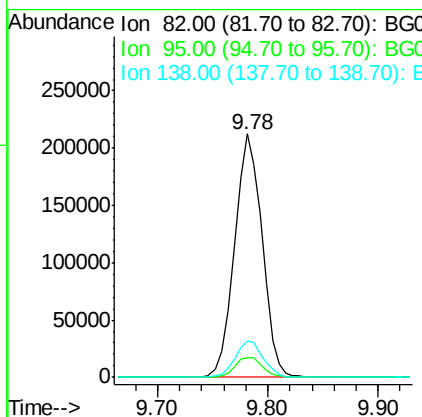
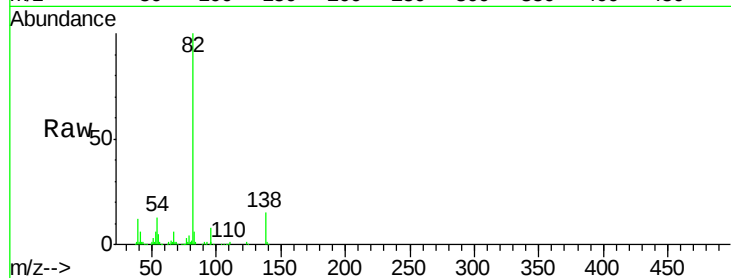




#25
Isophorone
Concen: 43.241 ng
RT: 9.78 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

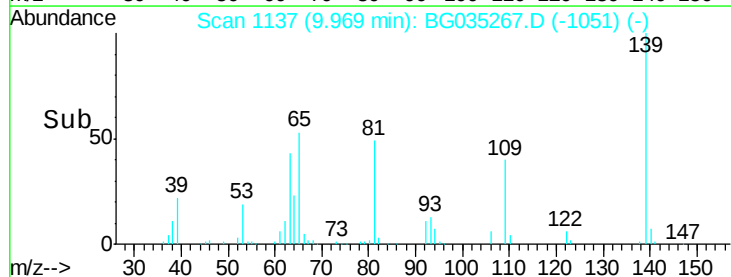
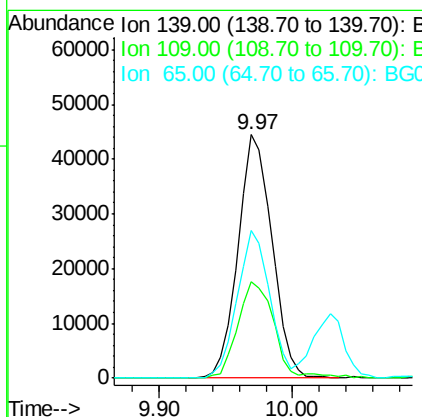
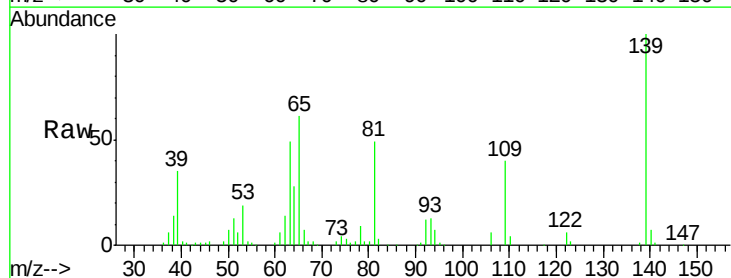
Instrument :
BNA_G
ClientSampled :
PB110338BS

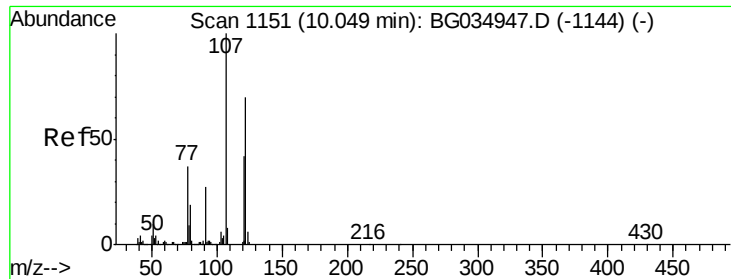
Tgt Ion: 82 Resp: 371242
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 14.9 12.1 18.1



#26
2-Nitrophenol
Concen: 54.522 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Tgt Ion: 139 Resp: 78257
Ion Ratio Lower Upper
139 100
109 39.5 24.2 36.2#
65 60.8 47.4 71.0

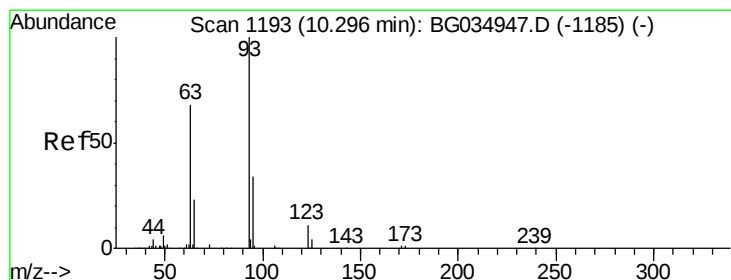
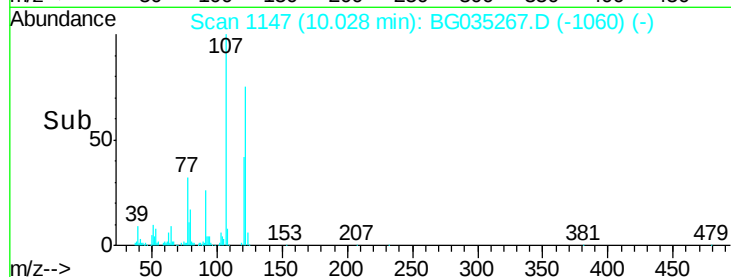
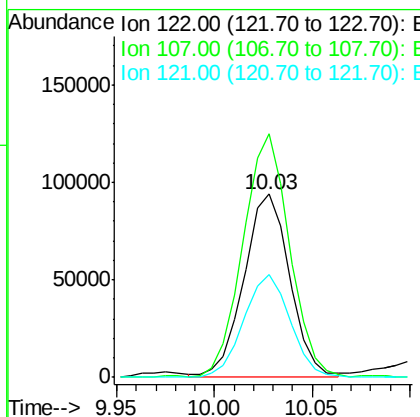
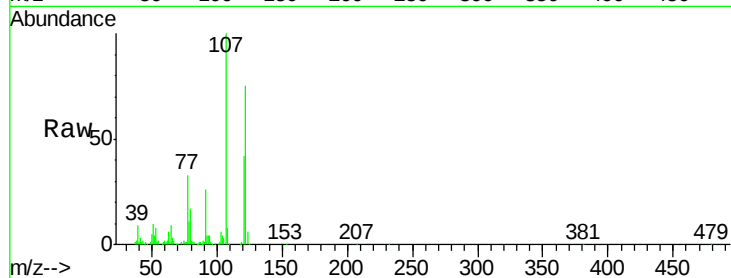




#27
 2,4-Dimethylphenol
 Concen: 50.604 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

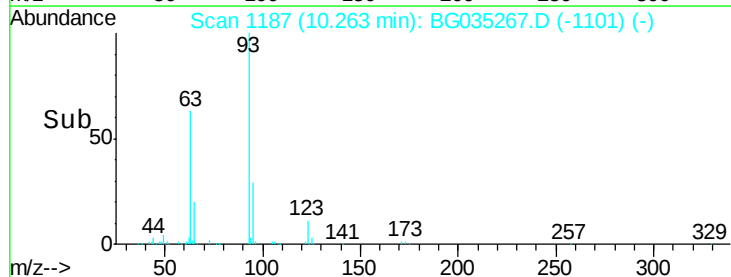
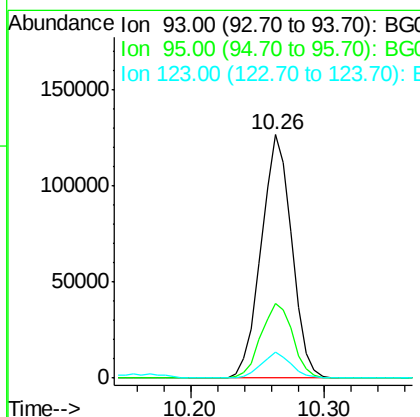
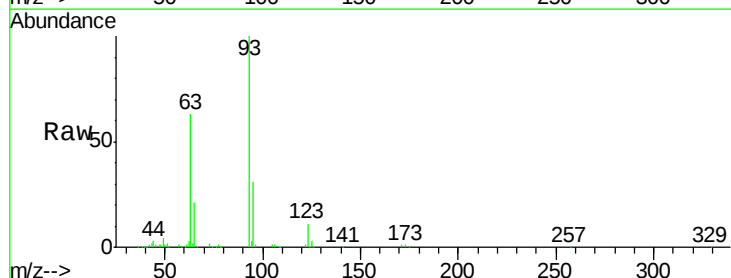
Instrument :
 BNA_G
 ClientSampleId :
 PB110338BS

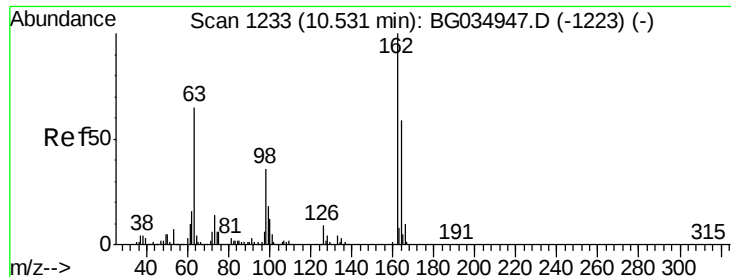
Tgt Ion	Ratio	Lower	Upper
122	100		
107	132.9	100.2	150.2
121	56.0	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.318 ng
 RT: 10.26 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	24.3	36.5
123	10.7	8.4	12.6

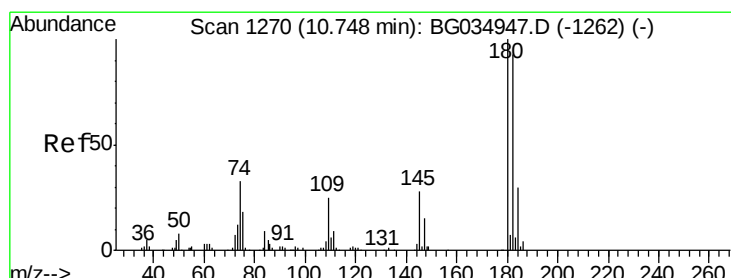
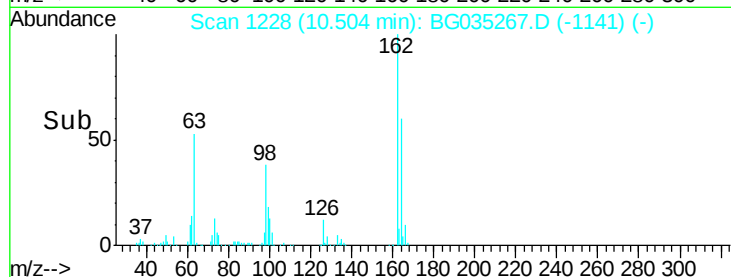
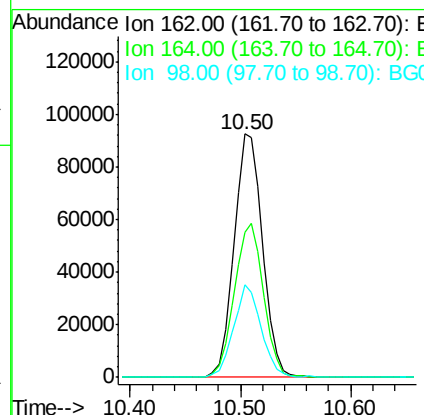
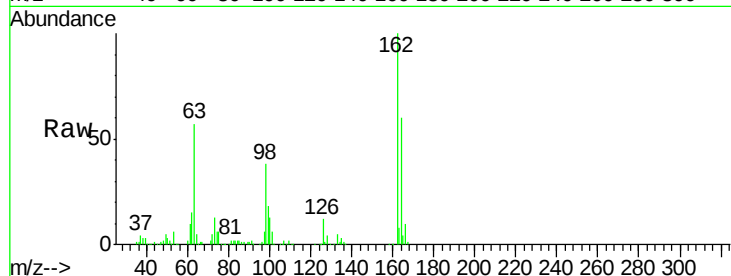




#29
 2,4-Dichlorophenol
 Concen: 50.973 ng
 RT: 10.50 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

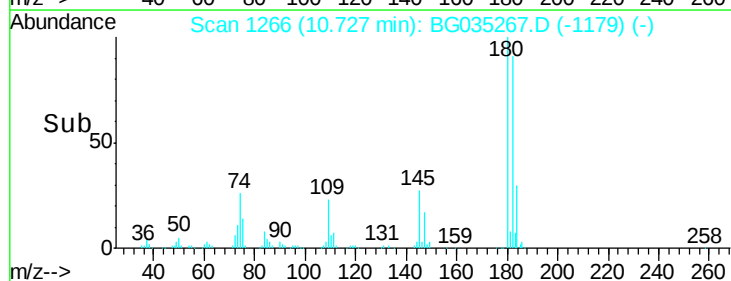
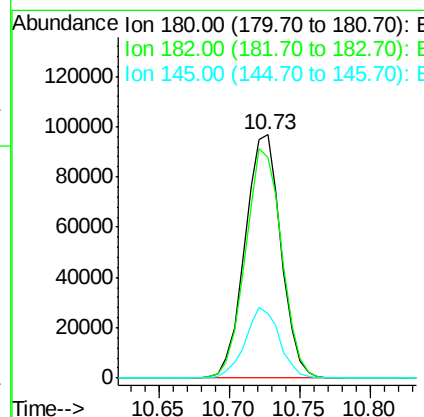
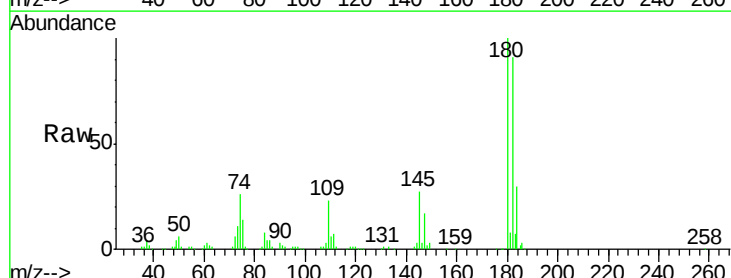
Instrument :
 BNA_G
 ClientSampleId :
 PB110338BS

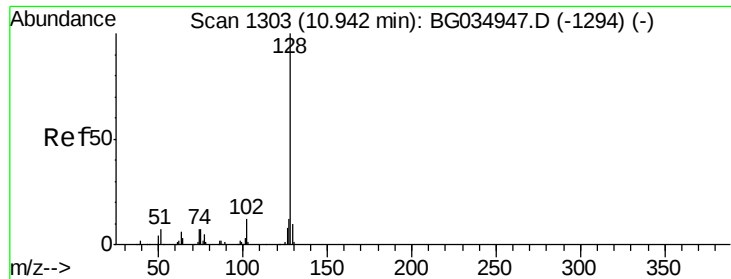
Tgt Ion	Ratio	Lower	Upper
162	100		
164	59.8	48.0	88.0
98	38.0	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.803 ng
 RT: 10.73 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.6	77.5	116.3
145	26.7	23.4	35.2

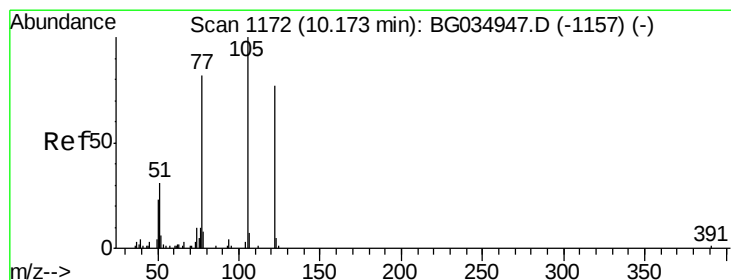
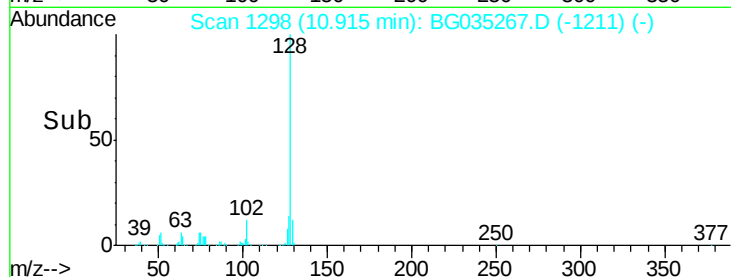
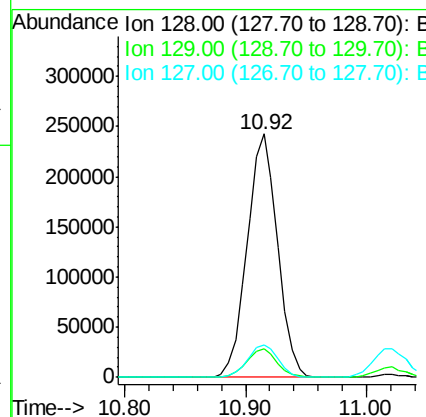
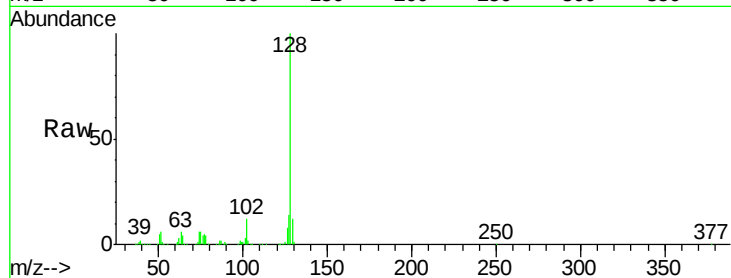




#31
Naphthalene
Concen: 42.177 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

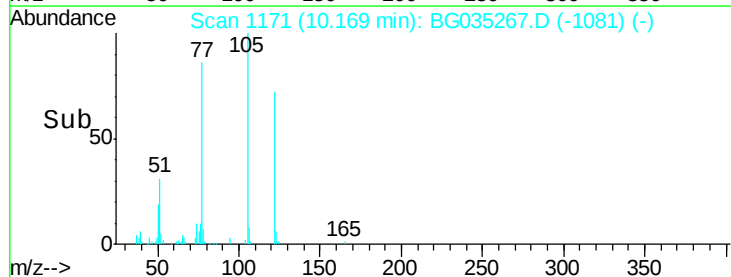
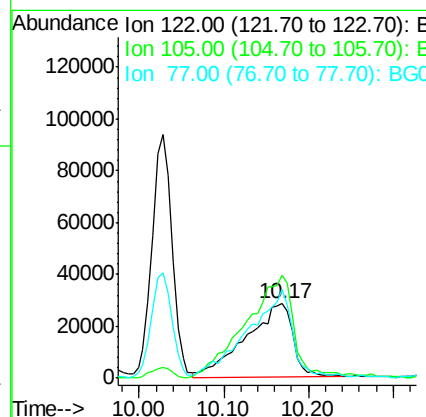
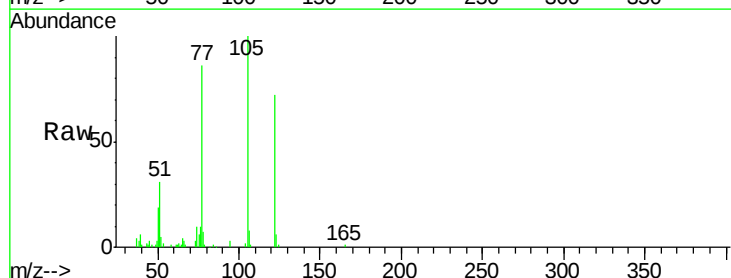
Instrument :
BNA_G
ClientSampleId :
PB110338BS

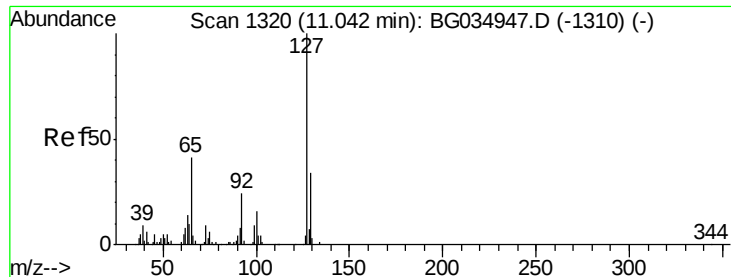
Tgt Ion:128 Resp: 423518
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 13.5 11.6 17.4



#32
Benzoic acid
Concen: 53.883 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Tgt Ion:122 Resp: 108886
Ion Ratio Lower Upper
122 100
105 138.1 123.5 163.5
77 119.2 85.7 125.7

