

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010918\
 Data File : BG031957.D
 Acq On : 9 Jan 2018 22:04
 Operator : SJ/JU
 Sample : J1018-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

Quant Time: Jan 10 00:26:46 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	70905	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	298461	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	195784	20.00	ng	-0.01
63) Phenanthrene-d10	18.14	188	469542	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	502520	20.00	ng	-0.04
86) Perylene-d12	26.21	264	536579	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.21	112	498399	128.03	ng	0.00
7) Phenol-d6	7.89	99	585778	115.90	ng	0.00
23) Nitrobenzene-d5	9.98	82	398035	100.70	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	434701	145.51	ng	-0.01
44) 2-Fluorobiphenyl	14.04	172	1335012	85.59	ng	-0.01
78) Terphenyl-d14	20.67	244	2067885	94.01	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.87	88	45414	31.470	ng	# 77
3) Pyridine	4.32	79	98276	25.478	ng	# 77
4) n-Nitrosodimethylamine	4.22	42	60931	39.145	ng	# 82
6) Aniline	8.07	93	70275	10.807	ng	90
8) 2-Chlorophenol	8.33	128	200917	44.493	ng	# 83
9) Benzaldehyde	7.88	77	35220	11.573	ng	87
10) Phenol	7.92	94	196087	38.427	ng	91
11) bis(2-Chloroethyl)ether	8.17	93	164361	38.784	ng	# 80
12) 1,3-Dichlorobenzene	8.67	146	224968	40.118	ng	# 92
13) 1,4-Dichlorobenzene	8.82	146	226562	39.551	ng	92
14) 1,2-Dichlorobenzene	9.15	146	218673	40.287	ng	96
15) Benzyl Alcohol	9.02	79	164482	43.351	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.31	45	170517	49.409	ng	78
17) 2-Methylphenol	9.21	107	162619	44.539	ng	98
18) Hexachloroethane	9.90	117	73087	42.126	ng	90
19) n-Nitroso-di-n-propylamine	9.60	70	131610	38.128	ng	# 83
20) 3+4-Methylphenols	9.55	107	212070	40.867	ng	95
22) Acetophenone	9.62	105	292545	42.189	ng	# 88
24) Nitrobenzene	10.03	77	188564	46.289	ng	# 83
25) Isophorone	10.55	82	361763	42.517	ng	# 85
26) 2-Nitrophenol	10.75	139	120366	56.355	ng	# 78
27) 2,4-Dimethylphenol	10.79	122	206175	45.874	ng	92
28) bis(2-Chloroethoxy)methane	11.03	93	230600	40.391	ng	# 94
29) 2,4-Dichlorophenol	11.29	162	242272	45.917	ng	88
30) 1,2,4-Trichlorobenzene	11.52	180	259515	40.283	ng	99
31) Naphthalene	11.71	128	614723	40.811	ng	99
32) Benzoic acid	10.91	122	104269	35.970	ng	# 83
33) 4-Chloroaniline	11.81	127	45513	6.787	ng	92
34) Hexachlorobutadiene	11.98	225	183595	41.511	ng	98
35) Caprolactam	12.56	113	53984	33.754	ng	# 45
36) 4-Chloro-3-methylphenol	12.88	107	219515	45.048	ng	# 83
37) 2-Methylnaphthalene	13.28	142	502205	41.128	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	352923	42.796	ng	# 97
40) Hexachlorocyclopentadiene	13.61	237	415968	95.616	ng	92

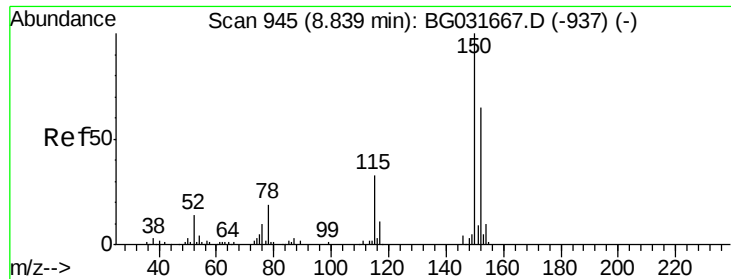
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	221553	46.597	ng	99
43) 2,4,5-Trichlorophenol	13.93	196	241462	45.826	ng #	91
45) 1,1'-Biphenyl	14.25	154	714543	42.731	ng	95
46) 2-Chloronaphthalene	14.31	162	540959	42.413	ng	96
47) 2-Nitroaniline	14.49	65	116775	53.011	ng #	61
48) Acenaphthylene	15.15	152	809917	39.692	ng	99
49) Dimethylphthalate	14.85	163	704990	40.874	ng #	97
50) 2,6-Dinitrotoluene	14.97	165	160262	50.509	ng #	70
51) Acenaphthene	15.47	154	590605	44.194	ng	99
52) 3-Nitroaniline	15.30	138	52690	17.021	ng #	72
53) 2,4-Dinitrophenol	15.50	184	145795	105.475	ng #	75
54) Dibenzofuran	15.80	168	843613	41.181	ng	99
55) 4-Nitrophenol	15.58	139	214944	85.311	ng #	73
56) 2,4-Dinitrotoluene	15.75	165	223826	54.860	ng #	62
57) Fluorene	16.45	166	671425	40.346	ng	97
58) 2,3,4,6-Tetrachlorophenol	16.02	232	243327	47.332	ng #	86
59) Diethylphthalate	16.19	149	675995	40.212	ng	95
60) 4-Chlorophenyl-phenylether	16.43	204	415014	40.758	ng	92
61) 4-Nitroaniline	16.46	138	116684	38.626	ng #	80
62) Azobenzene	16.72	77	441236	40.927	ng	83
64) 4,6-Dinitro-2-methylphenol	16.50	198	116479	50.475	ng #	69
65) n-Nitrosodiphenylamine	16.64	169	626597	40.180	ng	100
66) 4-Bromophenyl-phenylether	17.32	248	298890	44.020	ng	93
67) Hexachlorobenzene	17.44	284	300294	43.264	ng #	91
68) Atrazine	17.56	200	272709	44.973	ng	97
69) Pentachlorophenol	17.78	266	397155	83.188	ng	97
70) Phenanthrene	18.19	178	1111349	41.823	ng	98
71) Anthracene	18.28	178	1131884	42.227	ng	99
72) Carbazole	18.54	167	980362	41.322	ng	99
73) Di-n-butylphthalate	19.04	149	1069140	40.550	ng	99
74) Fluoranthene	20.15	202	1343254	41.198	ng	96
76) Benzidine	20.30	184	81780	5.273	ng	99
77) Pyrene	20.50	202	1356917	42.272	ng	95
79) Butylbenzylphthalate	21.37	149	471419	43.749	ng #	76
80) Benzo(a)anthracene	22.46	228	1353490	42.342	ng	99
81) 3,3'-Dichlorobenzidine	22.35	252	176413	14.234	ng #	99
82) Chrysene	22.54	228	1278617	42.275	ng	97
83) Bis(2-ethylhexyl)phthalate	22.31	149	637168	40.814	ng #	98
84) Di-n-octyl phthalate	23.69	149	1072303	40.784	ng #	87
85) Indeno(1,2,3-cd)pyrene	30.53	276	1675922	43.192	ng #	89
87) Benzo(b)fluoranthene	25.02	252	1406828	42.237	ng #	97
88) Benzo(k)fluoranthene	25.09	252	1376162	41.285	ng #	96
89) Benzo(a)pyrene	26.04	252	1381708	43.314	ng #	96
90) Dibenzo(a,h)anthracene	30.62	278	1375279	41.744	ng #	96
91) Benzo(g,h,i)perylene	30.53	276	1675922	43.086	ng #	91

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

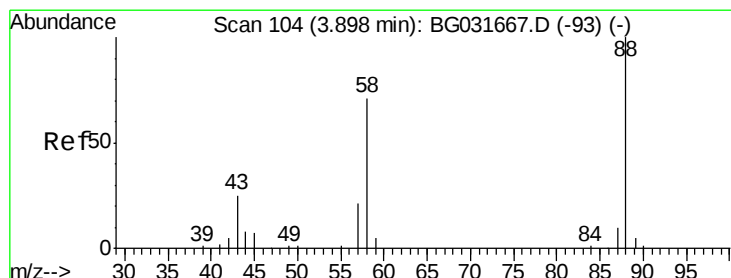
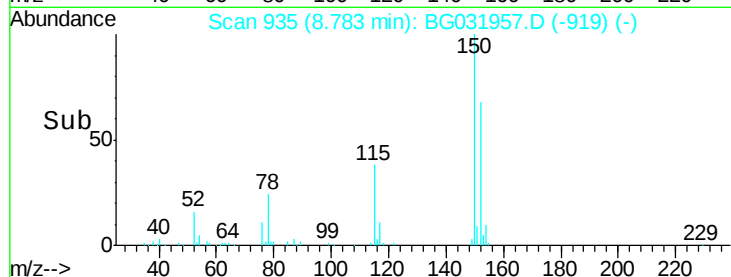
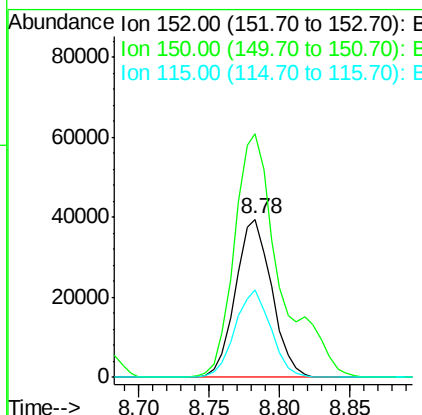
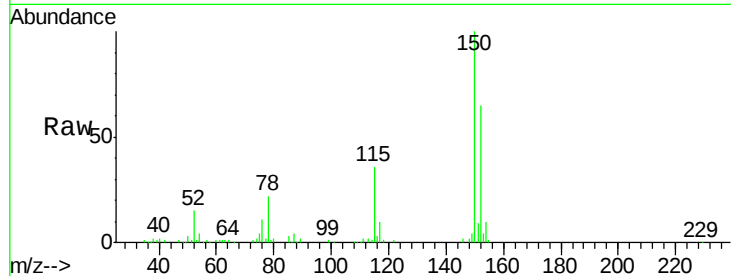


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

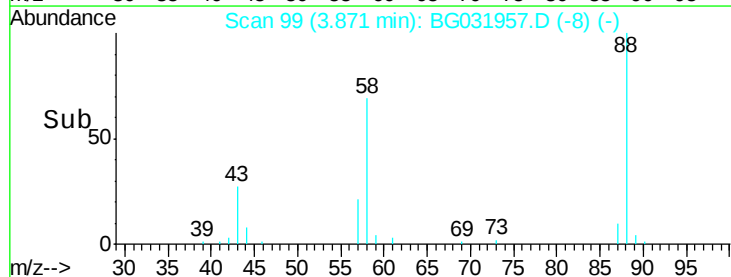
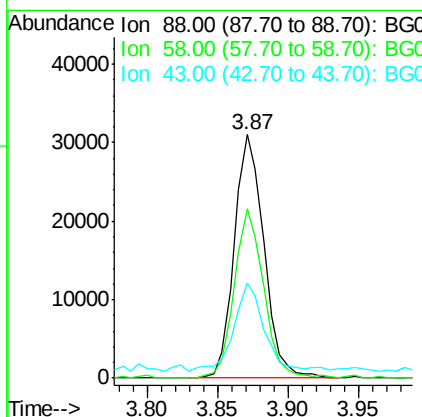
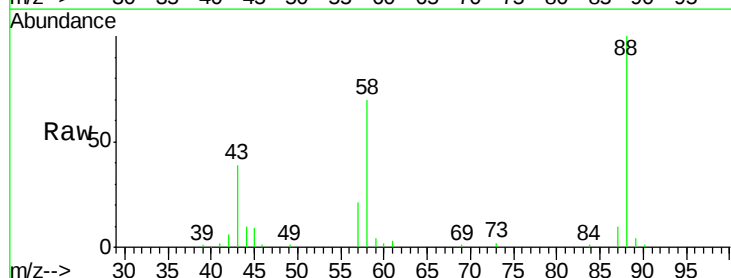
Tgt Ion:152 Resp: 70905
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.6 189.8
 115 55.2 53.0 79.4



#2

1,4-Dioxane
 Concen: 31.470 ng
 RT: 3.87 min Scan# 99
 Delta R.T. 0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Tgt Ion: 88 Resp: 45414
 Ion Ratio Lower Upper
 88 100
 58 69.4 79.6 119.4#
 43 36.3 27.4 41.0





#3

Pyridine

Concen: 25.478 ng

RT: 4.32 min Scan# 176

Delta R.T. 0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

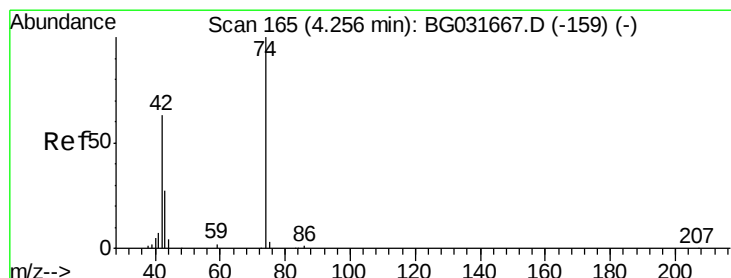
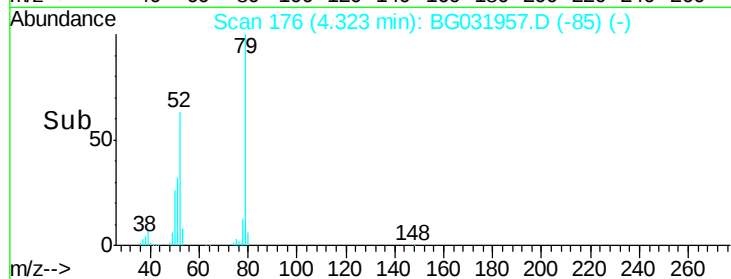
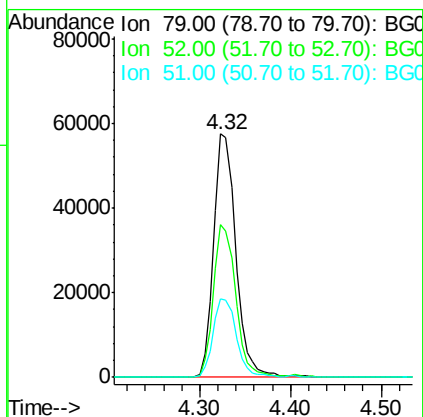
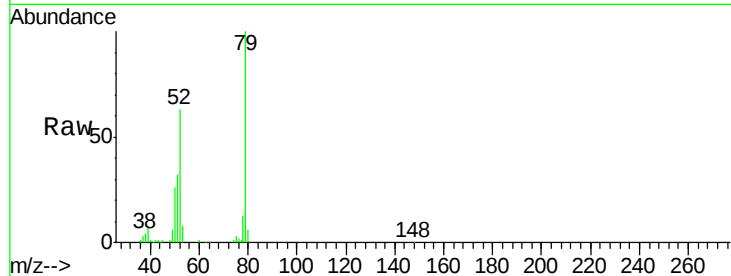
Tgt Ion: 79 Resp: 98276

Ion Ratio Lower Upper

79 100

52 63.0 69.9 104.9#

51 32.0 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 39.145 ng

RT: 4.22 min Scan# 159

Delta R.T. -0.00 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

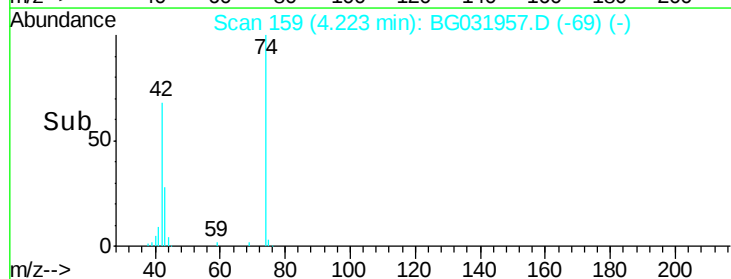
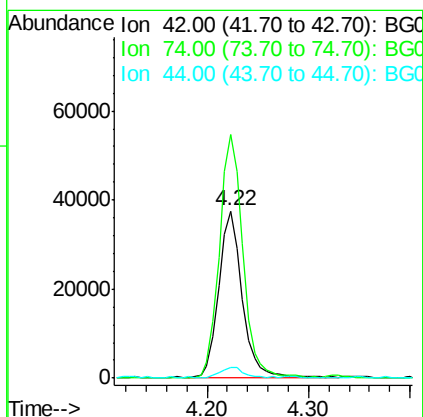
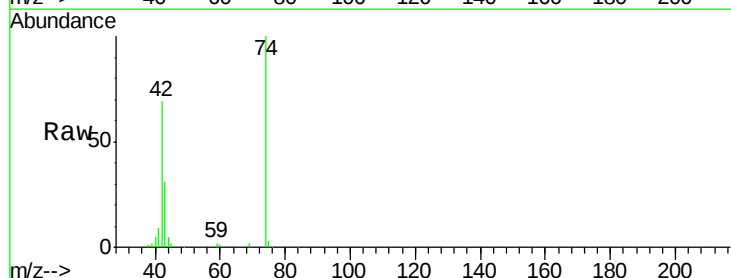
Tgt Ion: 42 Resp: 60931

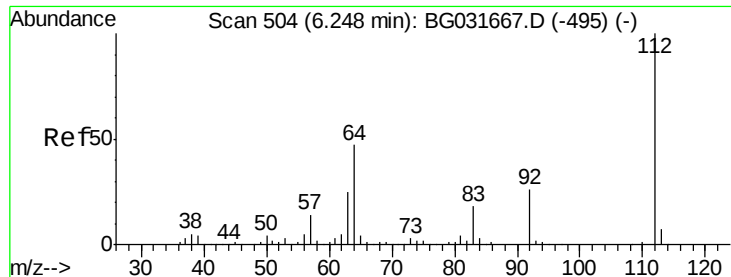
Ion Ratio Lower Upper

42 100

74 145.6 102.5 153.7

44 6.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 128.027 ng

RT: 6.21 min Scan# 497

Delta R.T. -0.00 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

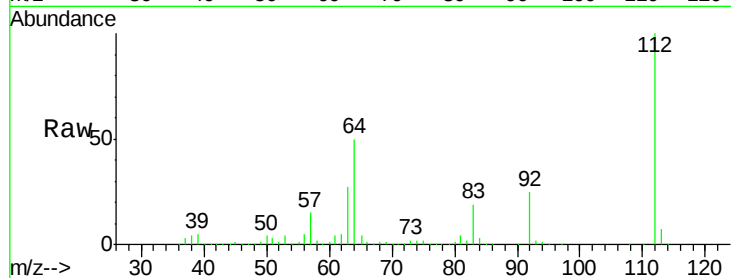
Tgt Ion: 112 Resp: 498399

Ion Ratio Lower Upper

112 100

64 49.8 56.3 84.5#

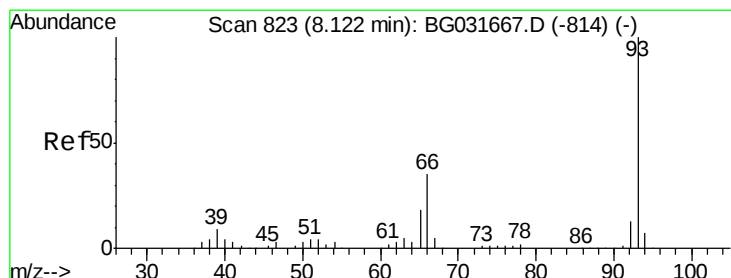
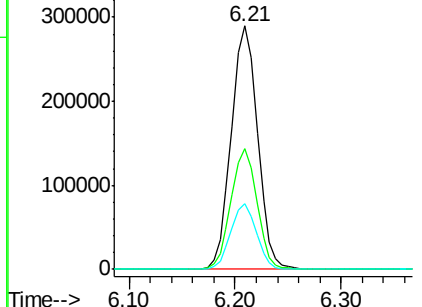
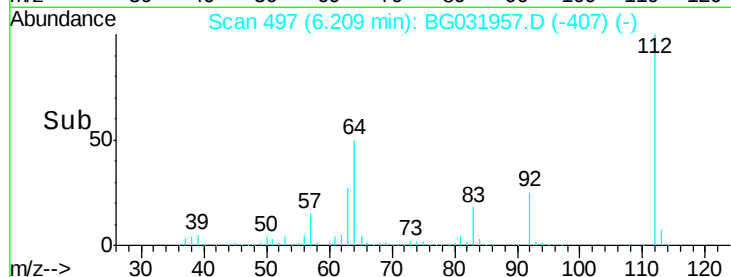
63 27.0 30.1 45.1#



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: 10.807 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

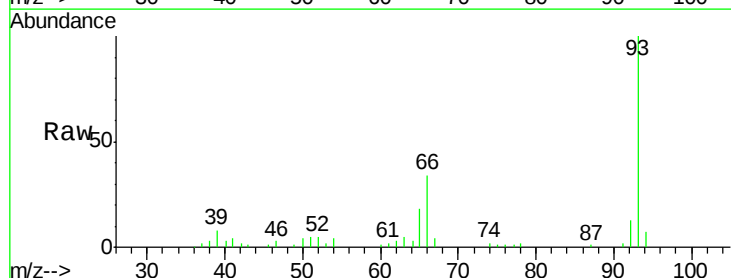
Tgt Ion: 93 Resp: 70275

Ion Ratio Lower Upper

93 100

66 34.5 33.7 50.5

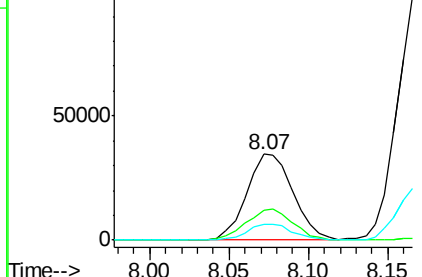
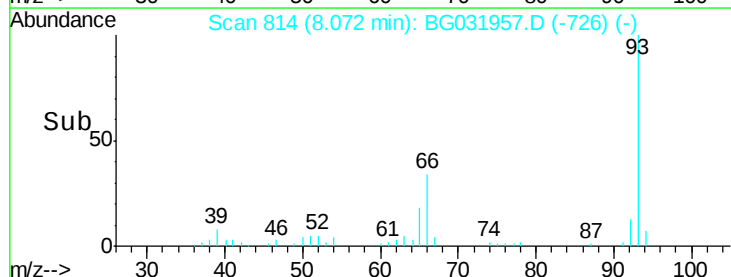
65 17.7 16.1 24.1

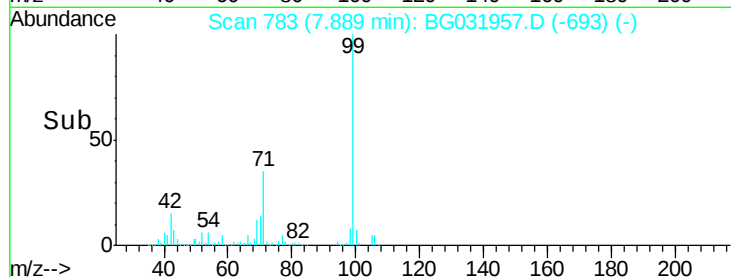
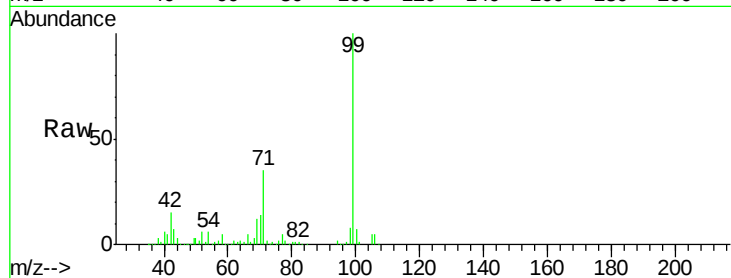
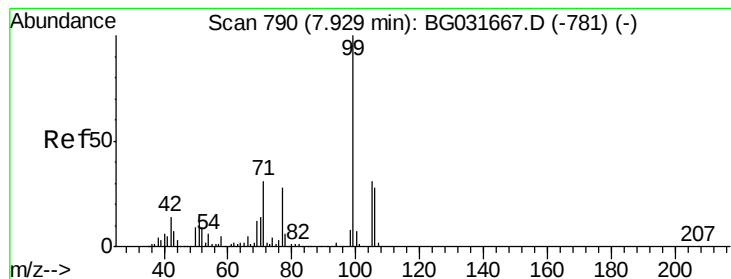


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.897 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

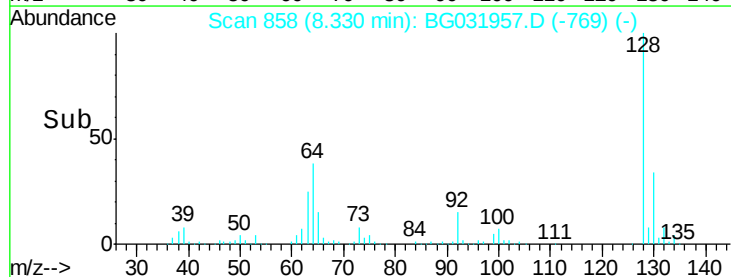
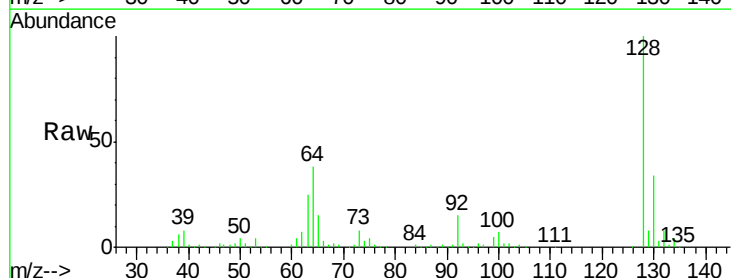
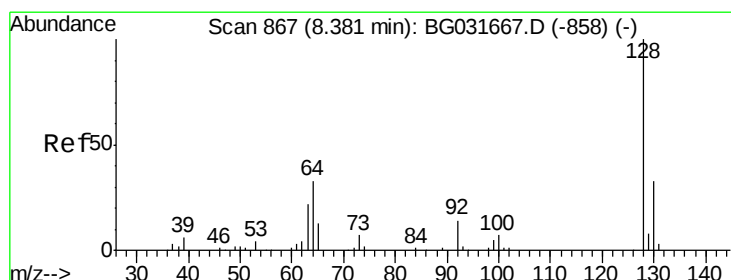
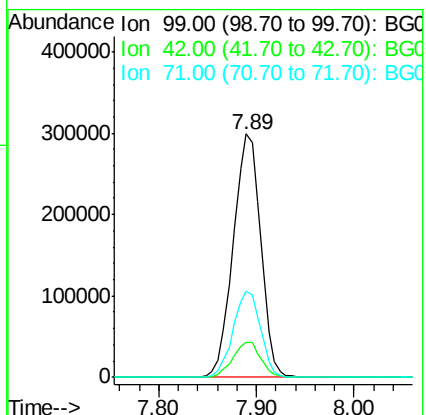
Tgt Ion: 99 Resp: 585778

Ion Ratio Lower Upper

99 100

42 14.5 14.1 21.1

71 35.4 26.1 39.1



#8

2-Chlorophenol

Concen: 44.493 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

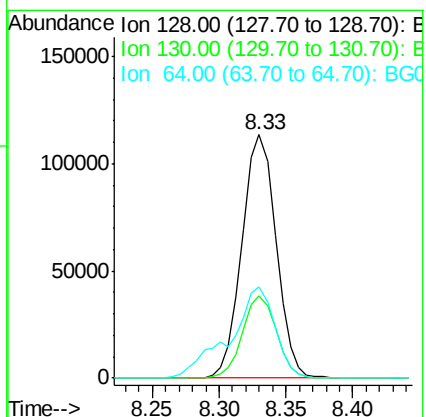
Tgt Ion: 128 Resp: 200917

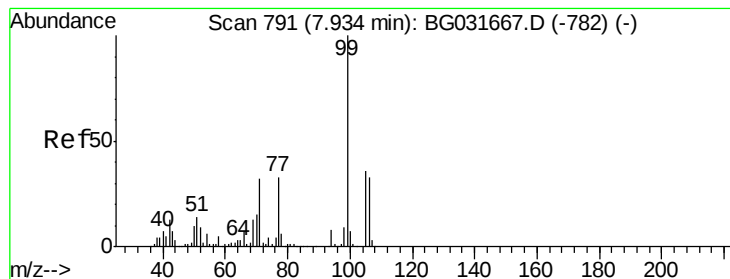
Ion Ratio Lower Upper

128 100

130 33.8 14.0 54.0

64 37.6 37.7 77.7#





#9

Benzaldehyde

Concen: 11.573 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

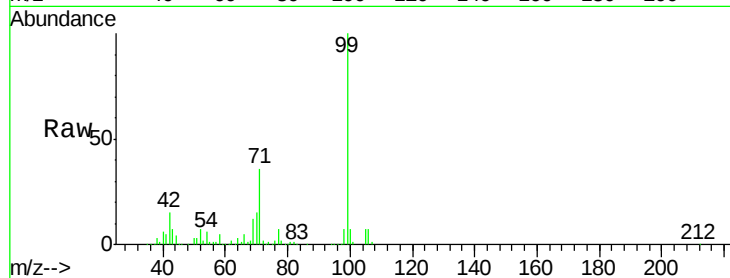
Tgt Ion: 77 Resp: 35220

Ion Ratio Lower Upper

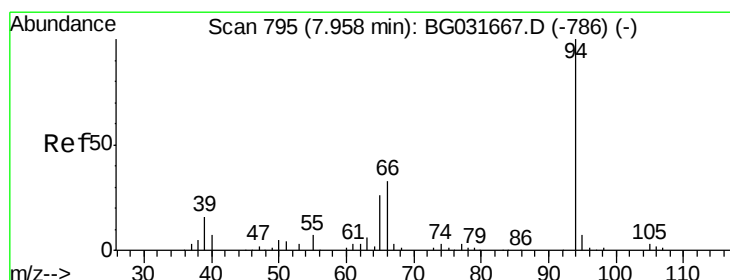
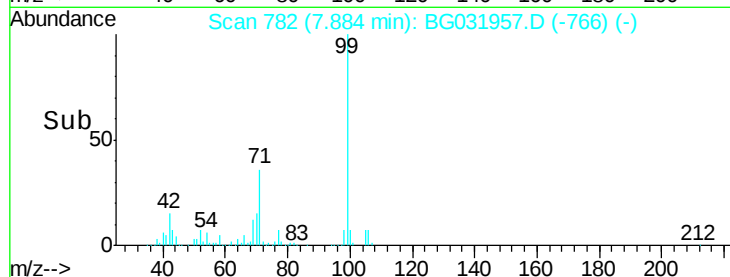
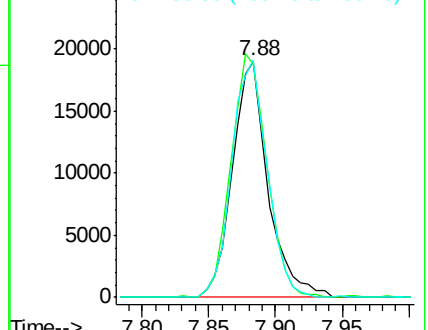
77 100

