

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035152.D
 Acq On : 15 Jun 2018 00:21
 Operator : SJ/JU
 Sample : PB110221BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110221BSD

Quant Time: Jun 15 02:06:38 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	45285	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	180408	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	134477	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	375757	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	393714	20.00	ng	-0.01
86) Perylene-d12	24.93	264	383127	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	363147	135.33	ng	0.00
7) Phenol-d6	7.22	99	551657	139.29	ng	0.00
23) Nitrobenzene-d5	9.23	82	353622	93.17	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	273319	158.77	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	838475	81.06	ng	-0.02
78) Terphenyl-d14	20.04	244	1538315	81.84	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	36036	28.147	ng	# 74
3) Pyridine	3.94	79	112160	32.468	ng	# 72
4) n-Nitrosodimethylamine	3.86	42	49904	33.627	ng	# 71
6) Aniline	7.39	93	143247	27.981	ng	97
8) 2-Chlorophenol	7.63	128	125597	44.653	ng	95
9) Benzaldehyde	7.20	77	86962	28.506	ng	94
10) Phenol	7.25	94	192178	46.888	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	119627	37.604	ng	89
12) 1,3-Dichlorobenzene	7.95	146	127348	37.946	ng	98
13) 1,4-Dichlorobenzene	8.10	146	132421	38.223	ng	95
14) 1,2-Dichlorobenzene	8.42	146	125946	38.703	ng	92
15) Benzyl Alcohol	8.30	79	153464	40.893	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	136760	43.192	ng	76
17) 2-Methylphenol	8.50	107	129299	47.849	ng	# 94
18) Hexachloroethane	9.15	117	47712	38.469	ng	90
19) n-Nitroso-di-n-propylamine	8.87	70	117928	35.048	ng	# 86
20) 3+4-Methylphenols	8.83	107	179912	46.450	ng	92
22) Acetophenone	8.89	105	214503	38.383	ng	# 89
24) Nitrobenzene	9.27	77	177728	45.730	ng	94
25) Isophorone	9.79	82	352702	44.016	ng	100
26) 2-Nitrophenol	9.98	139	75029	56.007	ng	# 88
27) 2,4-Dimethylphenol	10.03	122	138822	49.301	ng	92
28) bis(2-Chloroethoxy)methane	10.27	93	181930	42.249	ng	99
29) 2,4-Dichlorophenol	10.51	162	156246	50.996	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	155097	42.216	ng	100
31) Naphthalene	10.92	128	396127	42.267	ng	98
32) Benzoic acid	10.16	122	88302	46.818	ng	96
33) 4-Chloroaniline	11.03	127	79323	19.493	ng	97
34) Hexachlorobutadiene	11.21	225	114101	39.934	ng	94
35) Caprolactam	11.80	113	55127	48.685	ng	# 69
36) 4-Chloro-3-methylphenol	12.14	107	191693	50.191	ng	95
37) 2-Methylnaphthalene	12.52	142	315991	44.472	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	215754	43.074	ng	98
40) Hexachlorocyclopentadiene	12.86	237	292849	93.231	ng	96

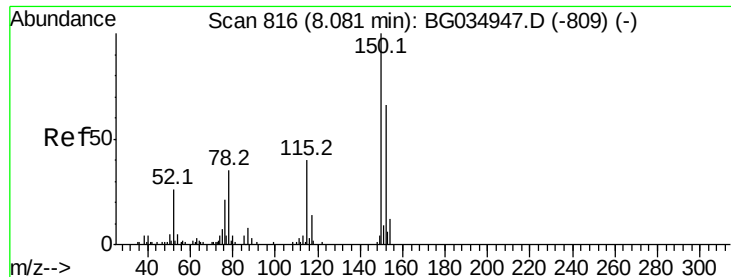
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	148936	49.657	ng	98
43) 2,4,5-Trichlorophenol	13.19	196	167095	50.758	ng	98
45) 1,1'-Biphenyl	13.52	154	438859	40.585	ng	97
46) 2-Chloronaphthalene	13.57	162	350951	42.927	ng	99
47) 2-Nitroaniline	13.77	65	123758	51.263	ng	92
48) Acenaphthylene	14.41	152	593816	43.317	ng	98
49) Dimethylphthalate	14.14	163	502971	42.891	ng	98
50) 2,6-Dinitrotoluene	14.26	165	112792	52.722	ng	95
51) Acenaphthene	14.76	154	385713	43.063	ng	97
52) 3-Nitroaniline	14.59	138	69033	32.884	ng	# 87
53) 2,4-Dinitrophenol	14.79	184	53432	61.713	ng	# 62
54) Dibenzofuran	15.08	168	594055	44.284	ng	96
55) 4-Nitrophenol	14.89	139	164182	92.668	ng	# 88
56) 2,4-Dinitrotoluene	15.04	165	168440	59.270	ng	87
57) Fluorene	15.74	166	490602	43.761	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	171129	53.511	ng	# 95
59) Diethylphthalate	15.50	149	507827	42.445	ng	98
60) 4-Chlorophenyl-phenylether	15.72	204	282032	44.117	ng	97
61) 4-Nitroaniline	15.75	138	115912	51.486	ng	85
62) Azobenzene	16.02	77	509057	43.419	ng	94
64) 4,6-Dinitro-2-methylphenol	15.81	198	65384	38.112	ng	83
65) n-Nitrosodiphenylamine	15.94	169	442251	39.191	ng	98
66) 4-Bromophenyl-phenylether	16.62	248	197960	43.748	ng	96
67) Hexachlorobenzene	16.74	284	196075	42.572	ng	95
68) Atrazine	16.88	200	207263	43.070	ng	95
69) Pentachlorophenol	17.08	266	220001	71.036	ng	98
70) Phenanthrene	17.48	178	818834	42.899	ng	98
71) Anthracene	17.56	178	828652	43.340	ng	97
72) Carbazole	17.83	167	743816	41.928	ng	98
73) Di-n-butylphthalate	18.39	149	853616	40.370	ng	# 98
74) Fluoranthene	19.48	202	1058528	42.617	ng	97
76) Benzidine	19.65	184	394580	26.938	ng	97
77) Pyrene	19.84	202	1042450	40.163	ng	96
79) Butylbenzylphthalate	20.72	149	388067	41.175	ng	97
80) Benzo(a)anthracene	21.68	228	1056623	41.997	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	228683	24.159	ng	# 96
82) Chrysene	21.75	228	983792	42.708	ng	98
83) Bis(2-ethylhexyl)phthalate	21.59	149	535723	40.227	ng	98
84) Di-n-octyl phthalate	22.81	149	904915	39.607	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.62	276	1091205	40.447	ng	# 89
87) Benzo(b)fluoranthene	23.91	252	1043614	44.233	ng	# 96
88) Benzo(k)fluoranthene	23.98	252	969536	42.008	ng	# 97
89) Benzo(a)pyrene	24.78	252	989553	44.572	ng	# 96
90) Dibenzo(a,h)anthracene	28.68	278	875324	39.939	ng	97
91) Benzo(g,h,i)perylene	29.76	276	889057	41.451	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

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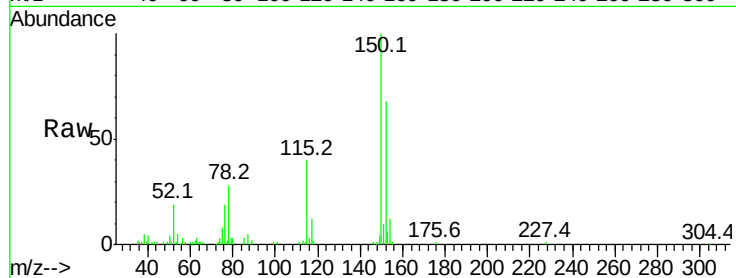
Tot Ion:152 Resp: 45285

Ion Ratio Lower Upper

152 100

150 147.0 126.6 189.8

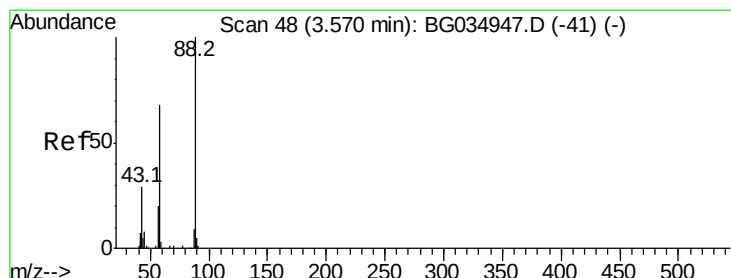
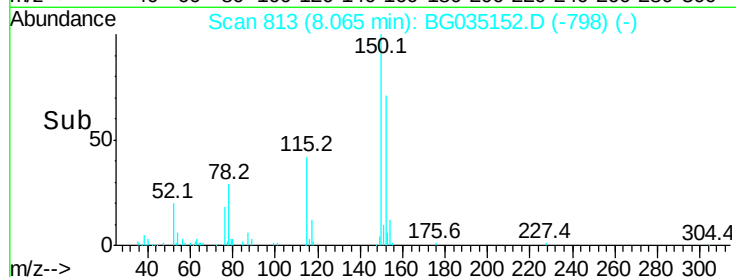
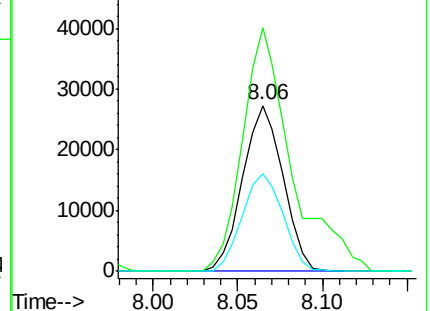
115 59.1 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.147 ng

RT: 3.55 min Scan# 45

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

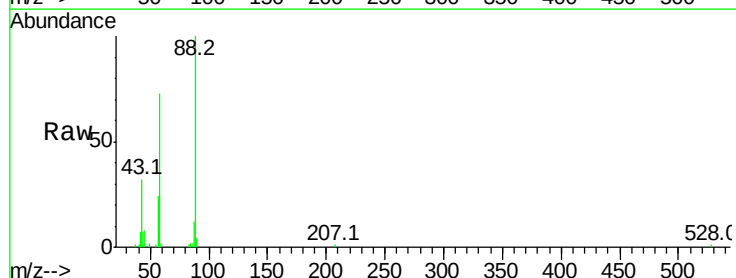
Tgt Ion: 88 Resp: 36036

Ion Ratio Lower Upper

88 100

58 69.6 79.6 119.4#

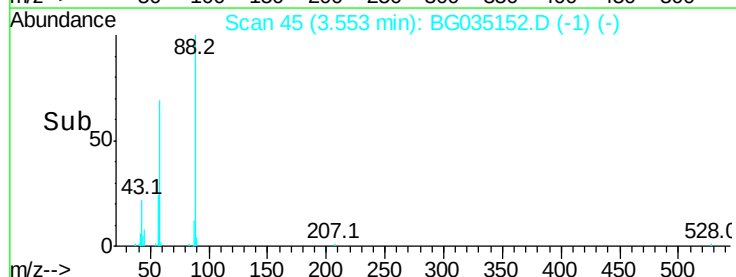
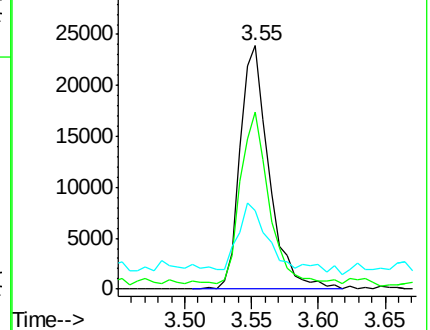
43 25.4 27.4 41.0#

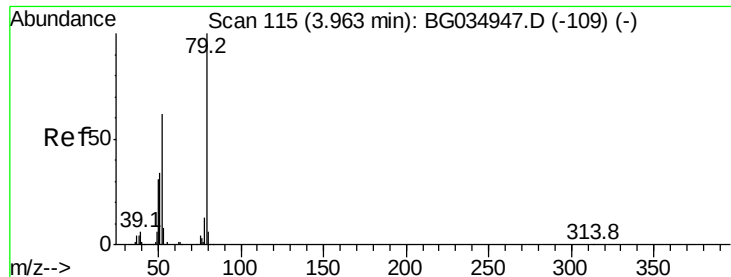


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.468 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

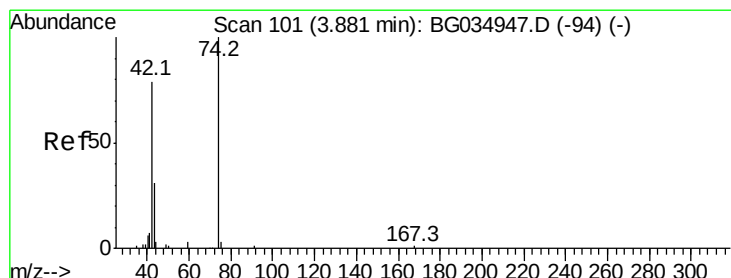
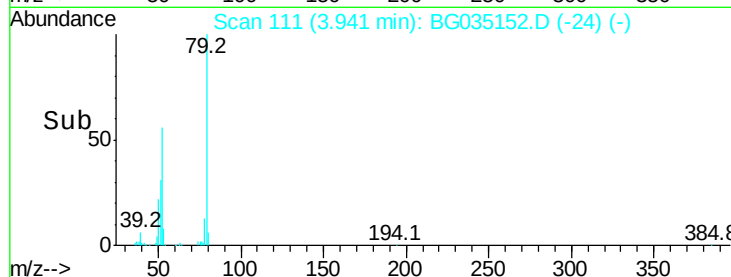
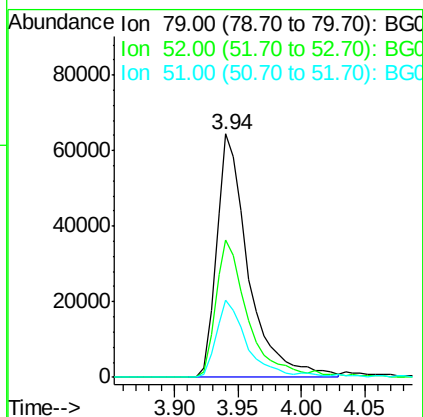
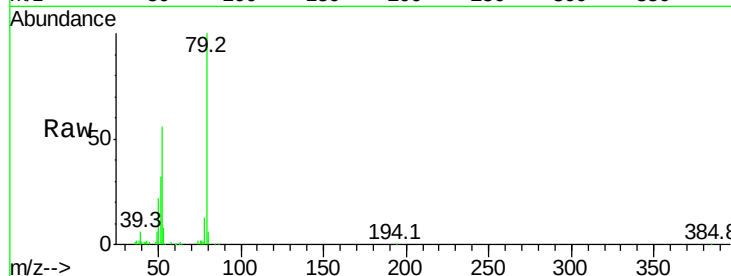
Tot Ion: 79 Resp: 112160

Ion Ratio Lower Upper

79 100

52 56.2 69.9 104.9#

51 31.6 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 33.627 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.02 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

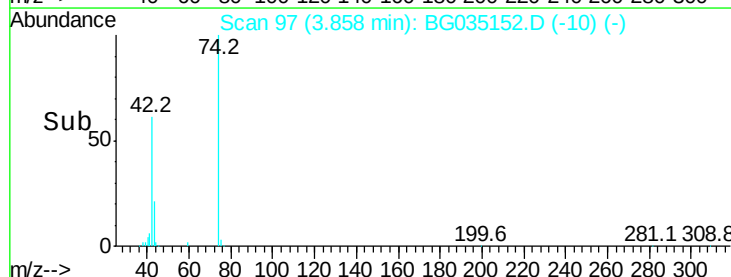
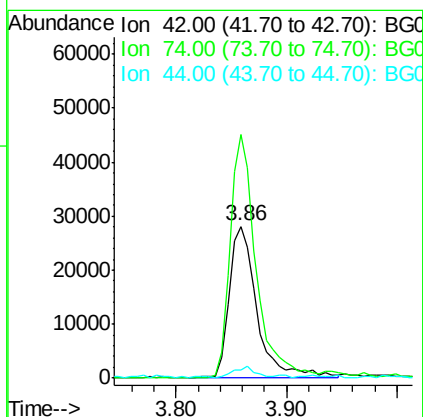
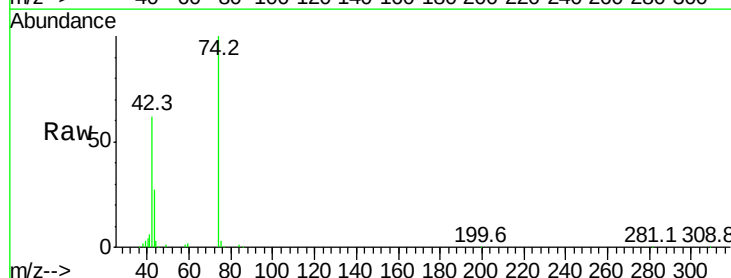
Tgt Ion: 42 Resp: 49904

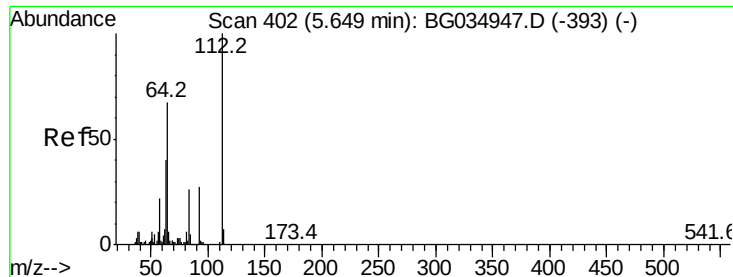
Ion Ratio Lower Upper

42 100

74 160.3 102.5 153.7#

44 5.2 18.9 28.3#





#5

2-Fluorophenol

Concen: 135.332 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

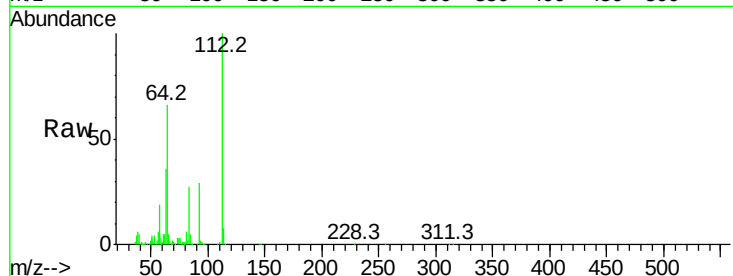
Tot Ion:112 Resp: 363147

Ion Ratio Lower Upper

112 100

64 66.0 56.3 84.5

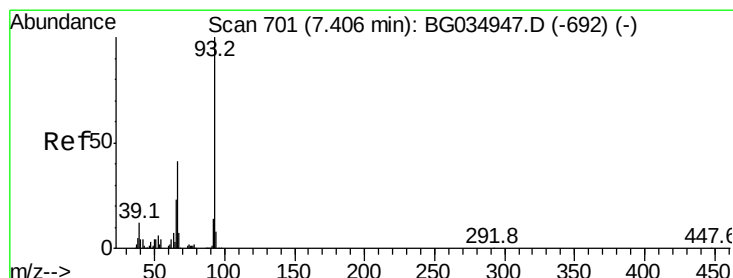
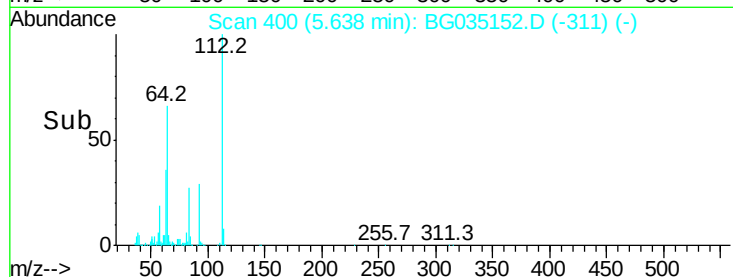
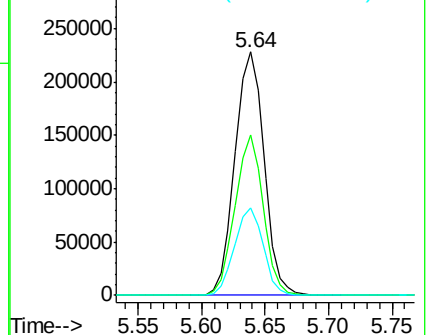
63 35.8 30.1 45.1



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: 27.981 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

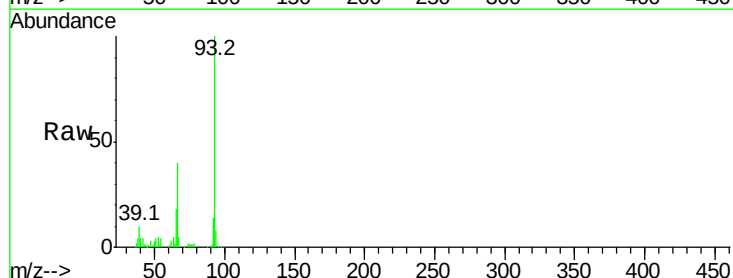
Tgt Ion: 93 Resp: 143247

Ion Ratio Lower Upper

93 100

66 40.4 33.7 50.5

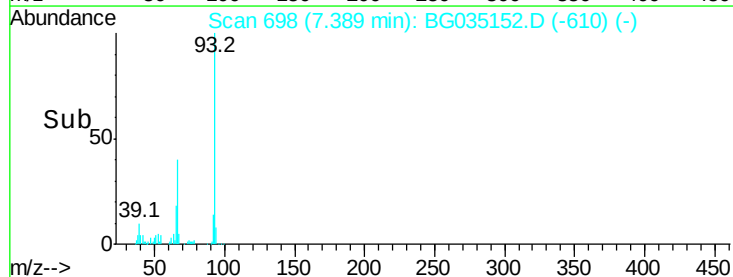
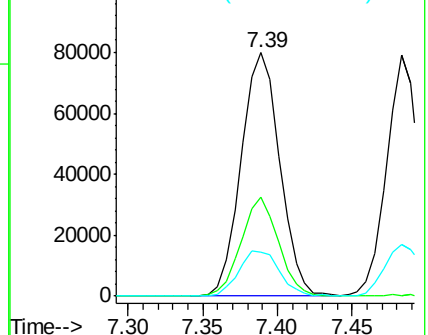
65 18.3 16.1 24.1

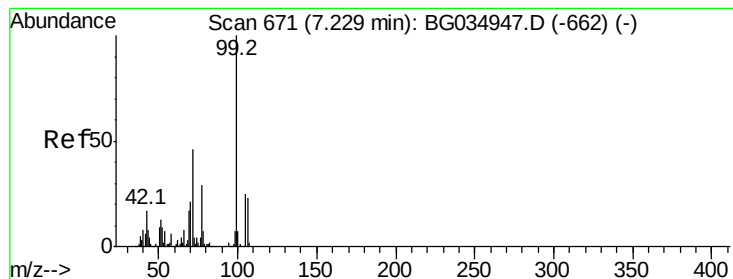


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.289 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035152.D

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Instrument :

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ClientSampleId :

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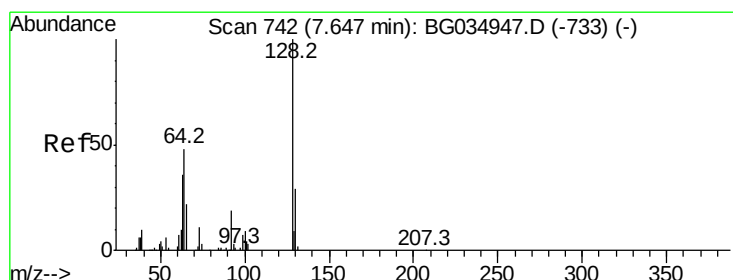
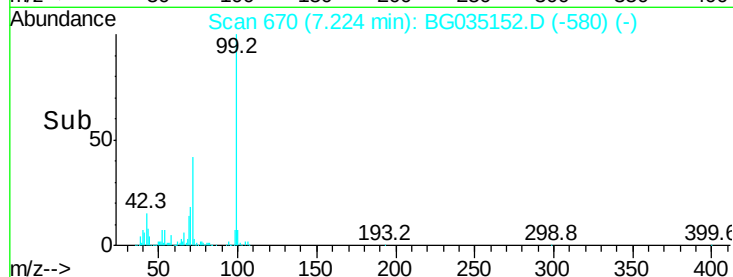
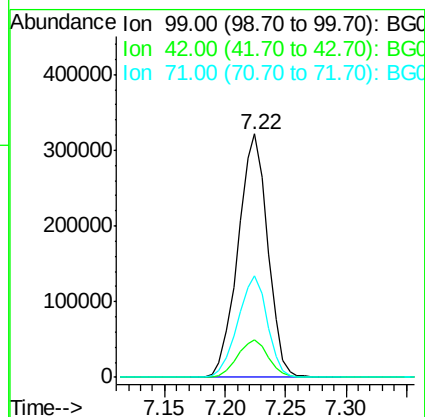
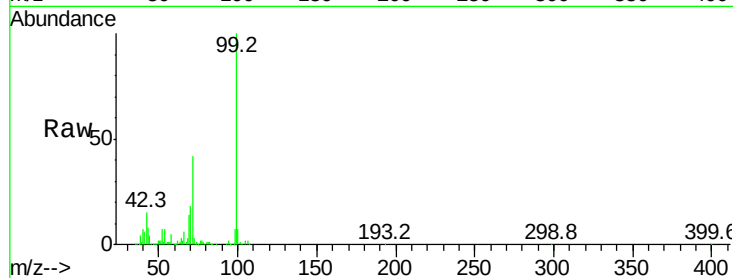
Tot Ion: 99 Resp: 551657

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 41.8 26.1 39.1#



#8

2-Chlorophenol

Concen: 44.653 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

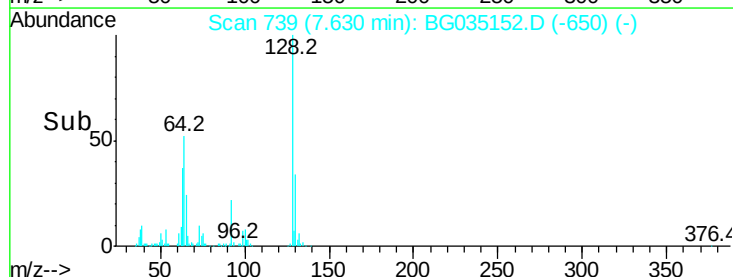
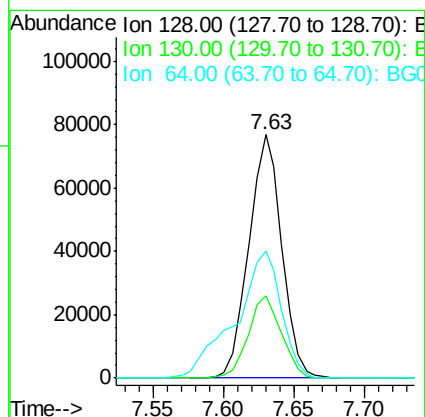
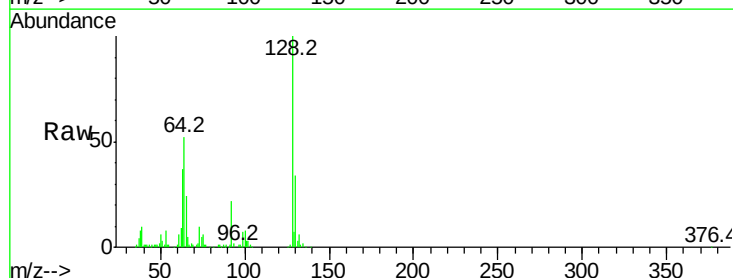
Tgt Ion:128 Resp: 125597

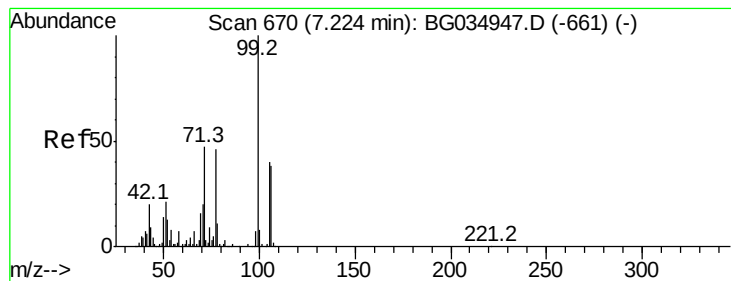
Ion Ratio Lower Upper

128 100

130 33.7 14.0 54.0

64 52.4 37.7 77.7





#9

Benzaldehyde

Concen: 28.506 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

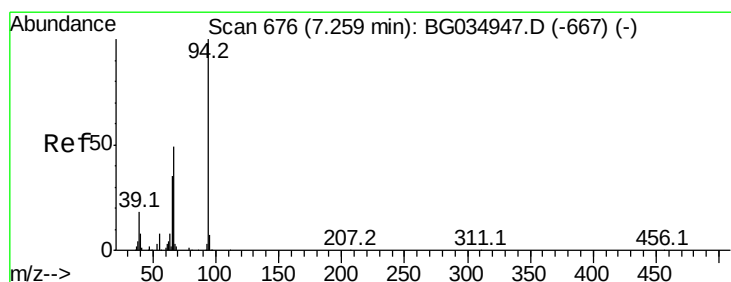
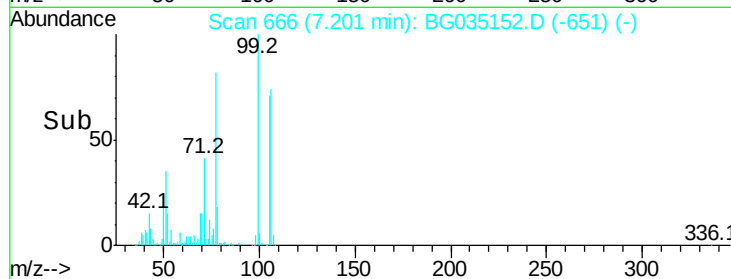
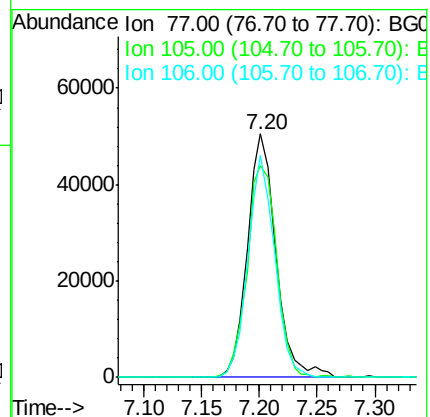
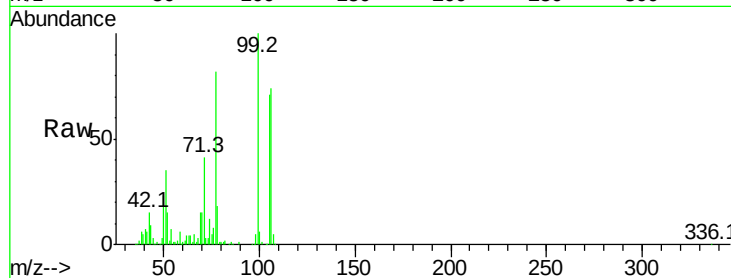
Tot Ion: 77 Resp: 86962