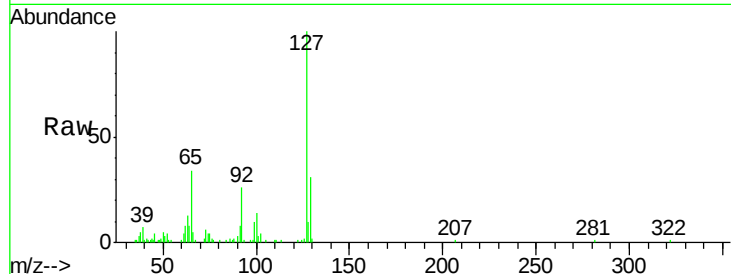




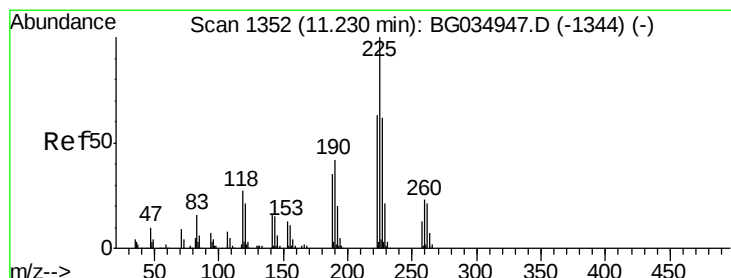
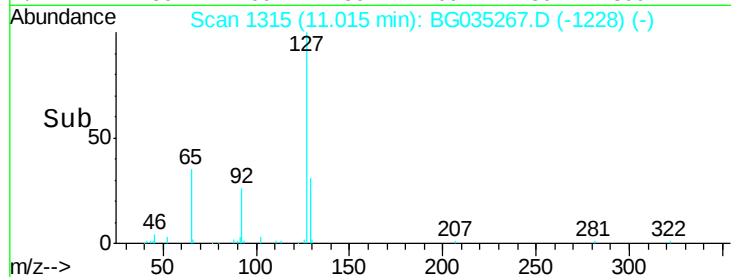
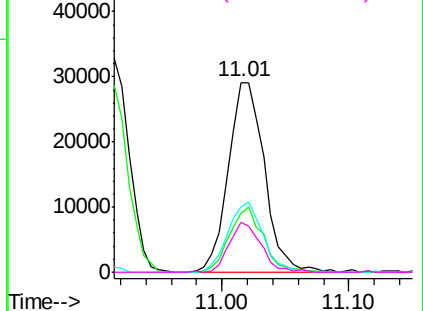
#33
4-Chloroaniline
Concen: 13.183 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Instrument :
BNA_G
ClientSampleId :
PB110338BS

Tgt Ion:	127	Resp:	57479
Ion	Ratio	Lower	Upper
127	100		
129	30.9	24.0	36.0
65	34.2	27.0	40.4
92	26.1	16.6	25.0

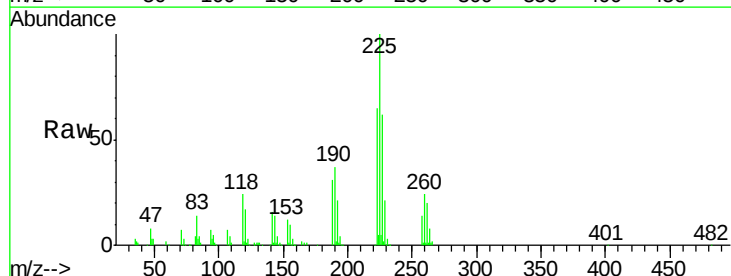


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

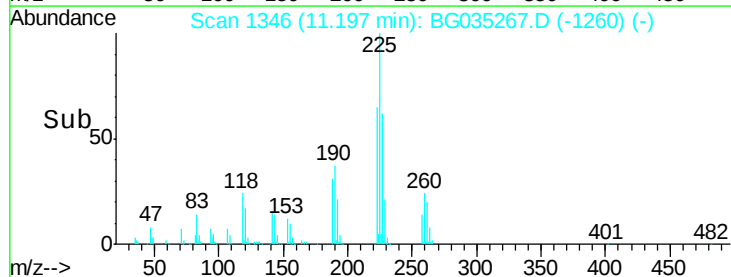
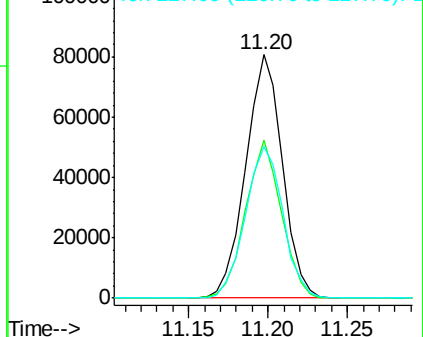


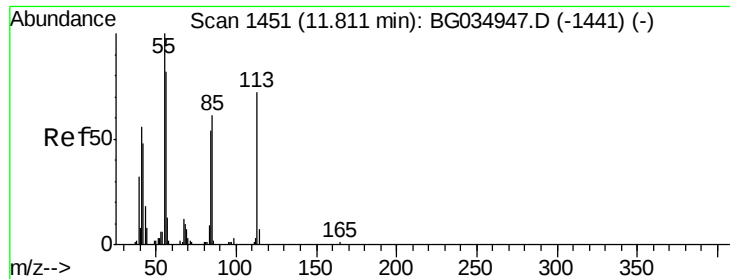
#34
Hexachlorobutadiene
Concen: 42.425 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Tgt Ion:	225	Resp:	129876
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.7	74.5
227	62.2	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: 48.649 ng m

RT: 11.79 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

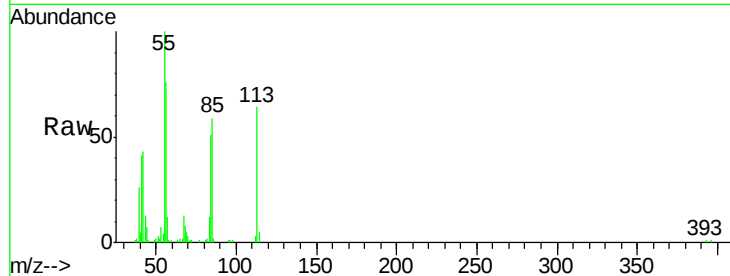
Tgt Ion:113 Resp: 59021

Ion Ratio Lower Upper

113 100

55 155.7 186.9 226.9#

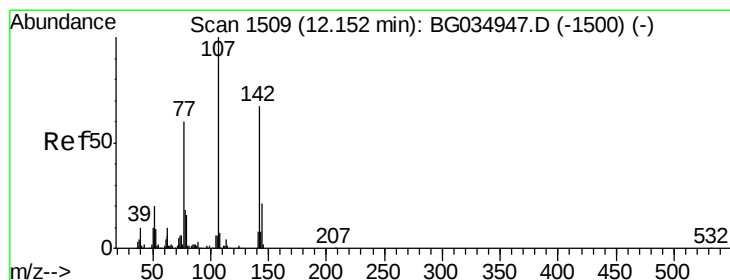
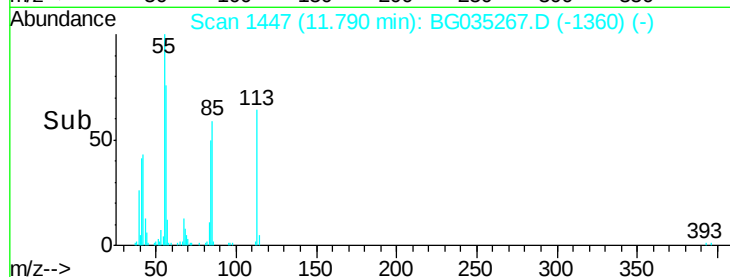
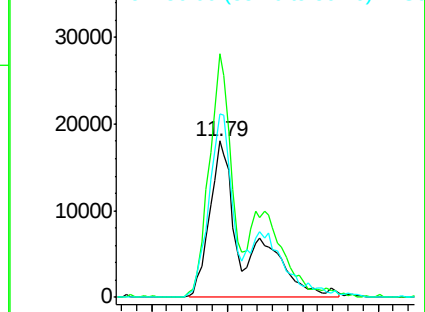
56 117.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.576 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

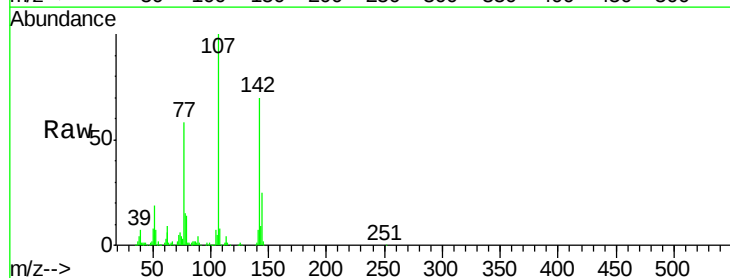
Tgt Ion:107 Resp: 202869

Ion Ratio Lower Upper

107 100

144 25.3 18.2 27.4

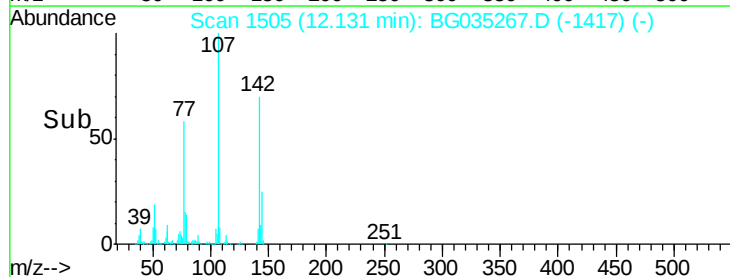
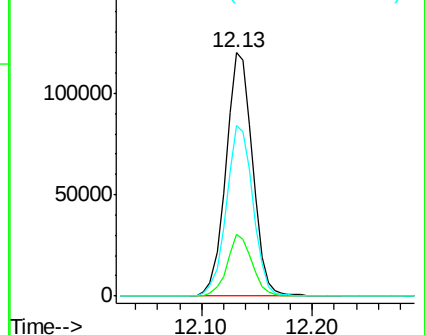
142 70.2 59.0 88.4

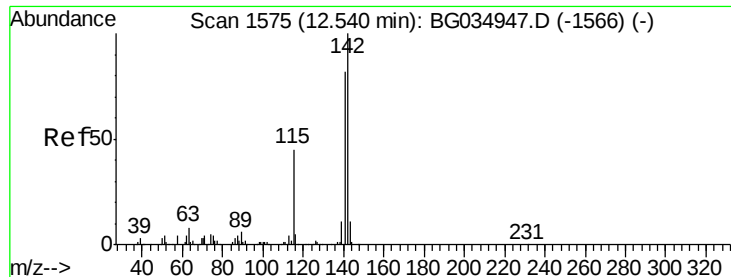


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

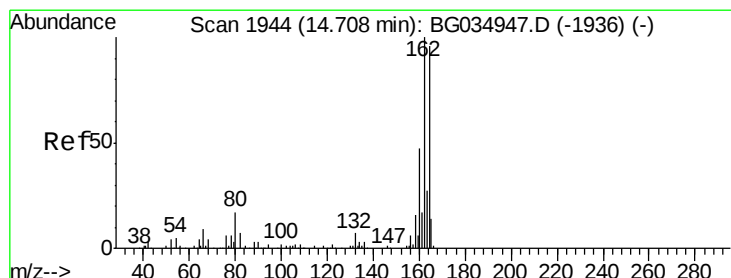
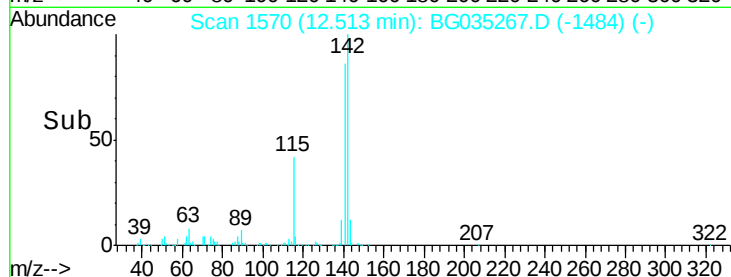
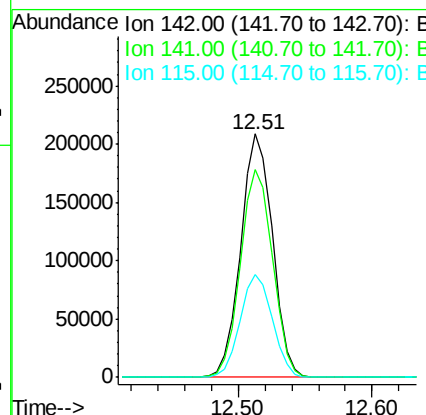
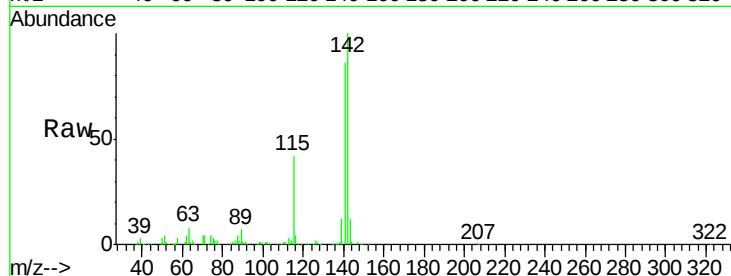




#37
2-Methylnaphthalene
Concen: 45.012 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

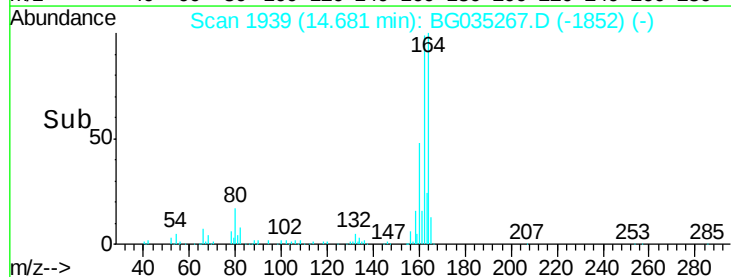
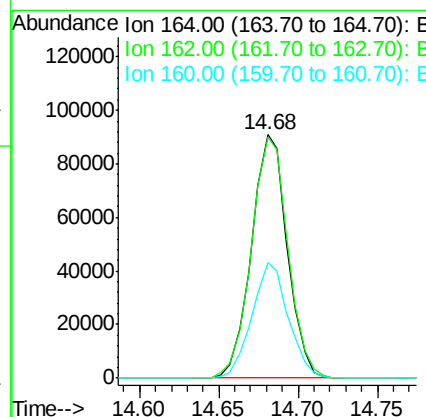
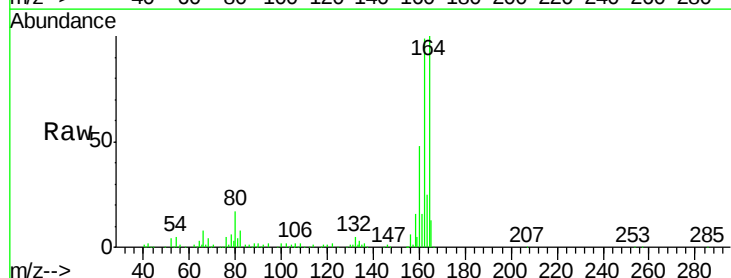
Instrument :
BNA_G
ClientSampled :
PB110338BS

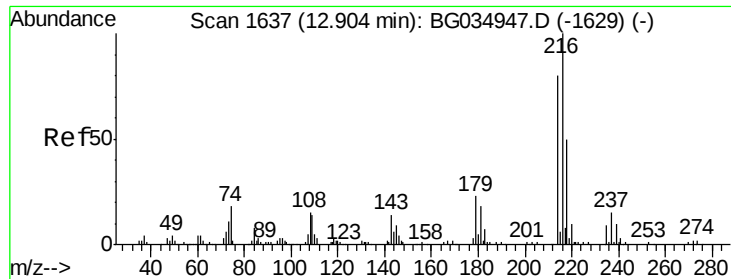
Tgt Ion:142 Resp: 342676
Ion Ratio Lower Upper
142 100
141 85.6 67.1 100.7
115 42.4 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Tgt Ion:164 Resp: 142147
Ion Ratio Lower Upper
164 100
162 98.8 78.8 118.2
160 47.6 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.510 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

Tgt Ion:216 Resp: 230371

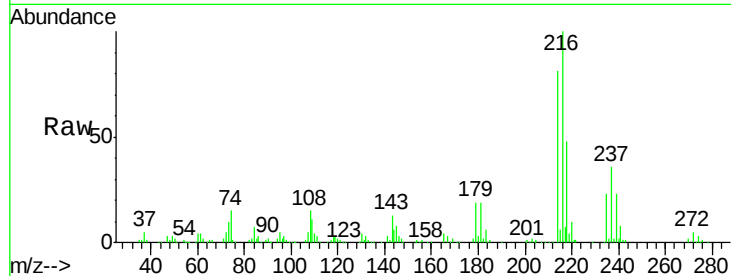
Ion Ratio Lower Upper

216 100

214 77.7 63.0 94.4

179 19.6 17.0 25.6

108 16.6 12.8 19.2

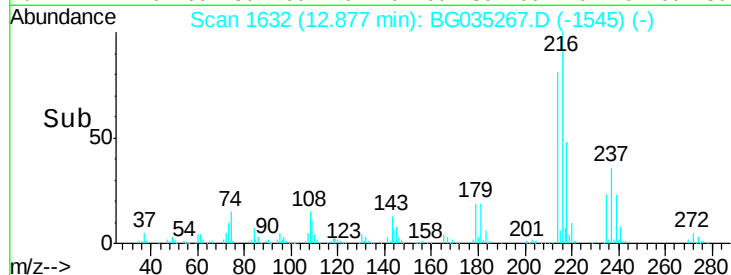


Abundance Ion 216.00 (215.70 to 216.70): E

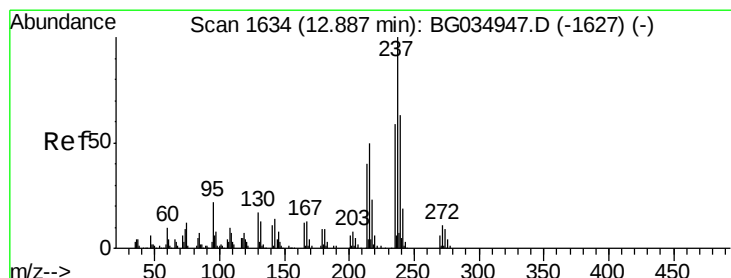
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 12.80 12.85 12.90 12.95



#40

Hexachlorocyclopentadiene

Concen: 99.253 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

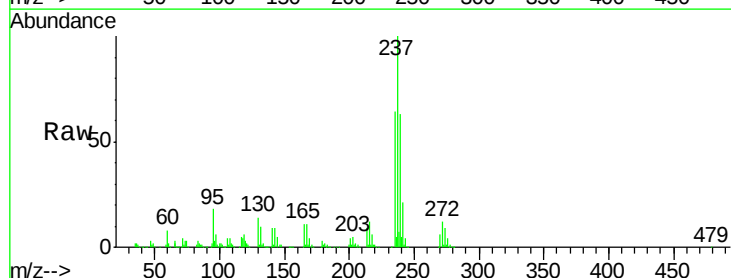
Tgt Ion:237 Resp: 329544

Ion Ratio Lower Upper

237 100

235 64.4 50.4 90.4

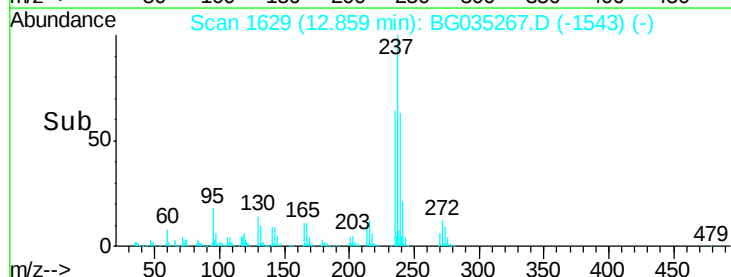
272 12.0 0.0 31.8



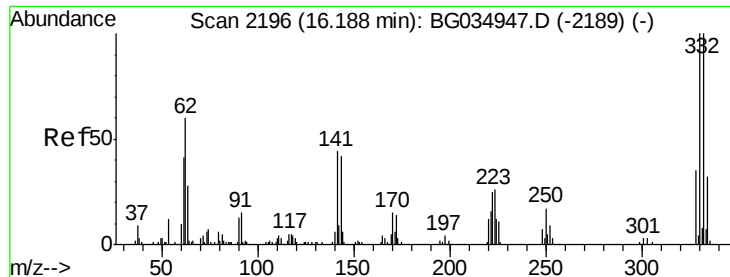
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



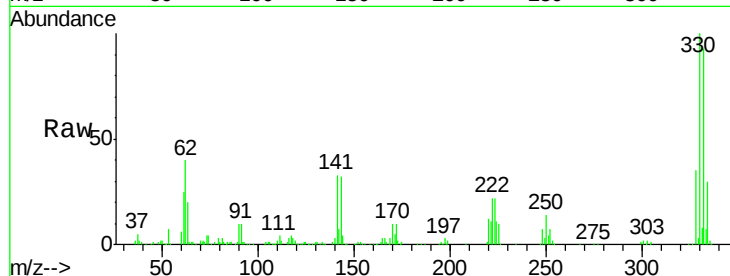
Time--> 12.80 12.85 12.90



#41
 2,4,6-Tribromophenol
 Concen: 161.106 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB110338BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	37.3	25.2	37.8

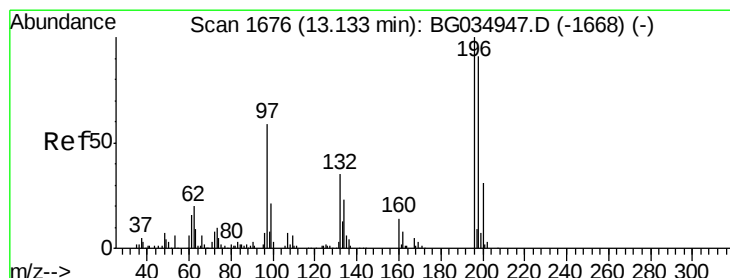
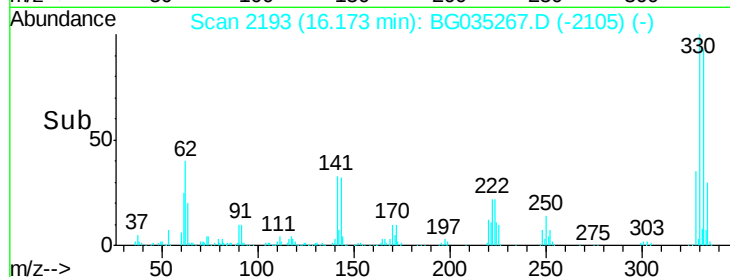
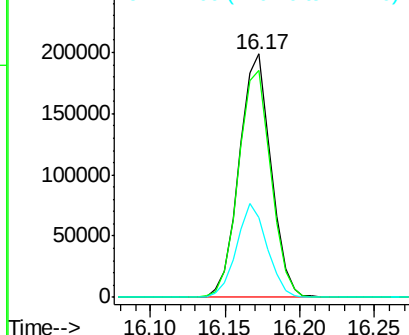