105 99.0 71.3 111.3

106 100.2 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.427 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

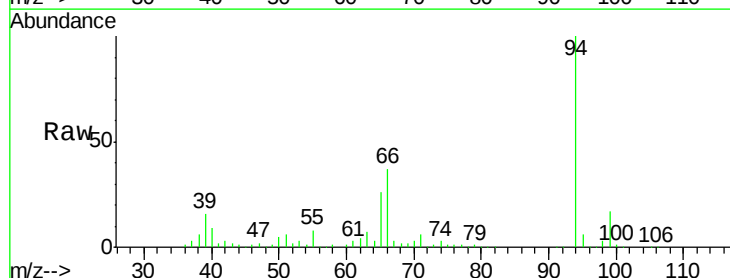
Tgt Ion: 94 Resp: 196087

Ion Ratio Lower Upper

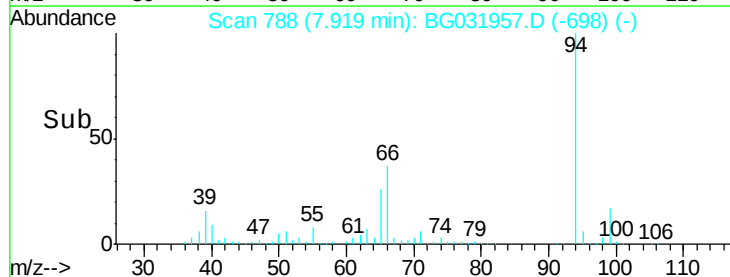
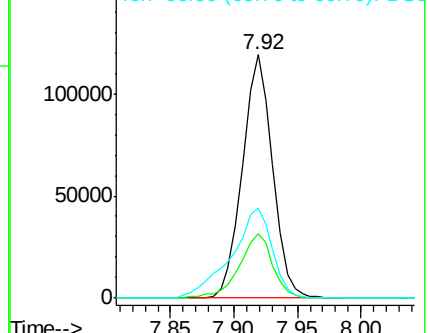
94 100

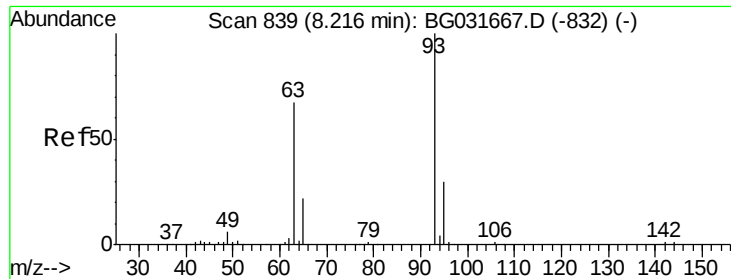
65 26.3 11.9 51.9

66 37.2 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

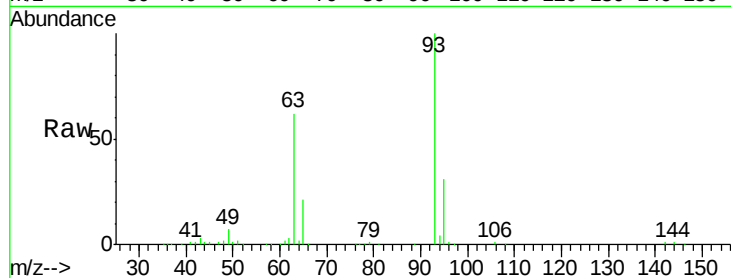




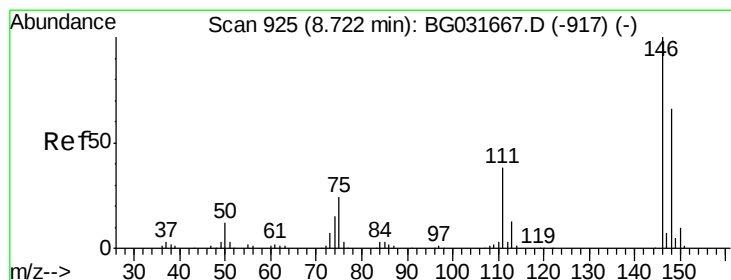
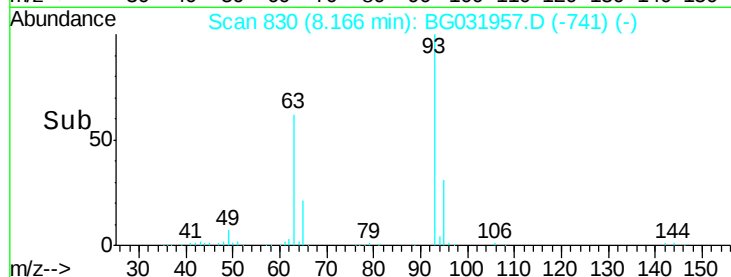
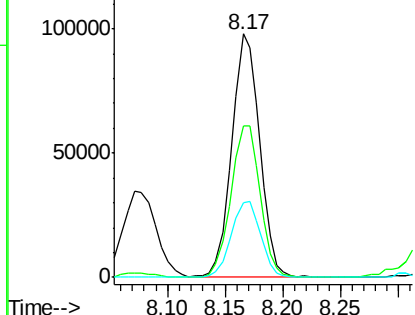
#11
bis(2-Chloroethyl)ether
Concen: 38.784 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

Tgt Ion: 93 Resp: 164361
Ion Ratio Lower Upper
93 100
63 62.4 67.1 107.1#
95 30.9 11.5 51.5

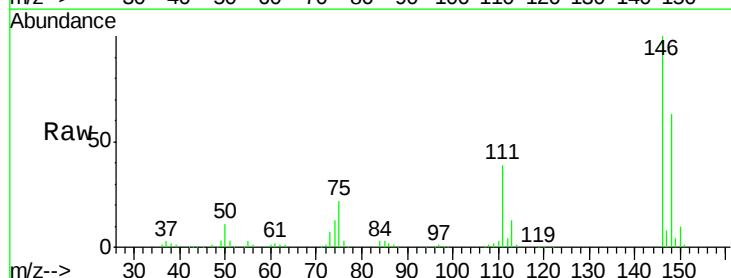


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

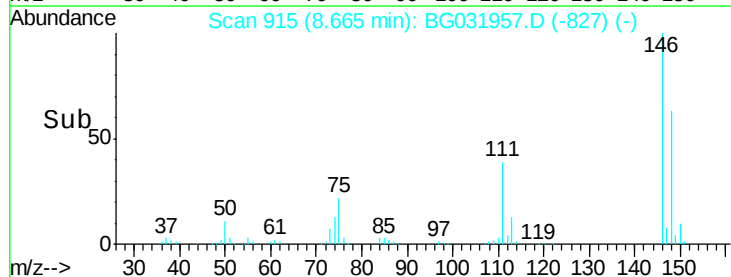
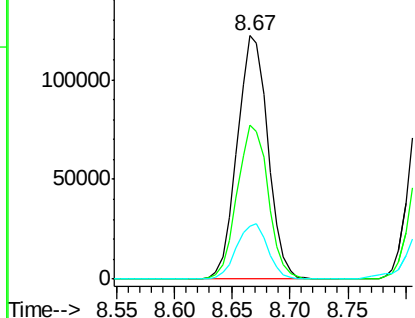


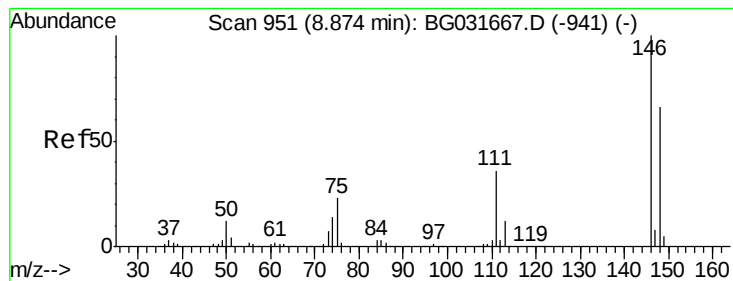
#12
1,3-Dichlorobenzene
Concen: 40.118 ng
RT: 8.67 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Tgt Ion: 146 Resp: 224968
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
75 22.0 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: 39.551 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

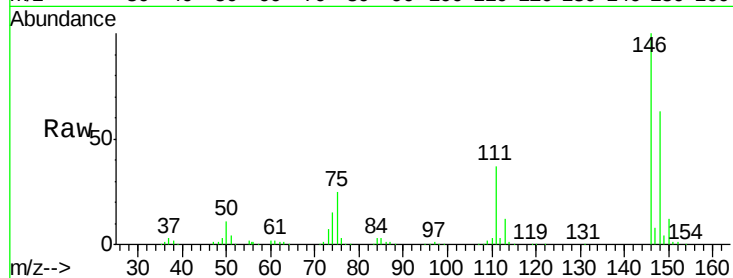
Tgt Ion:146 Resp: 226562

Ion Ratio Lower Upper

146 100

148 62.7 53.7 80.5

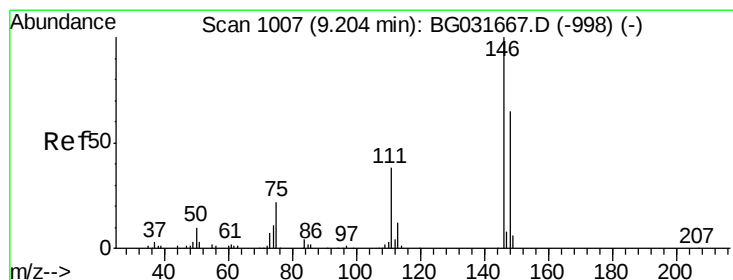
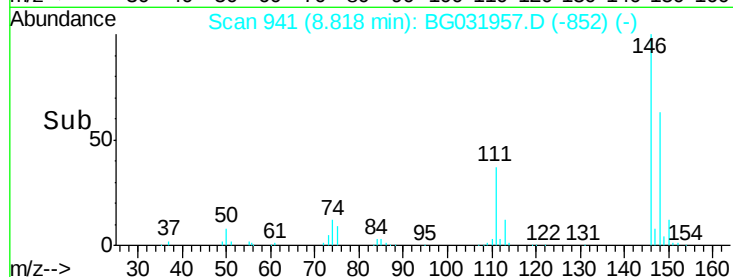
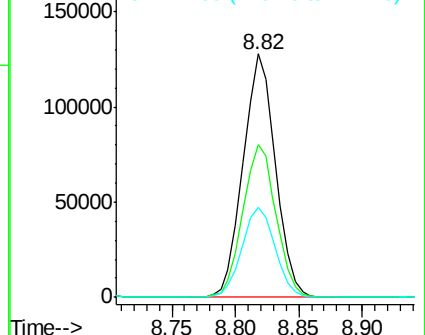
111 36.8 35.2 52.8



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: 40.287 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

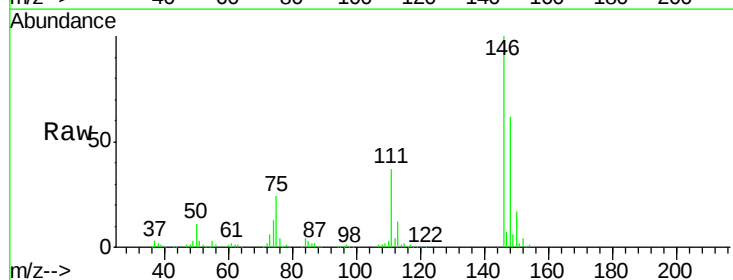
Tgt Ion:146 Resp: 218673

Ion Ratio Lower Upper

146 100

148 61.6 49.3 73.9

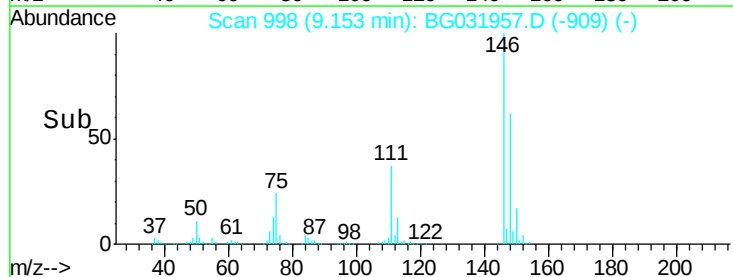
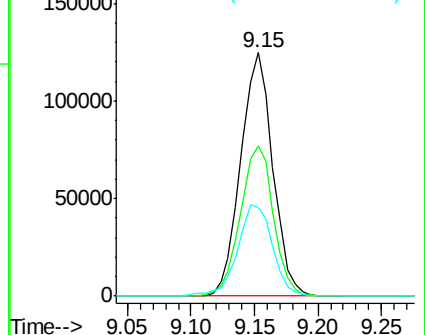
111 36.7 34.3 51.5

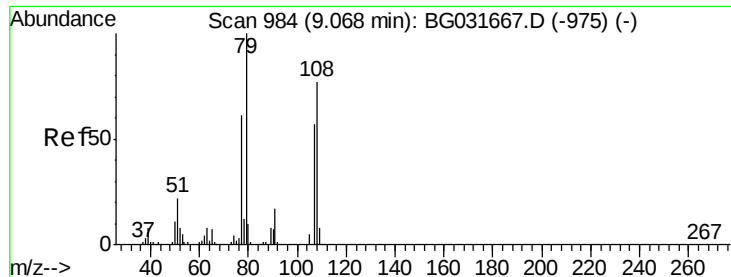


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.351 ng

RT: 9.02 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

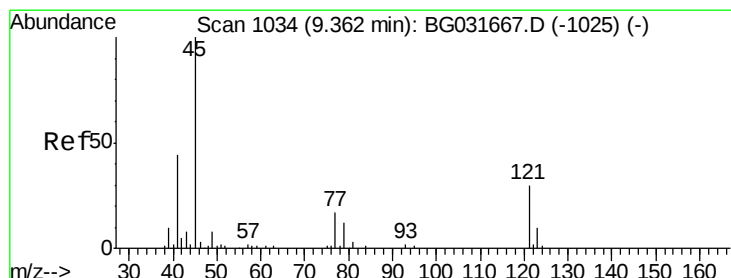
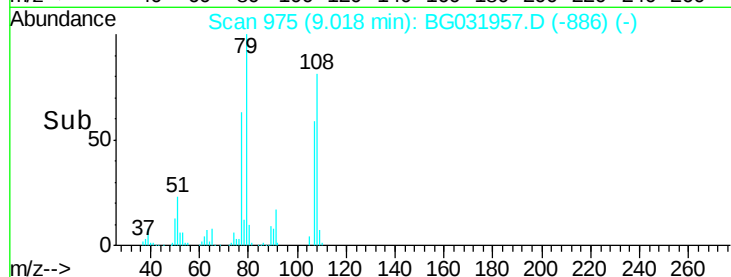
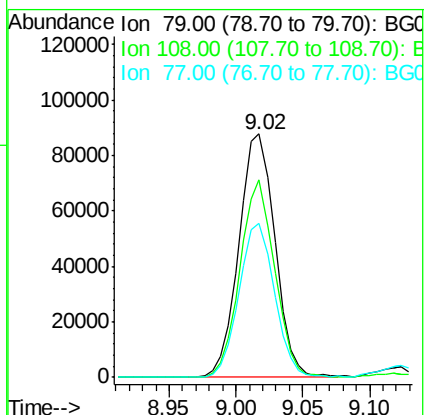
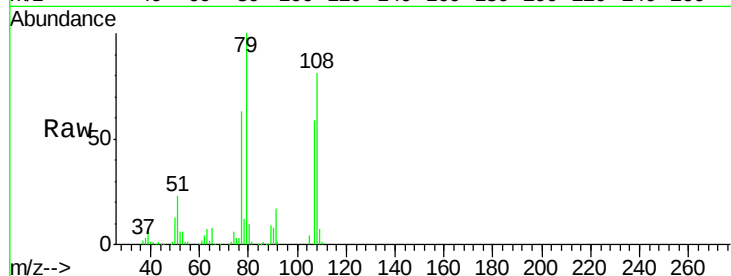
Tgt Ion: 79 Resp: 164482

Ion Ratio Lower Upper

79 100

108 81.4 57.2 85.8

77 63.4 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.409 ng

RT: 9.31 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

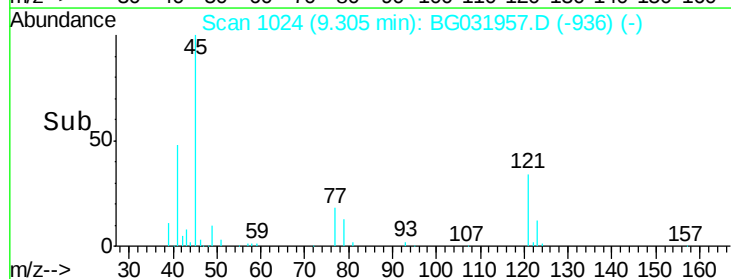
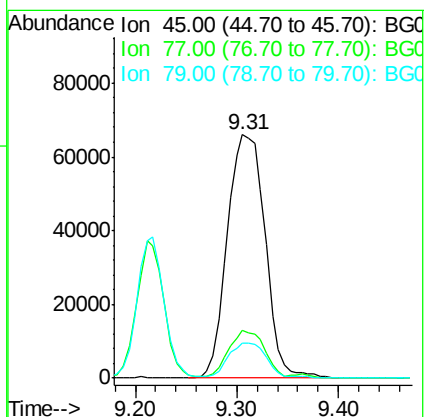
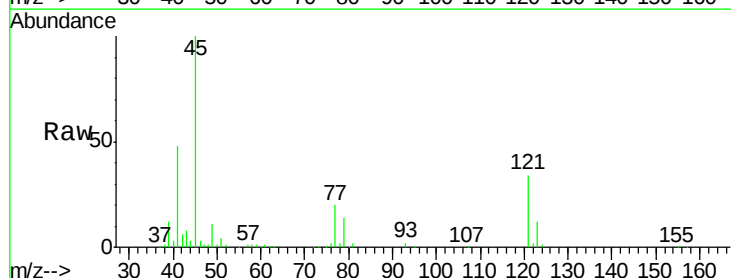
Tgt Ion: 45 Resp: 170517

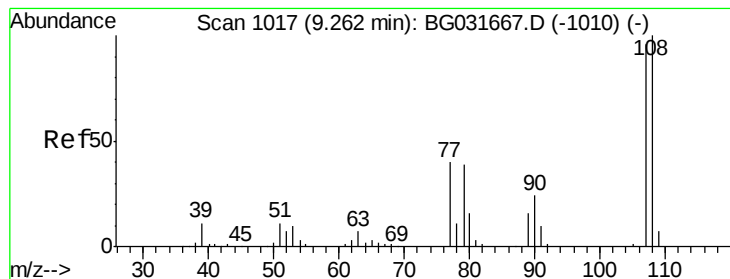
Ion Ratio Lower Upper

45 100

77 19.6 0.0 30.2

79 14.4 0.0 27.9





#17

2-Methylphenol

Concen: 44.539 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

Tgt Ion:107 Resp: 162619

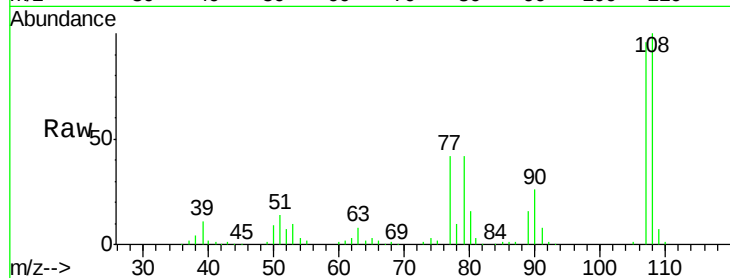
Ion Ratio Lower Upper

107 100

108 104.5 83.9 125.9

77 43.6 37.2 55.8

79 43.7 36.2 54.2

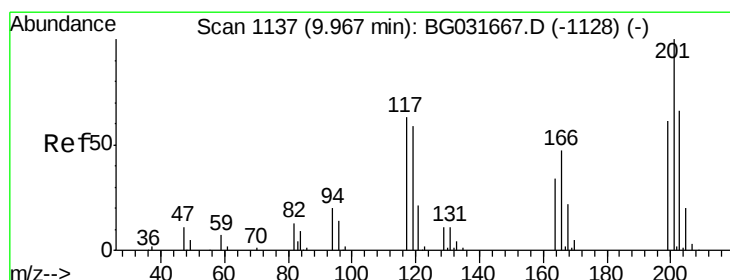
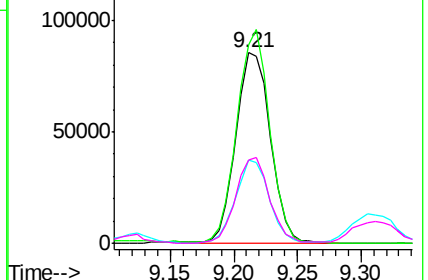
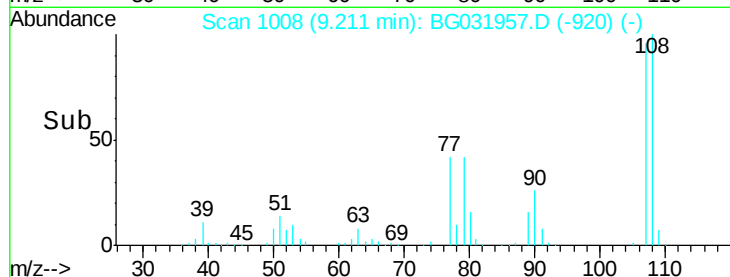


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.126 ng

RT: 9.90 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

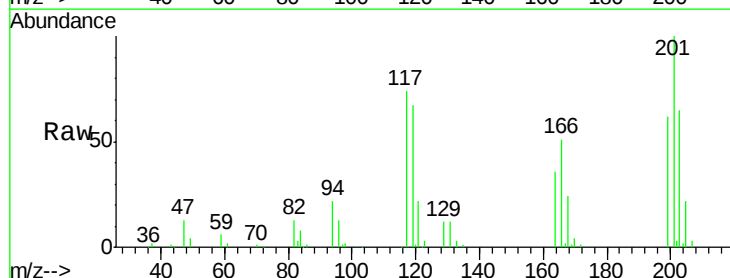
Tgt Ion:117 Resp: 73087

Ion Ratio Lower Upper

117 100

119 89.8 76.7 115.1

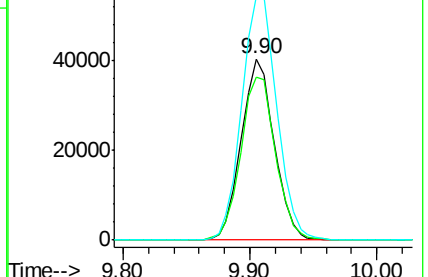
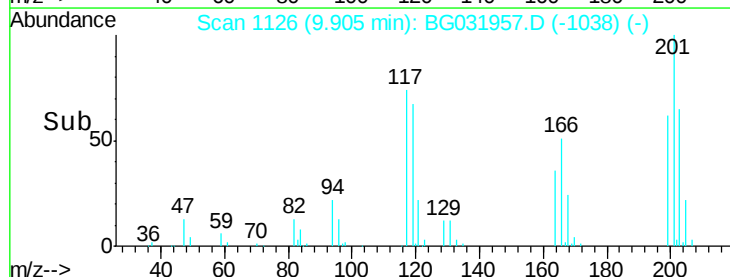
201 134.5 95.7 143.5

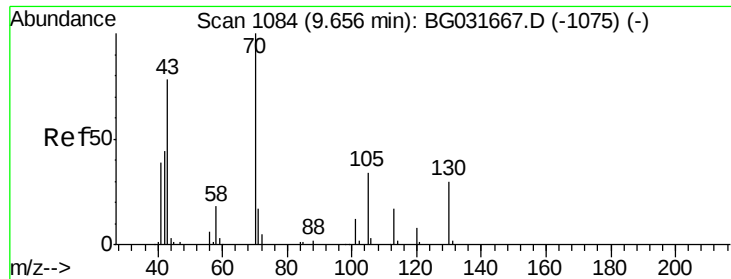


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

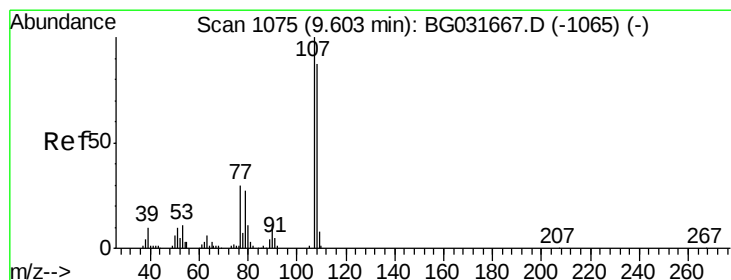
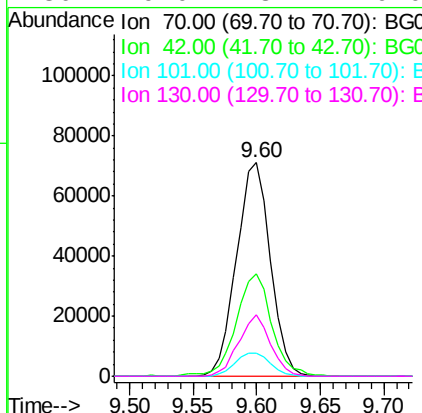
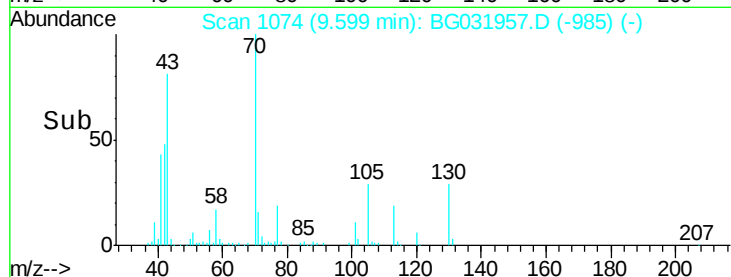
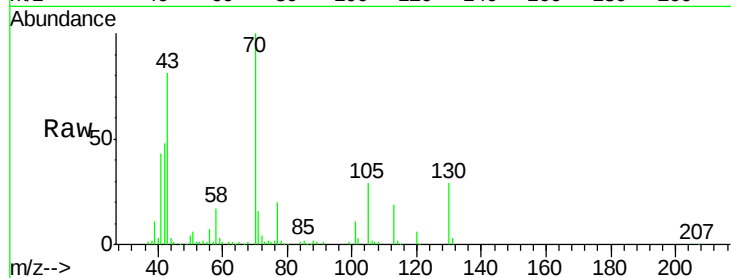




#19
n-Nitroso-di-n-propylamine
Concen: 38.128 ng
RT: 9.60 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

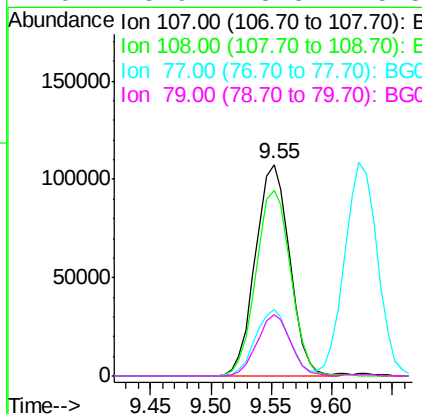
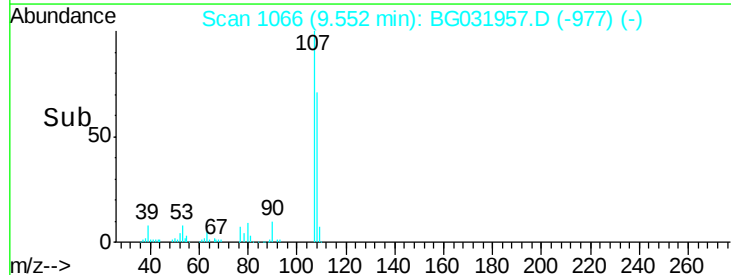
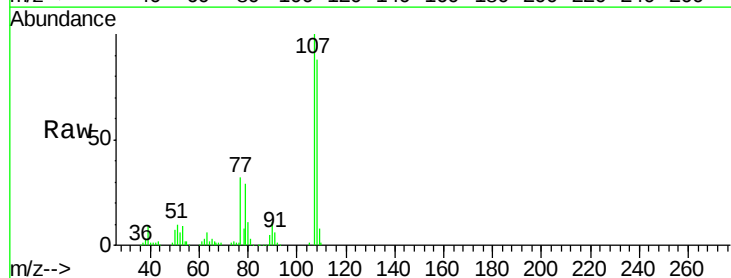
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

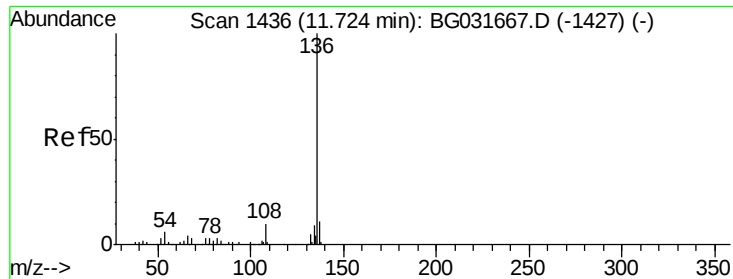
Tgt Ion: 70 Resp: 131610
Ion Ratio Lower Upper
70 100
42 48.2 49.1 73.7#
101 10.9 8.5 12.7
130 29.0 13.4 20.0#



#20
3+4-Methylphenols
Concen: 40.867 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Tgt Ion: 107 Resp: 212070
Ion Ratio Lower Upper
107 100
108 88.0 61.6 101.6
77 31.6 13.9 53.9
79 28.9 8.8 48.8

