

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035307.D
 Acq On : 21 Jun 2018 19:56
 Operator : JU/SJ
 Sample : J3575-03MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 05:13:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56830	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	205172	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	145409	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	388752	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	410734	20.00	ng	-0.03
86) Perylene-d12	24.91	264	409755	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	446437	132.57	ng	0.00
7) Phenol-d6	7.22	99	591551	119.02	ng	0.00
23) Nitrobenzene-d5	9.22	82	458582	106.24	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	328834	176.66	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	1017096	90.93	ng	-0.02
78) Terphenyl-d14	20.03	244	1852237	94.46	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.57	88	56483	35.155	ng	# 72
3) Pyridine	3.97	79	143369	33.071	ng	# 72
4) n-Nitrosodimethylamine	3.87	42	63497	34.094	ng	# 77
6) Aniline	7.39	93	146783	22.847	ng	95
8) 2-Chlorophenol	7.63	128	152963	43.334	ng	90
9) Benzaldehyde	7.20	77	78362	20.469	ng	96
10) Phenol	7.25	94	194557	37.825	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	159265	39.893	ng	84
12) 1,3-Dichlorobenzene	7.94	146	182323	43.290	ng	97
13) 1,4-Dichlorobenzene	8.10	146	181823	41.821	ng	97
14) 1,2-Dichlorobenzene	8.41	146	174739	42.789	ng	98
15) Benzyl Alcohol	8.30	79	187397	39.791	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	175493	44.166	ng	77
17) 2-Methylphenol	8.50	107	147554	43.512	ng	# 88
18) Hexachloroethane	9.14	117	67832	43.580	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	147507	34.933	ng	# 86
20) 3+4-Methylphenols	8.82	107	203752	41.918	ng	94
22) Acetophenone	8.88	105	270649	42.584	ng	# 90
24) Nitrobenzene	9.26	77	217497	49.208	ng	94
25) Isophorone	9.78	82	432038	47.409	ng	# 98
26) 2-Nitrophenol	9.97	139	88348	57.990	ng	# 91
27) 2,4-Dimethylphenol	10.03	122	161802	50.526	ng	92
28) bis(2-Chloroethoxy)methane	10.26	93	223655	45.670	ng	95
29) 2,4-Dichlorophenol	10.50	162	185125	53.129	ng	92
30) 1,2,4-Trichlorobenzene	10.72	180	196004	46.911	ng	98
31) Naphthalene	10.91	128	486920	45.684	ng	99
32) Benzoic acid	10.16	122	94059	43.851	ng	88
33) 4-Chloroaniline	11.02	127	17430	3.766	ng	# 89
34) Hexachlorobutadiene	11.19	225	150276	46.247	ng	99
35) Caprolactam	11.79	113	32906	25.553	ng	# 61
36) 4-Chloro-3-methylphenol	12.13	107	219472	50.529	ng	95
37) 2-Methylnaphthalene	12.51	142	381775	47.245	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	254930	47.068	ng	99
40) Hexachlorocyclopentadiene	12.86	237	342752	100.915	ng	89

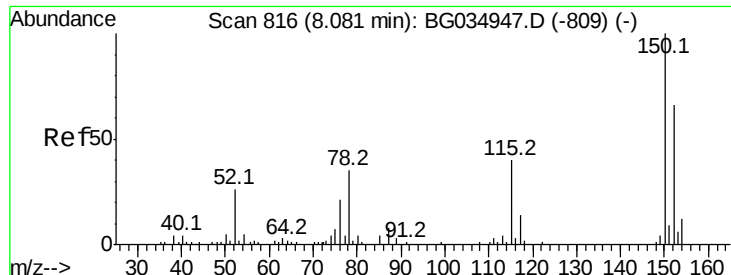
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
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 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	173873	53.613	ng	97
43) 2,4,5-Trichlorophenol	13.19	196	188678	53.006	ng	98
45) 1,1'-Biphenyl	13.51	154	515643	44.101	ng	97
46) 2-Chloronaphthalene	13.56	162	407121	46.054	ng	99
47) 2-Nitroaniline	13.76	65	140761	53.923	ng	94
48) Acenaphthylene	14.41	152	678032	45.742	ng	98
49) Dimethylphthalate	14.14	163	574767	45.328	ng	# 98
50) 2,6-Dinitrotoluene	14.25	165	131762	56.959	ng	91
51) Acenaphthene	14.75	154	412316	42.573	ng	99
52) 3-Nitroaniline	14.58	138	48215	21.241	ng	# 84
53) 2,4-Dinitrophenol	14.79	184	149454	159.639	ng	# 64
54) Dibenzofuran	15.07	168	666769	45.968	ng	93
55) 4-Nitrophenol	14.89	139	170368	88.930	ng	# 84
56) 2,4-Dinitrotoluene	15.04	165	184518	60.046	ng	# 84
57) Fluorene	15.73	166	556399	45.898	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.30	232	194231	56.169	ng	93
59) Diethylphthalate	15.49	149	566883	43.819	ng	97
60) 4-Chlorophenyl-phenylether	15.72	204	316762	45.824	ng	97
61) 4-Nitroaniline	15.74	138	123676	50.804	ng	# 81
62) Azobenzene	16.01	77	562673	44.384	ng	93
64) 4,6-Dinitro-2-methylphenol	15.80	198	105477	59.426	ng	79
65) n-Nitrosodiphenylamine	15.93	169	494523	42.359	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	226113	48.299	ng	96
67) Hexachlorobenzene	16.73	284	229274	48.116	ng	95
68) Atrazine	16.88	200	223195	44.831	ng	97
69) Pentachlorophenol	17.07	266	279737	87.305	ng	99
70) Phenanthrene	17.47	178	900333	45.592	ng	96
71) Anthracene	17.55	178	919467	46.482	ng	99
72) Carbazole	17.82	167	825782	44.993	ng	98
73) Di-n-butylphthalate	18.38	149	929916	42.509	ng	# 98
74) Fluoranthene	19.47	202	1170212	45.539	ng	96
76) Benzidine	19.65	184	317514	20.779	ng	99
77) Pyrene	19.83	202	1183473	43.707	ng	98
79) Butylbenzylphthalate	20.71	149	431639	43.900	ng	# 96
80) Benzo(a)anthracene	21.67	228	1217620	46.391	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	234295	23.727	ng	# 95
82) Chrysene	21.74	228	1126911	46.893	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	581702	41.870	ng	99
84) Di-n-octyl phthalate	22.79	149	997208	41.838	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.59	276	1359320	48.297	ng	# 85
87) Benzo(b)fluoranthene	23.89	252	1208930	47.910	ng	# 97
88) Benzo(k)fluoranthene	23.96	252	1124082	45.539	ng	# 97
89) Benzo(a)pyrene	24.76	252	1142312	48.109	ng	# 97
90) Dibenzo(a,h)anthracene	28.66	278	1109882	47.351	ng	# 97
91) Benzo(g,h,i)perylene	29.74	276	1140872	49.735	ng	# 93

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

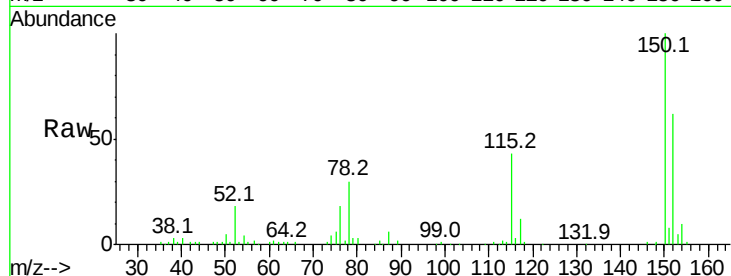


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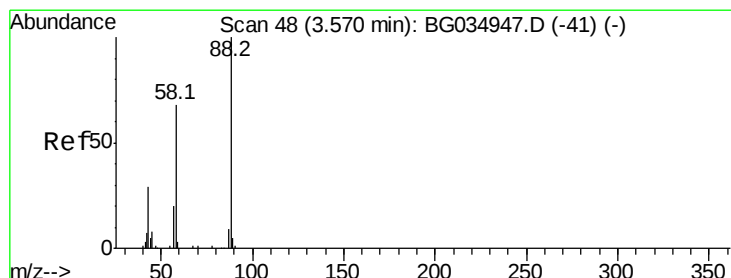
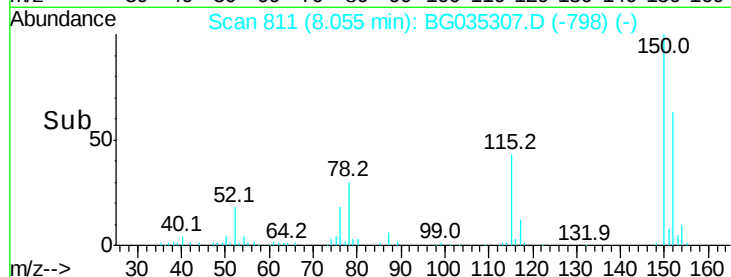
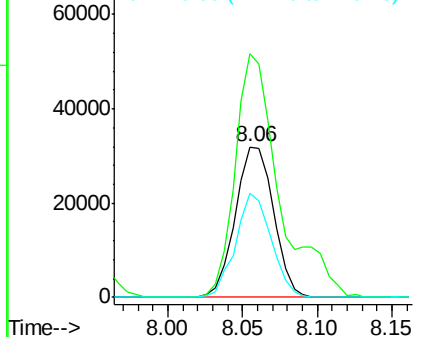
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56830
Ion Ratio Lower Upper
152 100
150 161.6 126.6 189.8
115 69.1 53.0 79.4



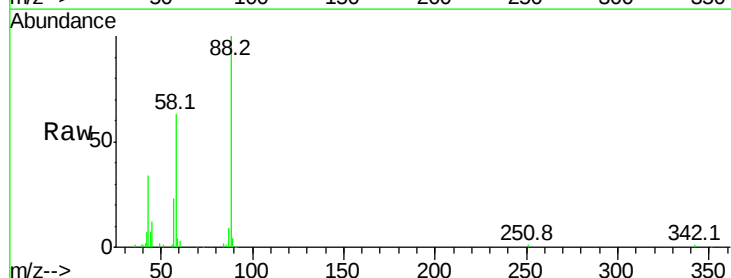
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



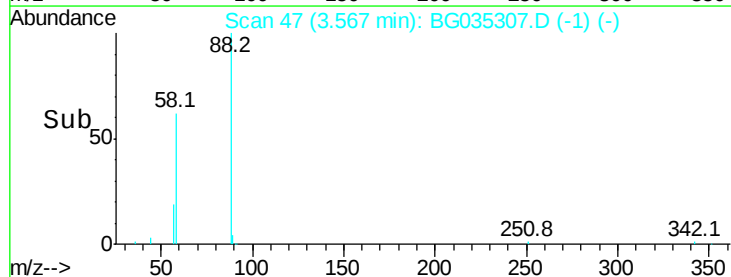
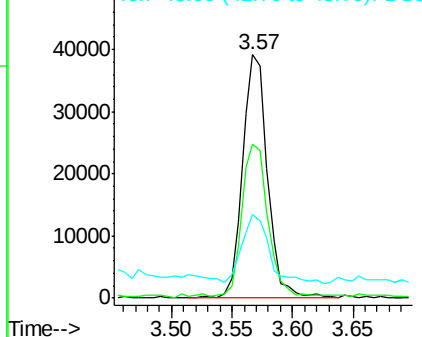
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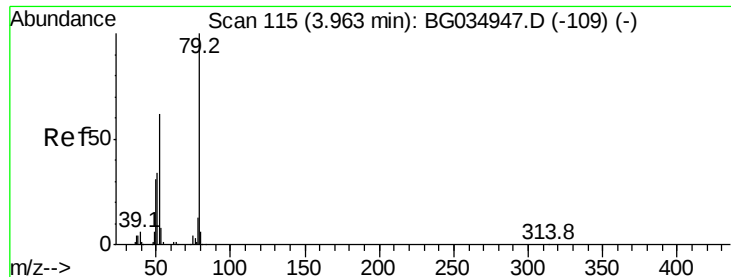
1,4-Dioxane
Concen: 35.155 ng
RT: 3.57 min Scan# 47
Delta R.T. 0.00 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Tgt Ion: 88 Resp: 56483
Ion Ratio Lower Upper
88 100
58 63.8 79.6 119.4#
43 30.6 27.4 41.0



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





#3

Pvridine

Concen: 33.071 ng

RT: 3.97 min Scan# 115

Delta R.T. 0.01 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampled :

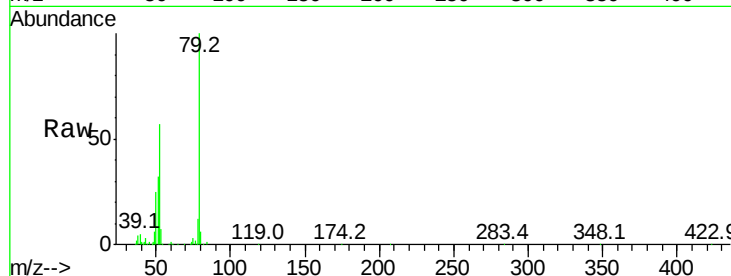
Tot Ion: 79 Resp: 143369

Ion Ratio Lower Upper

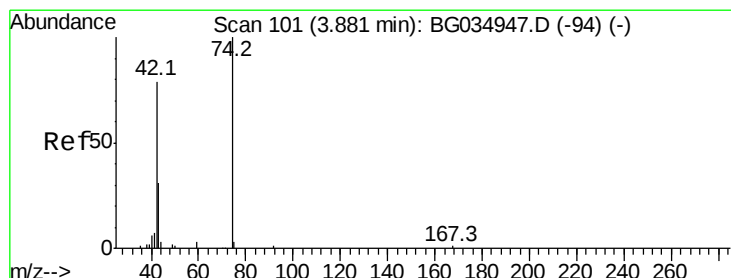
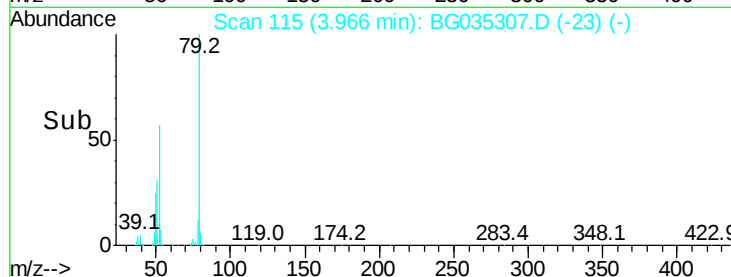
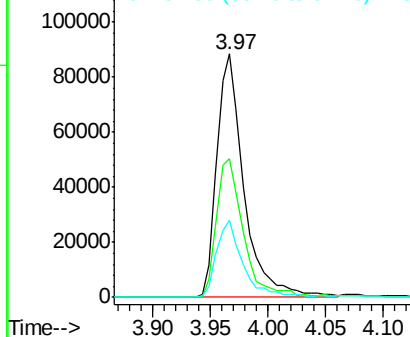
79 100

52 56.7 69.9 104.9#

51 31.6 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.094 ng

RT: 3.87 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

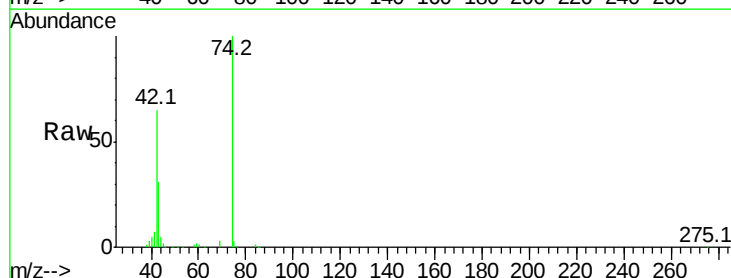
Tgt Ion: 42 Resp: 63497

Ion Ratio Lower Upper

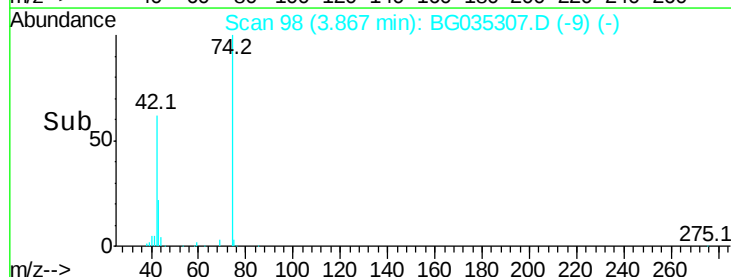
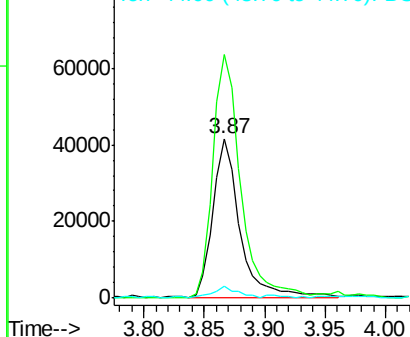
42 100

74 152.8 102.5 153.7

44 7.4 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 132.573 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

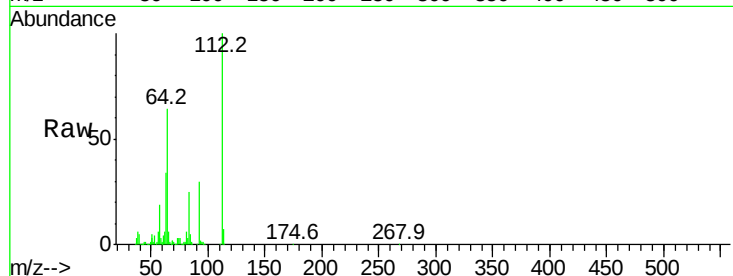
Tot Ion:112 Resp: 446437

Ion Ratio Lower Upper

112 100

64 64.2 56.3 84.5

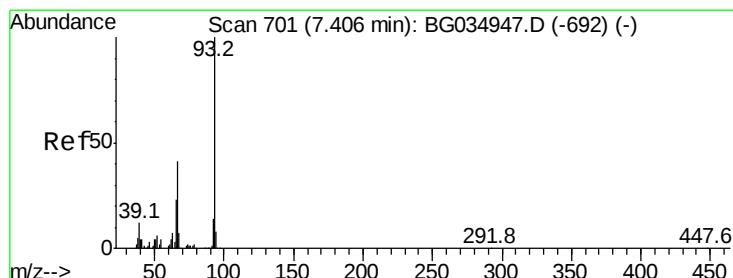
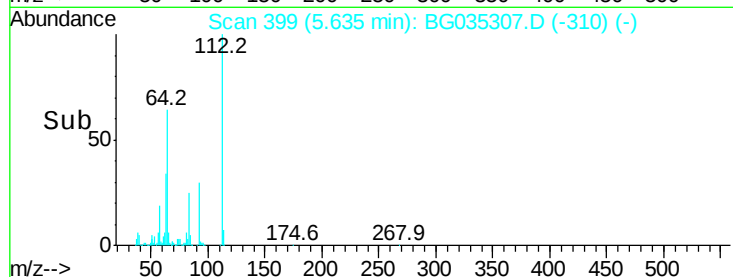
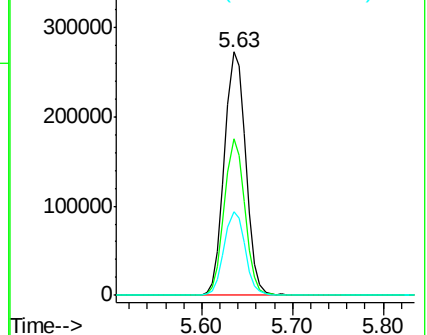
63 34.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.847 ng

RT: 7.39 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

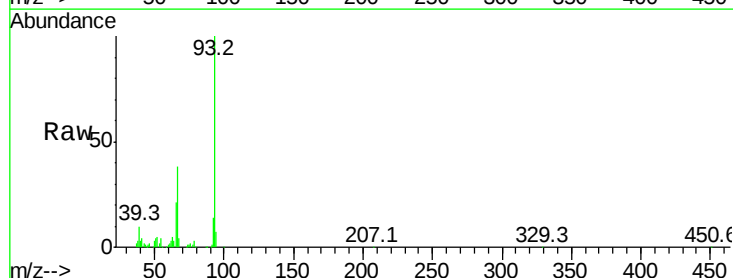
Tgt Ion: 93 Resp: 146783

Ion Ratio Lower Upper

93 100

66 37.9 33.7 50.5

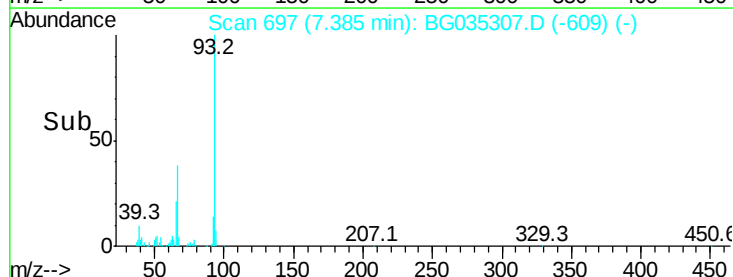
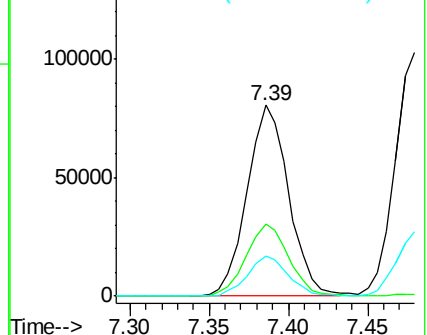
65 21.2 16.1 24.1

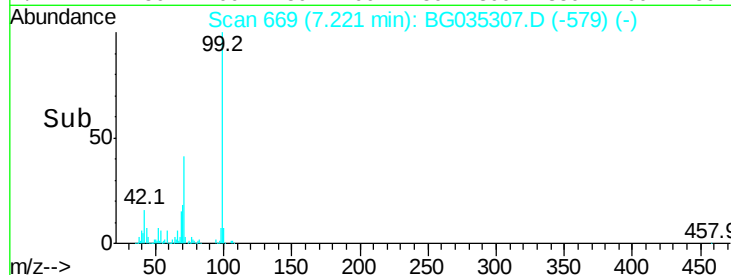
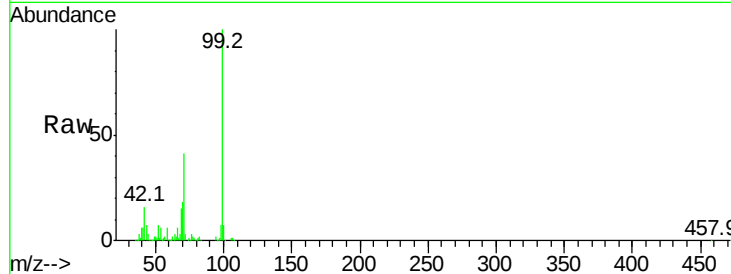
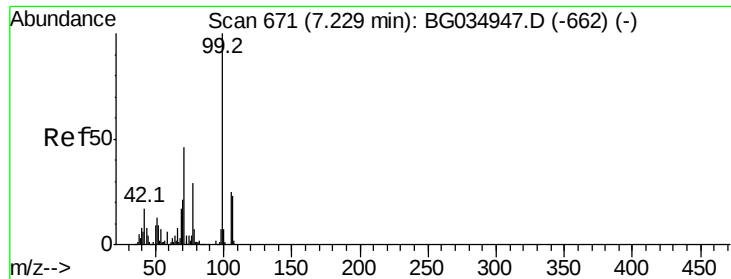


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.019 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