Abundance

Ion 329.80 (329.50 to 330.50): E

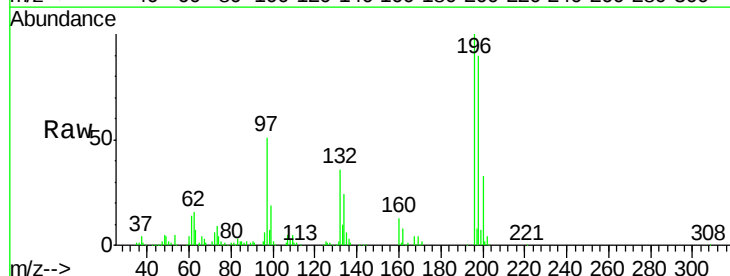
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 50.150 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.4	78.2	117.2
200	32.7	24.6	36.8

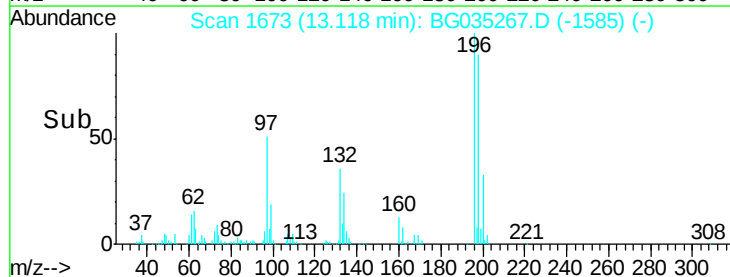
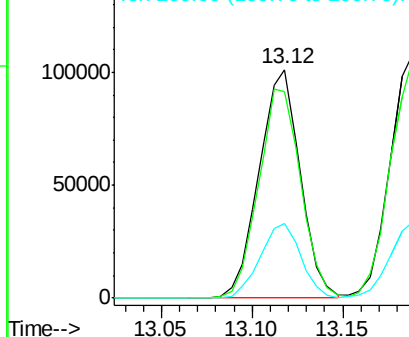


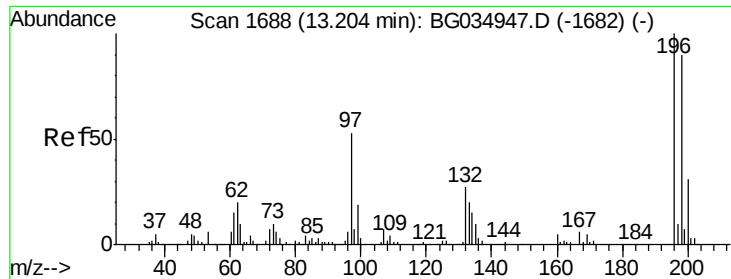
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

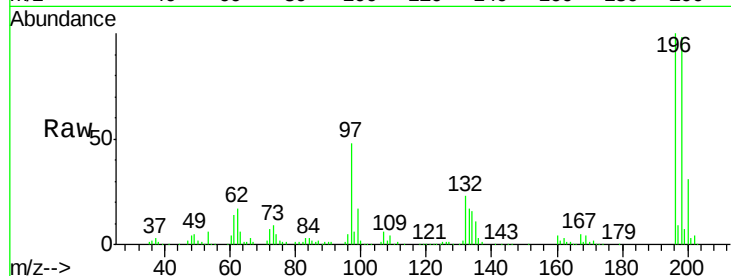




#43
 2,4,5-Trichlorophenol
 Concen: 50.537 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB110338BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	76.2	114.4
97	47.6	38.7	58.1
132	22.9	20.2	30.2



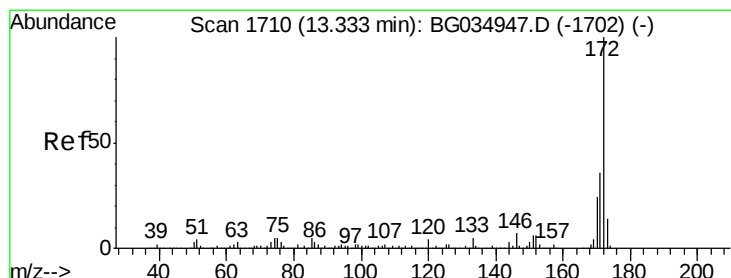
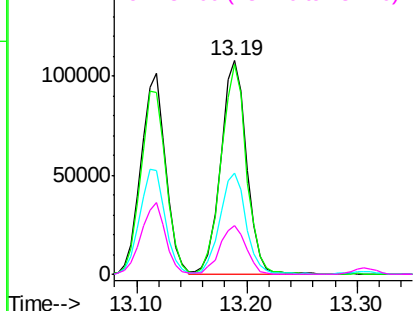
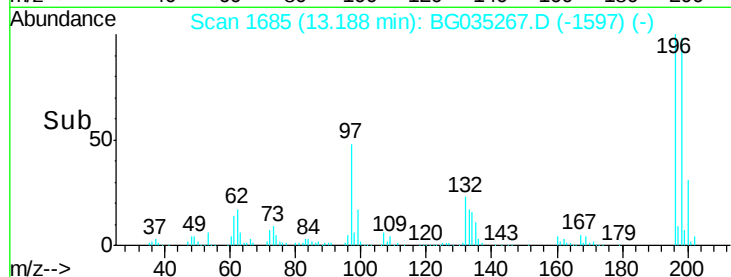
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

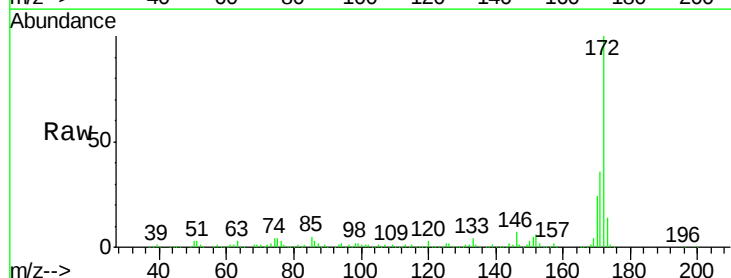
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.903 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	24.4	19.5	29.3

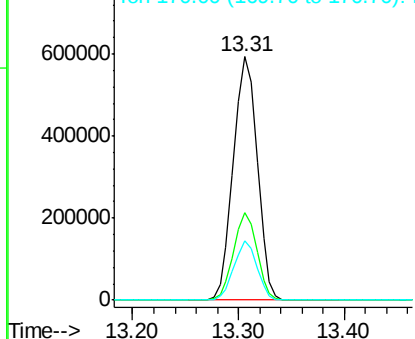
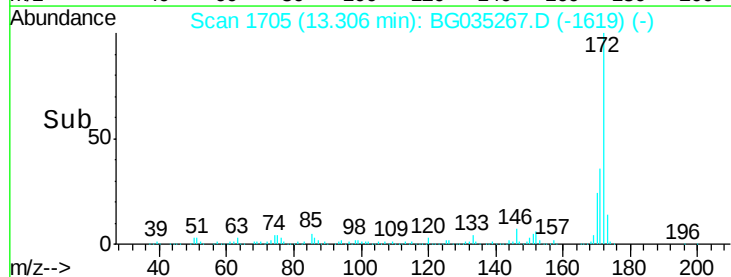


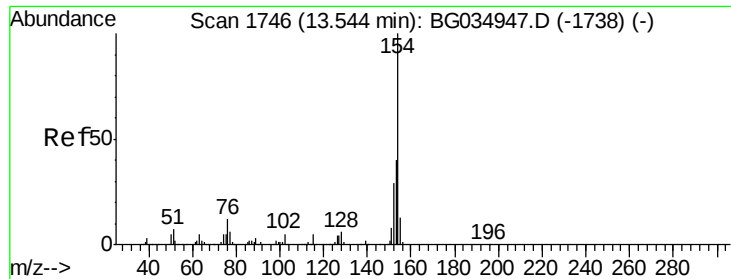
Abundance

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

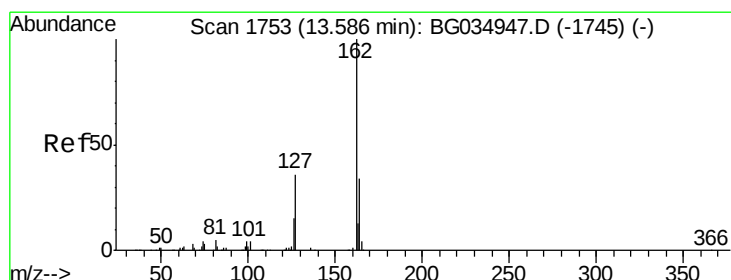
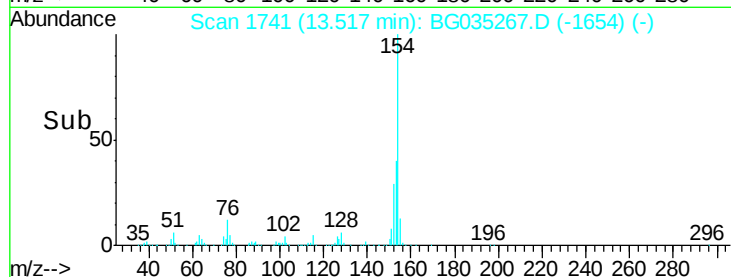
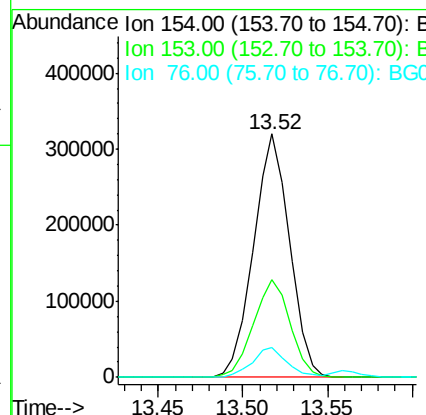
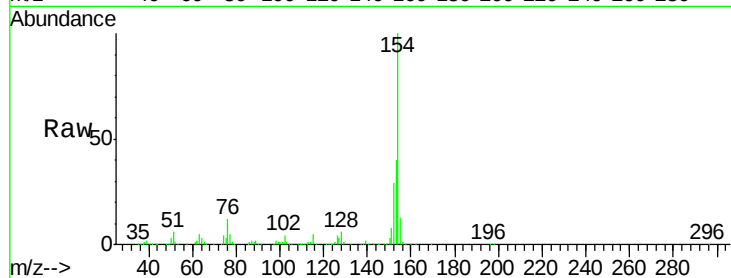




#45
 1,1'-Biphenyl
 Concen: 41.370 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

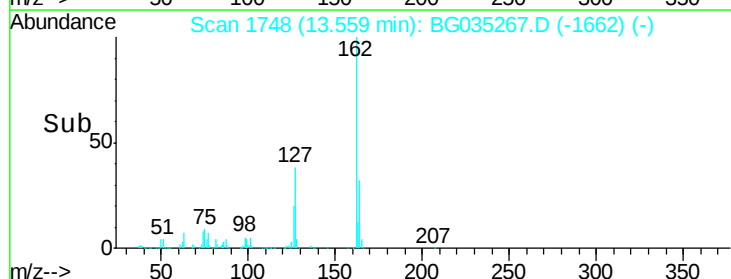
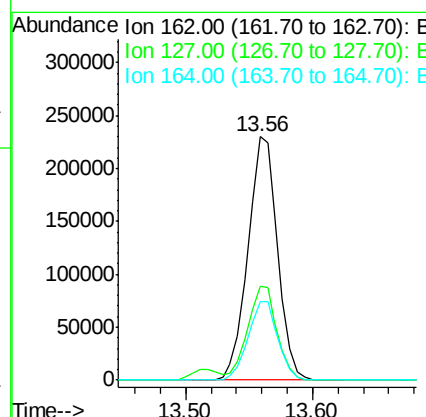
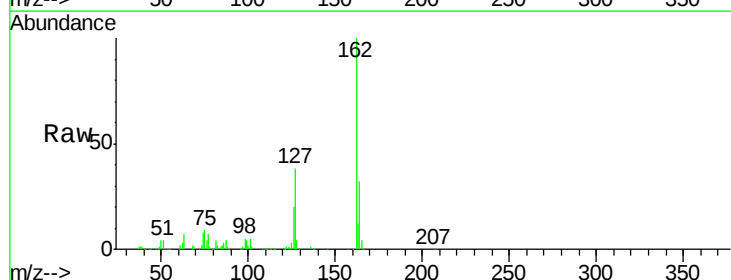
Instrument :
 BNA_G
 ClientSampleId :
 PB110338BS

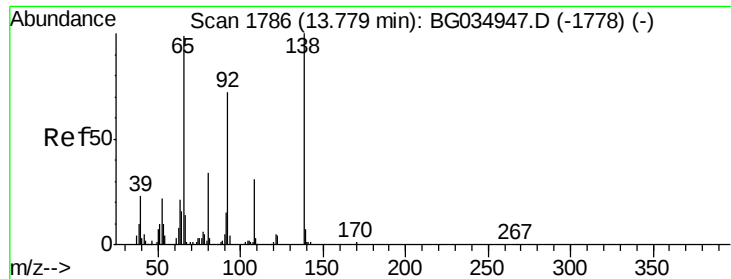
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.8	59.8
76	12.0	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 43.013 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	30.7	46.1
164	32.2	26.0	39.0

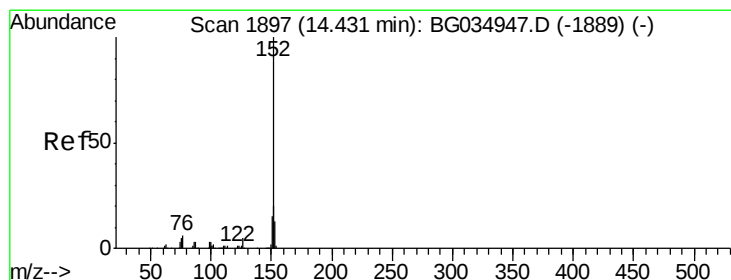
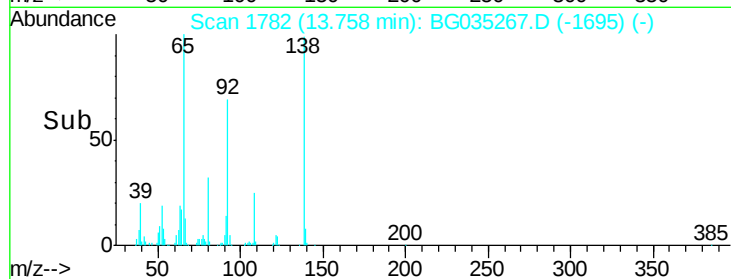
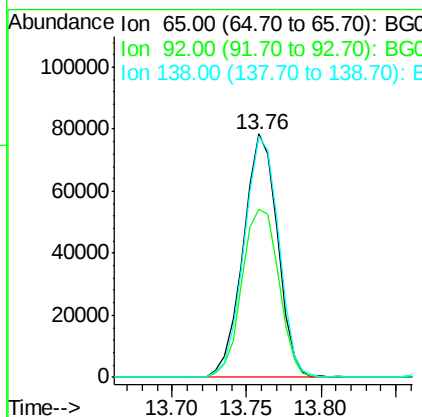
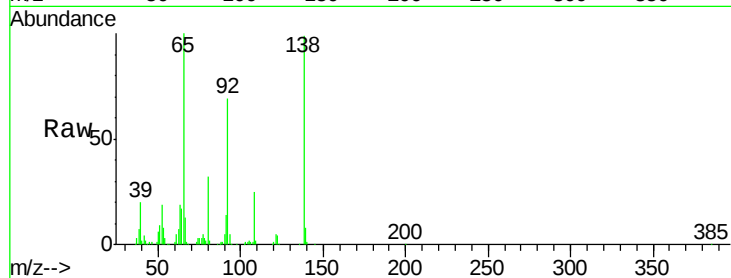




#47
2-Nitroaniline
Concen: 48.917 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

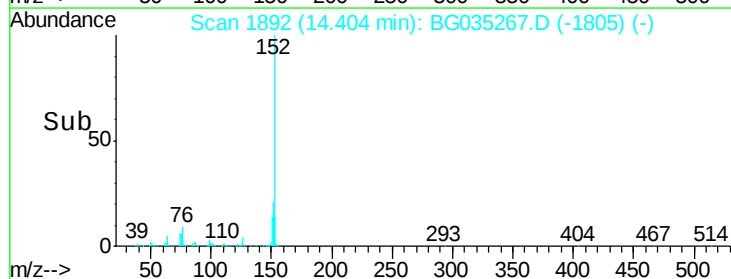
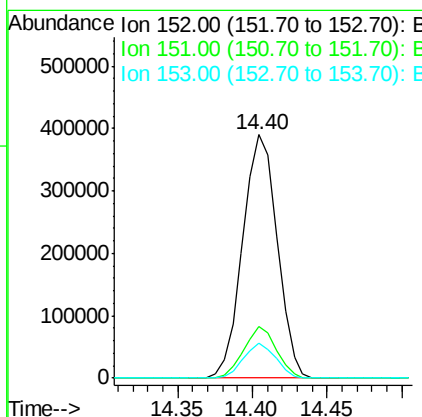
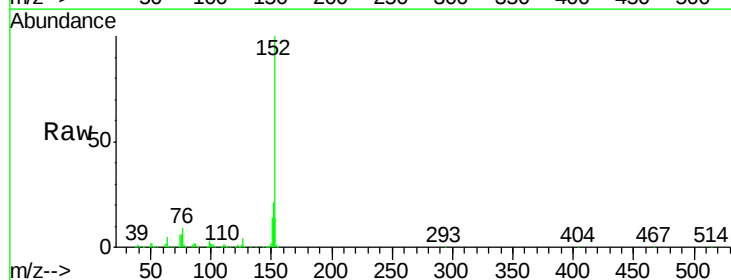
Instrument :
BNA_G
ClientSampleId :
PB110338BS

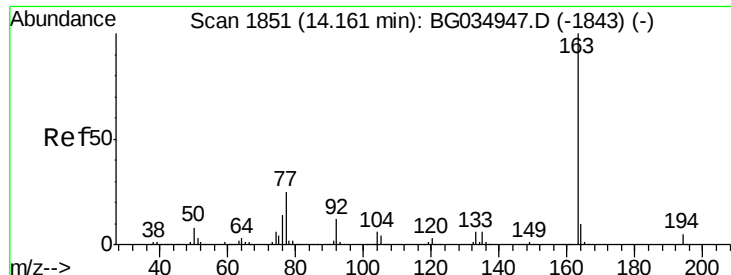
Tgt Ion: 65 Resp: 124830
Ion Ratio Lower Upper
65 100
92 68.9 54.6 82.0
138 99.1 72.9 109.3



#48
Acenaphthylene
Concen: 43.070 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Tgt Ion: 152 Resp: 624101
Ion Ratio Lower Upper
152 100
151 21.2 17.2 25.8
153 14.3 10.2 15.4





#49

Dimethylphthalate

Concen: 42.552 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

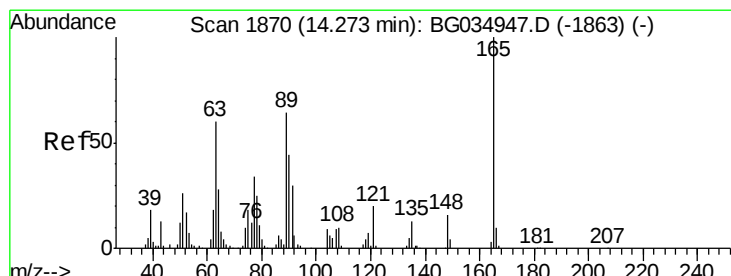
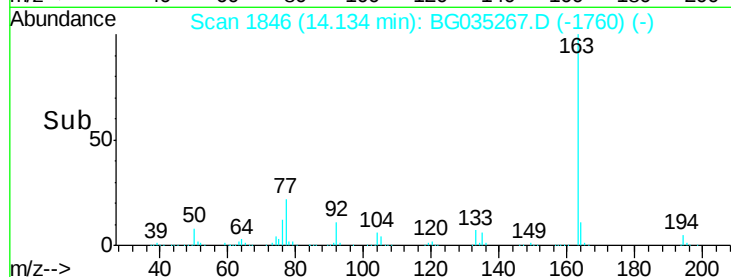
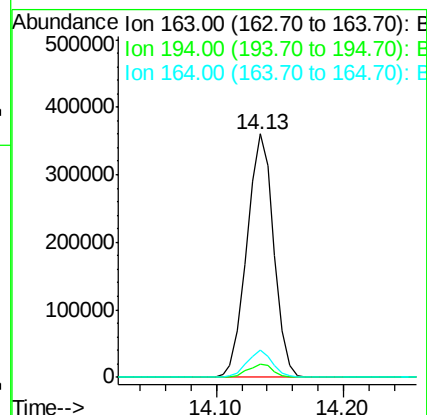
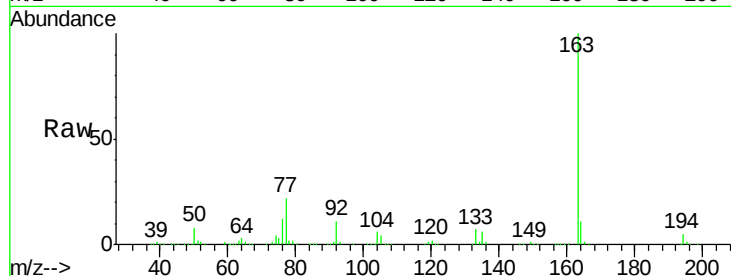
Tgt Ion:163 Resp: 527465

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2#

164 11.2 8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 51.979 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