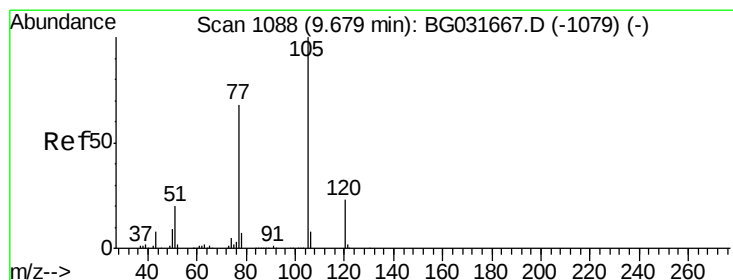
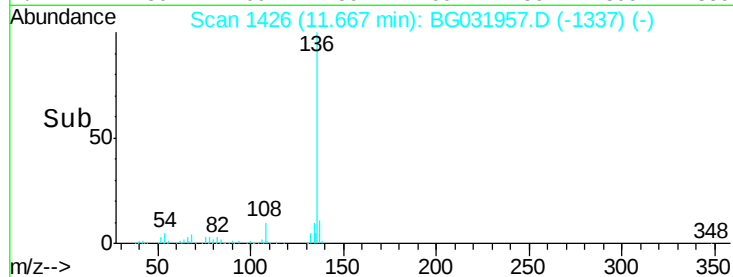
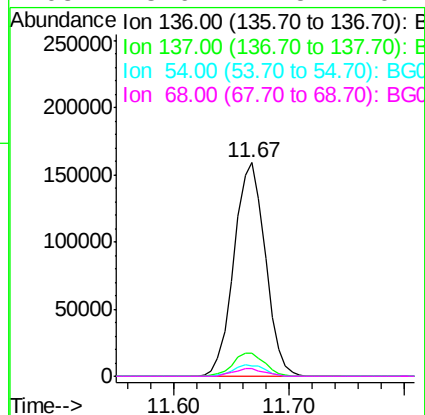
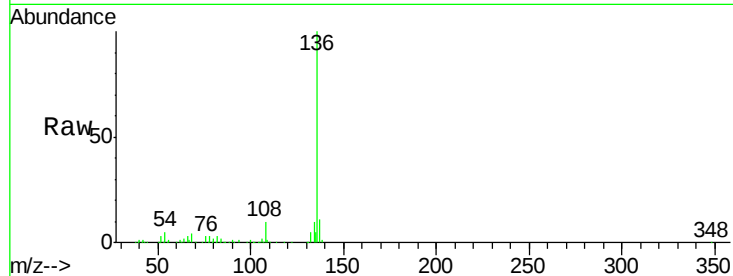




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

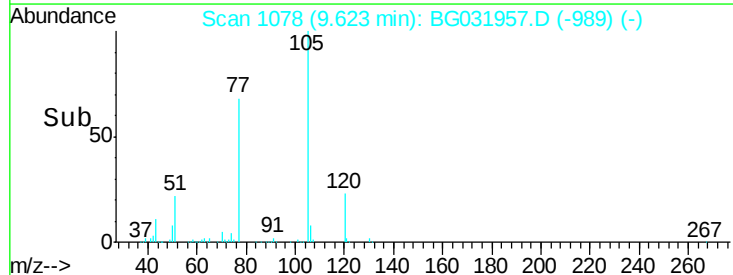
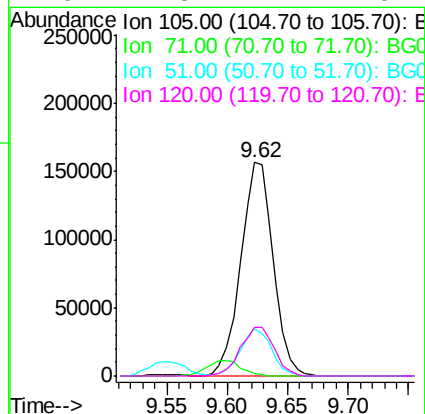
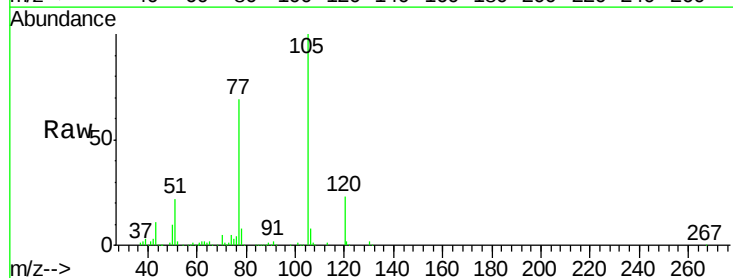
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

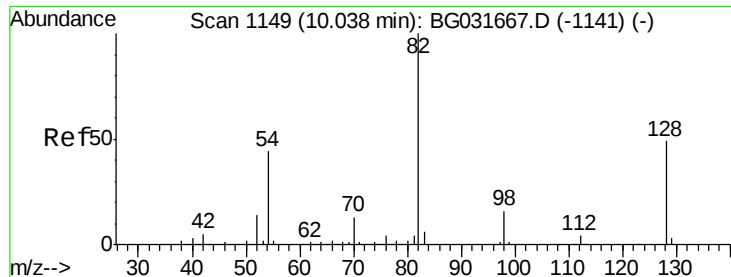
Tgt Ion:	136	Resp:	298461
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	4.7	10.3	15.5#
68	3.6	4.5	6.7#



#22
Acetophenone
Concen: 42.189 ng
RT: 9.62 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Tgt Ion:	105	Resp:	292545
Ion Ratio	Lower	Upper	
105	100		
71	1.0	3.0	4.4#
51	22.3	26.1	39.1#
120	22.8	17.4	26.2

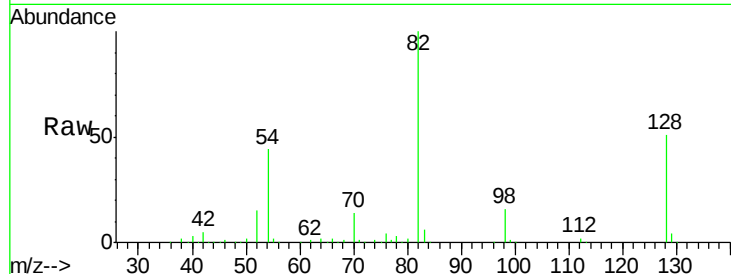




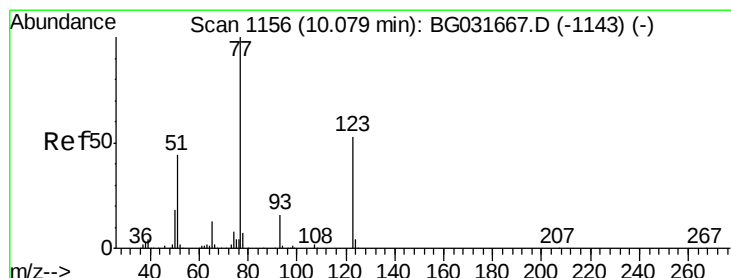
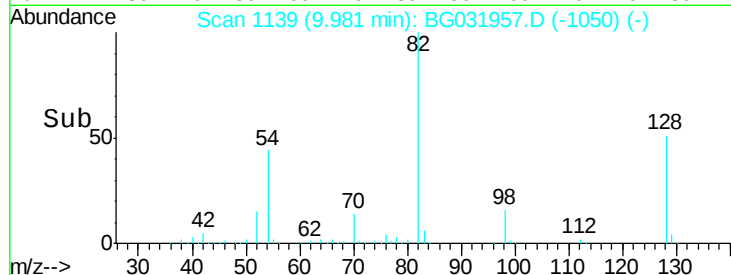
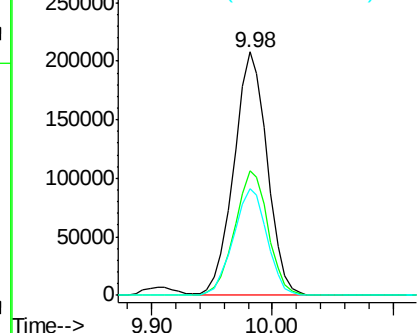
#23
 Nitrobenzene-d5
 Concen: 100.705 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

Tgt Ion: 82 Resp: 398035
 Ion Ratio Lower Upper
 82 100
 128 51.1 29.7 44.5#
 54 43.7 43.1 64.7

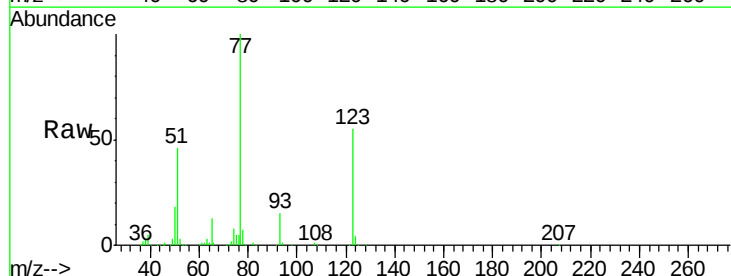


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

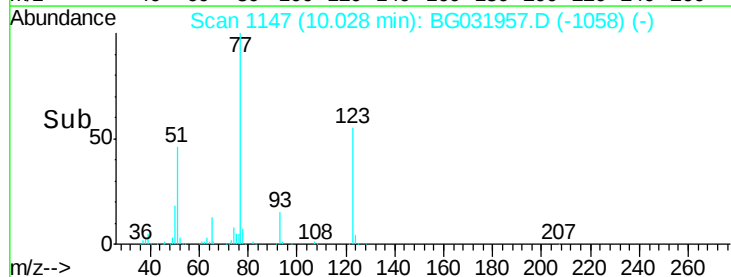
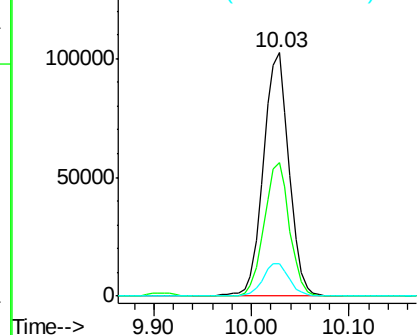


#24
 Nitrobenzene
 Concen: 46.289 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Tgt Ion: 77 Resp: 188564
 Ion Ratio Lower Upper
 77 100
 123 54.8 33.0 49.6#
 65 13.3 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: 42.517 ng

RT: 10.55 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

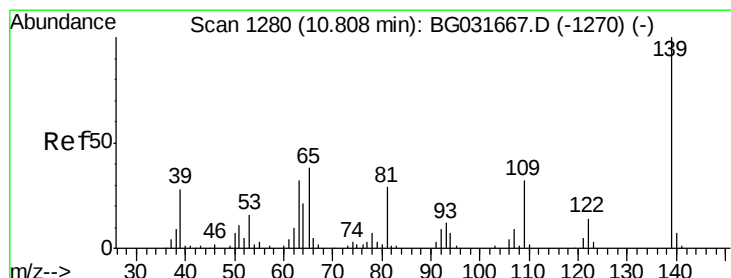
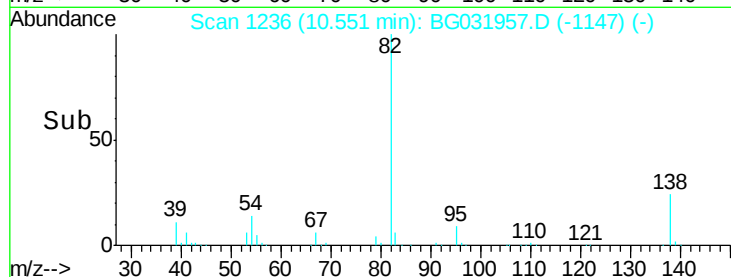
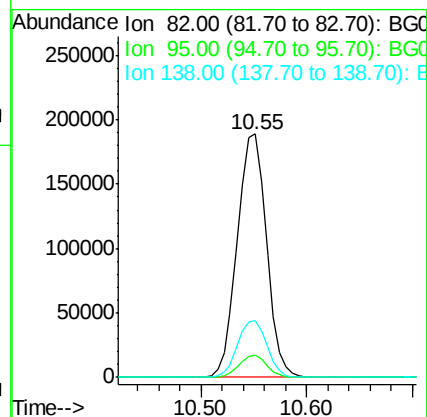
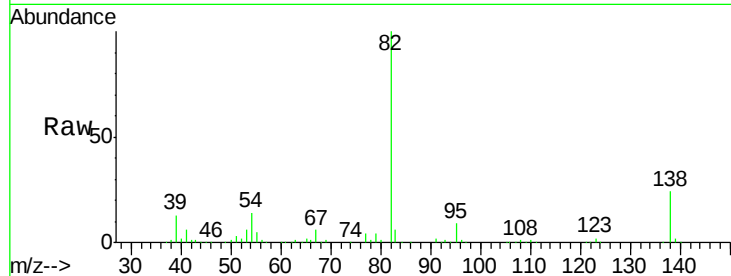
Tgt Ion: 82 Resp: 361763

Ion Ratio Lower Upper

82 100

95 9.2 6.2 9.2

138 23.5 12.1 18.1#



#26

2-Nitrophenol

Concen: 56.355 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

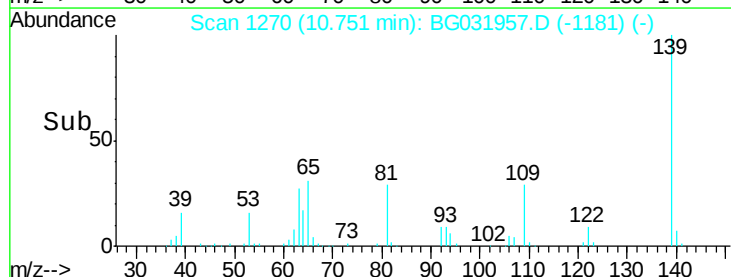
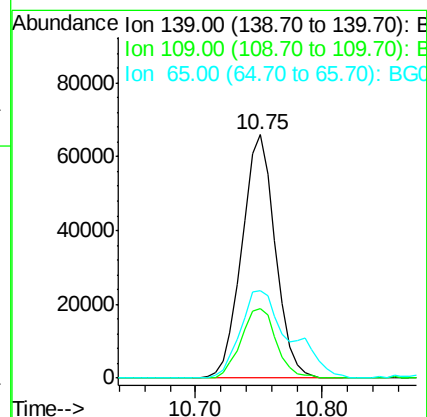
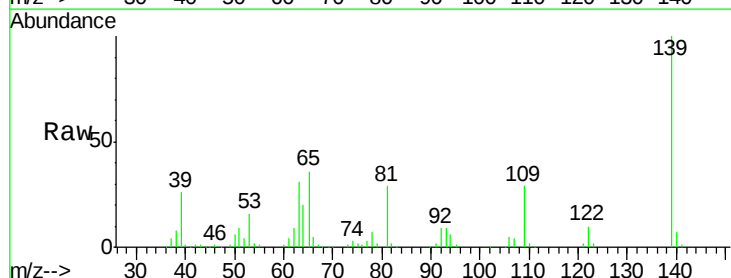
Tgt Ion: 139 Resp: 120366

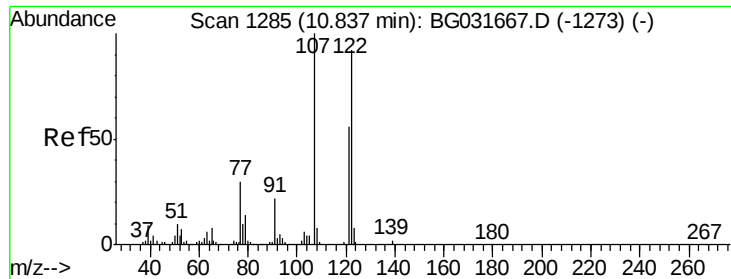
Ion Ratio Lower Upper

139 100

109 28.7 24.2 36.2

65 35.7 47.4 71.0#

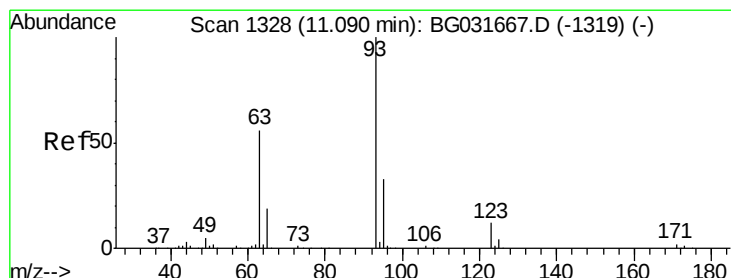
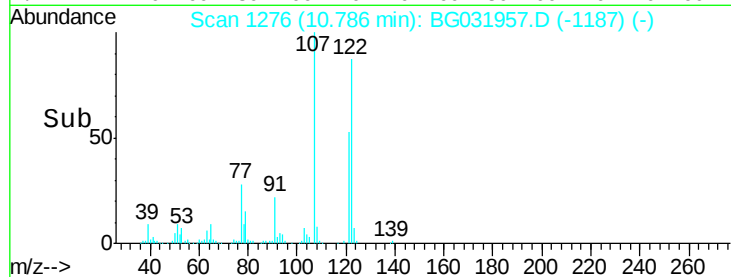
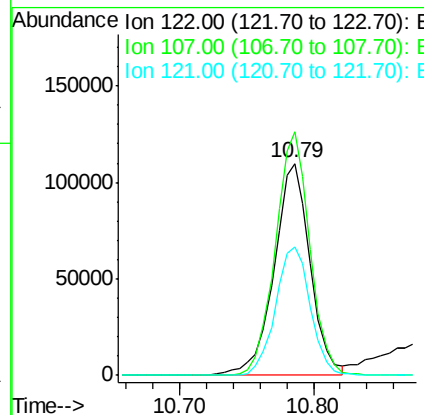
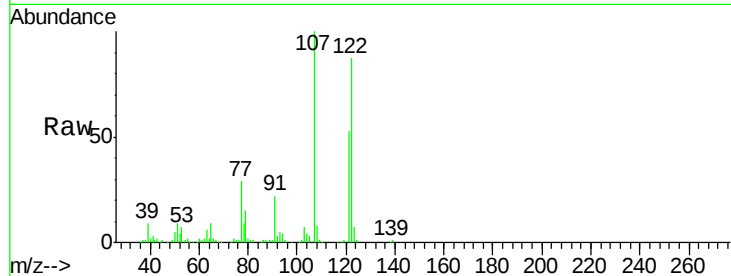




#27
 2,4-Dimethylphenol
 Concen: 45.874 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

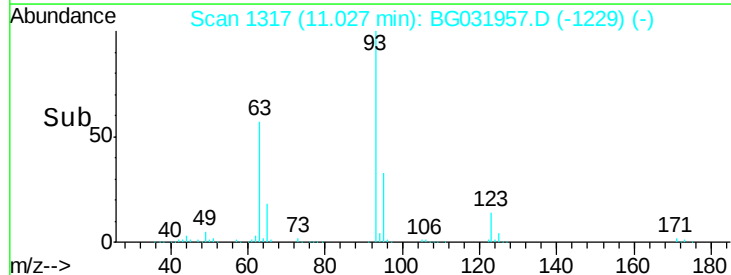
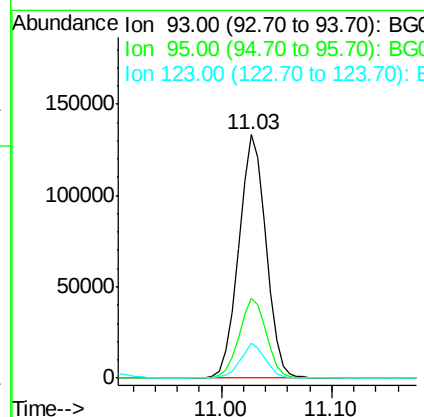
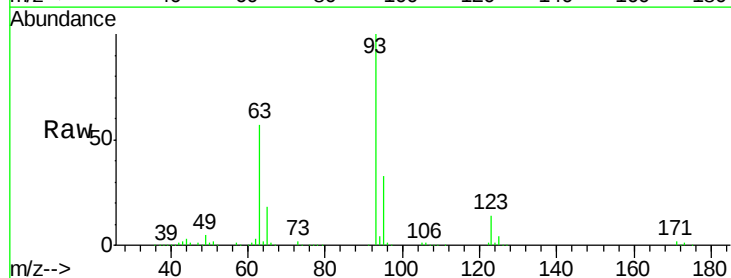
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

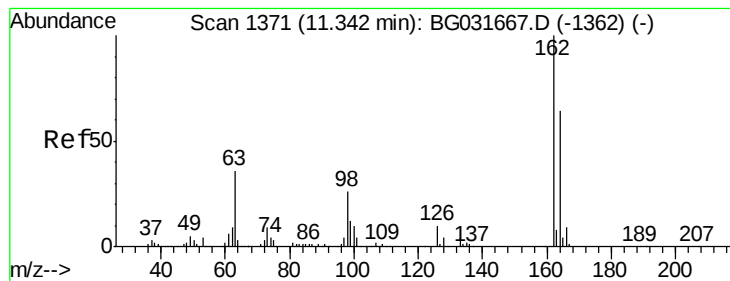
Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.8	100.2	150.2
121	60.3	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.391 ng
 RT: 11.03 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	24.3	36.5
123	14.4	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 45.917 ng

RT: 11.29 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

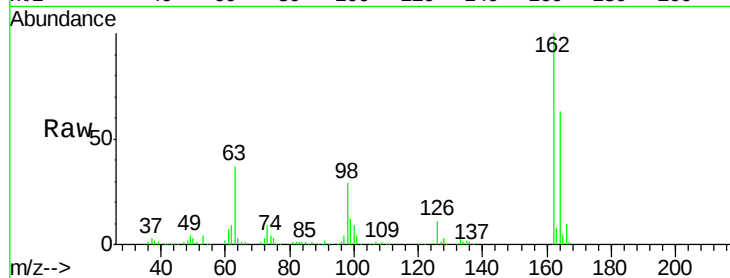
Tgt Ion:162 Resp: 242272

Ion Ratio Lower Upper

162 100

164 62.7 48.0 88.0

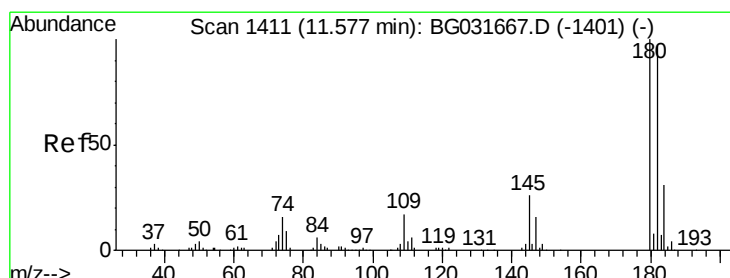
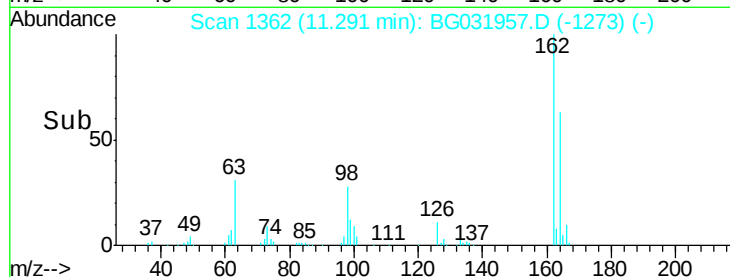
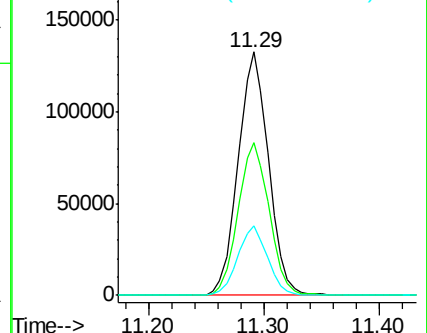
98 28.6 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.283 ng

RT: 11.52 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

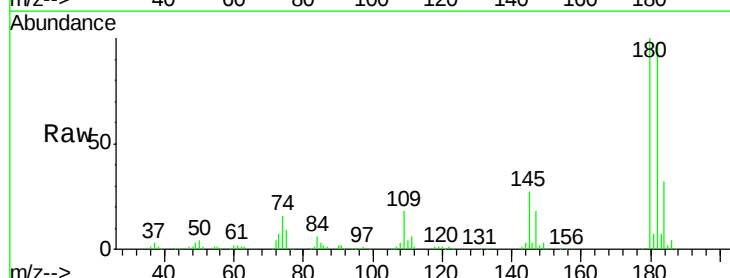
Tgt Ion:180 Resp: 259515

Ion Ratio Lower Upper

180 100

182 96.9 77.5 116.3

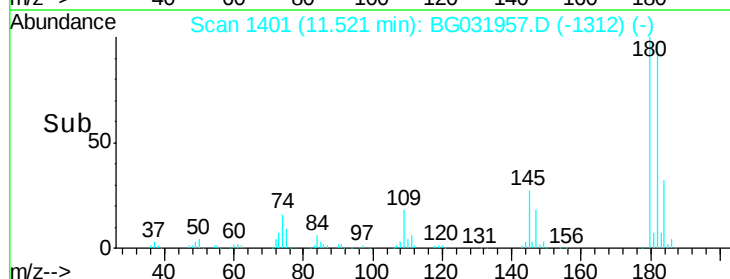
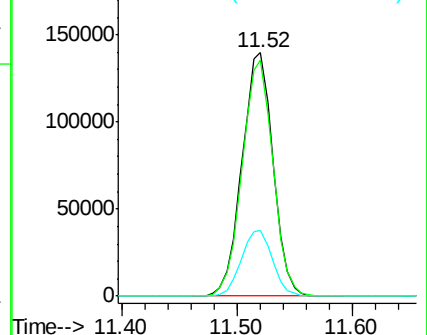
145 27.0 23.4 35.2



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

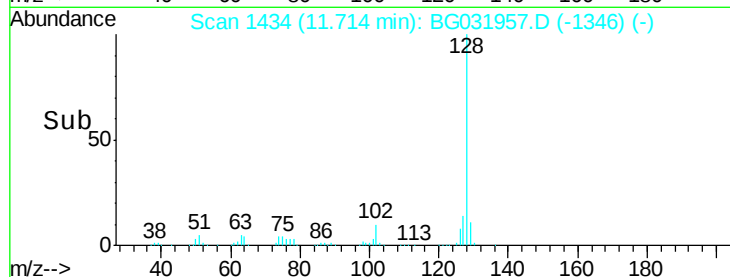
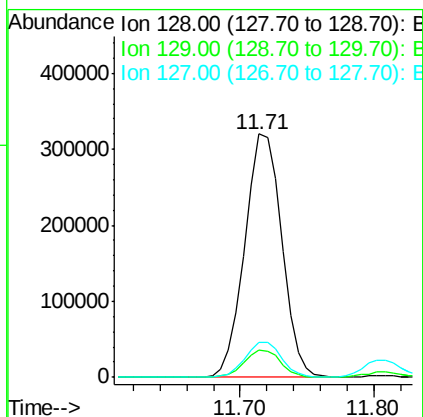
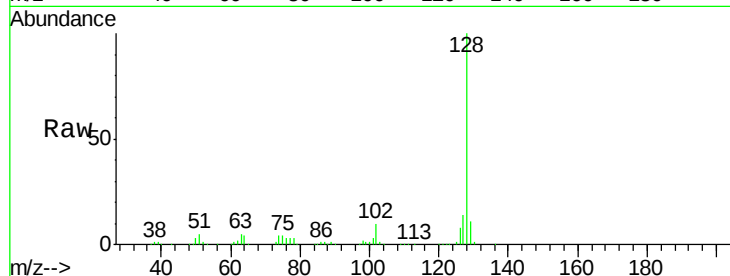




#31
Naphthalene
Concen: 40.811 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

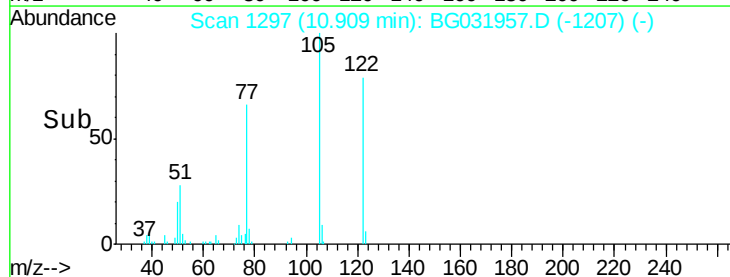
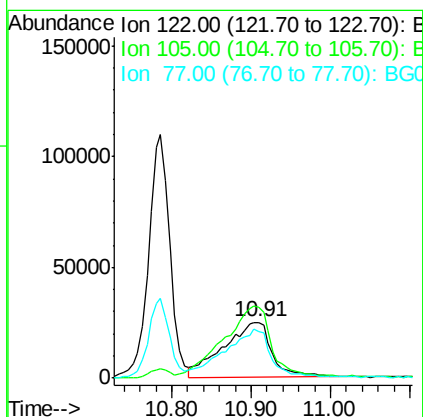
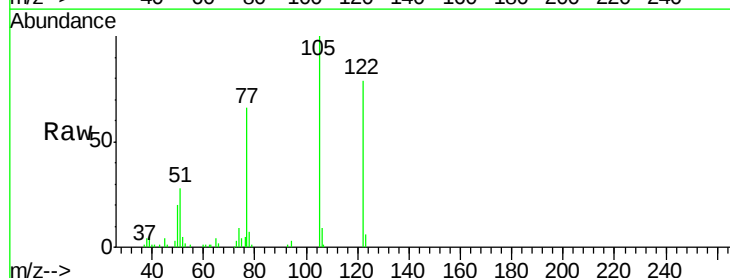
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

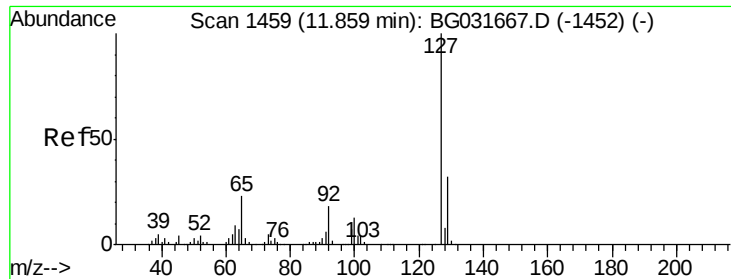
Tgt Ion:128 Resp: 614723
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.4 11.6 17.4



#32
Benzoic acid
Concen: 35.970 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Tgt Ion:122 Resp: 104269
Ion Ratio Lower Upper
122 100
105 126.1 123.5 163.5
77 83.1 85.7 125.7#

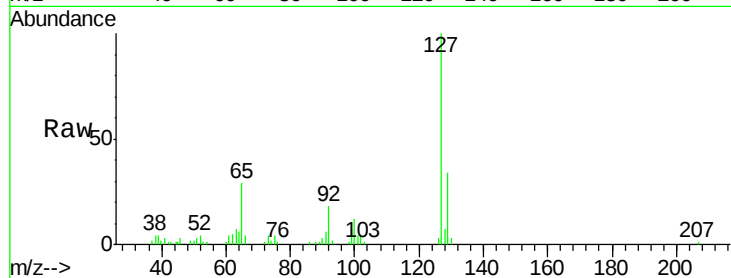




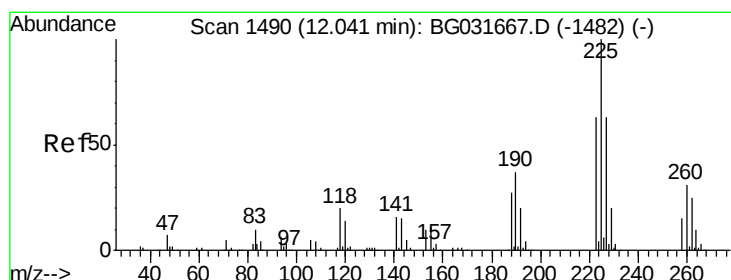
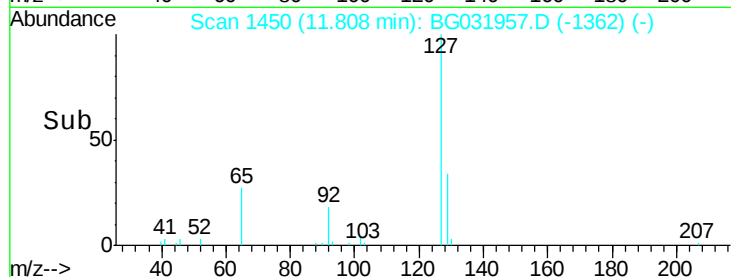
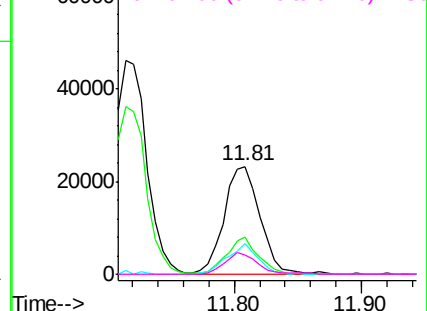
#33
4-Chloroaniline
Concen: 6.787 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