Ion Ratio Lower Upper

77 100

105 87.0 71.3 111.3

106 91.0 64.2 104.2



#10

Phenol

Concen: 46.888 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

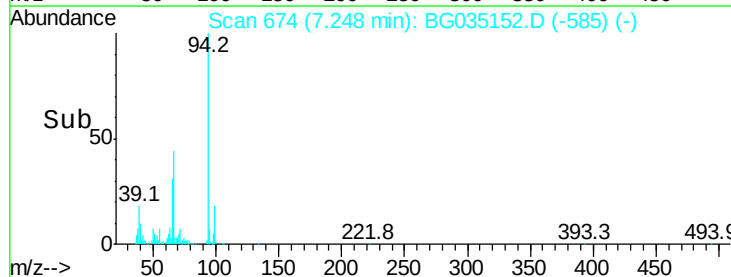
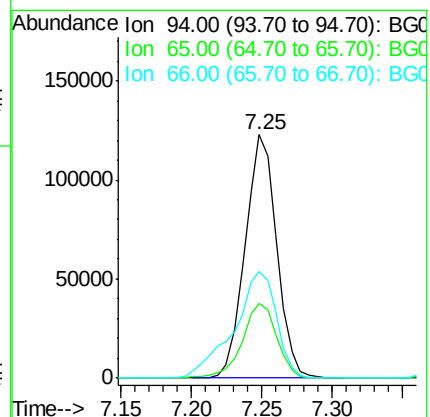
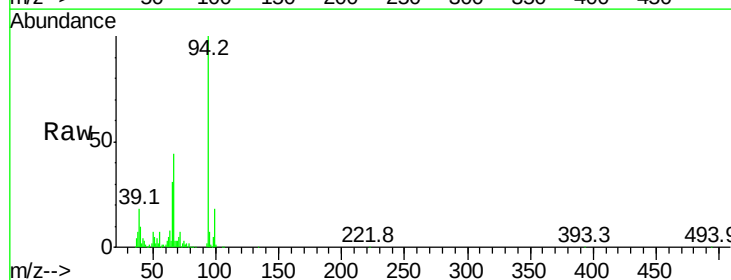
Tgt Ion: 94 Resp: 192178

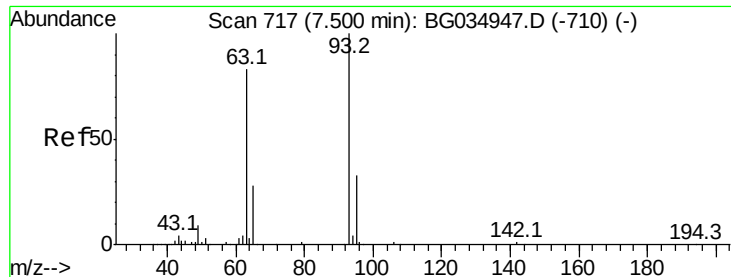
Ion Ratio Lower Upper

94 100

65 30.8 11.9 51.9

66 44.0 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 37.604 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

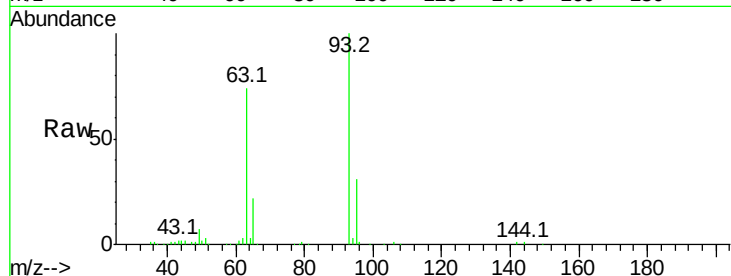
BNA_G

ClientSampleId :

PB110221BSD

Tot Ion: 93 Resp: 119627

Ion	Ratio	Lower	Upper
93	100		
63	74.4	67.1	107.1
95	30.5	11.5	51.5

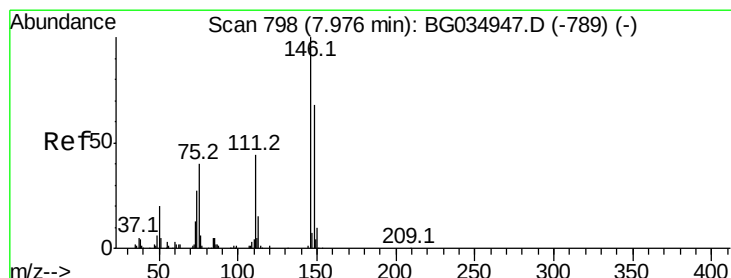
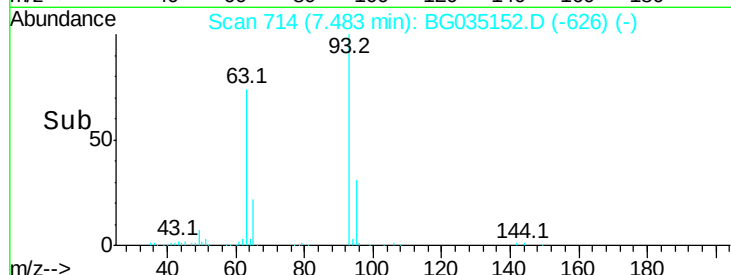
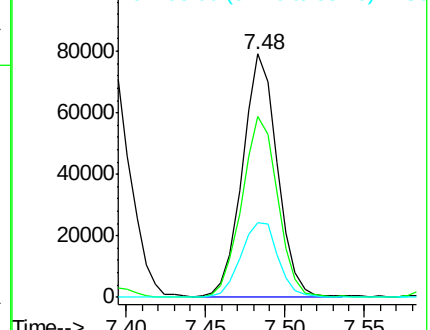


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 37.946 ng

RT: 7.95 min Scan# 794

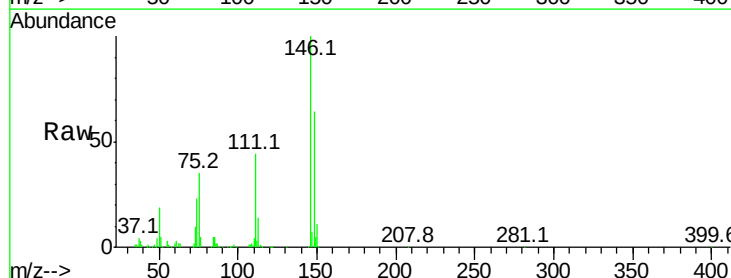
Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Tgt Ion: 146 Resp: 127348

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
75	35.4	26.6	39.8

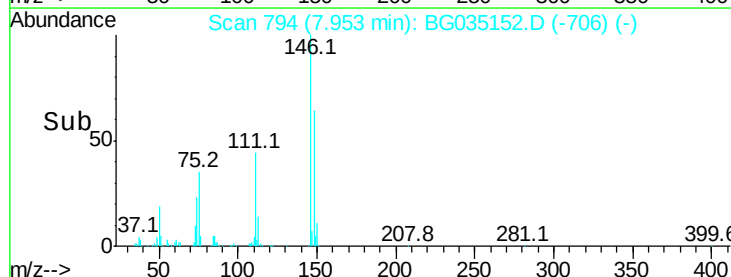
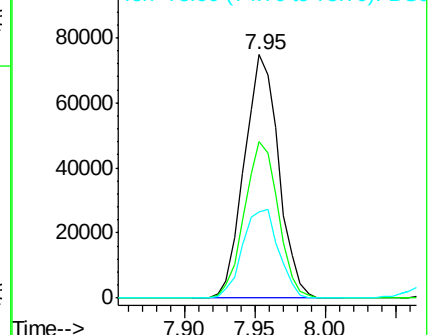


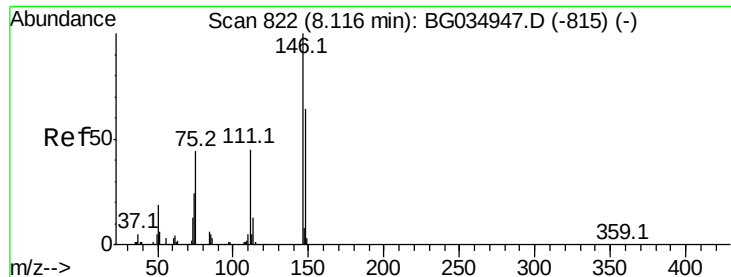
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 38.223 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

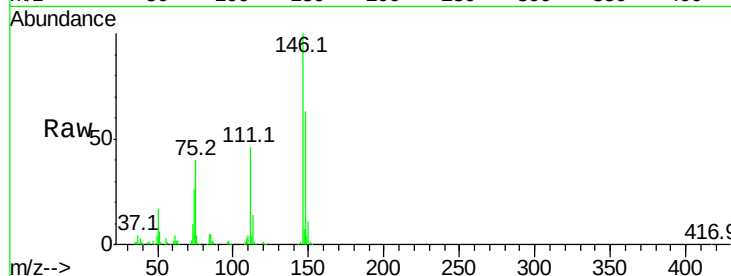
Tot Ion:146 Resp: 132421

Ion Ratio Lower Upper

146 100

148 62.7 53.7 80.5

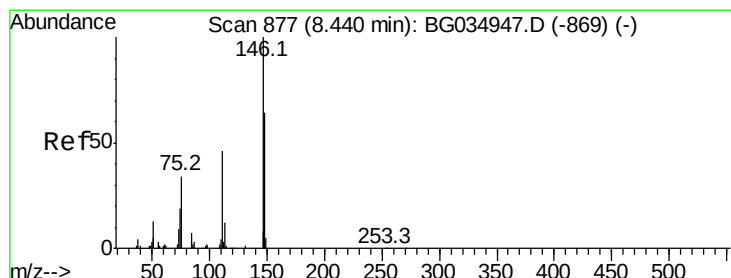
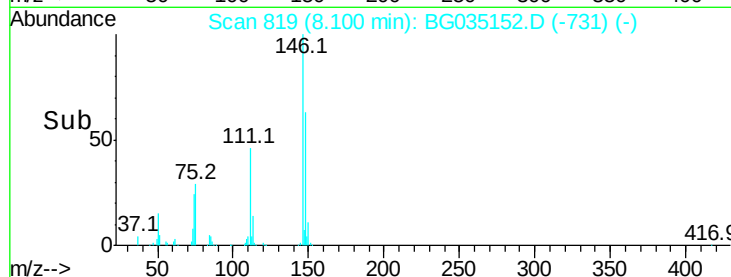
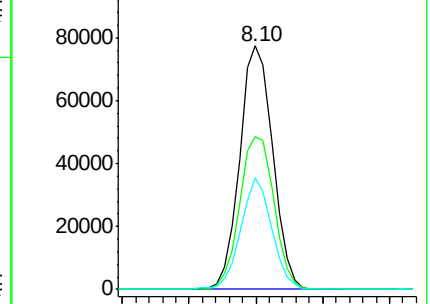
111 46.1 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.703 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.02 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

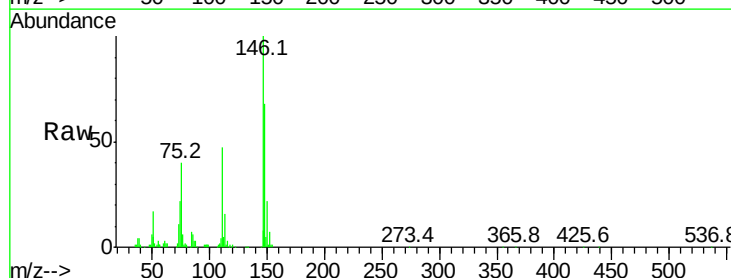
Tgt Ion:146 Resp: 125946

Ion Ratio Lower Upper

146 100

148 68.4 49.3 73.9

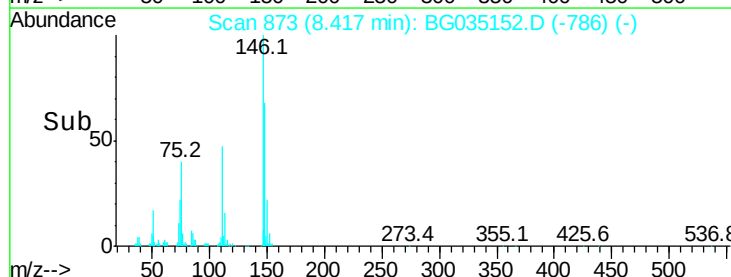
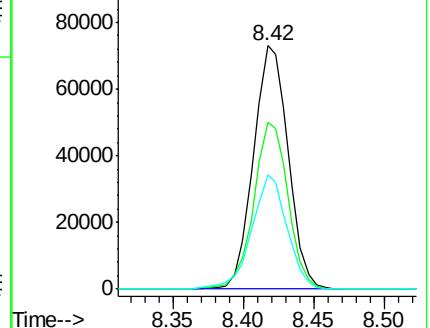
111 46.8 34.3 51.5

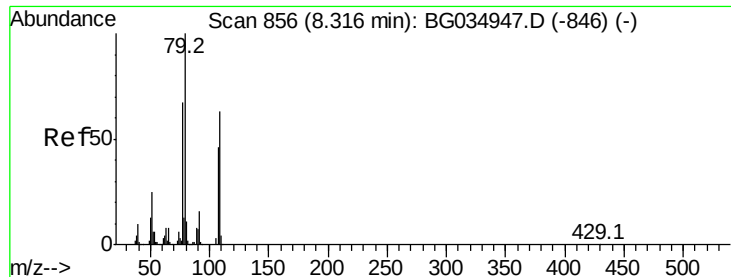


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.893 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

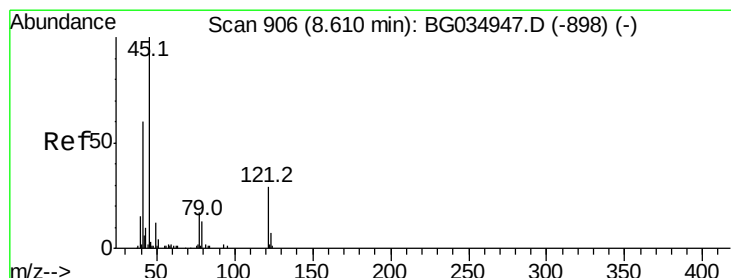
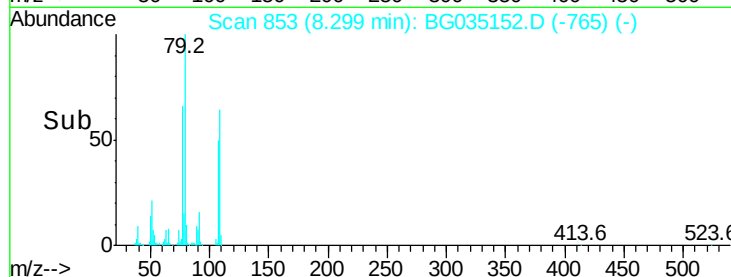
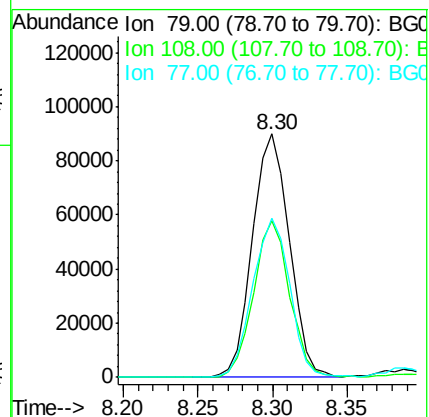
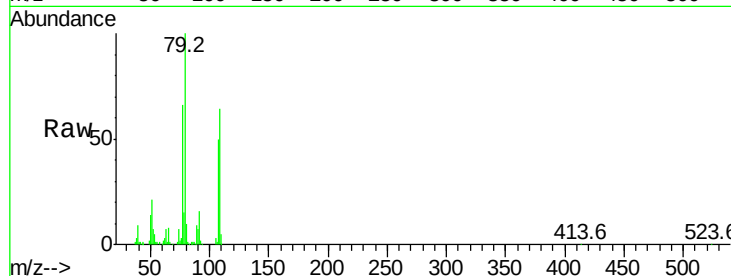
Tot Ion: 79 Resp: 153464

Ion Ratio Lower Upper

79 100

108 64.3 57.2 85.8

77 65.5 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.192 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

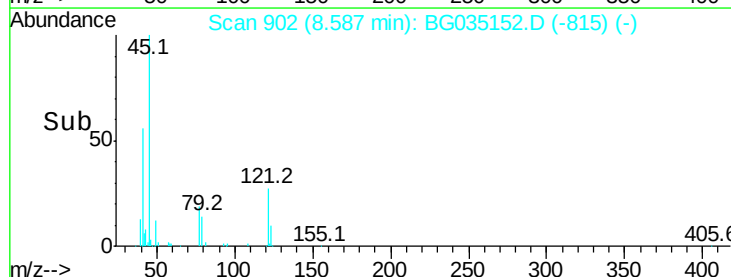
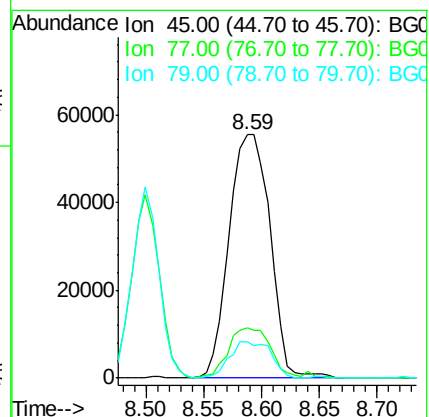
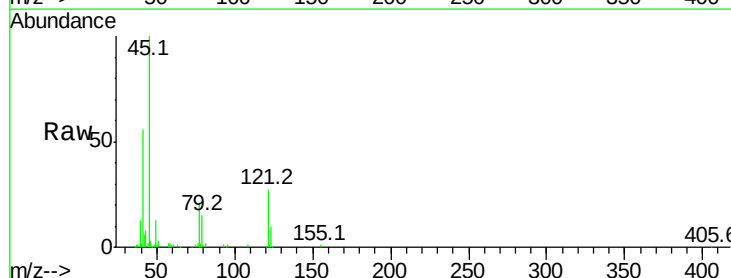
Tgt Ion: 45 Resp: 136760

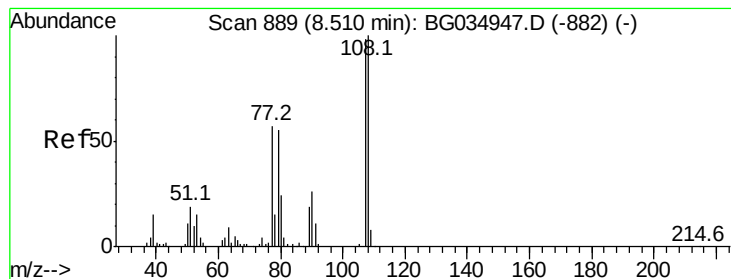
Ion Ratio Lower Upper

45 100

77 20.6 0.0 30.2

79 14.9 0.0 27.9





#17

2-Methylphenol

Concen: 47.849 ng

RT: 8.50 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

Tot Ion:107 Resp: 129299

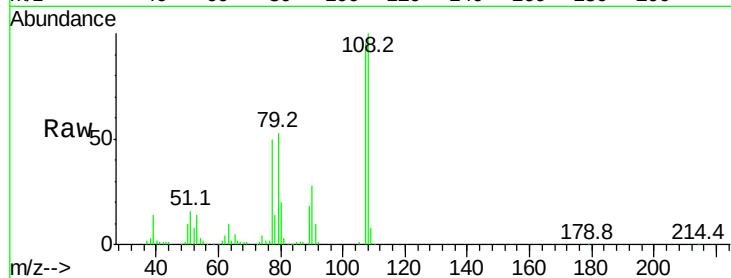
Ion Ratio Lower Upper

107 100

108 105.7 83.9 125.9

77 53.1 37.2 55.8

79 55.5 36.2 54.2#



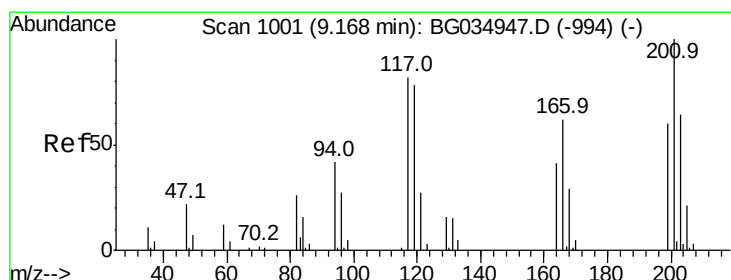
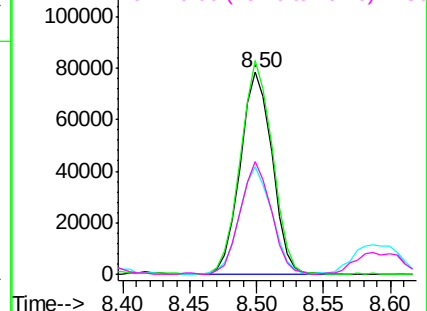
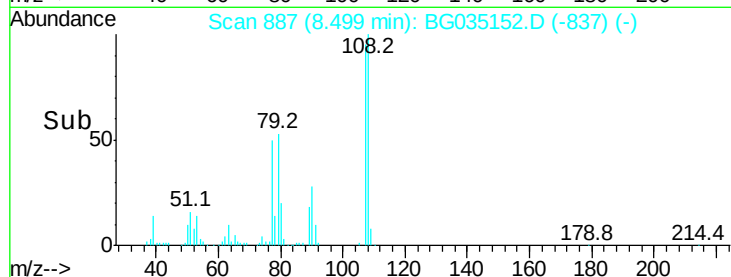
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.469 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

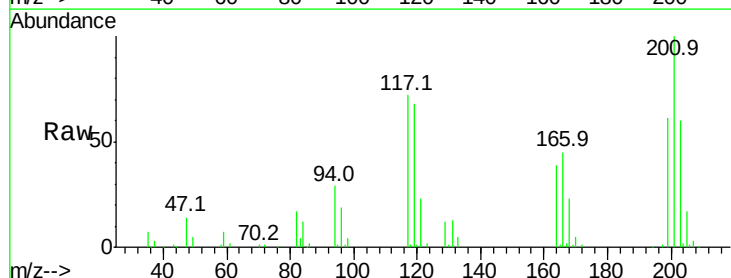
Tgt Ion:117 Resp: 47712

Ion Ratio Lower Upper

117 100

119 95.0 76.7 115.1

201 139.3 95.7 143.5

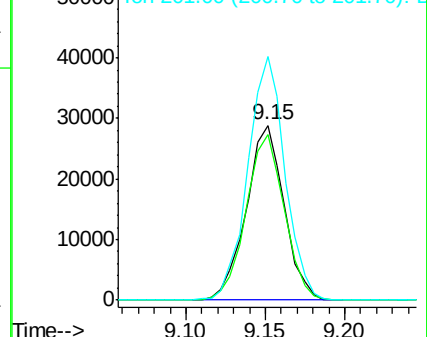
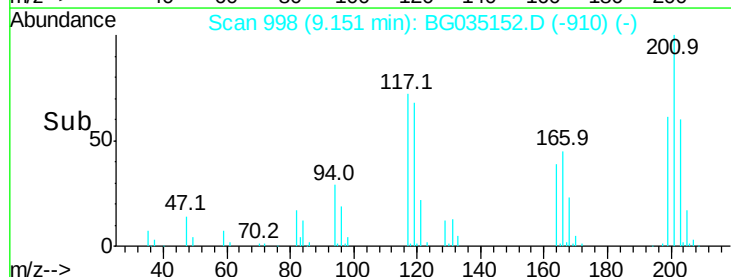


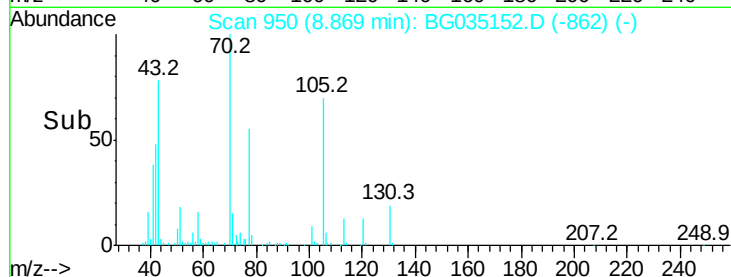
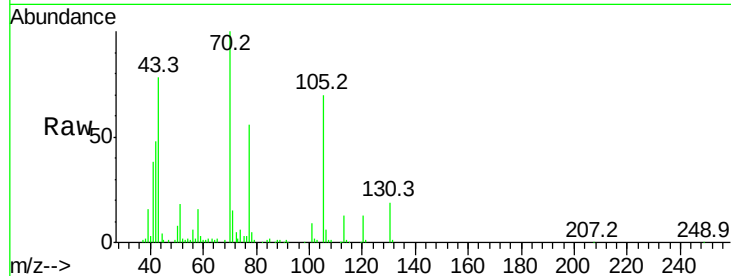
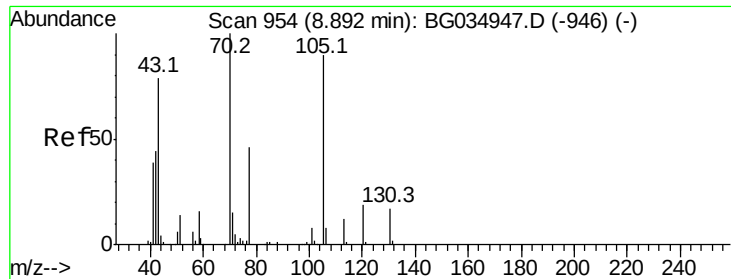
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

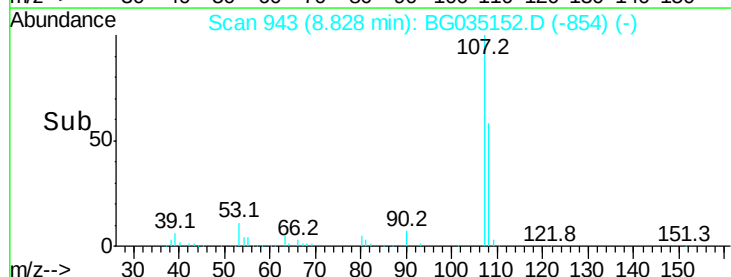
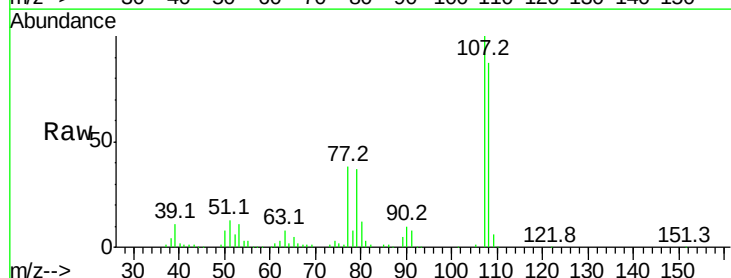
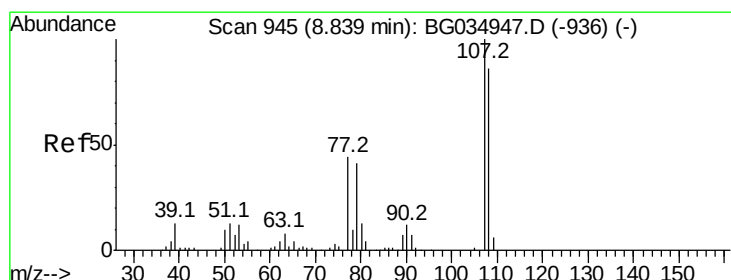
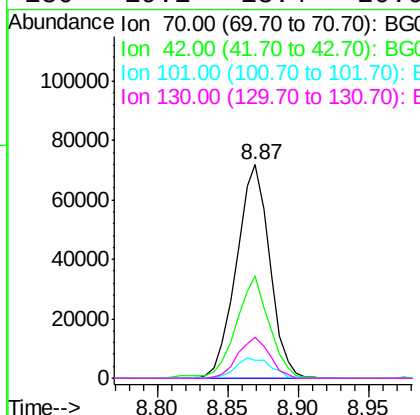




#19
n-Nitroso-di-n-propylamine
Concen: 35.048 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

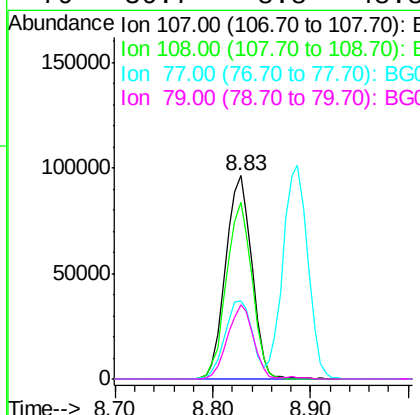
Instrument :
BNA_G
ClientSampleId :
PB110221BSD

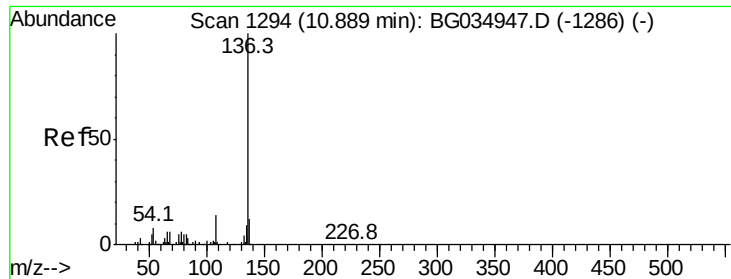
Tot Ion: 70 Resp: 117928
Ion Ratio Lower Upper
70 100
42 47.7 49.1 73.7#
101 8.6 8.5 12.7
130 19.1 13.4 20.0



#20
3+4-Methylphenols
Concen: 46.450 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

Tgt Ion: 107 Resp: 179912
Ion Ratio Lower Upper
107 100
108 86.8 61.6 101.6
77 38.2 13.9 53.9
79 36.7 8.8 48.8