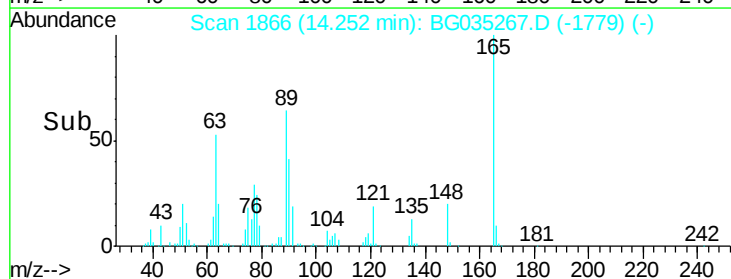
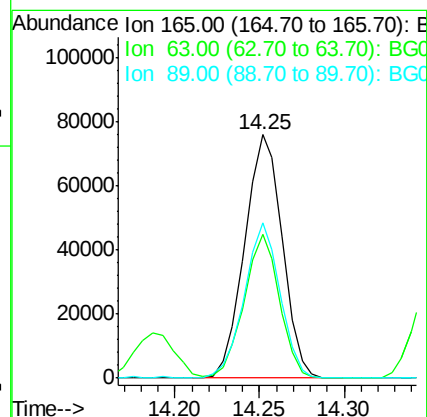
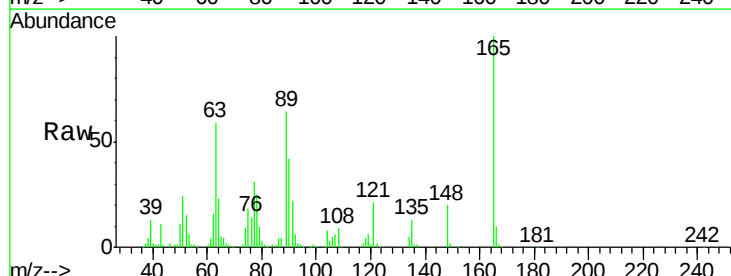
Tgt Ion:165 Resp: 117544

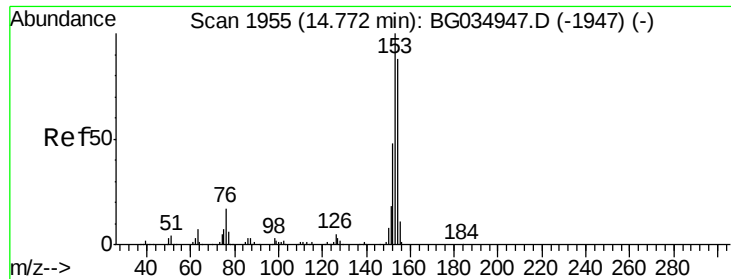
Ion Ratio Lower Upper

165 100

63 58.9 52.7 79.1

89 63.7 49.2 73.8





#51

Acenaphthene

Concen: 38.841 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

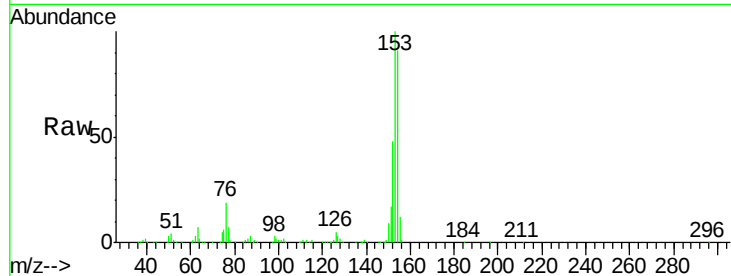
Tgt Ion:154 Resp: 367736

Ion Ratio Lower Upper

154 100

153 109.7 90.4 135.6

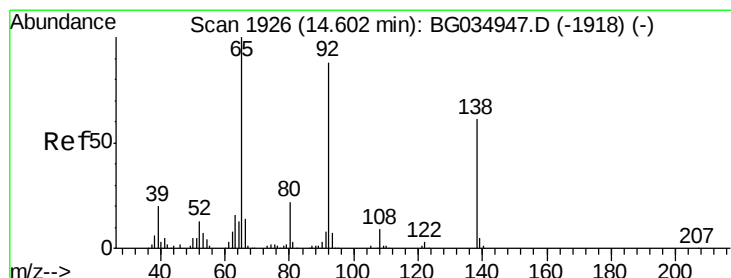
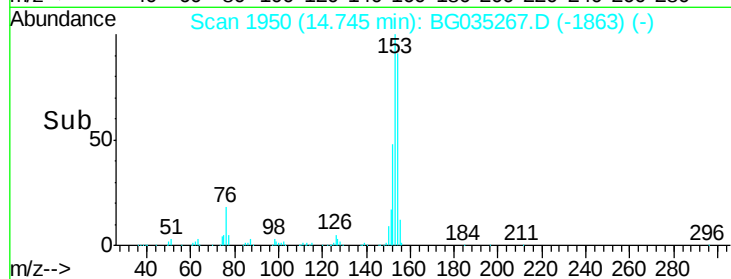
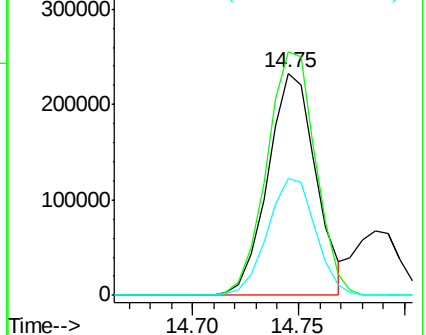
152 52.5 41.6 62.4



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: 26.321 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

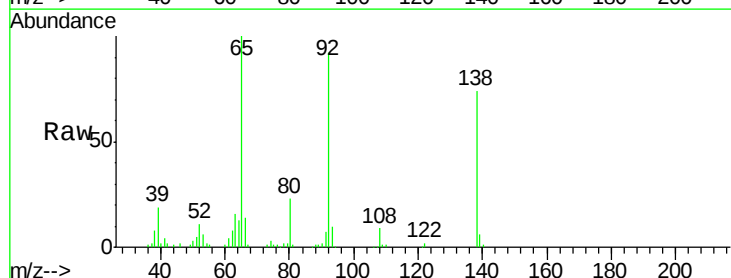
Tgt Ion:138 Resp: 58407

Ion Ratio Lower Upper

138 100

108 12.3 17.5 26.3#

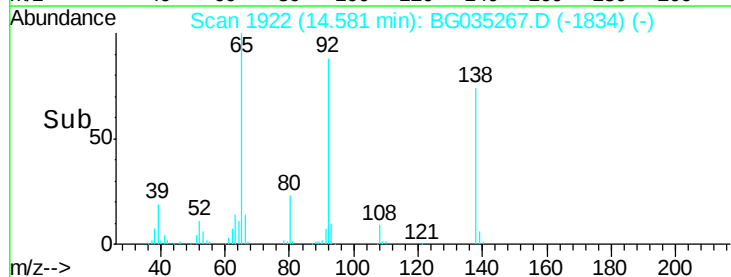
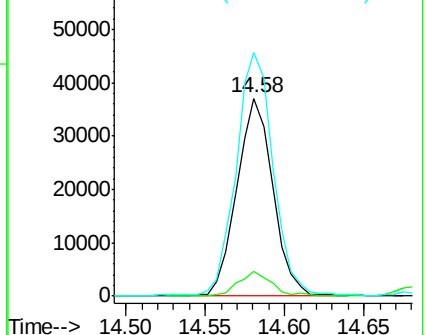
92 123.1 105.8 158.8

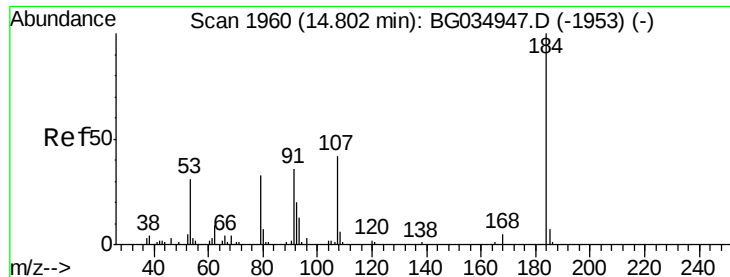


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 163.492 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

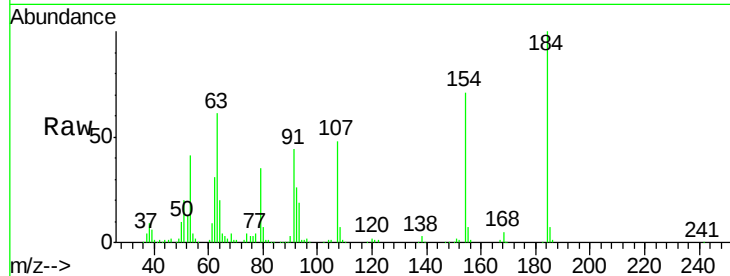
Tgt Ion:184 Resp: 149627

Ion Ratio Lower Upper

184 100

63 61.1 59.8 89.8

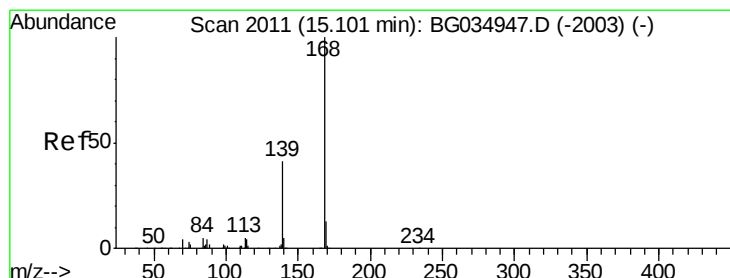
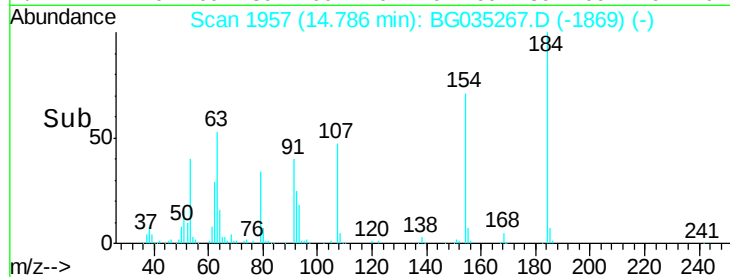
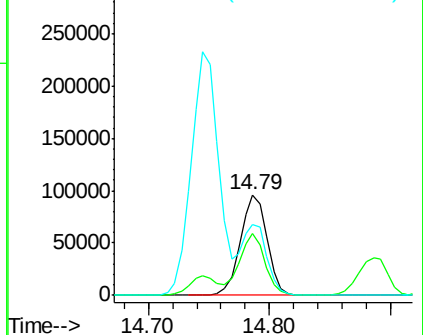
154 70.9 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.220 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

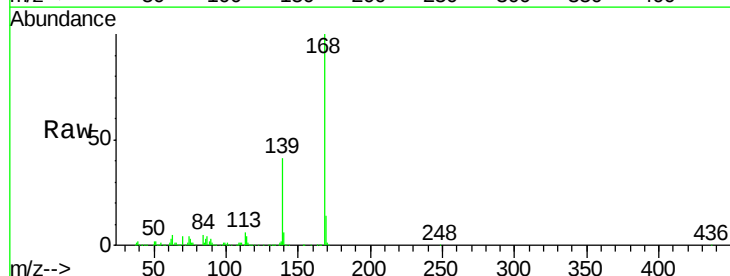
Tgt Ion:168 Resp: 612848

Ion Ratio Lower Upper

168 100

139 40.6 28.6 43.0

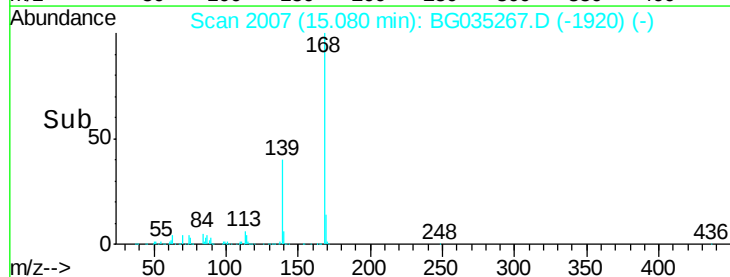
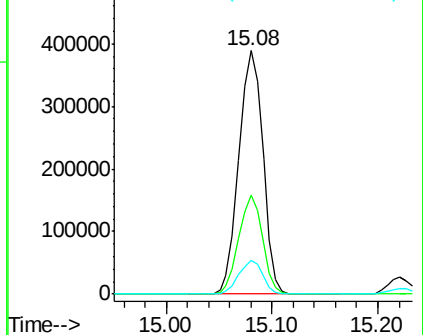
169 13.9 11.2 16.8

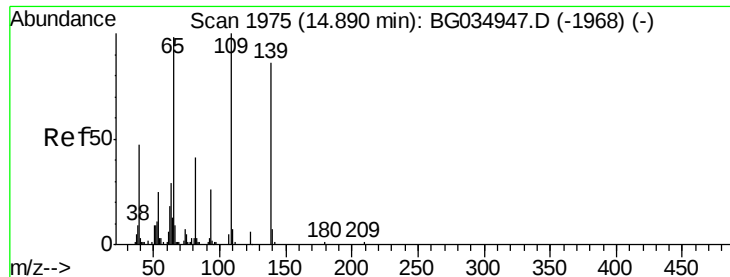


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 100.531 ng

RT: 14.89 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

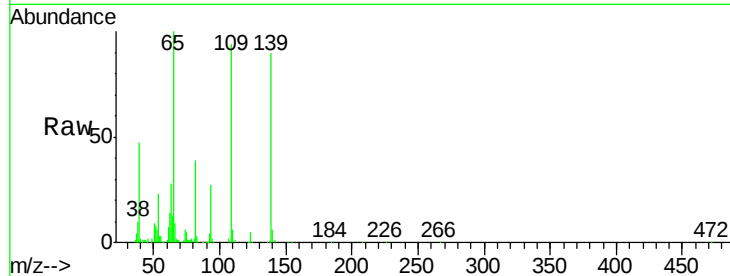
Tgt Ion:139 Resp: 188272

Ion Ratio Lower Upper

139 100

109 103.6 62.2 102.2#

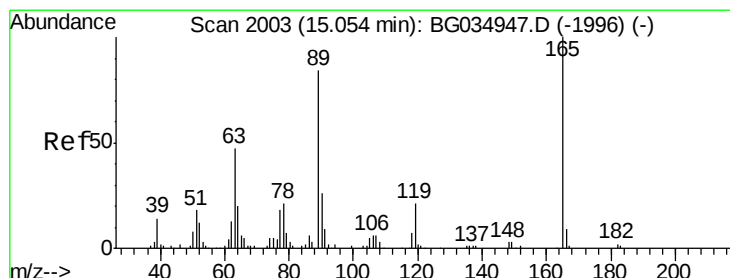
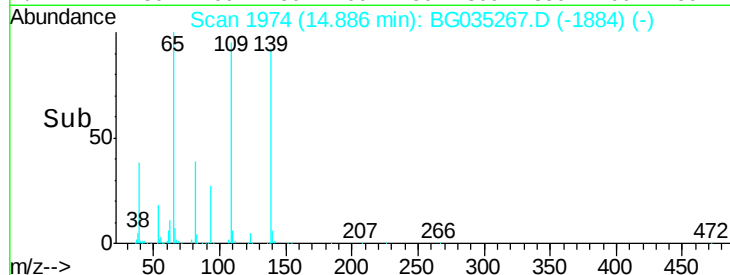
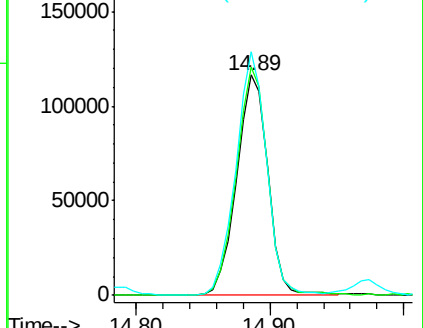
65 110.6 97.2 137.2



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: 57.175 ng

RT: 15.04 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Tgt Ion:165 Resp: 171755

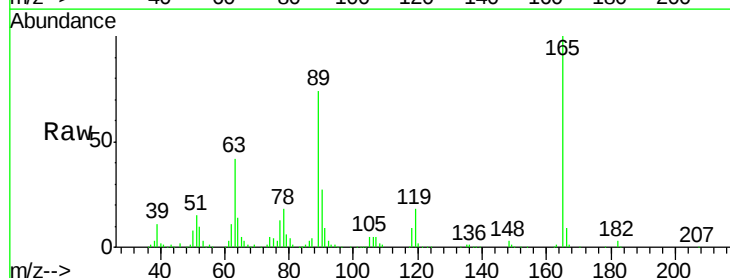
Ion Ratio Lower Upper

165 100

63 41.9 42.0 63.0#

89 73.7 66.9 100.3

182 2.8 2.6 3.8

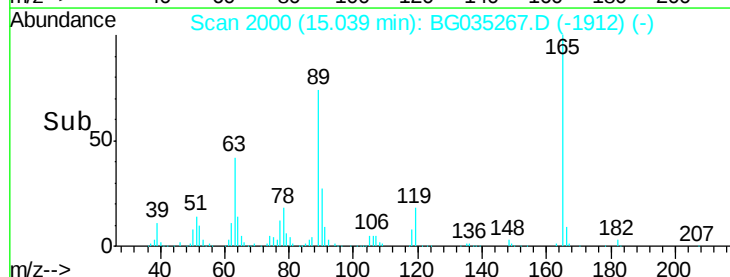
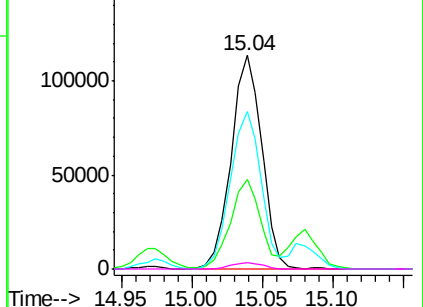


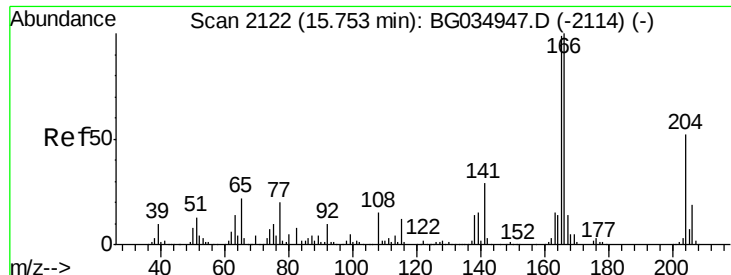
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.127 ng

RT: 15.73 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

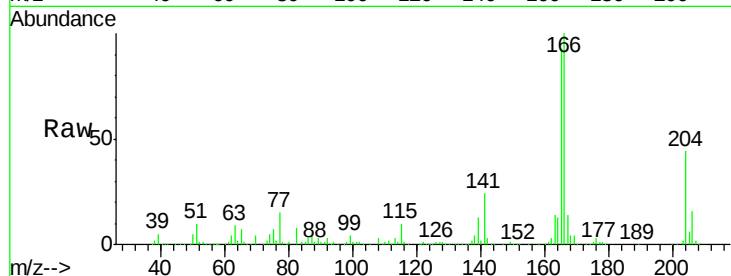
Tgt Ion:166 Resp: 511076

Ion Ratio Lower Upper

166 100

165 93.0 80.6 121.0

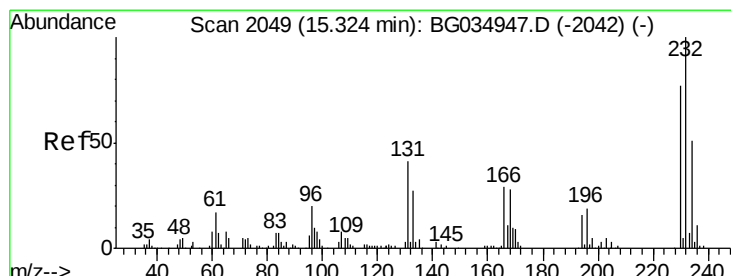
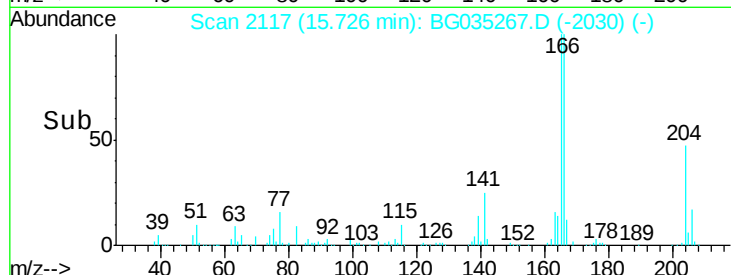
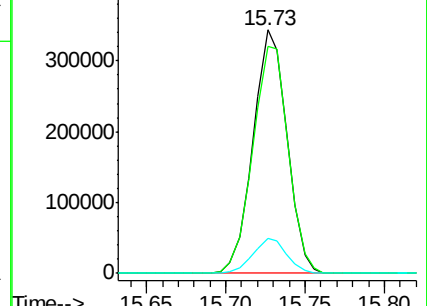
167 14.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.225 ng

RT: 15.30 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Tgt Ion:232 Resp: 176542

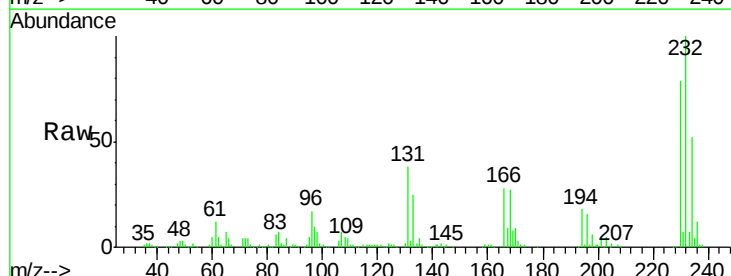
Ion Ratio Lower Upper

232 100

131 38.7 33.5 50.3

130 2.1 2.2 3.2#

166 28.2 24.8 37.2

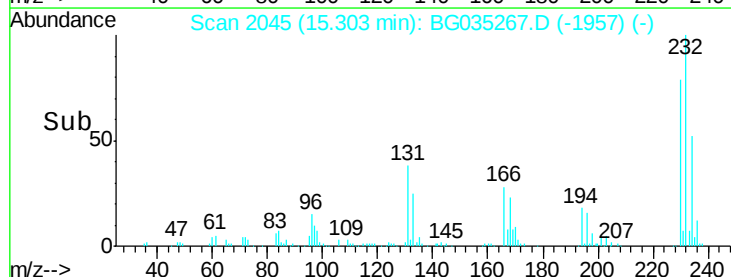
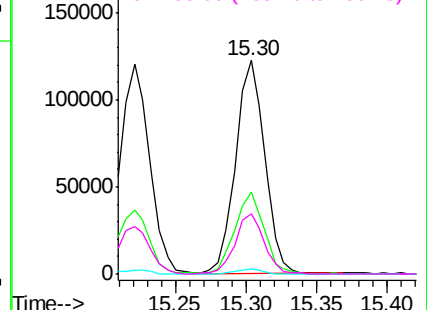