Tgt Ion:	127	Resp:	45513
Ion	Ratio	Lower	Upper
127	100		
129	33.9	24.0	36.0
65	28.6	27.0	40.4
92	17.8	16.6	25.0

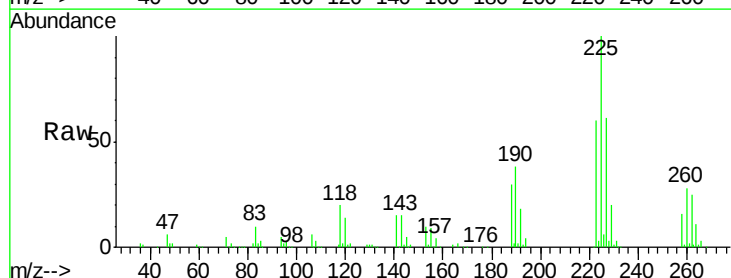


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

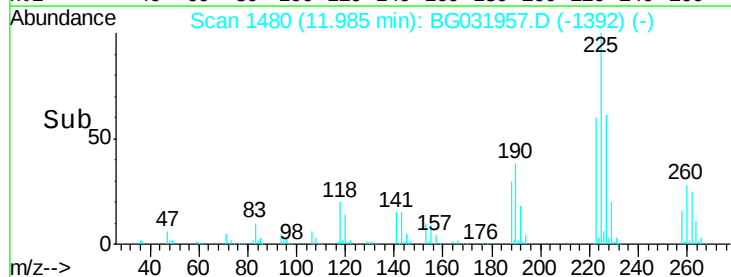
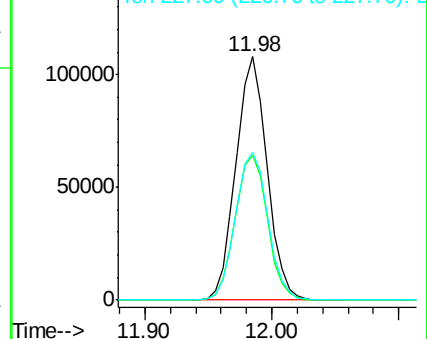


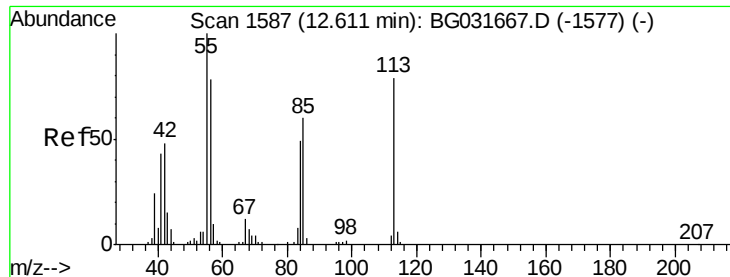
#34
Hexachlorobutadiene
Concen: 41.511 ng
RT: 11.98 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Tgt Ion:	225	Resp:	183595
Ion	Ratio	Lower	Upper
225	100		
223	59.6	49.7	74.5
227	60.8	48.1	72.1



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

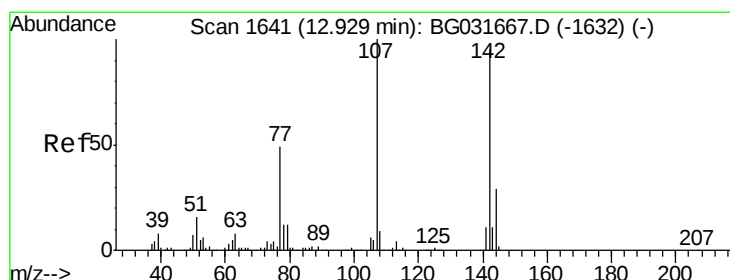
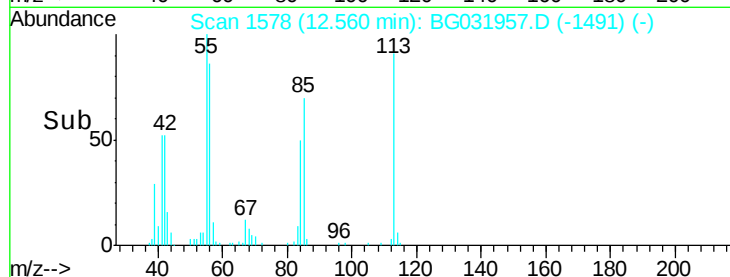
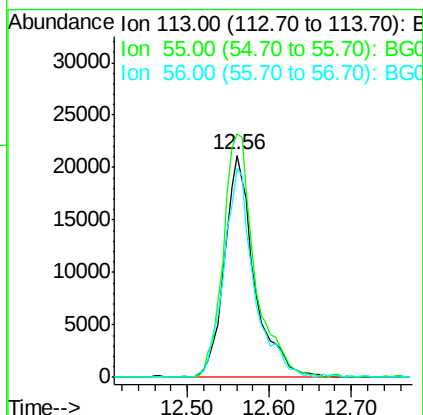
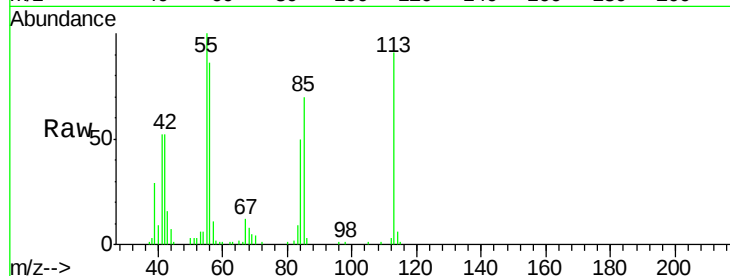




#35
 Caprolactam
 Concen: 33.754 ng
 RT: 12.56 min Scan# 1578
 Delta R.T. -0.02 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

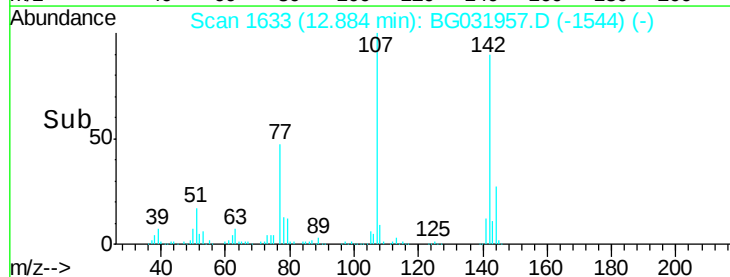
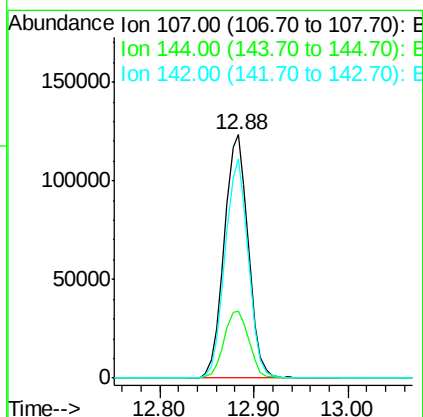
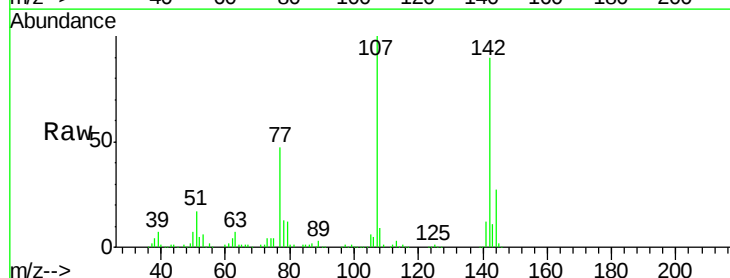
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

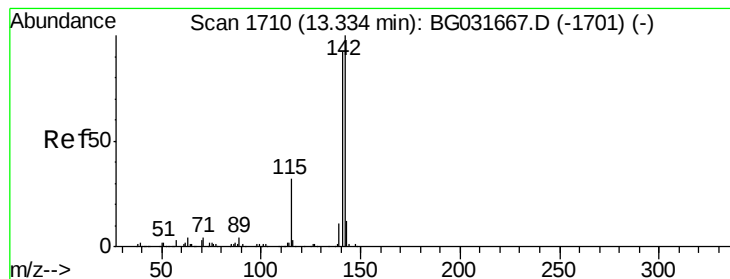
Tgt Ion:113 Resp: 53984
 Ion Ratio Lower Upper
 113 100
 55 109.6 186.9 226.9#
 56 93.9 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 45.048 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Tgt Ion:107 Resp: 219515
 Ion Ratio Lower Upper
 107 100
 144 27.3 18.2 27.4
 142 90.2 59.0 88.4#





#37

2-Methylnaphthalene

Concen: 41.128 ng

RT: 13.28 min Scan# 1700

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

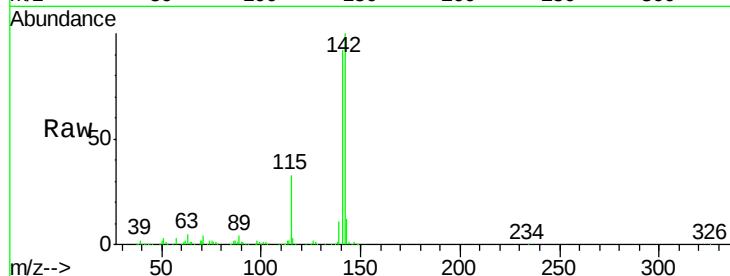
Tgt Ion:142 Resp: 502205

Ion Ratio Lower Upper

142 100

141 92.3 67.1 100.7

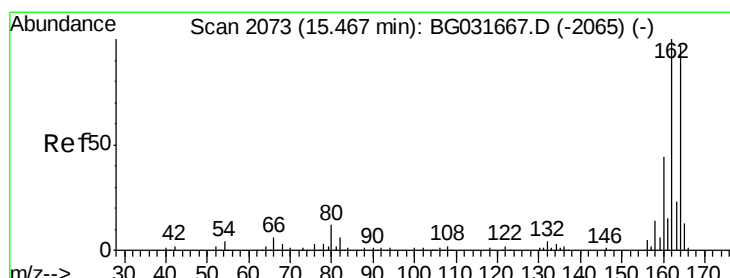
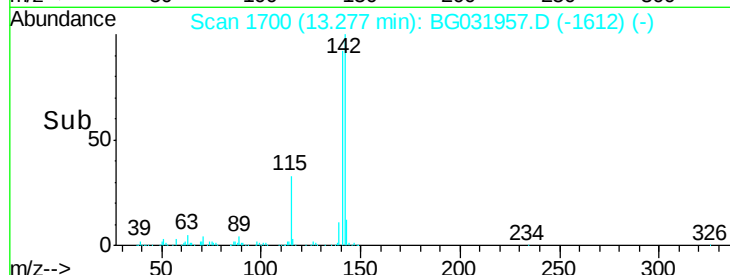
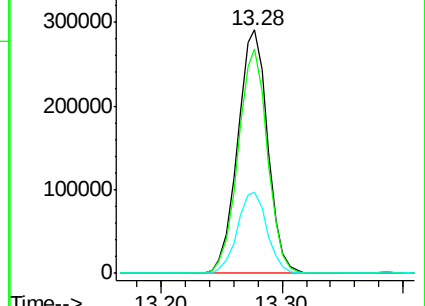
115 33.4 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.42 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

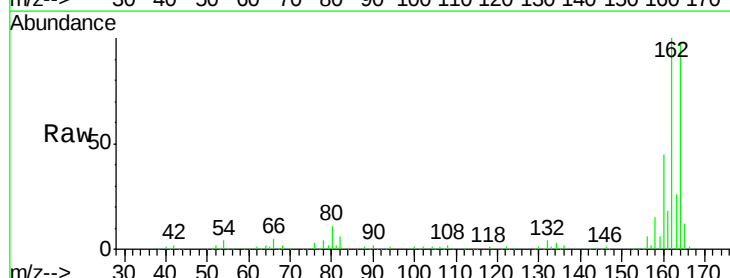
Tgt Ion:164 Resp: 195784

Ion Ratio Lower Upper

164 100

162 102.6 78.8 118.2

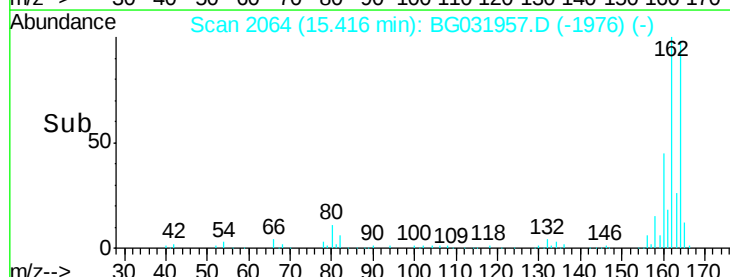
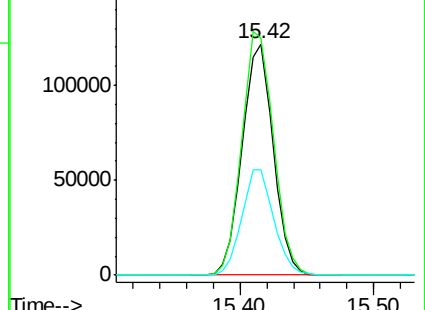
160 45.7 35.4 53.0

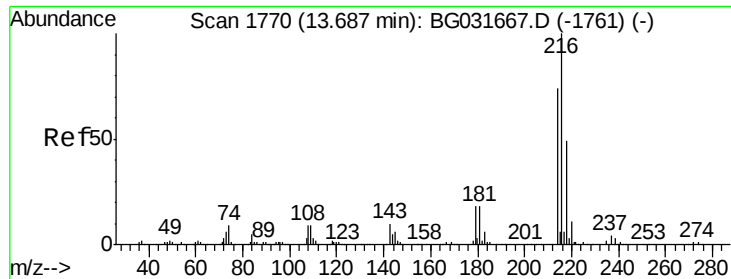


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

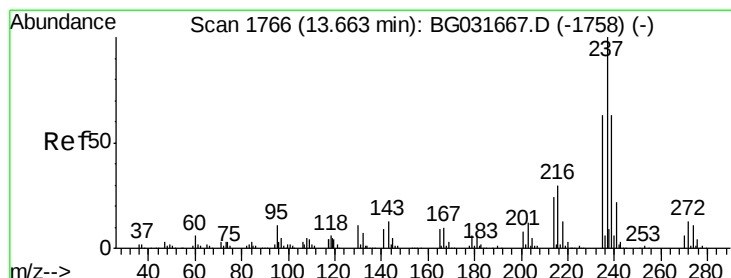
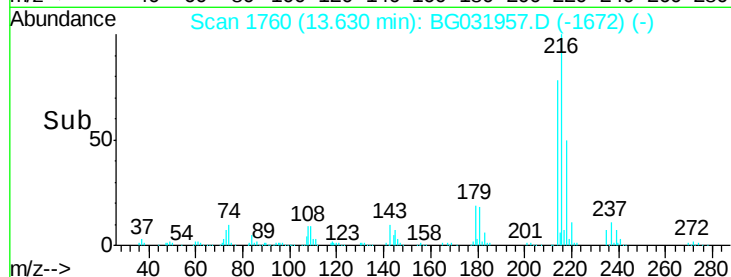
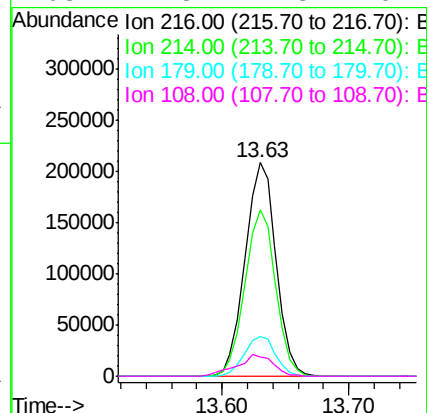
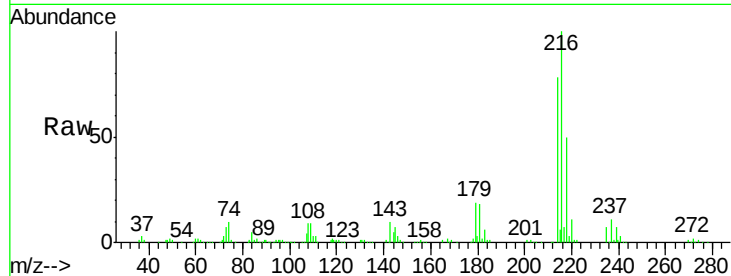




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.796 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

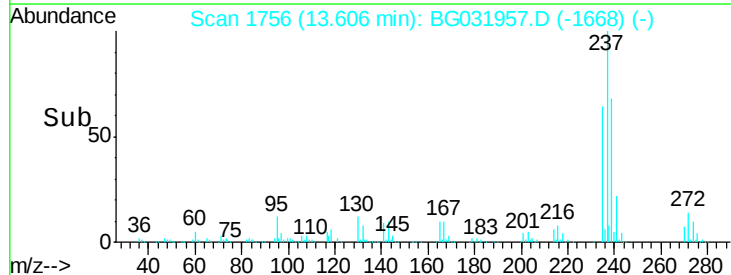
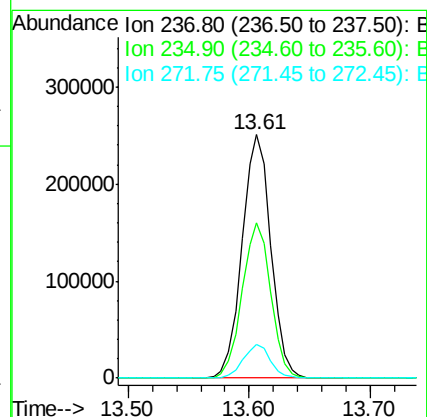
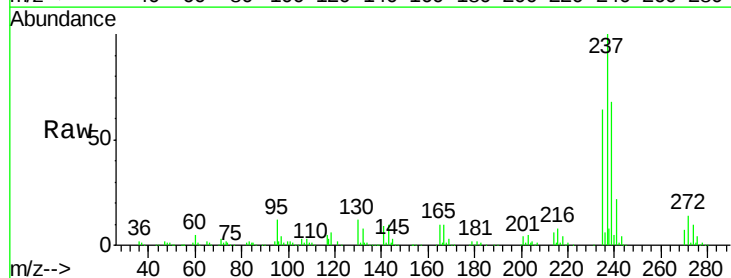
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

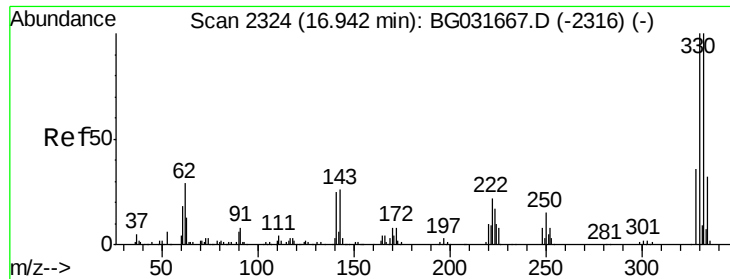
Tgt Ion:	216	Resp:	352923
Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.0	94.4
179	18.8	17.0	25.6
108	11.8	12.8	19.2#



#40
 Hexachlorocyclopentadiene
 Concen: 95.616 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Tgt Ion:	237	Resp:	415968
Ion	Ratio	Lower	Upper
237	100		
235	63.5	50.4	90.4
272	13.6	0.0	31.8

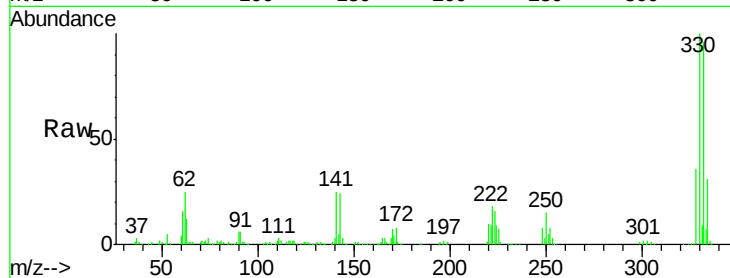




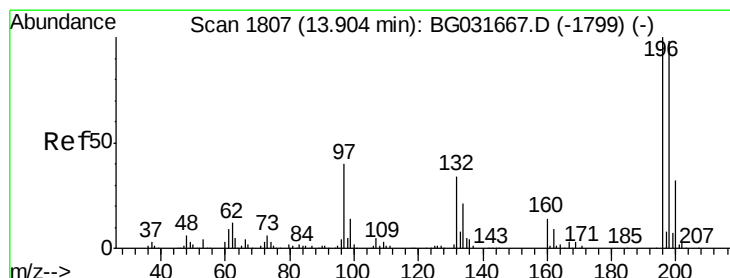
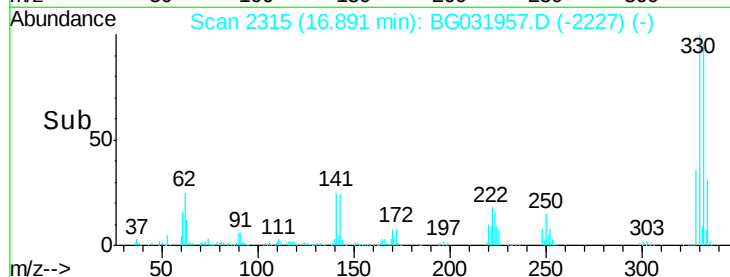
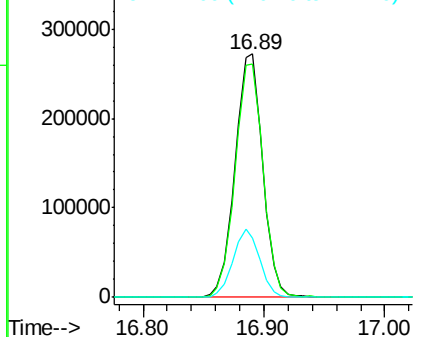
#41
 2,4,6-Tribromophenol
 Concen: 145.512 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

Tgt Ion:330 Resp: 434701
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 27.2 25.2 37.8

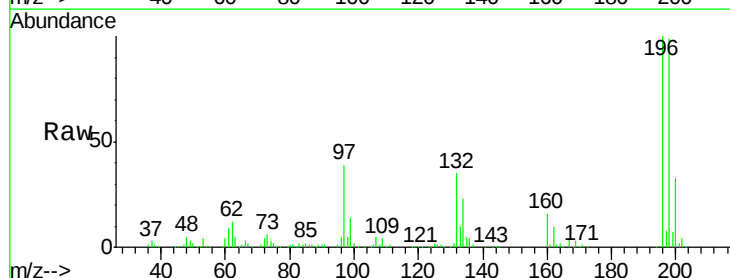


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

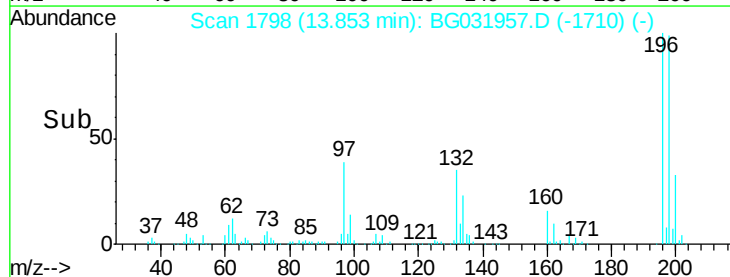
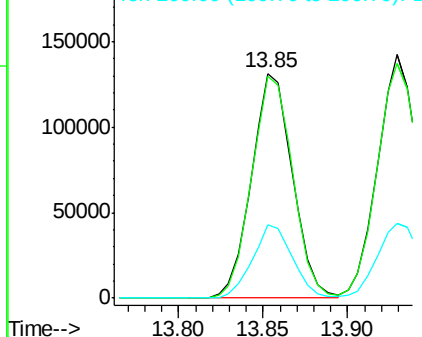


#42
 2,4,6-Trichlorophenol
 Concen: 46.597 ng
 RT: 13.85 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Tgt Ion:196 Resp: 221553
 Ion Ratio Lower Upper
 196 100
 198 98.6 78.2 117.2
 200 32.6 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

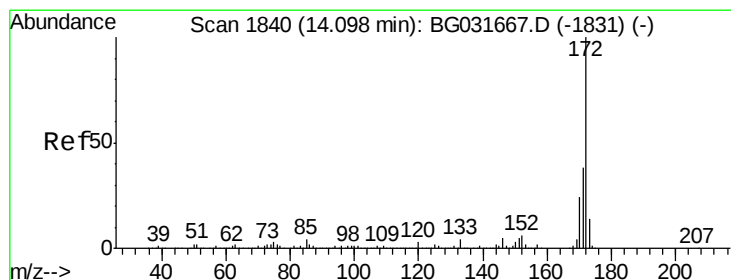
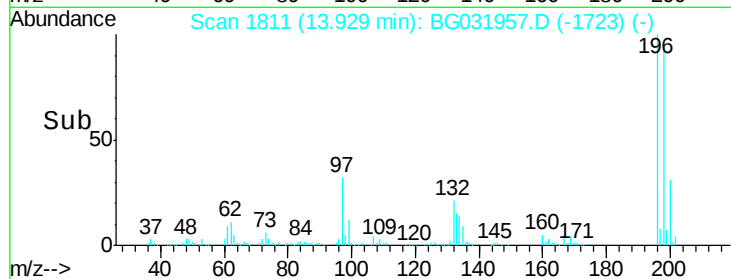
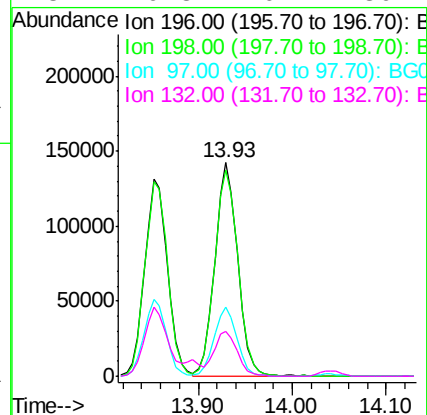
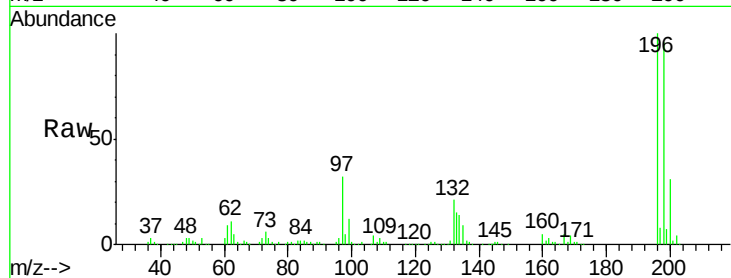




#43
 2,4,5-Trichlorophenol
 Concen: 45.826 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

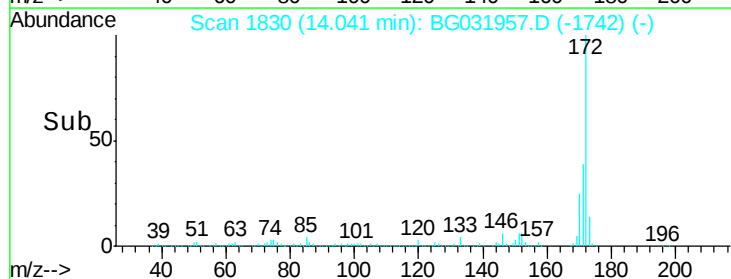
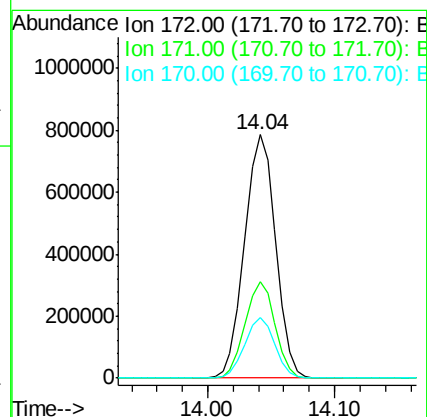
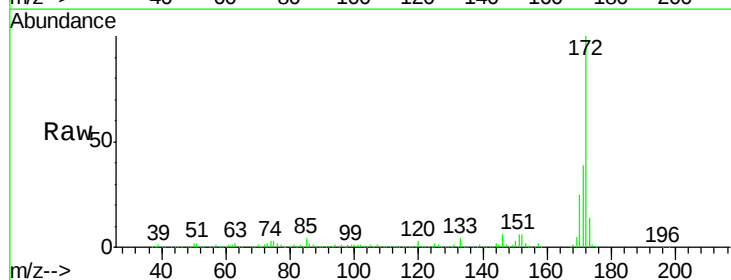
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

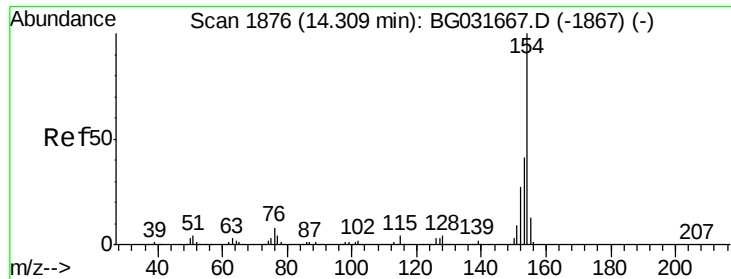
Tgt Ion	Resp	Lower	Upper
196	241462		
196	100		
198	96.3	76.2	114.4
97	32.3	38.7	58.1#
132	20.8	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 85.585 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Tgt Ion	Resp	Lower	Upper
172	1335012		
172	100		
171	39.4	30.0	45.0
170	25.1	19.5	29.3