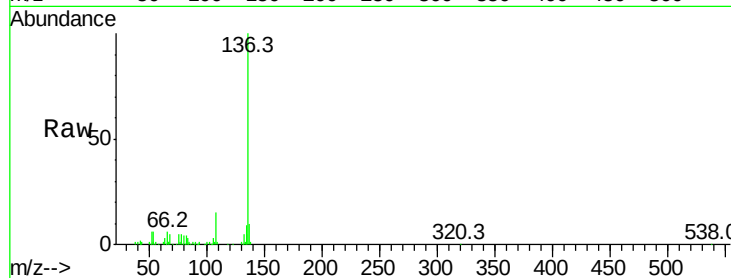




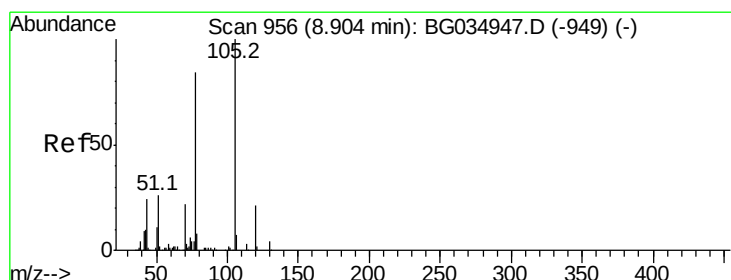
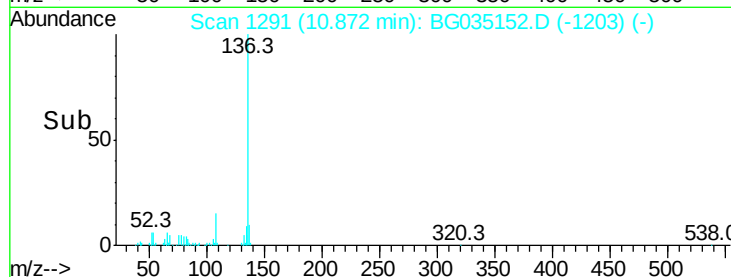
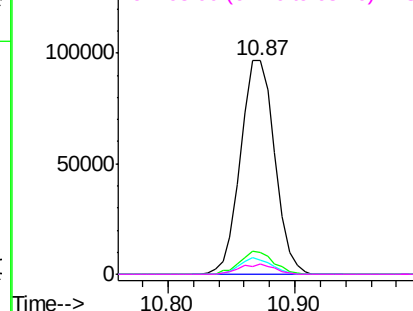
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

Instrument :
BNA_G
ClientSampleId :
PB110221BSD

Tot Ion:	136	Resp:	180408
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	6.5	10.3	15.5#
68	4.9	4.5	6.7

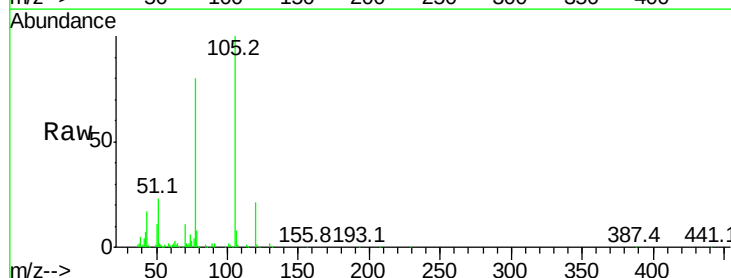


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

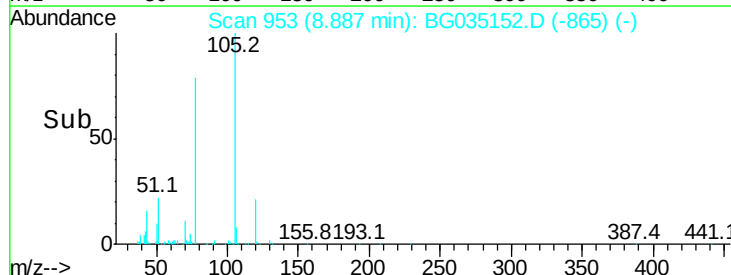
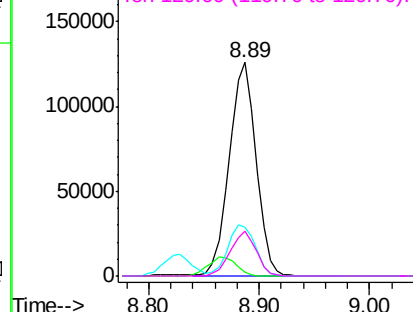


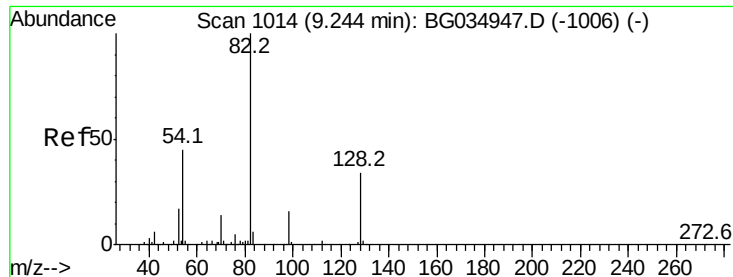
#22
Acetophenone
Concen: 38.383 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

Tgt Ion:	105	Resp:	214503
Ion	Ratio	Lower	Upper
105	100		
71	2.1	3.0	4.4#
51	22.8	26.1	39.1#
120	20.8	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
200000
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: 93.173 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

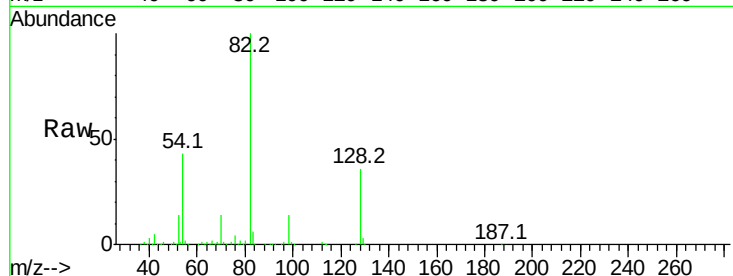
Tot Ion: 82 Resp: 353622

Ion Ratio Lower Upper

82 100

128 36.2 29.7 44.5

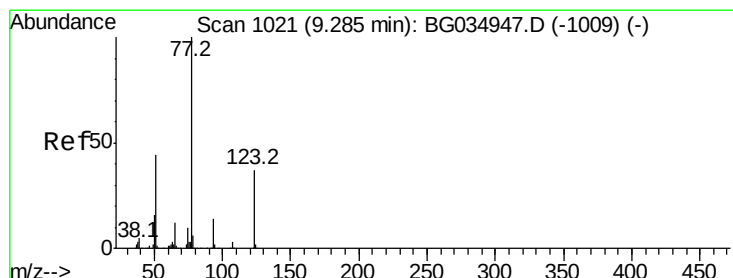
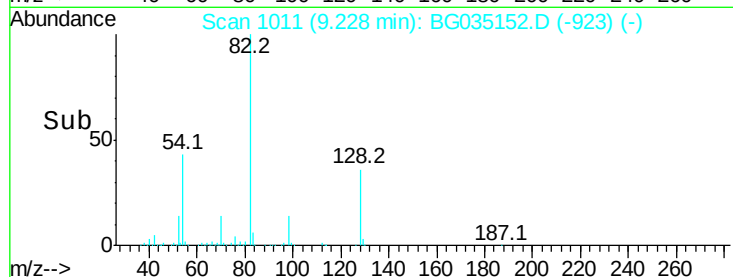
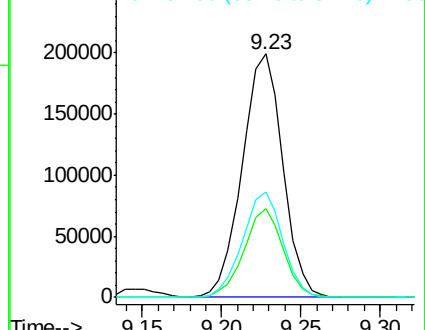
54 43.1 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 45.730 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

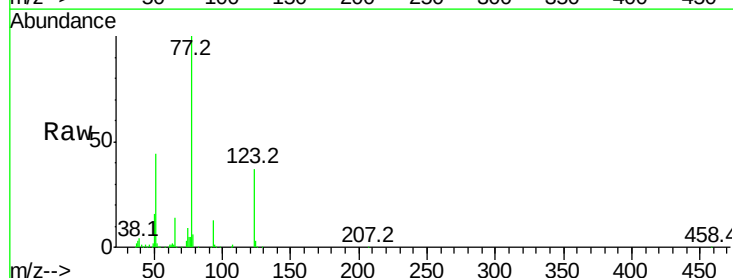
Tgt Ion: 77 Resp: 177728

Ion Ratio Lower Upper

77 100

123 37.4 33.0 49.6

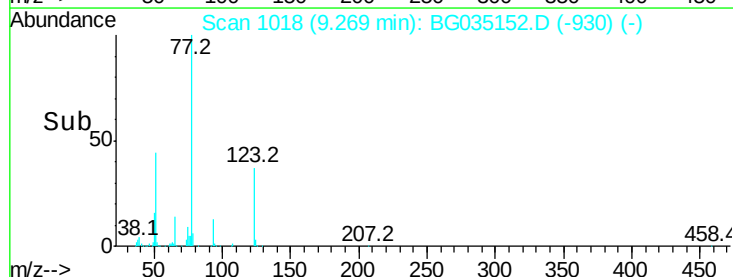
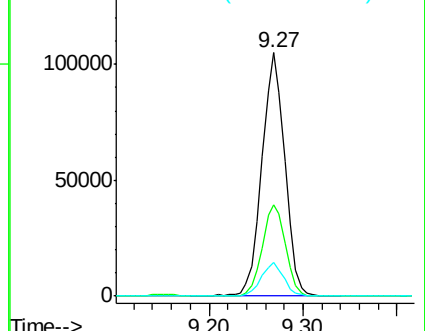
65 13.6 13.0 19.6

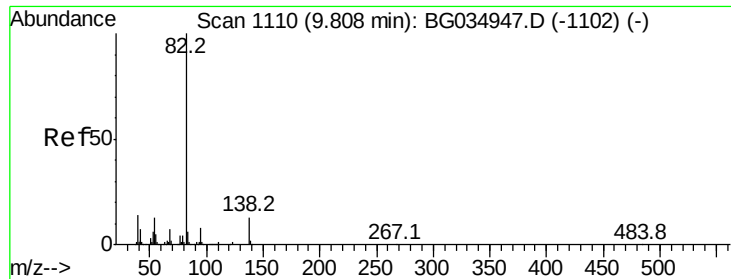


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 44.016 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

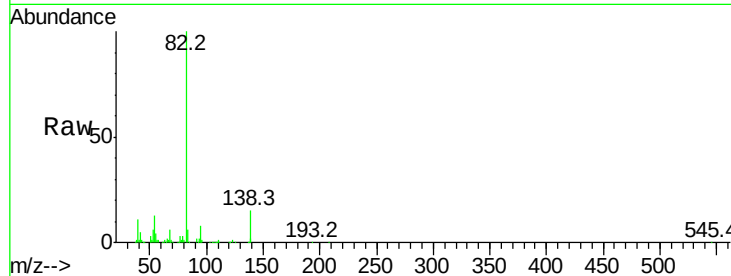
Tot Ion: 82 Resp: 352702

Ion Ratio Lower Upper

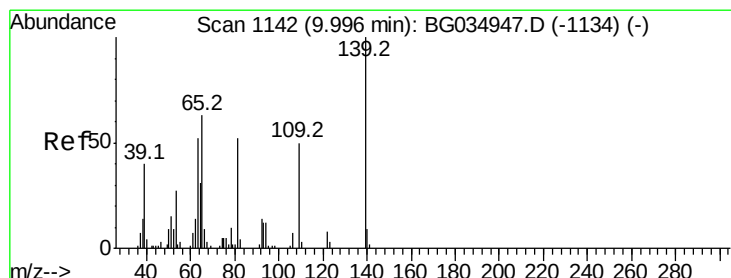
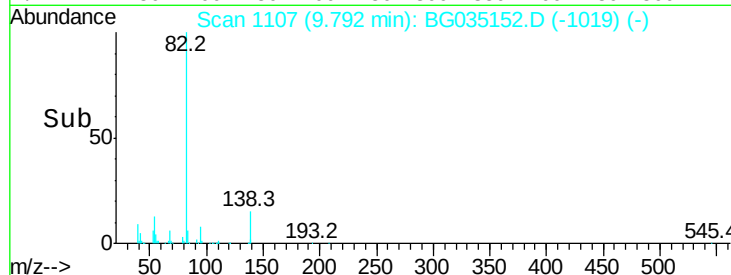
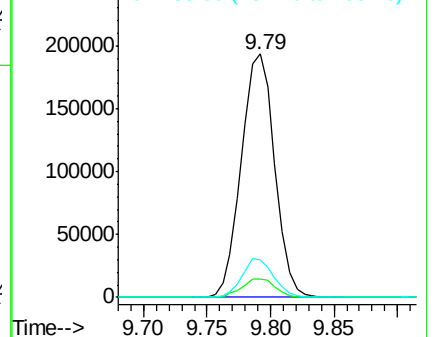
82 100

95 7.7 6.2 9.2

138 15.3 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 56.007 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

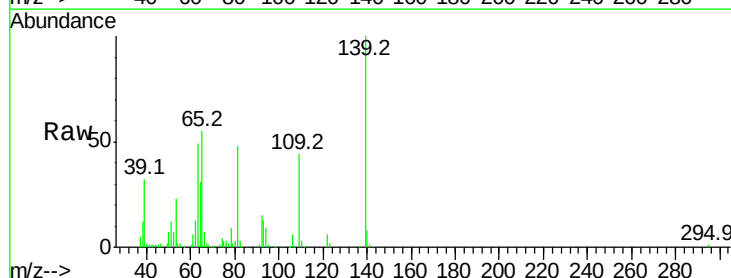
Tgt Ion: 139 Resp: 75029

Ion Ratio Lower Upper

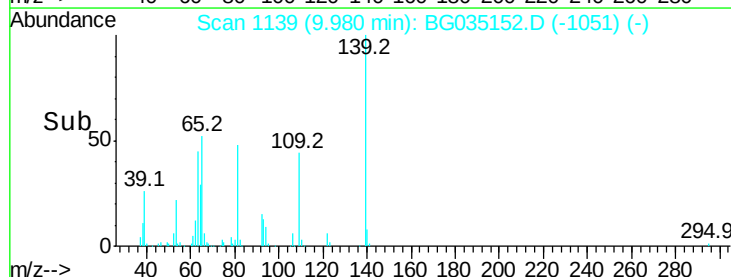
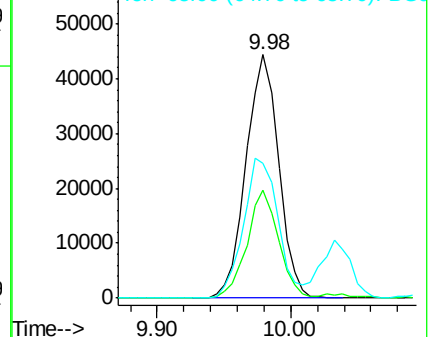
139 100

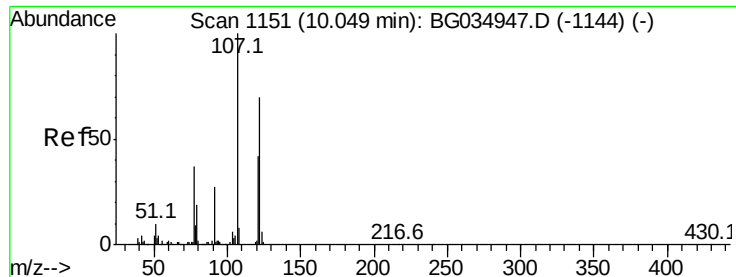
109 44.3 24.2 36.2#

65 55.5 47.4 71.0



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





#27

2,4-Dimethylphenol

Concen: 49.301 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

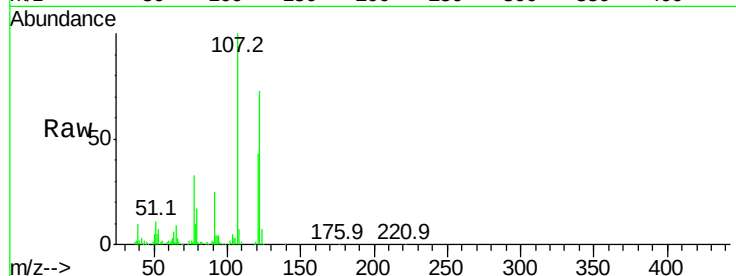
Tot Ion:122 Resp: 138822

Ion Ratio Lower Upper

122 100

107 136.1 100.2 150.2

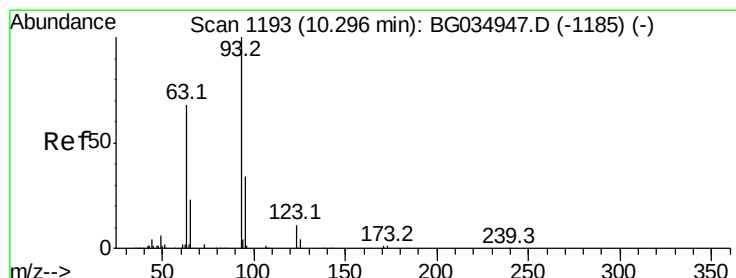
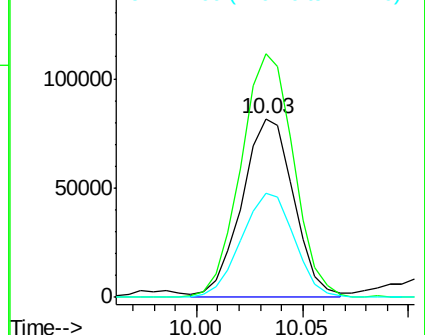
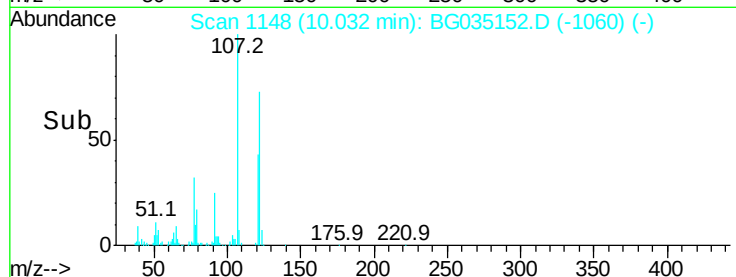
121 58.5 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.249 ng

RT: 10.27 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

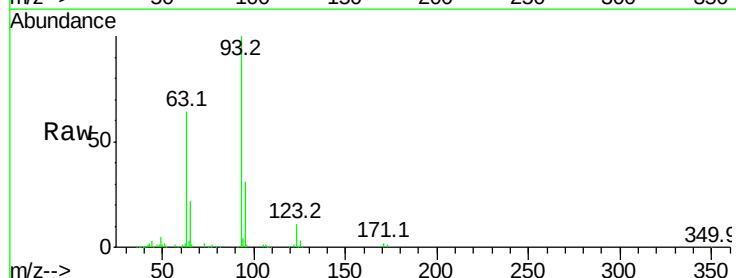
Tgt Ion: 93 Resp: 181930

Ion Ratio Lower Upper

93 100

95 31.0 24.3 36.5

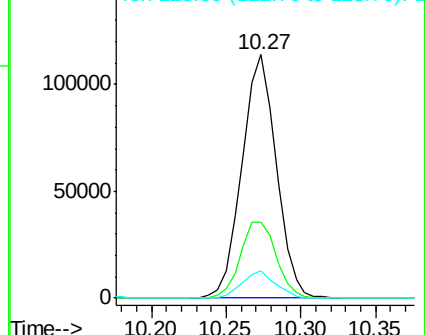
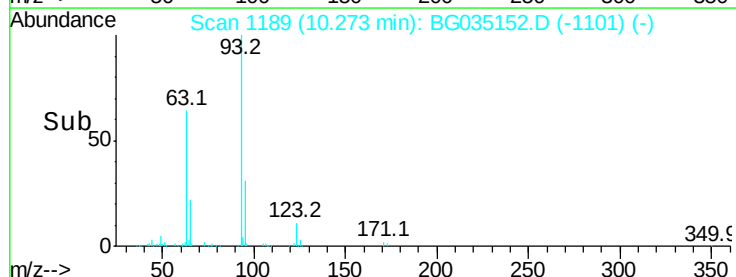
123 11.1 8.4 12.6

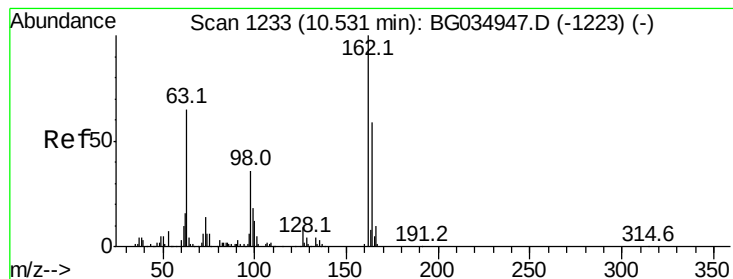


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC





#29

2,4-Dichlorophenol

Concen: 50.996 ng

RT: 10.51 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

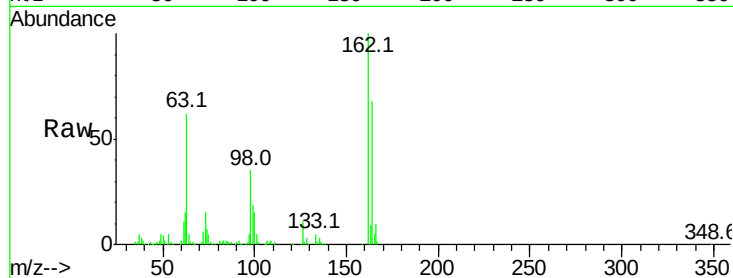
Tot Ion:162 Resp: 156246

Ion Ratio Lower Upper

162 100

164 67.6 48.0 88.0

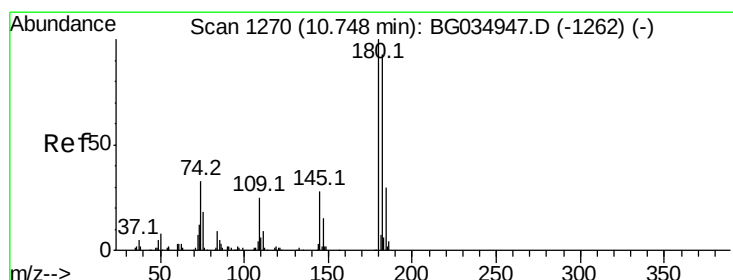
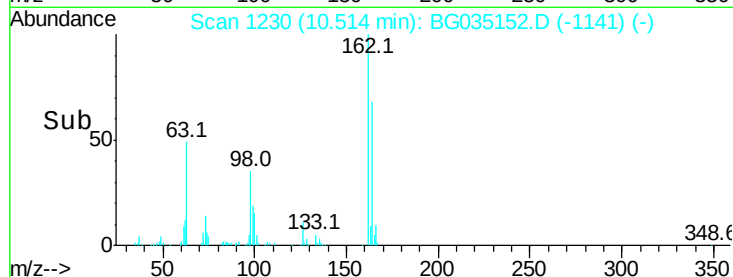
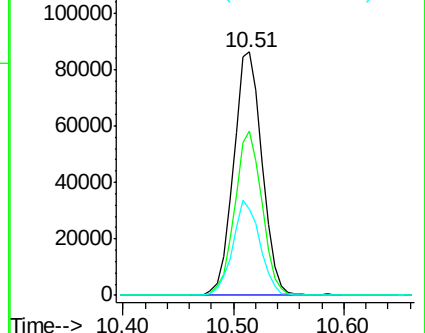
98 35.4 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 42.216 ng

RT: 10.73 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

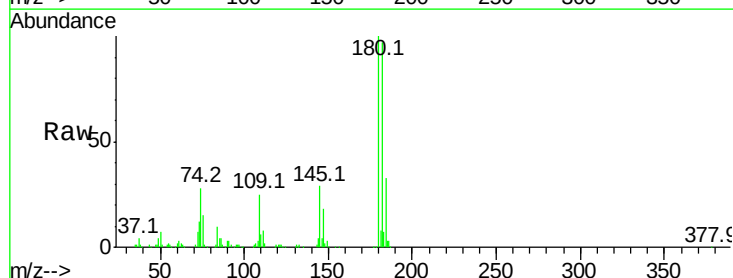
Tgt Ion:180 Resp: 155097

Ion Ratio Lower Upper

180 100

182 96.6 77.5 116.3

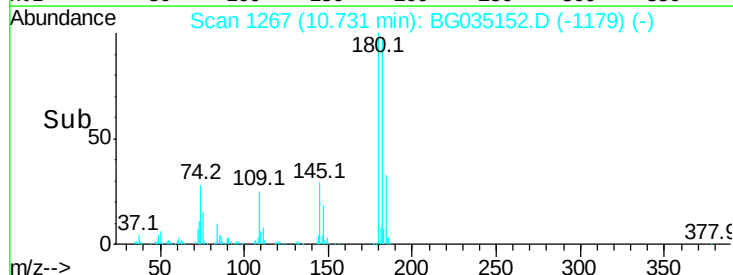
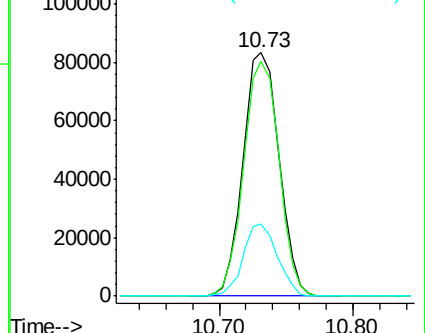
145 29.5 23.4 35.2

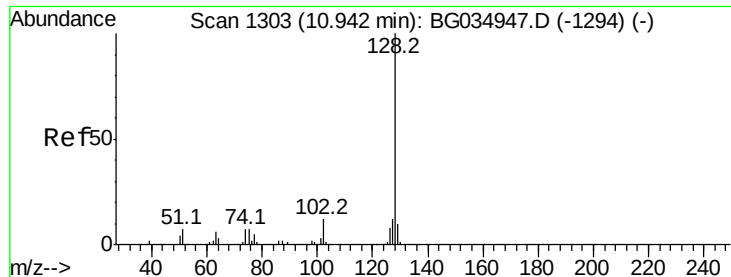


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.267 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

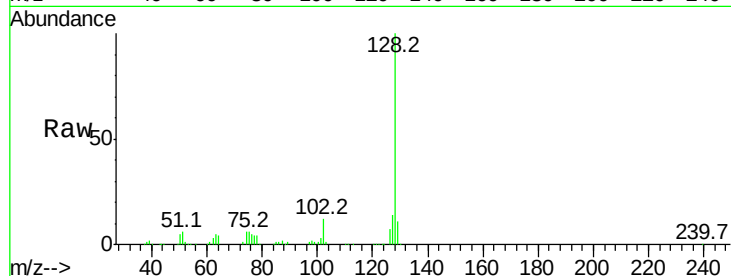
Tot Ion:128 Resp: 396127

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

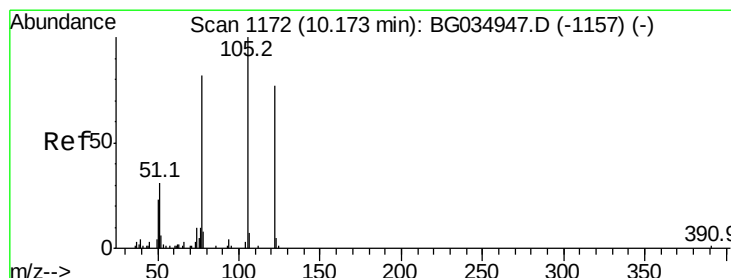
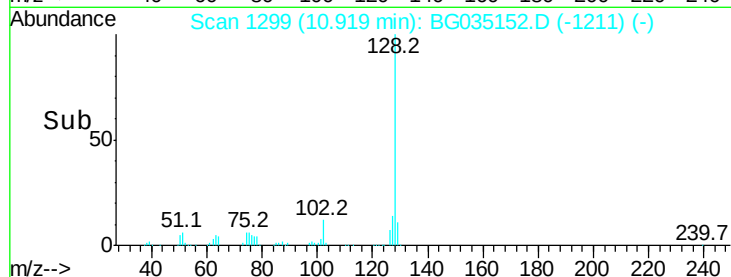
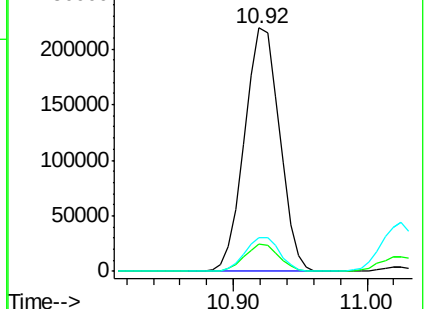
127 13.8 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.818 ng

RT: 10.16 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

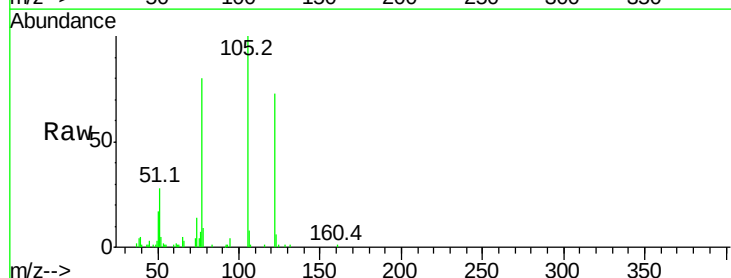
Tgt Ion:122 Resp: 88302

Ion Ratio Lower Upper

122 100

105 137.5 123.5 163.5

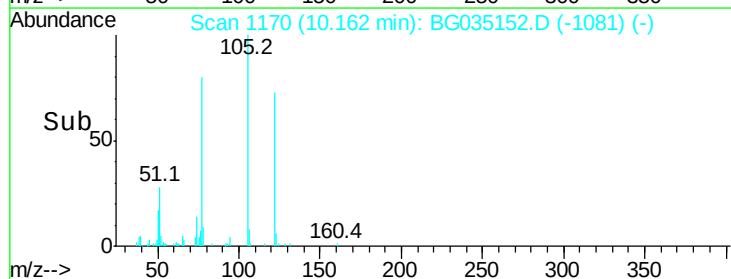
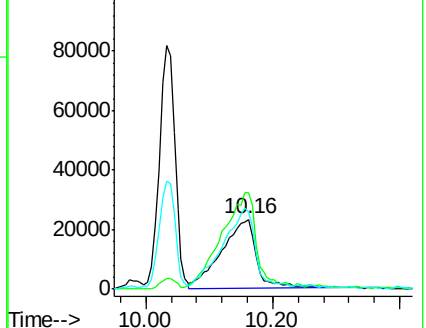
77 109.5 85.7 125.7