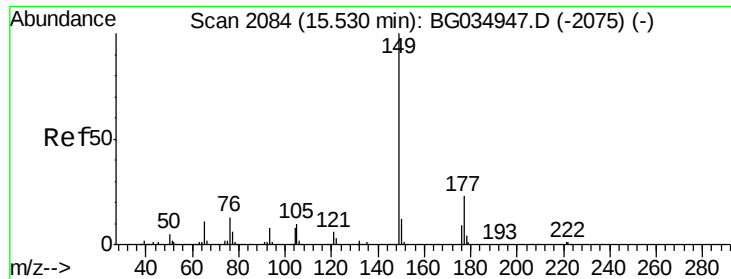
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

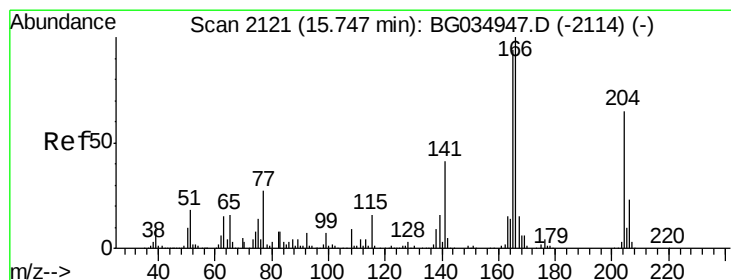
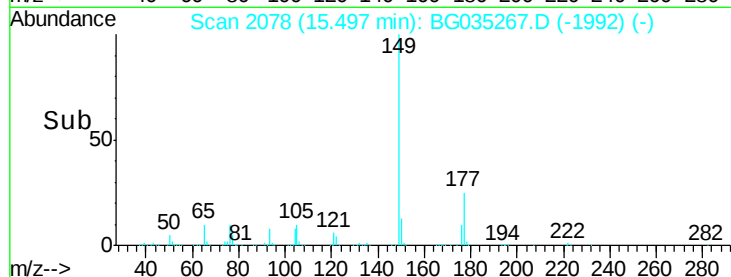
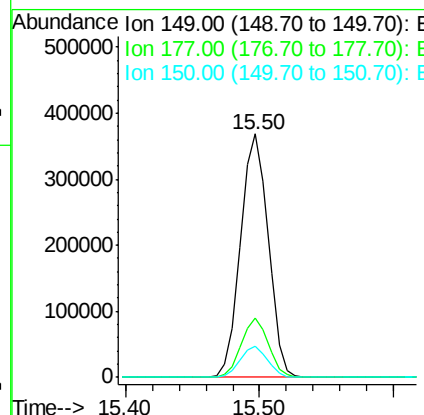
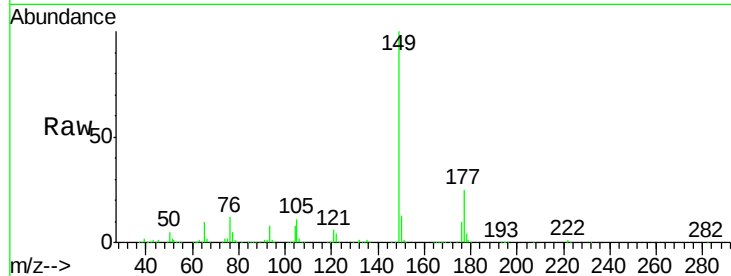




#59
Diethylphthalate
Concen: 41.877 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

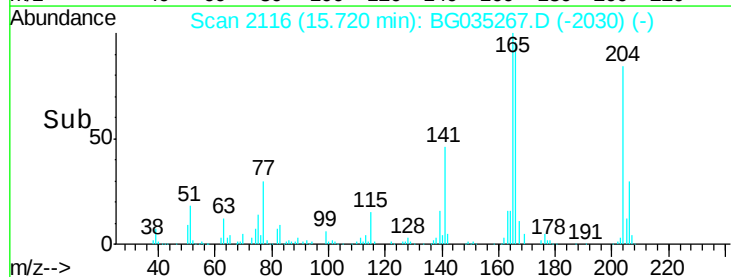
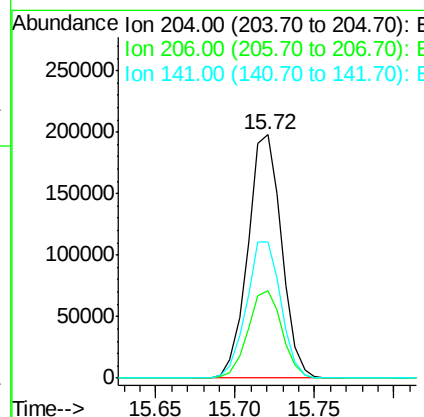
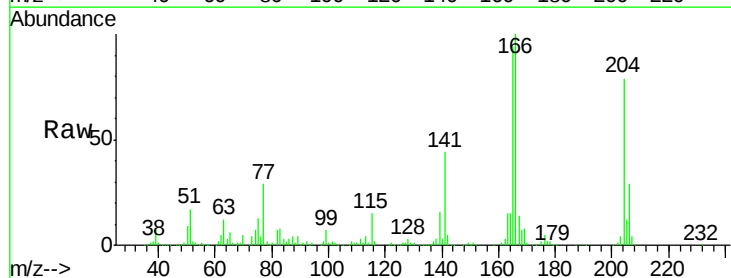
Instrument :
BNA_G
ClientSampleId :
PB110338BS

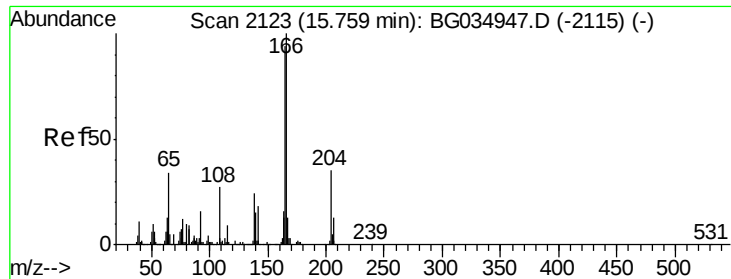
Tgt Ion:149 Resp: 529607
Ion Ratio Lower Upper
149 100
177 24.6 18.5 27.7
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.092 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Tgt Ion:204 Resp: 291189
Ion Ratio Lower Upper
204 100
206 36.1 26.2 39.2
141 55.7 45.8 68.6

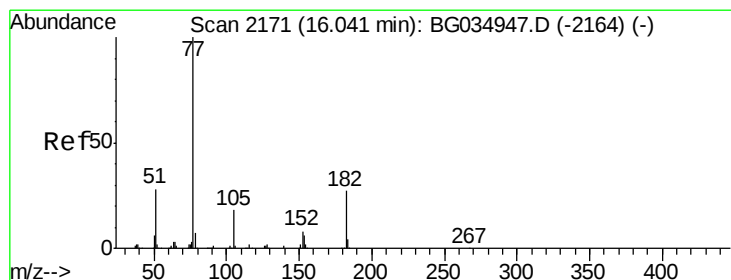
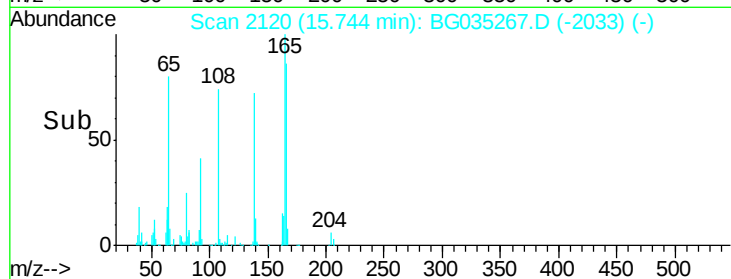
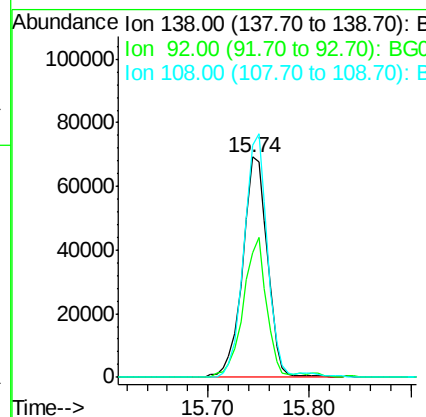
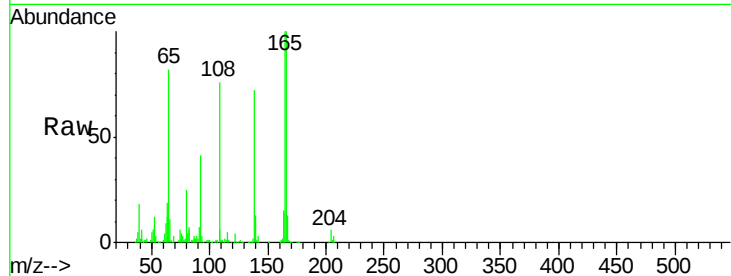




#61
4-Nitroaniline
Concen: 49.673 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

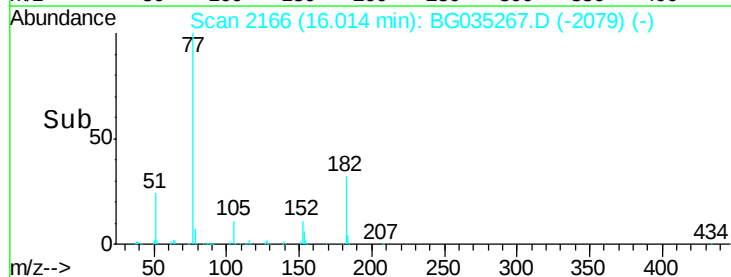
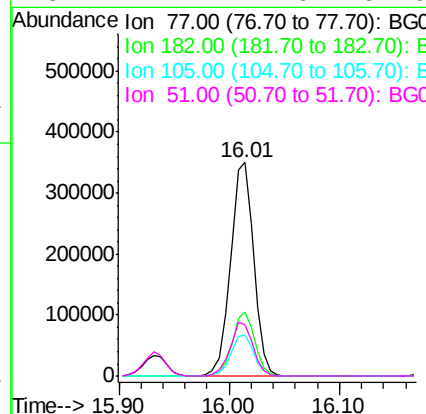
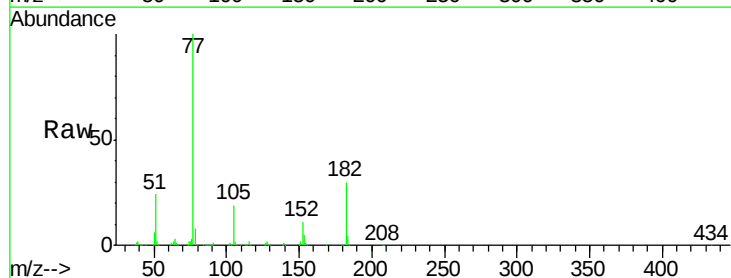
Instrument :
BNA_G
ClientSampleId :
PB110338BS

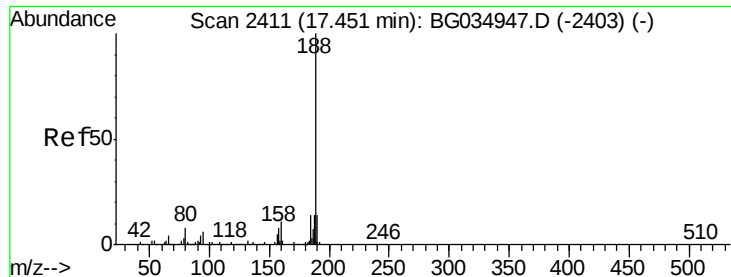
Tgt Ion: 138 Resp: 118209
Ion Ratio Lower Upper
138 100
92 56.4 40.1 80.1
108 105.4 65.4 105.4



#62
Azobenzene
Concen: 41.384 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Tgt Ion: 77 Resp: 512869
Ion Ratio Lower Upper
77 100
182 30.3 7.4 47.4
105 19.0 0.3 40.3
51 24.2 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: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

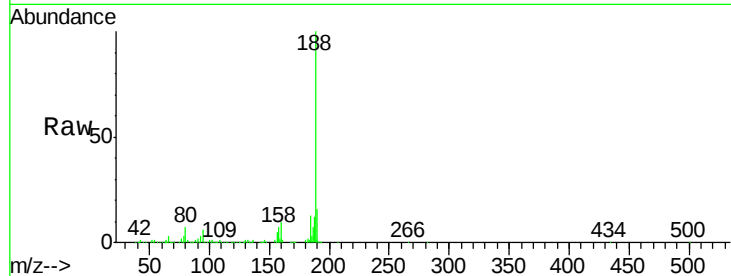
Tgt Ion:188 Resp: 376754

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

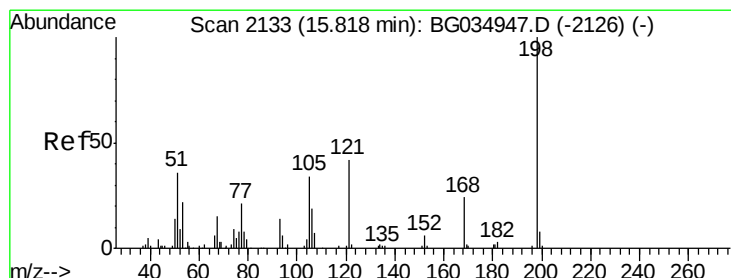
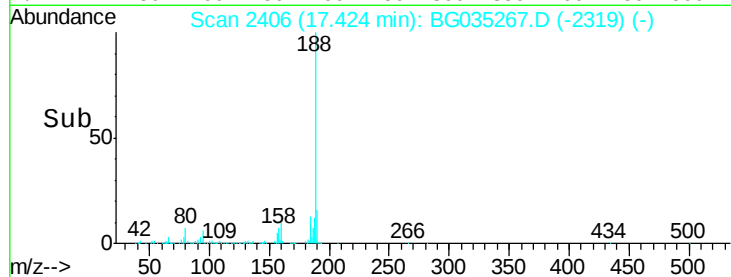
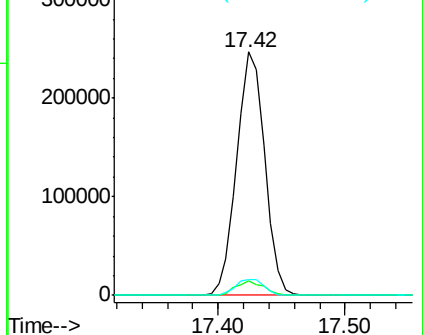
80 6.7 7.7 11.5#



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: 60.940 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

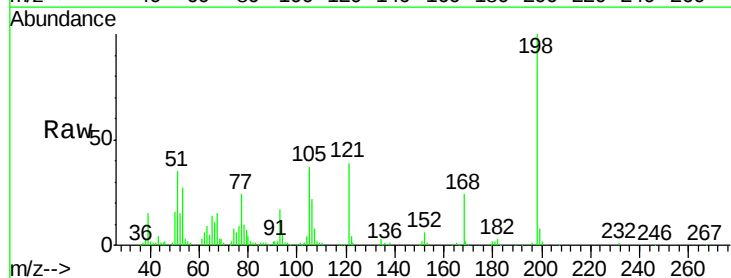
Tgt Ion:198 Resp: 104826

Ion Ratio Lower Upper

198 100

51 35.5 30.6 70.6

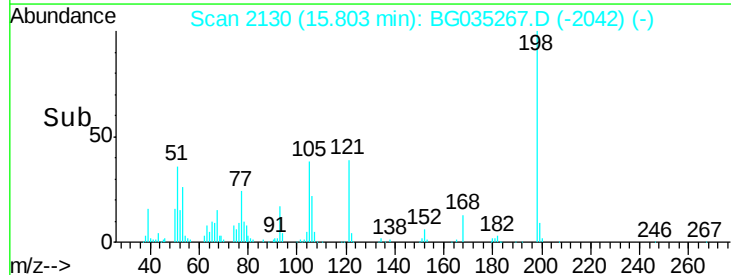
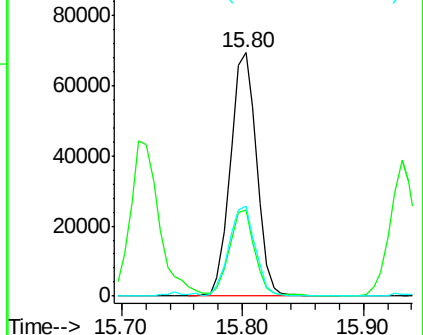
105 36.9 23.8 63.8

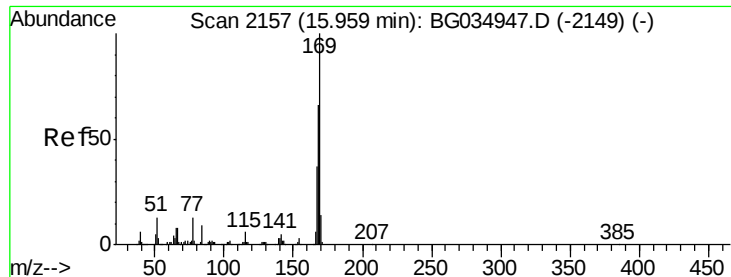


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.860 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

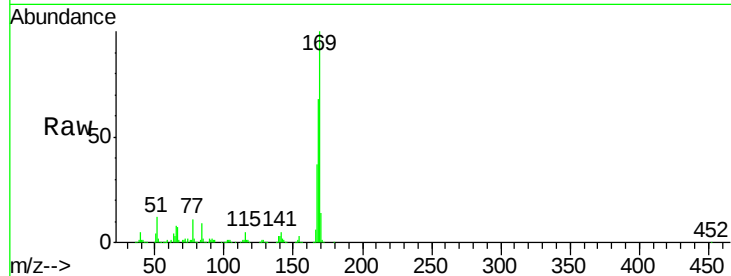
Tgt Ion:169 Resp: 462298

Ion Ratio Lower Upper

169 100

168 67.5 55.7 83.5

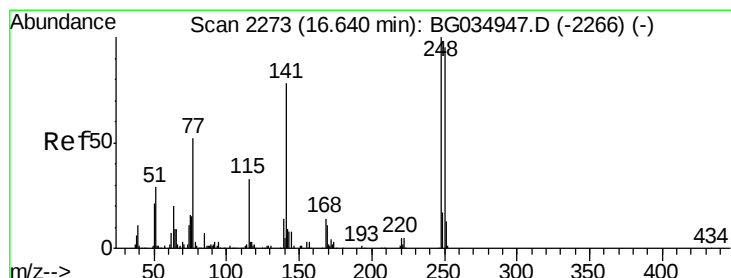
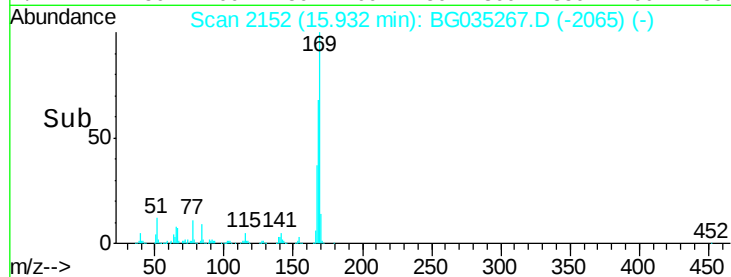
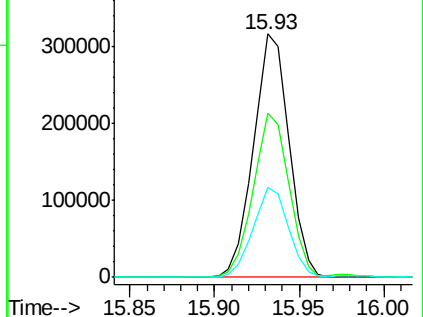
167 37.2 30.1 45.1



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: 45.495 ng

RT: 16.61 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

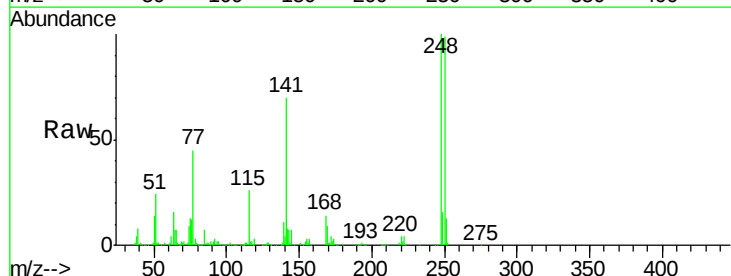
Tgt Ion:248 Resp: 206414

Ion Ratio Lower Upper

248 100

250 99.3 77.1 115.7

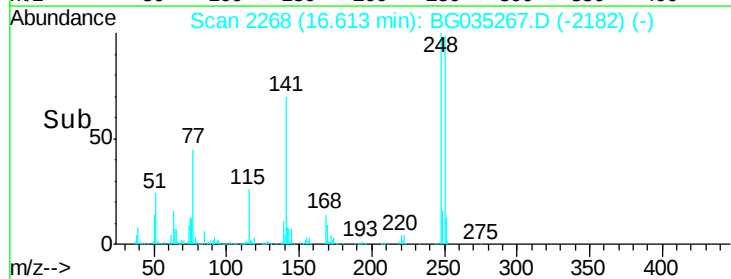
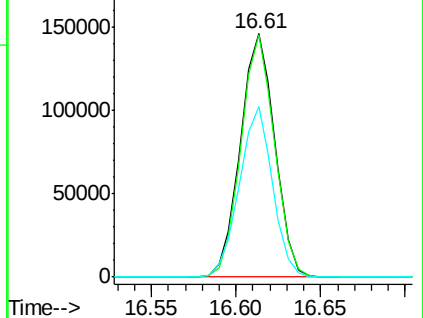
141 70.0 50.8 76.2