#45

1,1'-Biphenyl

Concen: 42.731 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

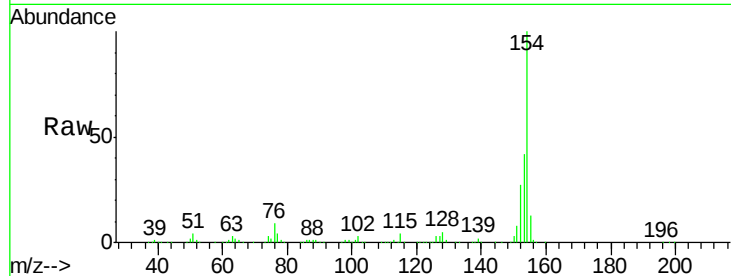
Tgt Ion:154 Resp: 714543

Ion Ratio Lower Upper

154 100

153 41.9 19.8 59.8

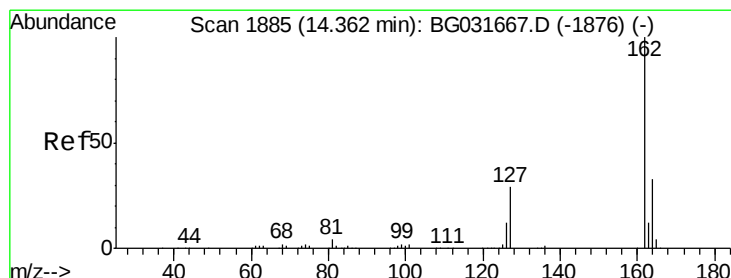
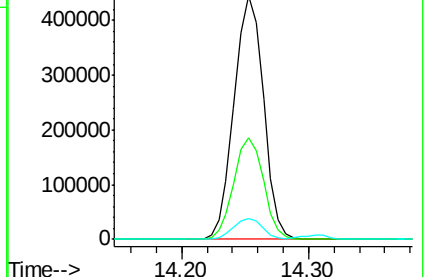
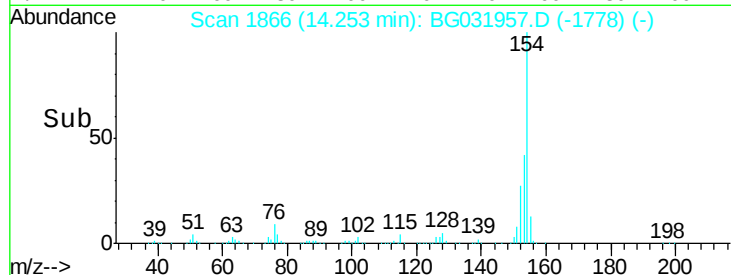
76 8.6 0.0 31.9



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: 42.413 ng

RT: 14.31 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

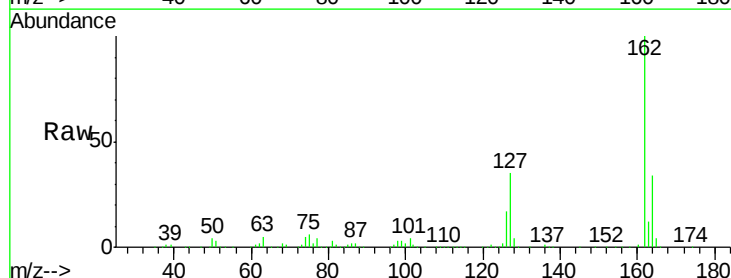
Tgt Ion:162 Resp: 540959

Ion Ratio Lower Upper

162 100

127 34.7 30.7 46.1

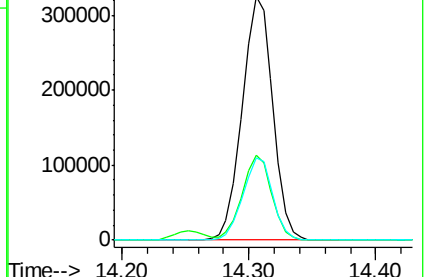
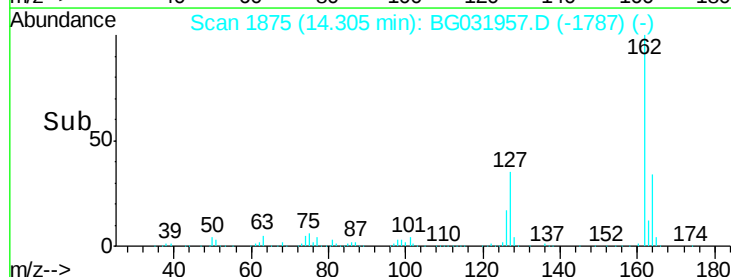
164 33.8 26.0 39.0

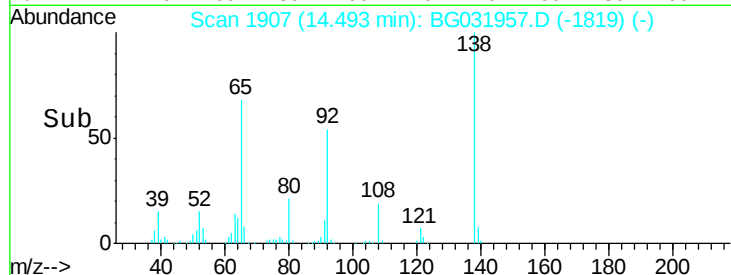
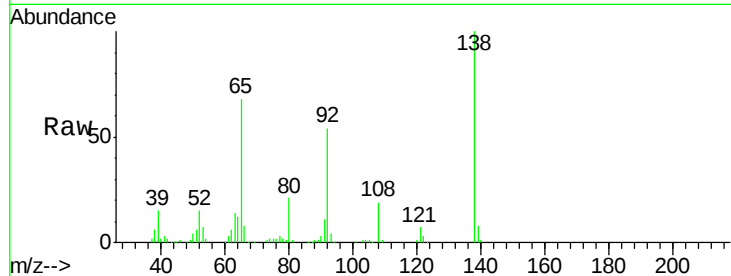
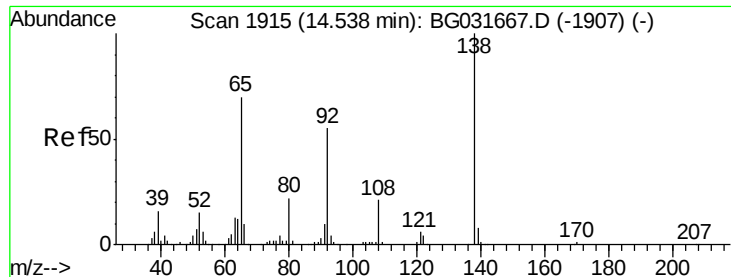


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

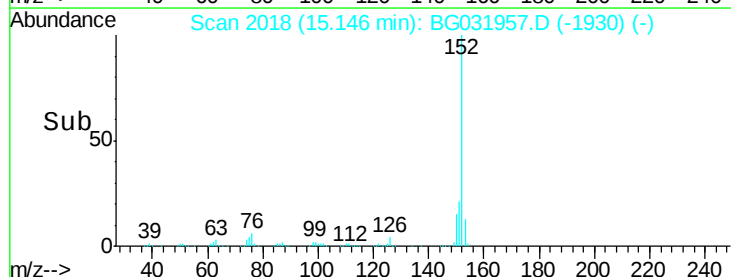
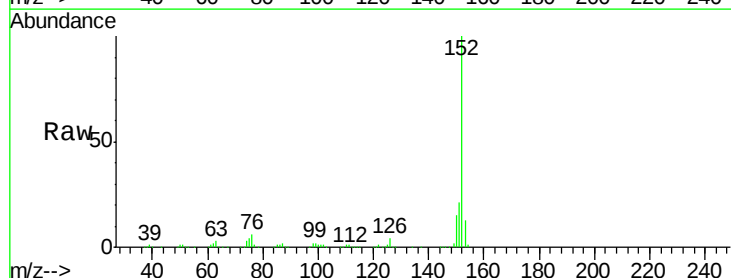
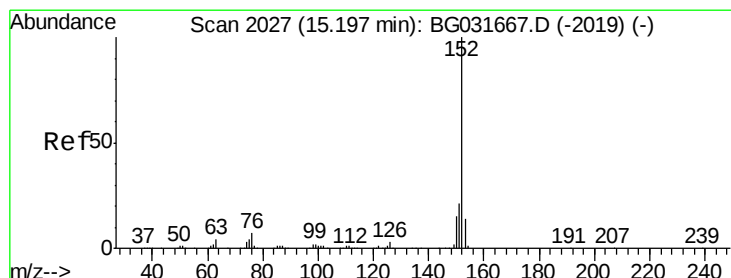
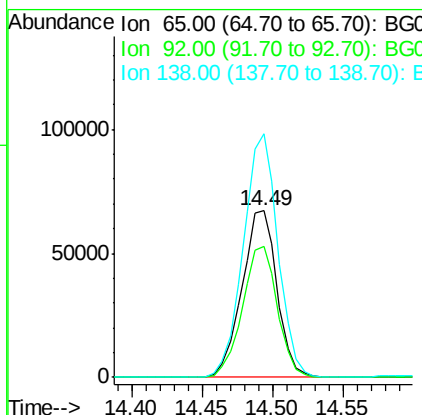




#47
2-Nitroaniline
Concen: 53.011 ng
RT: 14.49 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

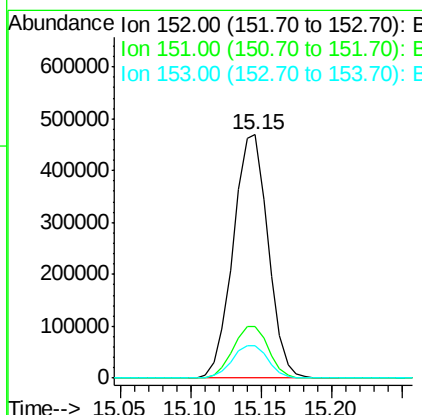
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

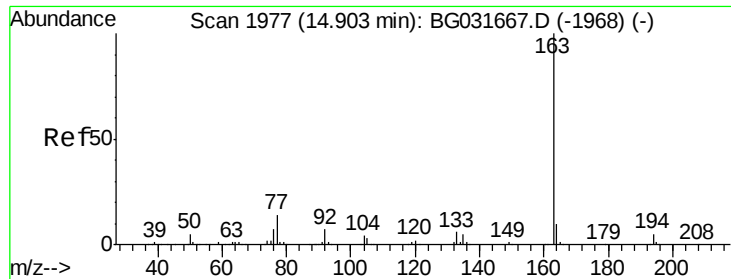
Tgt Ion: 65 Resp: 116775
Ion Ratio Lower Upper
65 100
92 78.8 54.6 82.0
138 146.5 72.9 109.3#



#48
Acenaphthylene
Concen: 39.692 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Tgt Ion: 152 Resp: 809917
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 40.874 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

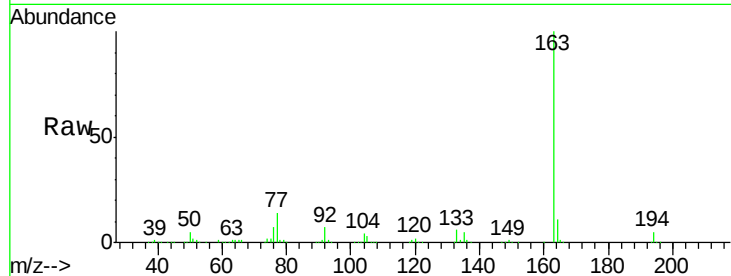
Tgt Ion:163 Resp: 704990

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

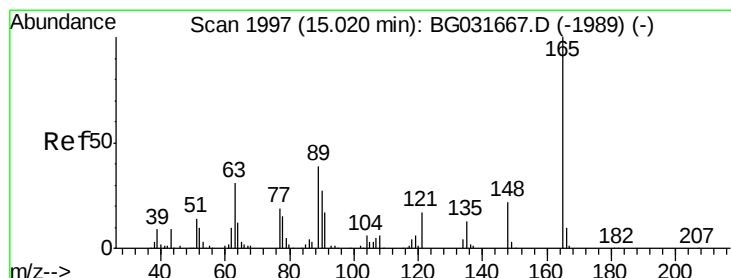
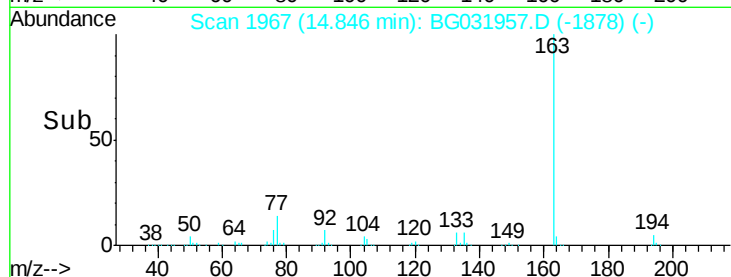
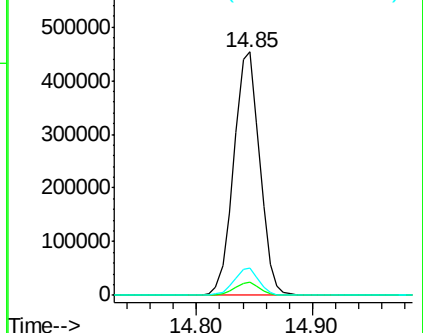
164 11.2 8.2 12.4



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: 50.509 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

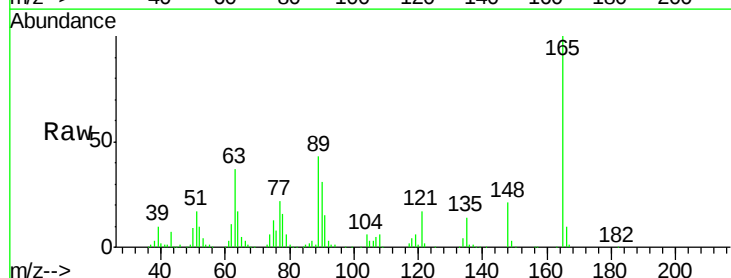
Tgt Ion:165 Resp: 160262

Ion Ratio Lower Upper

165 100

63 37.1 52.7 79.1#

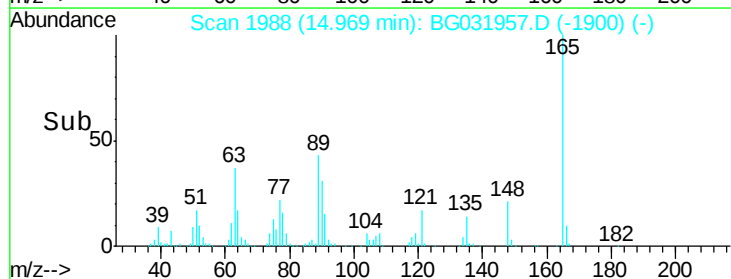
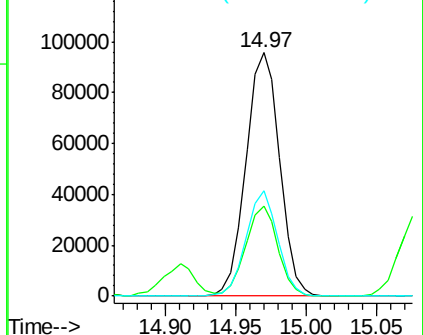
89 43.5 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.194 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.02 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

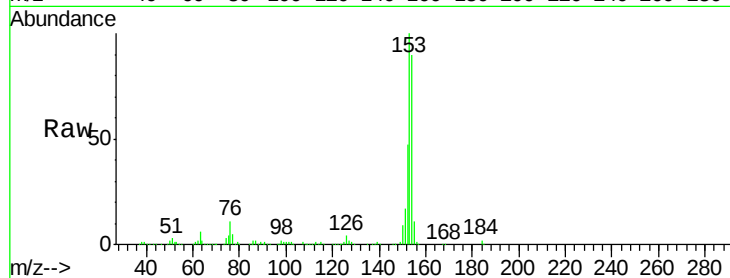
Tgt Ion:154 Resp: 590605

Ion Ratio Lower Upper

154 100

153 110.9 90.4 135.6

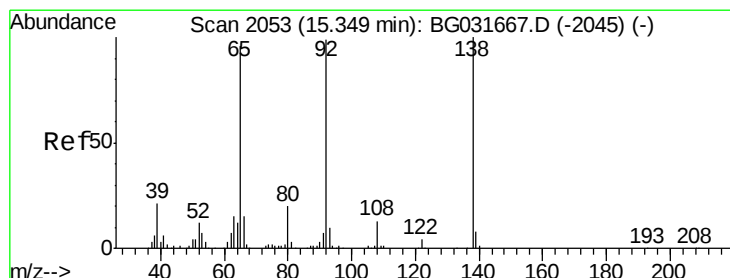
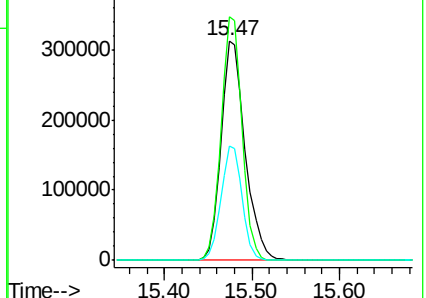
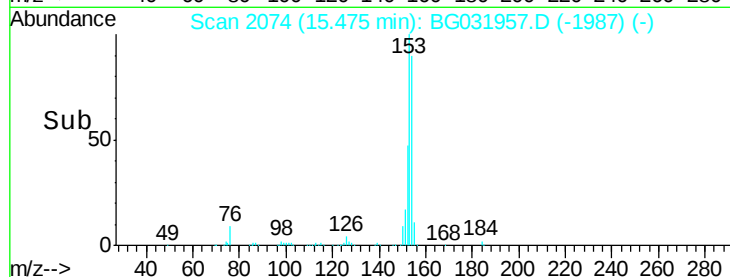
152 52.1 41.6 62.4



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: 17.021 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

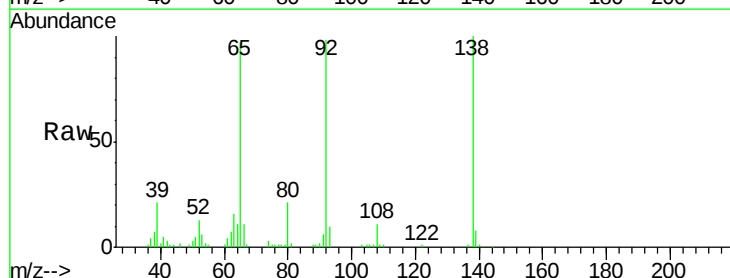
Tgt Ion:138 Resp: 52690

Ion Ratio Lower Upper

138 100

108 11.2 17.5 26.3#

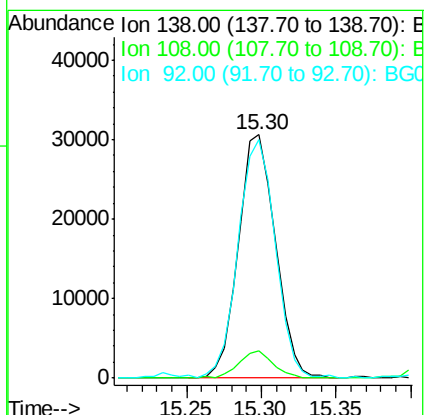
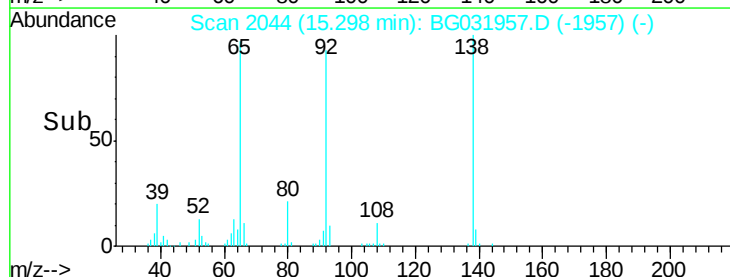
92 98.2 105.8 158.8#

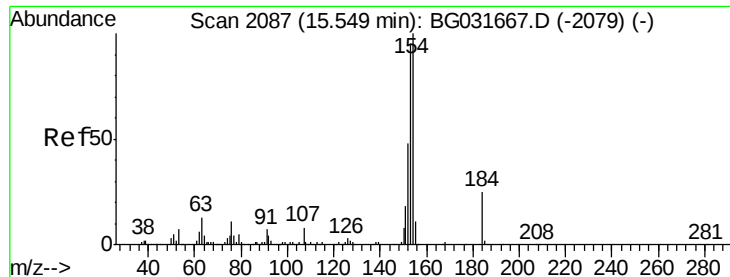


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

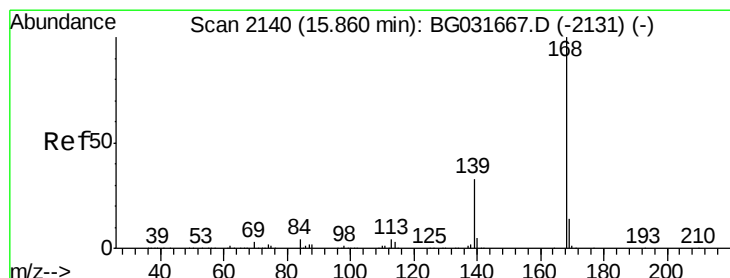
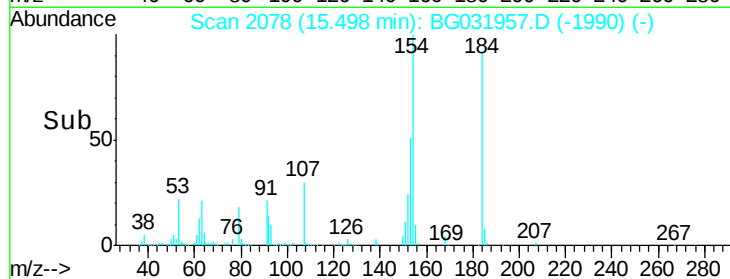
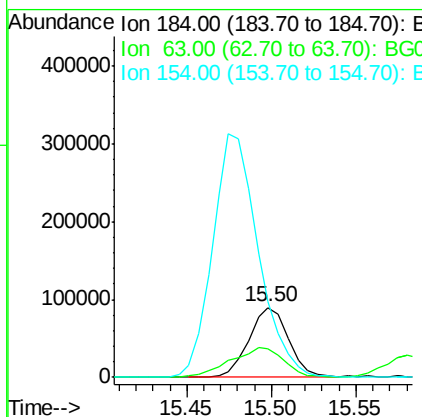
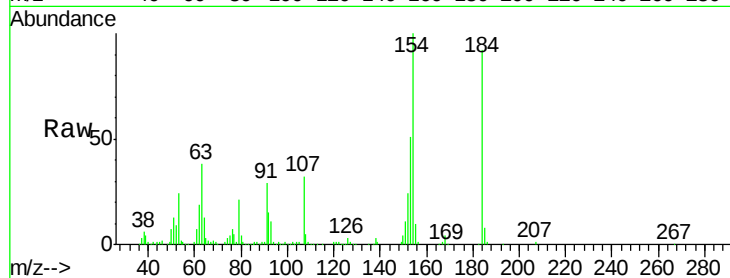




#53
 2,4-Dinitrophenol
 Concen: 105.475 ng
 RT: 15.50 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

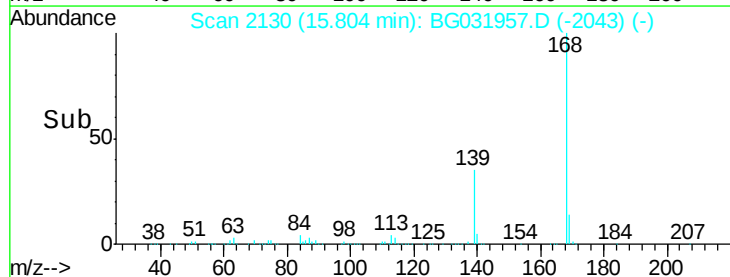
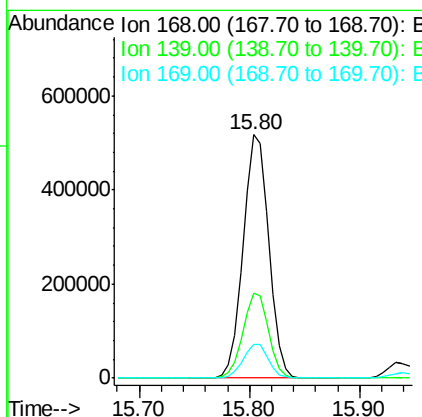
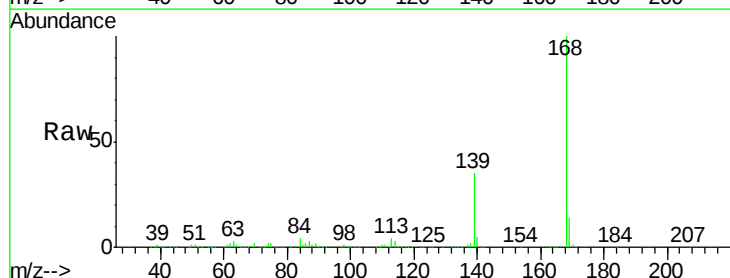
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

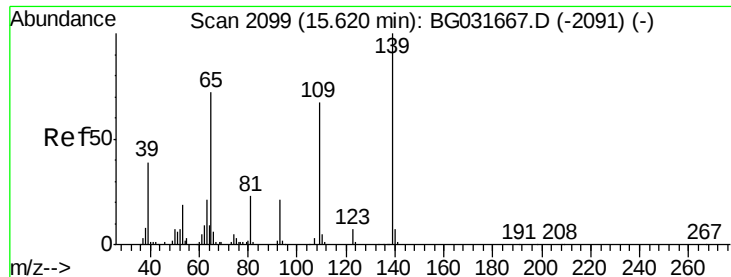
Tgt Ion	Ratio	Lower	Upper
184	100		
63	41.5	59.8	89.8#
154	108.7	101.8	152.8



#54
 Dibenzofuran
 Concen: 41.181 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.02 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.9	28.6	43.0
169	14.0	11.2	16.8

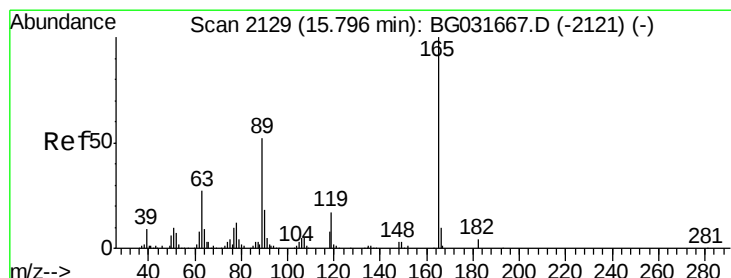
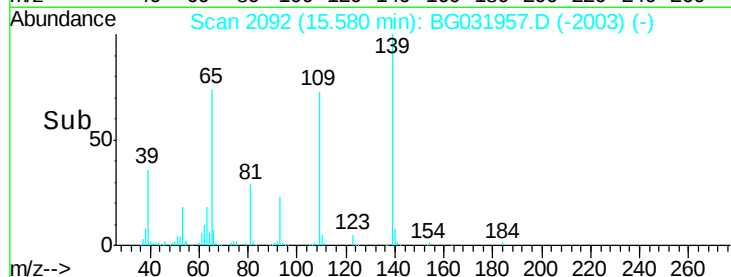
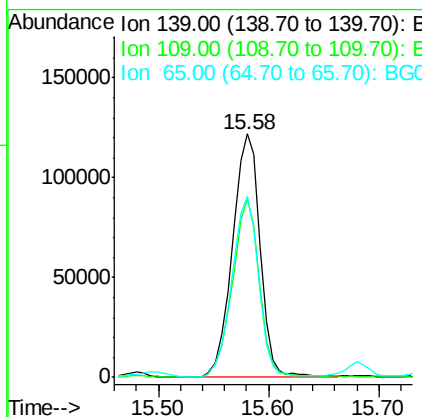
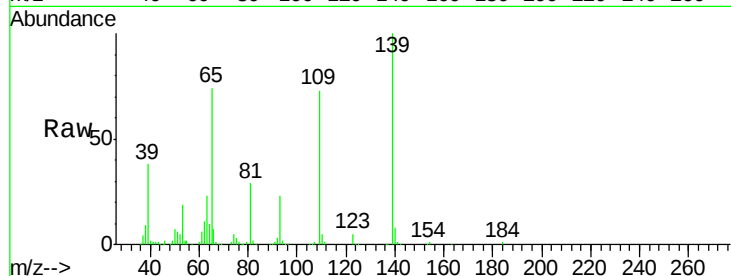




#55
4-Nitrophenol
Concen: 85.311 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

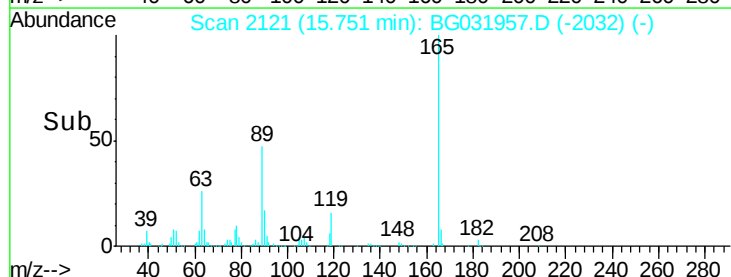
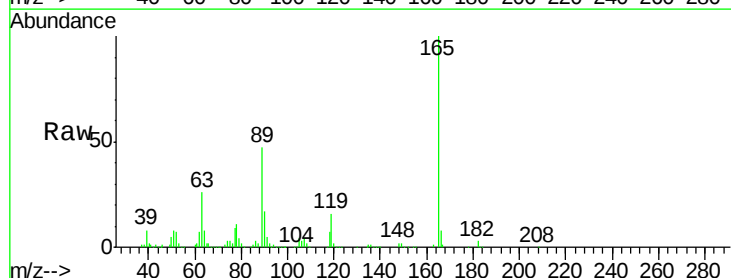
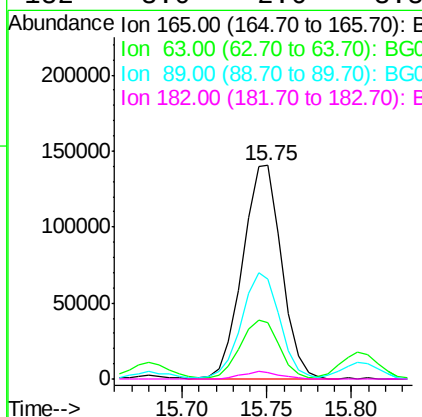
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

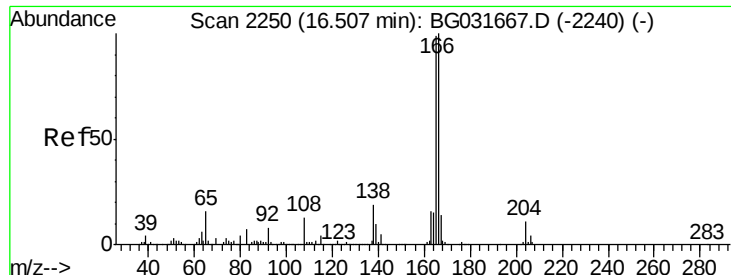
Tgt Ion:139 Resp: 214944
Ion Ratio Lower Upper
139 100
109 73.5 62.2 102.2
65 74.4 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 54.860 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Tgt Ion:165 Resp: 223826
Ion Ratio Lower Upper
165 100
63 26.5 42.0 63.0#
89 46.9 66.9 100.3#
182 3.0 2.6 3.8