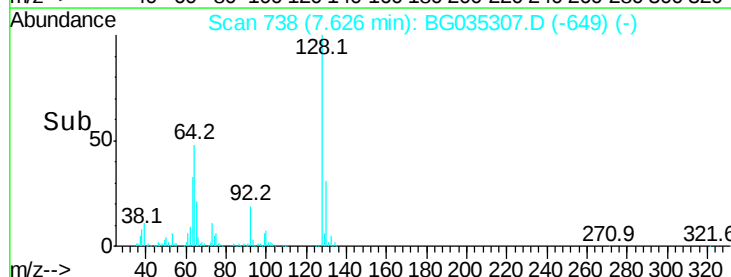
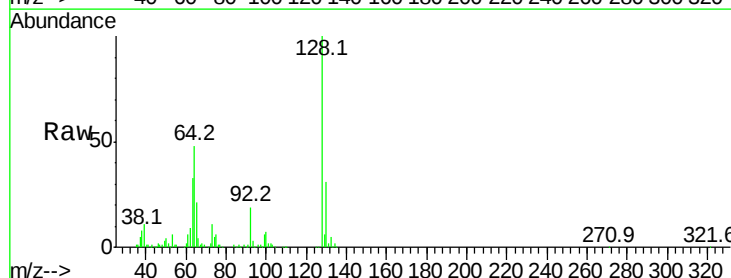
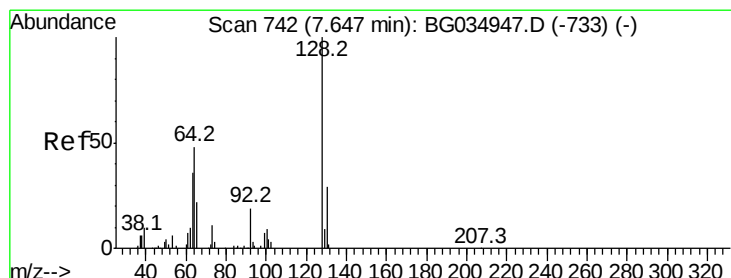
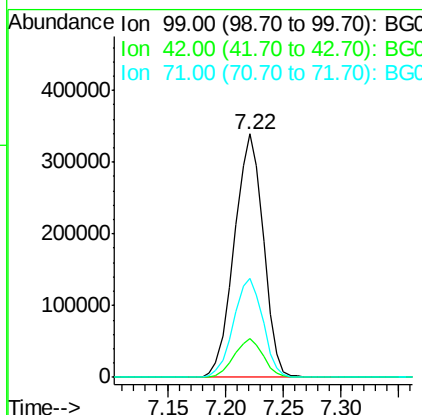
Tot Ion: 99 Resp: 591551

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

71 40.8 26.1 39.1#



#8

2-Chlorophenol

Concen: 43.334 ng

RT: 7.63 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

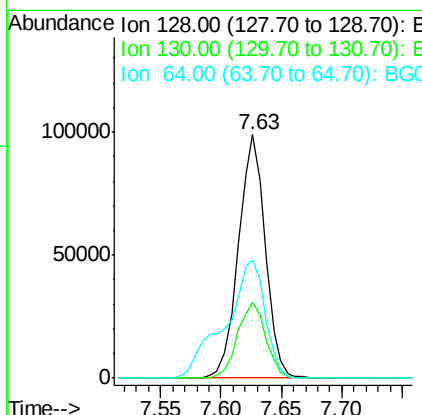
Tgt Ion:128 Resp: 152963

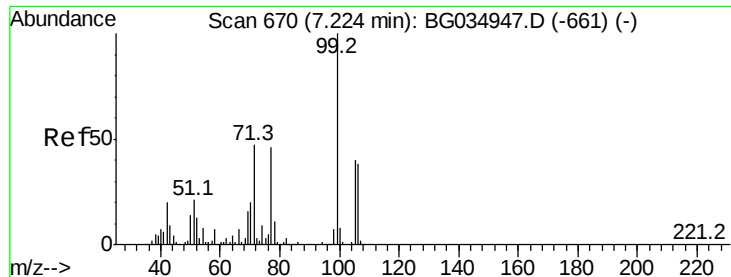
Ion Ratio Lower Upper

128 100

130 31.2 14.0 54.0

64 48.4 37.7 77.7





#9

Benzaldehyde

Concen: 20.469 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampled :

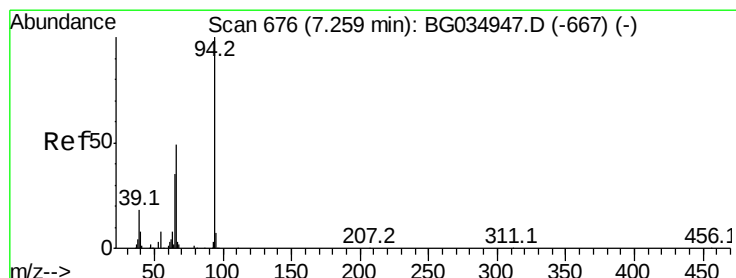
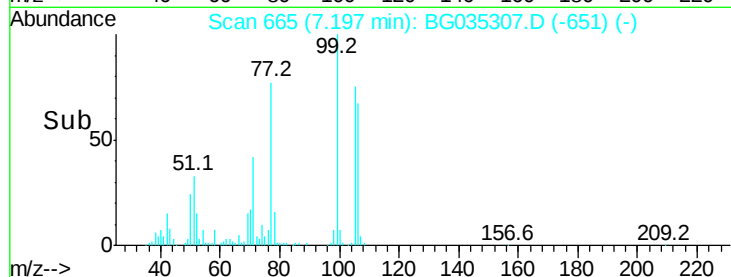
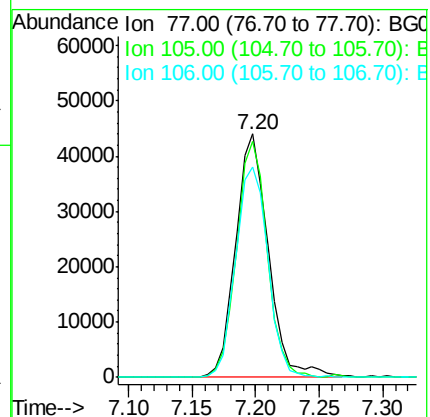
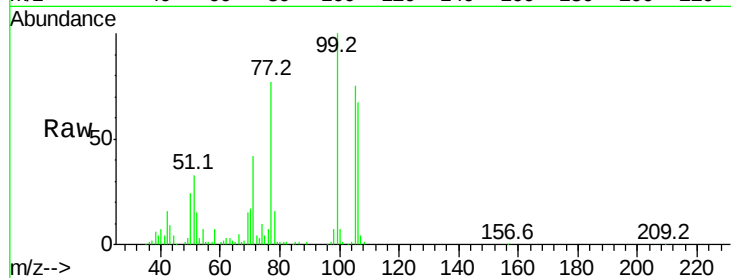
Tot Ion: 77 Resp: 78362

Ion Ratio Lower Upper

77 100

105 96.9 71.3 111.3

106 86.4 64.2 104.2



#10

Phenol

Concen: 37.825 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

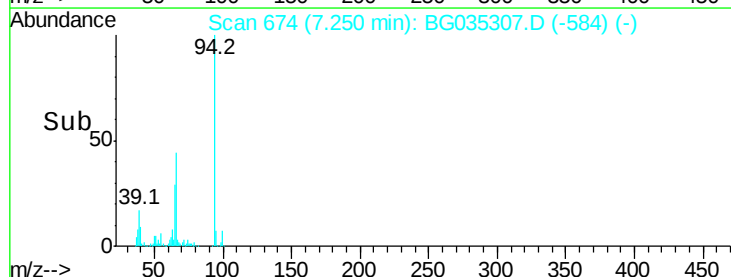
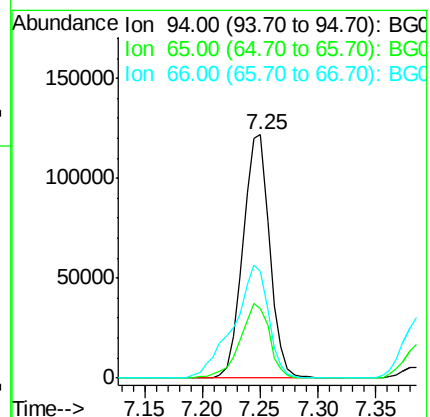
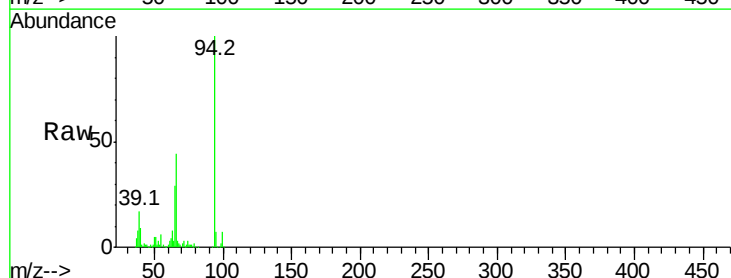
Tgt Ion: 94 Resp: 194557

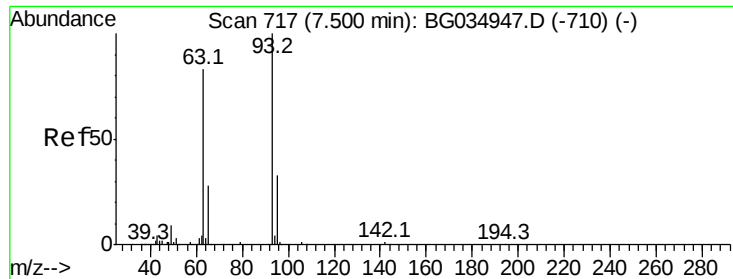
Ion Ratio Lower Upper

94 100

65 28.7 11.9 51.9

66 43.8 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 39.893 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampled :

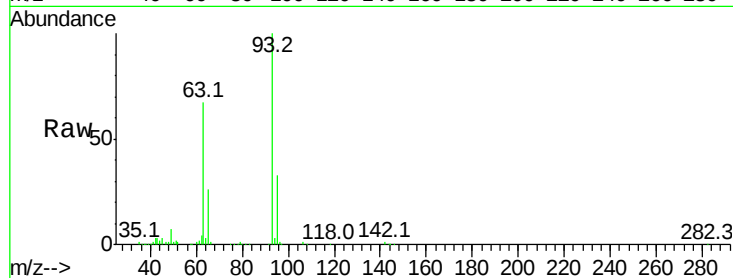
Tot Ion: 93 Resp: 159265

Ion Ratio Lower Upper

93 100

63 67.3 67.1 107.1

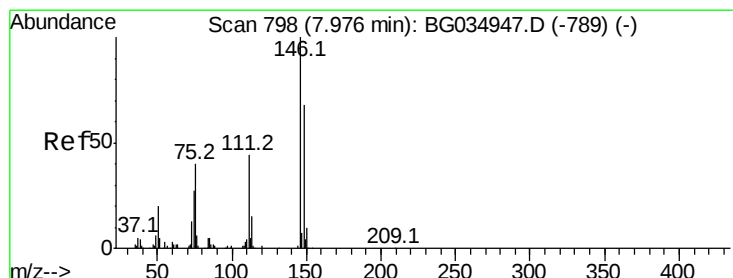
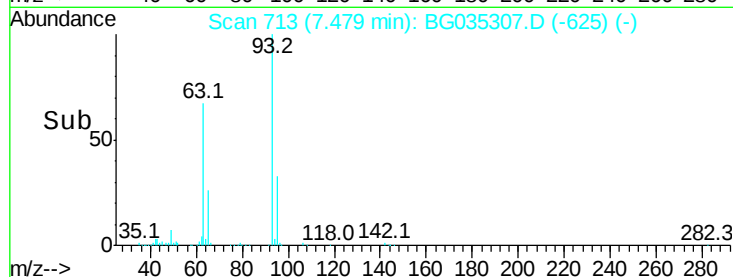
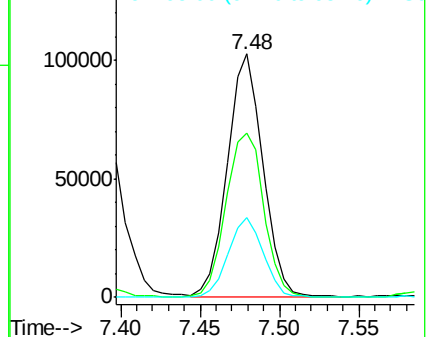
95 32.7 11.5 51.5



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: 43.290 ng

RT: 7.94 min Scan# 792

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

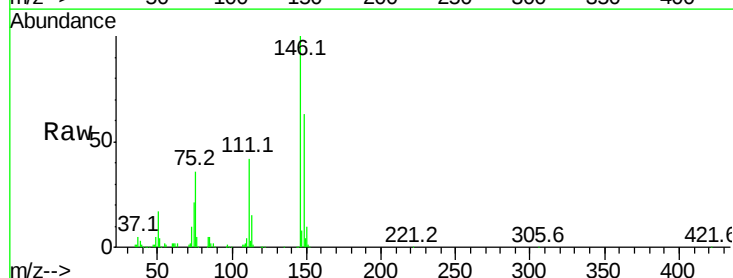
Tgt Ion: 146 Resp: 182323

Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.2

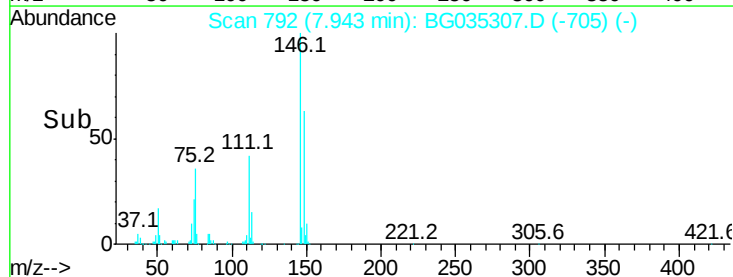
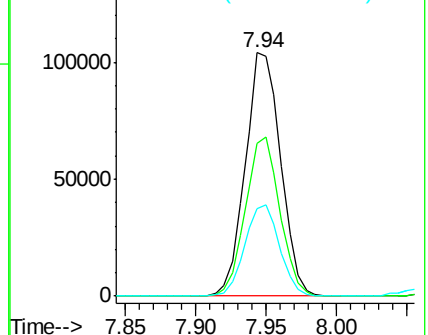
75 35.9 26.6 39.8

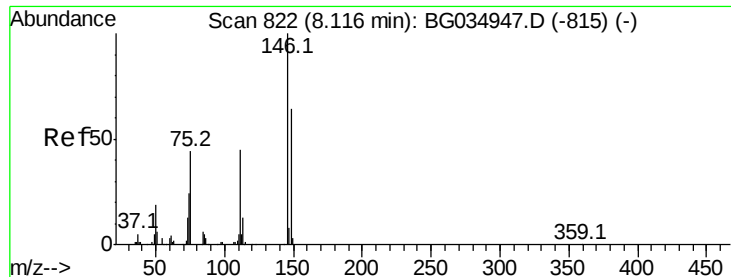


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

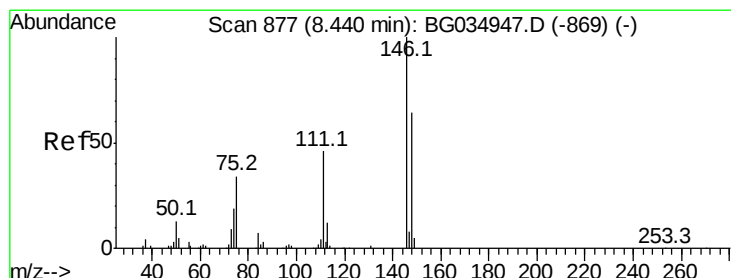
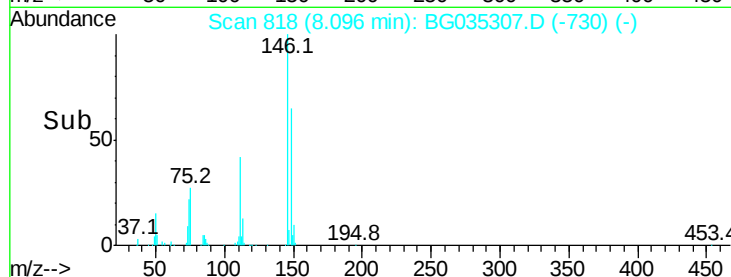
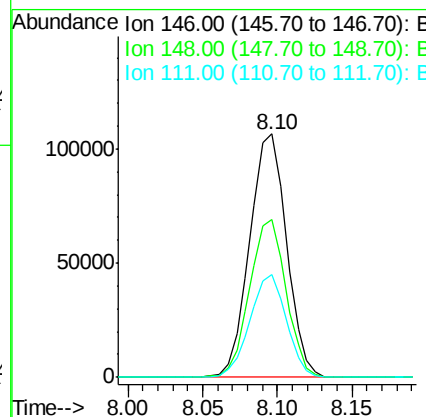
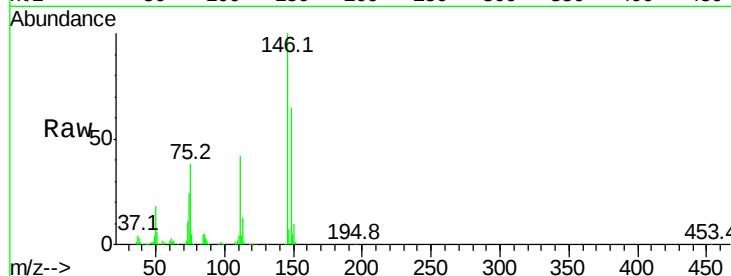




#13
1,4-Dichlorobenzene
Concen: 41.821 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

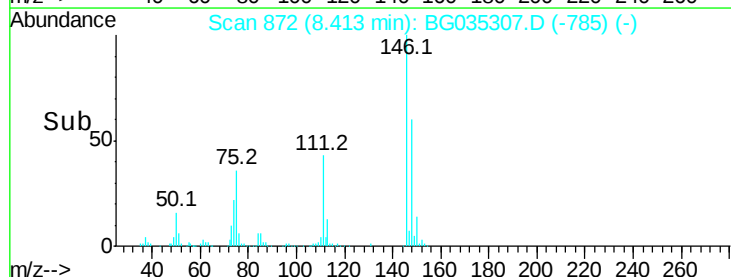
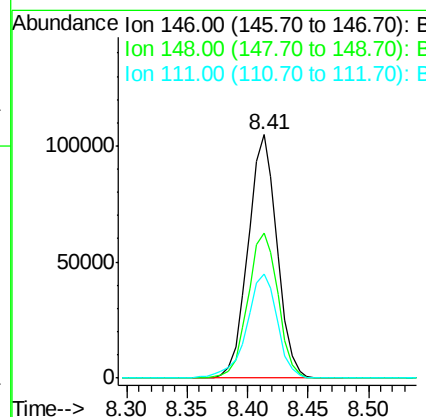
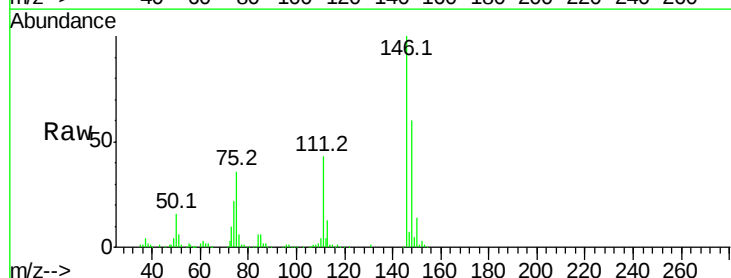
Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 181823
Ion Ratio Lower Upper
146 100
148 64.9 53.7 80.5
111 42.4 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 42.789 ng
RT: 8.41 min Scan# 872
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Tgt Ion:146 Resp: 174739
Ion Ratio Lower Upper
146 100
148 59.5 49.3 73.9
111 42.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 39.791 ng

RT: 8.30 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampled :

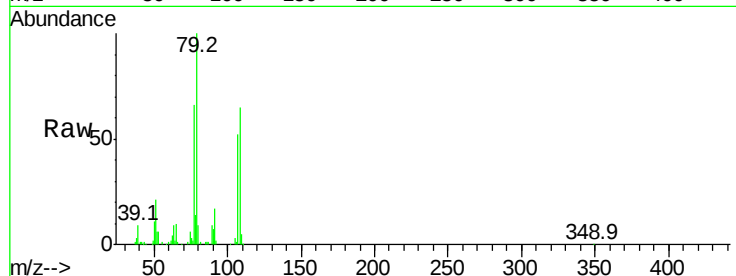
Tot Ion: 79 Resp: 187397

Ion Ratio Lower Upper

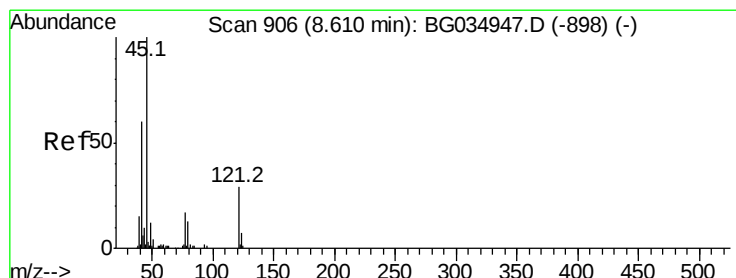
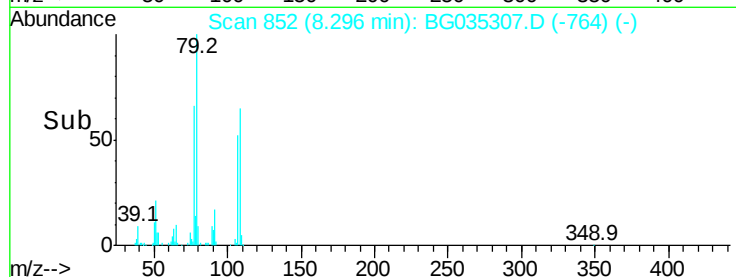
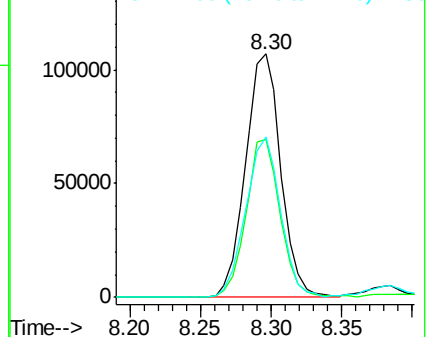
79 100

108 64.8 57.2 85.8

77 65.8 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.166 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

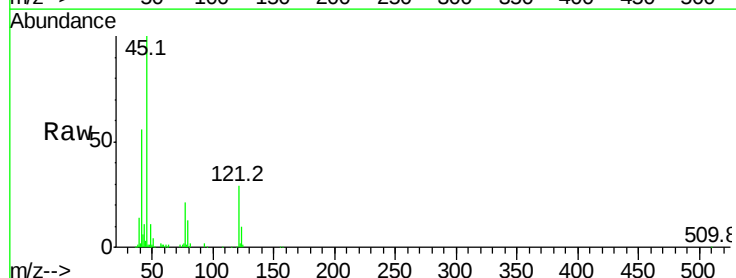
Tgt Ion: 45 Resp: 175493

Ion Ratio Lower Upper

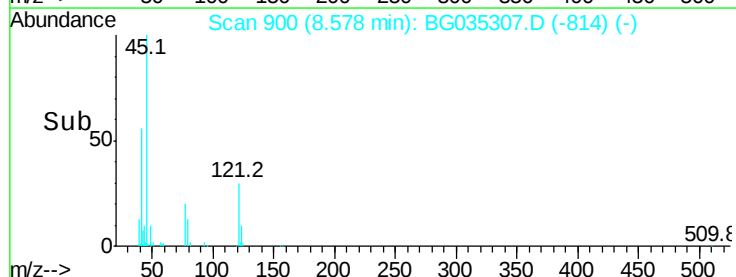
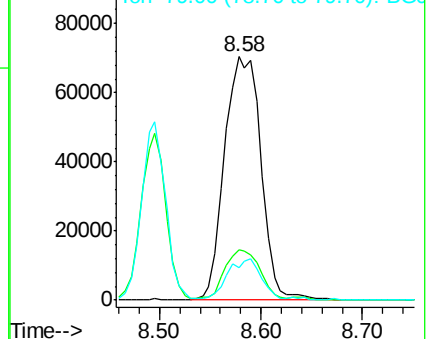
45 100

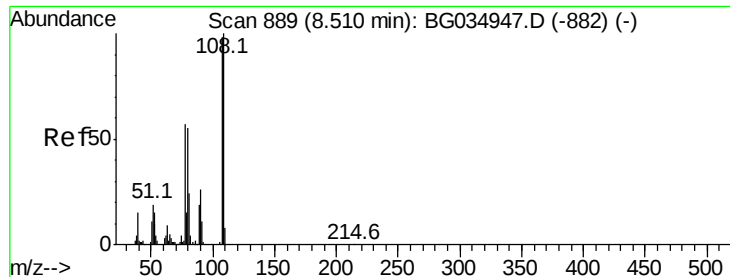
77 20.8 0.0 30.2

79 13.4 0.0 27.9



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





#17

2-Methylphenol

Concen: 43.512 ng

RT: 8.50 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampled :

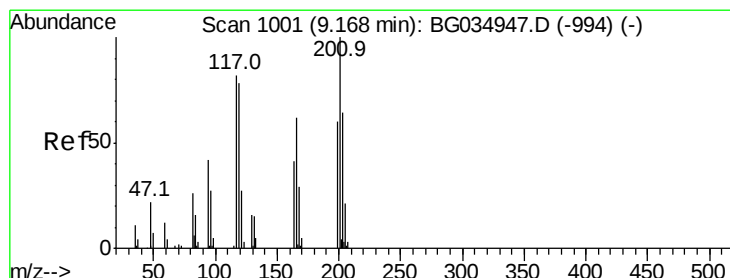
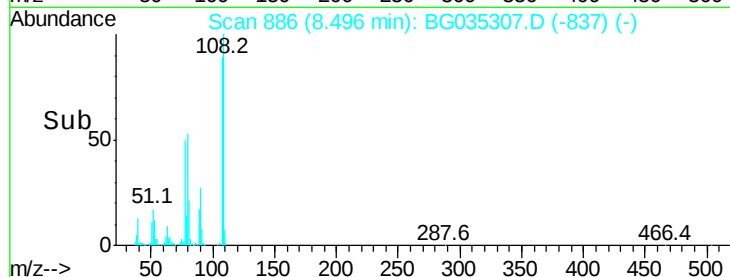
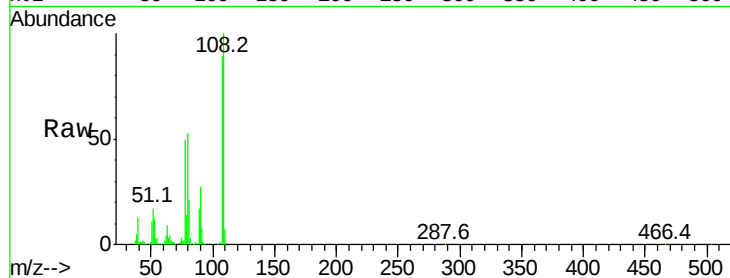
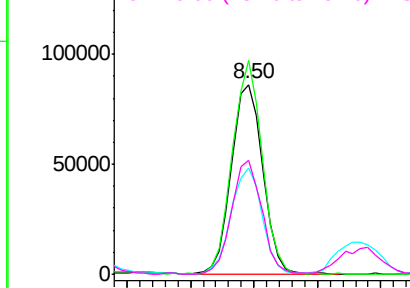
Tot Ion:	107	Resp:	147554
Ion	Ratio	Lower	Upper
107	100		
108	112.5	83.9	125.9
77	55.9	37.2	55.8#
79	60.0	36.2	54.2#

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 43.580 ng

RT: 9.14 min Scan# 996

Delta R.T. -0.02 min

Lab File: BG035307.D

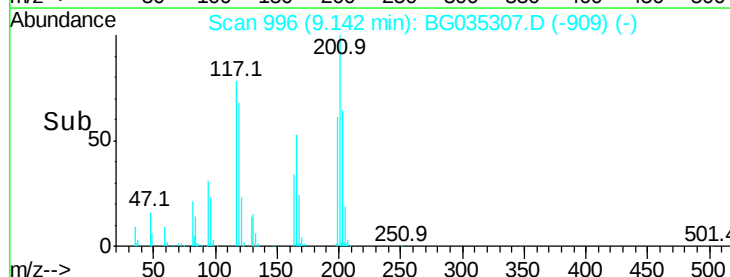
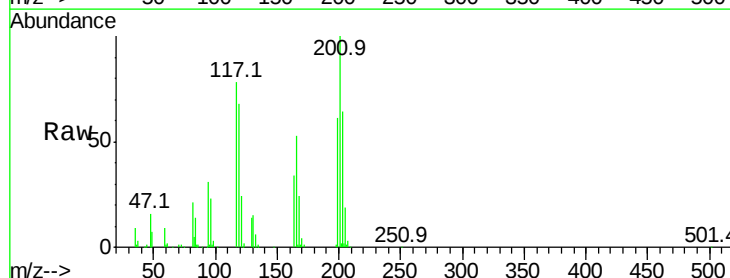
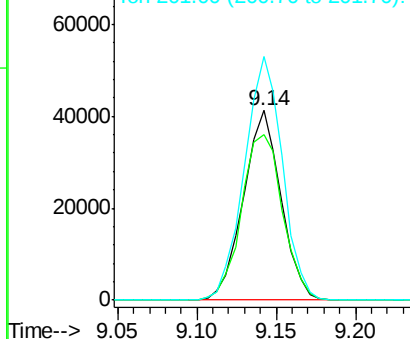
Acq: 21 Jun 2018 19:56

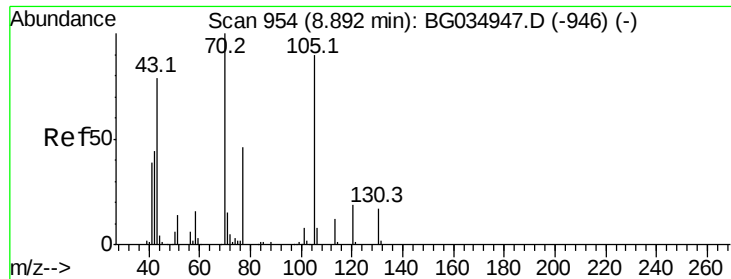
Tgt Ion:	117	Resp:	67832
Ion	Ratio	Lower	Upper
117	100		
119	87.4	76.7	115.1
201	128.3	95.7	143.5

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

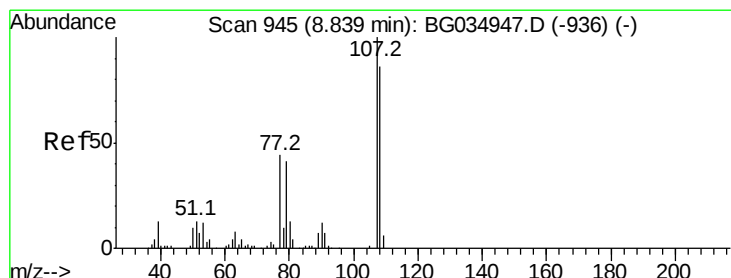
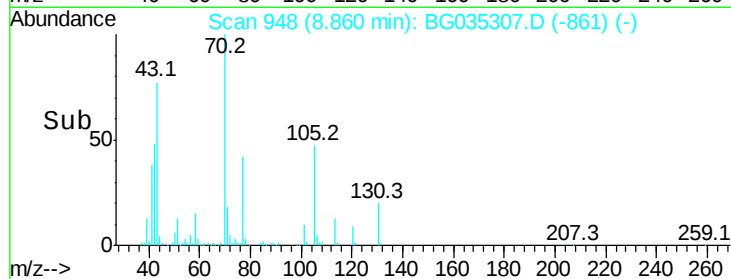
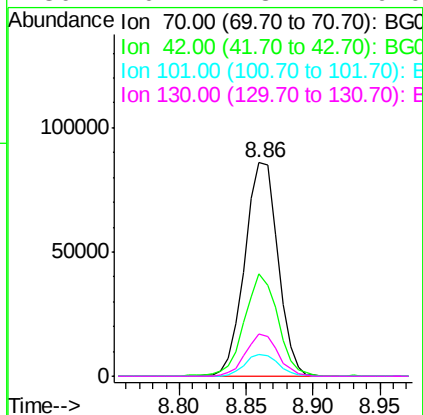
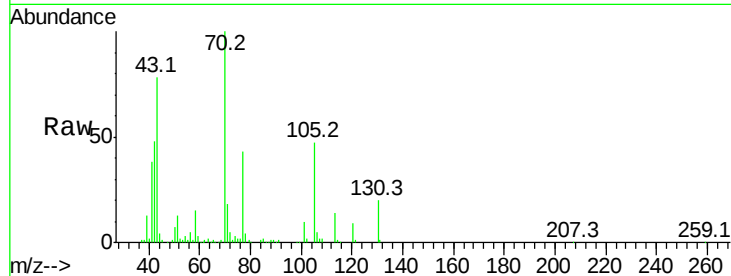




#19
n-Nitroso-di-n-propylamine
Concen: 34.933 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

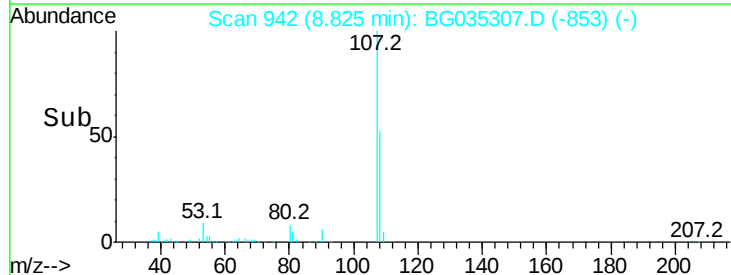
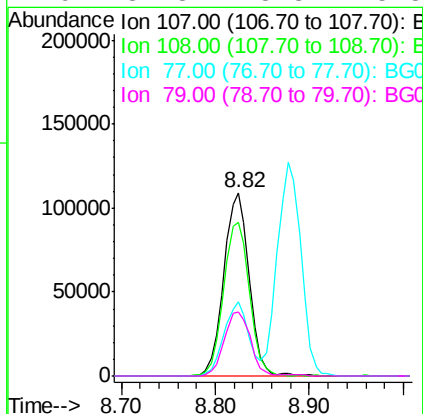
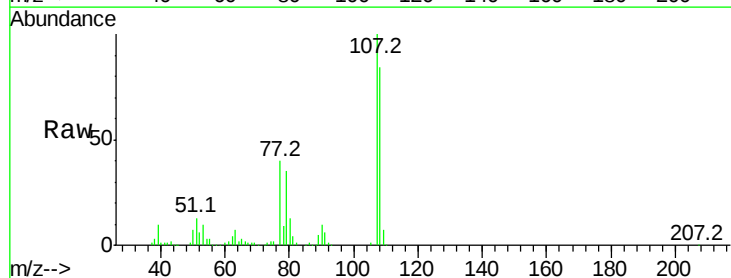
Instrument :
BNA_G
ClientSampleId :

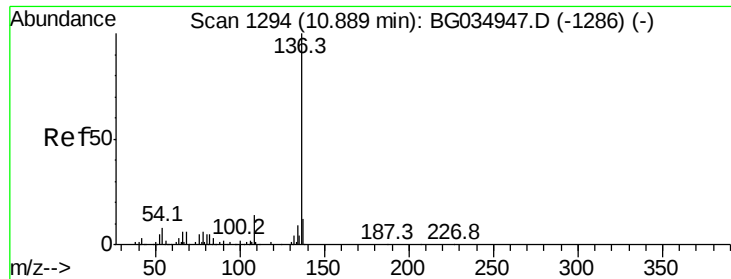
Tot Ion: 70 Resp: 147507
Ion Ratio Lower Upper
70 100
42 48.1 49.1 73.7#
101 10.0 8.5 12.7
130 20.1 13.4 20.0#



#20
3+4-Methylphenols
Concen: 41.918 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Tgt Ion: 107 Resp: 203752
Ion Ratio Lower Upper
107 100
108 83.8 61.6 101.6
77 40.5 13.9 53.9
79 34.8 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 205172

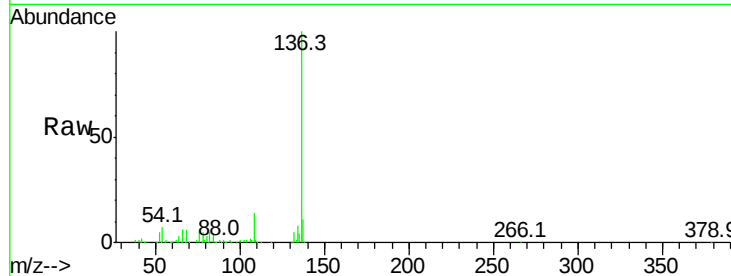
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.8 10.3 15.5#

68 5.6 4.5 6.7

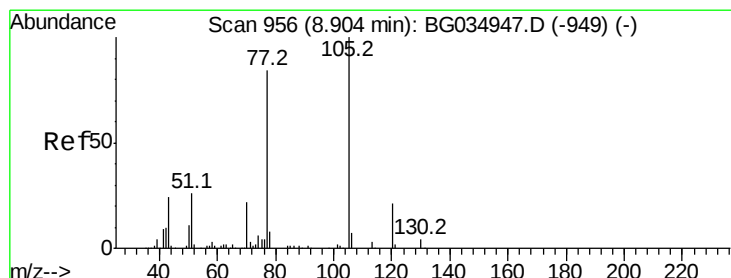
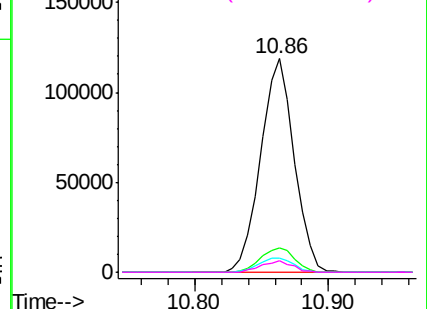
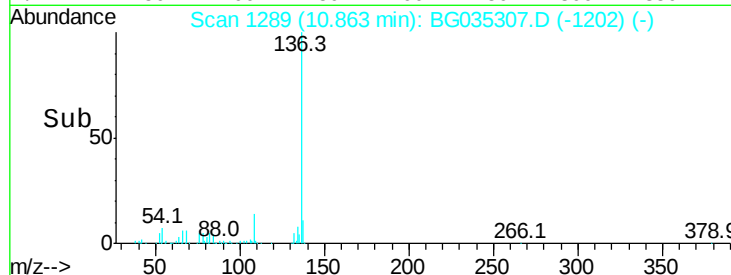


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.584 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Tgt Ion:105 Resp: 270649

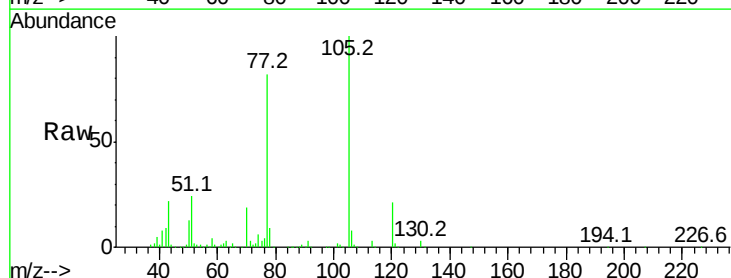
Ion Ratio Lower Upper

105 100

71 3.0 3.0 4.4

51 23.6 26.1 39.1#

120 21.2 17.4 26.2

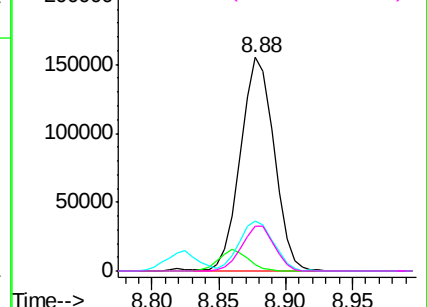
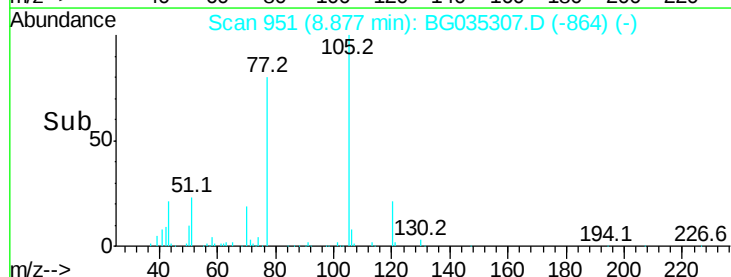


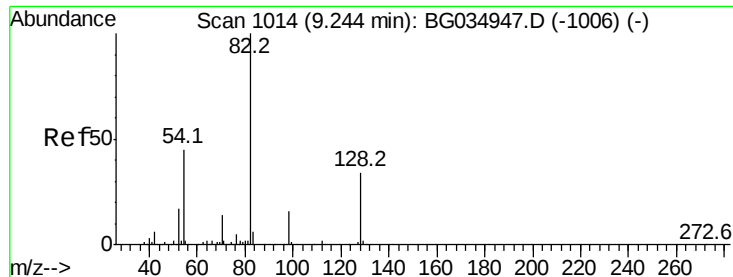
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

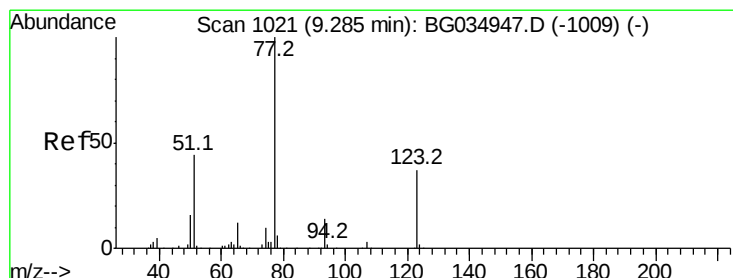
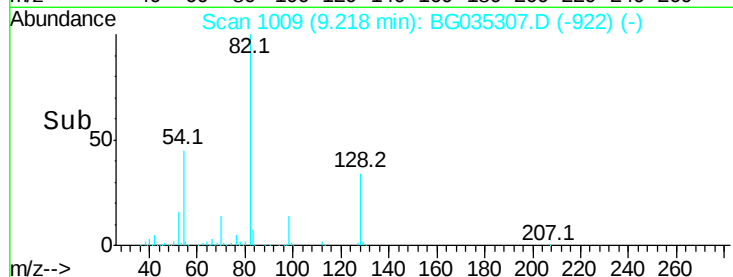
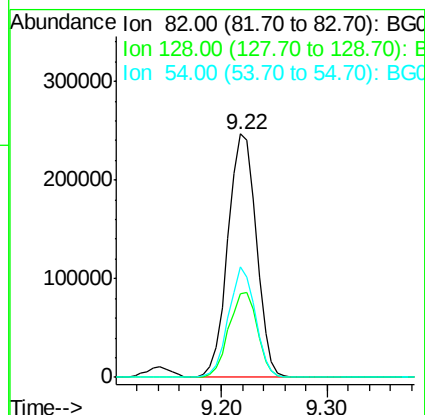
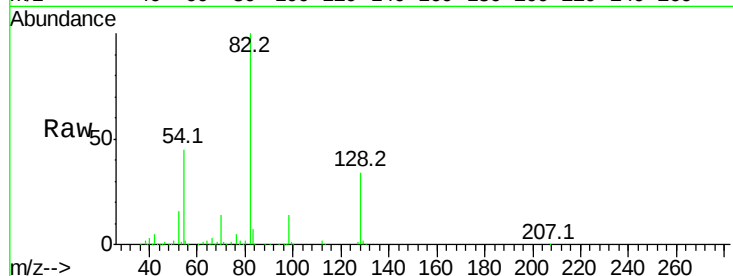




#23
Nitrobenzene-d5
Concen: 106.244 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

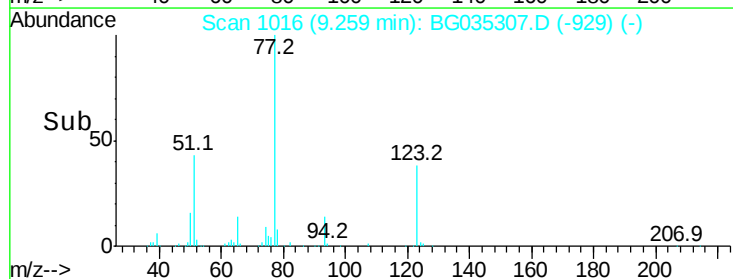
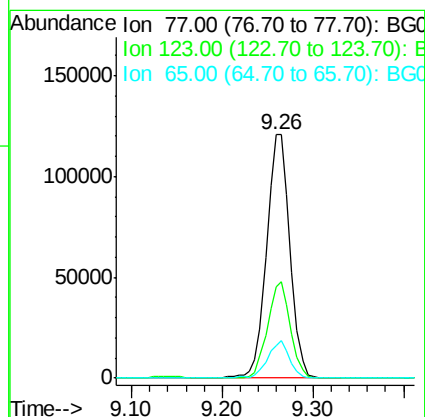
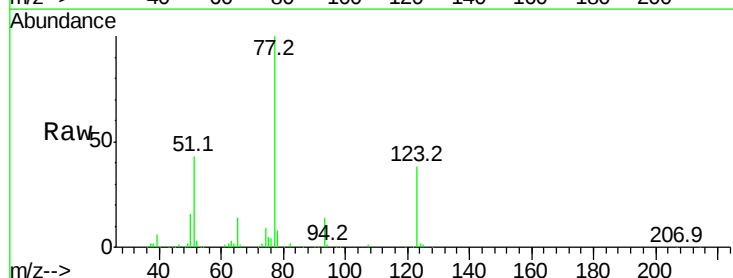
Instrument :
BNA_G
ClientSampleId :

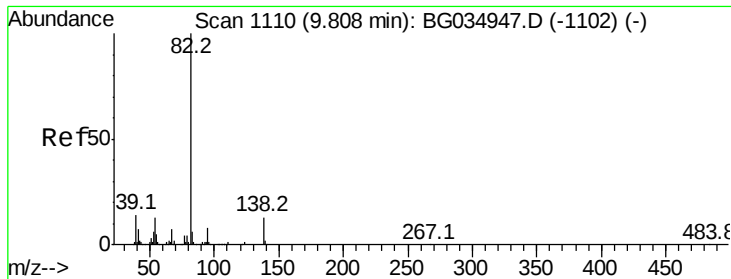
Tot Ion	82	Resp	458582
Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	45.2	43.1	64.7



#24
Nitrobenzene
Concen: 49.208 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Tgt Ion	77	Resp	217497
Ion	Ratio	Lower	Upper
77	100		
123	37.7	33.0	49.6
65	13.5	13.0	19.6





#25

Isophorone

Concen: 47.409 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

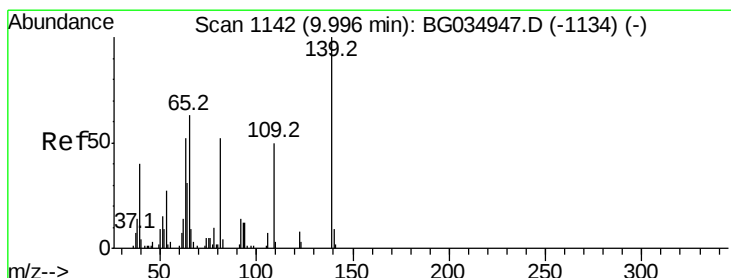
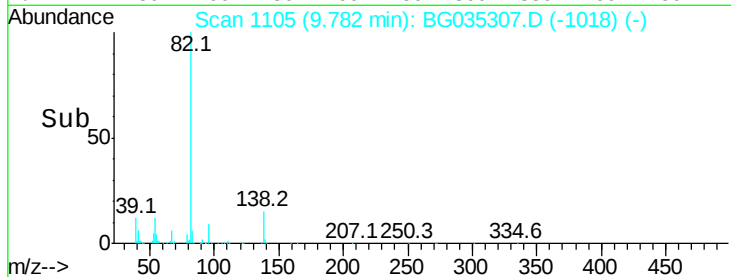
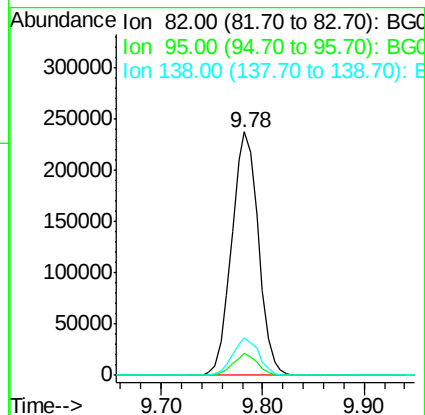
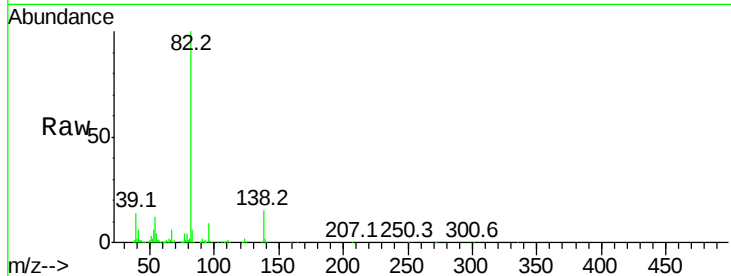
Tot Ion: 82 Resp: 432038