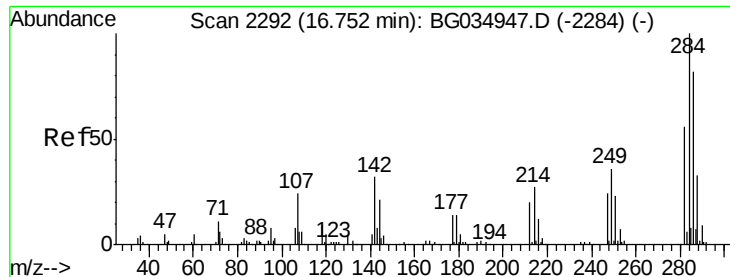


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.287 ng

RT: 16.73 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

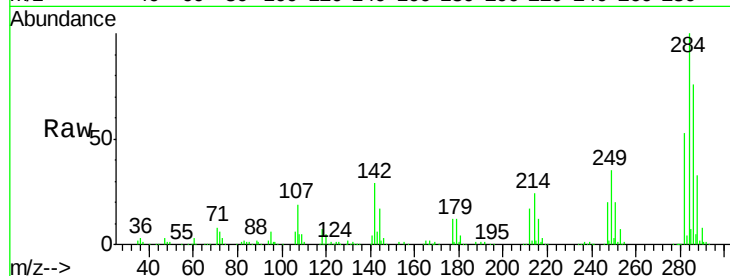
Tgt Ion:284 Resp: 209133

Ion Ratio Lower Upper

284 100

142 28.6 26.8 40.2

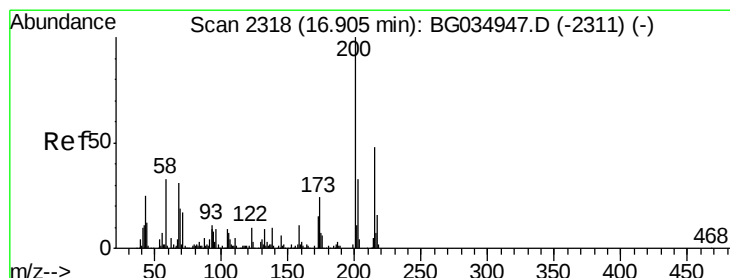
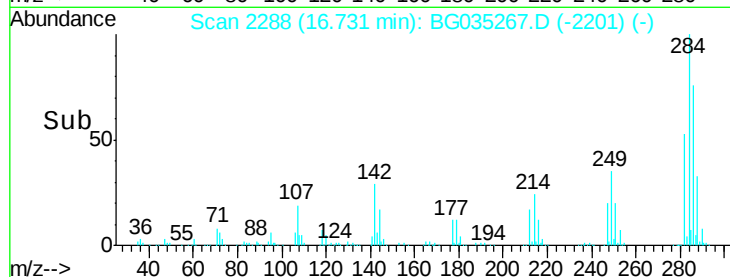
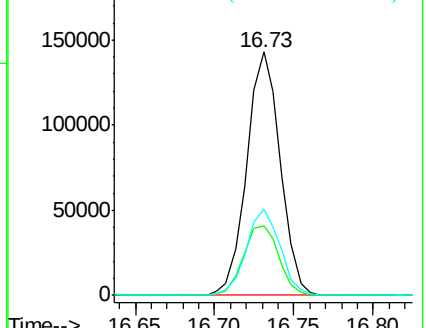
249 35.5 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.107 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

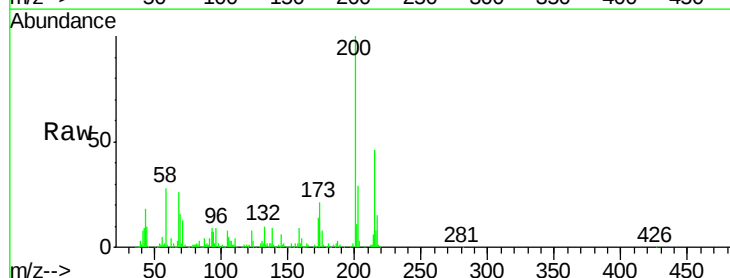
Tgt Ion:200 Resp: 198340

Ion Ratio Lower Upper

200 100

173 20.6 5.2 45.2

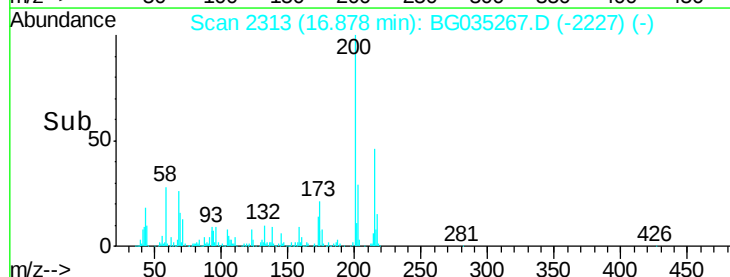
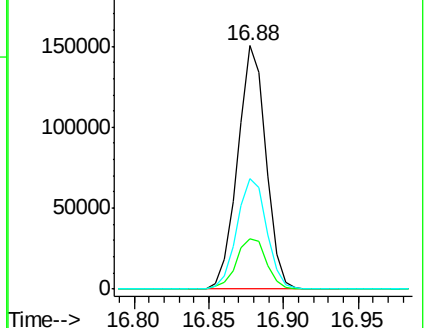
215 45.6 30.4 70.4

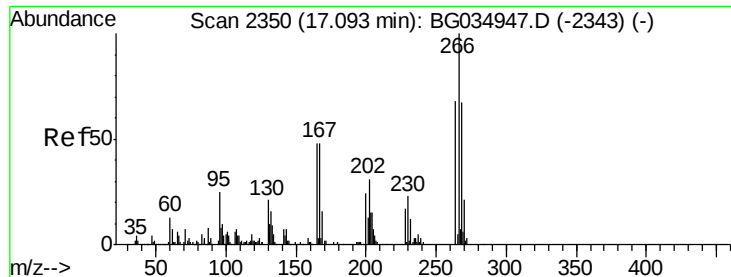


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

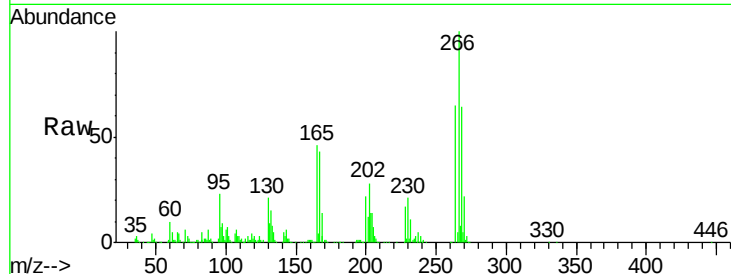




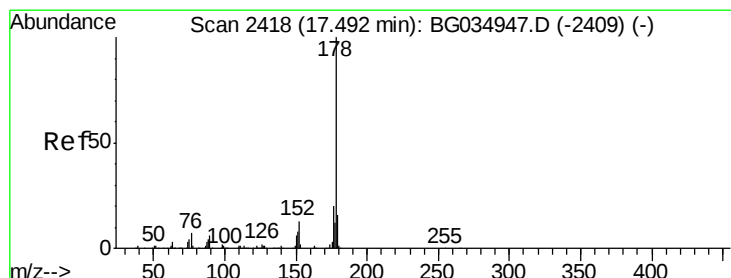
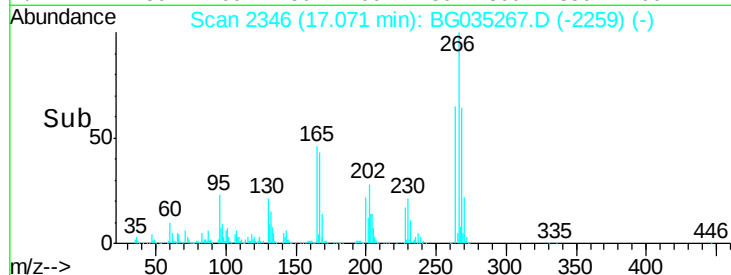
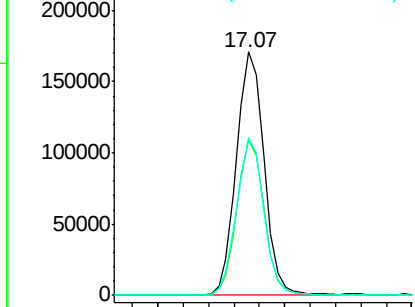
#69
 Pentachlorophenol
 Concen: 83.520 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB110338BS

Tgt Ion:266 Resp: 259349
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 64.7 49.6 74.4

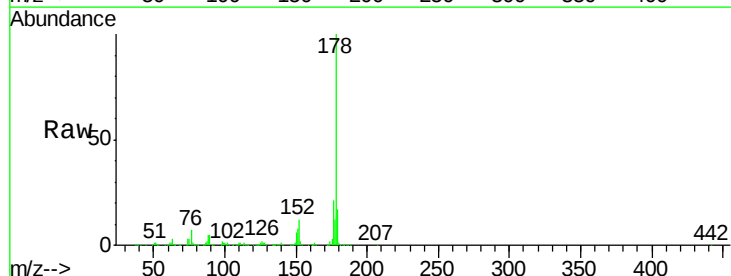


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

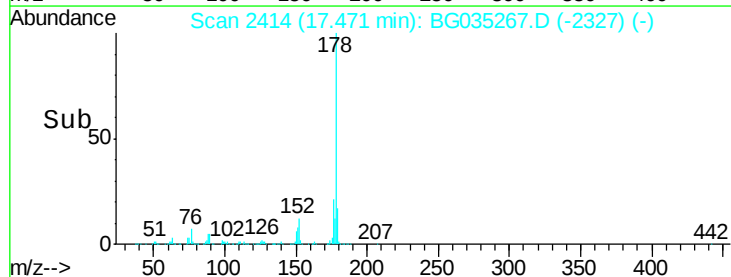
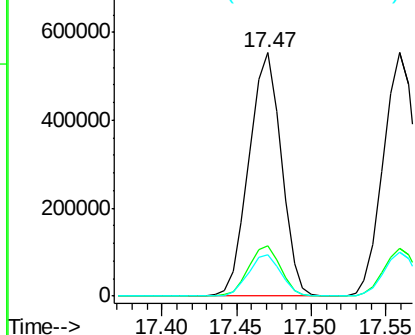


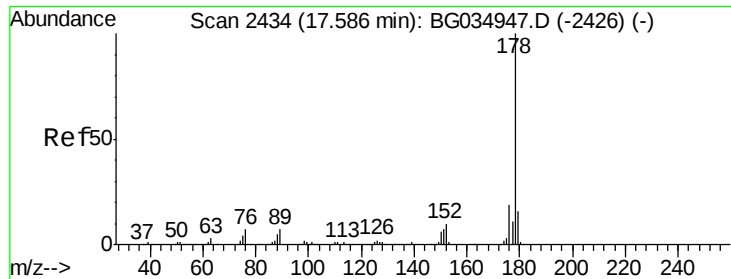
#70
 Phenanthrene
 Concen: 43.325 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Tgt Ion:178 Resp: 829159
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.7 23.5
 179 17.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

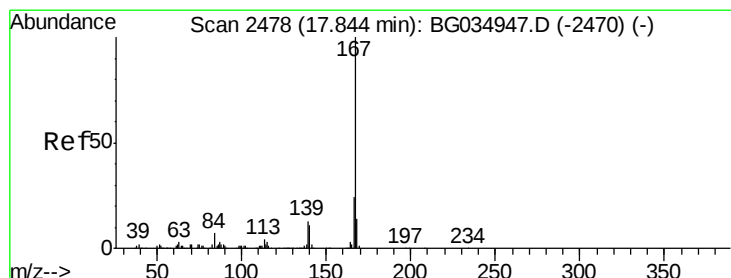
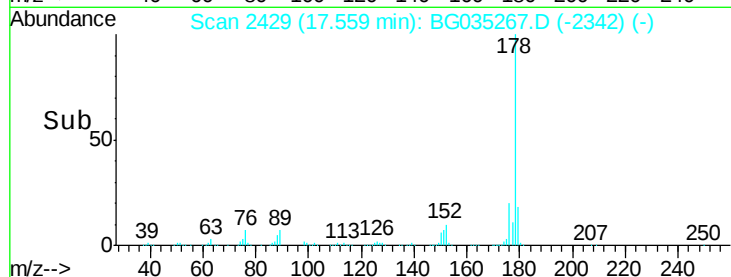
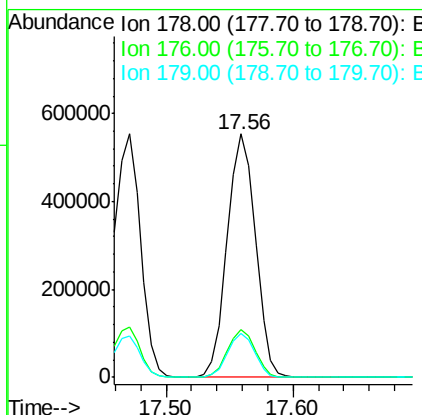
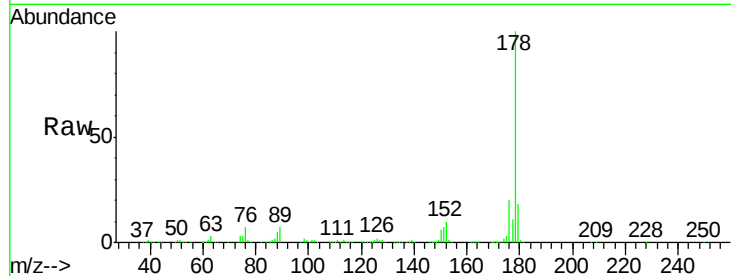




#71
 Anthracene
 Concen: 44.494 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

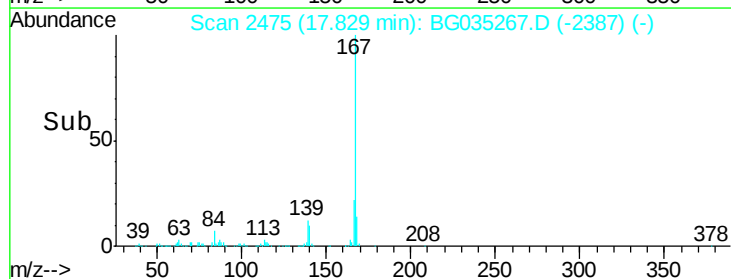
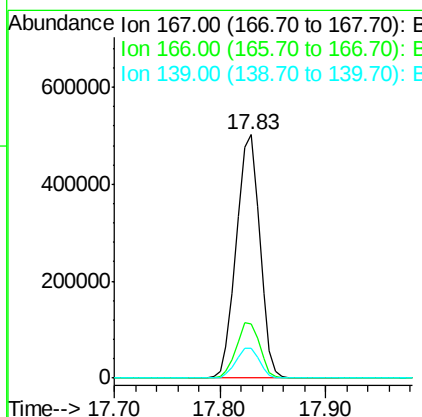
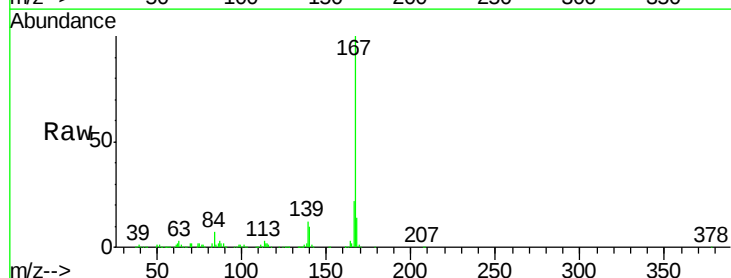
Instrument :
 BNA_G
 ClientSampleId :
 PB110338BS

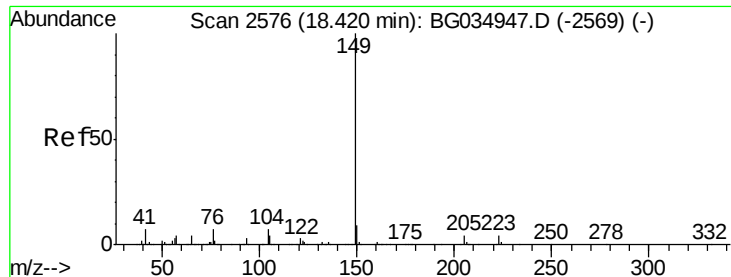
Tgt Ion:178 Resp: 852977
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 17.8 12.5 18.7



#72
 Carbazole
 Concen: 43.327 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Tgt Ion:167 Resp: 770658
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.4
 139 12.5 9.4 14.2

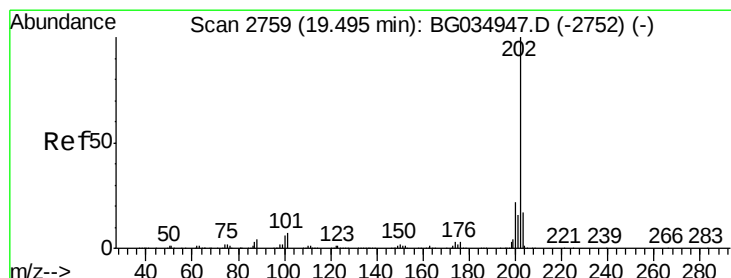
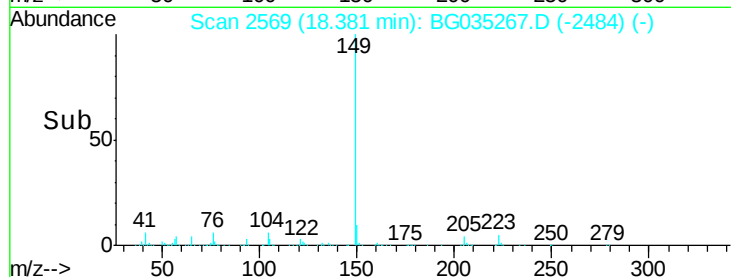
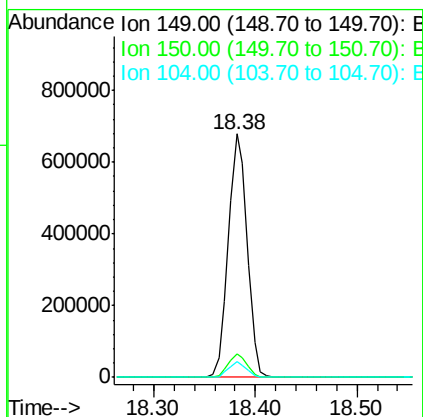
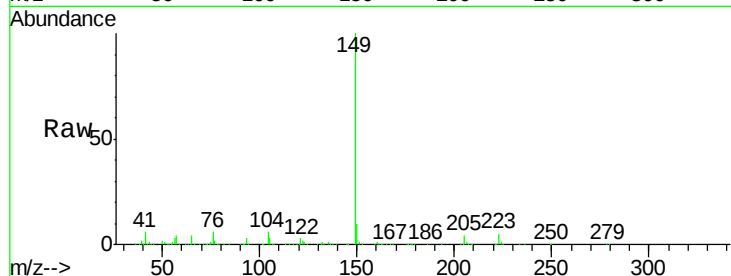




#73
Di-n-butylphthalate
Concen: 41.309 ng
RT: 18.38 min Scan# 2569
Delta R.T. -0.03 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

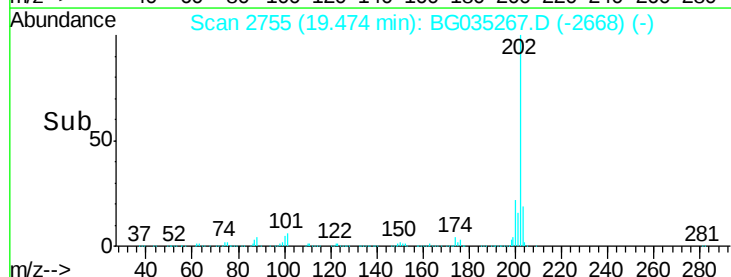
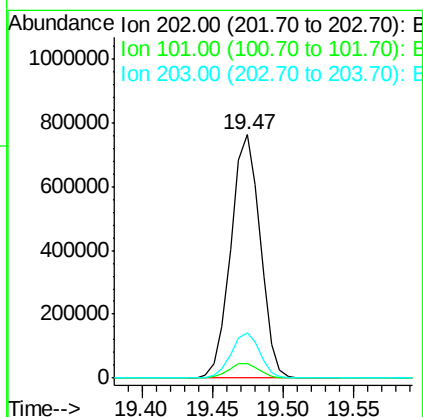
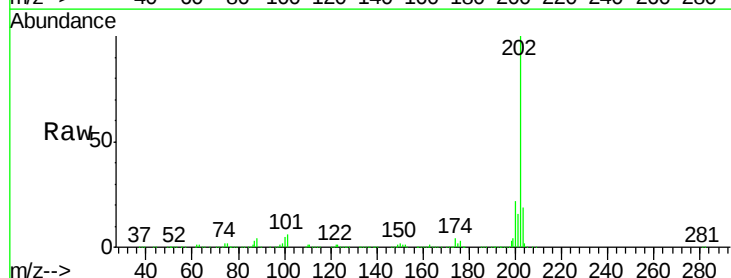
Instrument :
BNA_G
ClientSampleId :
PB110338BS

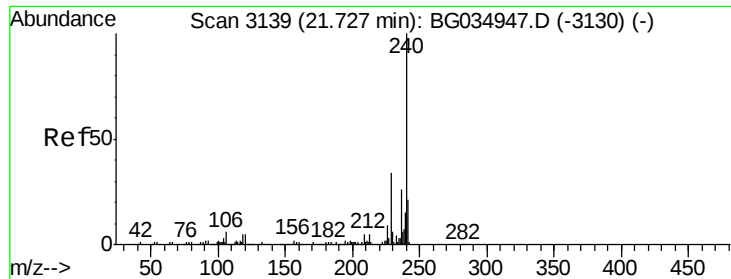
Tgt Ion:149 Resp: 875774
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 6.5 3.9 5.9#