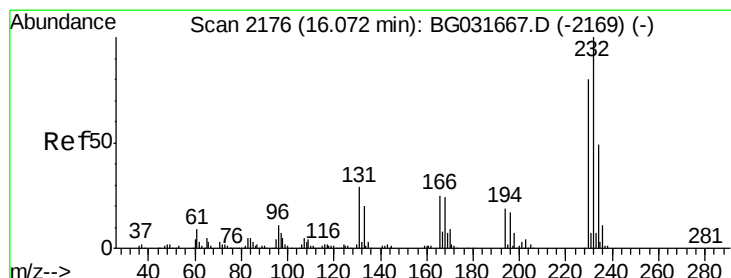
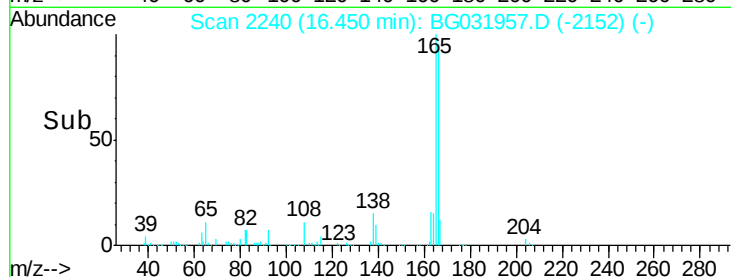
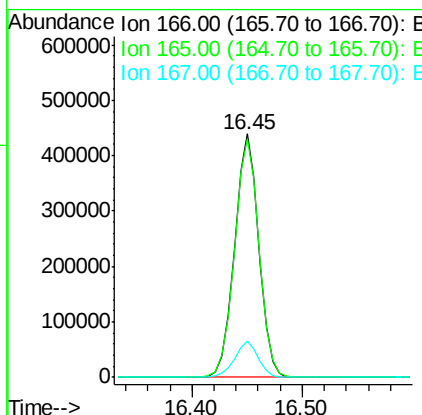
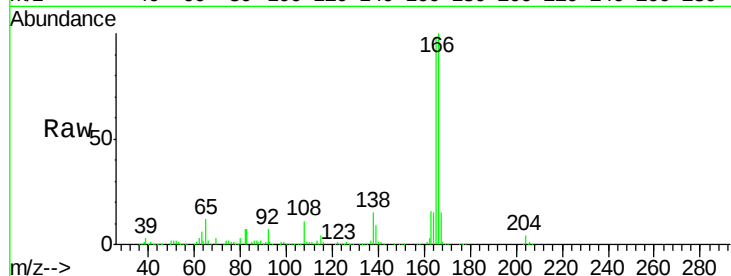




#57
 Fluorene
 Concen: 40.346 ng
 RT: 16.45 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

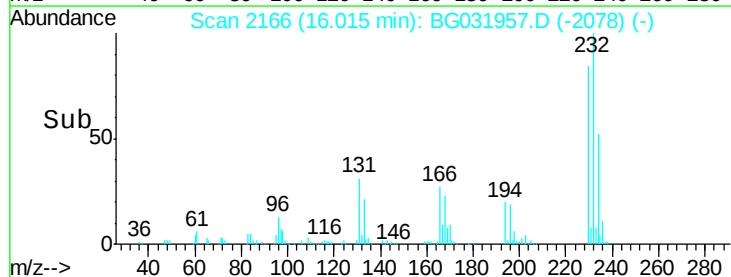
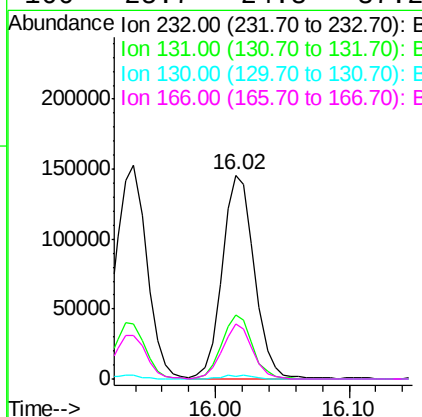
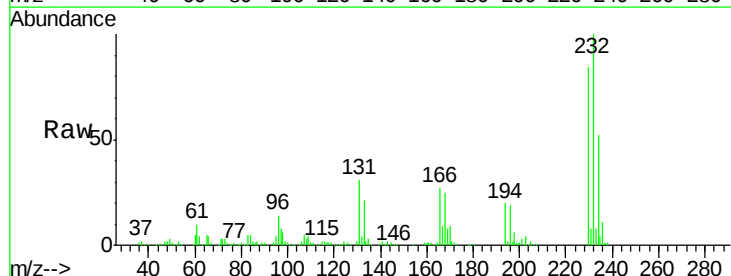
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

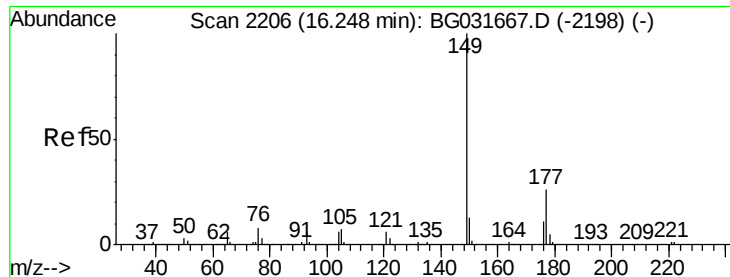
Tgt Ion:166 Resp: 671425
 Ion Ratio Lower Upper
 166 100
 165 97.8 80.6 121.0
 167 14.6 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.332 ng
 RT: 16.02 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Tgt Ion:232 Resp: 243327
 Ion Ratio Lower Upper
 232 100
 131 30.1 33.5 50.3#
 130 1.8 2.2 3.2#
 166 25.7 24.8 37.2





#59

Diethylphthalate

Concen: 40.212 ng

RT: 16.19 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

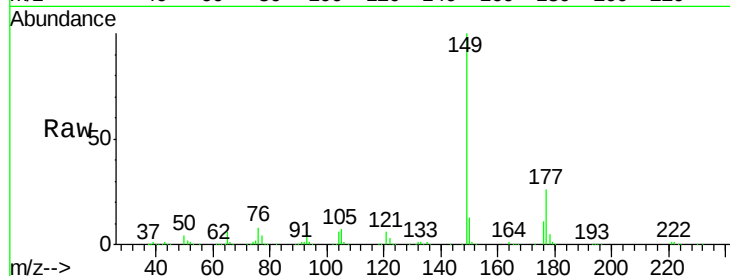
Tgt Ion:149 Resp: 675995

Ion Ratio Lower Upper

149 100

177 26.4 18.5 27.7

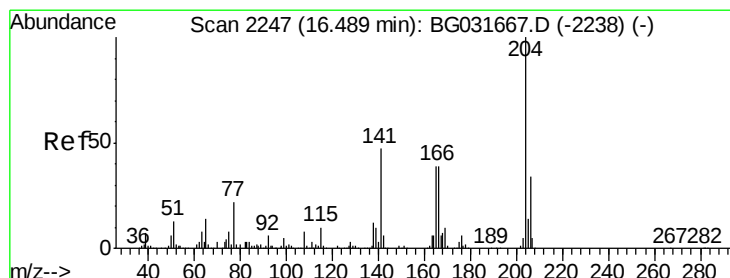
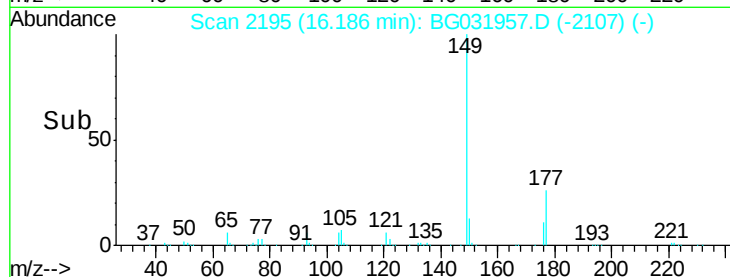
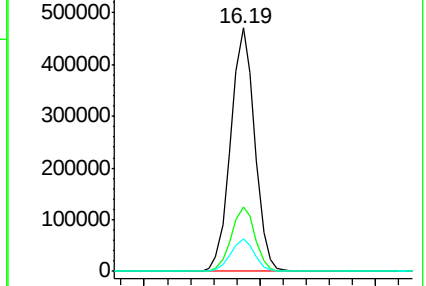
150 13.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.758 ng

RT: 16.43 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

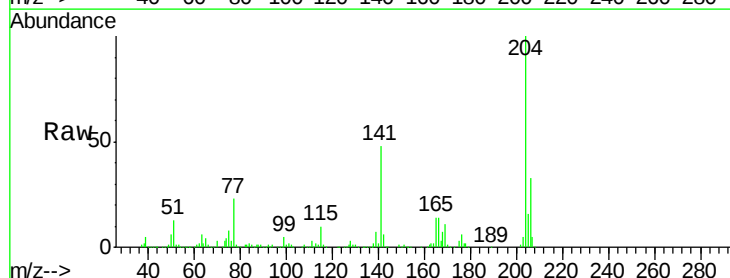
Tgt Ion:204 Resp: 415014

Ion Ratio Lower Upper

204 100

206 33.4 26.2 39.2

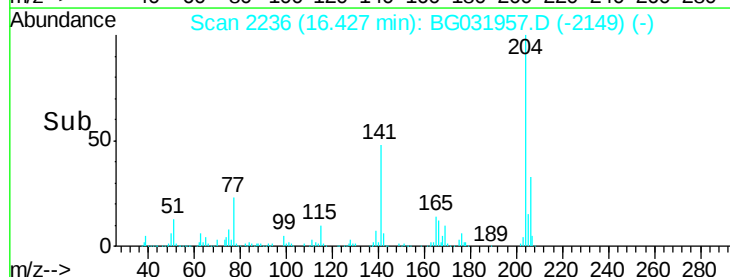
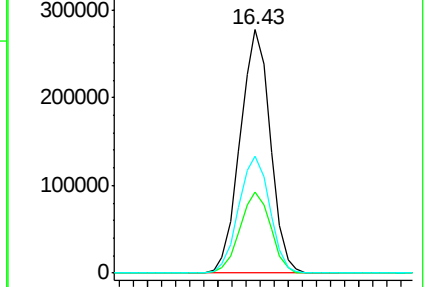
141 48.1 45.8 68.6

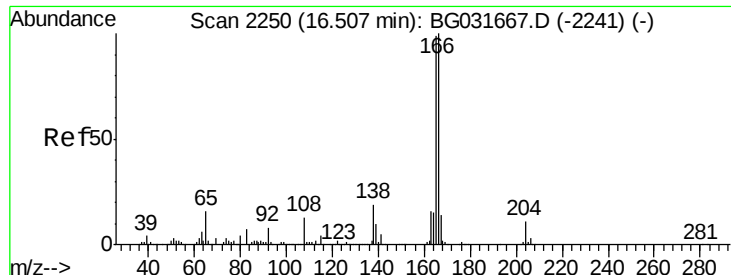


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

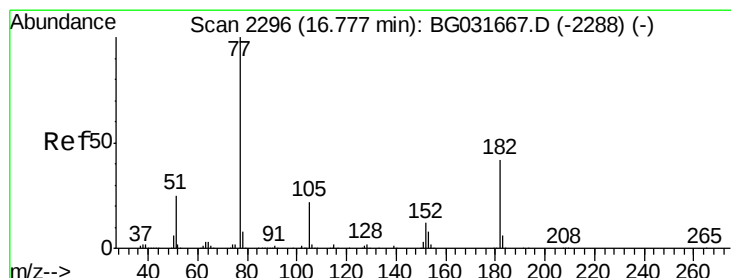
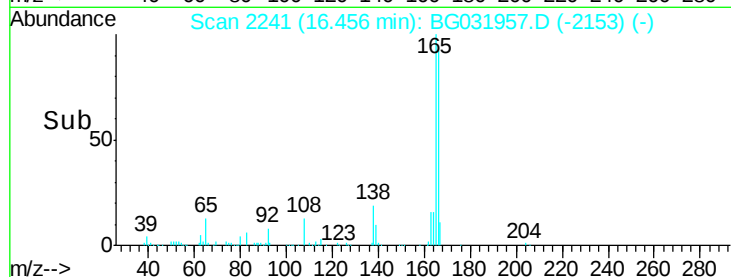
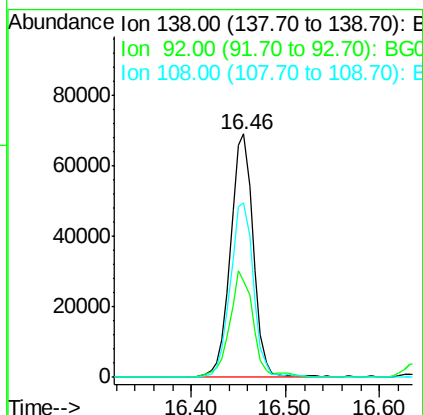
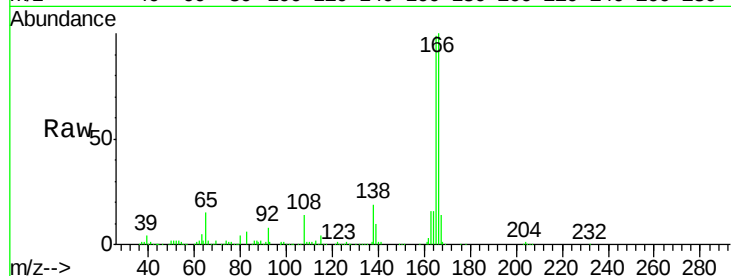




#61
4-Nitroaniline
Concen: 38.626 ng
RT: 16.46 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

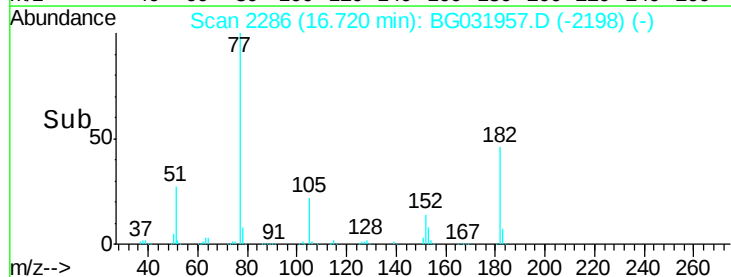
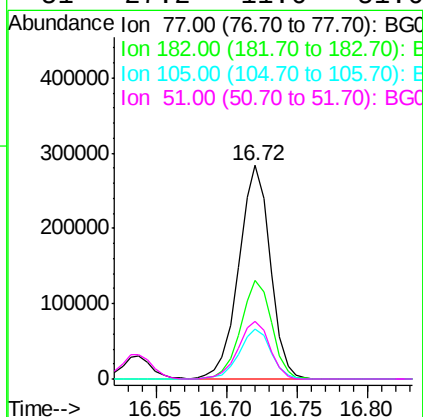
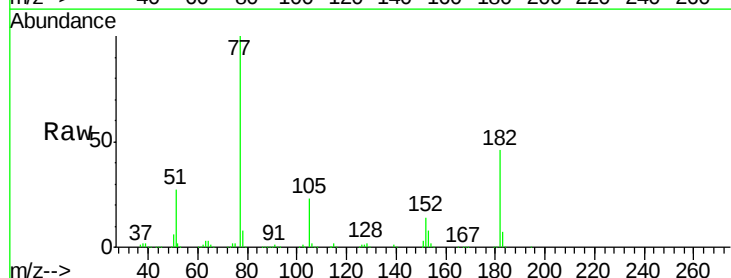
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

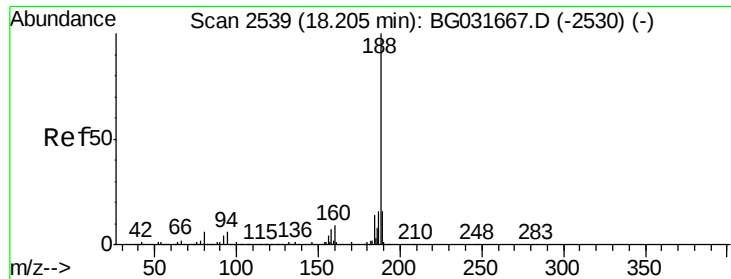
Tgt Ion: 138 Resp: 116684
Ion Ratio Lower Upper
138 100
92 39.8 40.1 80.1#
108 71.9 65.4 105.4



#62
Azobenzene
Concen: 40.927 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Tgt Ion: 77 Resp: 441236
Ion Ratio Lower Upper
77 100
182 45.9 7.4 47.4
105 23.2 0.3 40.3
51 27.2 11.6 51.6

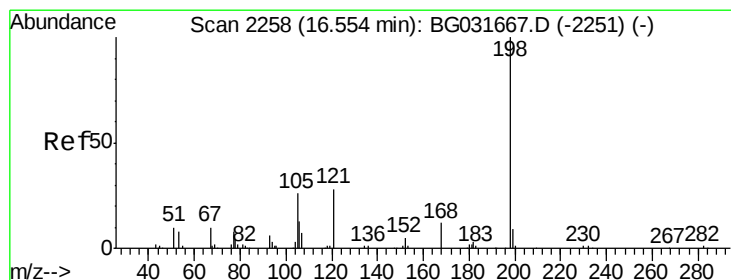
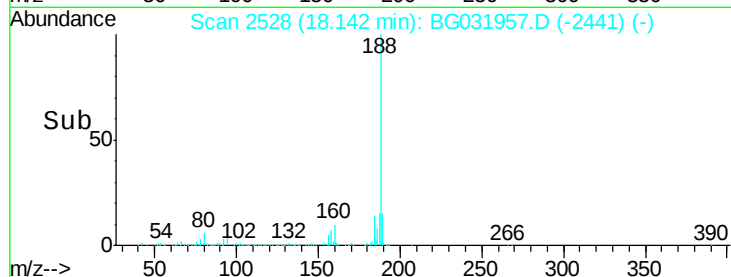
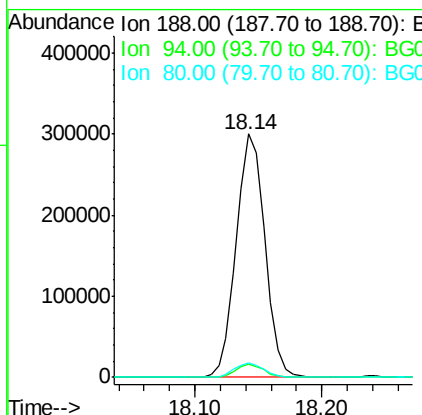
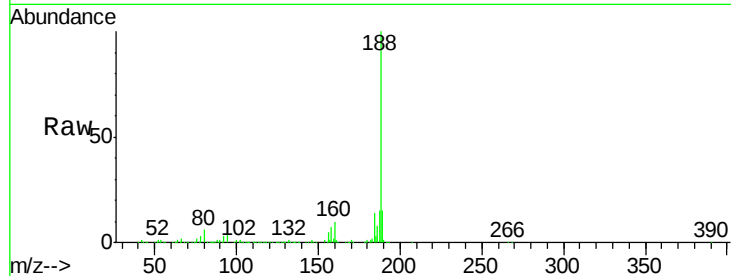




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

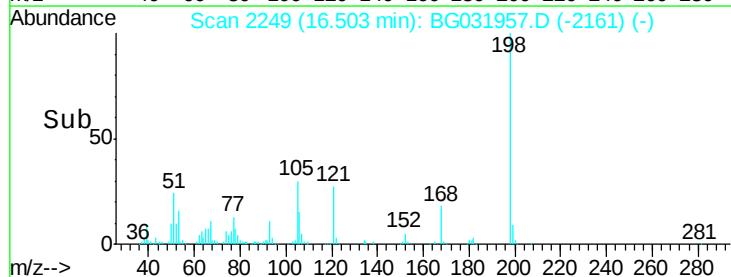
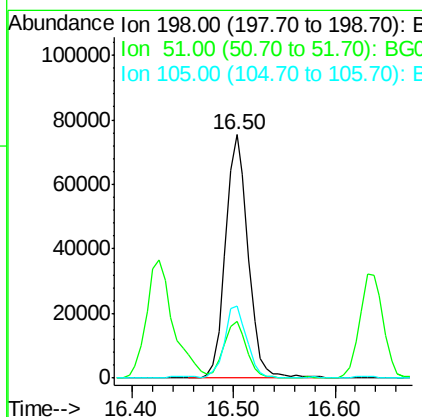
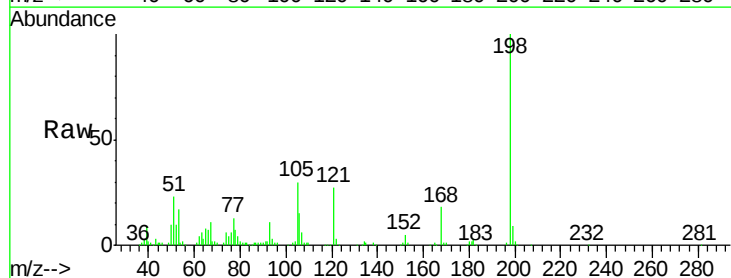
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

Tgt Ion:188 Resp: 469542
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 6.2 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 50.475 ng
RT: 16.50 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Tgt Ion:198 Resp: 116479
Ion Ratio Lower Upper
198 100
51 23.5 30.6 70.6#
105 29.6 23.8 63.8

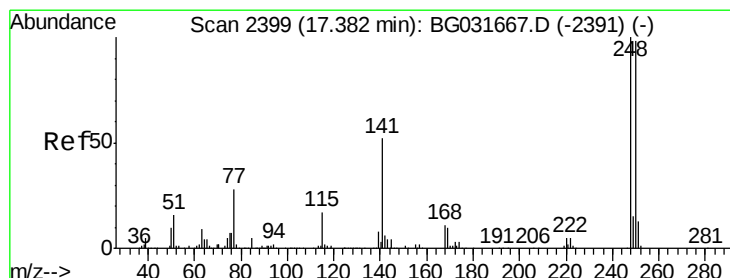
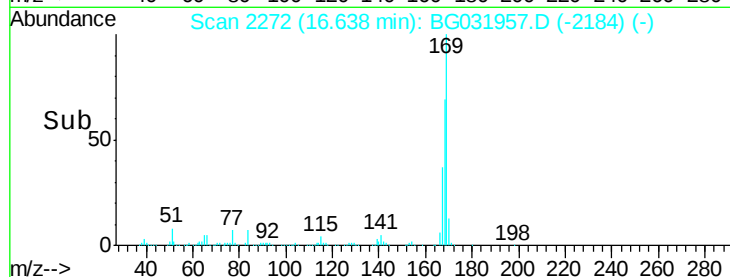
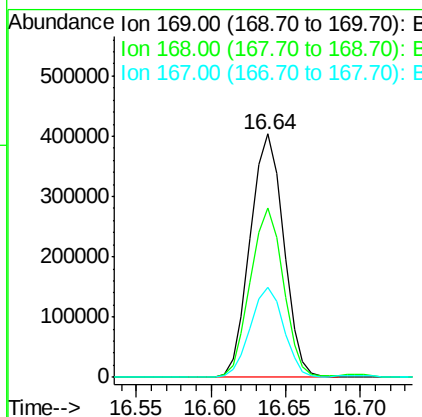
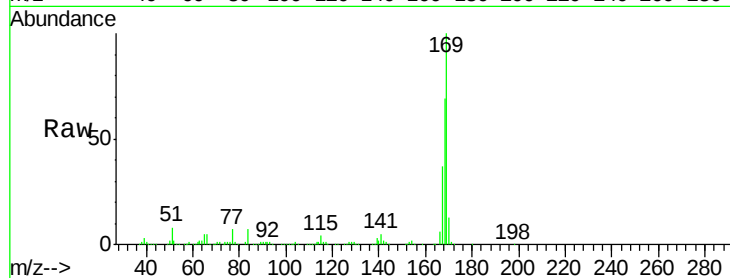




#65
n-Nitrosodiphenylamine
Concen: 40.180 ng
RT: 16.64 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

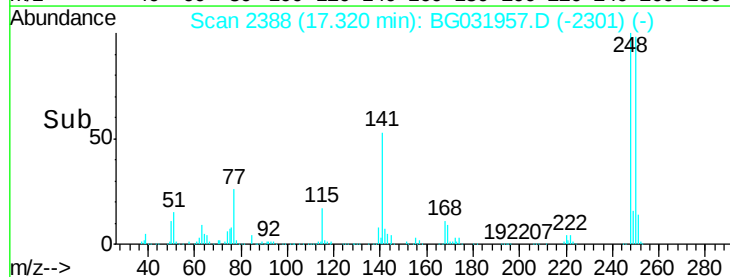
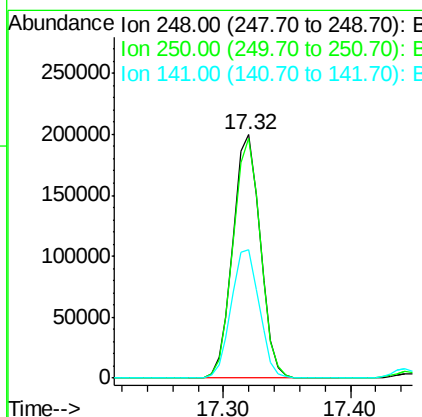
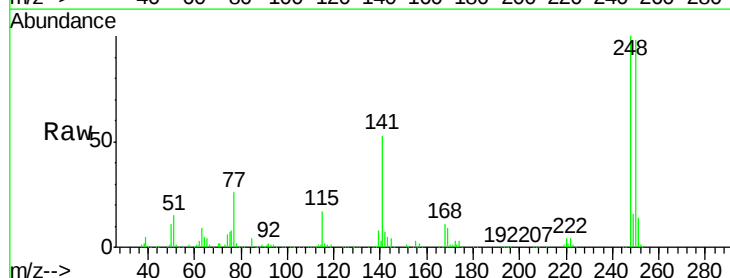
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

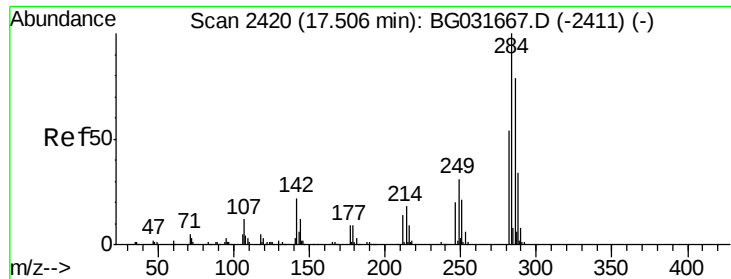
Tgt Ion:169 Resp: 626597
Ion Ratio Lower Upper
169 100
168 69.5 55.7 83.5
167 37.0 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 44.020 ng
RT: 17.32 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Tgt Ion:248 Resp: 298890
Ion Ratio Lower Upper
248 100
250 98.4 77.1 115.7
141 53.0 50.8 76.2

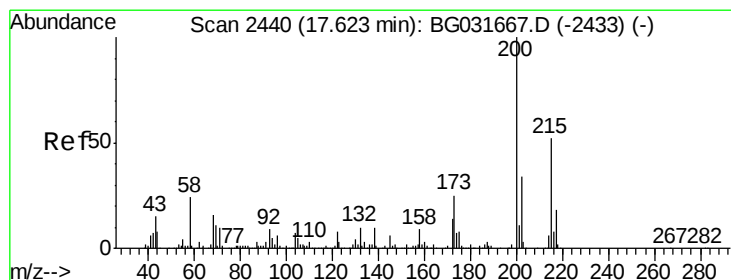
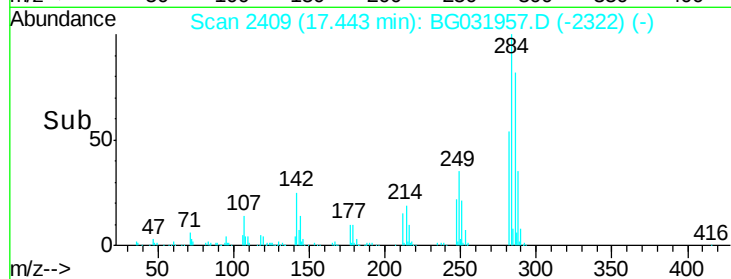
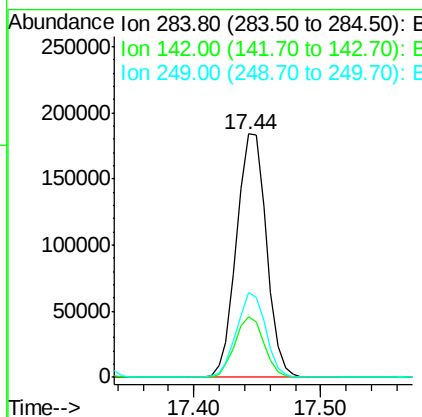
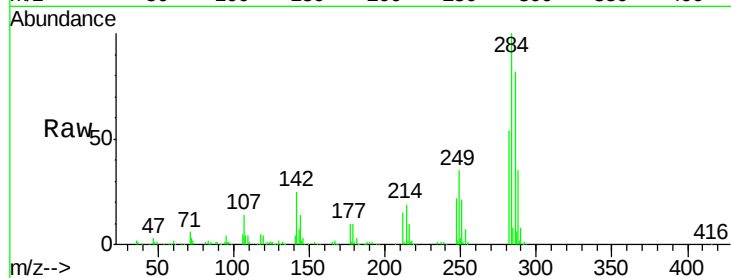




#67
Hexachlorobenzene
Concen: 43.264 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

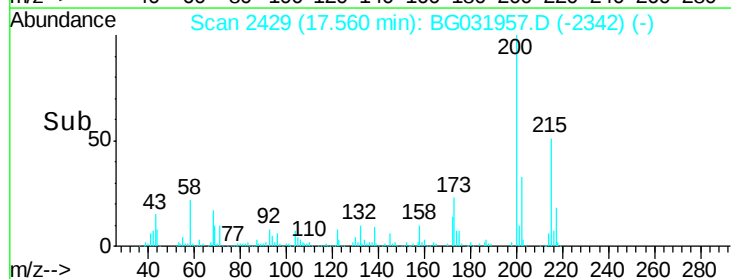
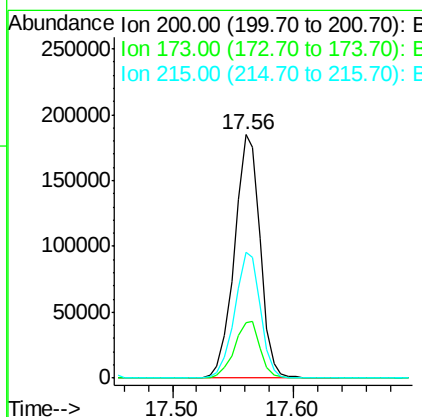
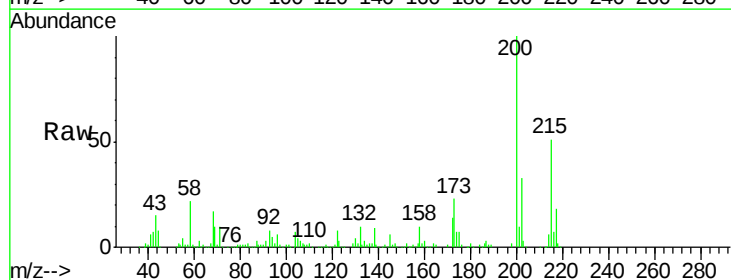
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	26.8	40.2#
249	34.6	26.3	39.5