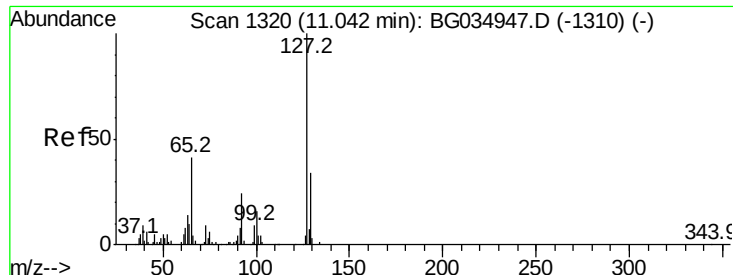


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

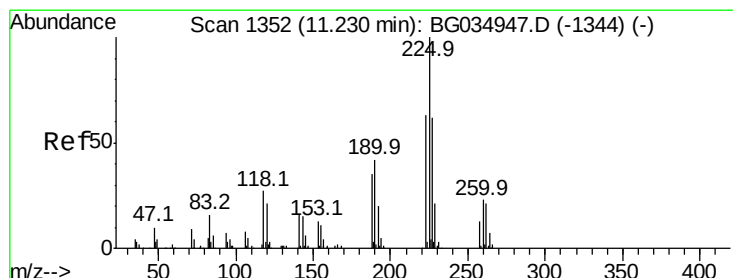
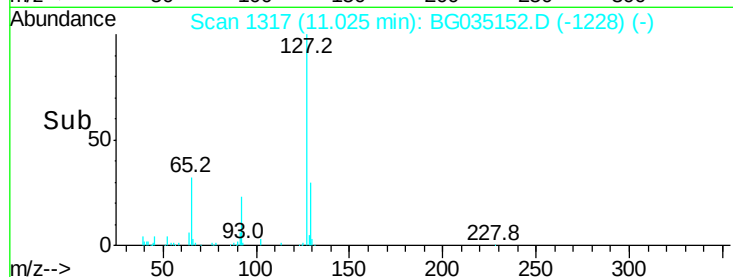
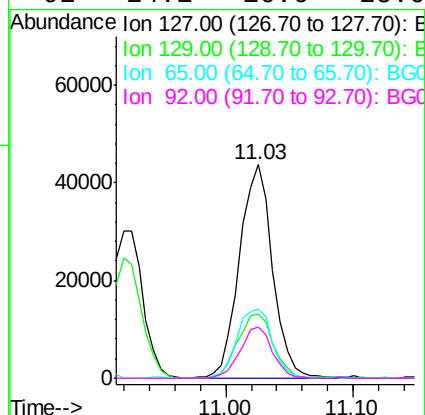
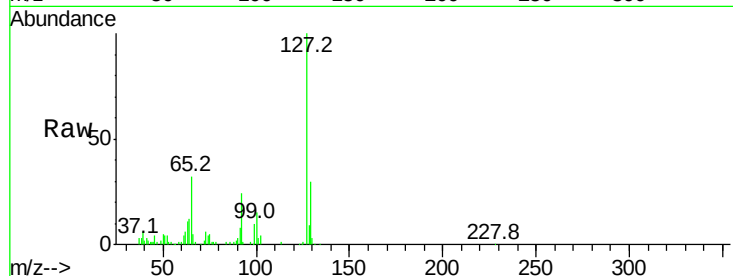




#33
4-Chloroaniline
Concen: 19.493 ng
RT: 11.03 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

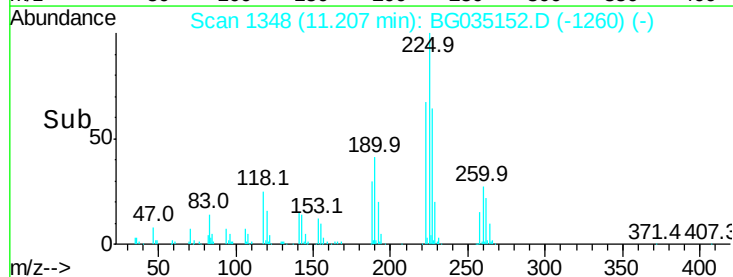
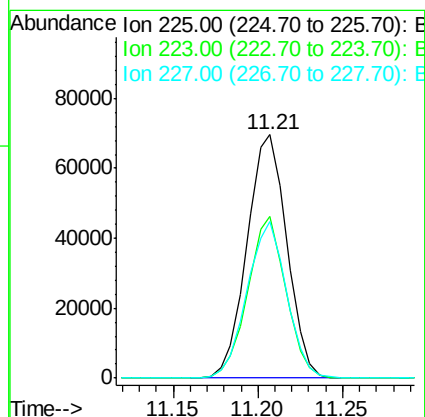
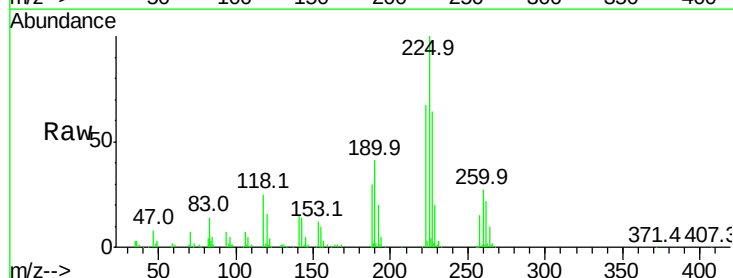
Instrument :
BNA_G
ClientSampleId :
PB110221BSD

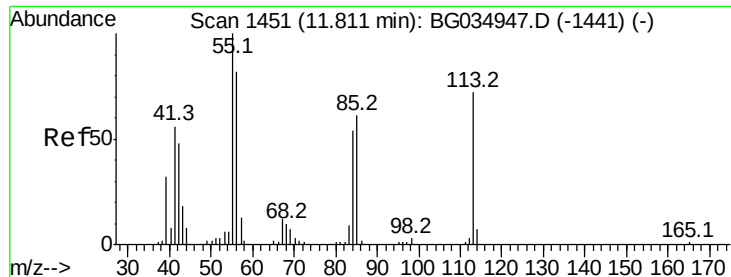
Tot Ion:	127	Resp:	79323
Ion	Ratio	Lower	Upper
127	100		
129	30.2	24.0	36.0
65	32.4	27.0	40.4
92	24.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 39.934 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

Tgt Ion:	225	Resp:	114101
Ion	Ratio	Lower	Upper
225	100		
223	66.5	49.7	74.5
227	64.4	48.1	72.1

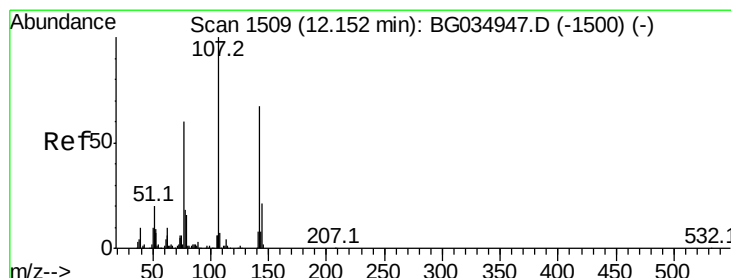
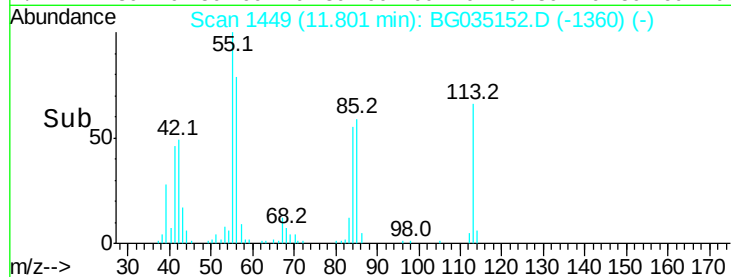
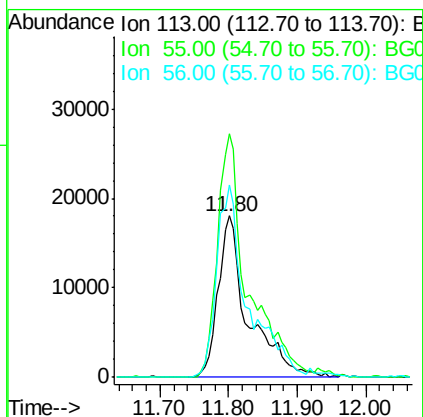
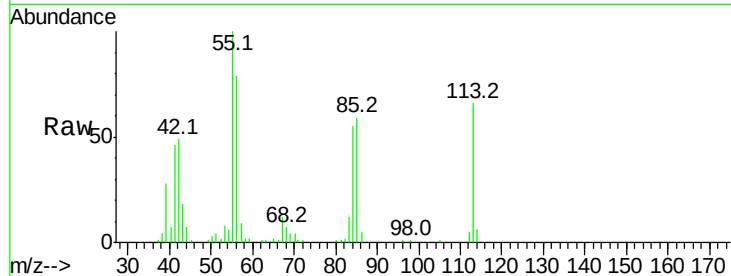




#35
 Caprolactam
 Concen: 48.685 ng
 RT: 11.80 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BG035152.D
 Acq: 15 Jun 2018 00:21

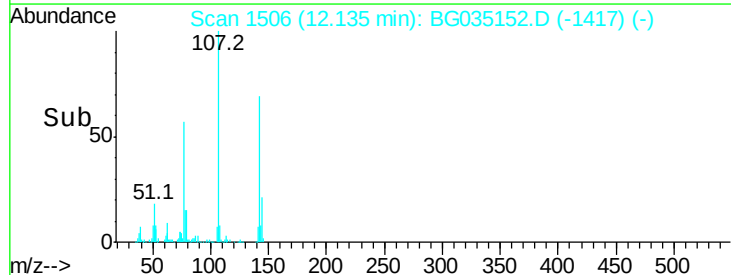
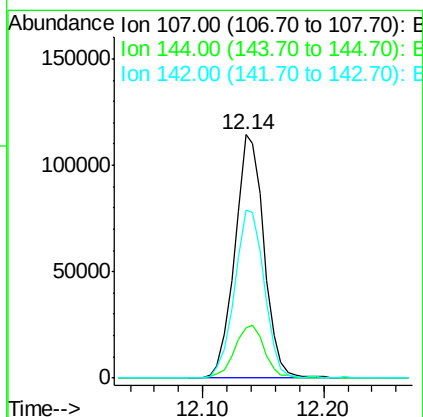
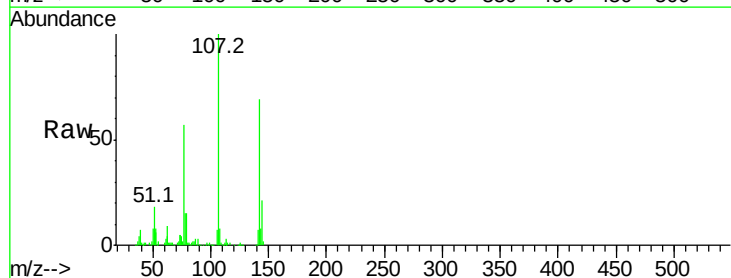
Instrument :
 BNA_G
 ClientSampleId :
 PB110221BSD

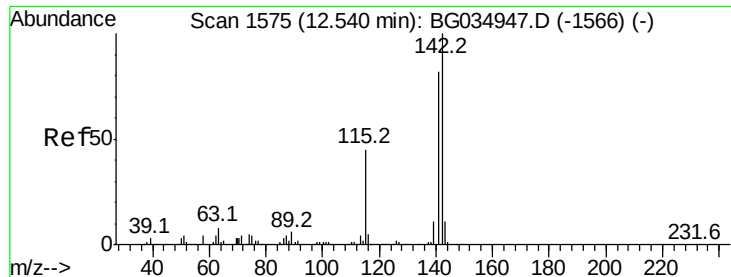
Tot Ion:113 Resp: 55127
 Ion Ratio Lower Upper
 113 100
 55 150.8 186.9 226.9#
 56 119.1 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 50.191 ng
 RT: 12.14 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BG035152.D
 Acq: 15 Jun 2018 00:21

Tgt Ion:107 Resp: 191693
 Ion Ratio Lower Upper
 107 100
 144 20.7 18.2 27.4
 142 68.9 59.0 88.4

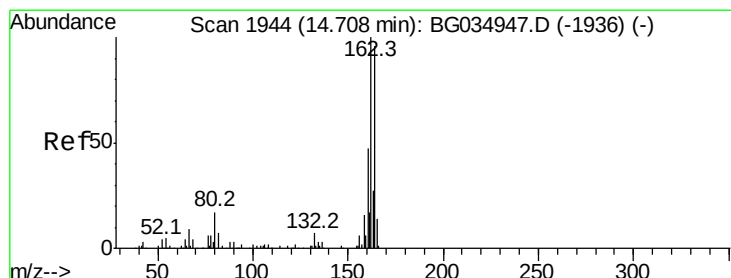
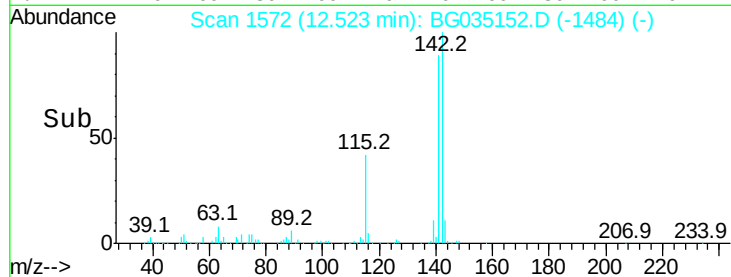
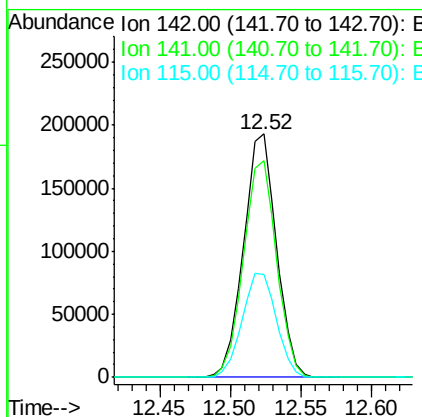
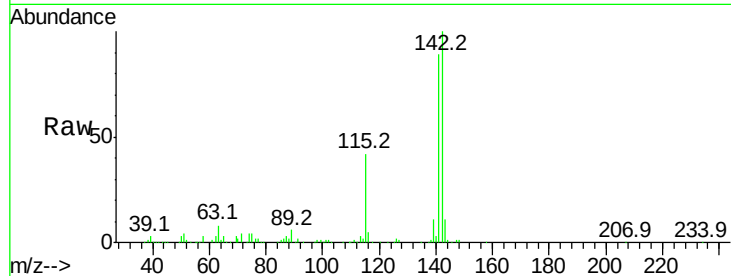




#37
2-Methylnaphthalene
Concen: 44.472 ng
RT: 12.52 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

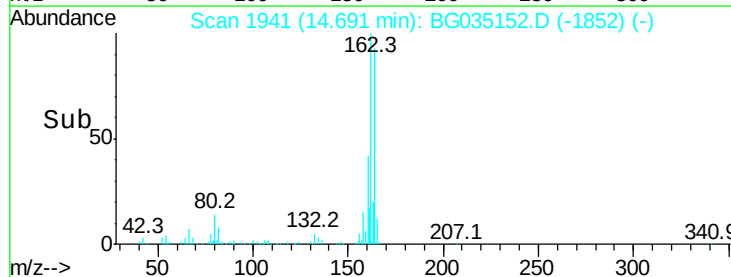
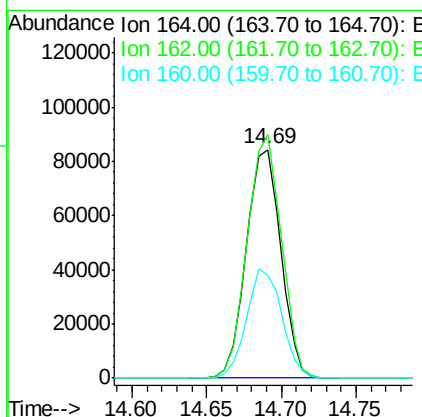
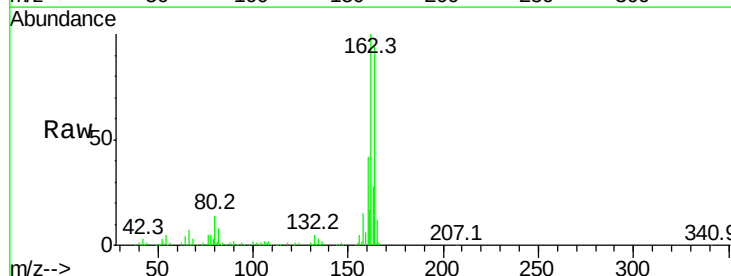
Instrument :
BNA_G
ClientSampleId :
PB110221BSD

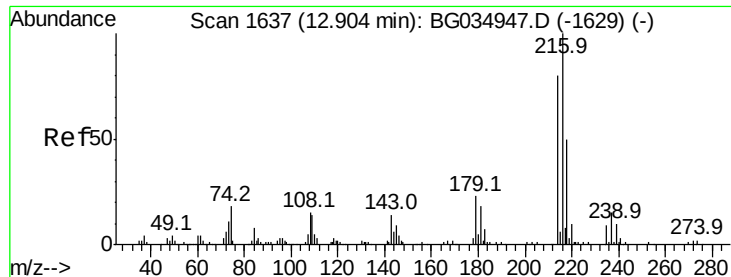
Tot Ion:142 Resp: 315991
Ion Ratio Lower Upper
142 100
141 89.1 67.1 100.7
115 42.2 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

Tgt Ion:164 Resp: 134477
Ion Ratio Lower Upper
164 100
162 106.6 78.8 118.2
160 45.0 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.074 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

Tot Ion:216 Resp: 215754

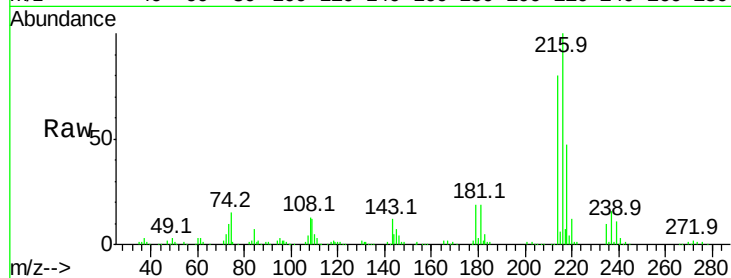
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 19.6 17.0 25.6

108 16.6 12.8 19.2

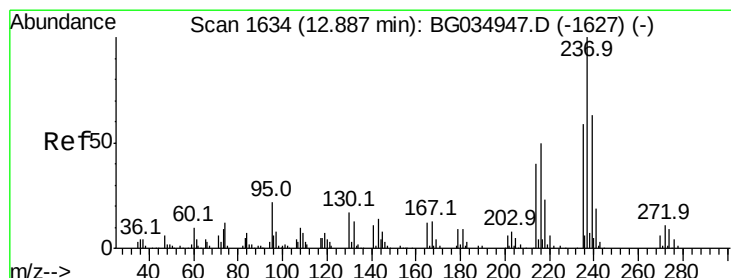
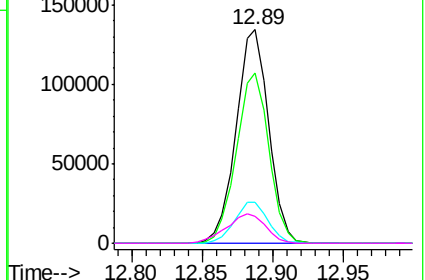
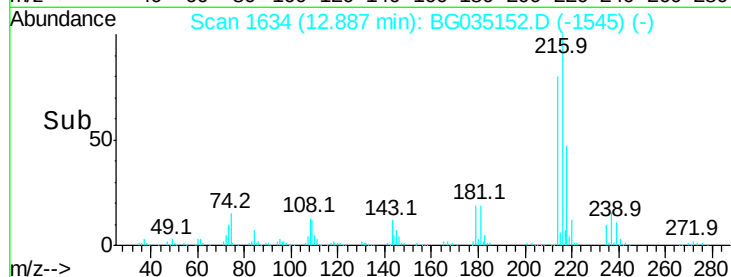


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 93.231 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

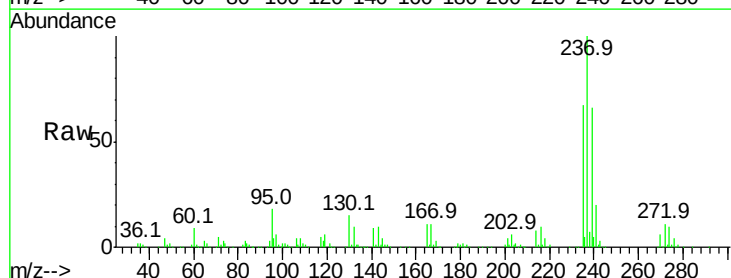
Tgt Ion:237 Resp: 292849

Ion Ratio Lower Upper

237 100

235 67.0 50.4 90.4

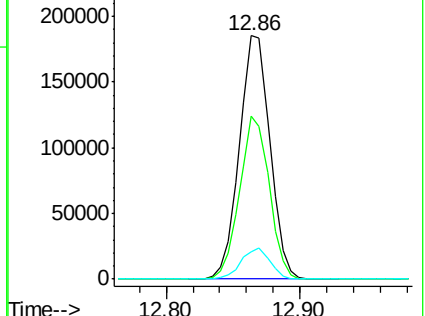
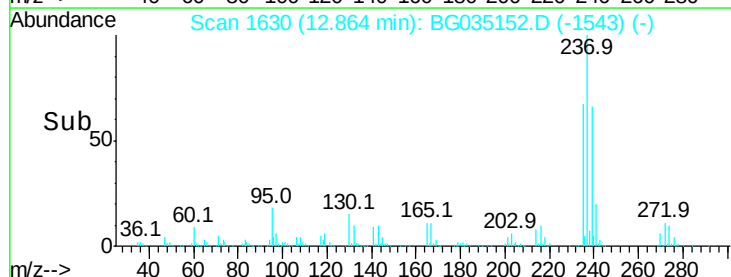
272 11.3 0.0 31.8

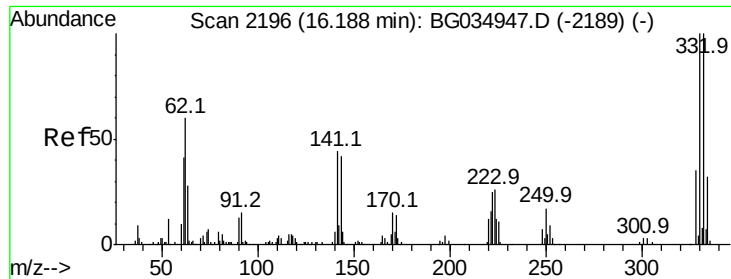


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 158.770 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

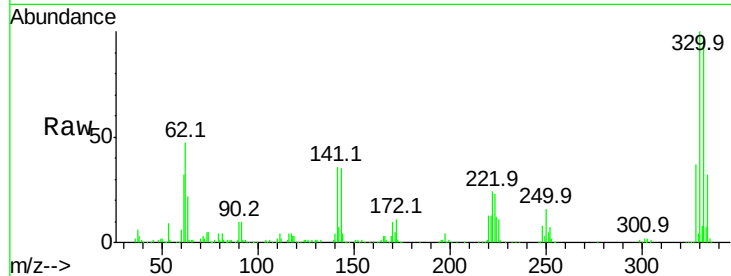
Tot Ion:330 Resp: 273319

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

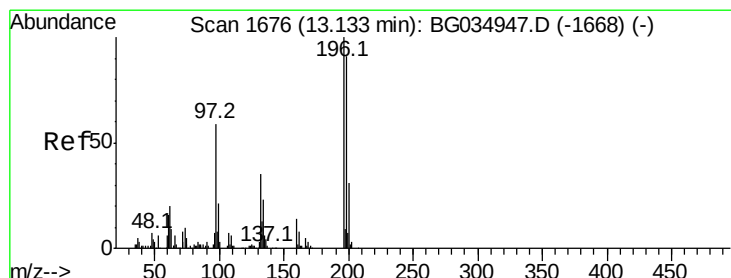
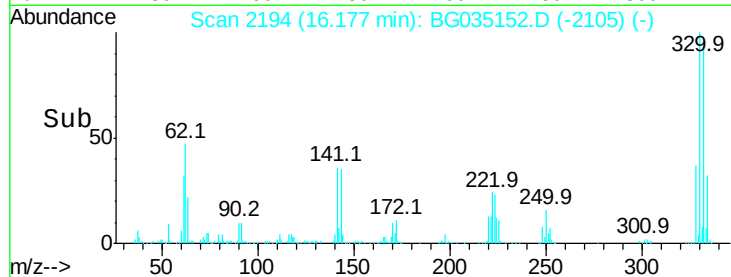
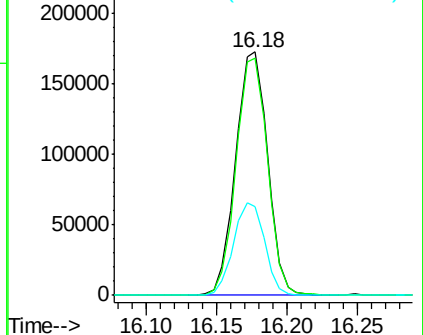
141 37.3 25.2 37.8



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: 49.657 ng

RT: 13.12 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

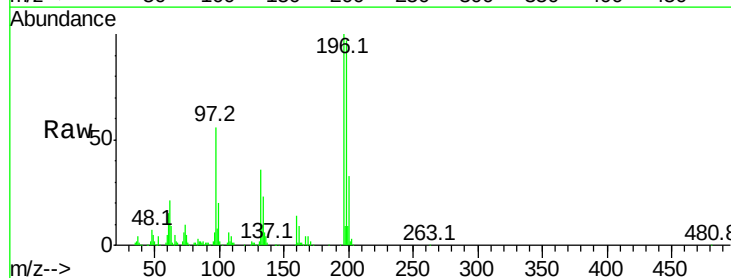
Tgt Ion:196 Resp: 148936

Ion Ratio Lower Upper

196 100

198 97.0 78.2 117.2

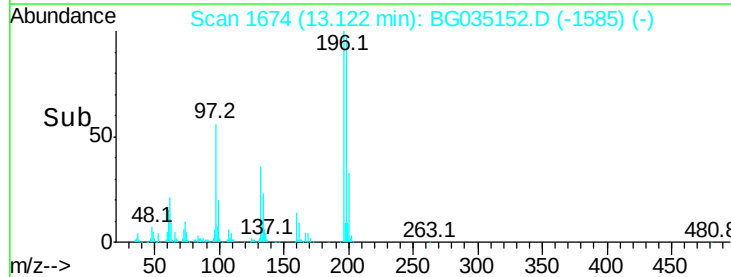
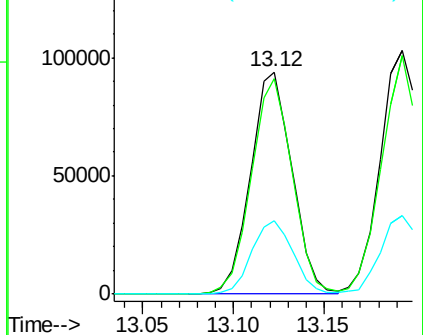
200 33.2 24.6 36.8

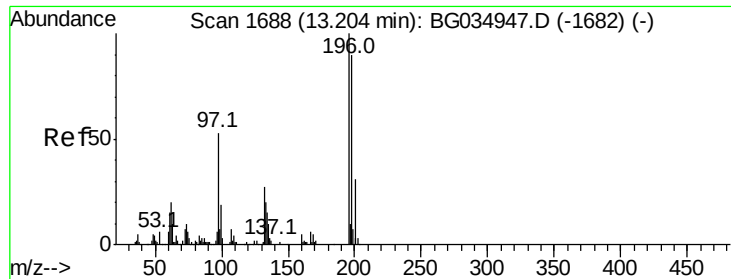


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

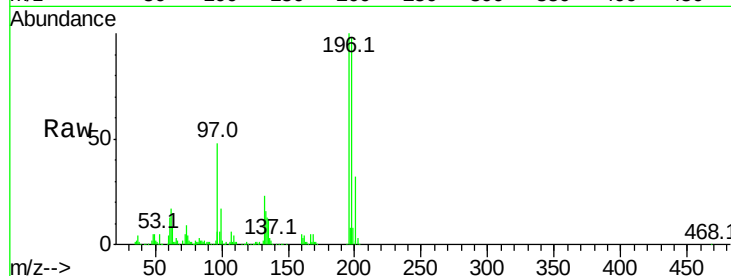




#43
2,4,5-Trichlorophenol
Concen: 50.758 ng
RT: 13.19 min Scan# 1686
Delta R.T. -0.01 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

Instrument :
BNA_G
ClientSampleId :
PB110221BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.2	114.4
97	48.3	38.7	58.1
132	22.7	20.2	30.2



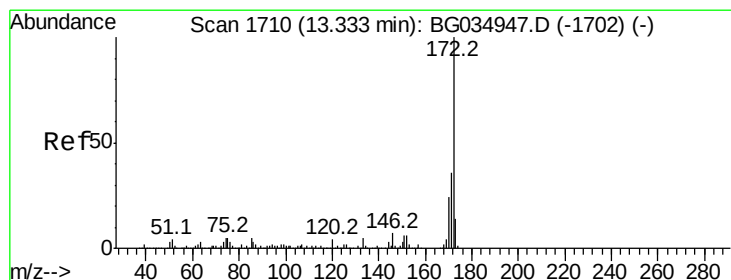
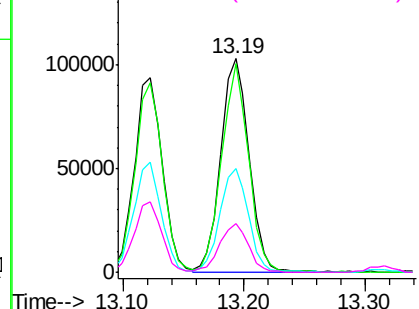
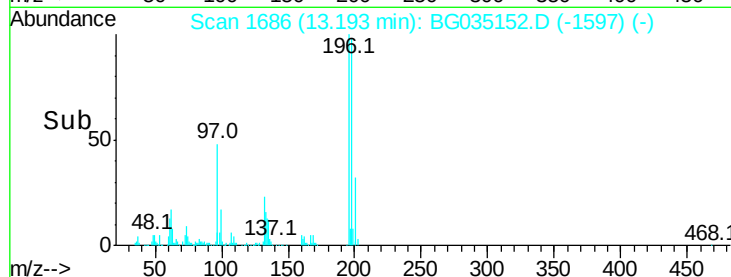
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

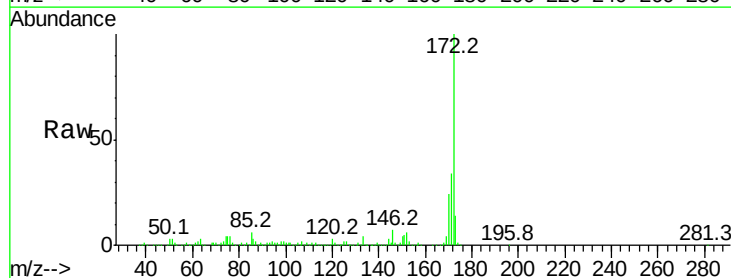
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 81.056 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	23.6	19.5	29.3