#74
Fluoranthene
Concen: 44.323 ng
RT: 19.47 min Scan# 2755
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Tgt Ion:202 Resp: 1103810
Ion Ratio Lower Upper
202 100
101 6.2 0.0 28.9
203 18.7 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

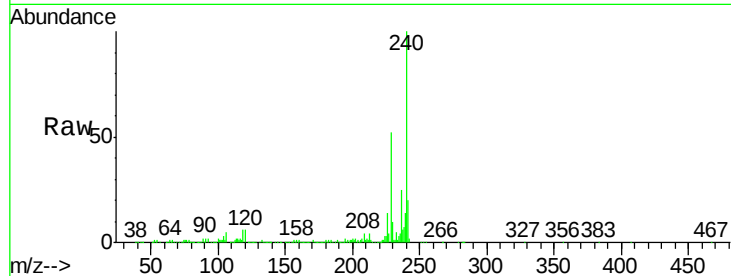
Tgt Ion:240 Resp: 412647

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

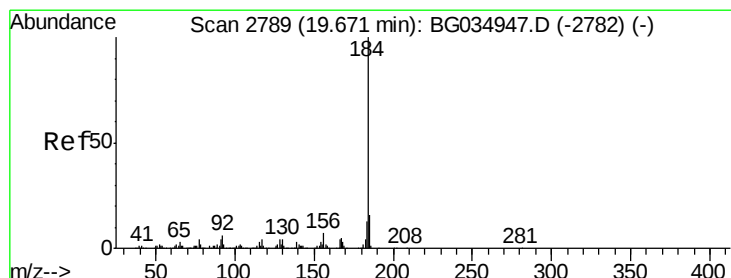
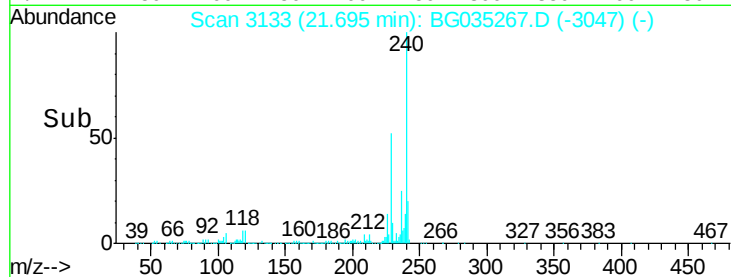
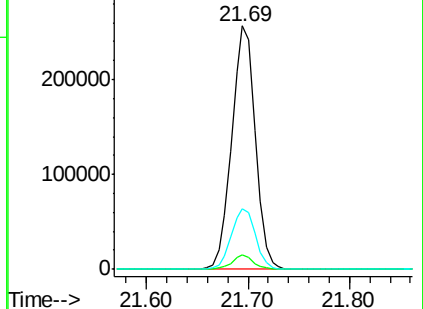
236 24.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.442 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

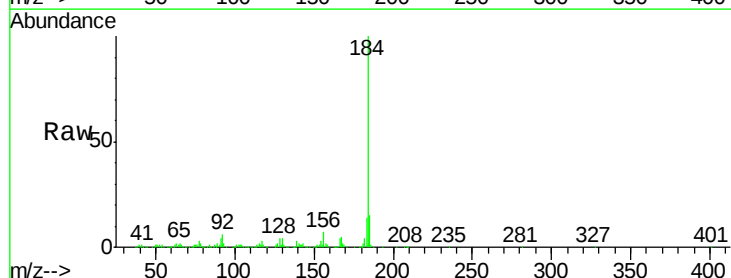
Tgt Ion:184 Resp: 498056

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

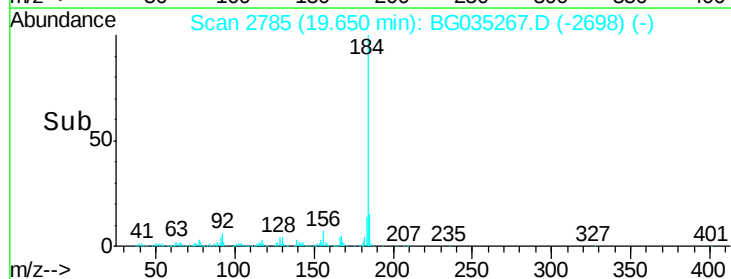
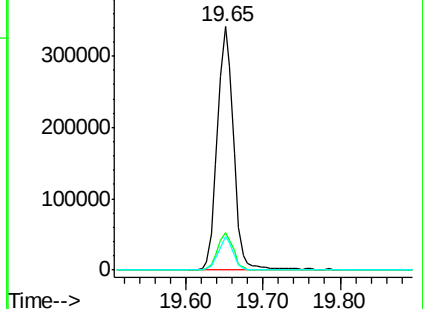
183 13.8 10.6 16.0

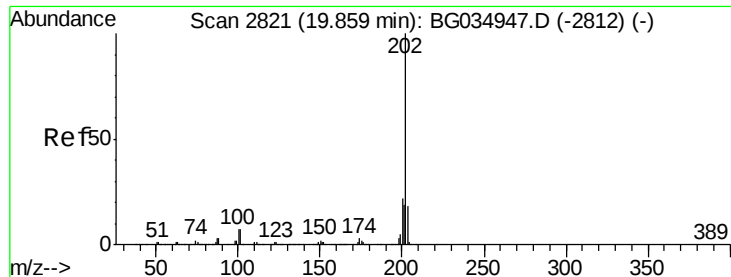


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

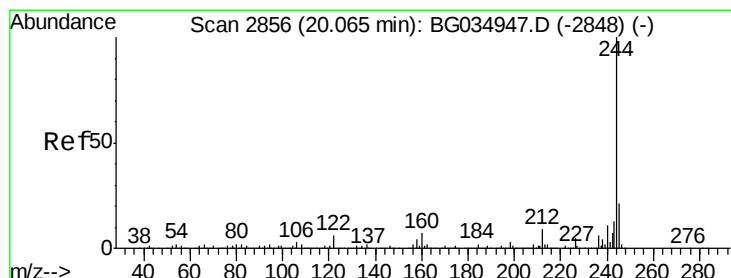
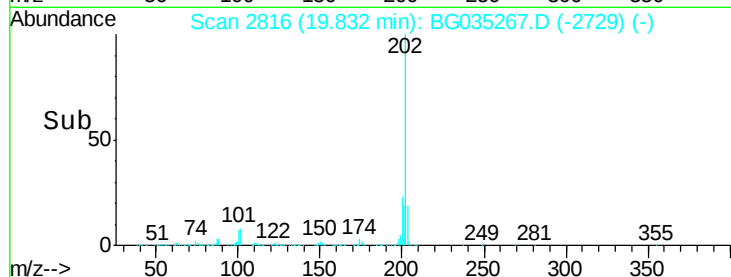
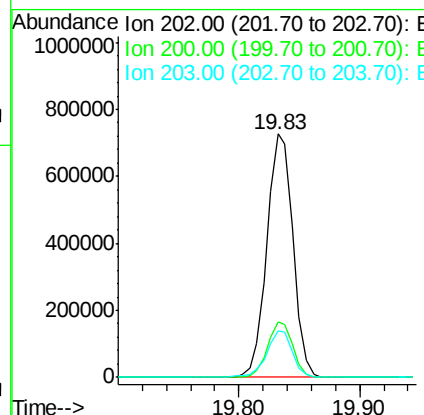
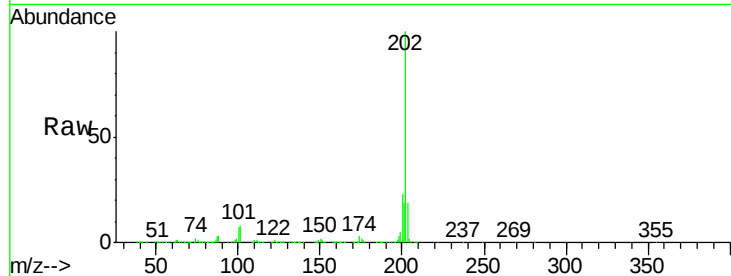




#77
 Pyrene
 Concen: 40.297 ng
 RT: 19.83 min Scan# 2816
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

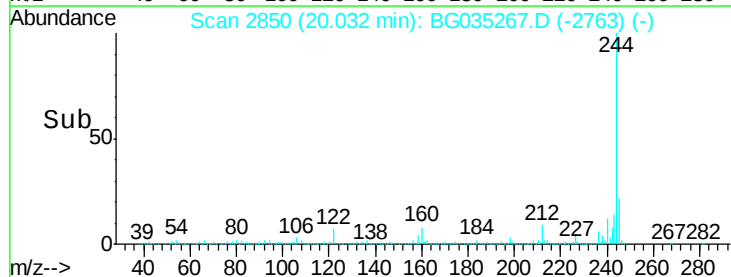
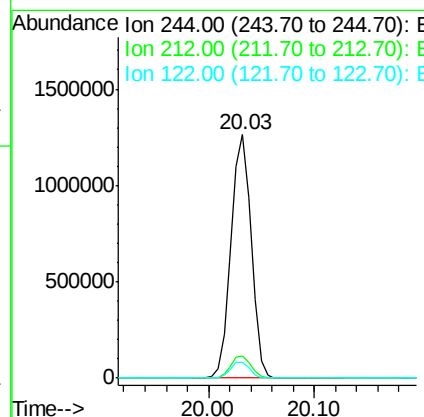
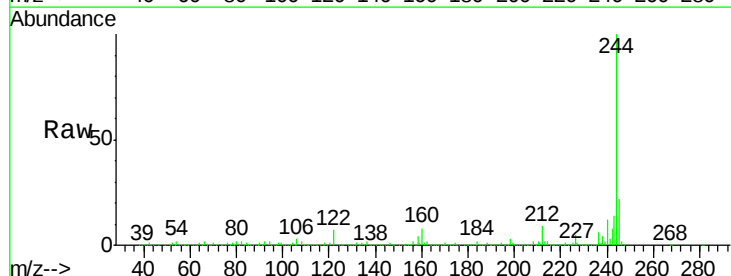
Instrument :
 BNA_G
 ClientSampleId :
 PB110338BS

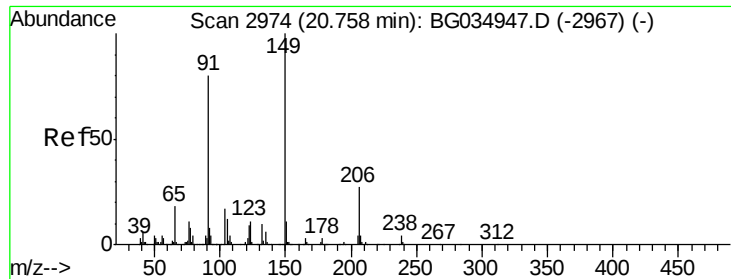
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.9	25.3
203	19.2	13.9	20.9



#78
 Terphenyl-d14
 Concen: 84.523 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	6.6	7.0	10.4#

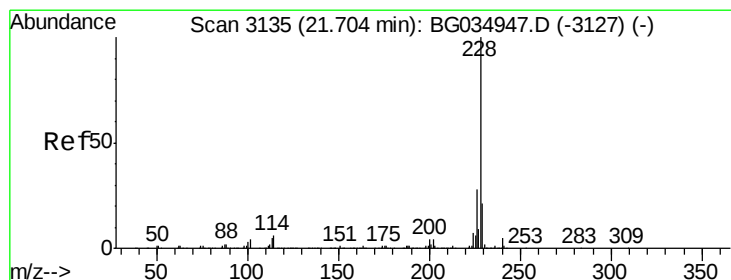
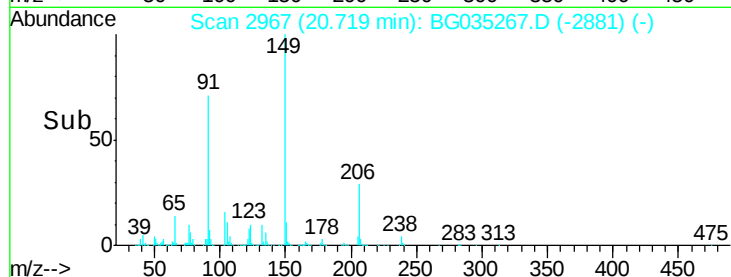
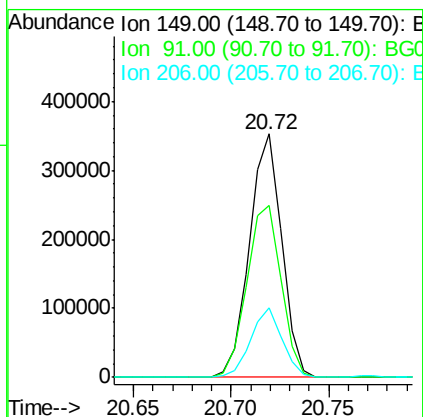
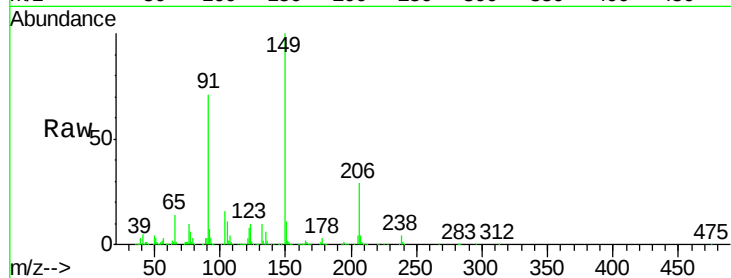




#79
Butylbenzylphthalate
Concen: 41.036 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

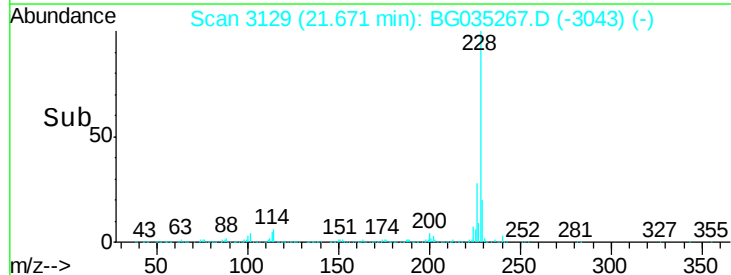
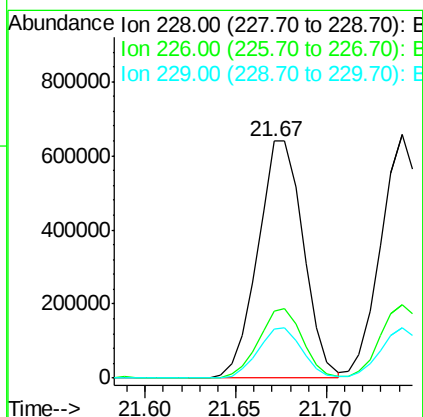
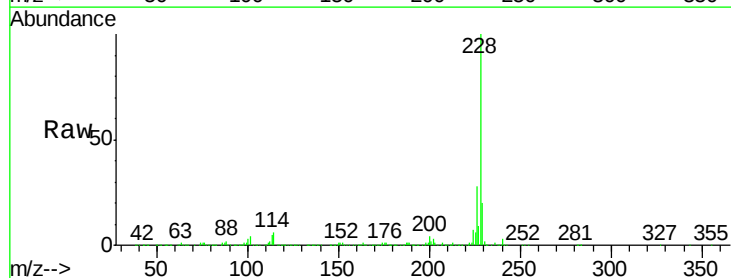
Instrument :
BNA_G
ClientSampleId :
PB110338BS

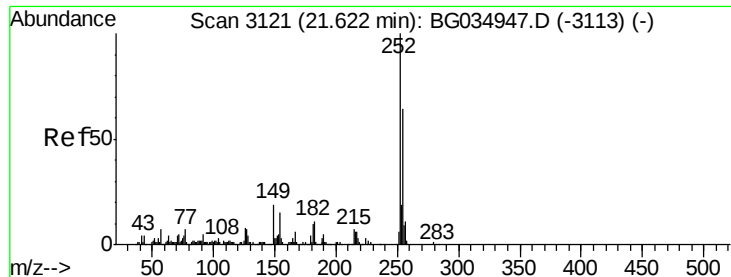
Tgt Ion:149 Resp: 405358
Ion Ratio Lower Upper
149 100
91 70.8 62.2 93.2
206 28.7 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 42.348 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Tgt Ion:228 Resp: 1116684
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.5 16.2 24.2

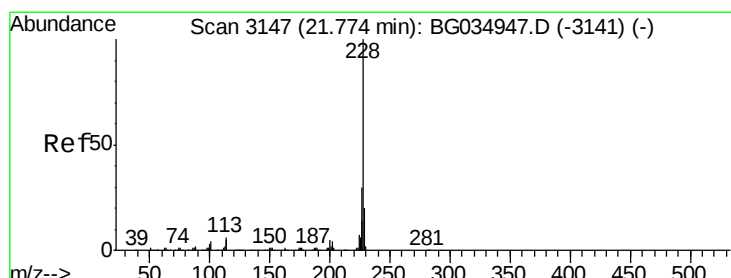
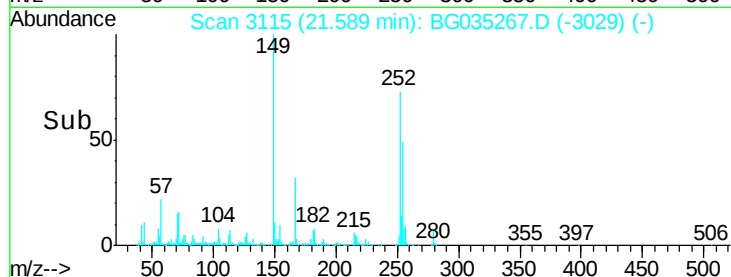
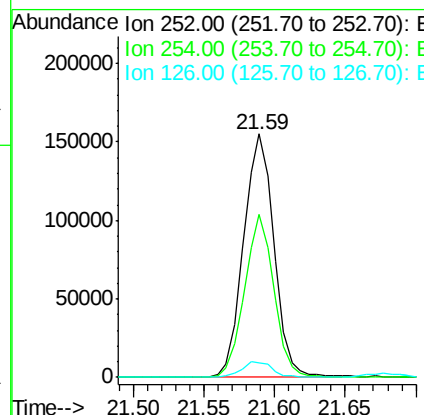
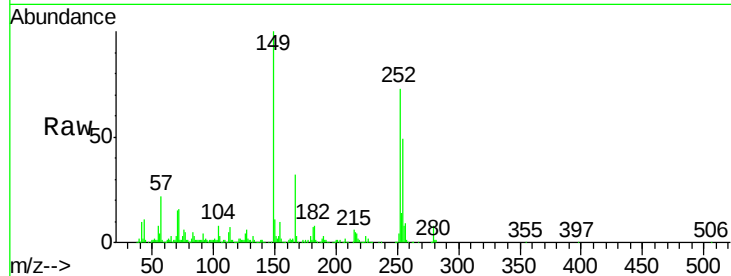




#81
 3,3'-Dichlorobenzidine
 Concen: 23.569 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

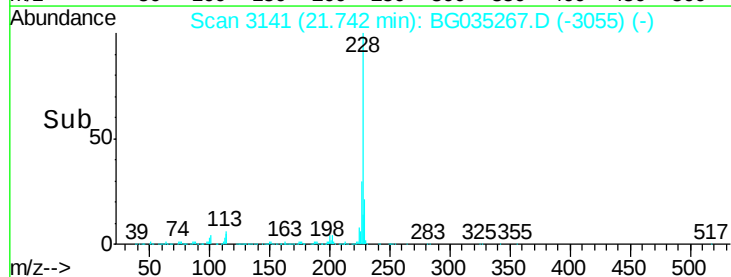
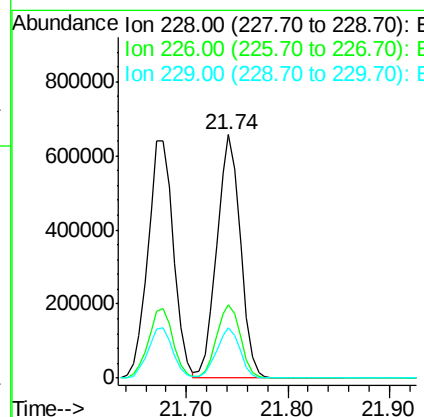
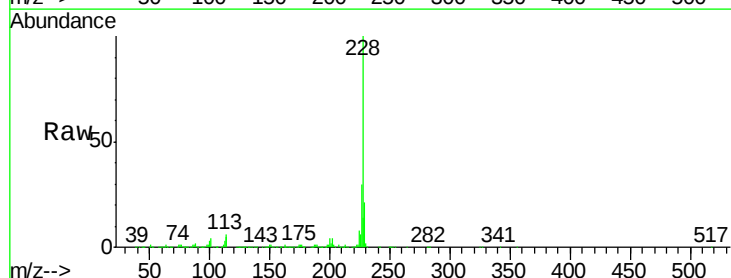
Instrument :
 BNA_G
 ClientSampleId :
 PB110338BS

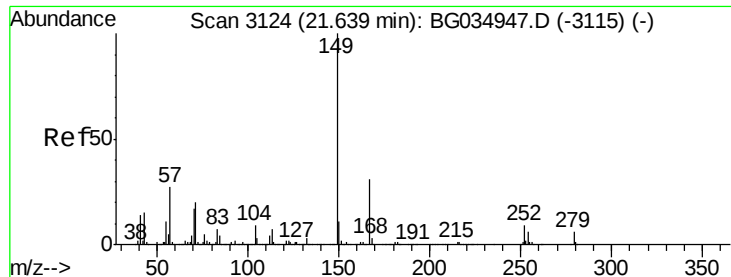
Tgt Ion:252 Resp: 233819
 Ion Ratio Lower Upper
 252 100
 254 66.9 50.8 76.2
 126 6.0 7.4 11.2#



#82
 Chrysene
 Concen: 43.719 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.02 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Tgt Ion:228 Resp: 1055526
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 20.6 15.0 22.4