#68
Atrazine
Concen: 44.973 ng
RT: 17.56 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.6	5.2	45.2
215	51.5	30.4	70.4

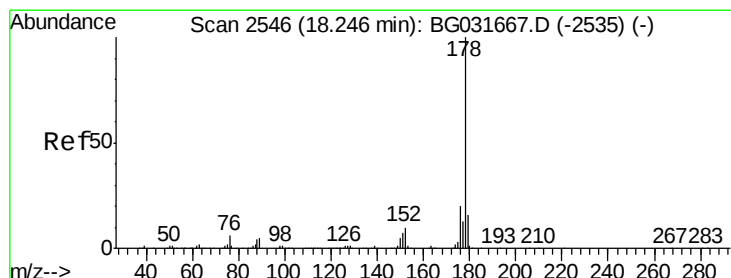
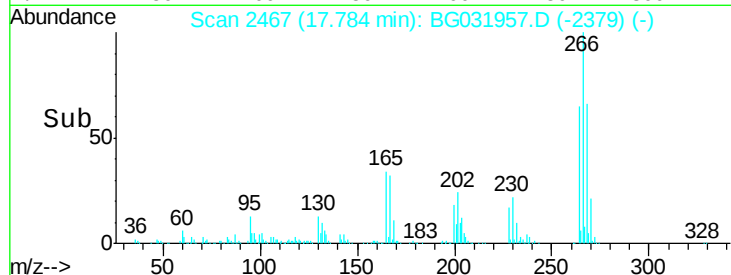
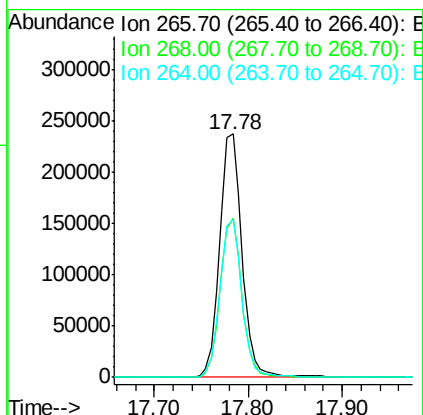
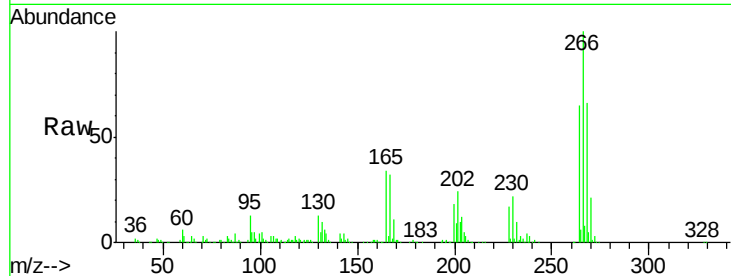




#69
 Pentachlorophenol
 Concen: 83.188 ng
 RT: 17.78 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

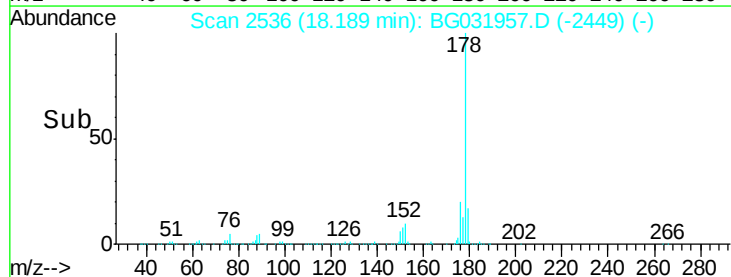
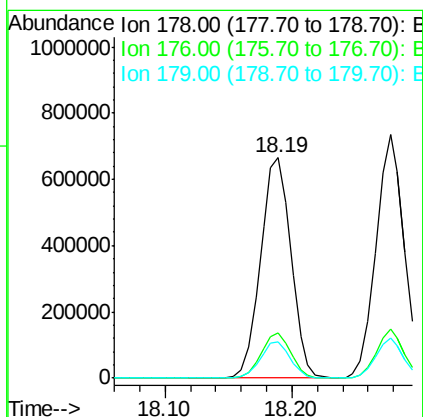
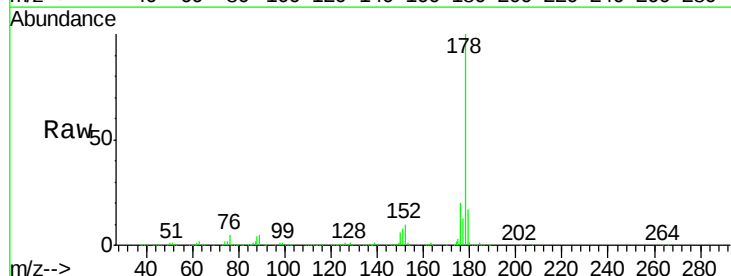
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

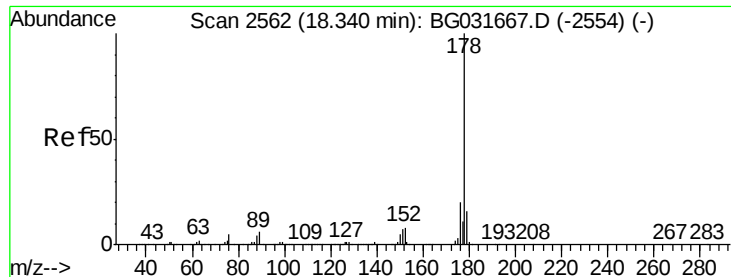
Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	64.6	49.6	74.4



#70
 Phenanthrene
 Concen: 41.823 ng
 RT: 18.19 min Scan# 2536
 Delta R.T. -0.02 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	16.6	12.5	18.7





#71

Anthracene

Concen: 42.227 ng

RT: 18.28 min Scan# 2551

Delta R.T. -0.02 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

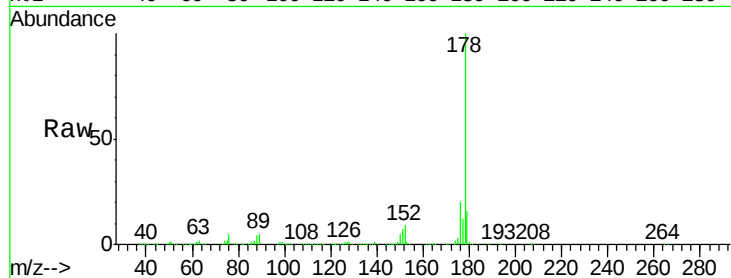
Tgt Ion:178 Resp: 1131884

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

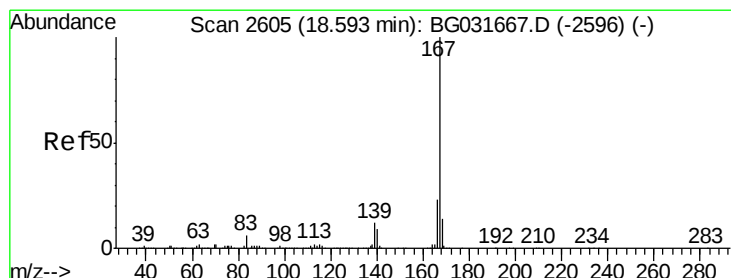
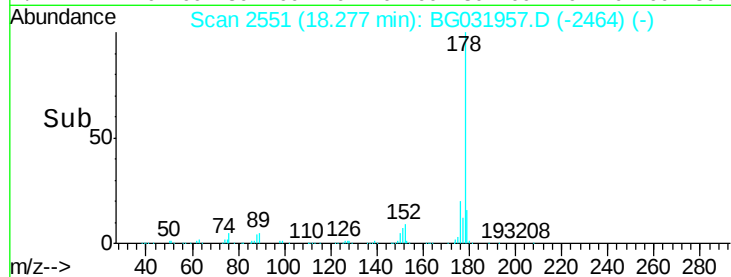
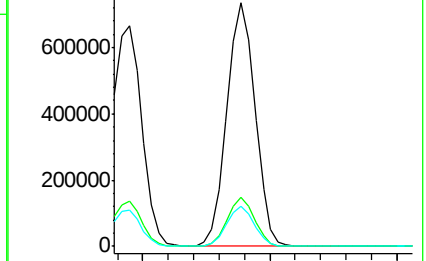
179 16.3 12.5 18.7



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: 41.322 ng

RT: 18.54 min Scan# 2595

Delta R.T. -0.02 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

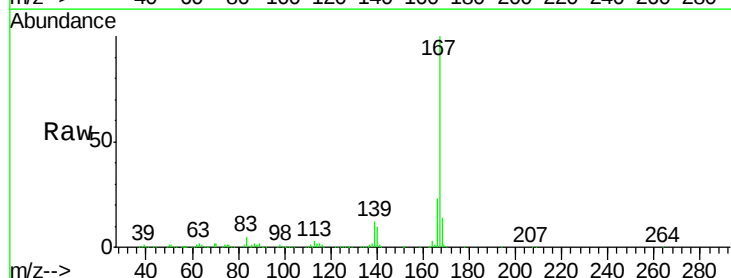
Tgt Ion:167 Resp: 980362

Ion Ratio Lower Upper

167 100

166 23.5 18.2 27.4

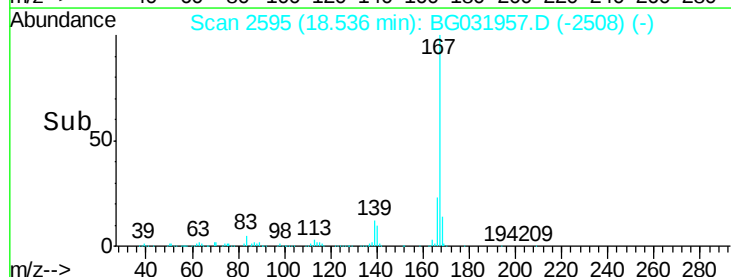
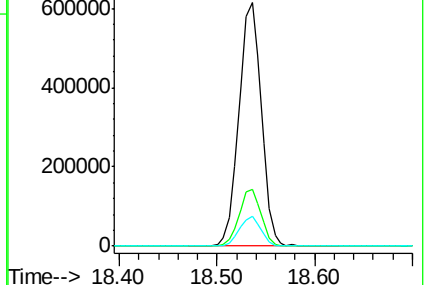
139 12.1 9.4 14.2



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

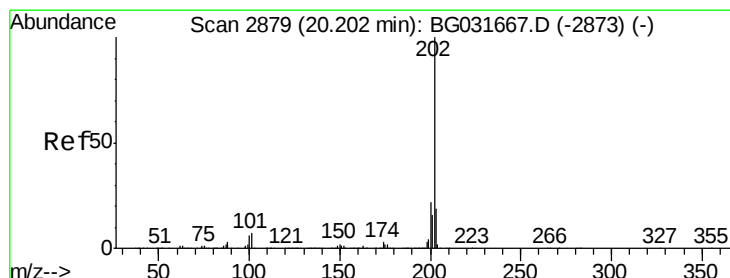
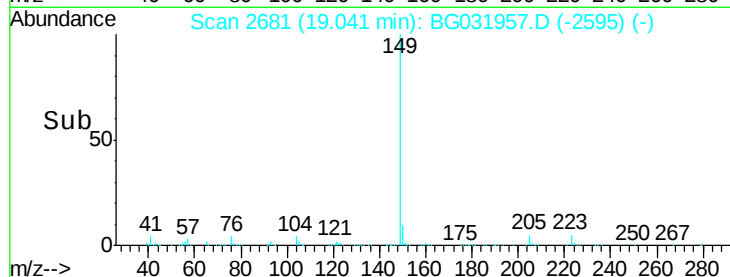
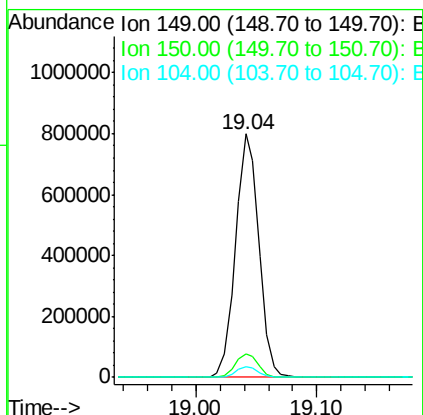
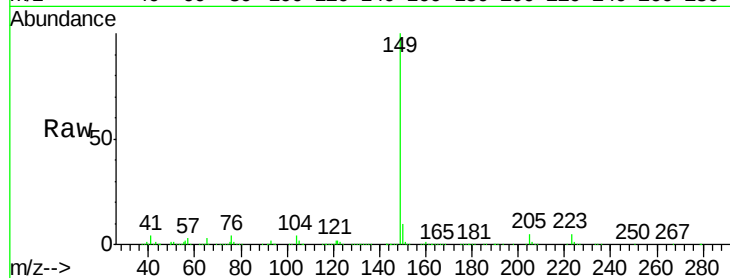




#73
Di-n-butylphthalate
Concen: 40.550 ng
RT: 19.04 min Scan# 2681
Delta R.T. -0.02 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

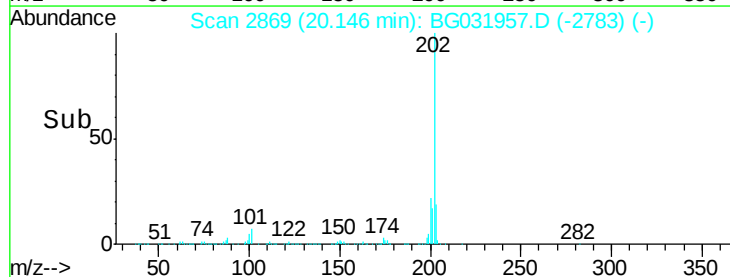
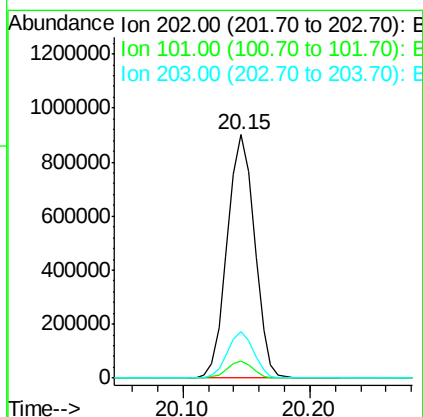
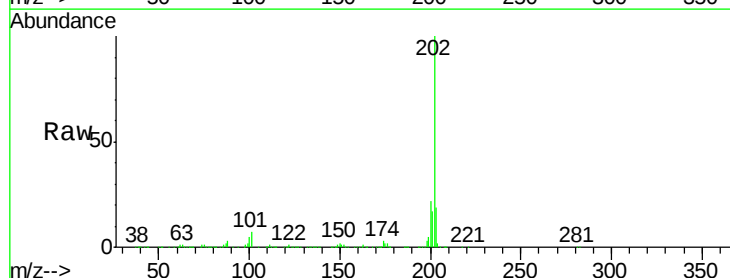
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

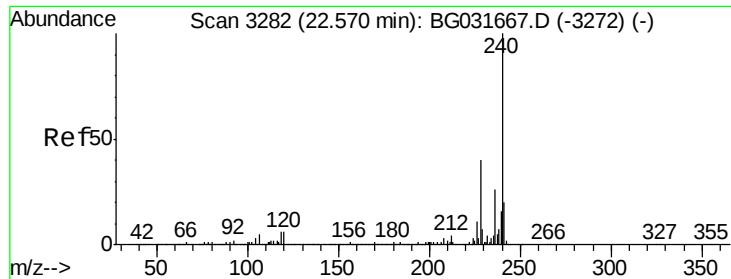
Tgt Ion:149 Resp: 1069140
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.3 3.9 5.9



#74
Fluoranthene
Concen: 41.198 ng
RT: 20.15 min Scan# 2869
Delta R.T. -0.02 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Tgt Ion:202 Resp: 1343254
Ion Ratio Lower Upper
202 100
101 6.9 0.0 28.9
203 19.1 0.0 37.5

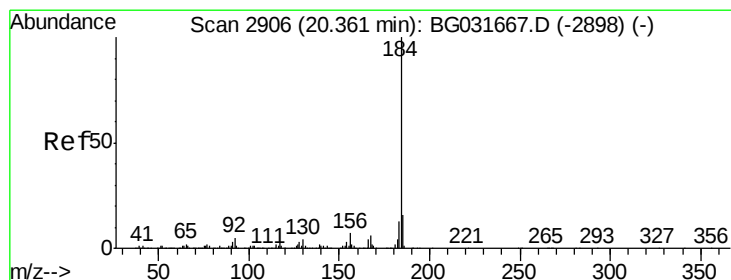
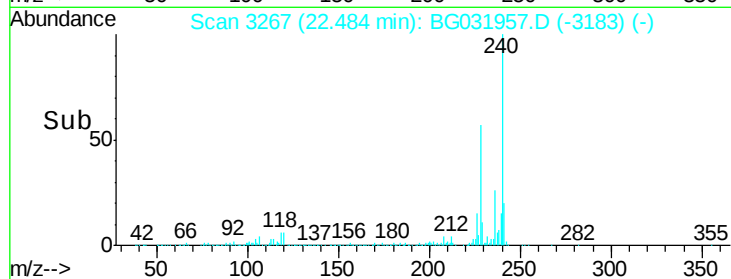
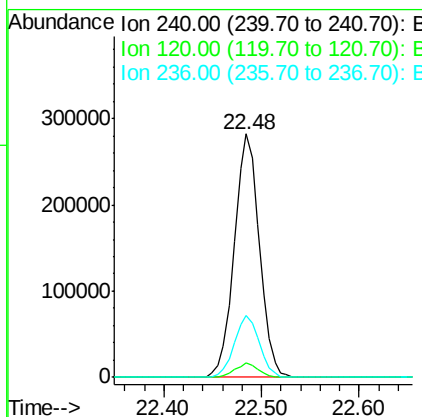
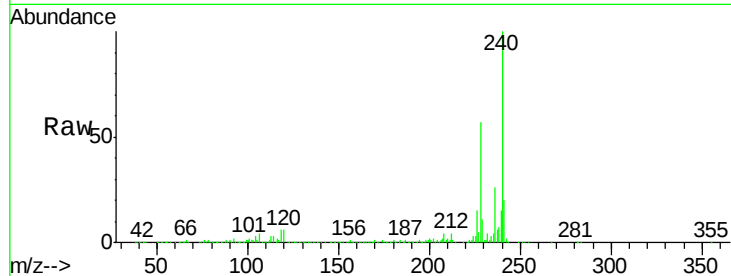




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3267
Delta R.T. -0.04 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

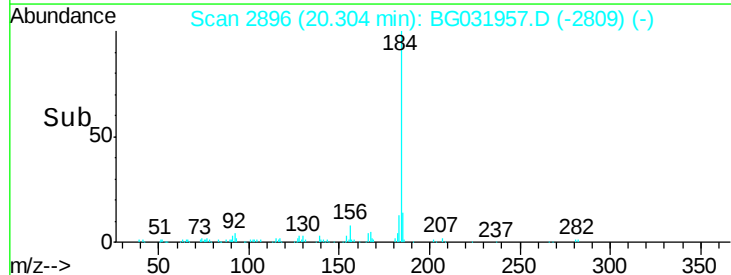
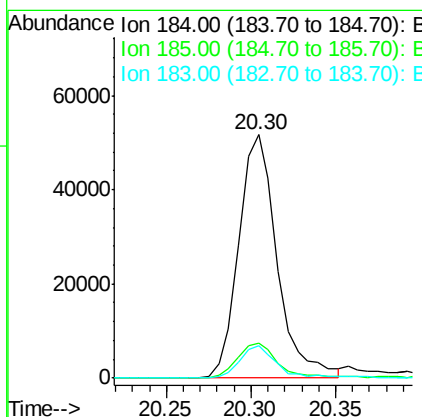
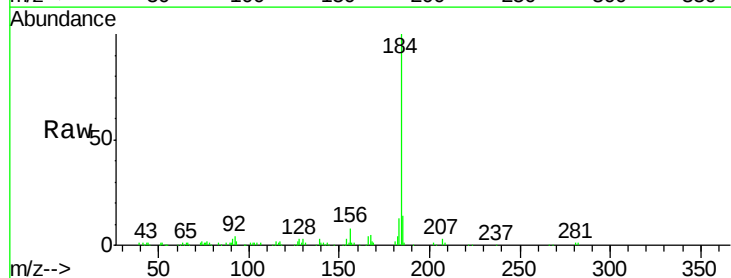
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

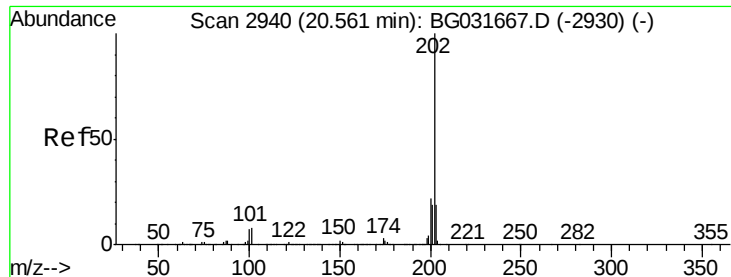
Tgt Ion:240 Resp: 502520
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 25.5 20.9 31.3



#76
Benzidine
Concen: 5.273 ng
RT: 20.30 min Scan# 2896
Delta R.T. -0.02 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Tgt Ion:184 Resp: 81780
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 13.2 10.6 16.0

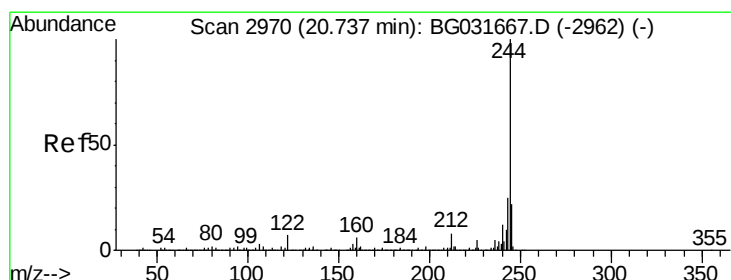
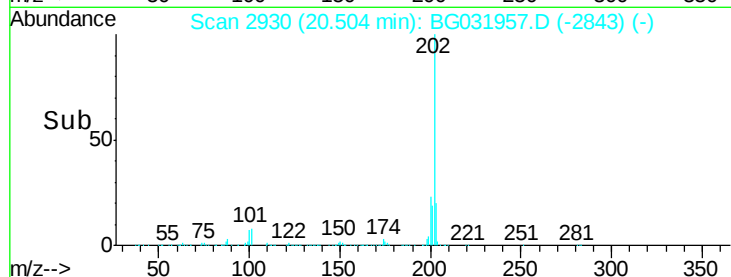
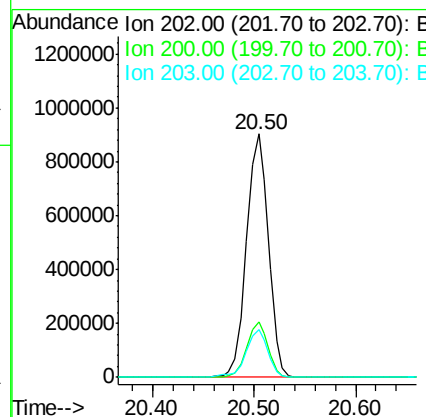
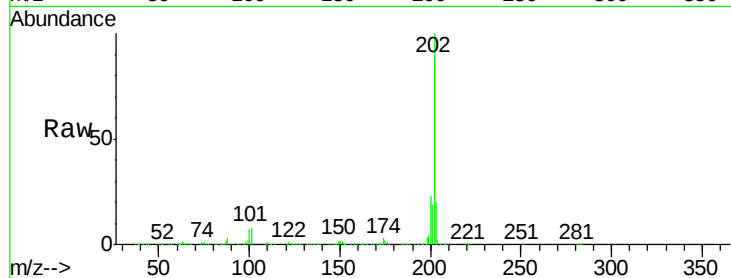




#77
 Pyrene
 Concen: 42.272 ng
 RT: 20.50 min Scan# 2930
 Delta R.T. -0.02 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

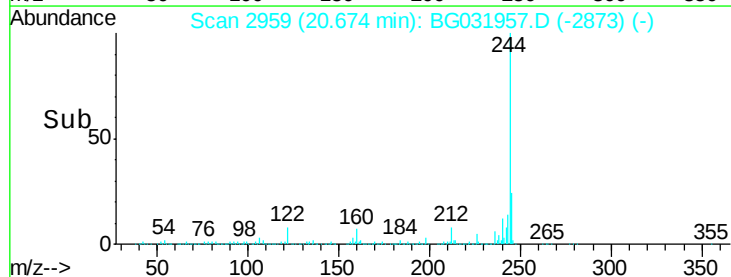
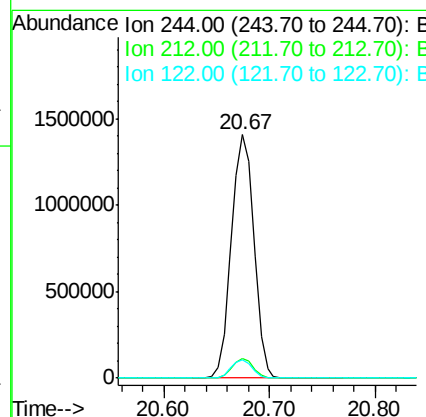
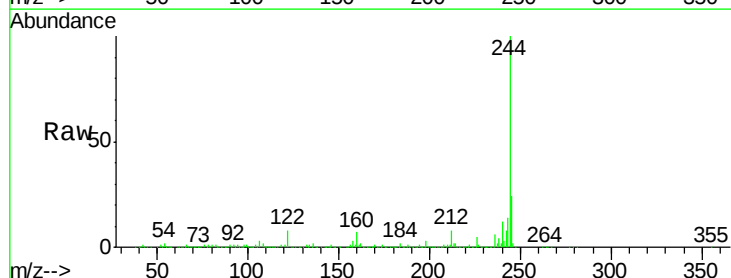
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

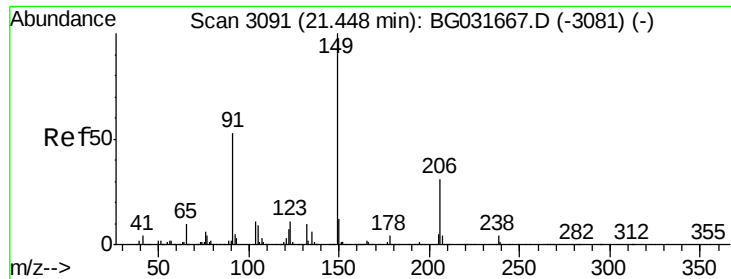
Tgt Ion:202 Resp: 1356917
 Ion Ratio Lower Upper
 202 100
 200 23.0 16.9 25.3
 203 19.7 13.9 20.9



#78
 Terphenyl-d14
 Concen: 94.014 ng
 RT: 20.67 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Tgt Ion:244 Resp: 2067885
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 7.6 7.0 10.4

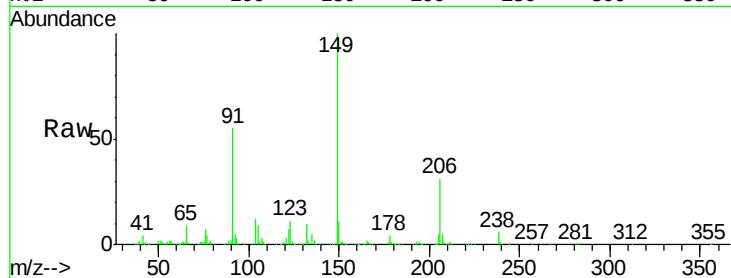




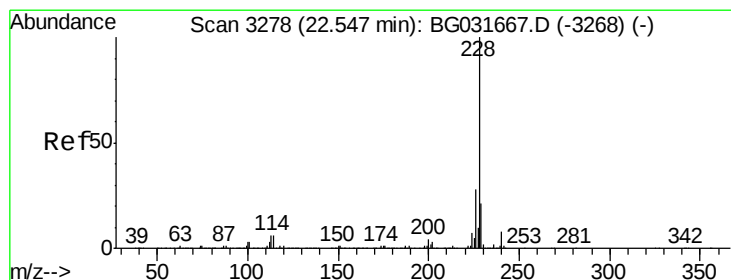
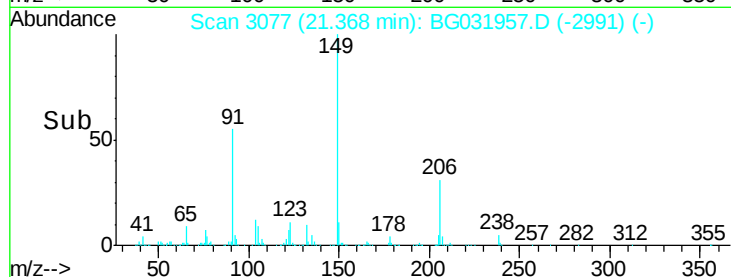
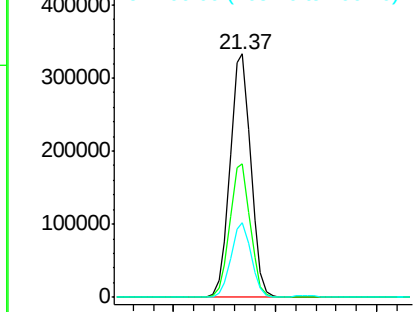
#79
Butylbenzylphthalate
Concen: 43.749 ng
RT: 21.37 min Scan# 3077
Delta R.T. -0.02 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

Tgt Ion:149 Resp: 471419
Ion Ratio Lower Upper
149 100
91 54.6 62.2 93.2#
206 30.6 18.6 27.8#