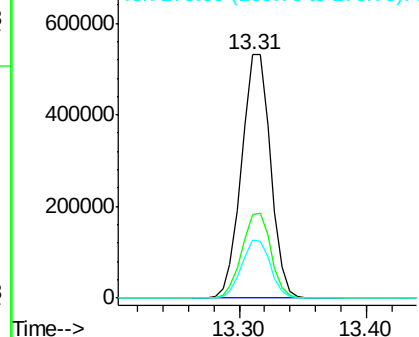
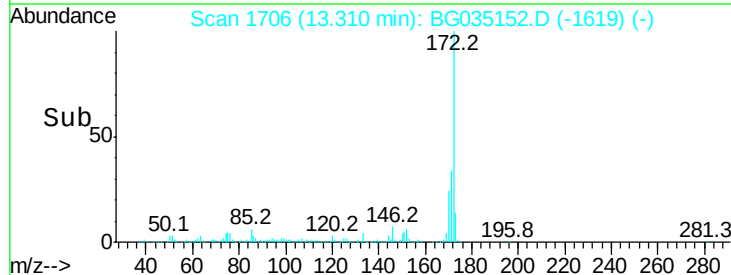


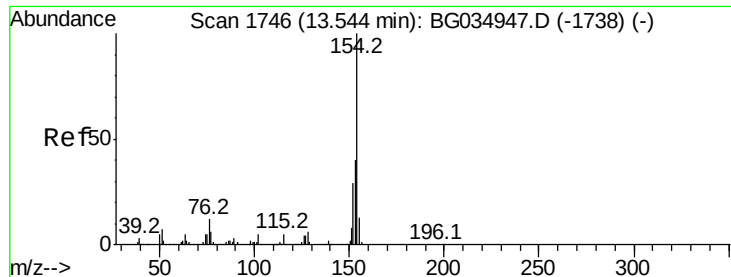
Abundance

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: 40.585 ng

RT: 13.52 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

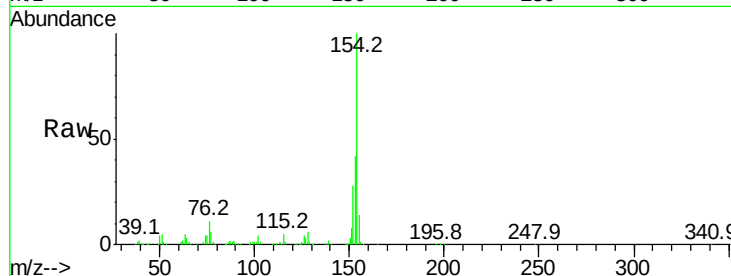
Tot Ion:154 Resp: 438859

Ion Ratio Lower Upper

154 100

153 41.7 19.8 59.8

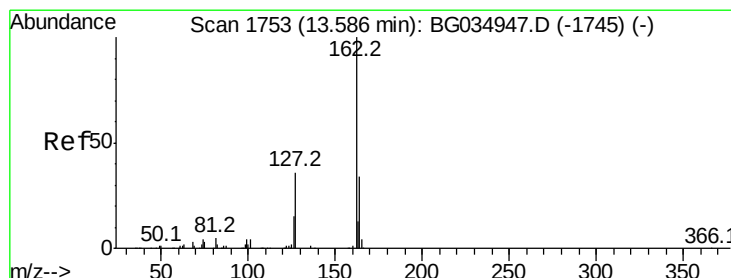
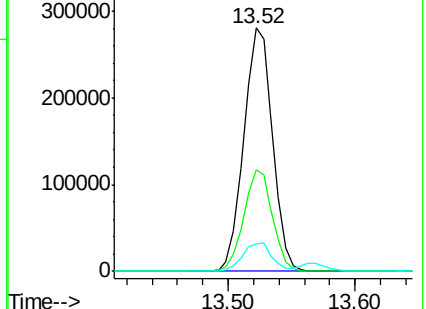
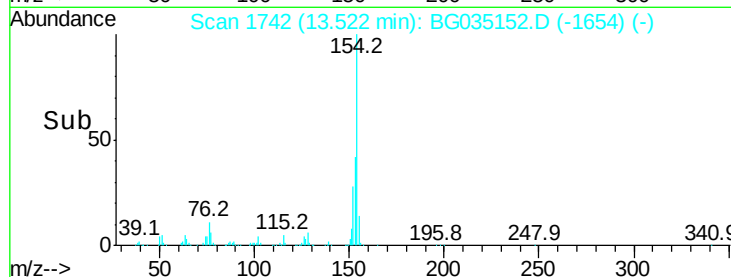
76 11.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 42.927 ng

RT: 13.57 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

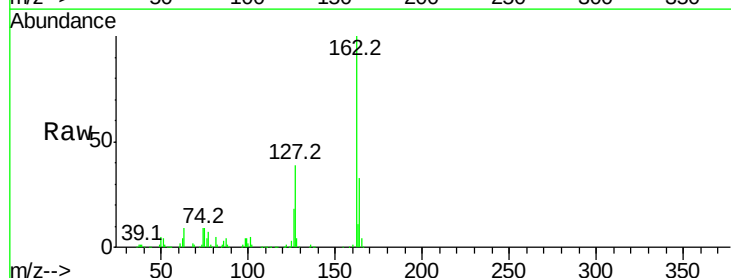
Tgt Ion:162 Resp: 350951

Ion Ratio Lower Upper

162 100

127 38.9 30.7 46.1

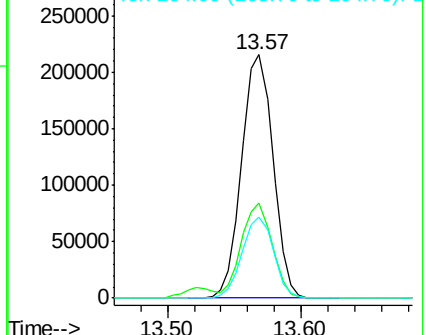
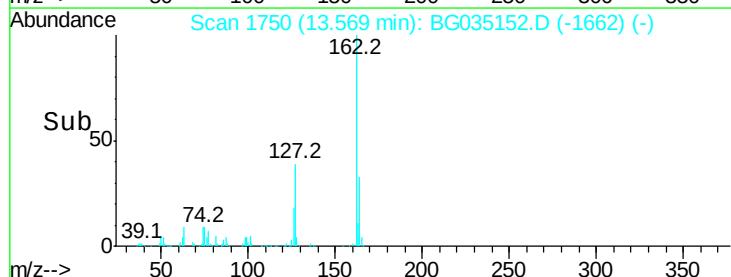
164 33.4 26.0 39.0

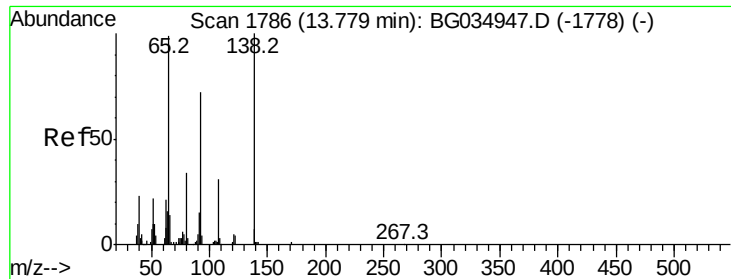


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.263 ng

RT: 13.77 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

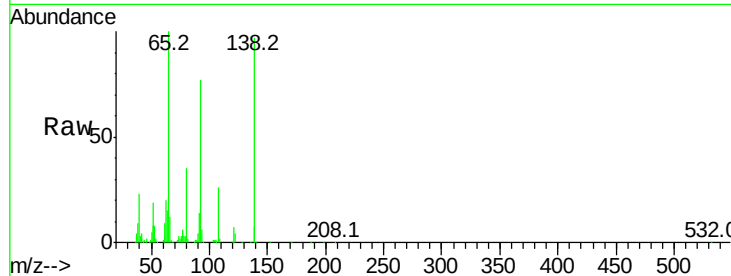
Tot Ion: 65 Resp: 123758

Ion Ratio Lower Upper

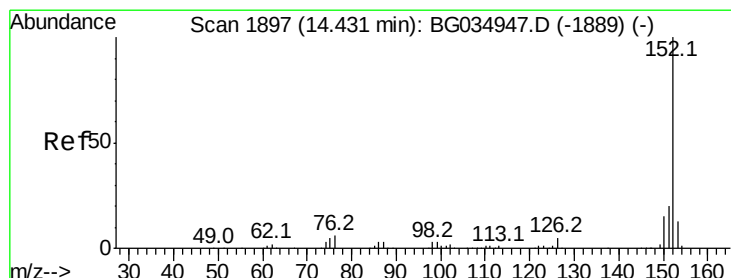
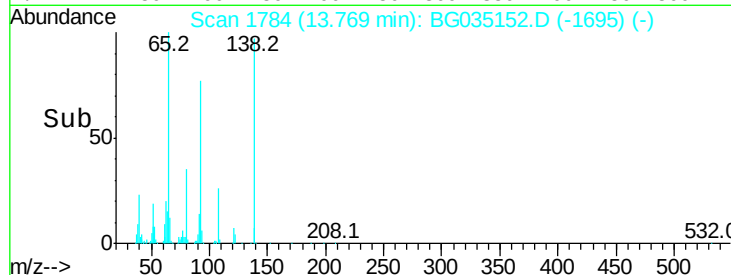
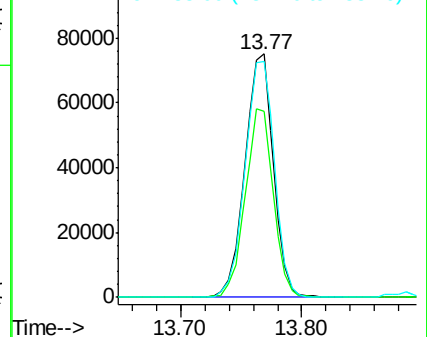
65 100

92 76.6 54.6 82.0

138 96.7 72.9 109.3



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



#48

Acenaphthylene

Concen: 43.317 ng

RT: 14.41 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

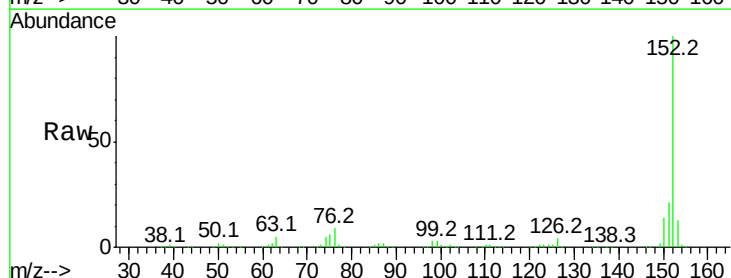
Tgt Ion: 152 Resp: 593816

Ion Ratio Lower Upper

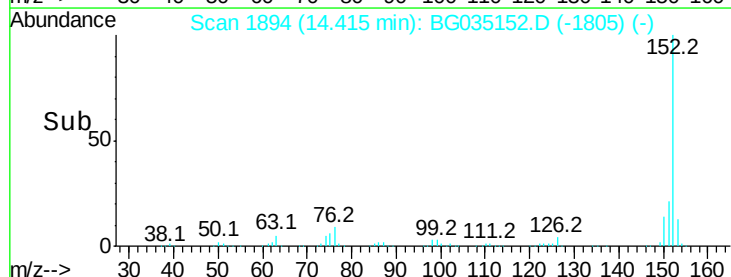
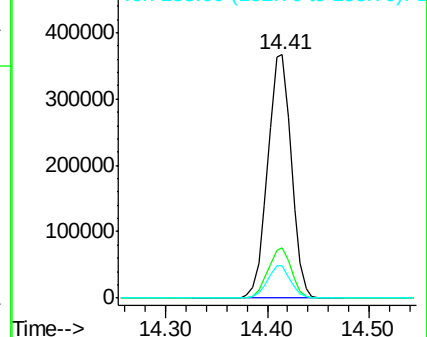
152 100

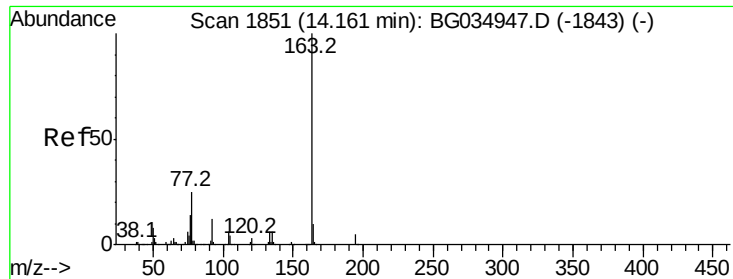
151 20.7 17.2 25.8

153 13.4 10.2 15.4



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





#49

Dimethylphthalate

Concen: 42.891 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

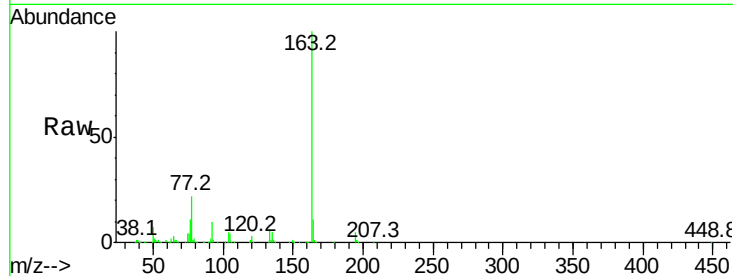
Tot Ion:163 Resp: 502971

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

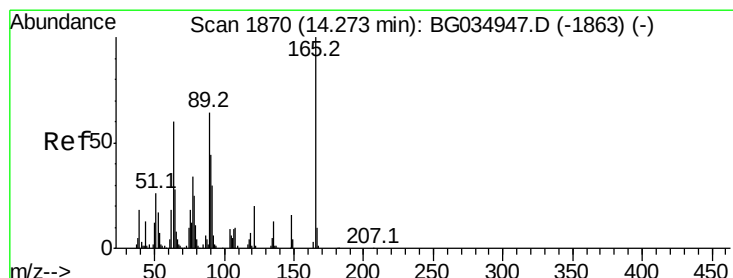
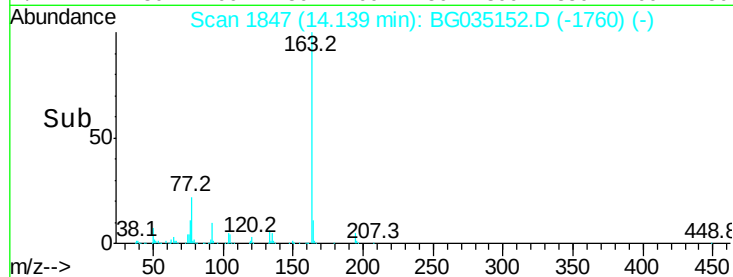
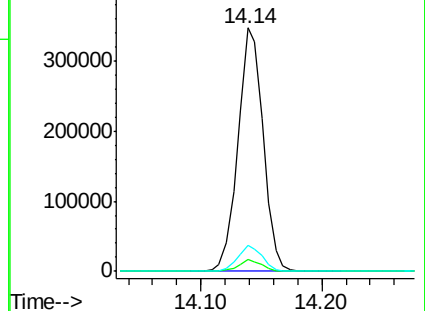
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.722 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

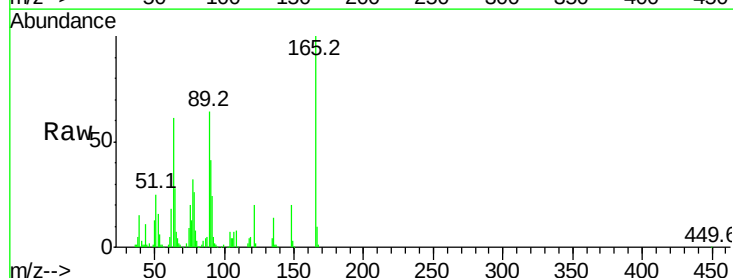
Tgt Ion:165 Resp: 112792

Ion Ratio Lower Upper

165 100

63 61.1 52.7 79.1

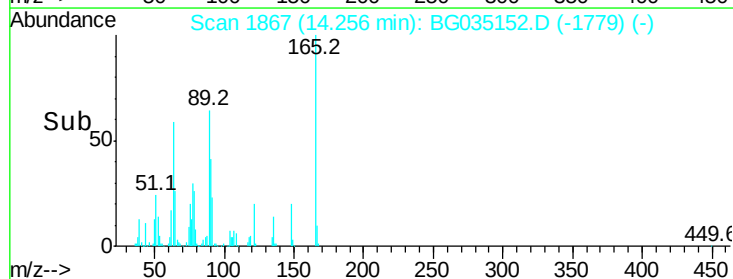
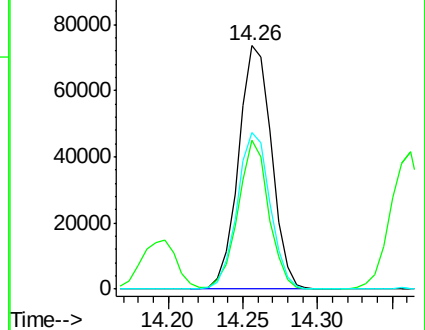
89 64.4 49.2 73.8

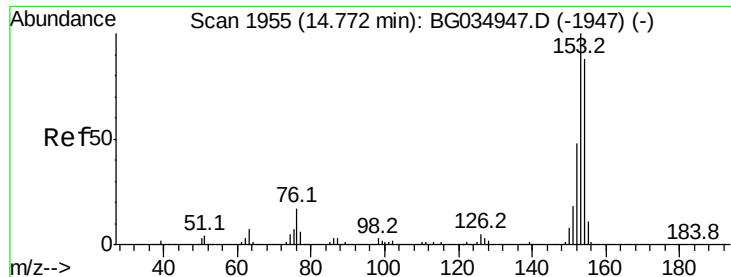


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 43.063 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

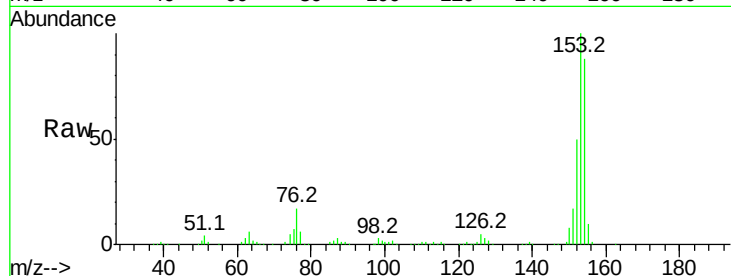
Tot Ion:154 Resp: 385713

Ion Ratio Lower Upper

154 100

153 113.7 90.4 135.6

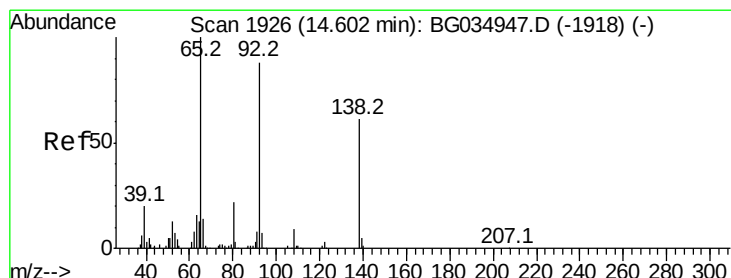
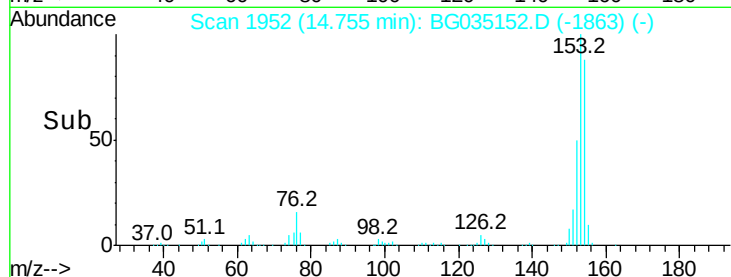
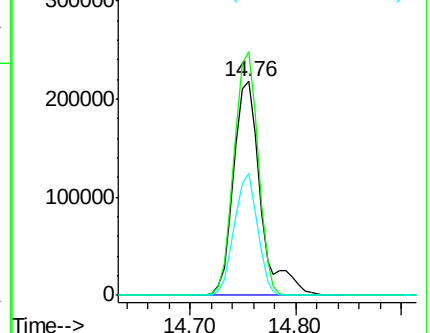
152 57.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.884 ng

RT: 14.59 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

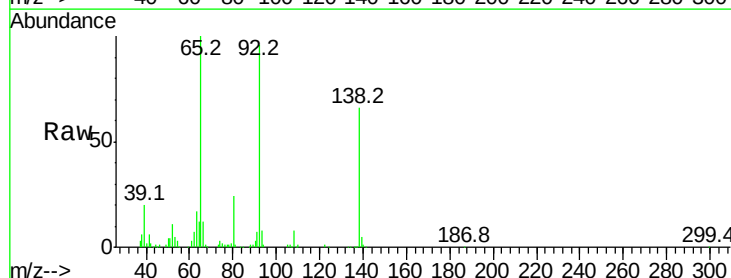
Tgt Ion:138 Resp: 69033

Ion Ratio Lower Upper

138 100

108 11.9 17.5 26.3#

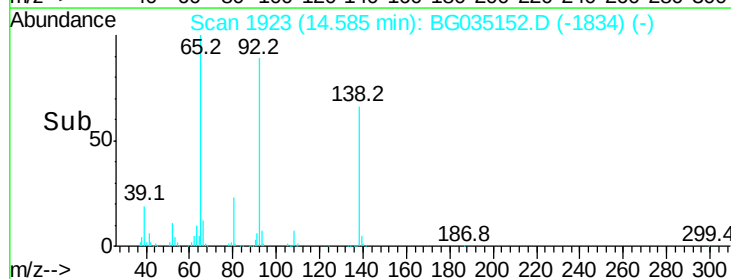
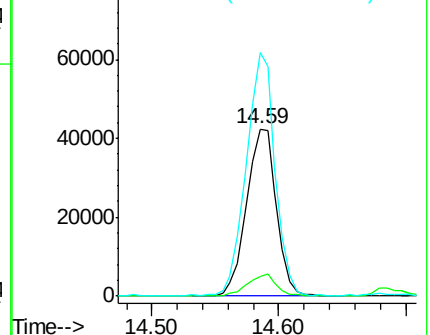
92 145.5 105.8 158.8

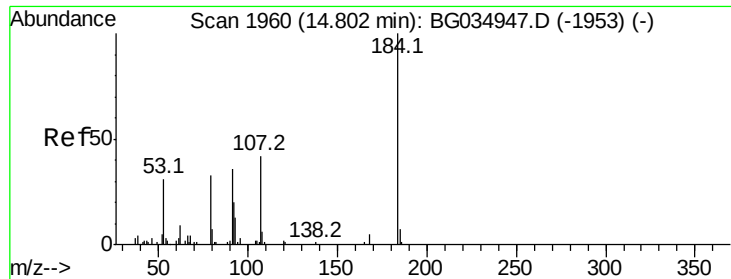


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 61.713 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

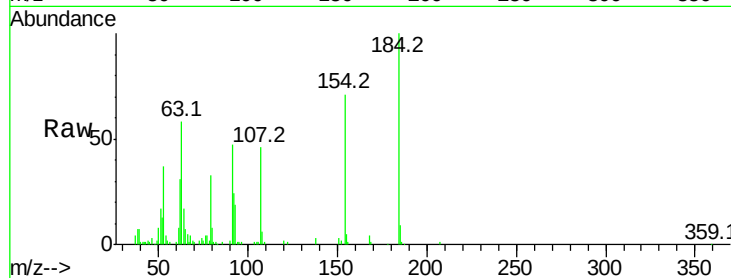
Tot Ion:184 Resp: 53432

Ion Ratio Lower Upper

184 100

63 57.7 59.8 89.8#

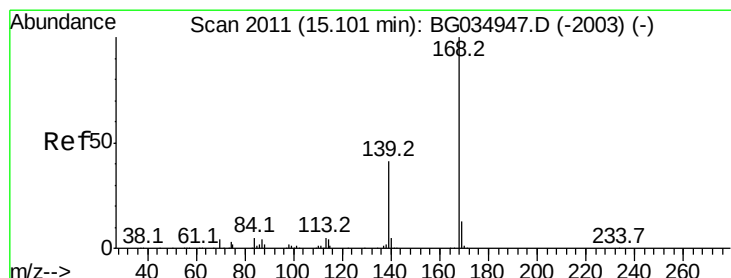
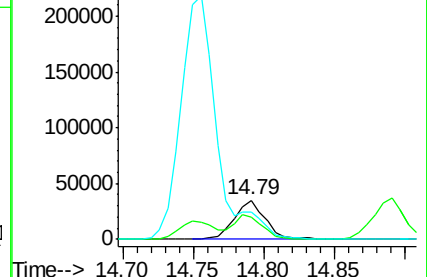
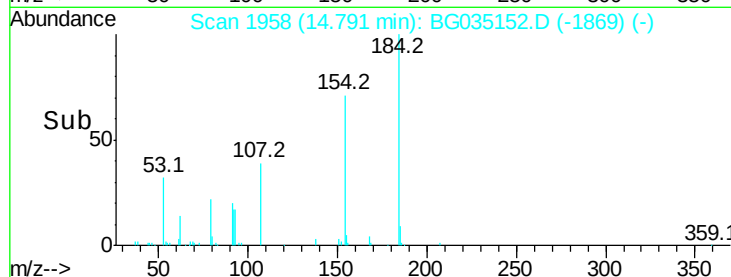
154 71.5 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.284 ng

RT: 15.08 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

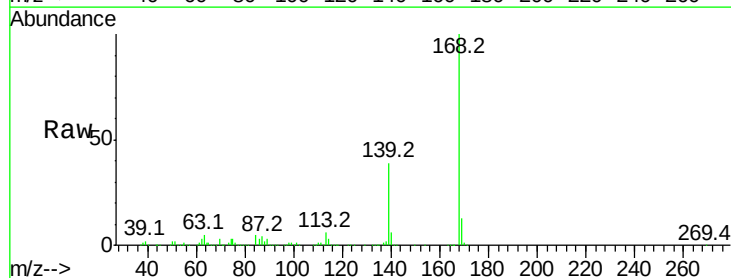
Tgt Ion:168 Resp: 594055

Ion Ratio Lower Upper

168 100

139 39.1 28.6 43.0

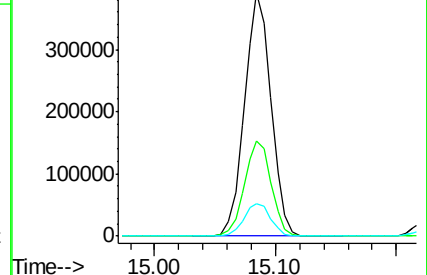
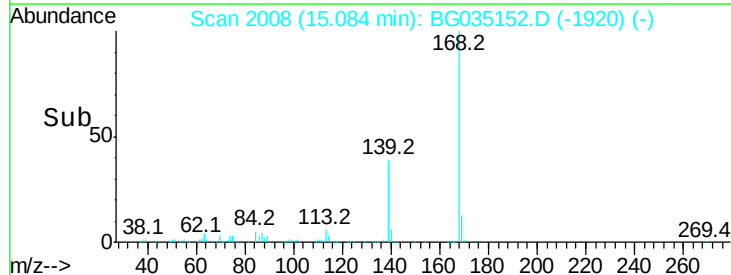
169 13.5 11.2 16.8

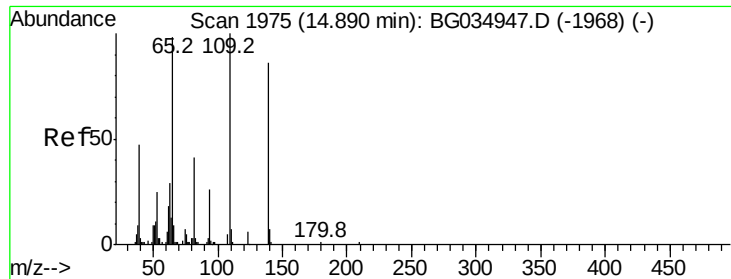


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 92.668 ng

RT: 14.89 min Scan# 1975

Delta R.T. 0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

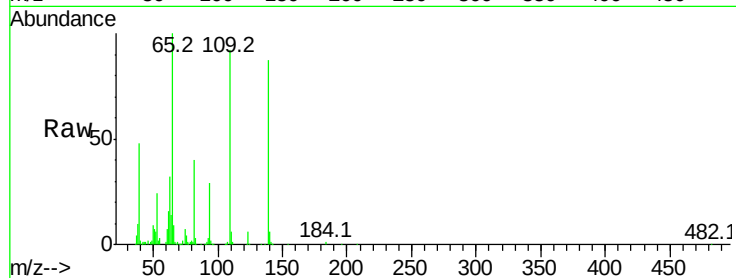
Tot Ion:139 Resp: 164182

Ion Ratio Lower Upper

139 100

109 106.3 62.2 102.2#

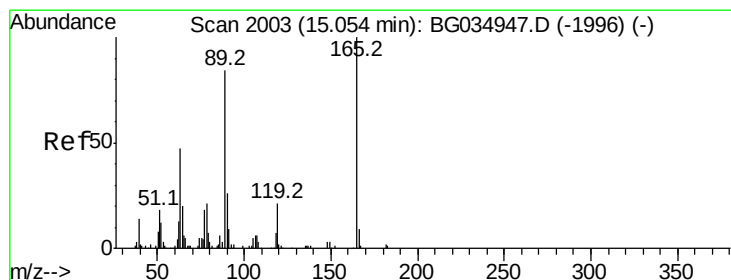
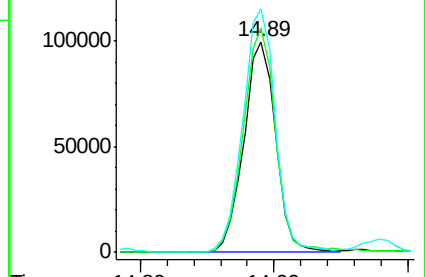
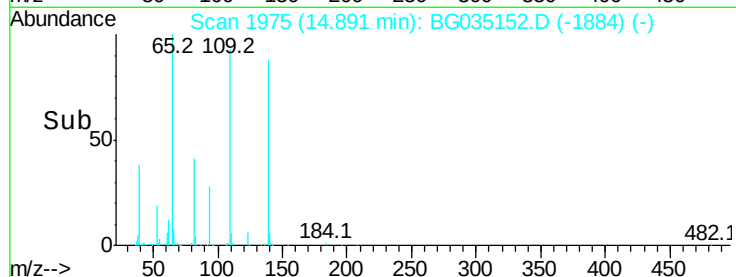
65 115.5 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 59.270 ng

RT: 15.04 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Tgt Ion:165 Resp: 168440