Ion Ratio Lower Upper

82 100

95 9.3 6.2 9.2#

138 15.3 12.1 18.1



#26

2-Nitrophenol

Concen: 57.990 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

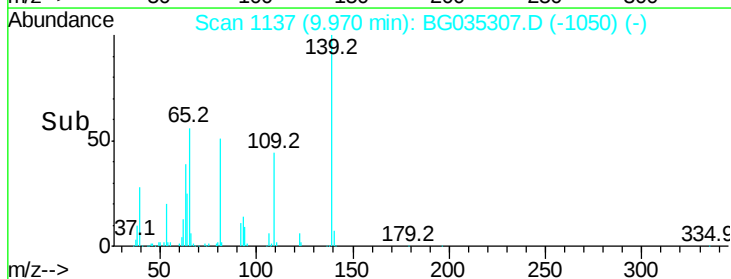
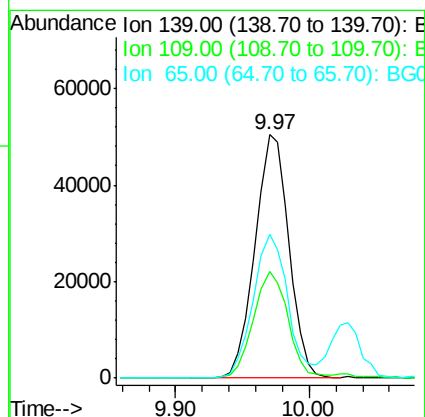
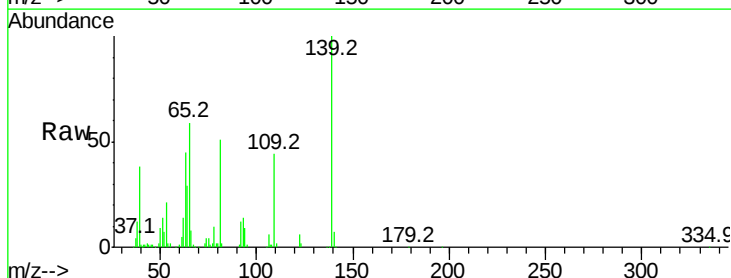
Tgt Ion: 139 Resp: 88348

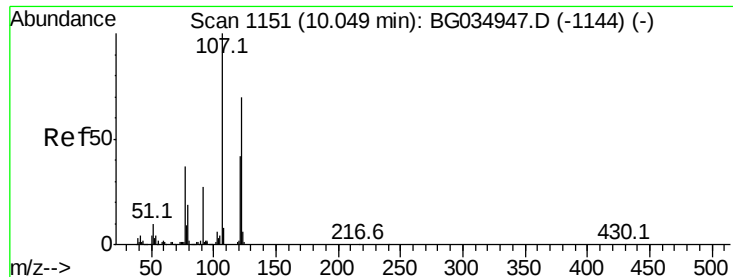
Ion Ratio Lower Upper

139 100

109 43.9 24.2 36.2#

65 59.1 47.4 71.0

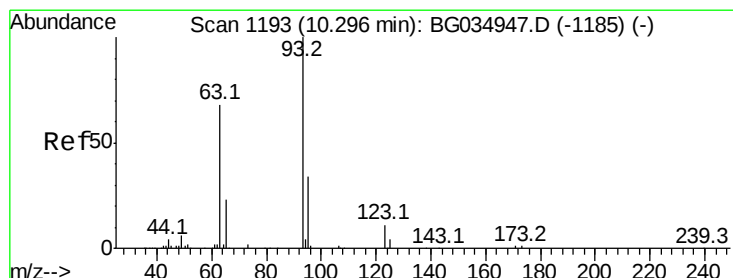
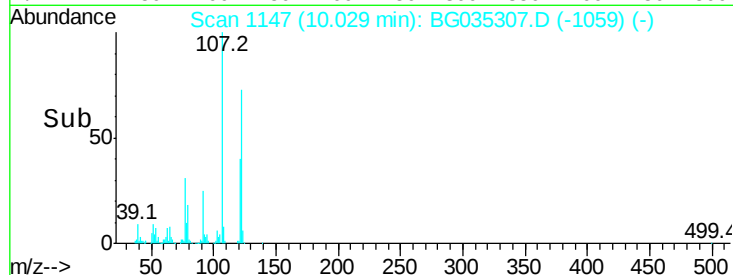
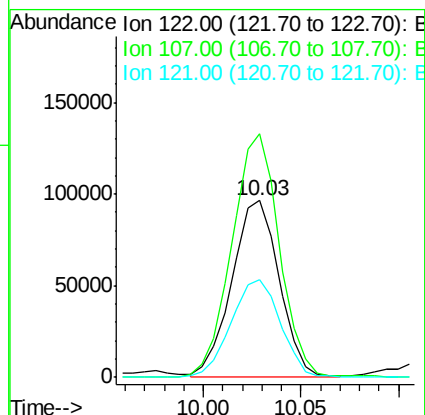
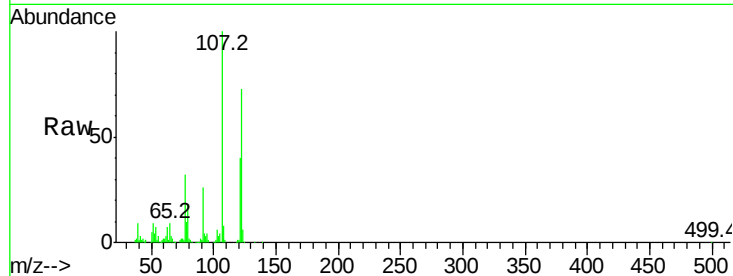




#27
2,4-Dimethylphenol
Concen: 50.526 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

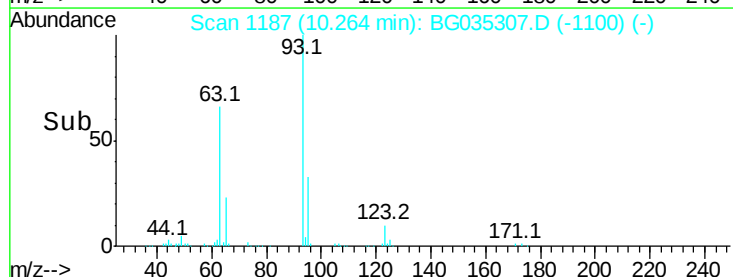
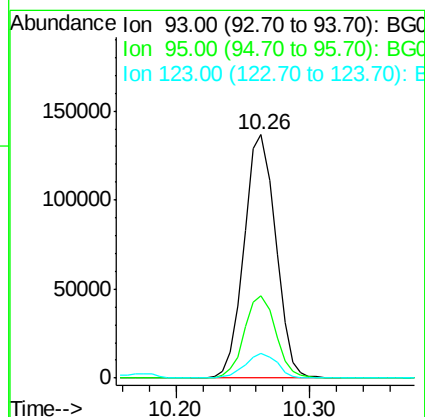
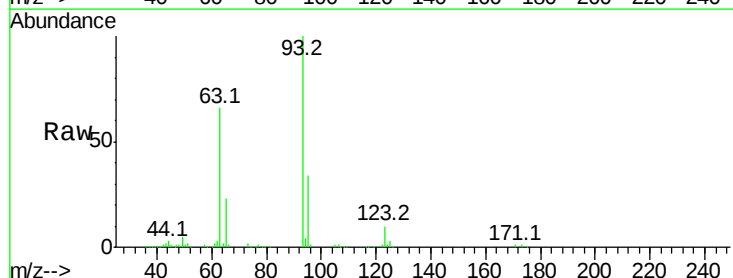
Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 161802
Ion Ratio Lower Upper
122 100
107 137.6 100.2 150.2
121 55.0 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.670 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Tgt Ion: 93 Resp: 223655
Ion Ratio Lower Upper
93 100
95 33.7 24.3 36.5
123 10.2 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 53.129 ng

RT: 10.50 min Scan# 1228

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

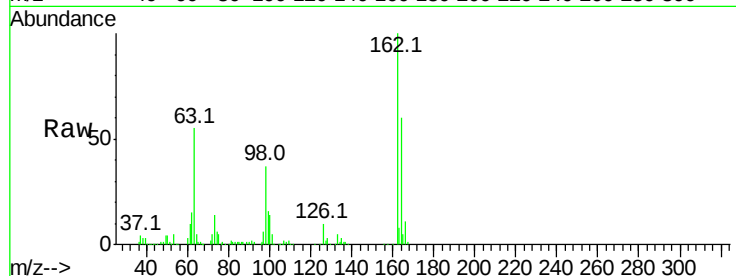
Tot Ion:162 Resp: 185125

Ion Ratio Lower Upper

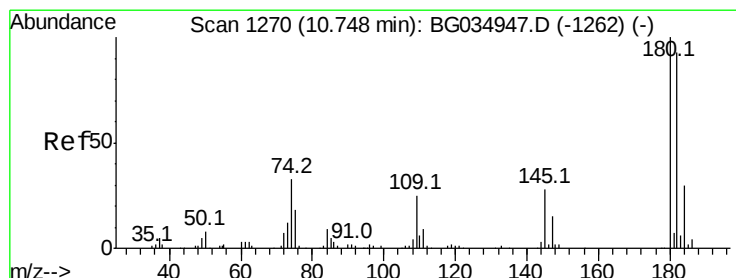
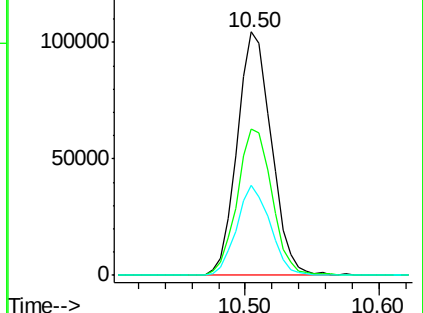
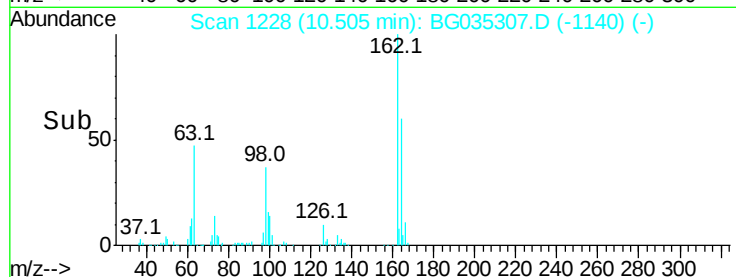
162 100

164 60.3 48.0 88.0

98 37.1 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): E



#30

1,2,4-Trichlorobenzene

Concen: 46.911 ng

RT: 10.72 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

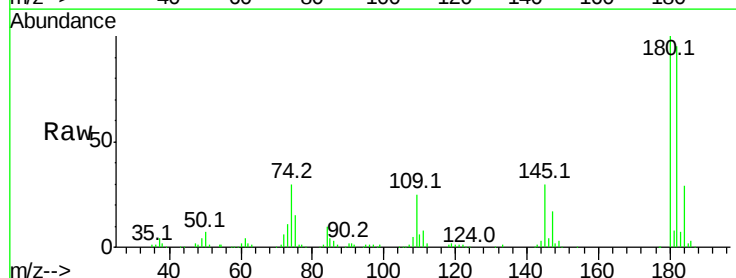
Tgt Ion:180 Resp: 196004

Ion Ratio Lower Upper

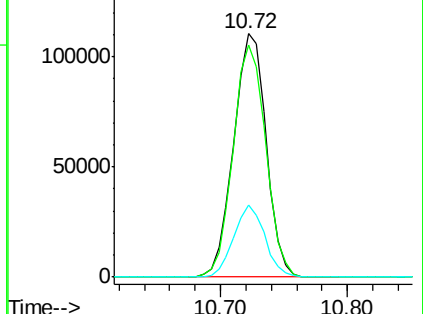
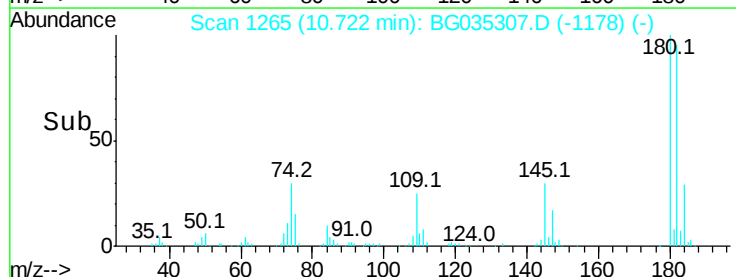
180 100

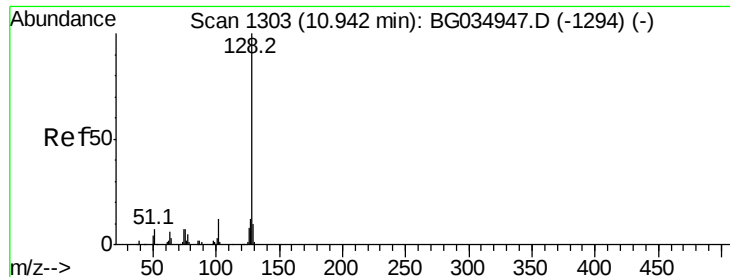
182 95.1 77.5 116.3

145 29.7 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

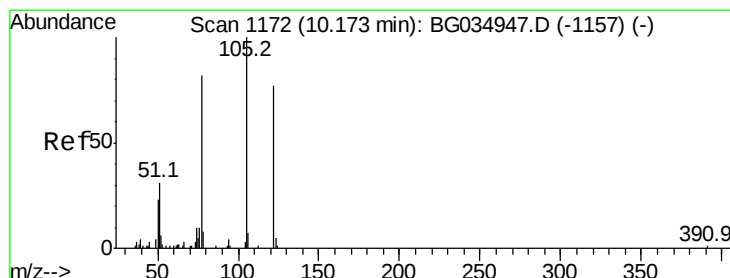
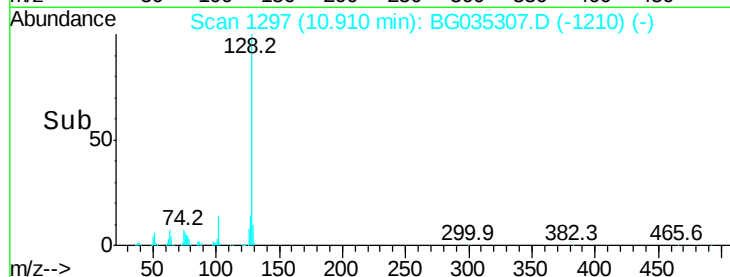
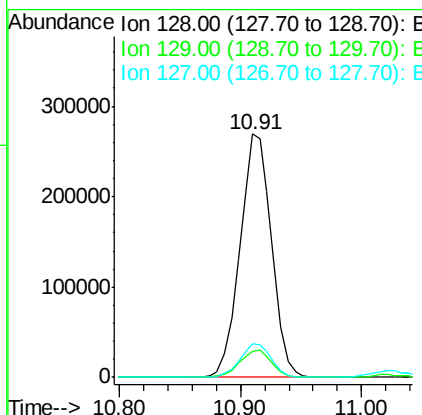
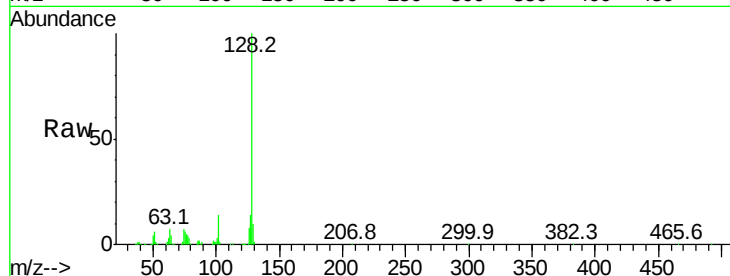




#31
Naphthalene
Concen: 45.684 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

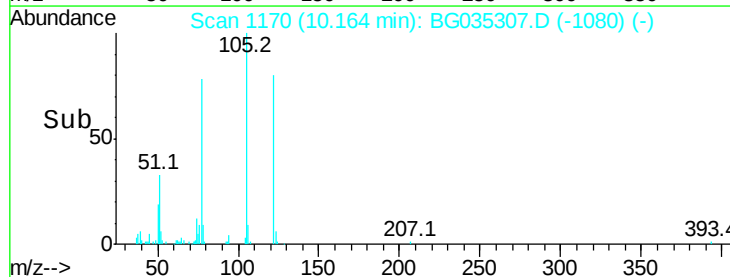
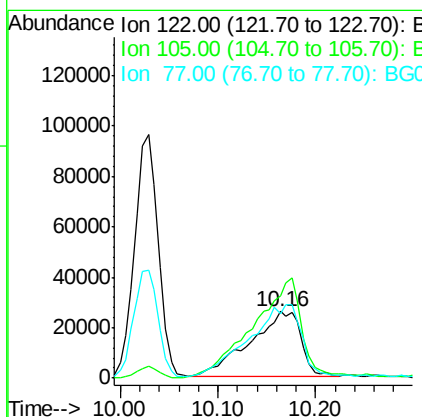
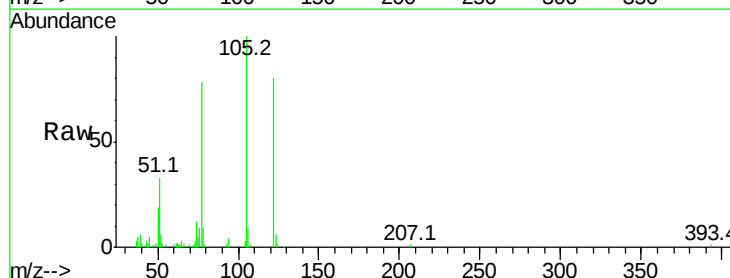
Instrument :
BNA_G
ClientSampleId :

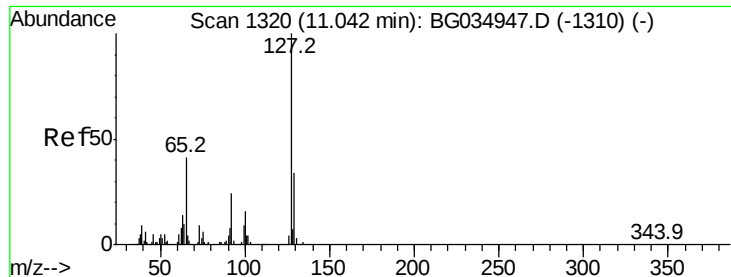
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	13.8	11.6	17.4



#32
Benzoic acid
Concen: 43.851 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.8	123.5	163.5
77	97.1	85.7	125.7

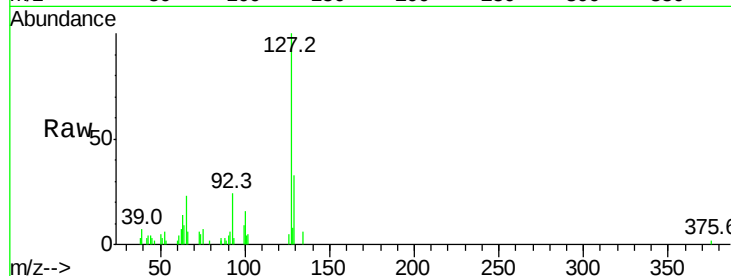




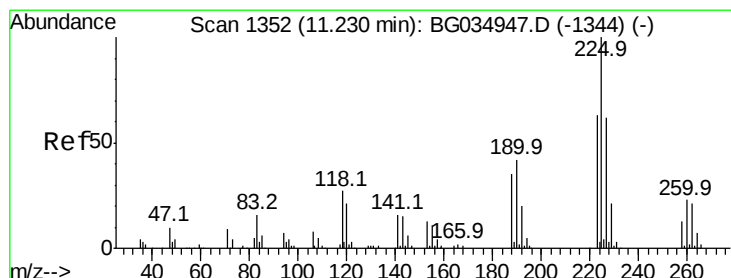
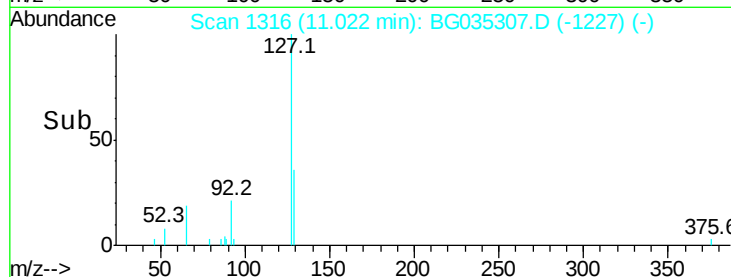
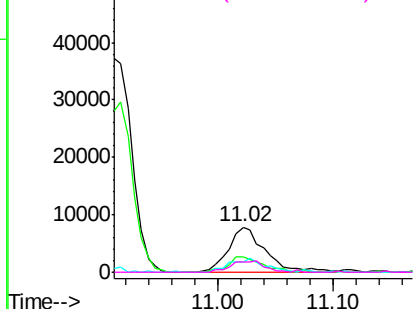
#33
4-Chloroaniline
Concen: 3.766 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	17430
Ion Ratio	Lower	Upper
127	100	
129	33.3	24.0 36.0
65	23.3	27.0 40.4#
92	23.6	16.6 25.0

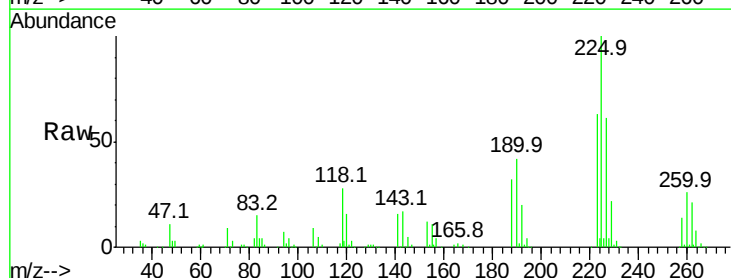


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

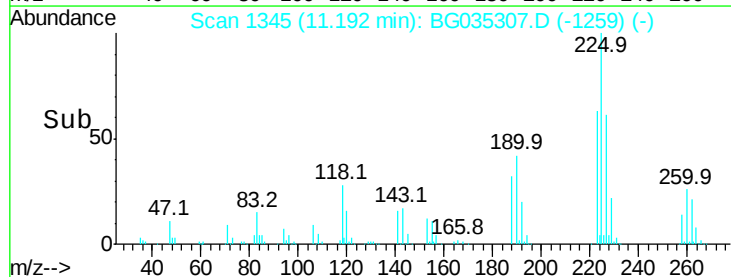
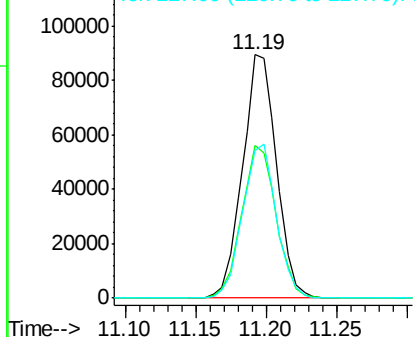


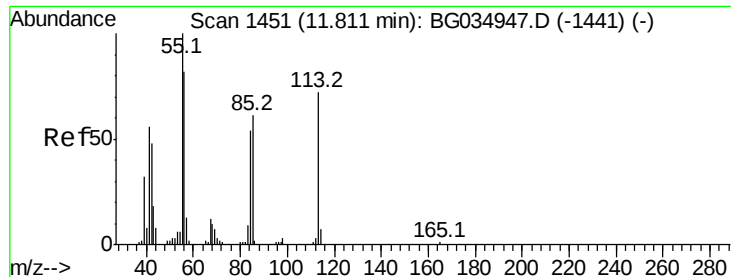
#34
Hexachlorobutadiene
Concen: 46.247 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Tgt Ion:225	Resp:	150276
Ion Ratio	Lower	Upper
225	100	
223	62.7	49.7 74.5
227	60.9	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: 25.553 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