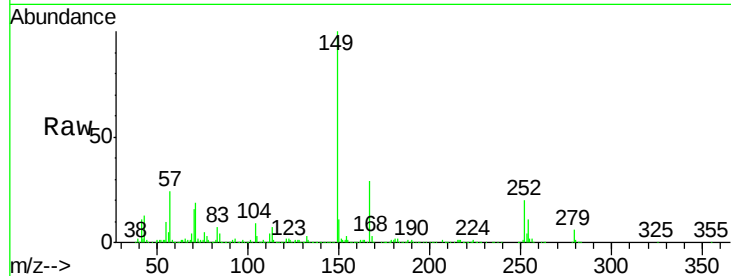




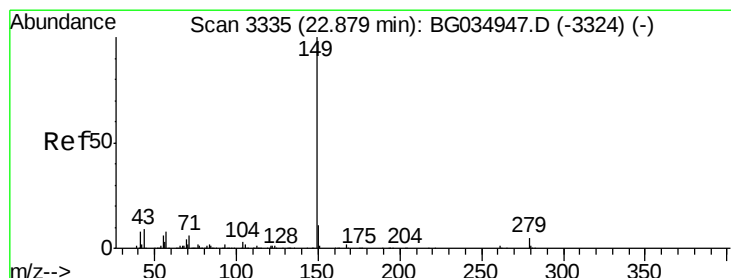
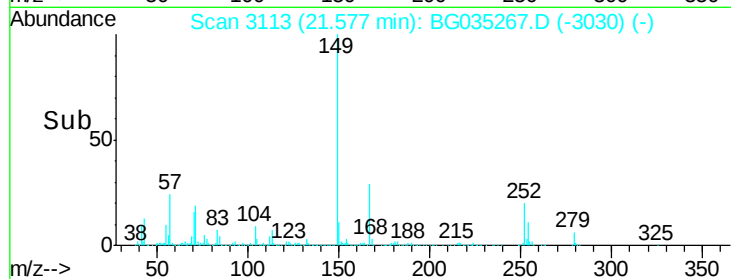
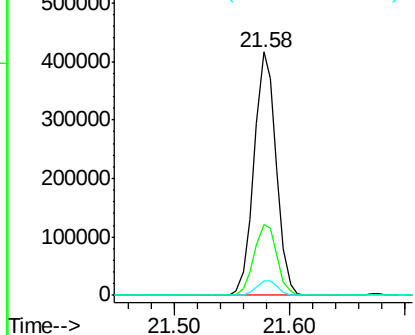
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.779 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.04 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB110338BS

Tgt Ion:149 Resp: 555220
 Ion Ratio Lower Upper
 149 100
 167 29.3 24.3 36.5
 279 6.0 4.0 6.0

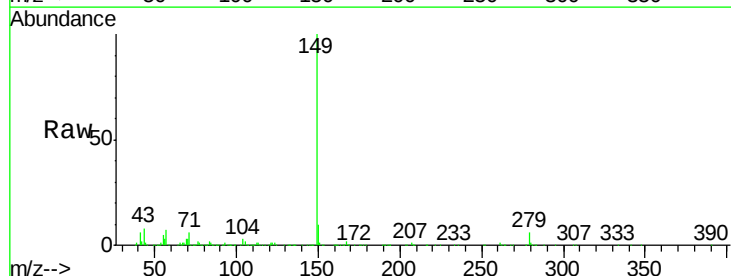


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

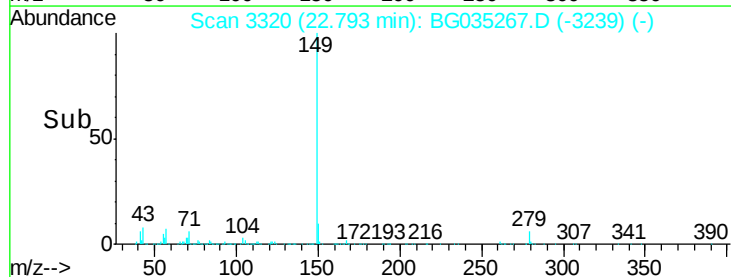
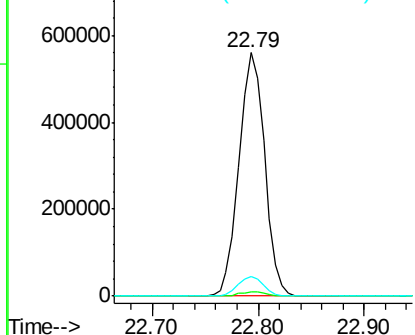


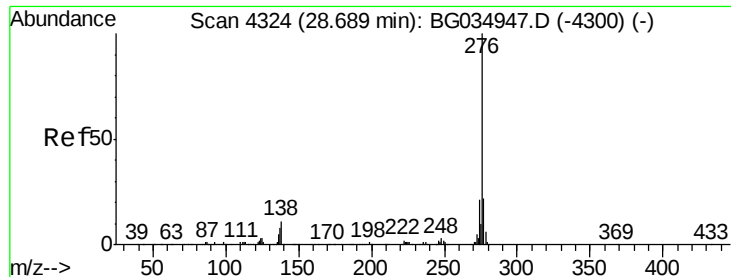
#84
 Di-n-octyl phthalate
 Concen: 39.362 ng
 RT: 22.79 min Scan# 3320
 Delta R.T. -0.05 min
 Lab File: BG035267.D
 Acq: 20 Jun 2018 15:32

Tgt Ion:149 Resp: 942567
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 8.0 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): BG

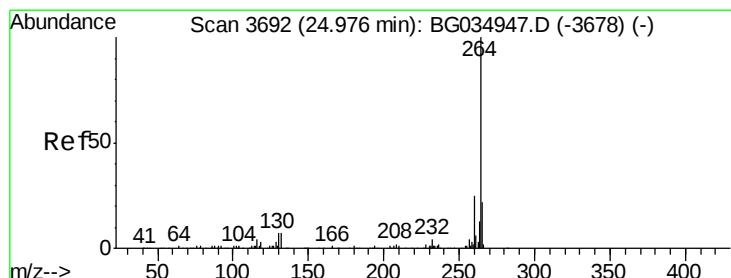
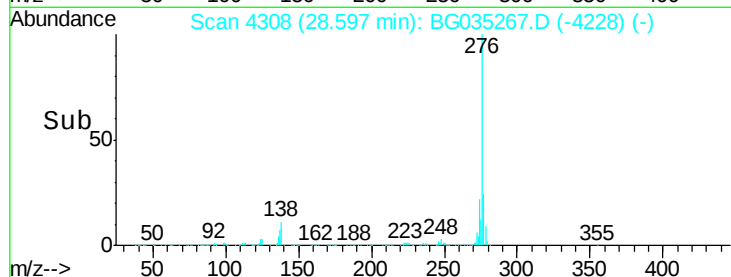
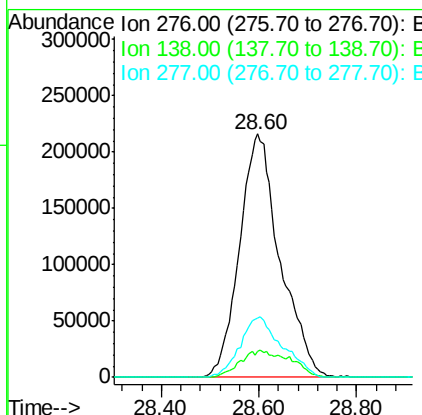
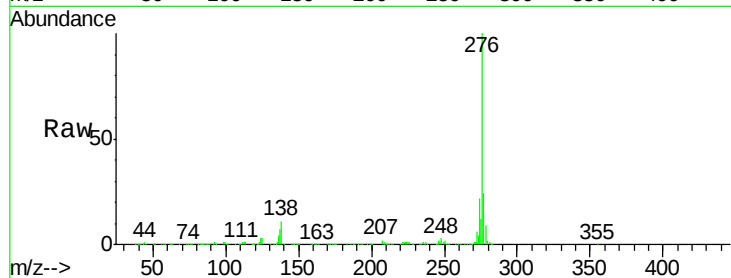




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.087 ng
RT: 28.60 min Scan# 4308
Delta R.T. -0.06 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

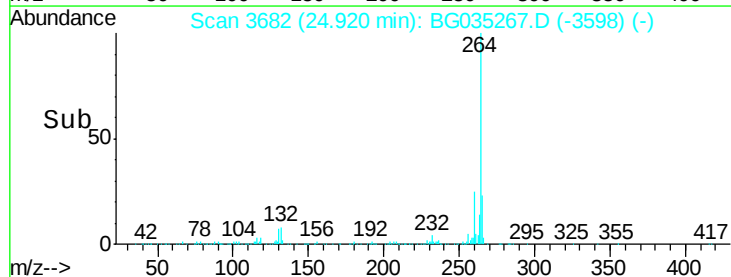
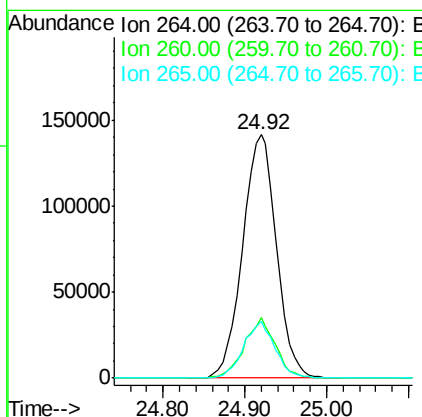
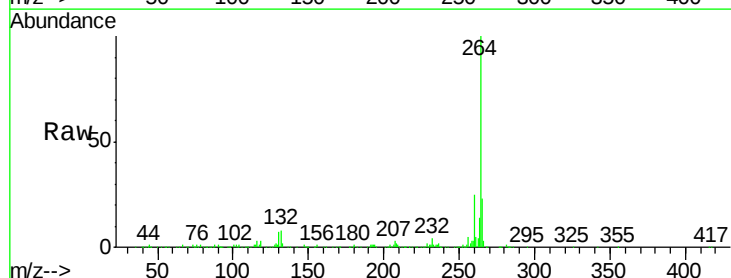
Instrument :
BNA_G
ClientSampleId :
PB110338BS

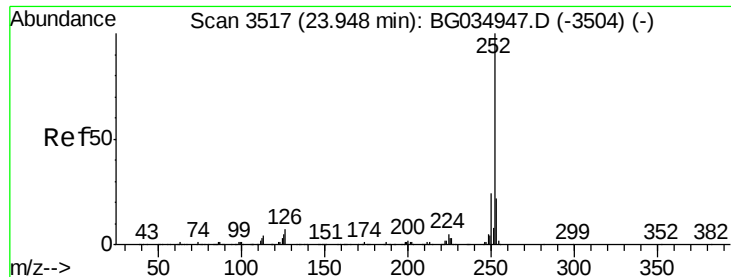
Tgt Ion:276 Resp: 1246604
Ion Ratio Lower Upper
276 100
138 4.5 16.0 24.0#
277 26.0 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.03 min
Lab File: BG035267.D
Acq: 20 Jun 2018 15:32

Tgt Ion:264 Resp: 405681
Ion Ratio Lower Upper
264 100
260 24.9 17.4 26.0
265 23.2 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 44.725 ng

RT: 23.90 min Scan# 3508

Delta R.T. -0.03 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

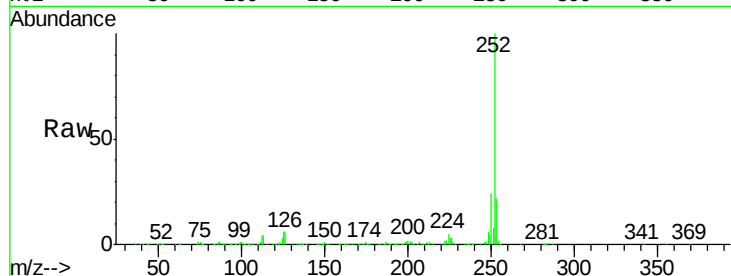
Tgt Ion:252 Resp: 1117360

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

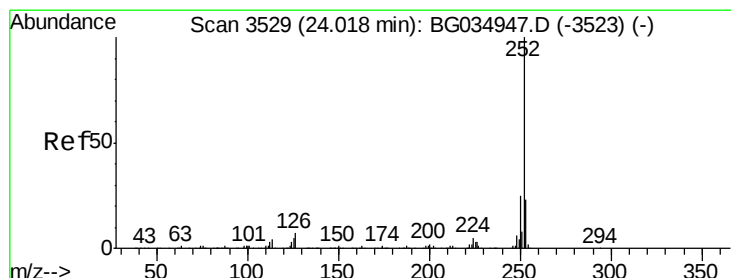
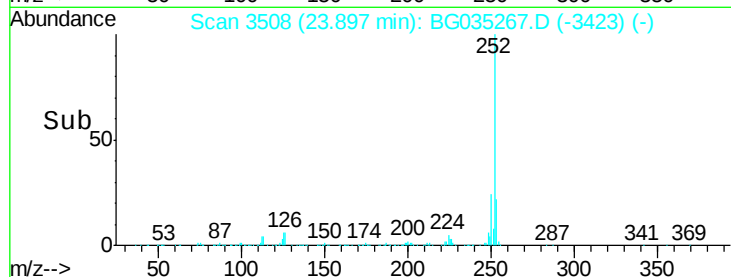
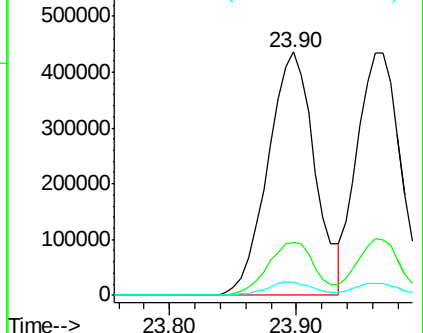
125 5.6 7.2 10.8#



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: 41.983 ng

RT: 23.97 min Scan# 3520

Delta R.T. -0.03 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

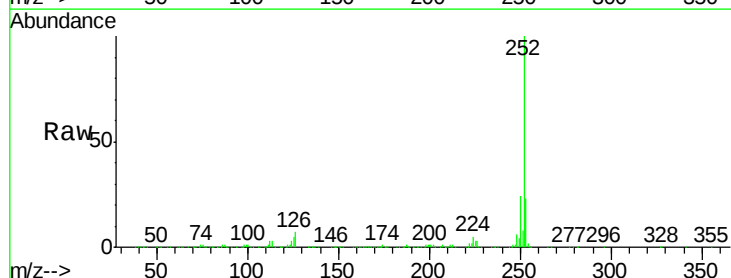
Tgt Ion:252 Resp: 1025998

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

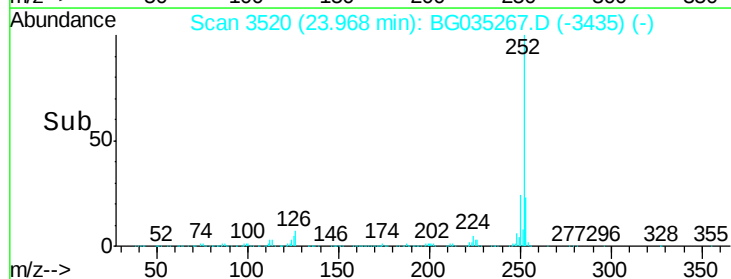
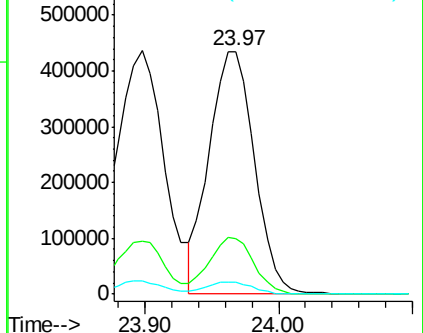
125 4.8 6.6 9.8#

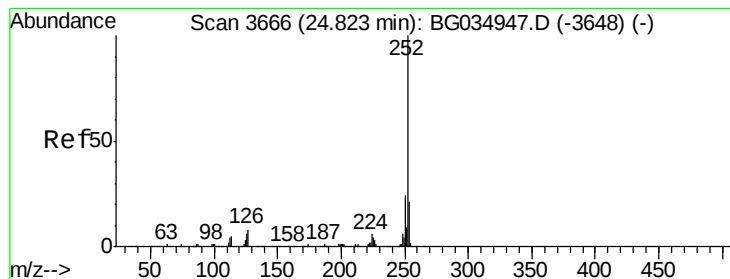


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.029 ng

RT: 24.77 min Scan# 3657

Delta R.T. -0.03 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

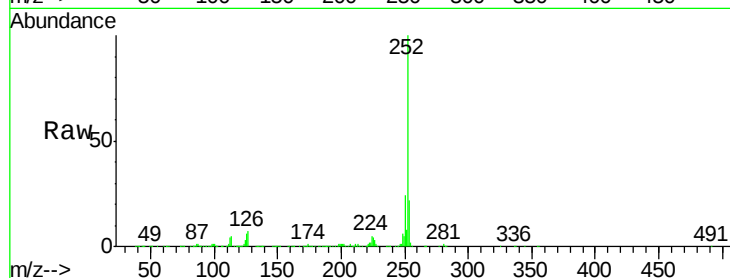
Tgt Ion:252 Resp: 1058553

Ion Ratio Lower Upper

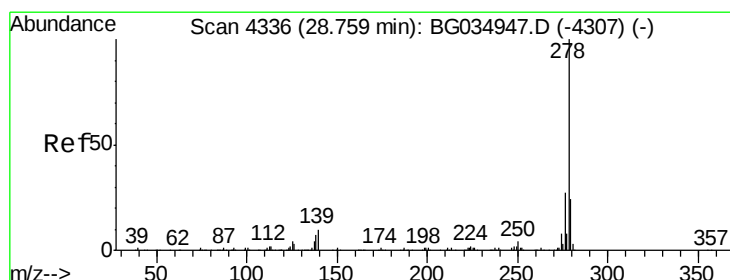
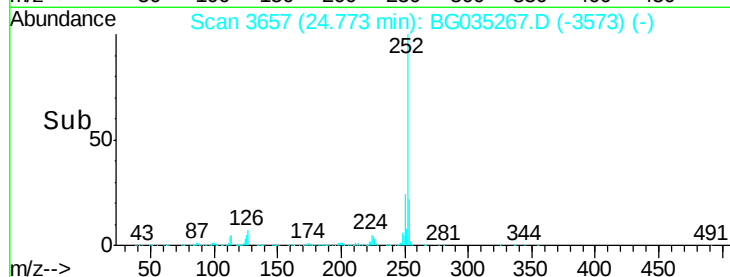
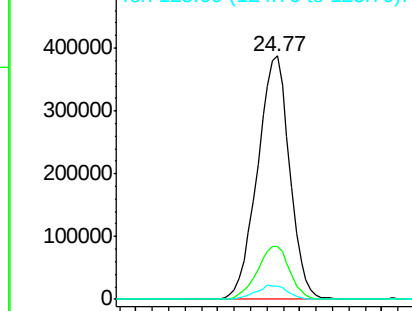
252 100

253 21.9 18.3 27.5

125 5.5 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: 44.031 ng

RT: 28.66 min Scan# 4319

Delta R.T. -0.06 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

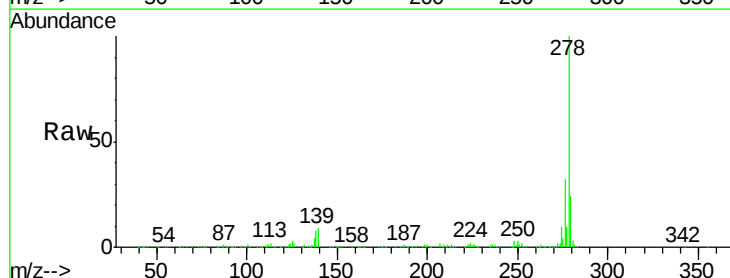
Tgt Ion:278 Resp: 1021804

Ion Ratio Lower Upper

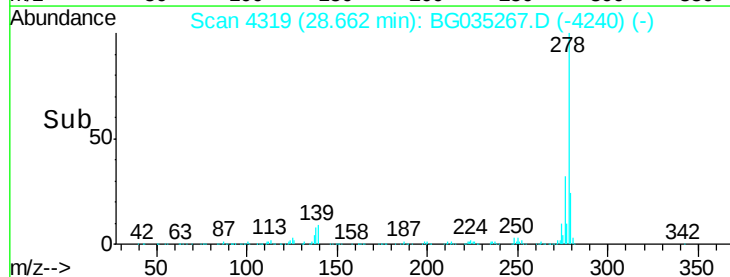
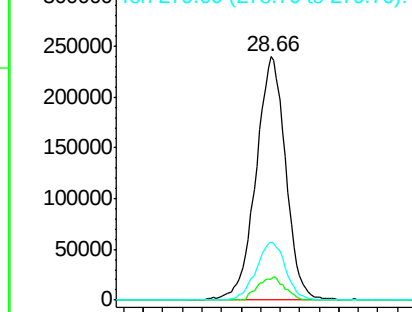
278 100

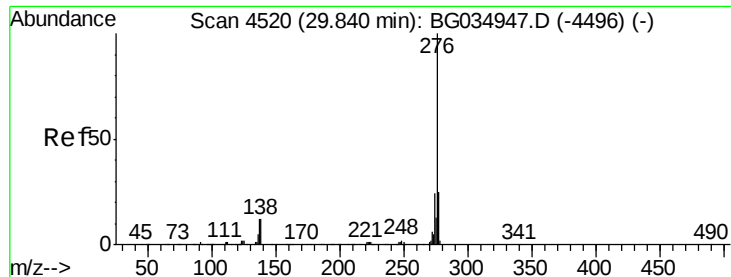
139 8.7 9.8 14.6#

279 24.0 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.565 ng

RT: 29.75 min Scan# 4505

Delta R.T. -0.05 min

Lab File: BG035267.D

Acq: 20 Jun 2018 15:32

Instrument :

BNA_G

ClientSampleId :

PB110338BS

Tgt Ion:276 Resp: 1034811

Ion Ratio Lower Upper

276 100

277 24.4 18.3 27.5

138 10.1 13.9 20.9#