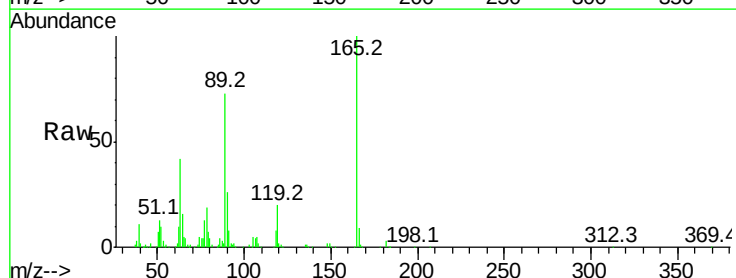
Ion Ratio Lower Upper

165 100

63 42.3 42.0 63.0

89 72.6 66.9 100.3

182 2.6 2.6 3.8

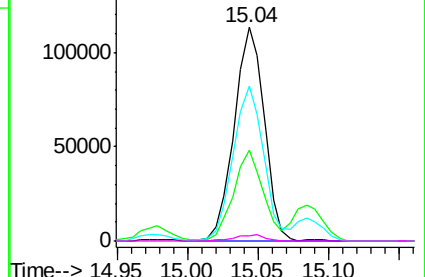
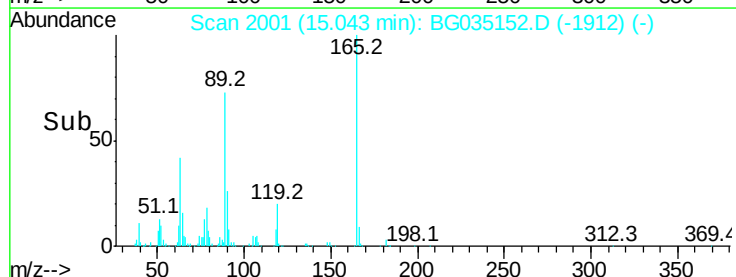


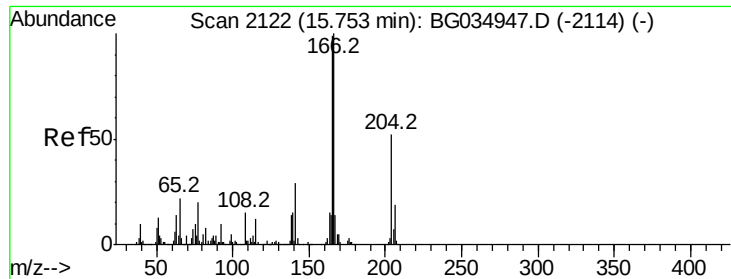
Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.761 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

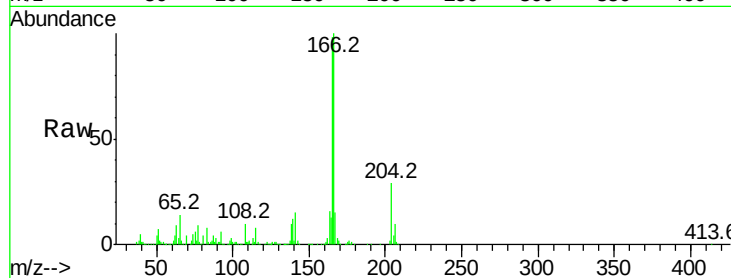
Tot Ion:166 Resp: 490602

Ion Ratio Lower Upper

166 100

165 97.9 80.6 121.0

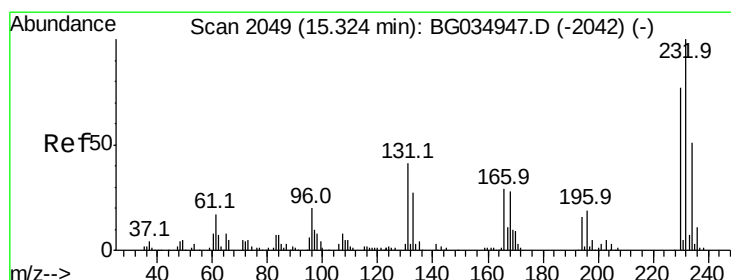
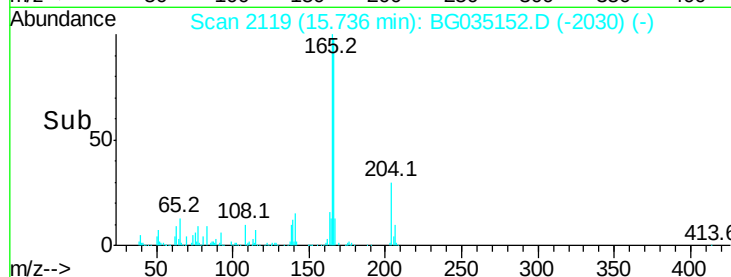
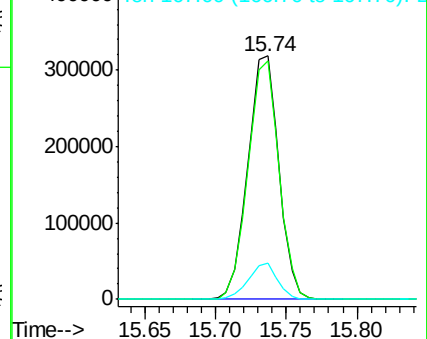
167 15.0 10.4 15.6



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: 53.511 ng

RT: 15.31 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Tgt Ion:232 Resp: 171129

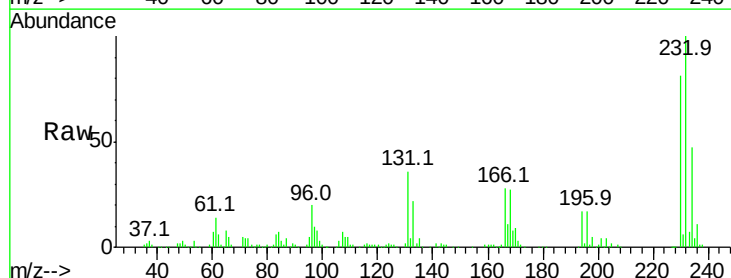
Ion Ratio Lower Upper

232 100

131 38.5 33.5 50.3

130 1.9 2.2 3.2#

166 28.2 24.8 37.2

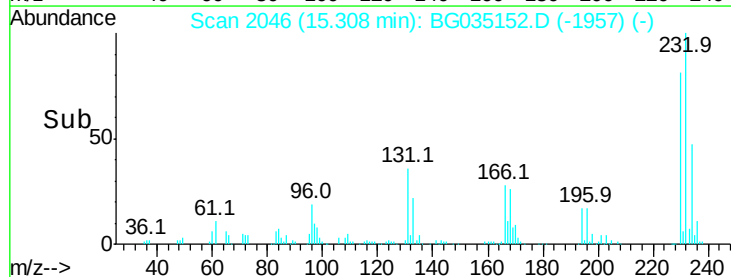
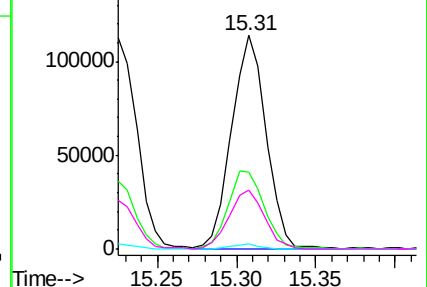


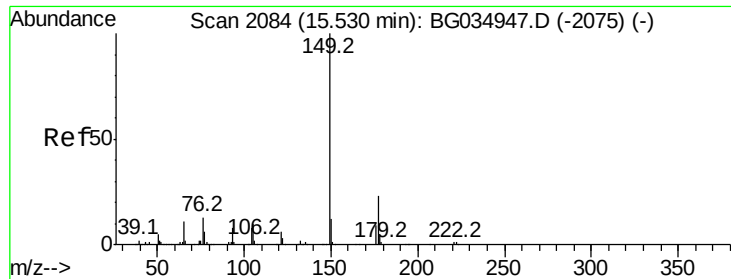
Abundance Ion 232.00 (231.70 to 232.70): E

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

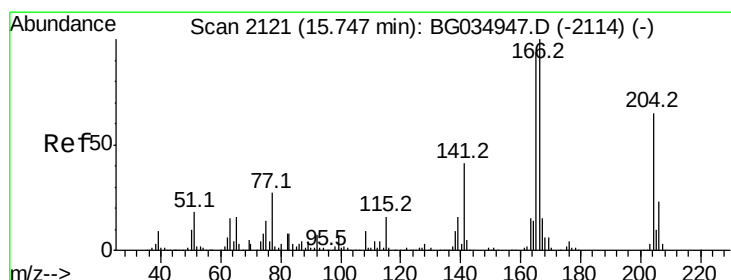
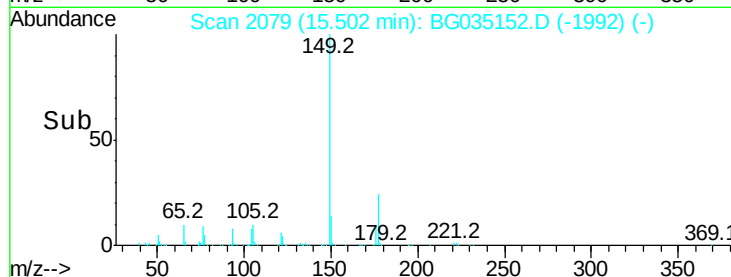
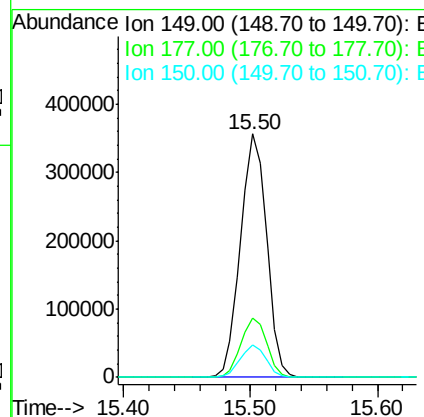
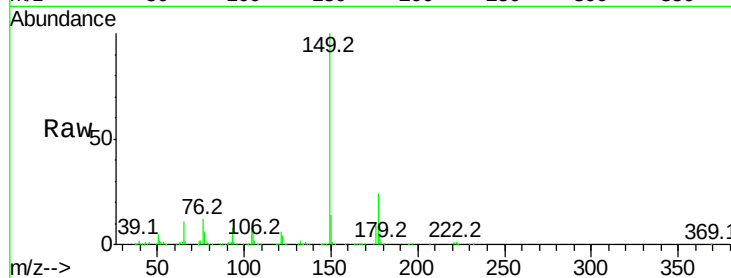




#59
Diethylphthalate
Concen: 42.445 ng
RT: 15.50 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

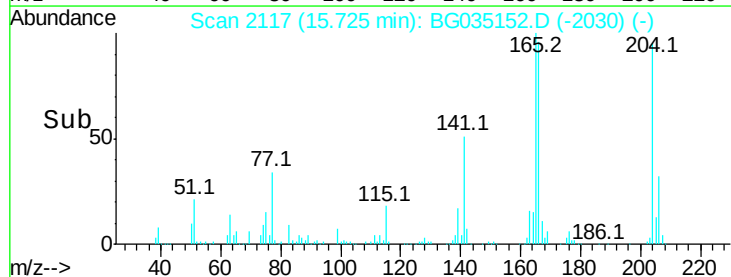
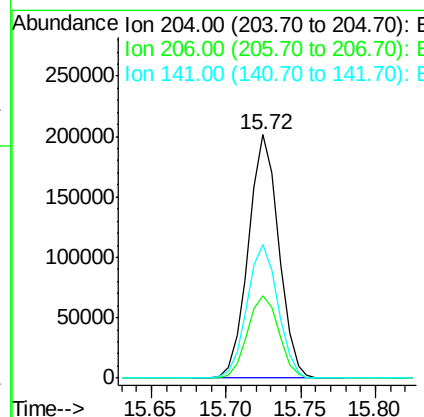
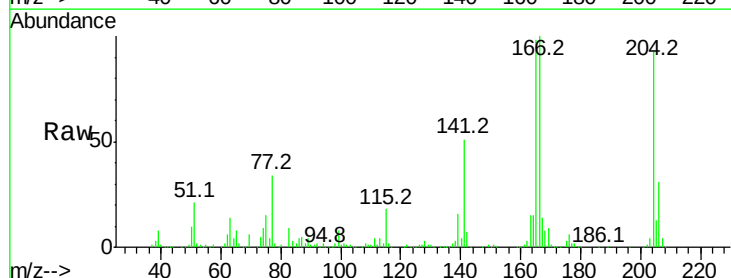
Instrument :
BNA_G
ClientSampleId :
PB110221BSD

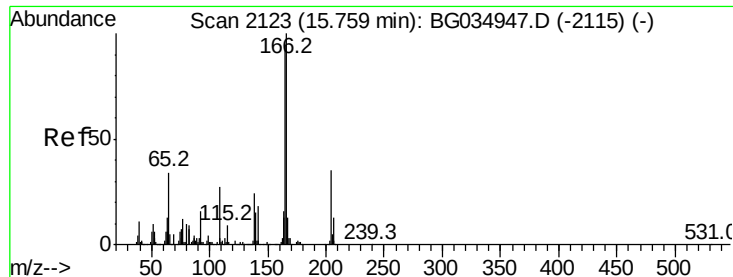
Tot Ion:149 Resp: 507827
Ion Ratio Lower Upper
149 100
177 24.3 18.5 27.7
150 13.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.117 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

Tgt Ion:204 Resp: 282032
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 54.8 45.8 68.6

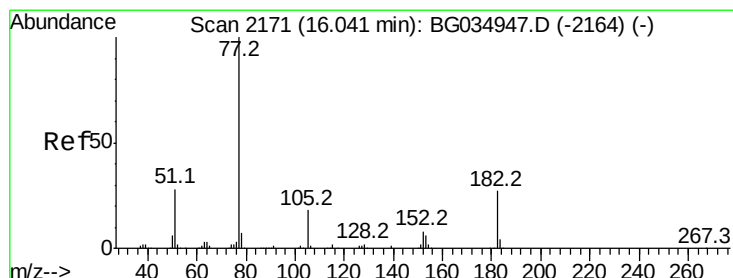
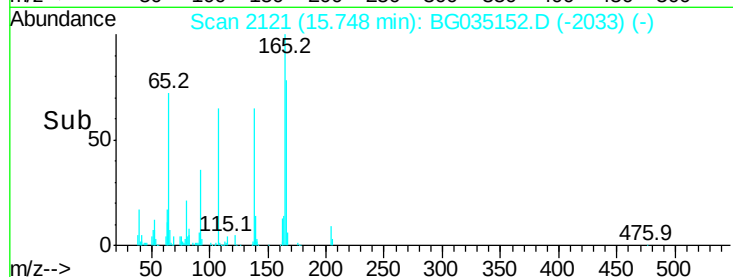
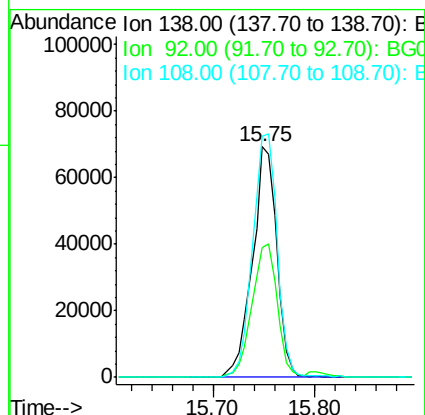
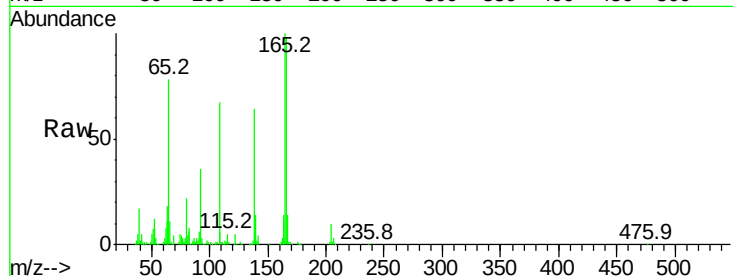




#61
4-Nitroaniline
Concen: 51.486 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

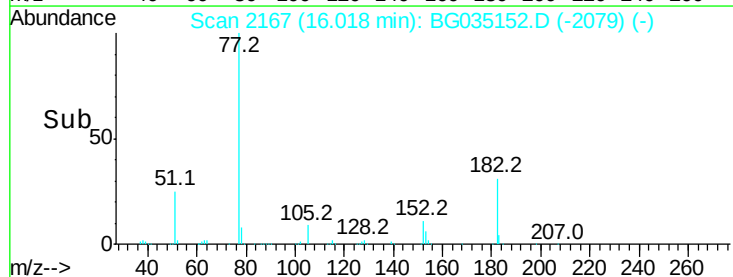
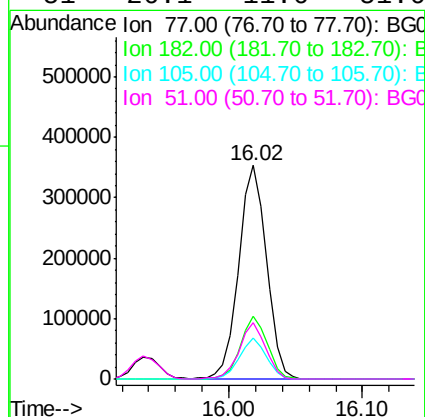
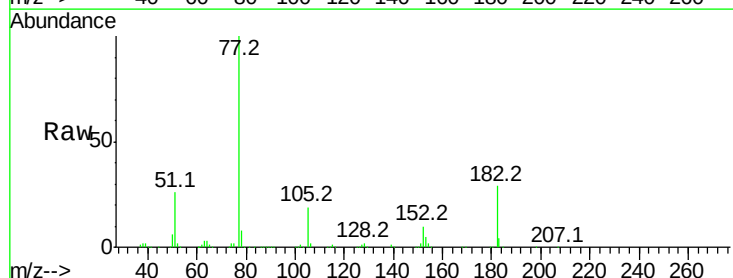
Instrument :
BNA_G
ClientSampleId :
PB110221BSD

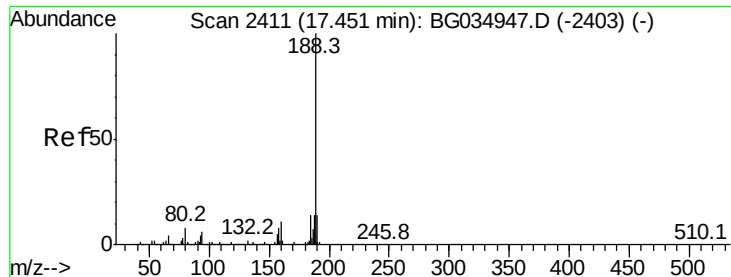
Tot Ion:138 Resp: 115912
Ion Ratio Lower Upper
138 100
92 56.1 40.1 80.1
108 104.7 65.4 105.4



#62
Azobenzene
Concen: 43.419 ng
RT: 16.02 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

Tgt Ion: 77 Resp: 509057
Ion Ratio Lower Upper
77 100
182 29.4 7.4 47.4
105 19.1 0.3 40.3
51 26.1 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

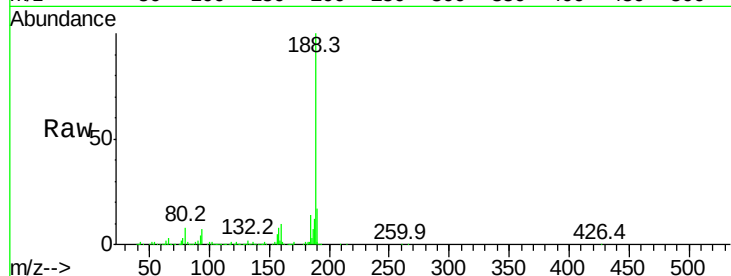
Tot Ion:188 Resp: 375757

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

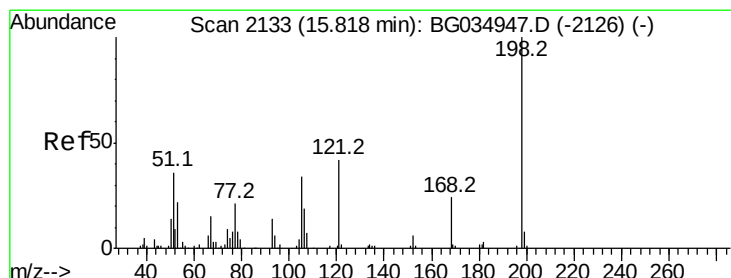
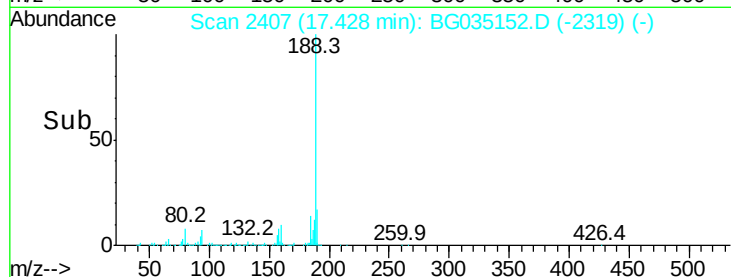
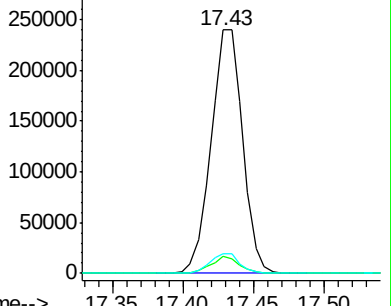
80 8.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 38.112 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

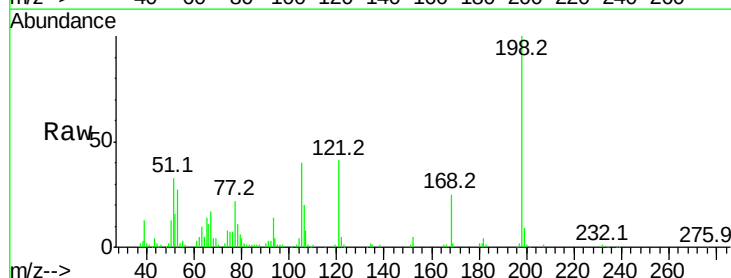
Tgt Ion:198 Resp: 65384

Ion Ratio Lower Upper

198 100

51 32.8 30.6 70.6

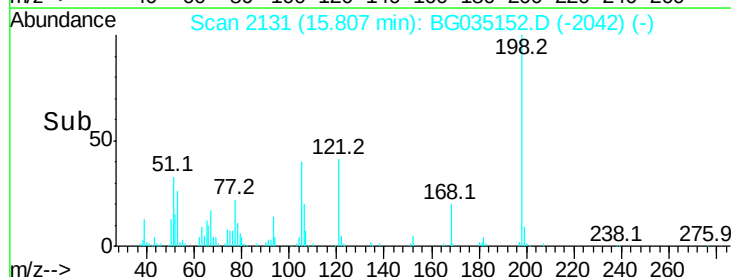
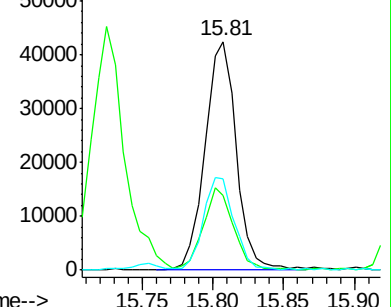
105 39.8 23.8 63.8

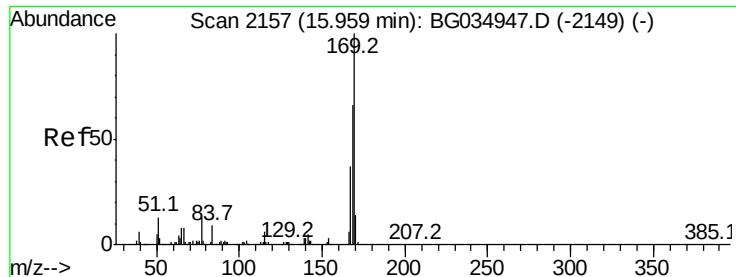


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.191 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

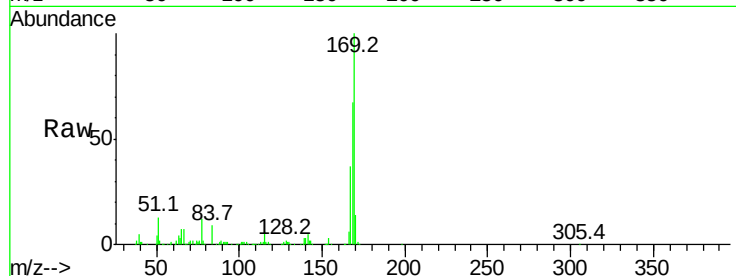
Tot Ion:169 Resp: 442251

Ion Ratio Lower Upper

169 100

168 67.3 55.7 83.5

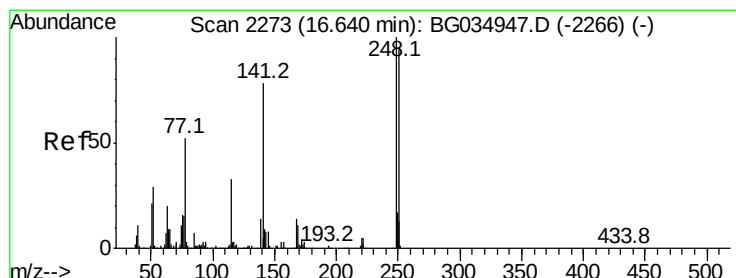
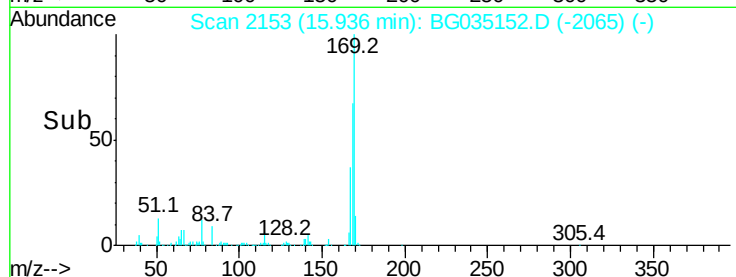
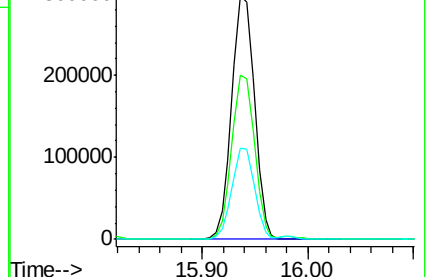
167 37.4 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.748 ng

RT: 16.62 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

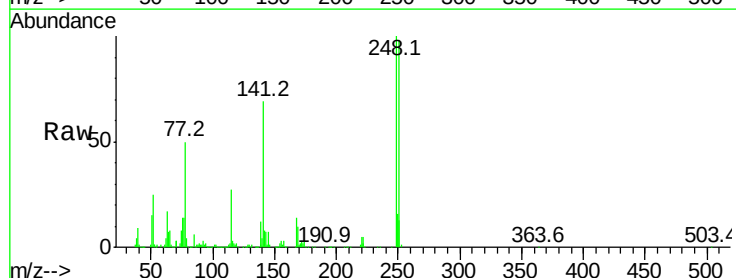
Tgt Ion:248 Resp: 197960

Ion Ratio Lower Upper

248 100

250 98.1 77.1 115.7

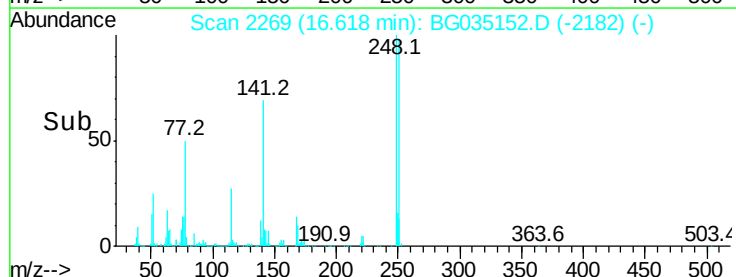
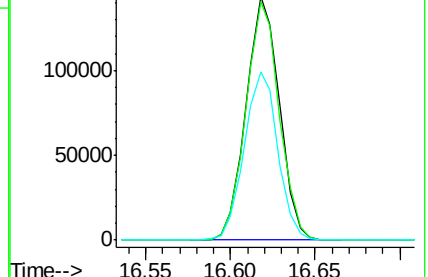
141 69.3 50.8 76.2

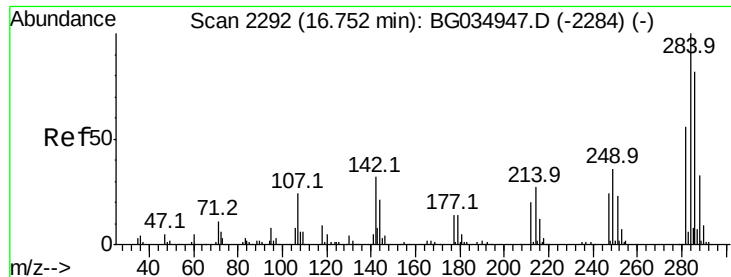


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

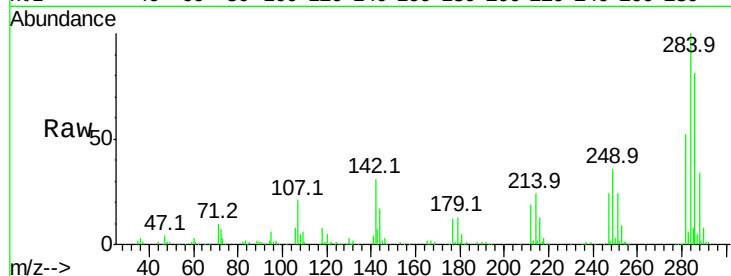




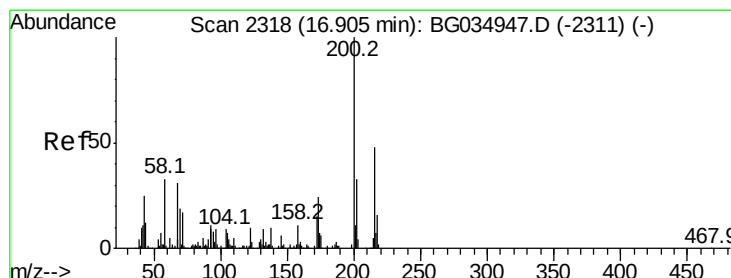
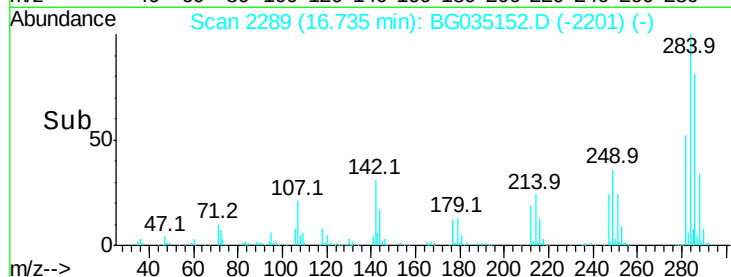
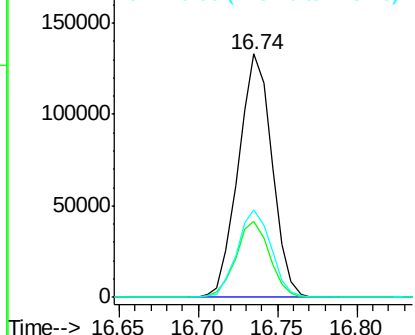
#67
Hexachlorobenzene
Concen: 42.572 ng
RT: 16.74 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

Instrument :
BNA_G
ClientSampleId :
PB110221BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.9	26.8	40.2
249	35.9	26.3	39.5