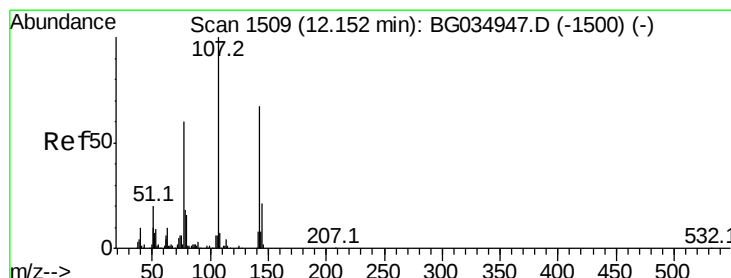
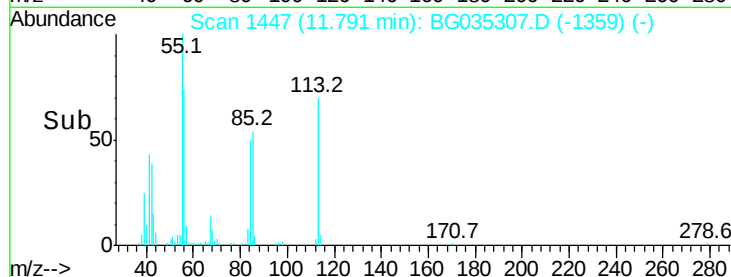
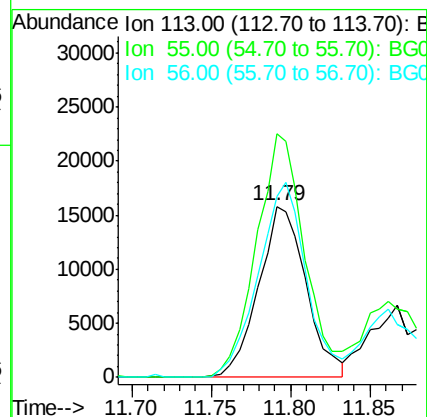
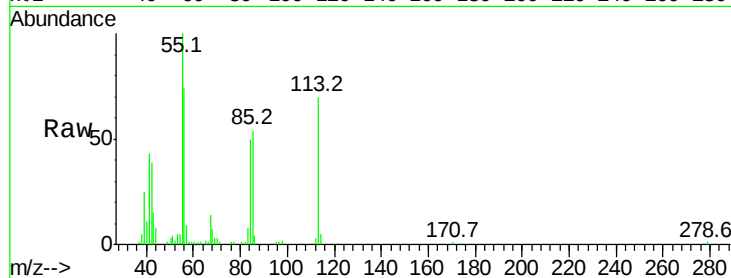
Tot Ion:113 Resp: 32906

Ion Ratio Lower Upper

113 100

55 142.6 186.9 226.9#

56 106.2 130.9 170.9#



#36

4-Chloro-3-methylphenol

Concen: 50.529 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

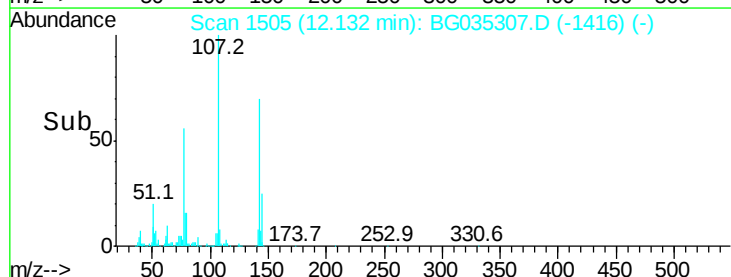
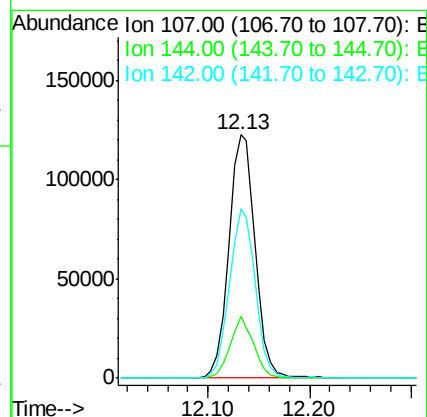
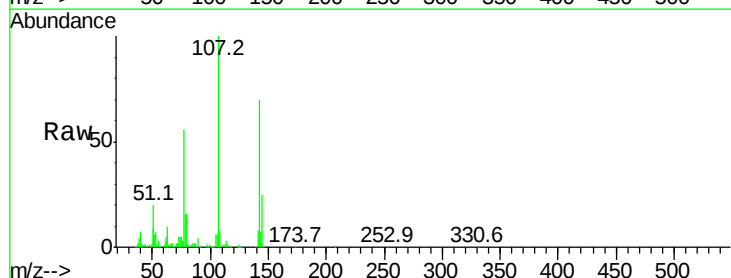
Tgt Ion:107 Resp: 219472

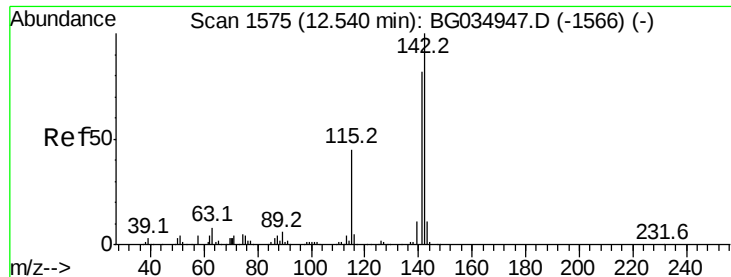
Ion Ratio Lower Upper

107 100

144 25.2 18.2 27.4

142 69.6 59.0 88.4

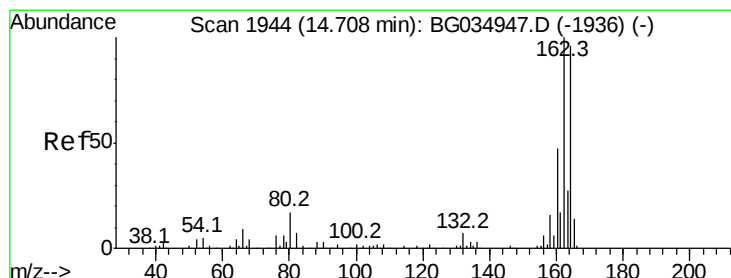
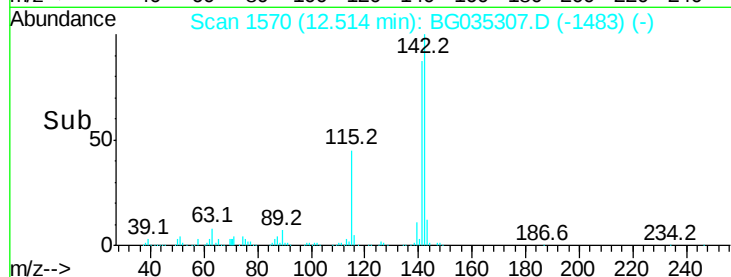
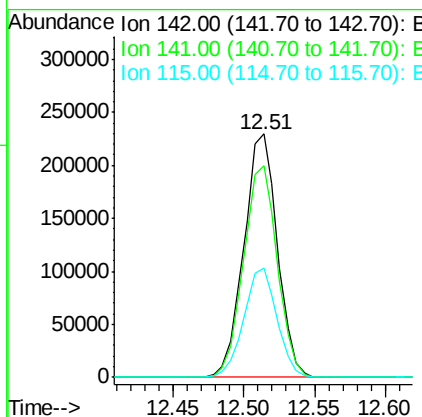
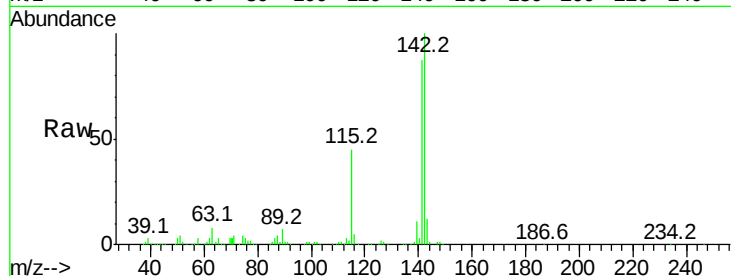




#37
2-Methylnaphthalene
Concen: 47.245 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

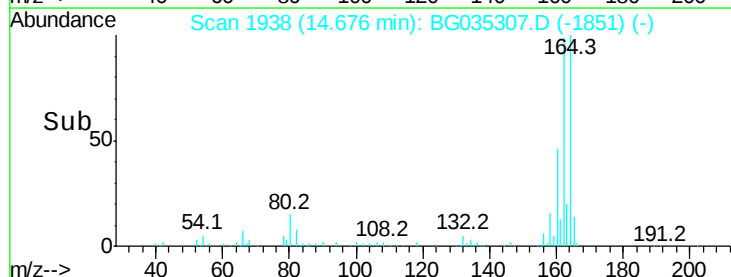
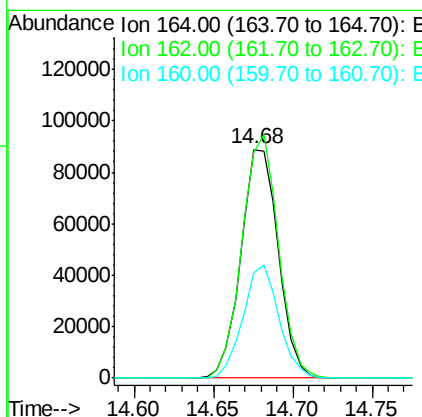
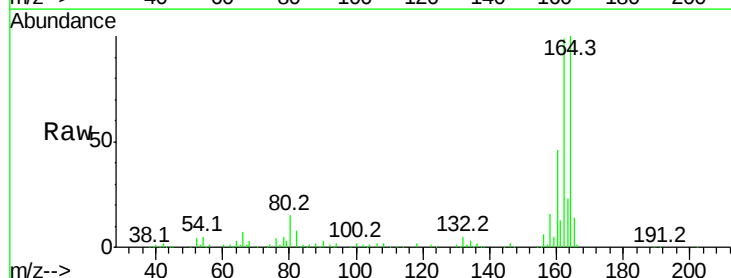
Instrument :
BNA_G
ClientSampleId :

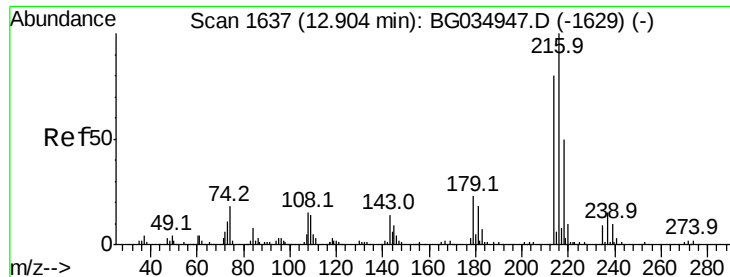
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	67.1	100.7
115	45.0	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.8	118.2
160	46.1	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.068 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 254930

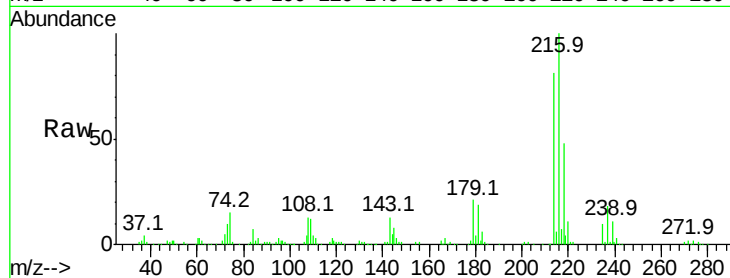
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 20.1 17.0 25.6

108 16.4 12.8 19.2

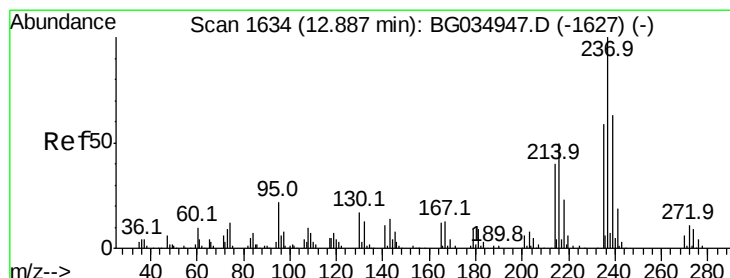
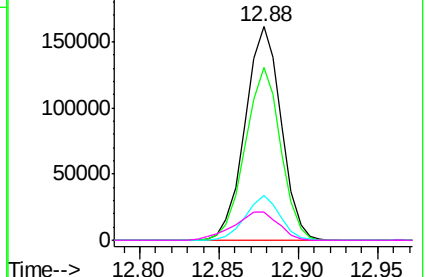
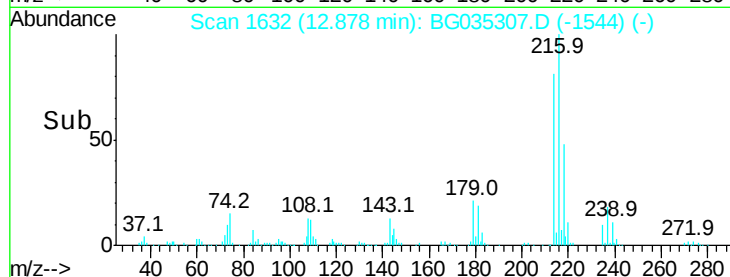


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 100.915 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

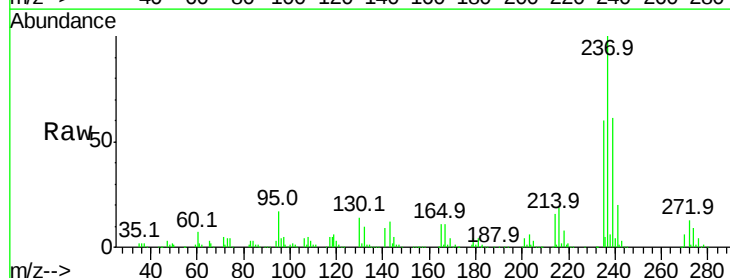
Tgt Ion:237 Resp: 342752

Ion Ratio Lower Upper

237 100

235 59.8 50.4 90.4

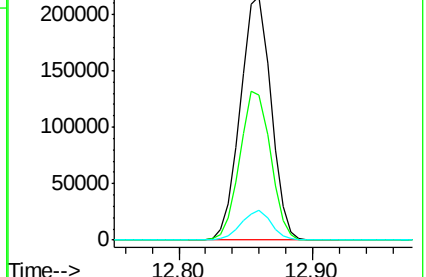
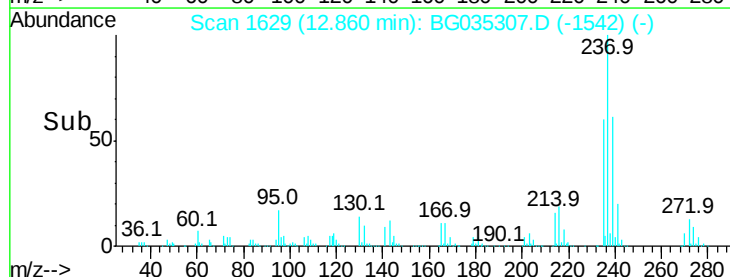
272 12.5 0.0 31.8

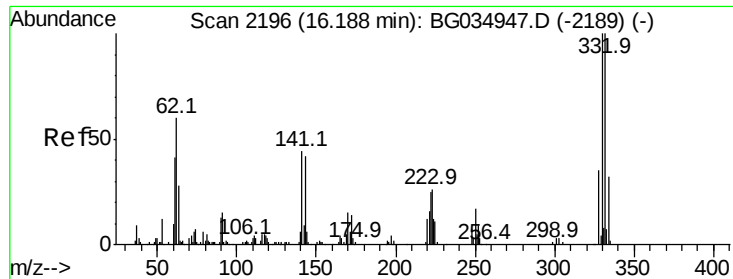


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

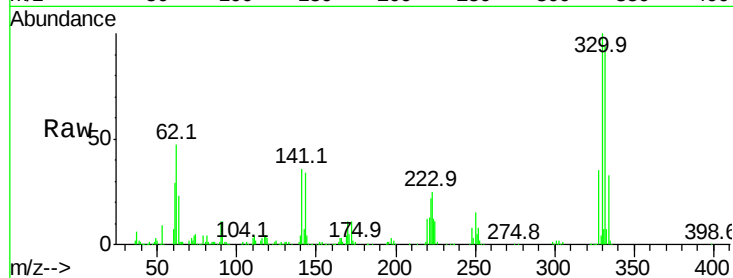




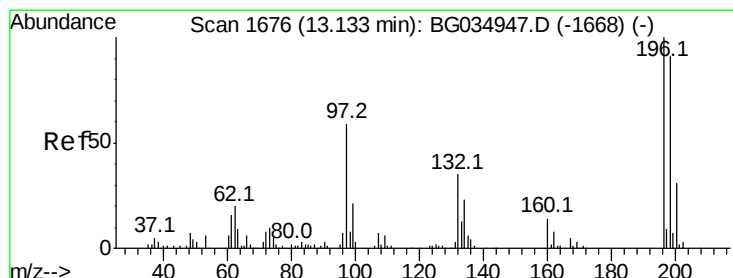
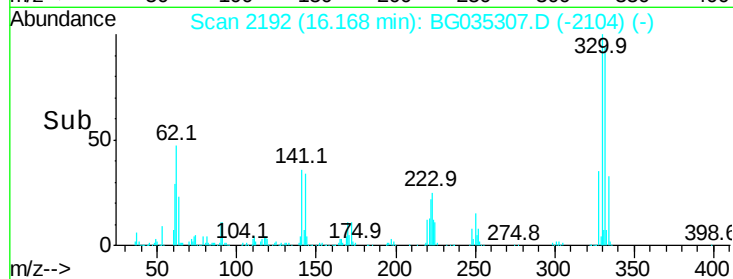
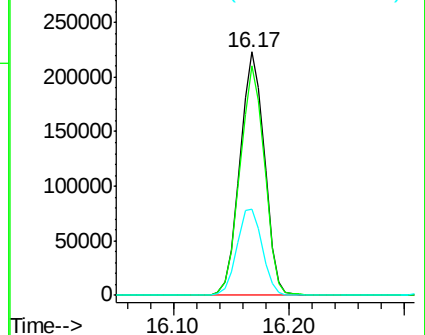
#41
2,4,6-Tribromophenol
Concen: 176.658 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:330 Resp: 328834
Ion Ratio Lower Upper
330 100
332 94.5 77.0 115.6
141 36.8 25.2 37.8

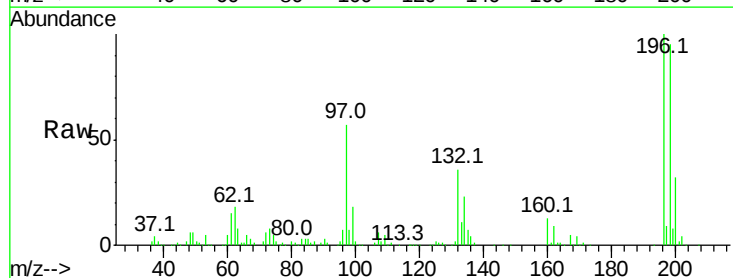


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

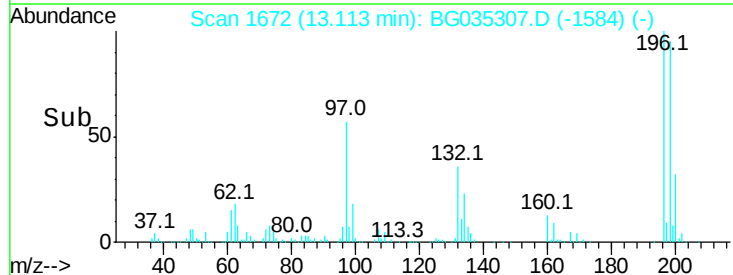
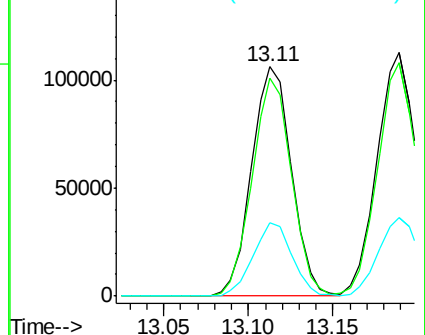


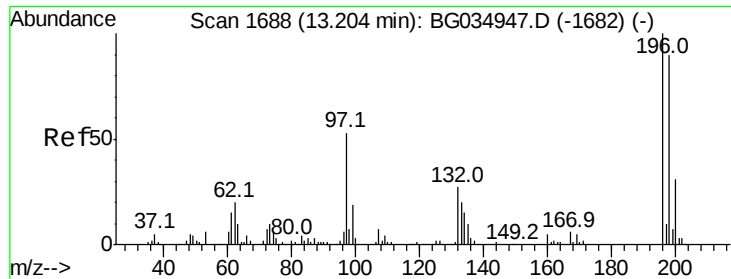
#42
2,4,6-Trichlorophenol
Concen: 53.613 ng
RT: 13.11 min Scan# 1672
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Tgt Ion:196 Resp: 173873
Ion Ratio Lower Upper
196 100
198 94.9 78.2 117.2
200 31.8 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

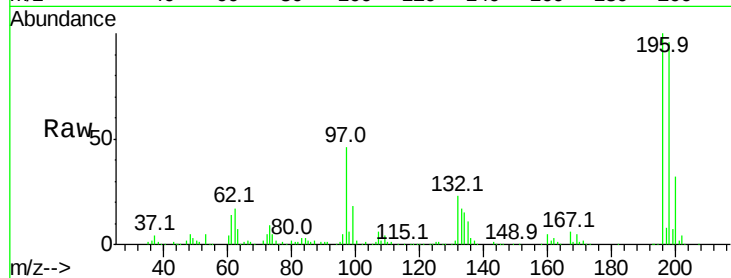




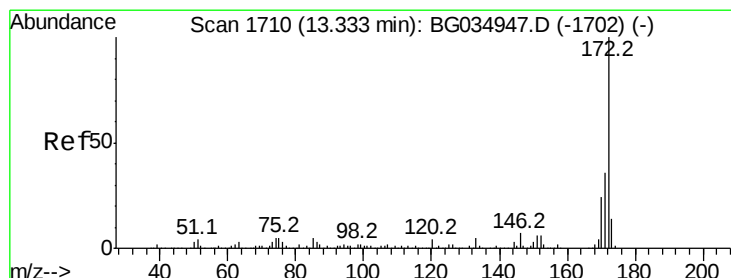
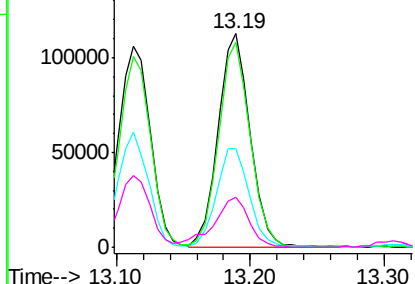
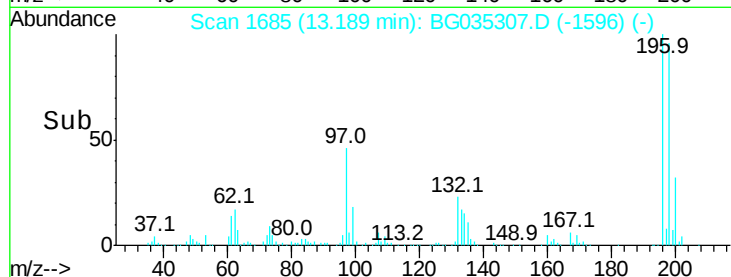
#43
 2,4,5-Trichlorophenol
 Concen: 53.006 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196	Resp: 188678
Ion Ratio	Lower Upper
196 100	
198 95.7	76.2 114.4
97 46.0	38.7 58.1
132 23.1	20.2 30.2

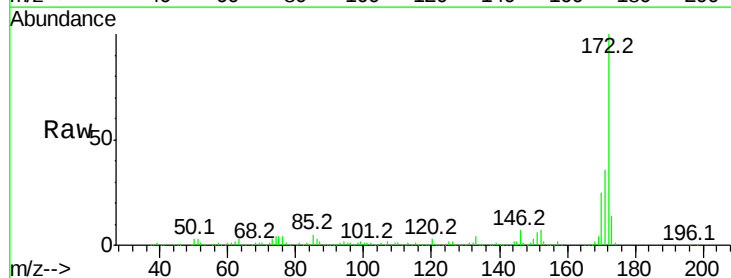


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

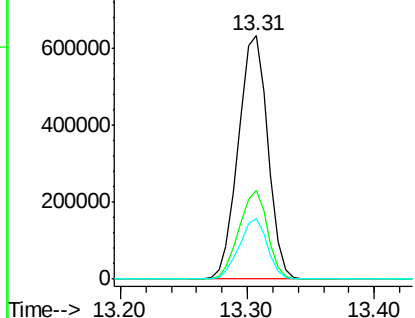
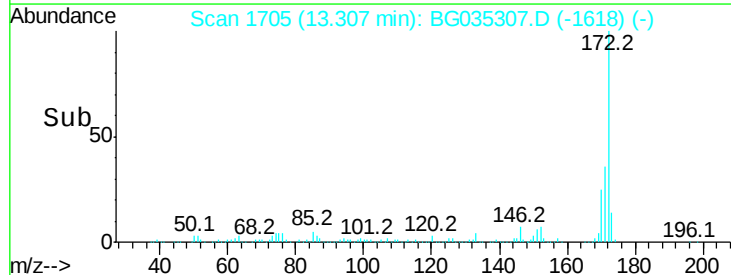