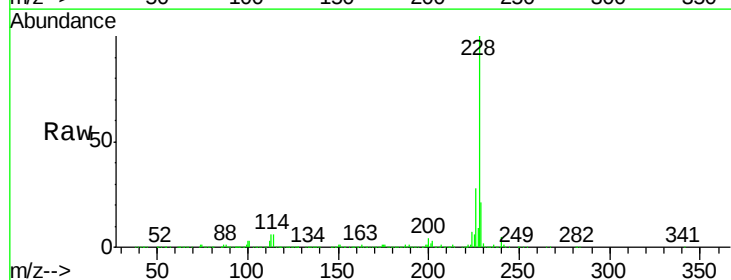


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

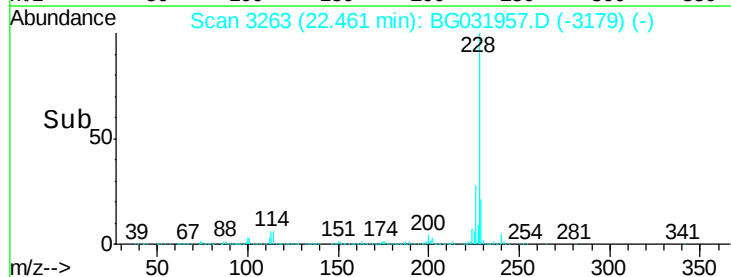
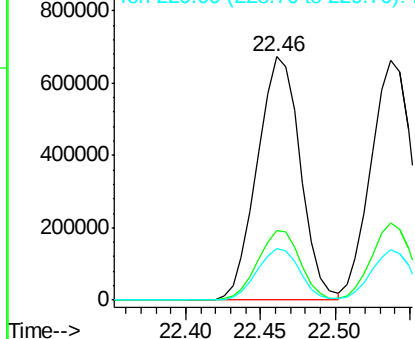


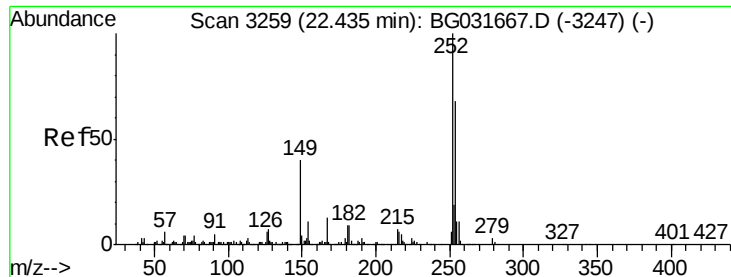
#80
Benzo(a)anthracene
Concen: 42.342 ng
RT: 22.46 min Scan# 3263
Delta R.T. -0.04 min
Lab File: BG031957.D
Acq: 9 Jan 2018 22:04

Tgt Ion:228 Resp: 1353490
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 21.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

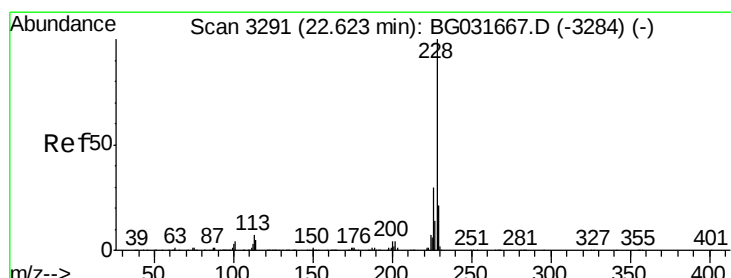
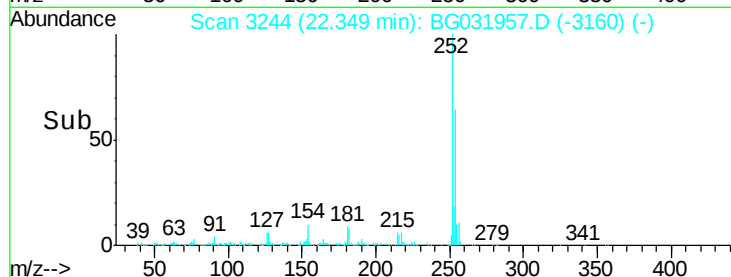
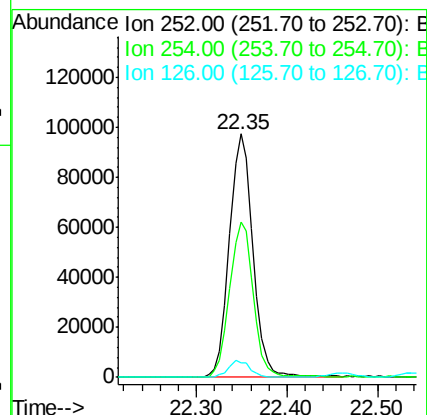
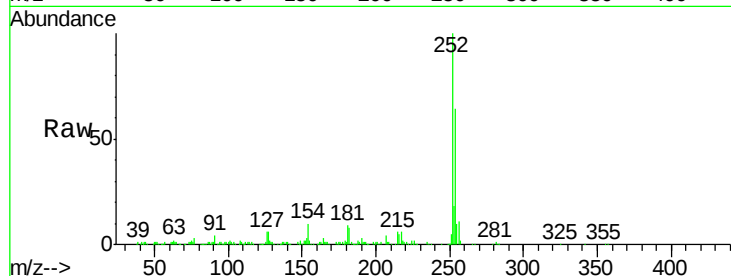




#81
 3,3'-Dichlorobenzidine
 Concen: 14.234 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. -0.04 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

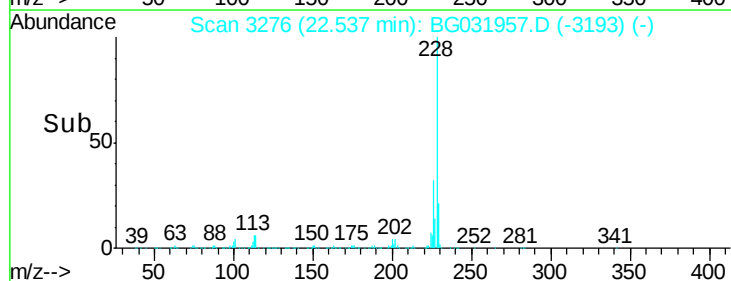
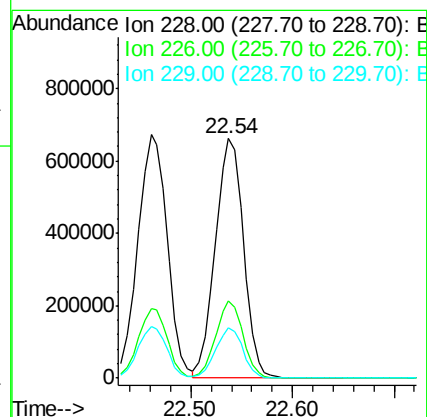
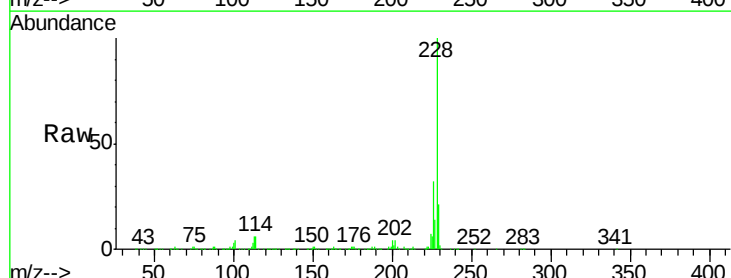
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

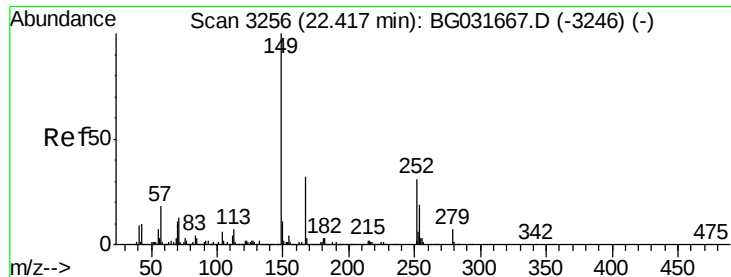
Tgt Ion:252 Resp: 176413
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.8 76.2
 126 6.2 7.4 11.2#



#82
 Chrysene
 Concen: 42.275 ng
 RT: 22.54 min Scan# 3276
 Delta R.T. -0.04 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Tgt Ion:228 Resp: 1278617
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.9 37.3
 229 21.2 15.0 22.4

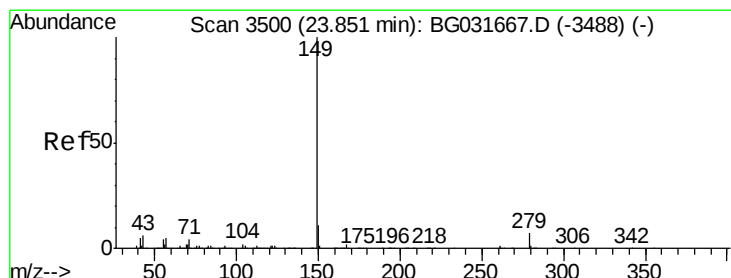
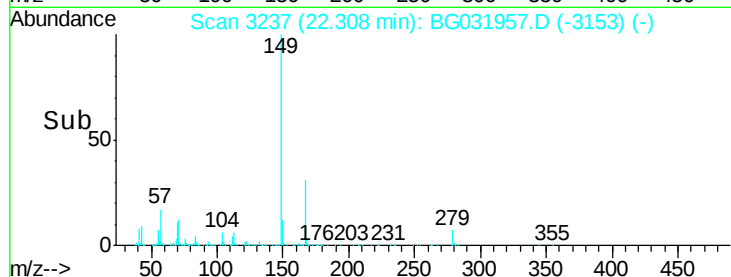
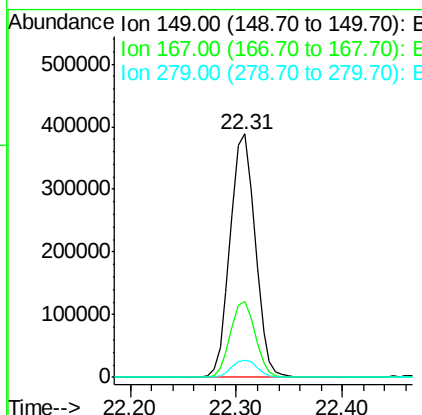
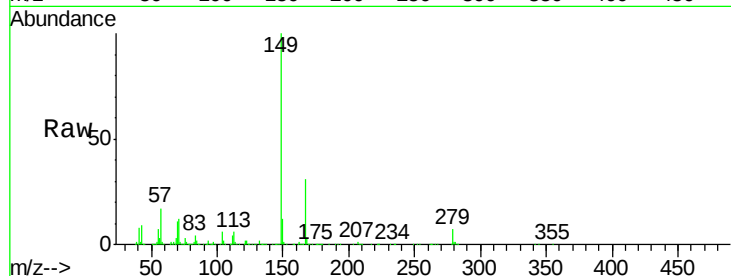




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.814 ng
 RT: 22.31 min Scan# 3237
 Delta R.T. -0.04 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

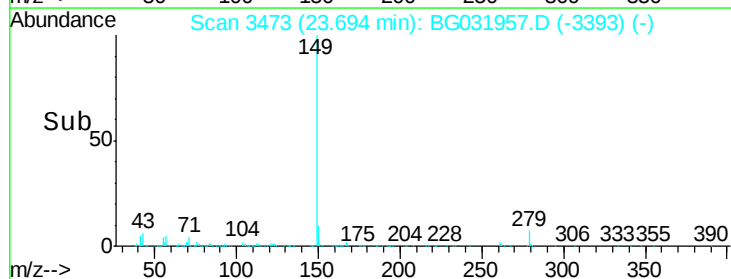
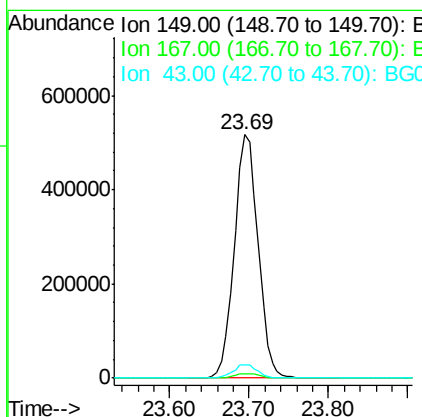
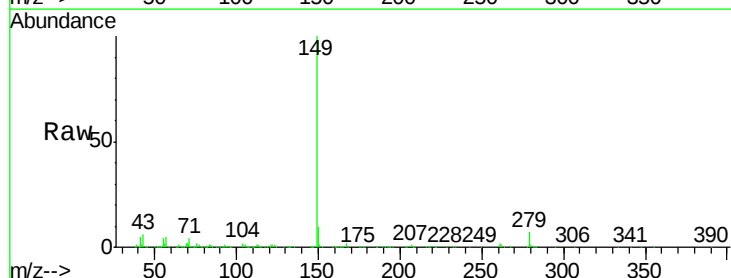
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

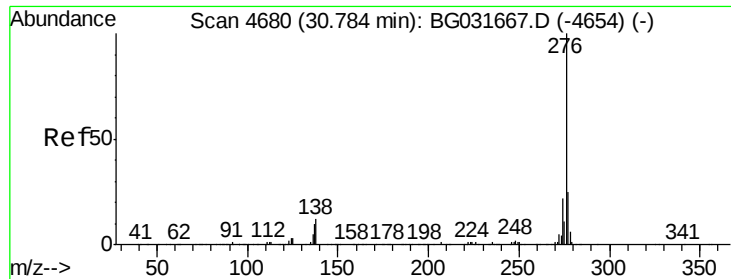
Tgt Ion:149 Resp: 637168
 Ion Ratio Lower Upper
 149 100
 167 31.1 24.3 36.5
 279 7.2 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 40.784 ng
 RT: 23.69 min Scan# 3473
 Delta R.T. -0.06 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Tgt Ion:149 Resp: 1072303
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.4 2.0
 43 5.6 8.9 13.3#

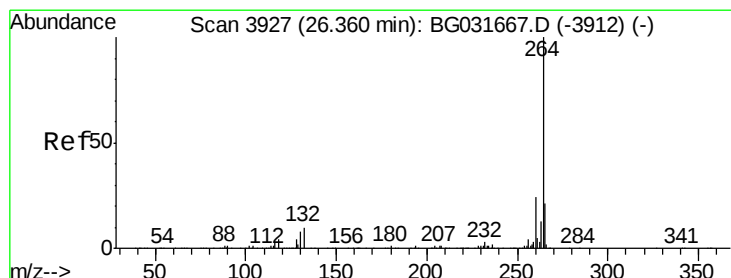
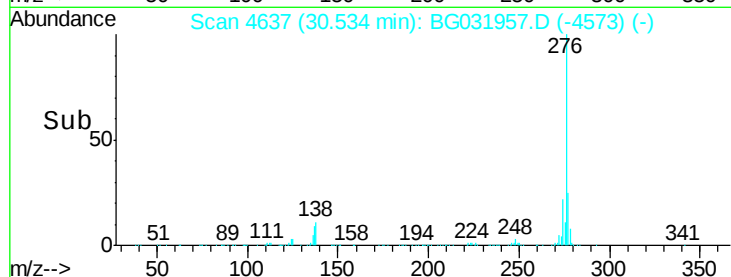
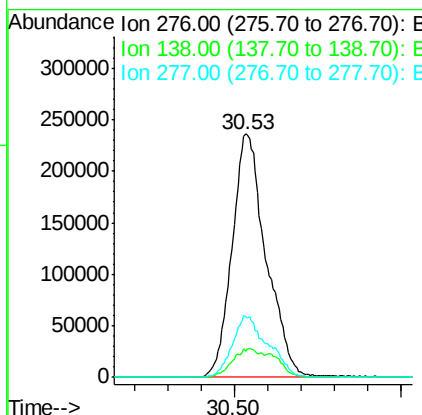
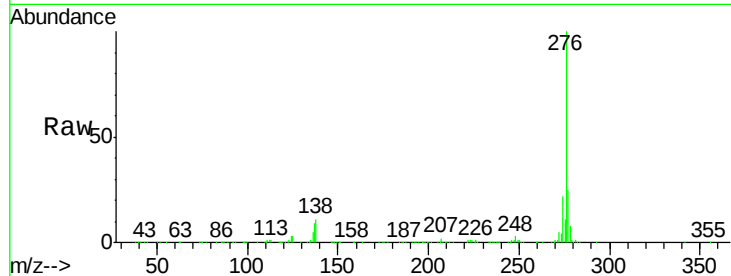




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.192 ng
 RT: 30.53 min Scan# 4637
 Delta R.T. -0.15 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

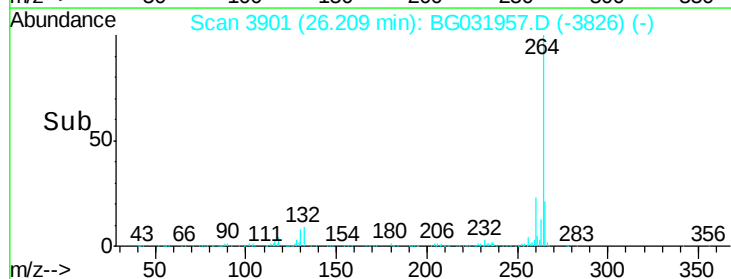
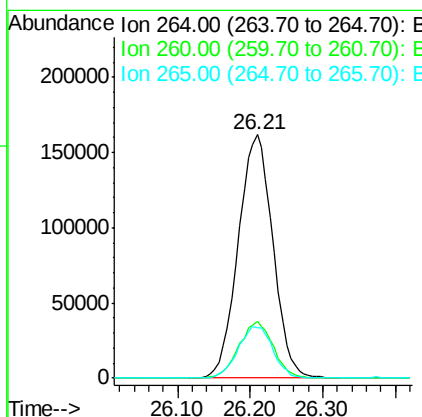
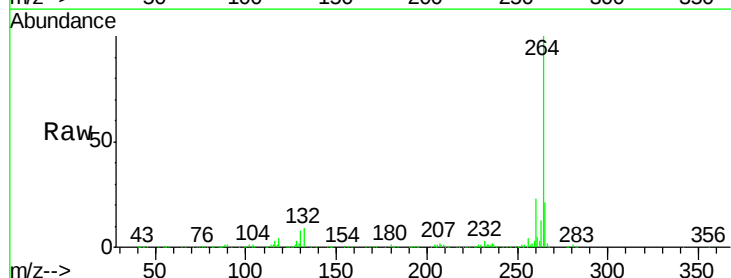
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MS

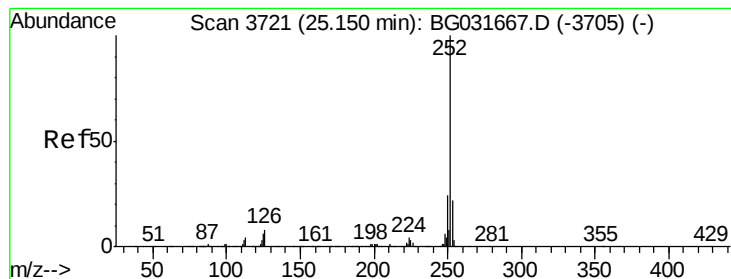
Tgt Ion:276 Resp: 1675922
 Ion Ratio Lower Upper
 276 100
 138 9.8 16.0 24.0#
 277 26.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.21 min Scan# 3901
 Delta R.T. -0.09 min
 Lab File: BG031957.D
 Acq: 9 Jan 2018 22:04

Tgt Ion:264 Resp: 536579
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.4 26.0
 265 20.9 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 42.237 ng

RT: 25.02 min Scan# 3698

Delta R.T. -0.07 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

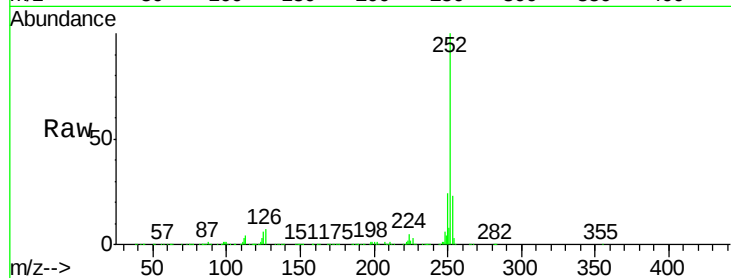
Tgt Ion:252 Resp: 1406828

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

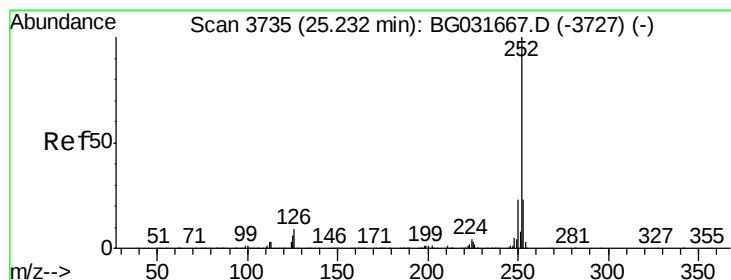
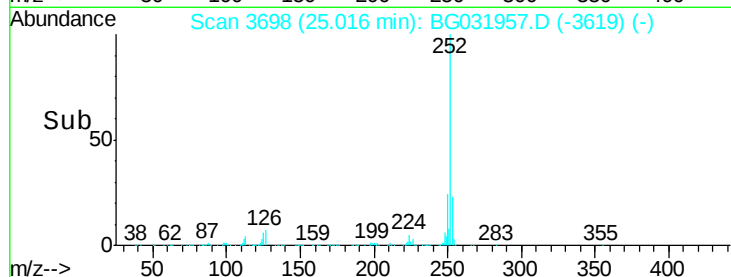
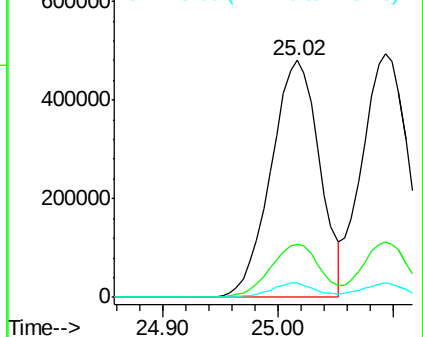
125 5.9 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.285 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.07 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

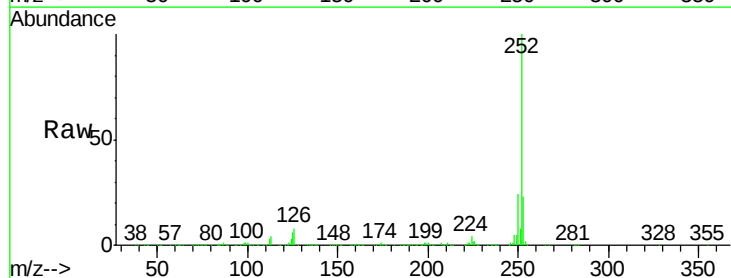
Tgt Ion:252 Resp: 1376162

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

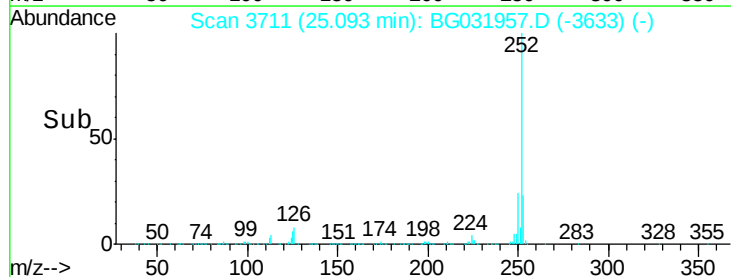
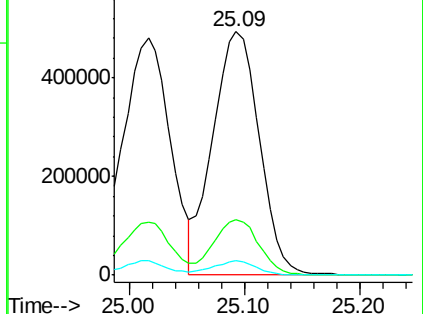
125 5.8 6.6 9.8#

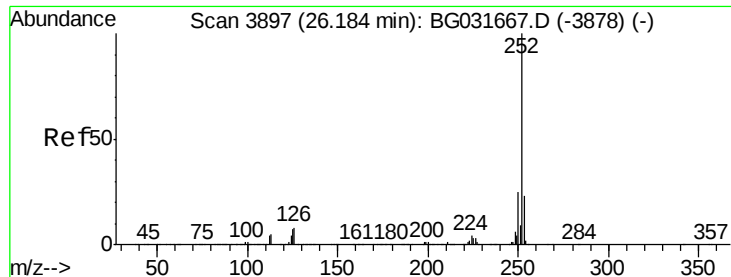


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.314 ng

RT: 26.04 min Scan# 3872

Delta R.T. -0.08 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

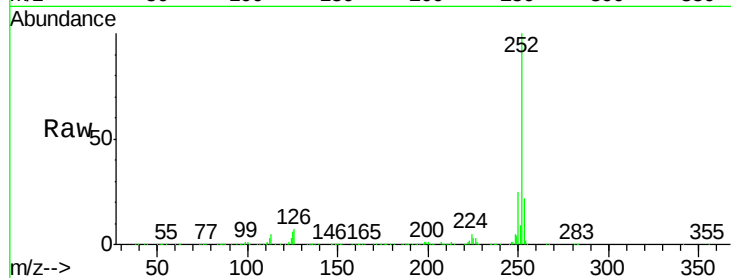
Tgt Ion:252 Resp: 1381708

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

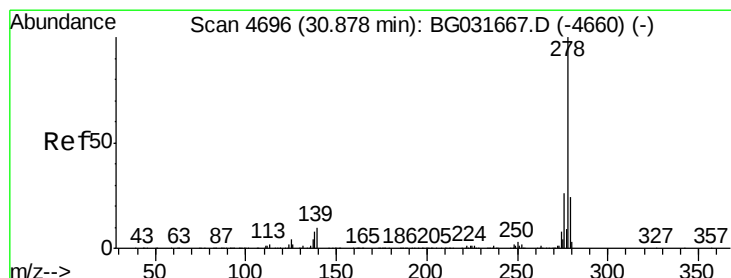
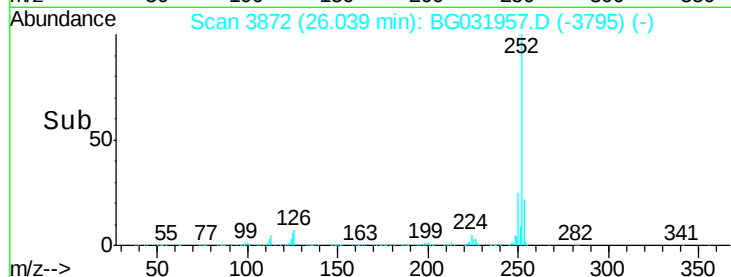
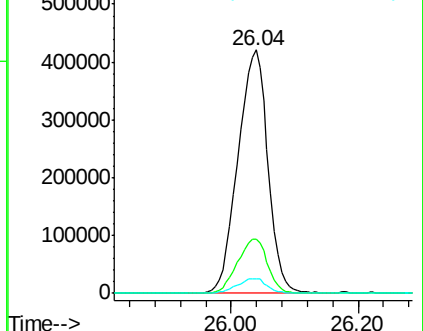
125 5.8 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.744 ng

RT: 30.62 min Scan# 4652

Delta R.T. -0.15 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

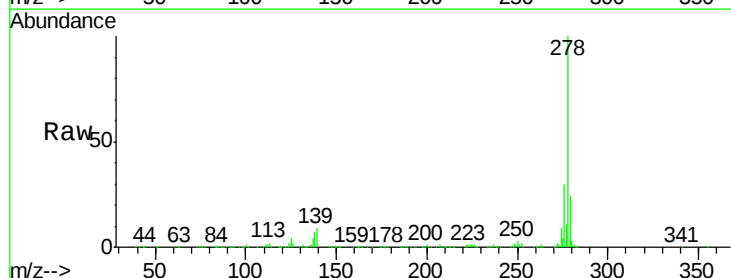
Tgt Ion:278 Resp: 1375279

Ion Ratio Lower Upper

278 100

139 9.3 9.8 14.6#

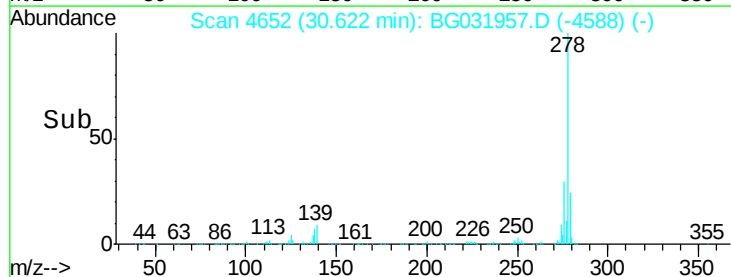
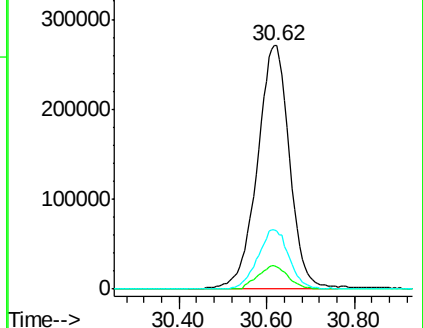
279 23.9 18.4 27.6

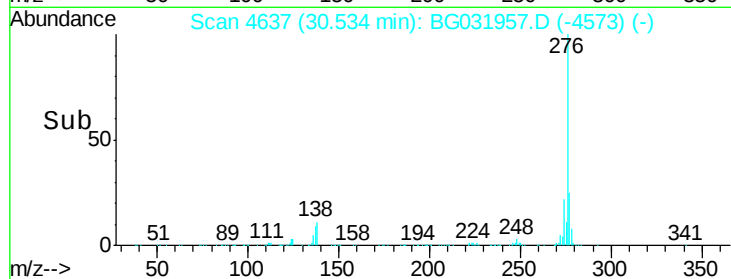
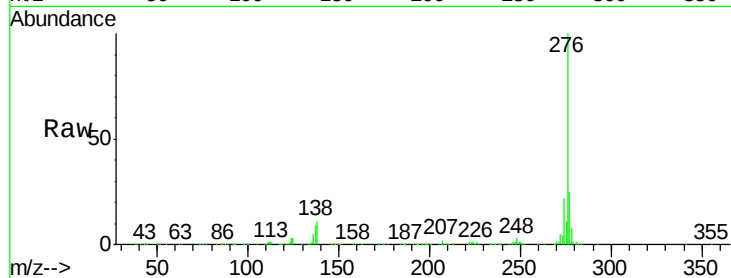
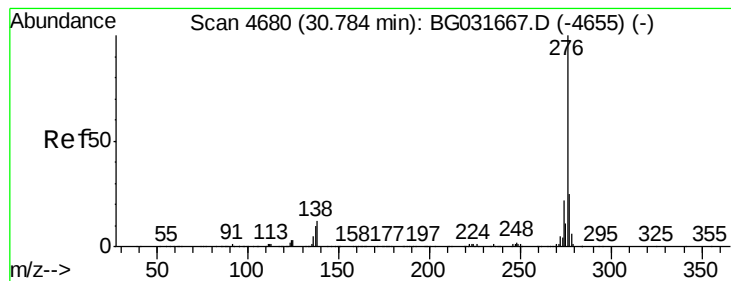


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.086 ng

RT: 30.53 min Scan# 4637

Delta R.T. -0.15 min

Lab File: BG031957.D

Acq: 9 Jan 2018 22:04

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MS

Tgt Ion:276 Resp: 1675922

Ion Ratio Lower Upper

276 100

277 25.1 18.3 27.5

138 10.8 13.9 20.9#