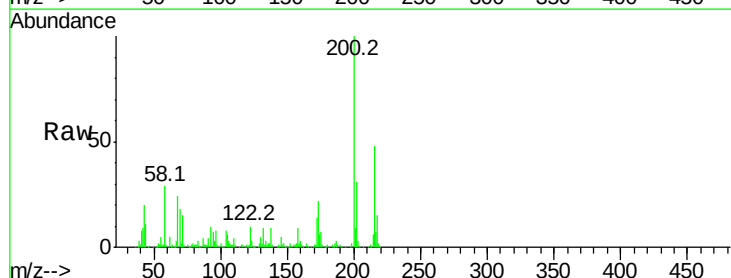


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

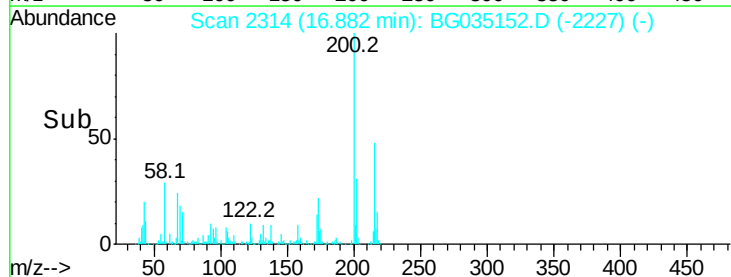
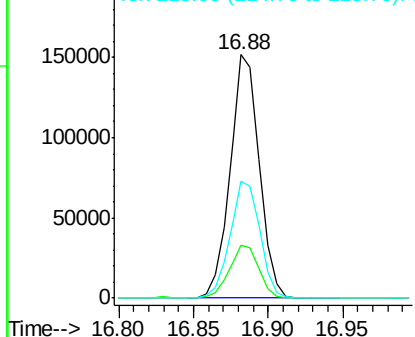


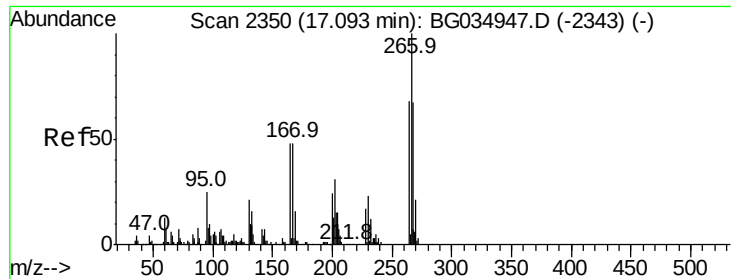
#68
Atrazine
Concen: 43.070 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.9	5.2	45.2
215	47.8	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

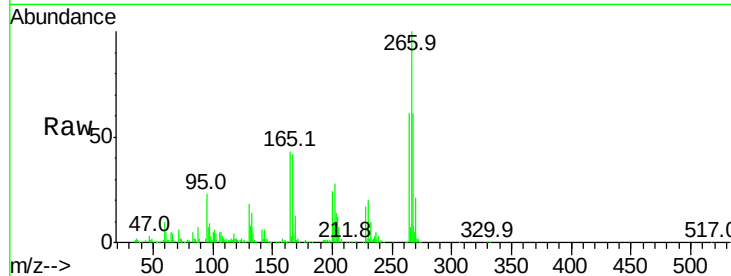




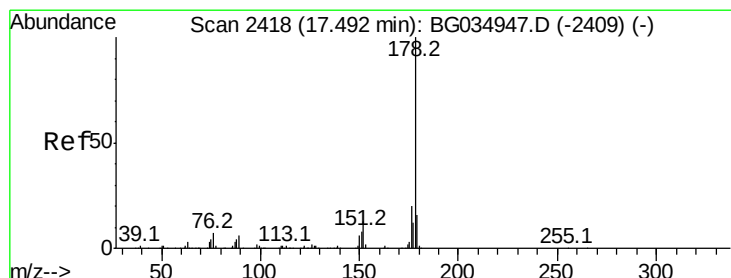
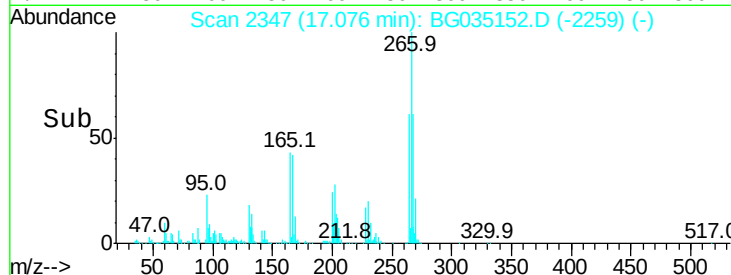
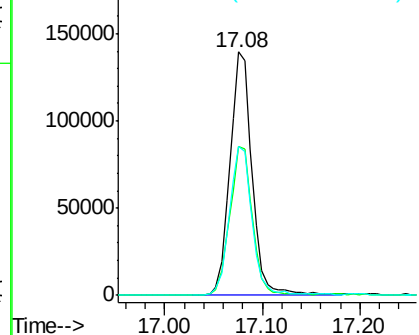
#69
 Pentachlorophenol
 Concen: 71.036 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG035152.D
 Acq: 15 Jun 2018 00:21

Instrument :
 BNA_G
 ClientSampleId :
 PB110221BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.1	76.7
264	61.2	49.6	74.4

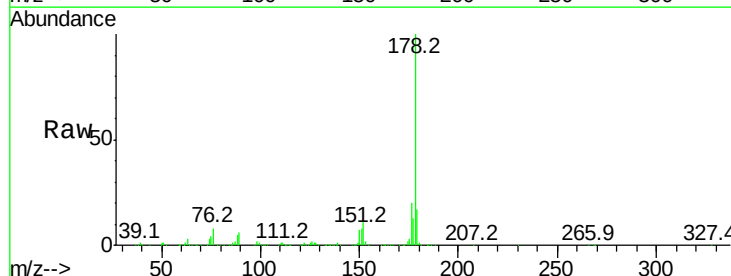


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

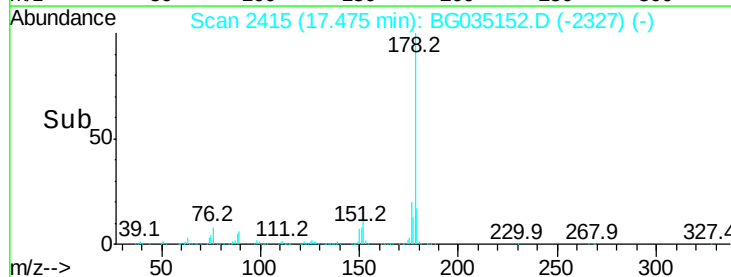
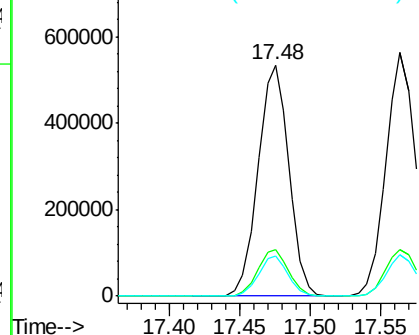


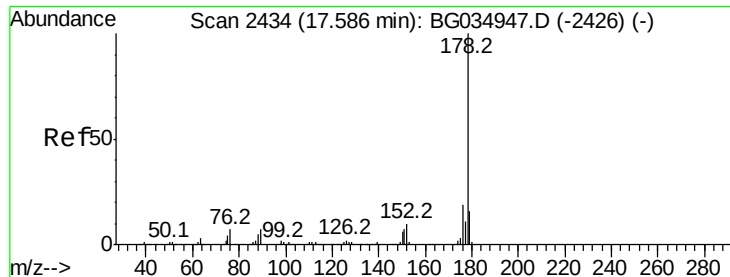
#70
 Phenanthrene
 Concen: 42.899 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG035152.D
 Acq: 15 Jun 2018 00:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	17.4	12.5	18.7



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





#71

Anthracene

Concen: 43.340 ng

RT: 17.56 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

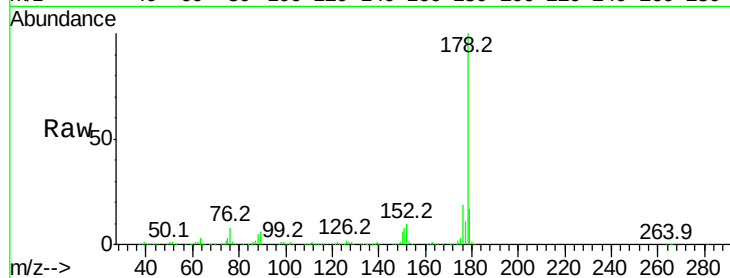
Tot Ion:178 Resp: 828652

Ion Ratio Lower Upper

178 100

176 18.9 16.0 24.0

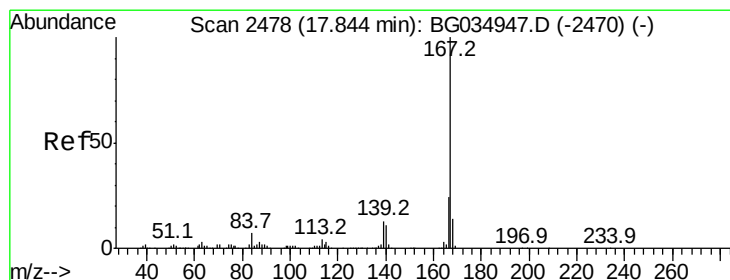
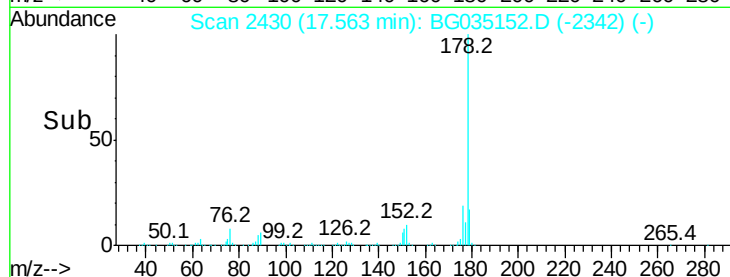
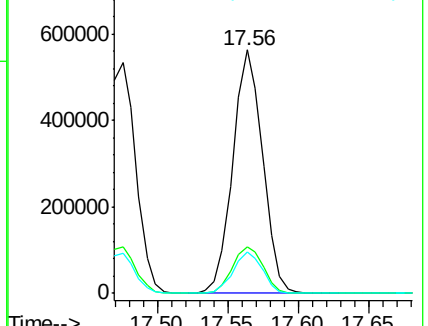
179 17.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.928 ng

RT: 17.83 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

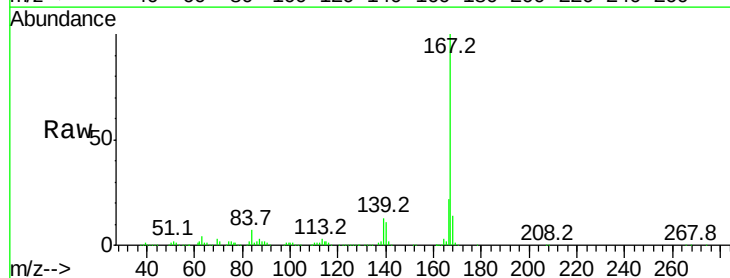
Tgt Ion:167 Resp: 743816

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.4

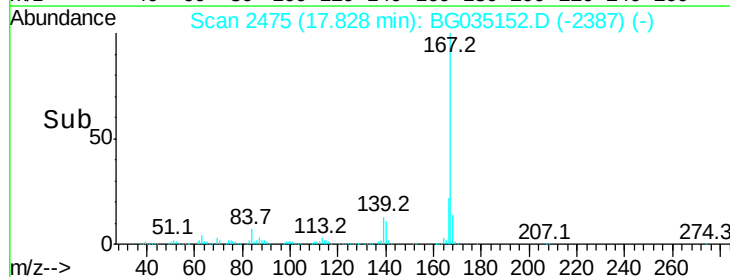
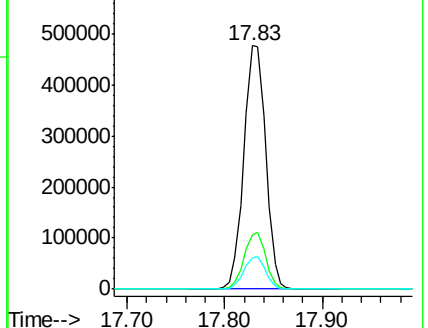
139 12.9 9.4 14.2

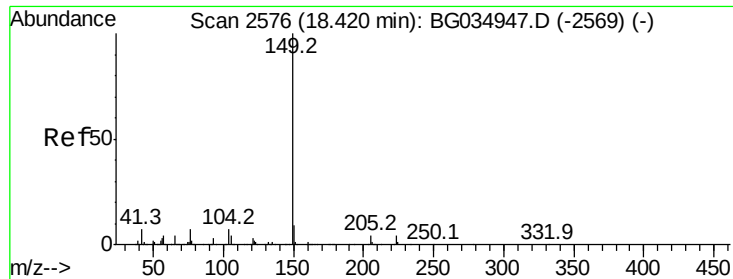


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.370 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.02 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

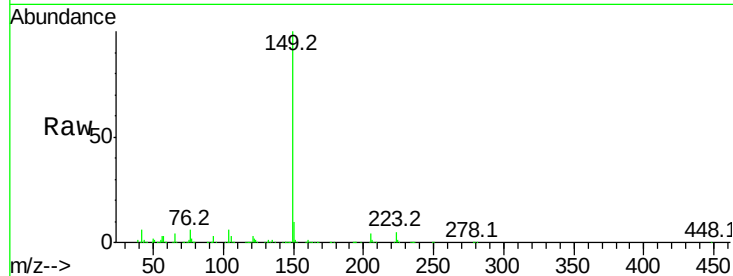
Tot Ion:149 Resp: 853616

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

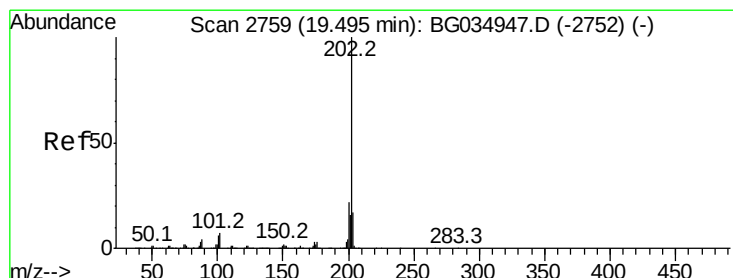
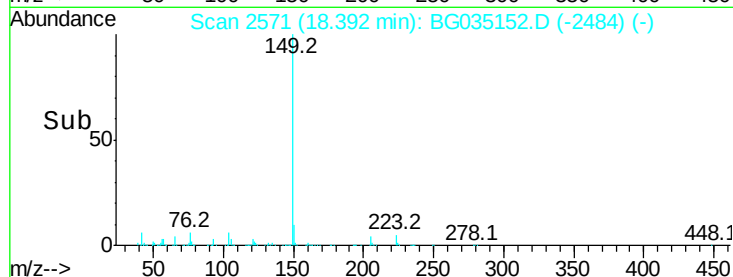
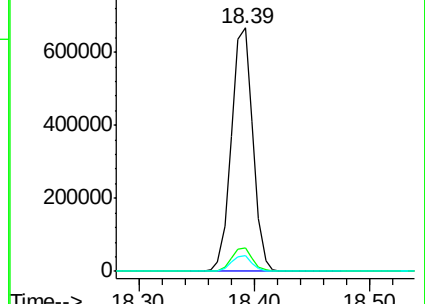
104 6.3 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.617 ng

RT: 19.48 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

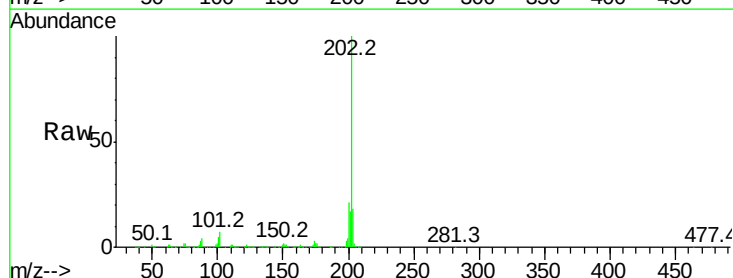
Tgt Ion:202 Resp: 1058528

Ion Ratio Lower Upper

202 100

101 6.6 0.0 28.9

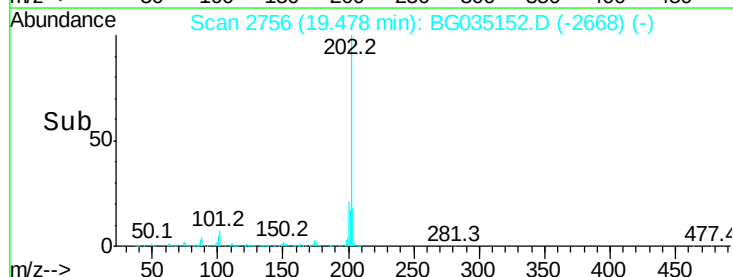
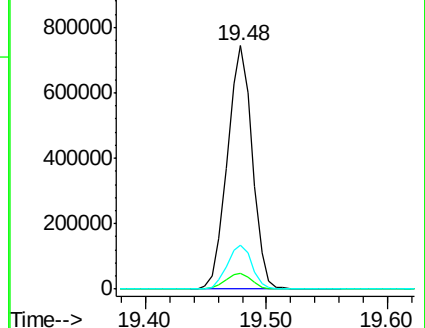
203 18.2 0.0 37.5

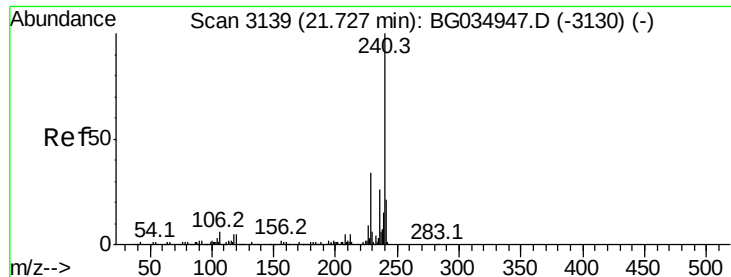


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

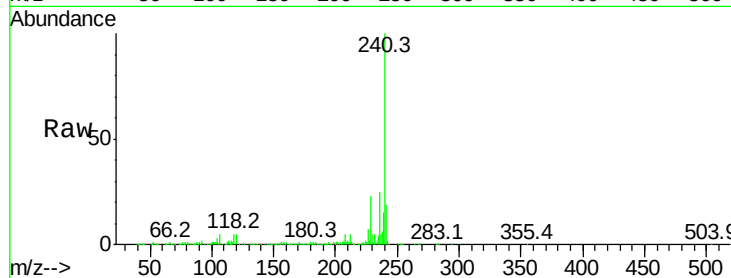
Tot Ion:240 Resp: 393714

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

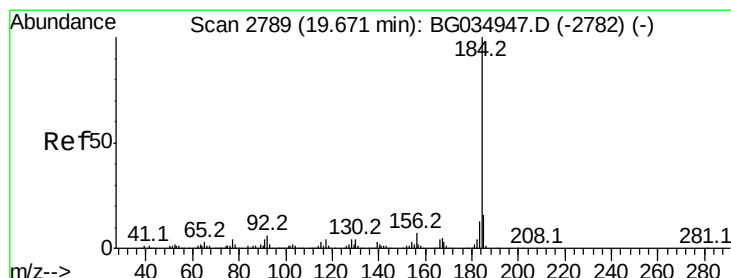
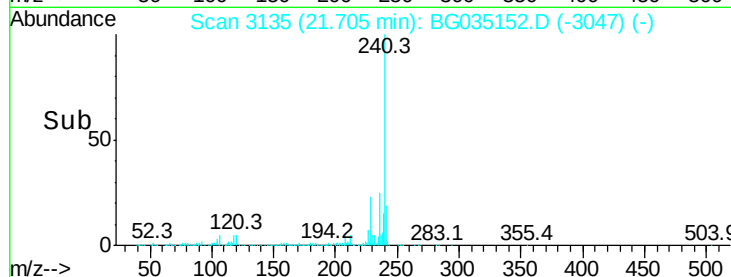
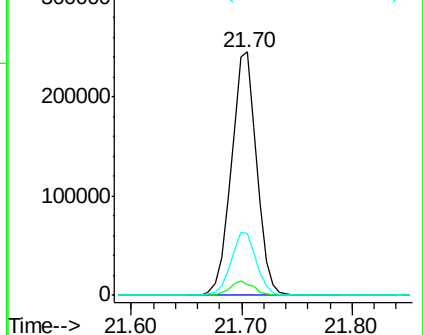
236 25.4 20.9 31.3



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: 26.938 ng

RT: 19.65 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

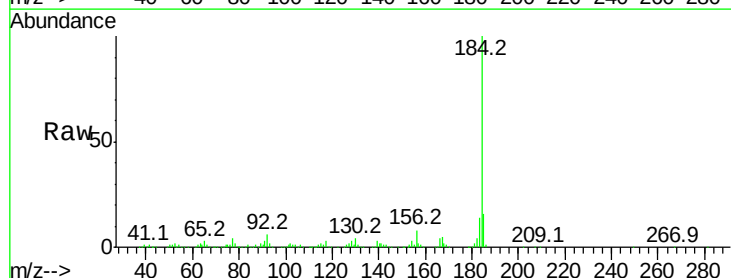
Tgt Ion:184 Resp: 394580

Ion Ratio Lower Upper

184 100

185 16.0 11.1 16.7

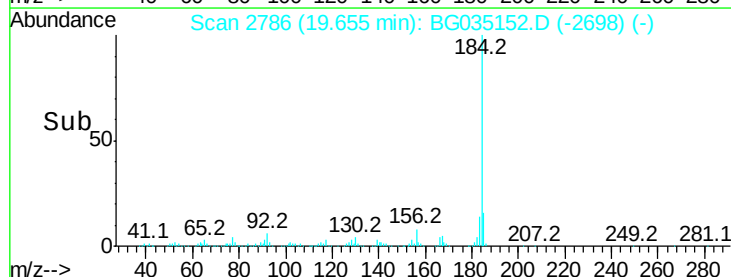
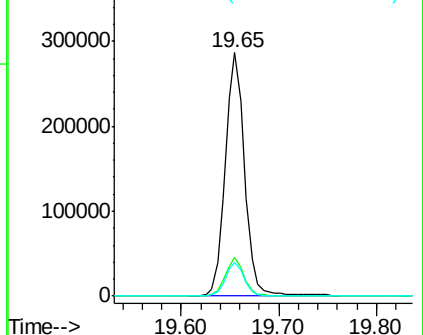
183 13.8 10.6 16.0

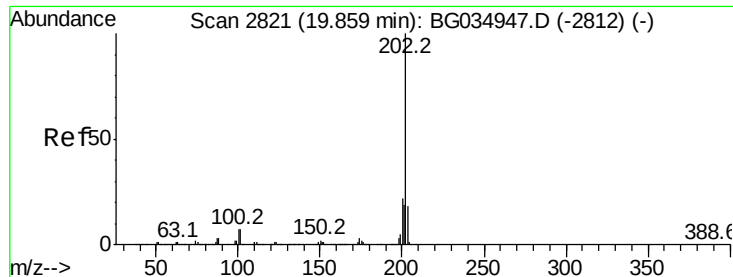


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.163 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

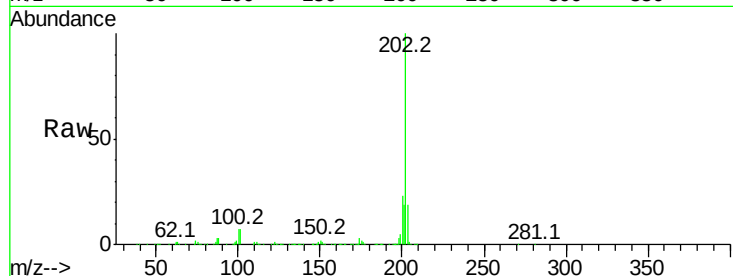
Tot Ion:202 Resp: 1042450

Ion Ratio Lower Upper

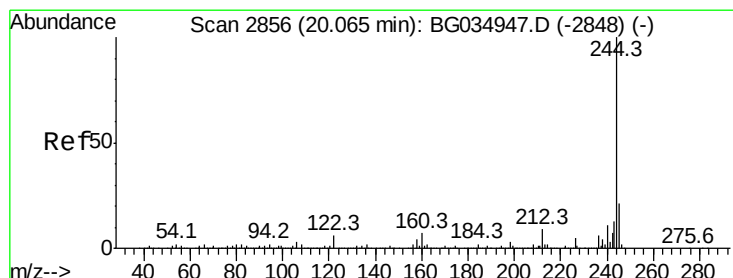
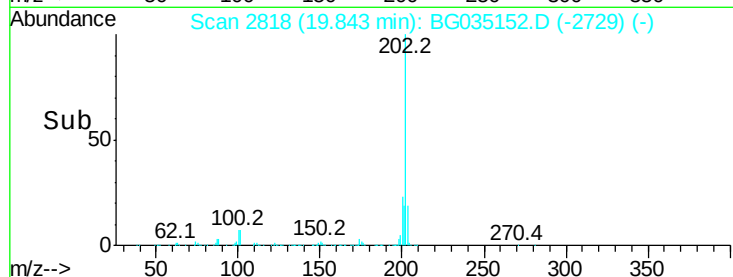
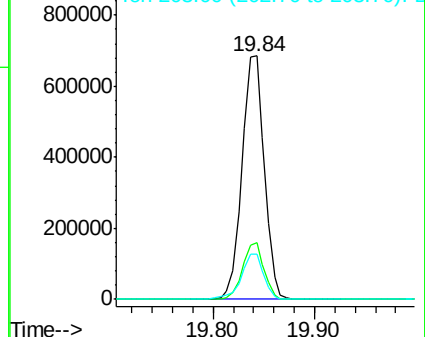
202 100

200 23.3 16.9 25.3

203 18.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.843 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

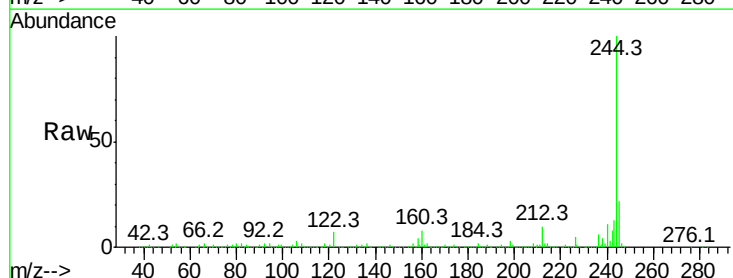
Tgt Ion:244 Resp: 1538315

Ion Ratio Lower Upper

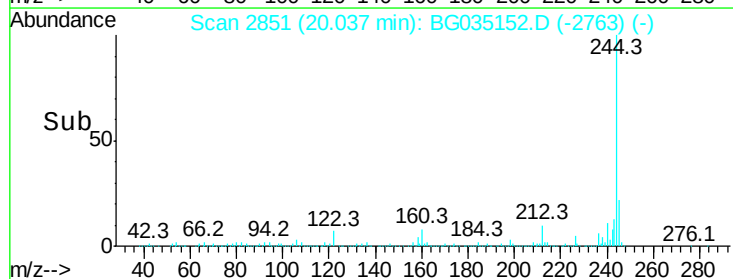
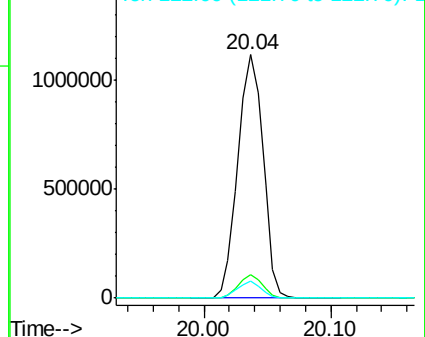
244 100

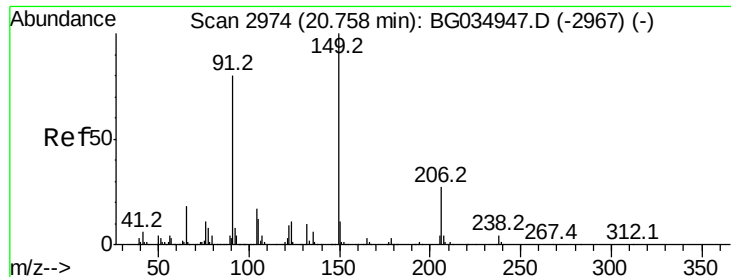
212 9.7 5.8 8.8#

122 7.1 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

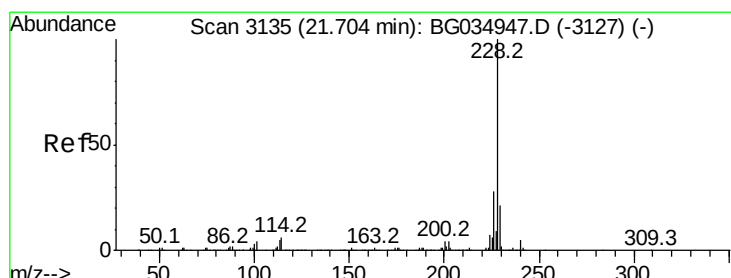
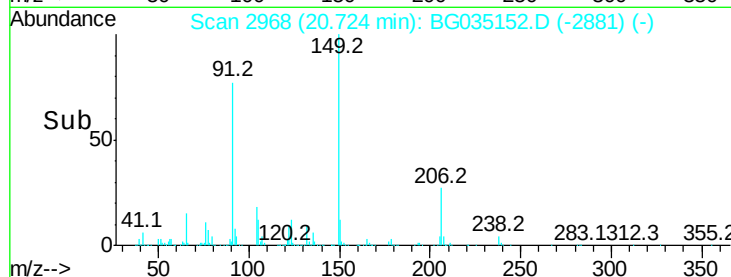
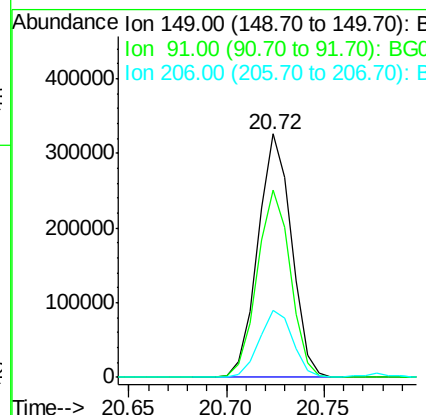
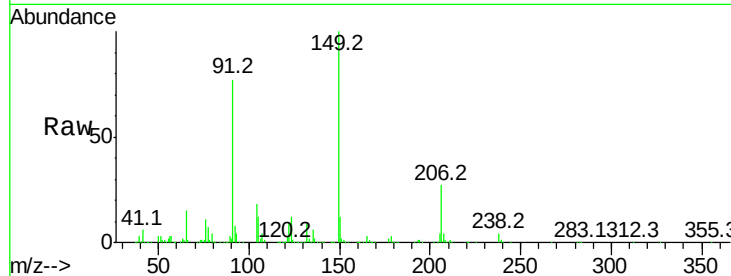