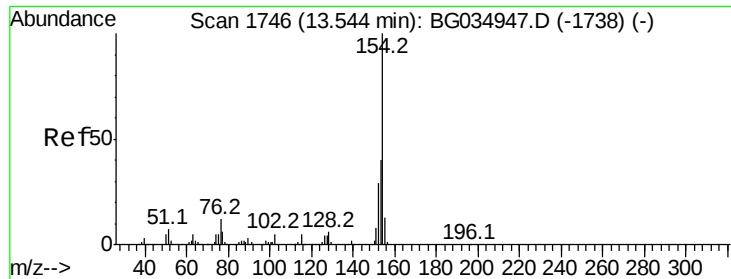
#44
 2-Fluorobiphenyl
 Concen: 90.931 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

Tgt	Ion:172	Resp: 1017096	
Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	24.7	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

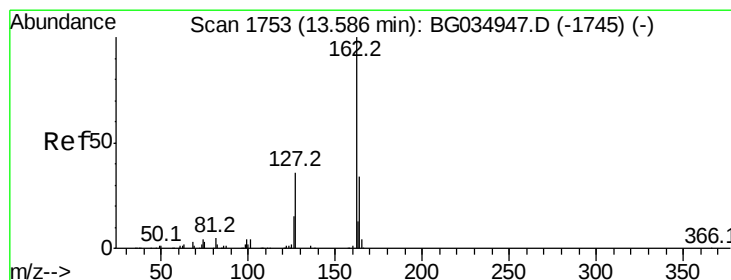
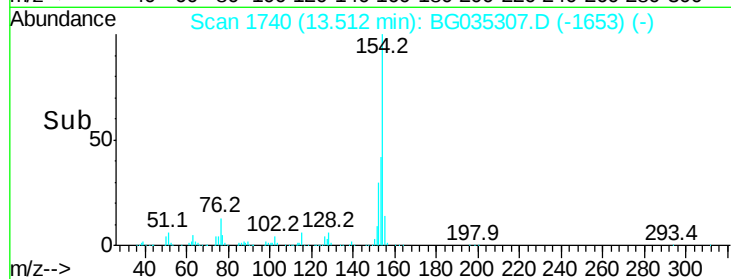
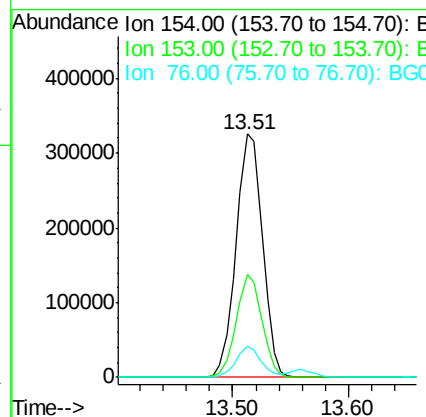
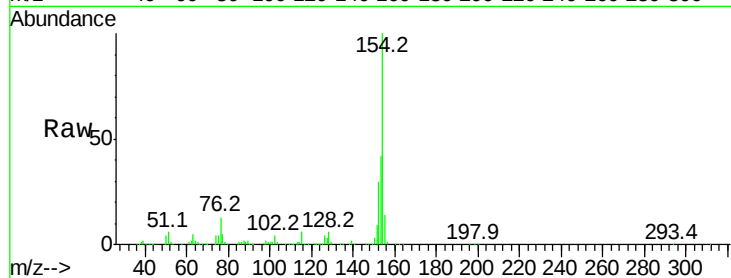




#45
 1,1'-Biphenyl
 Concen: 44.101 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

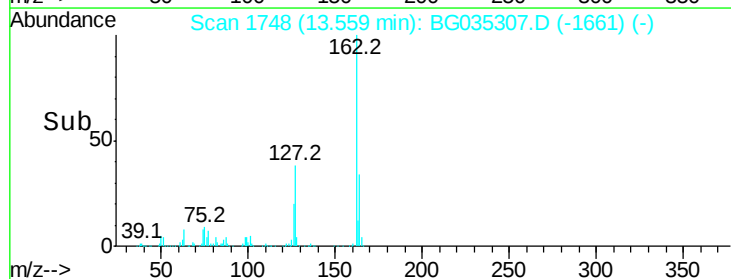
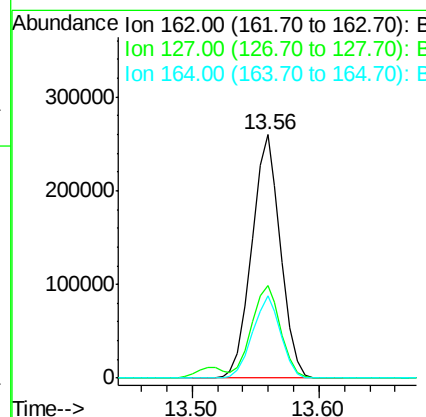
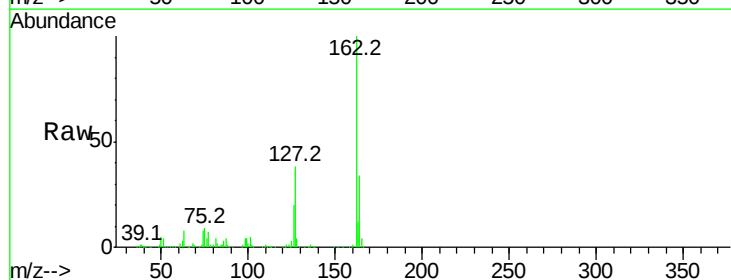
Instrument :
 BNA_G
 ClientSampleId :

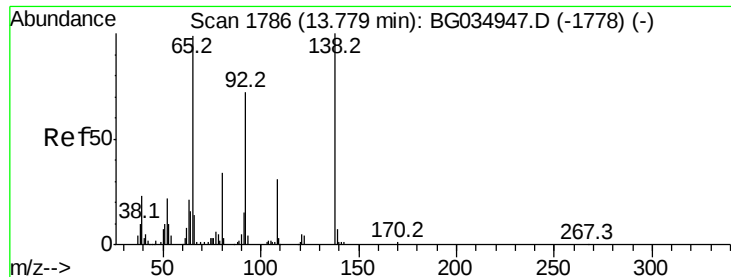
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.8	59.8
76	12.6	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 46.054 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.02 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.7	46.1
164	33.9	26.0	39.0





#47

2-Nitroaniline

Concen: 53.923 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

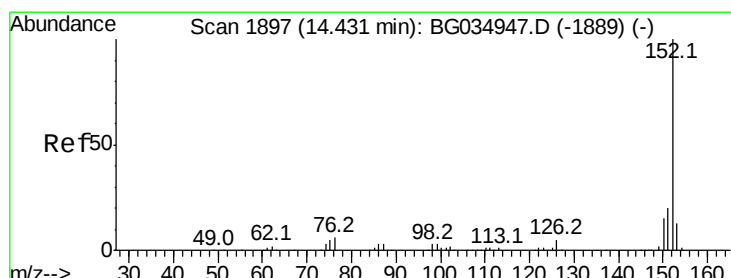
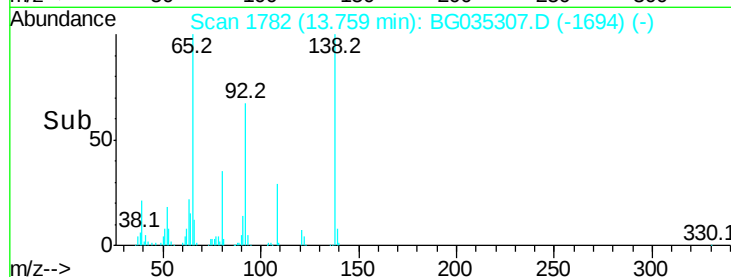
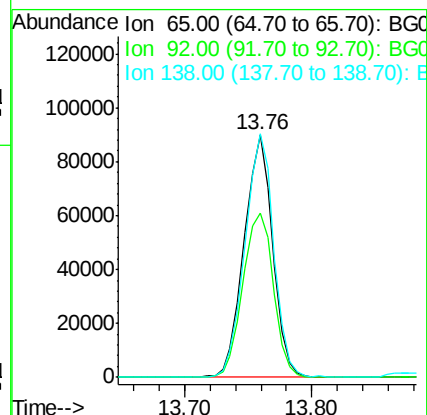
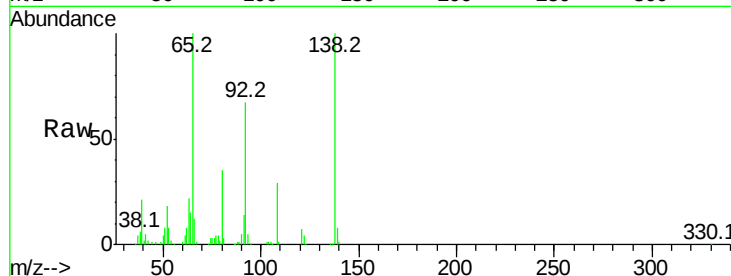
Tot Ion: 65 Resp: 140761

Ion Ratio Lower Upper

65 100

92 67.6 54.6 82.0

138 100.3 72.9 109.3



#48

Acenaphthylene

Concen: 45.742 ng

RT: 14.41 min Scan# 1892

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

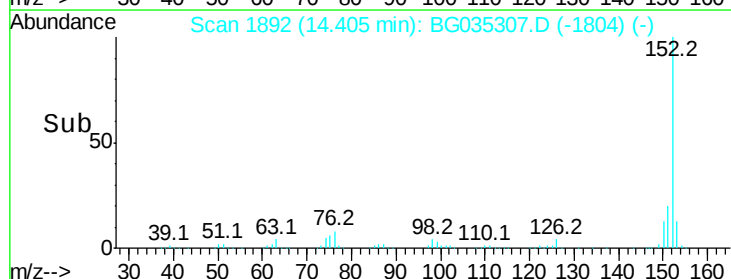
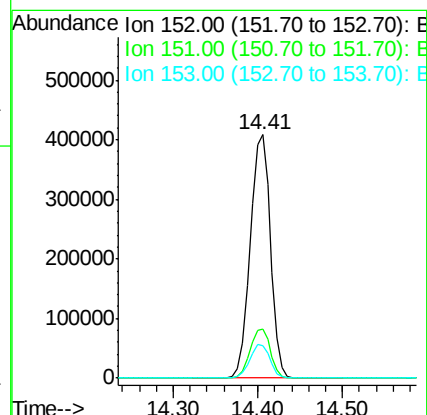
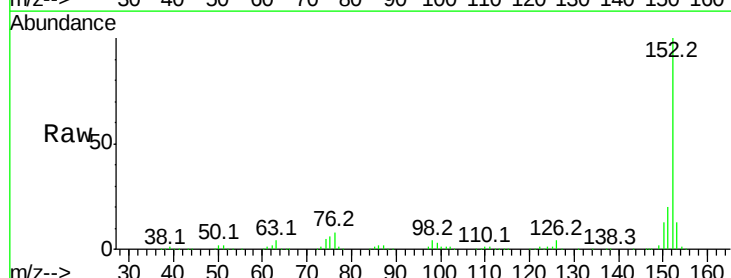
Tgt Ion: 152 Resp: 678032

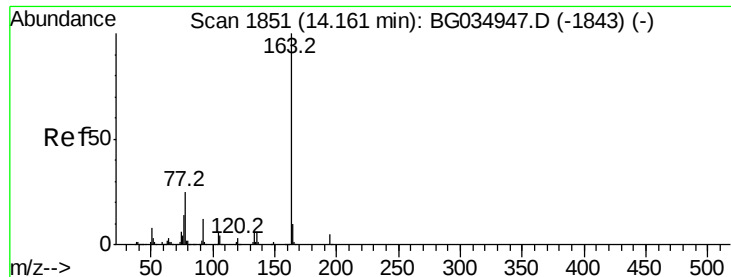
Ion Ratio Lower Upper

152 100

151 20.4 17.2 25.8

153 13.3 10.2 15.4

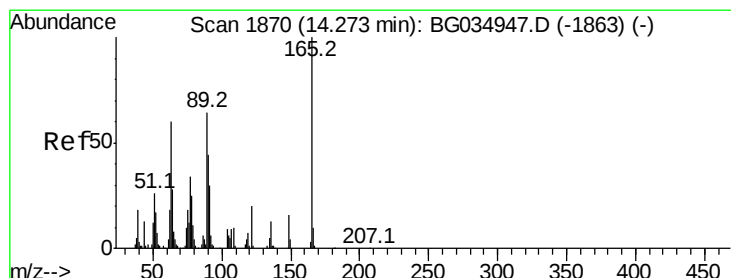
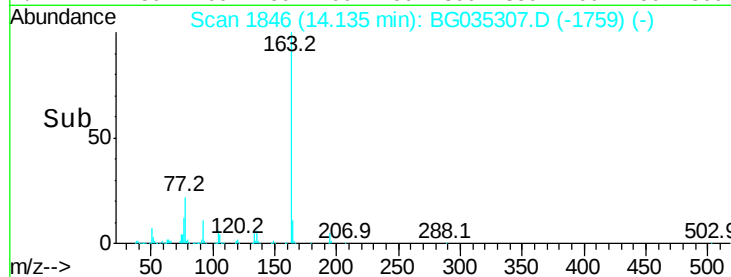
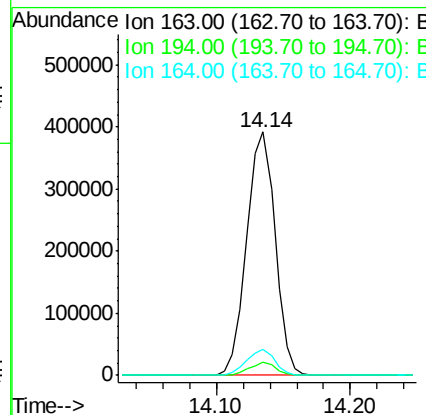
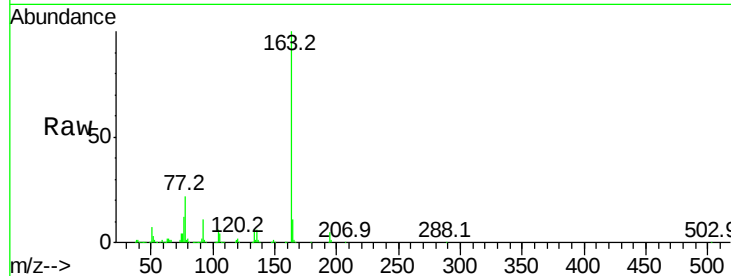




#49
Dimethylphthalate
Concen: 45.328 ng
RT: 14.14 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

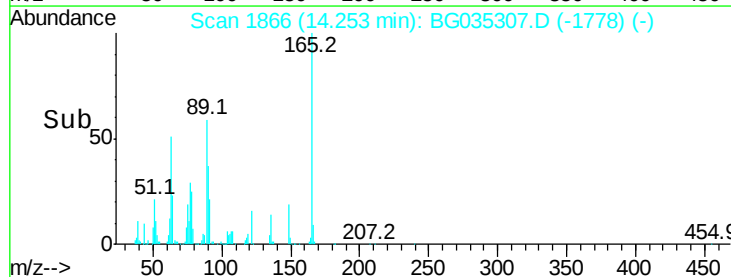
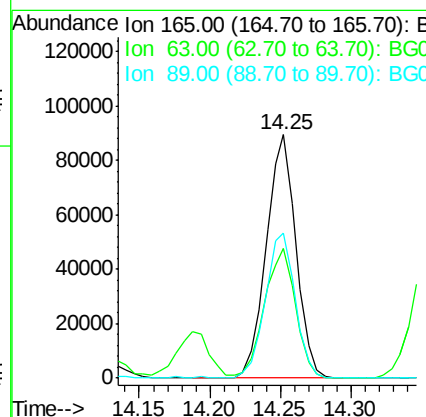
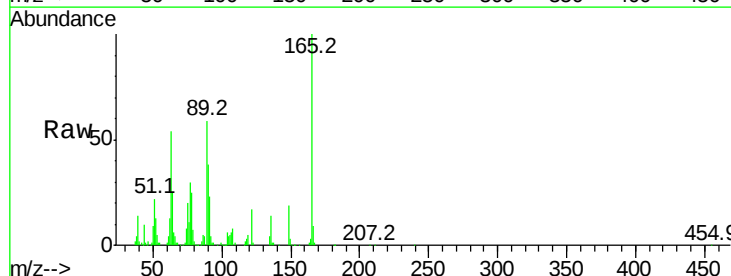
Instrument :
BNA_G
ClientSampleId :

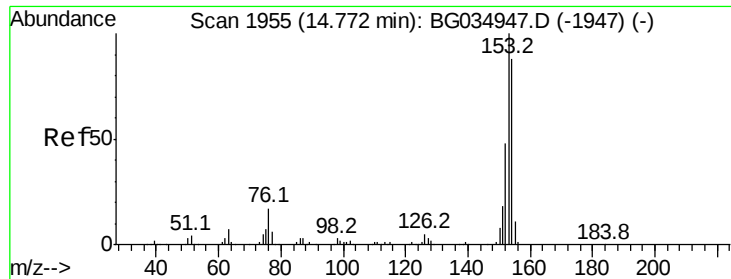
Tot Ion:163 Resp: 574767
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 10.7 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 56.959 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Tgt Ion:165 Resp: 131762
Ion Ratio Lower Upper
165 100
63 53.5 52.7 79.1
89 59.5 49.2 73.8





#51

Acenaphthene

Concen: 42.573 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

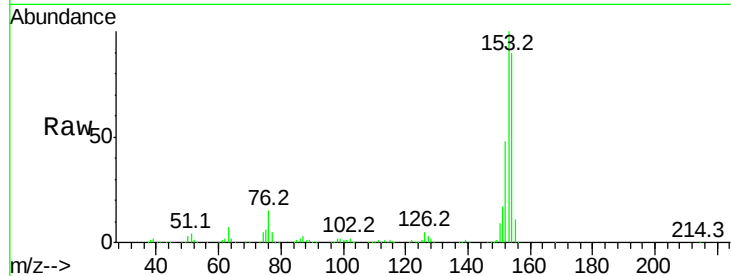
Tot Ion:154 Resp: 412316

Ion Ratio Lower Upper

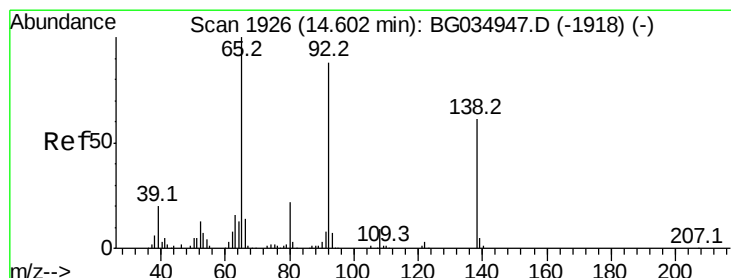
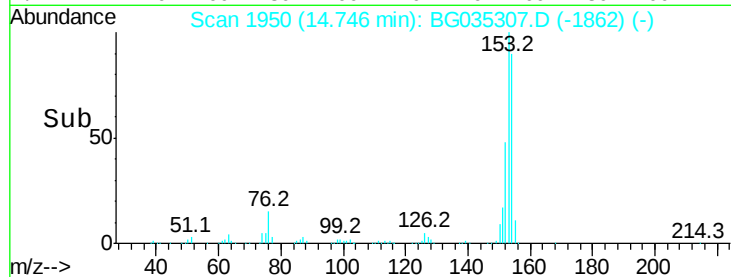
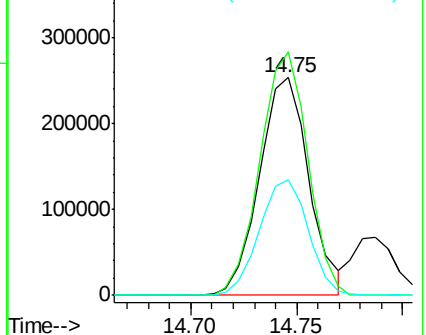
154 100

153 111.7 90.4 135.6

152 53.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.241 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

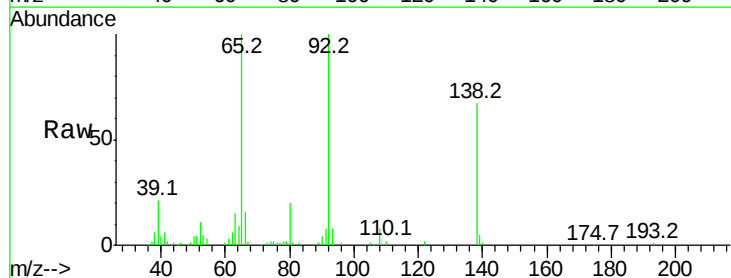
Tgt Ion:138 Resp: 48215

Ion Ratio Lower Upper

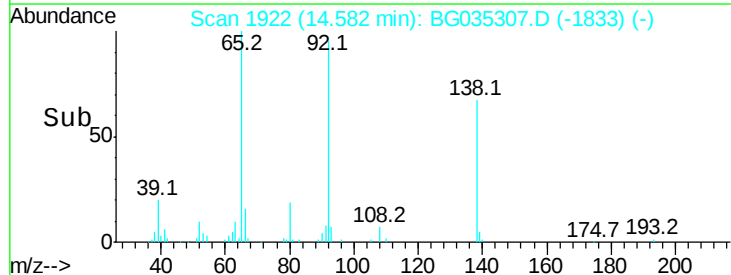
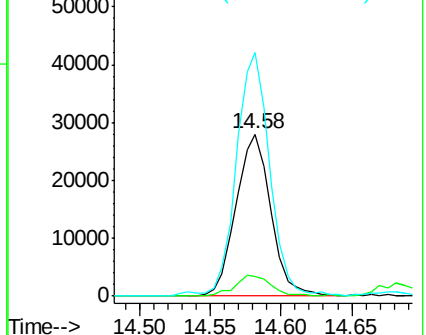
138 100

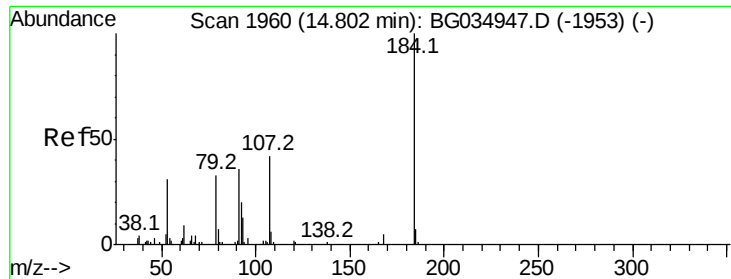
108 11.9 17.5 26.3#

92 150.3 105.8 158.8



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): BGO

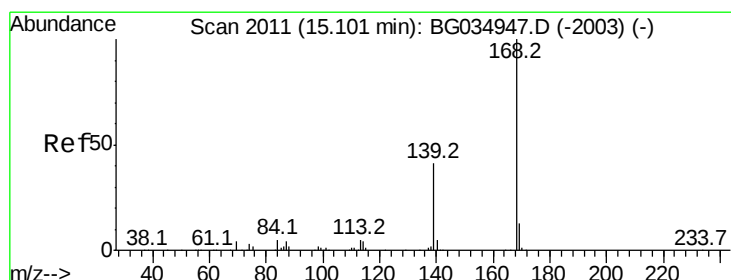
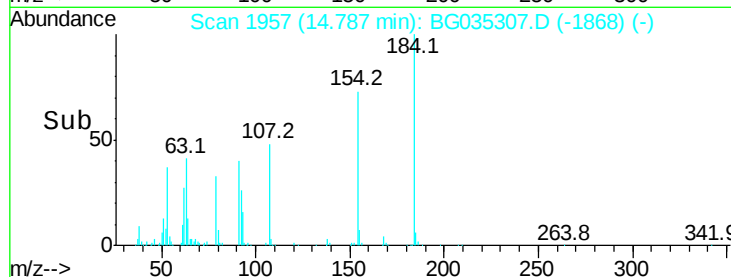
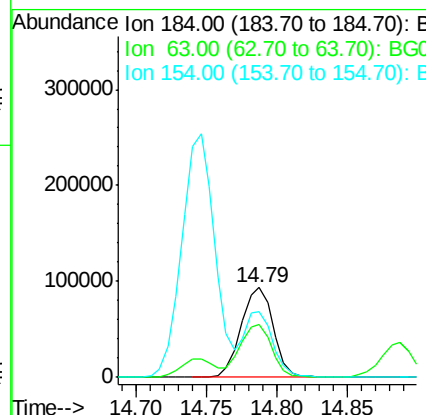
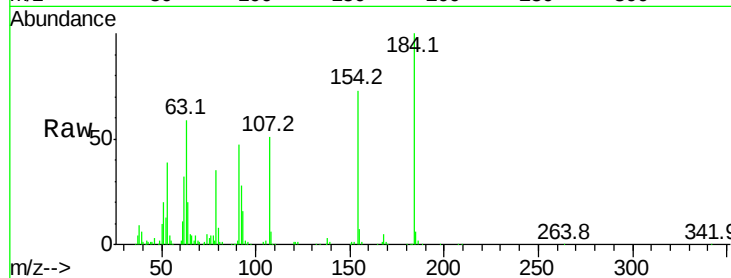