#79
Butylbenzylphthalate
Concen: 41.175 ng
RT: 20.72 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

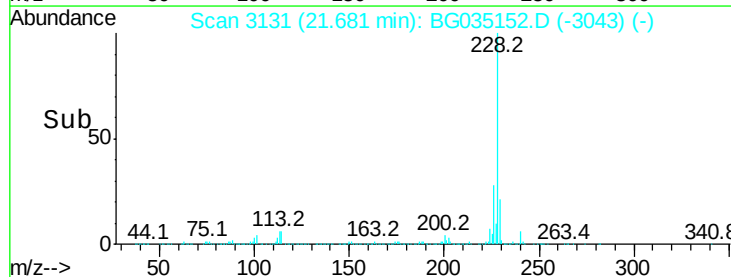
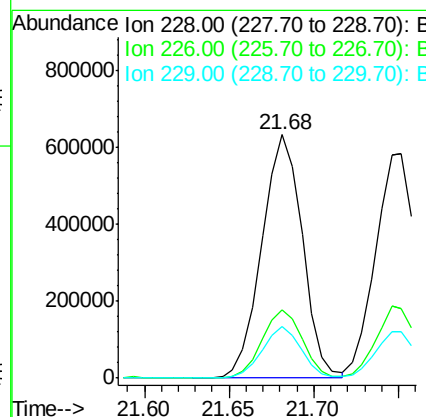
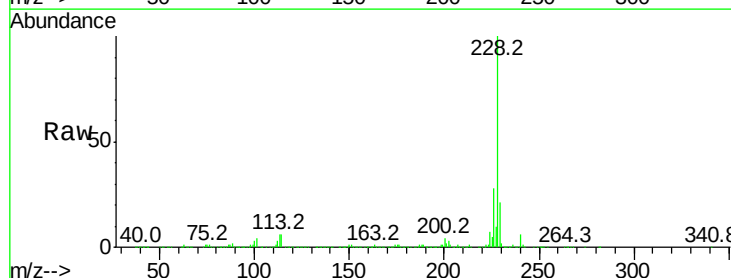
Instrument :
BNA_G
ClientSampleId :
PB110221BSD

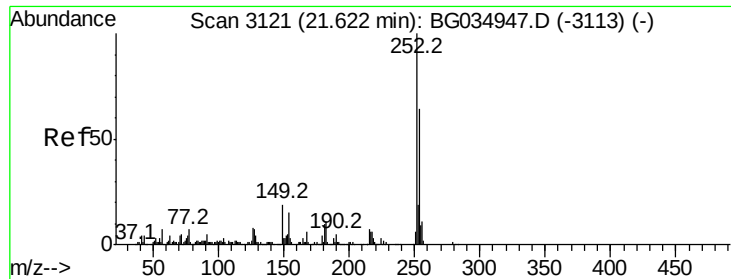
Tot Ion:149 Resp: 388067
Ion Ratio Lower Upper
149 100
91 76.7 62.2 93.2
206 27.3 18.6 27.8



#80
Benzo(a)anthracene
Concen: 41.997 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG035152.D
Acq: 15 Jun 2018 00:21

Tgt Ion:228 Resp: 1056623
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 21.2 16.2 24.2

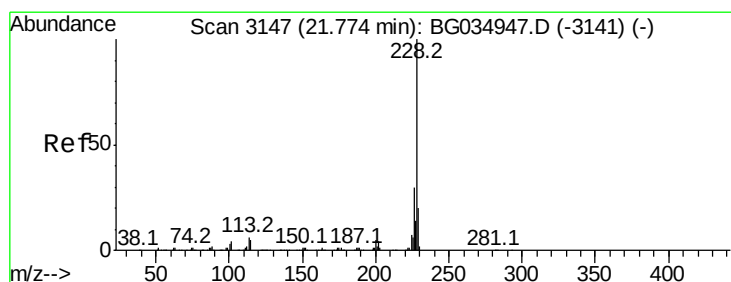
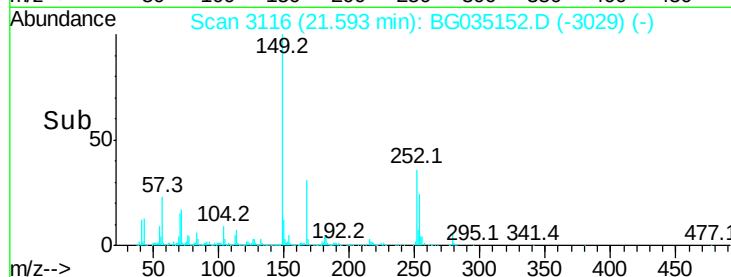
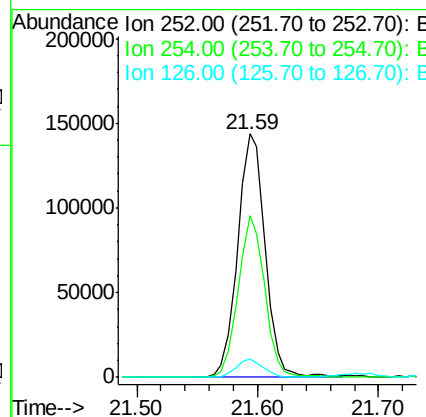
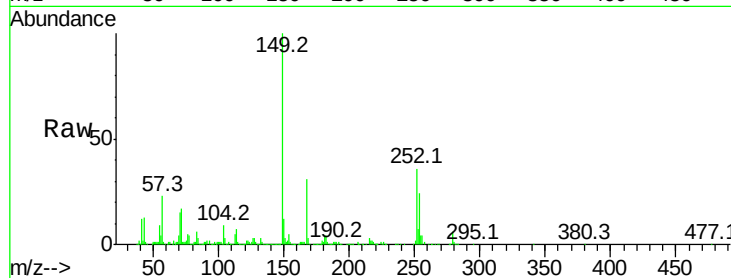




#81
 3,3'-Dichlorobenzidine
 Concen: 24.159 ng
 RT: 21.59 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BG035152.D
 Acq: 15 Jun 2018 00:21

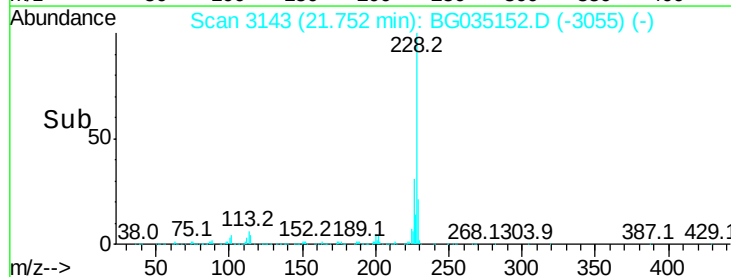
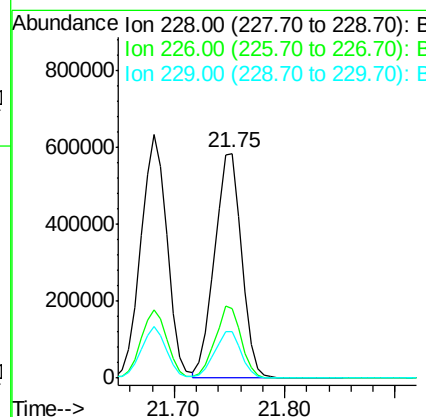
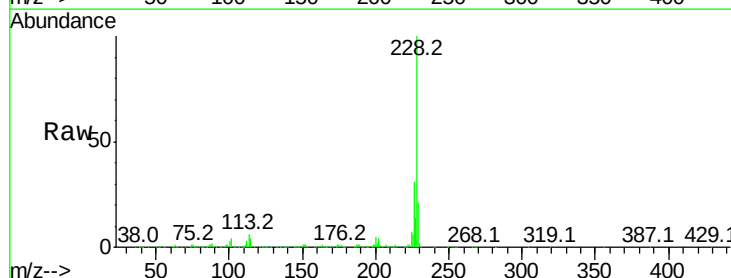
Instrument :
 BNA_G
 ClientSampleId :
 PB110221BSD

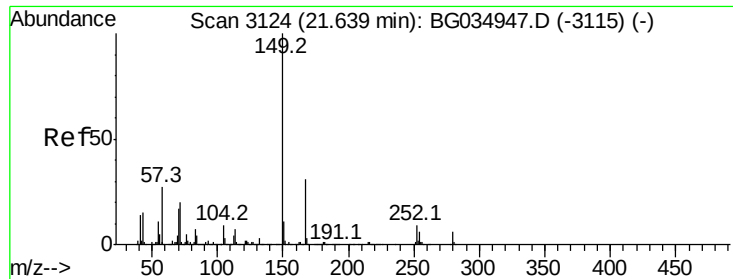
Tot Ion:252 Resp: 228683
 Ion Ratio Lower Upper
 252 100
 254 66.4 50.8 76.2
 126 7.4 7.4 11.2#



#82
 Chrysene
 Concen: 42.708 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG035152.D
 Acq: 15 Jun 2018 00:21

Tgt Ion:228 Resp: 983792
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 20.8 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.227 ng

RT: 21.59 min Scan# 3116

Delta R.T. -0.02 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

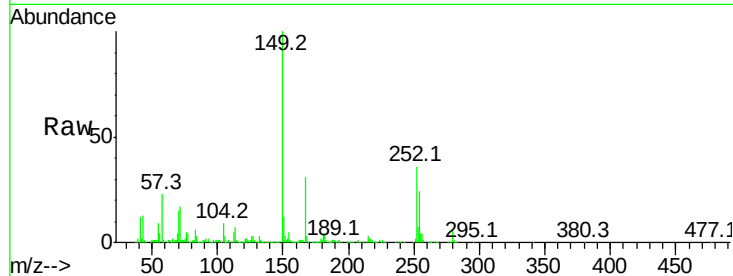
Tot Ion:149 Resp: 535723

Ion Ratio Lower Upper

149 100

167 31.5 24.3 36.5

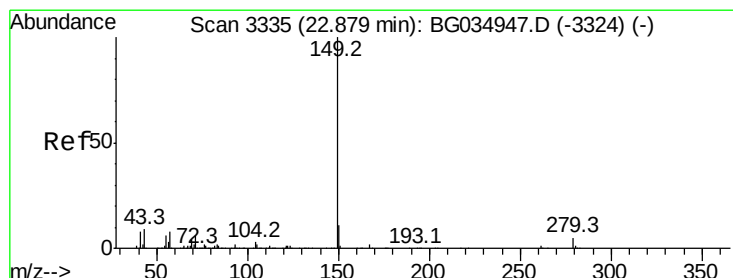
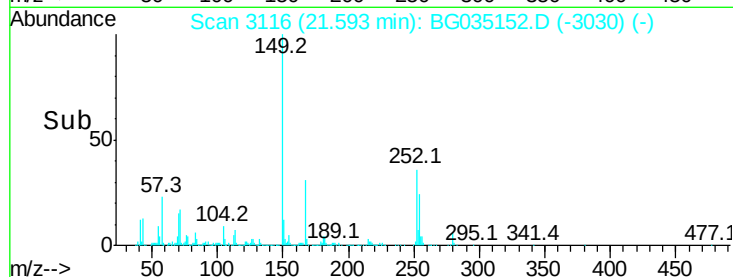
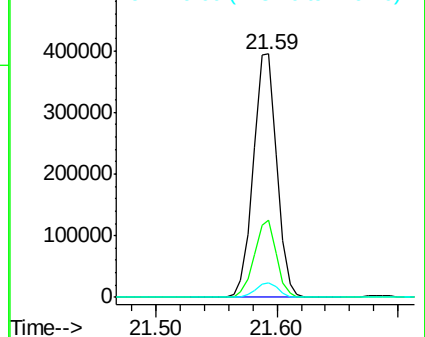
279 5.9 4.0 6.0



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: 39.607 ng

RT: 22.81 min Scan# 3323

Delta R.T. -0.04 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

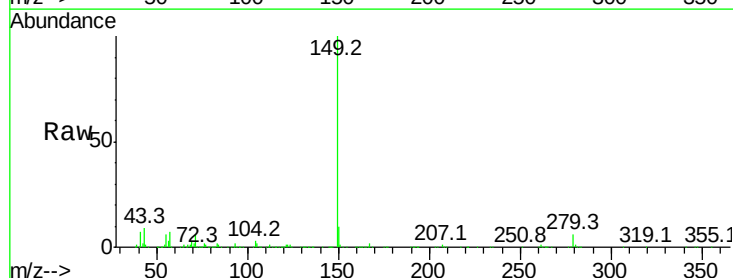
Tgt Ion:149 Resp: 904915

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

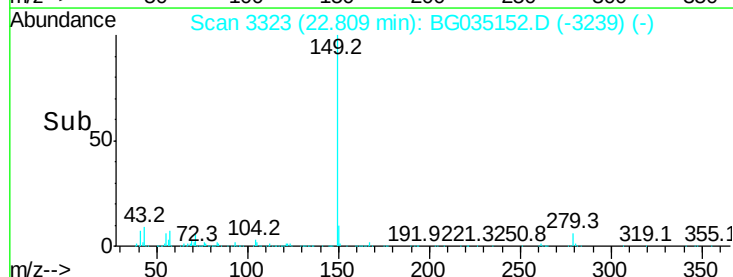
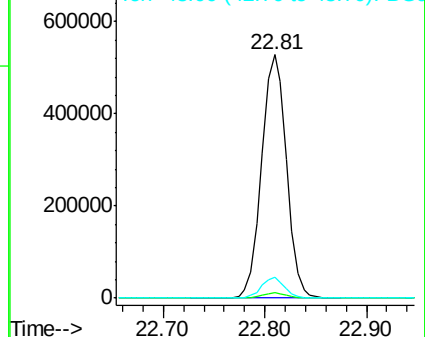
43 8.2 8.9 13.3#

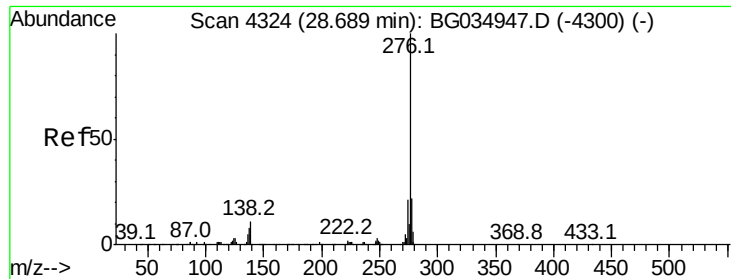


Abundance Ion 149.00 (148.70 to 149.70): E

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: 40.447 ng

RT: 28.62 min Scan# 4312

Delta R.T. -0.04 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

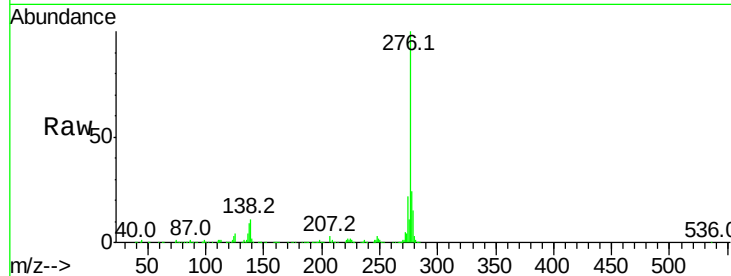
BNA_G

ClientSampleId :

PB110221BSD

Tot Ion:276 Resp: 1091205

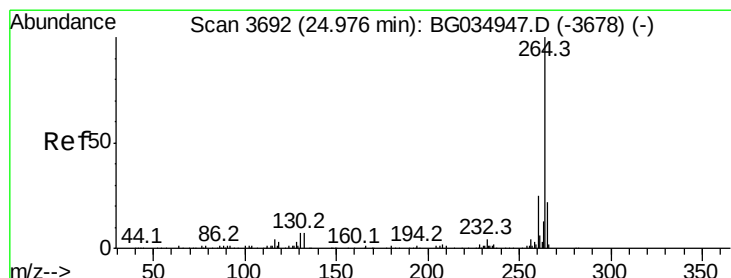
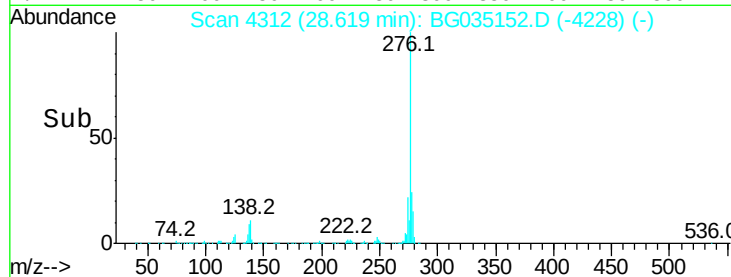
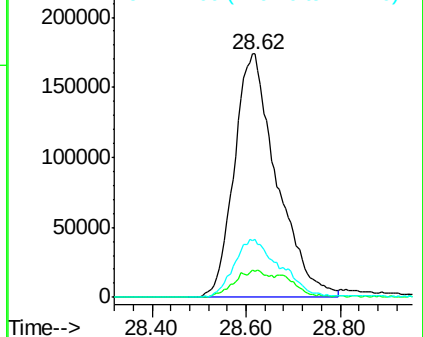
Ion	Ratio	Lower	Upper
276	100		
138	9.3	16.0	24.0#
277	25.8	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3684

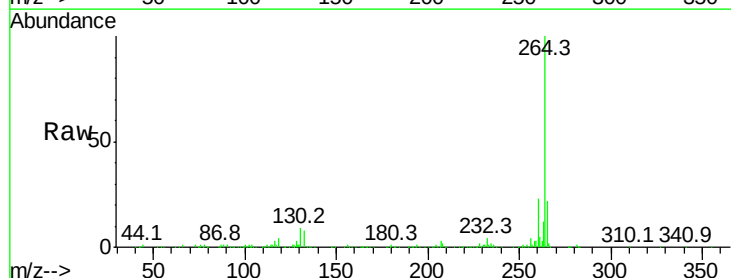
Delta R.T. -0.02 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Tgt Ion:264 Resp: 383127

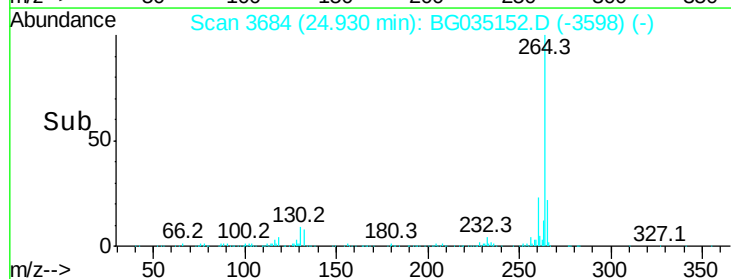
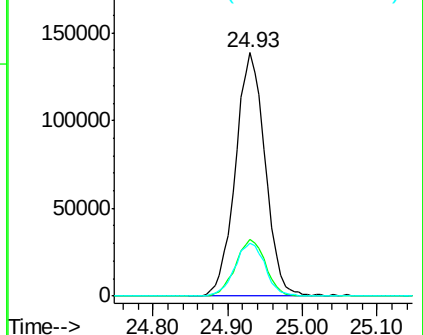
Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.6	17.7	26.5

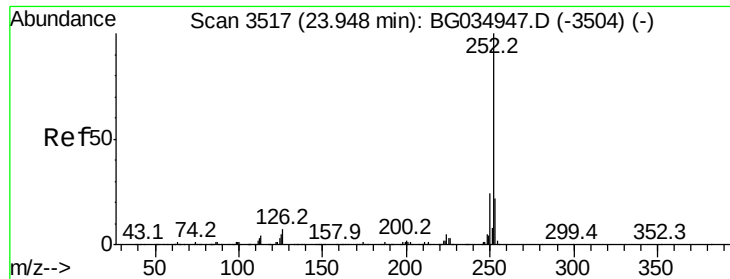


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.233 ng

RT: 23.91 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

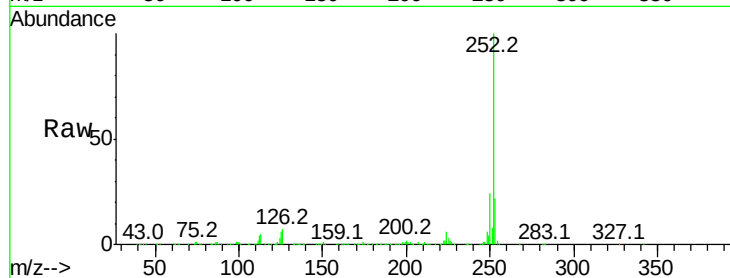
Tot Ion:252 Resp: 1043614

Ion Ratio Lower Upper

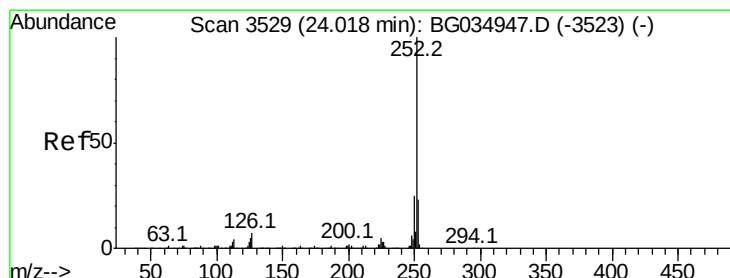
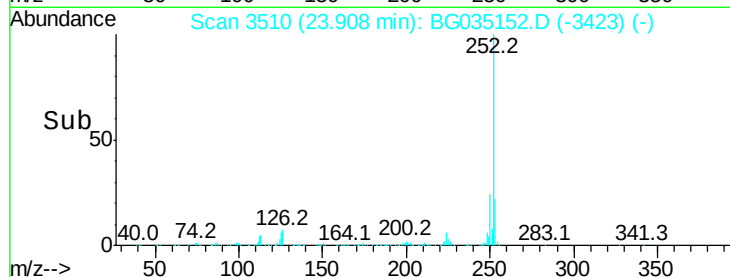
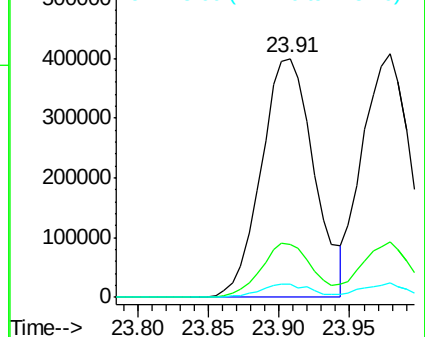
252 100

253 22.1 18.2 27.4

125 5.7 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: 42.008 ng

RT: 23.98 min Scan# 3522

Delta R.T. -0.02 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

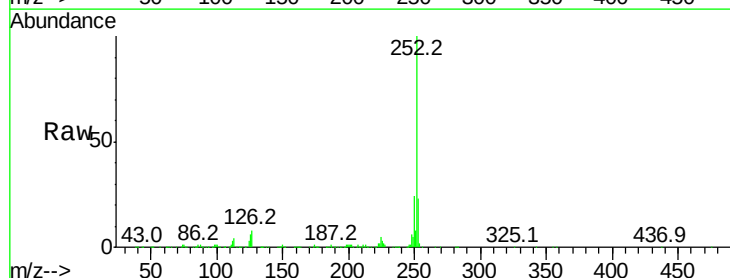
Tgt Ion:252 Resp: 969536

Ion Ratio Lower Upper

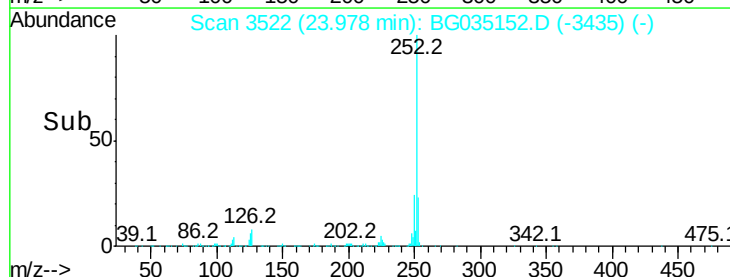
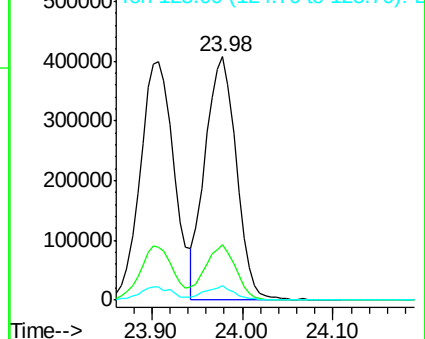
252 100

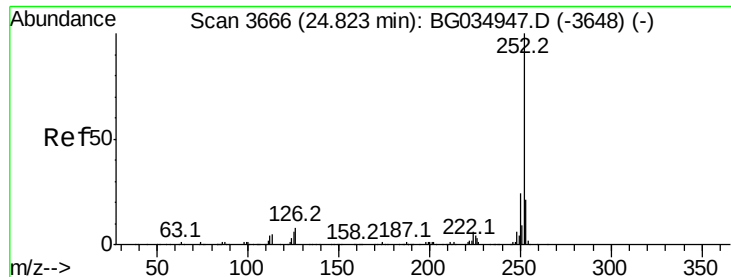
253 22.9 17.4 26.2

125 6.0 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: 44.572 ng

RT: 24.78 min Scan# 3658

Delta R.T. -0.03 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

Instrument :

BNA_G

ClientSampleId :

PB110221BSD

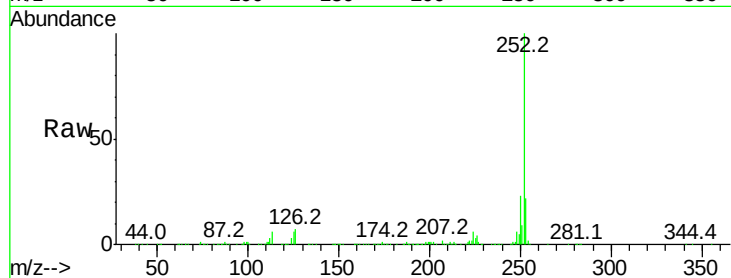
Tot Ion:252 Resp: 989553

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

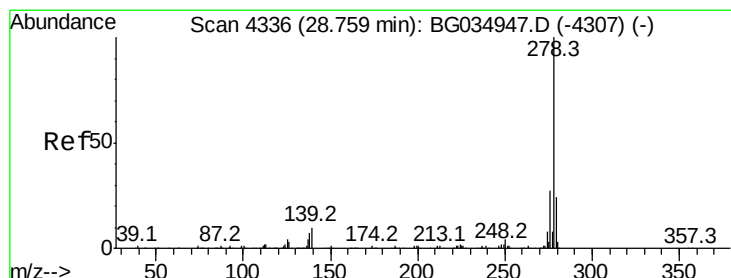
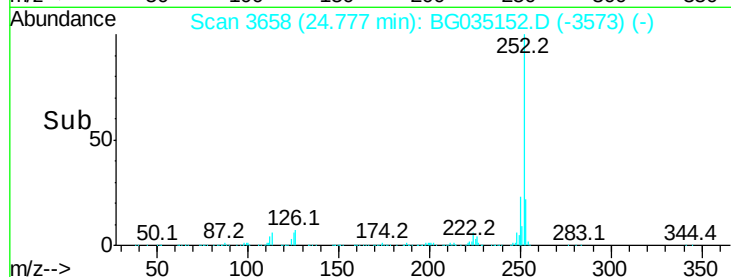
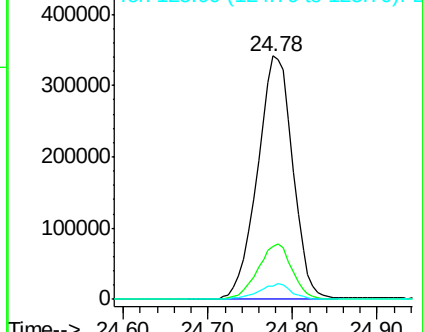
125 5.7 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.939 ng

RT: 28.68 min Scan# 4323

Delta R.T. -0.04 min

Lab File: BG035152.D

Acq: 15 Jun 2018 00:21

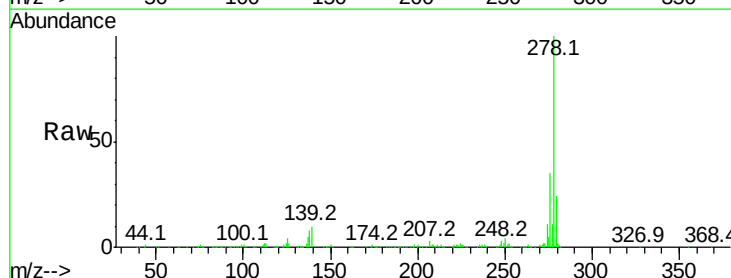
Tgt Ion:278 Resp: 875324

Ion Ratio Lower Upper

278 100

139 10.0 9.8 14.6

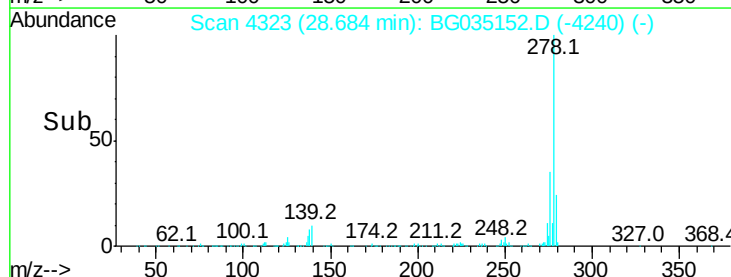
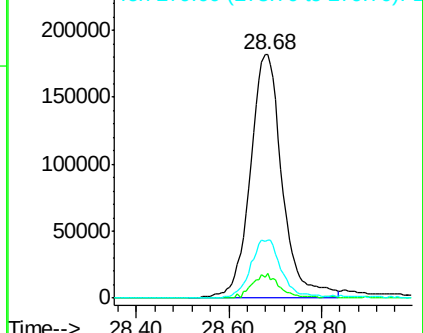
279 23.9 18.4 27.6

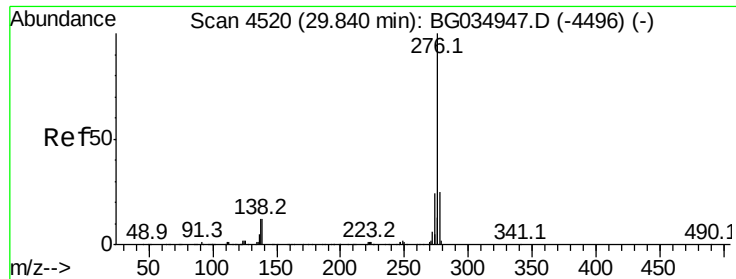


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.451 ng
 RT: 29.76 min Scan# 4507
 Delta R.T. -0.04 min
 Lab File: BG035152.D
 Acq: 15 Jun 2018 00:21

Instrument :
 BNA_G
 ClientSampleId :
 PB110221BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.3	27.5
138	12.4	13.9	20.9