#53
 2,4-Dinitrophenol
 Concen: 159.639 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

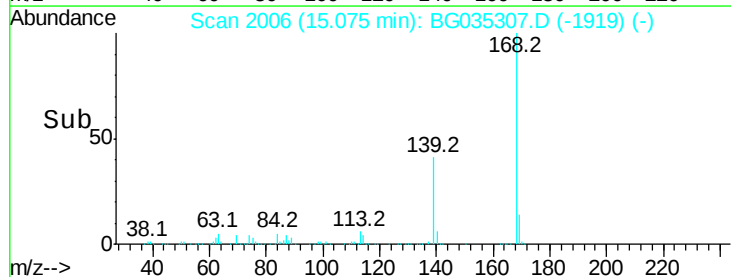
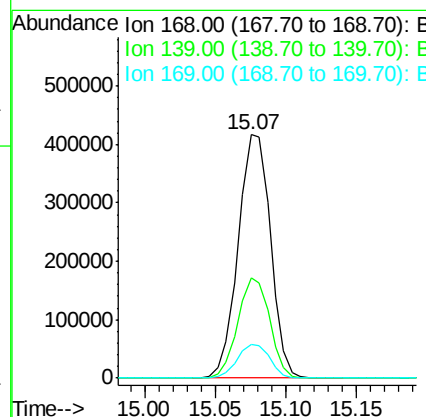
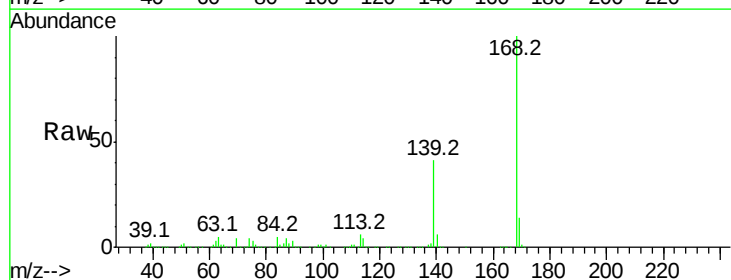
Instrument :
 BNA_G
 ClientSampleId :

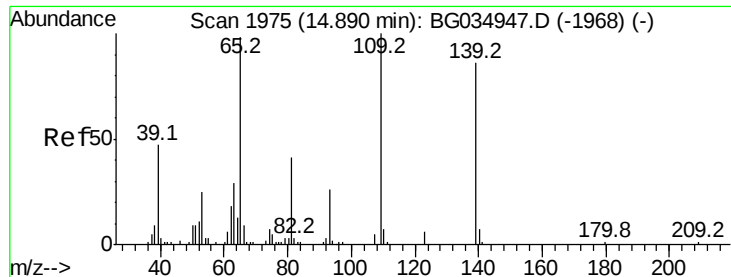
Tot Ion:184 Resp: 149454
 Ion Ratio Lower Upper
 184 100
 63 59.4 59.8 89.8#
 154 72.8 101.8 152.8#



#54
 Dibenzofuran
 Concen: 45.968 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

Tgt Ion:168 Resp: 666769
 Ion Ratio Lower Upper
 168 100
 139 41.0 28.6 43.0
 169 13.8 11.2 16.8





#55

4-Nitrophenol

Concen: 88.930 ng

RT: 14.89 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

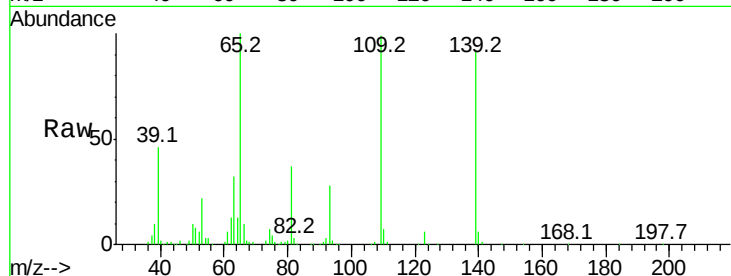
Tot Ion:139 Resp: 170368

Ion Ratio Lower Upper

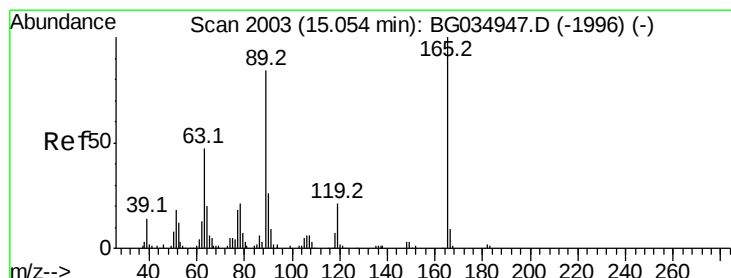
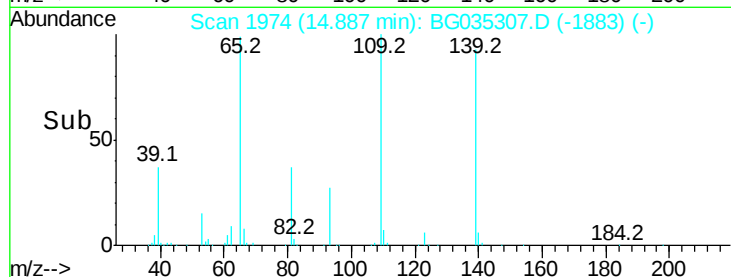
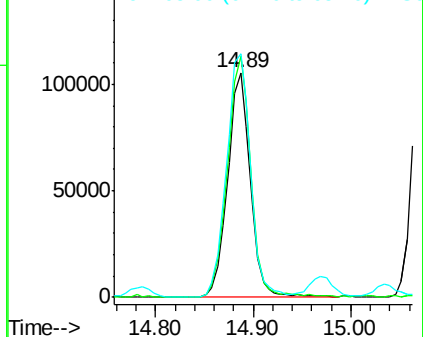
139 100

109 107.0 62.2 102.2#

65 108.3 97.2 137.2



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



#56

2,4-Dinitrotoluene

Concen: 60.046 ng

RT: 15.04 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Tgt Ion:165 Resp: 184518

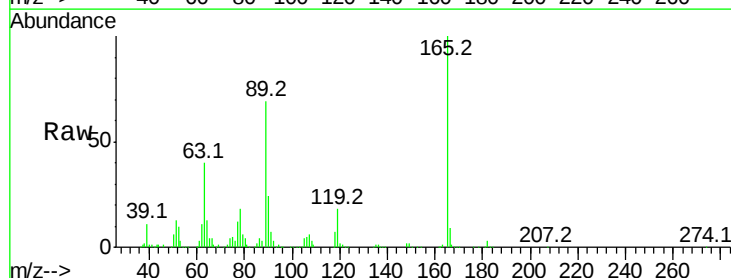
Ion Ratio Lower Upper

165 100

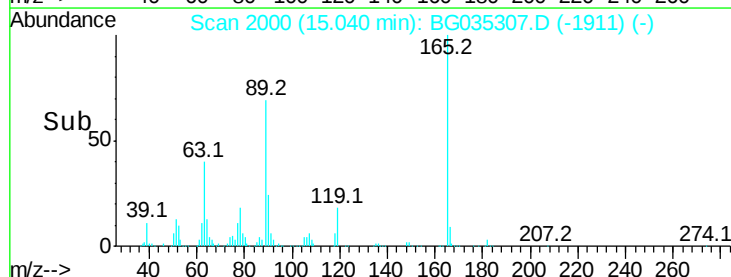
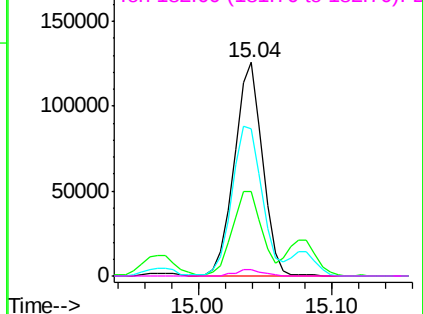
63 39.7 42.0 63.0#

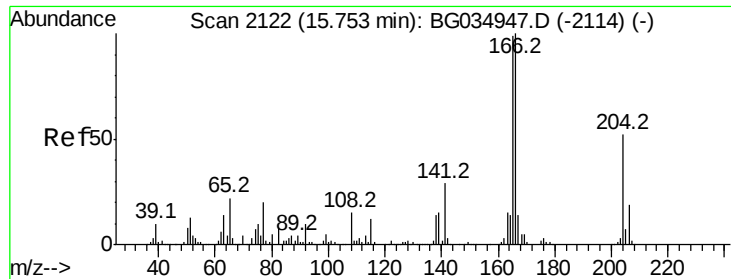
89 69.1 66.9 100.3

182 3.0 2.6 3.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

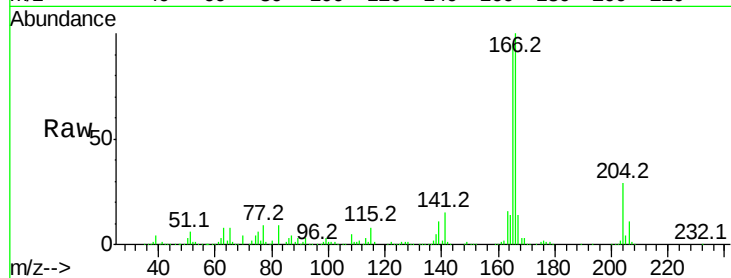




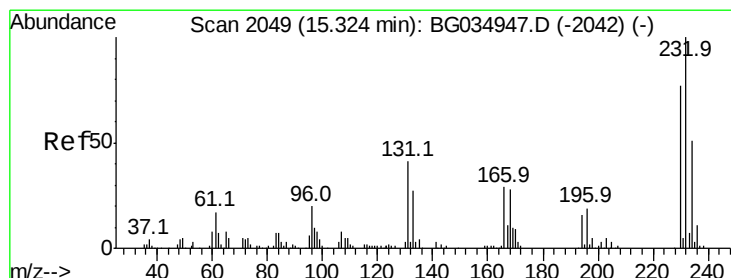
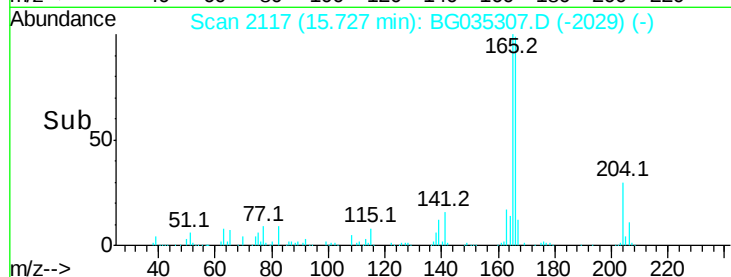
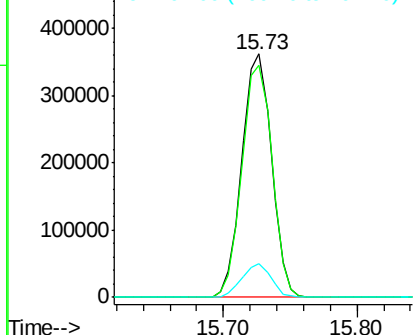
#57
Fluorene
 Concen: 45.898 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.02 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 556399
 Ion Ratio Lower Upper
 166 100
 165 95.1 80.6 121.0
 167 13.9 10.4 15.6



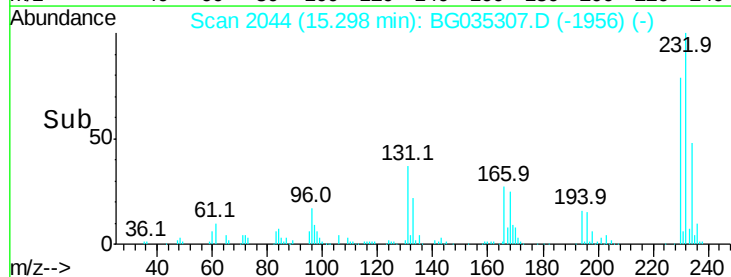
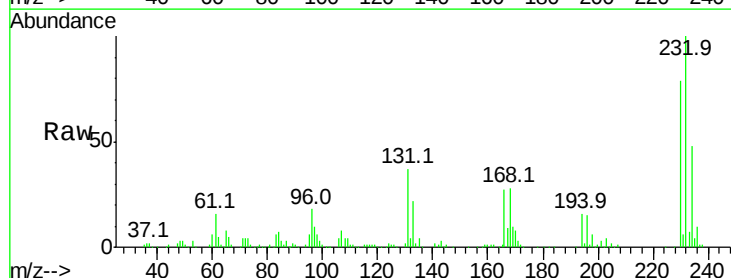
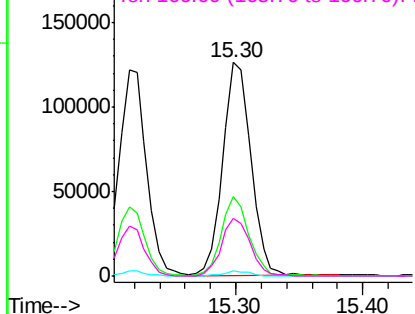
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

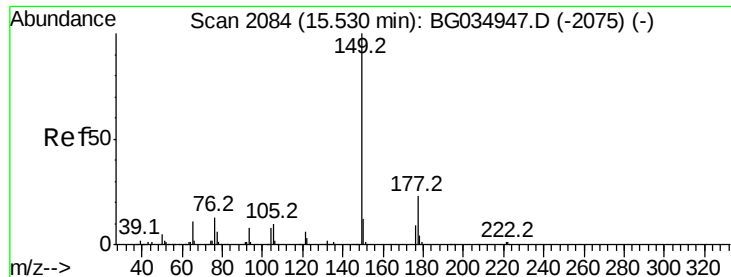


#58
2,3,4,6-Tetrachlorophenol
 Concen: 56.169 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.02 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

Tgt Ion:232 Resp: 194231
 Ion Ratio Lower Upper
 232 100
 131 36.7 33.5 50.3
 130 2.2 2.2 3.2
 166 27.5 24.8 37.2

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

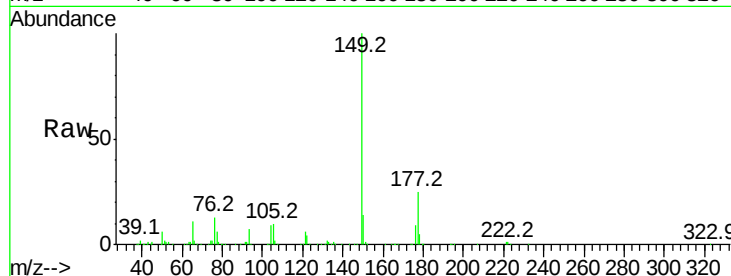




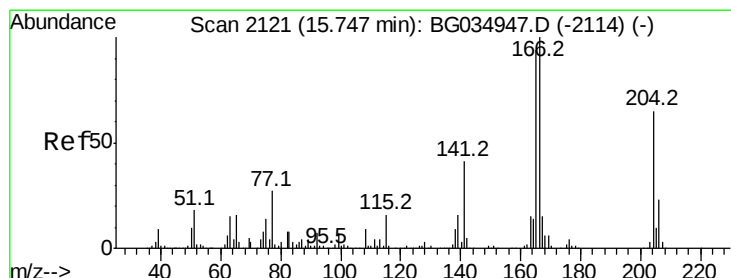
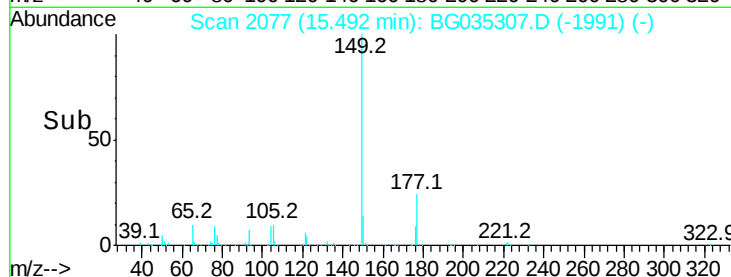
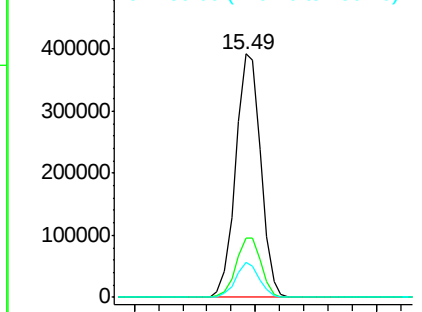
#59
Diethylphthalate
Concen: 43.819 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.03 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 566883
Ion Ratio Lower Upper
149 100
177 24.5 18.5 27.7
150 14.5 10.2 15.2

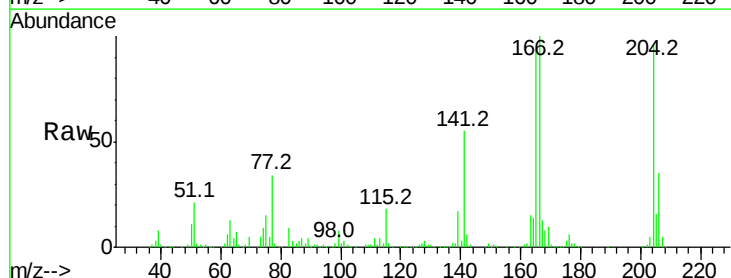


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

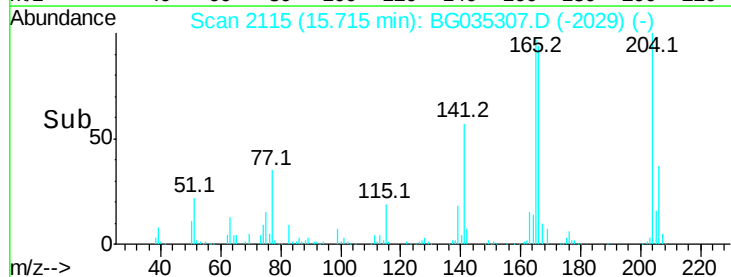
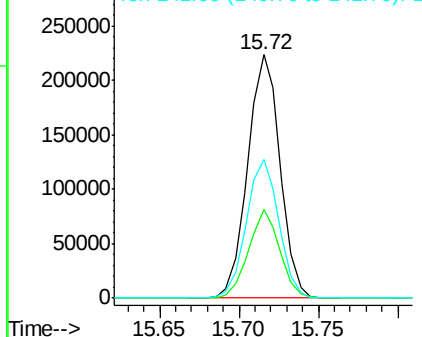


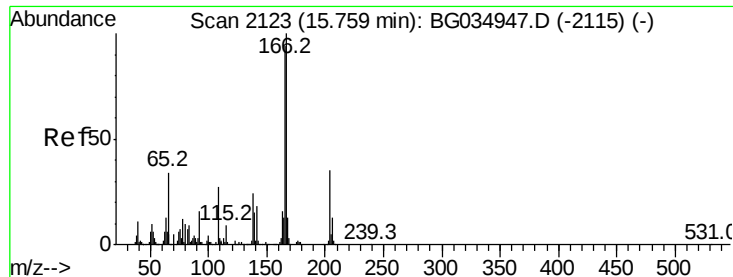
#60
4-Chlorophenyl-phenylether
Concen: 45.824 ng
RT: 15.72 min Scan# 2115
Delta R.T. -0.03 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Tgt Ion:204 Resp: 316762
Ion Ratio Lower Upper
204 100
206 36.5 26.2 39.2
141 56.9 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

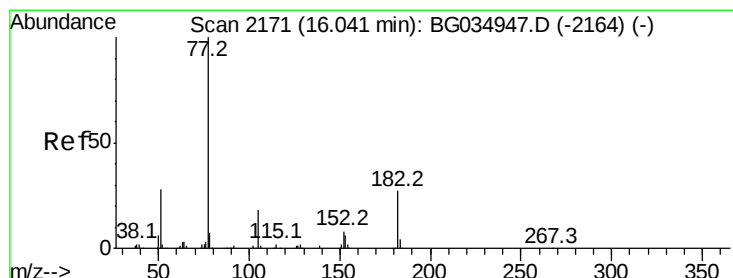
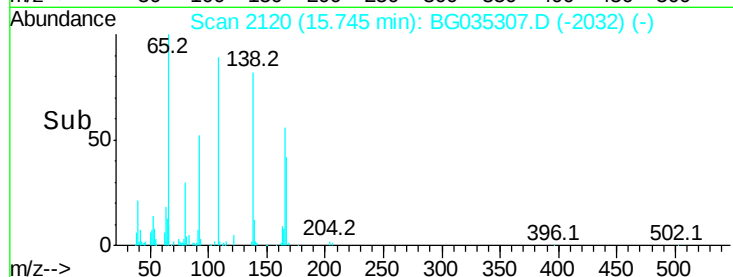
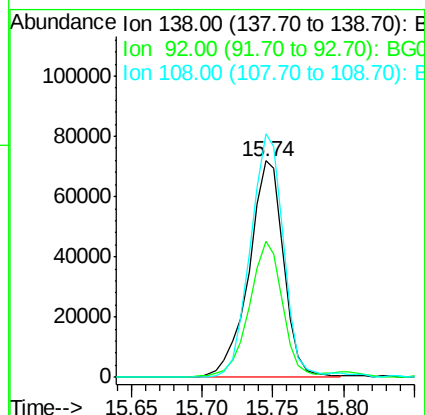
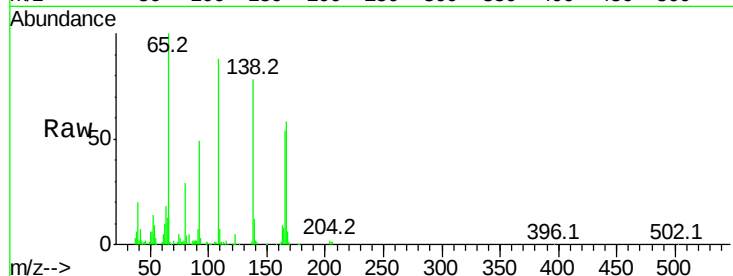




#61
4-Nitroaniline
Concen: 50.804 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

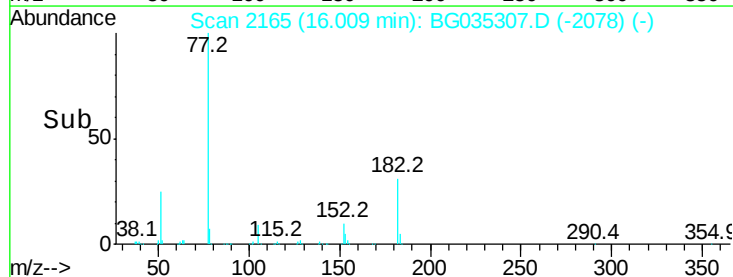
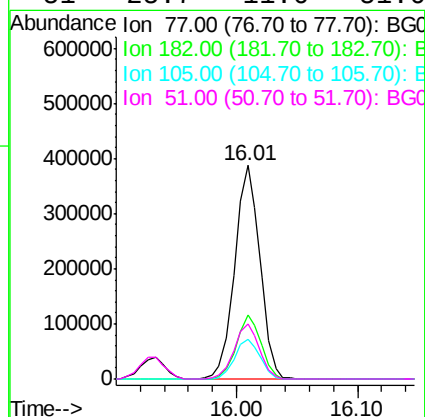
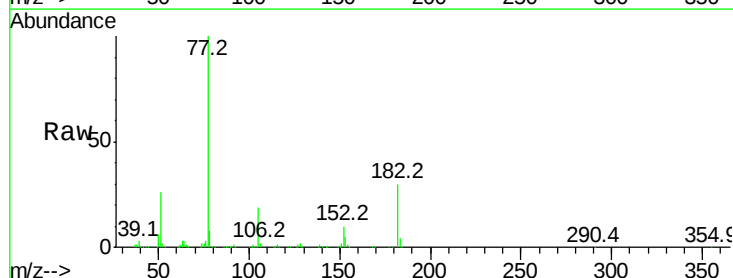
Instrument :
BNA_G
ClientSampled :

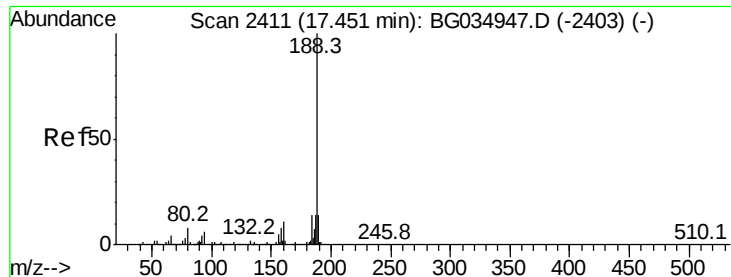
Tot Ion:138 Resp: 123676
Ion Ratio Lower Upper
138 100
92 63.1 40.1 80.1
108 112.5 65.4 105.4#



#62
Azobenzene
Concen: 44.384 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Tgt Ion: 77 Resp: 562673
Ion Ratio Lower Upper
77 100
182 29.8 7.4 47.4
105 18.7 0.3 40.3
51 25.7 11.6 51.6

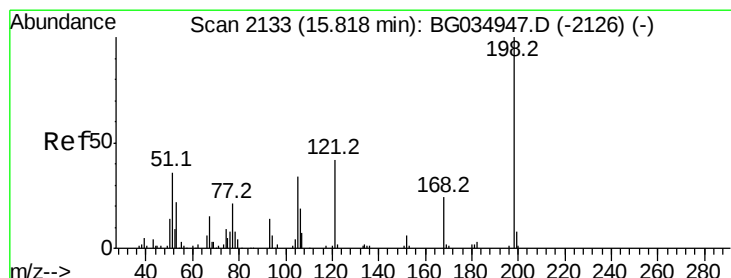
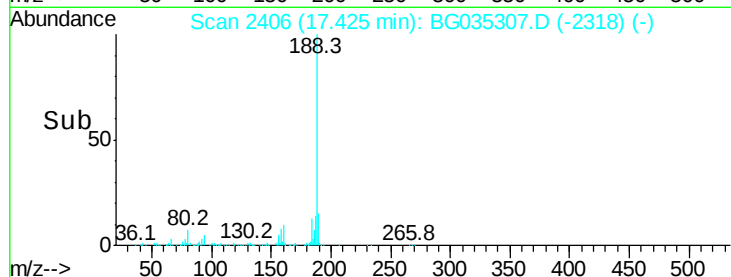
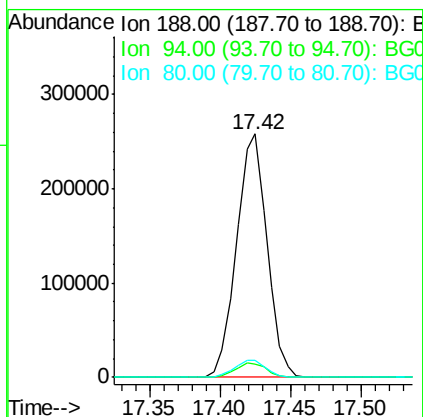
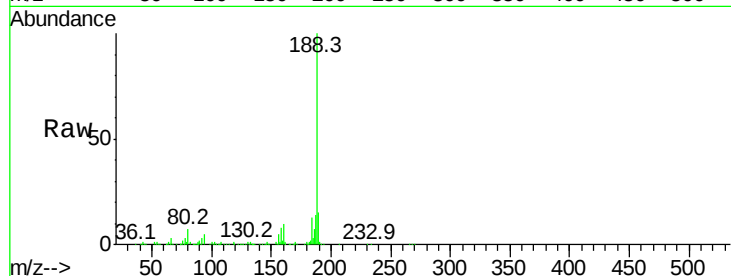




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

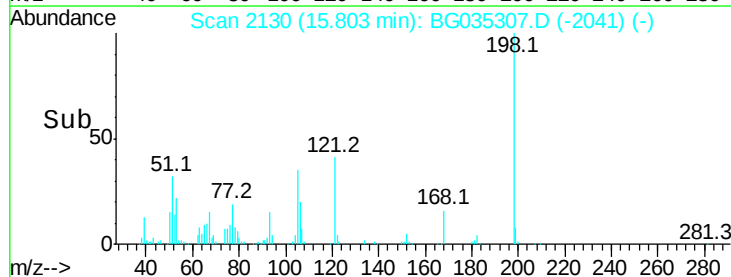
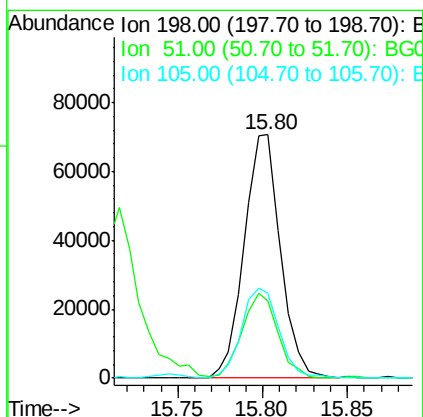
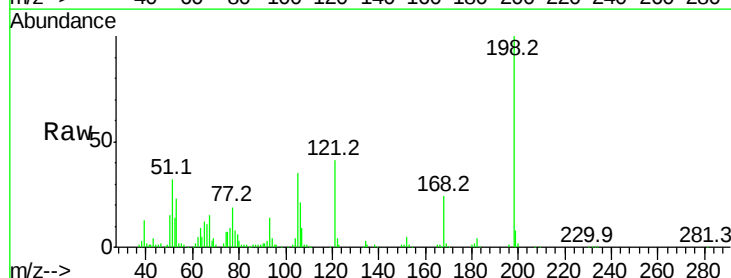
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 388752
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 6.9 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 59.426 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Tgt Ion:198 Resp: 105477
Ion Ratio Lower Upper
198 100
51 31.9 30.6 70.6
105 34.8 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 42.359 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

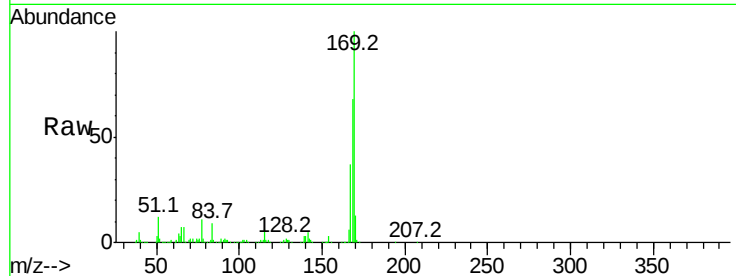
Tot Ion:169 Resp: 494523

Ion Ratio Lower Upper

169 100

168 68.2 55.7 83.5

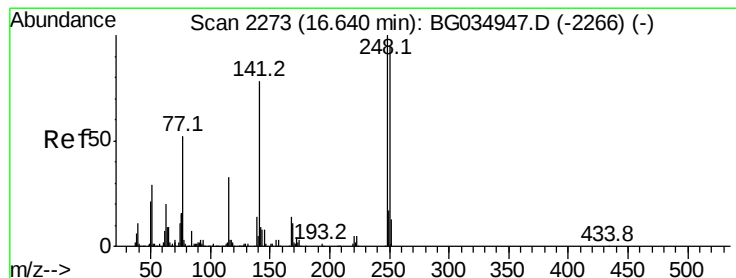
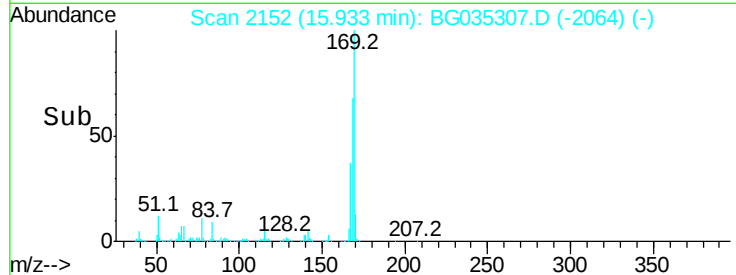
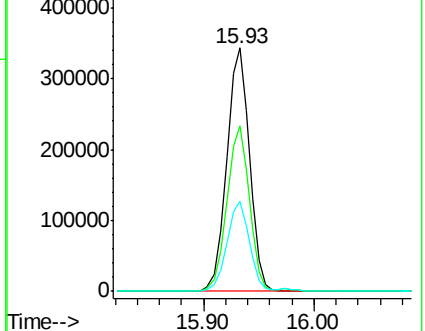
167 37.2 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.299 ng

RT: 16.61 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

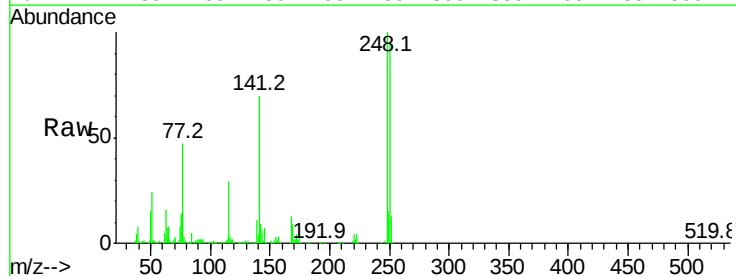
Tgt Ion:248 Resp: 226113

Ion Ratio Lower Upper

248 100

250 94.7 77.1 115.7

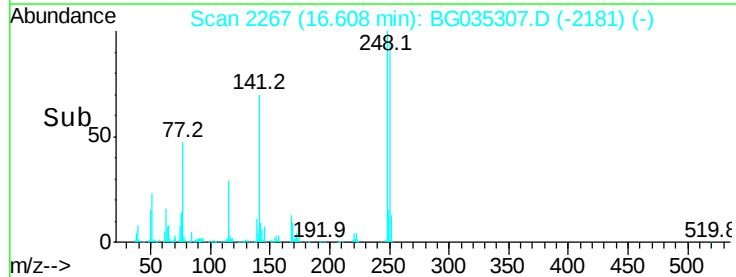
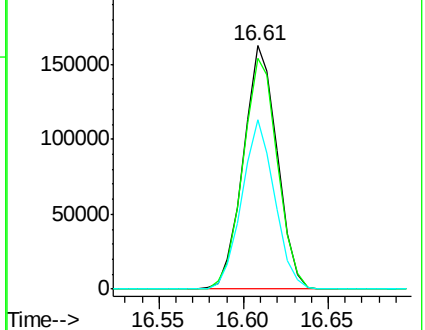
141 69.7 50.8 76.2

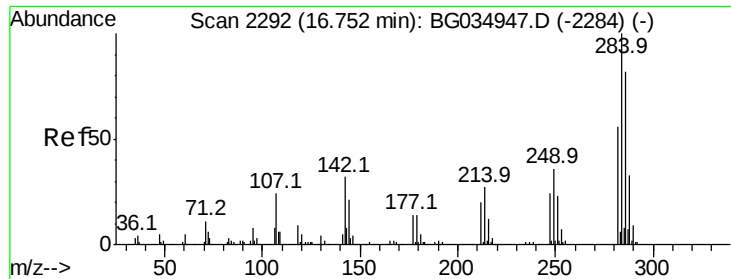


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.116 ng

RT: 16.73 min Scan# 2287

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

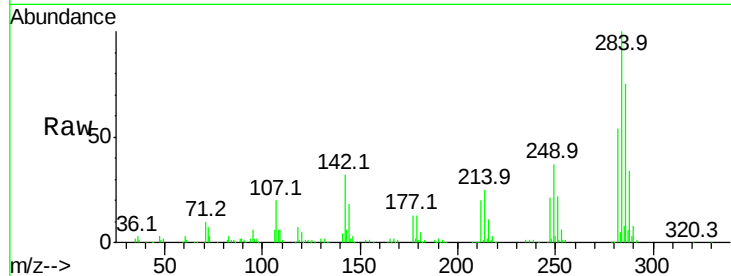
Tot Ion:284 Resp: 229274

Ion Ratio Lower Upper

284 100

142 32.1 26.8 40.2

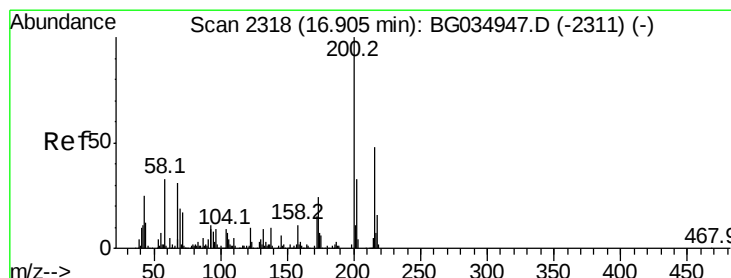
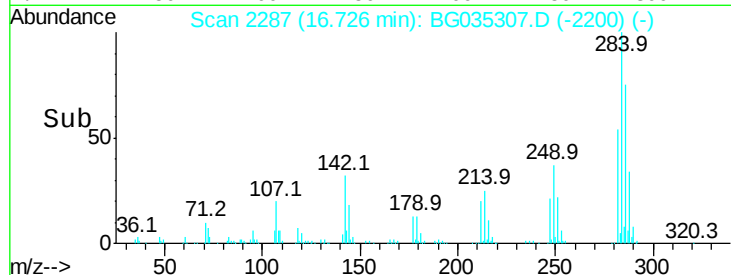
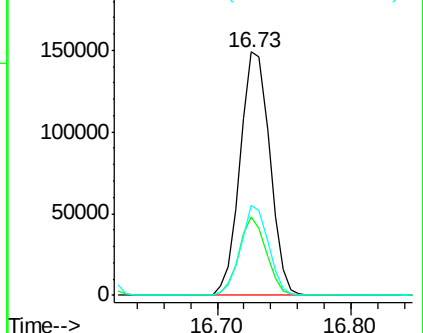
249 37.0 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.831 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

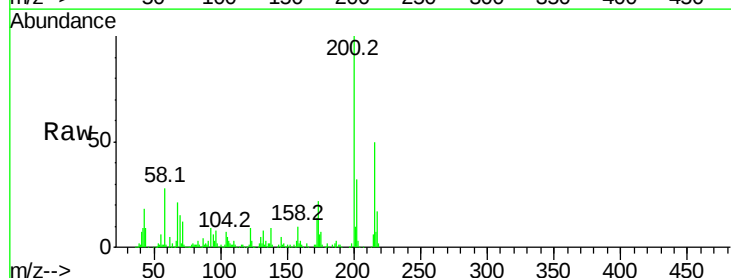
Tgt Ion:200 Resp: 223195

Ion Ratio Lower Upper

200 100

173 21.6 5.2 45.2

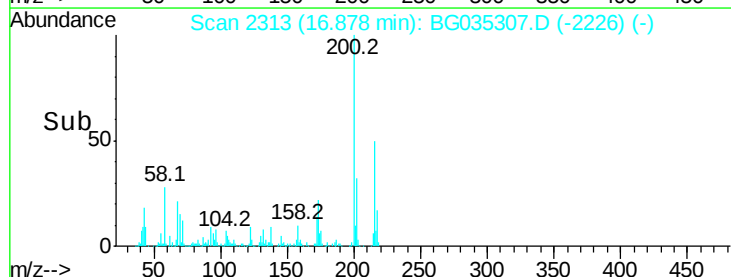
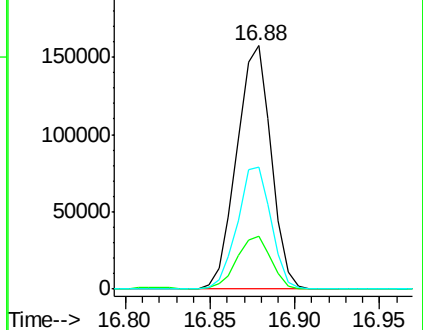
215 49.9 30.4 70.4

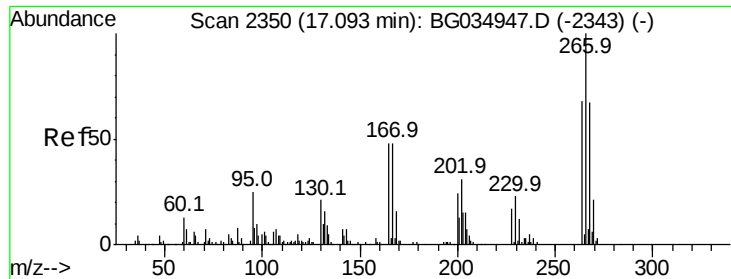


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

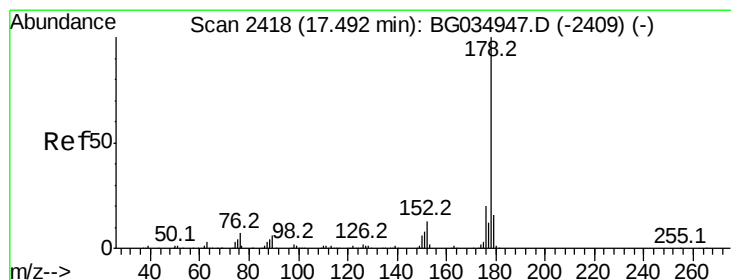
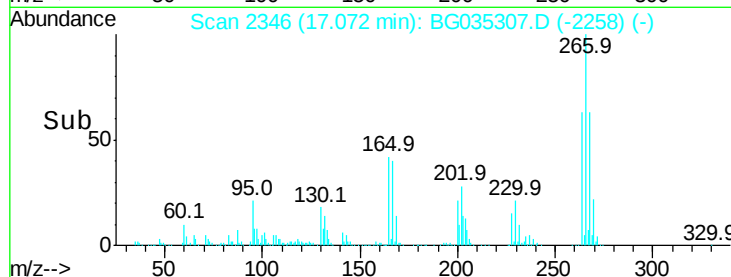
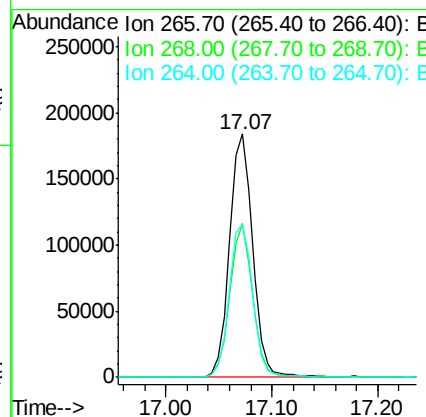
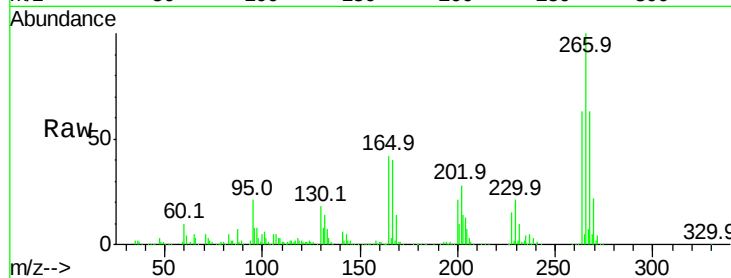




#69
 Pentachlorophenol
 Concen: 87.305 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

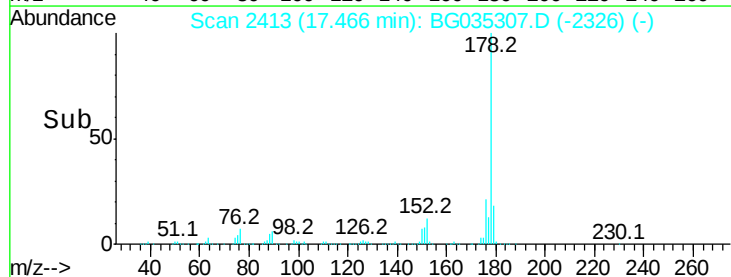
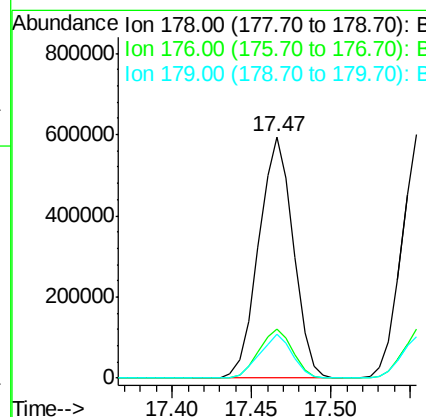
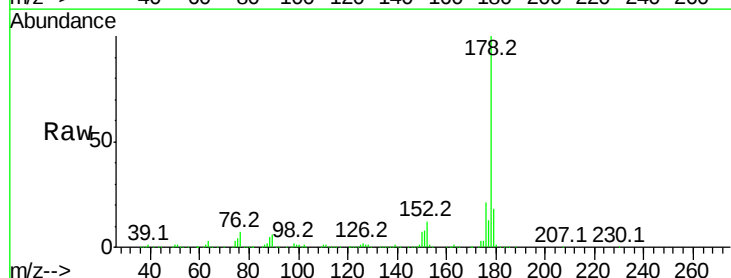
Instrument :
 BNA_G
 ClientSampleId :

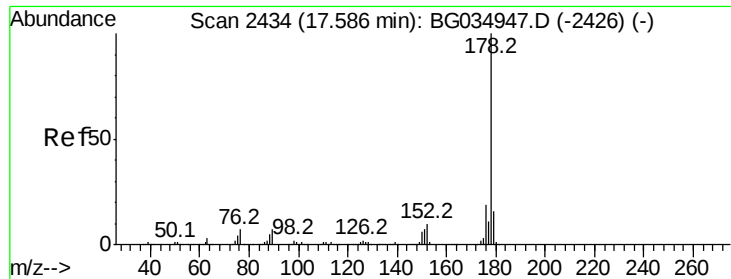
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	62.6	49.6	74.4



#70
 Phenanthrene
 Concen: 45.592 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.7	23.5
179	18.0	12.5	18.7

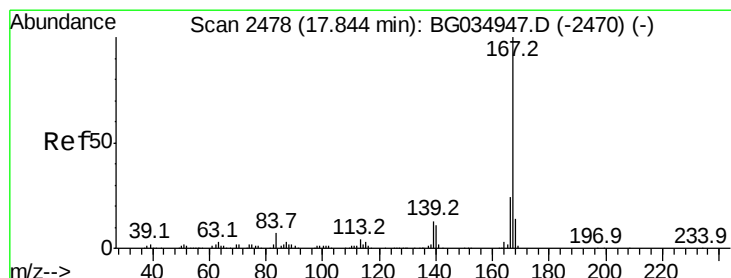
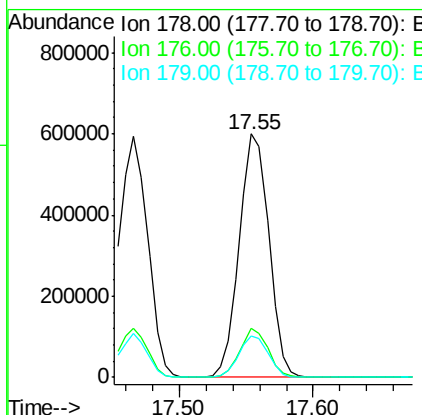
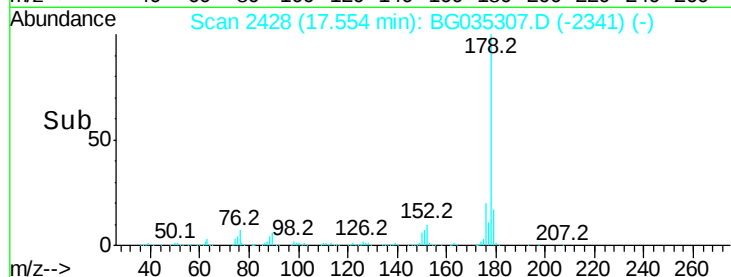
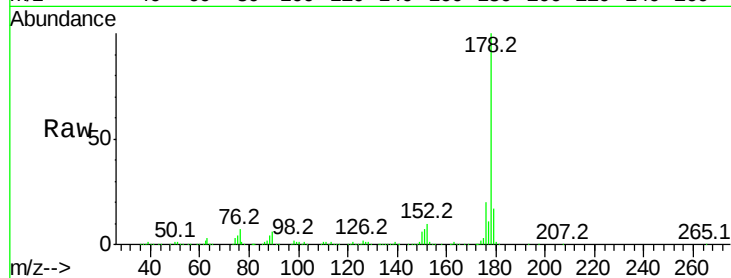




#71
 Anthracene
 Concen: 46.482 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.02 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

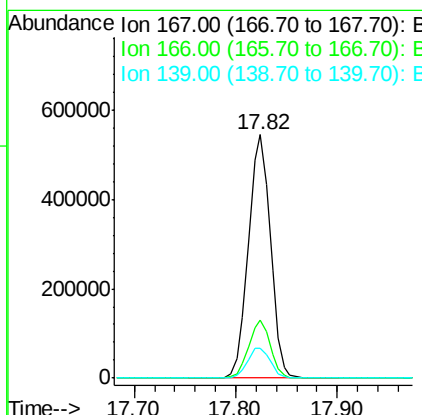
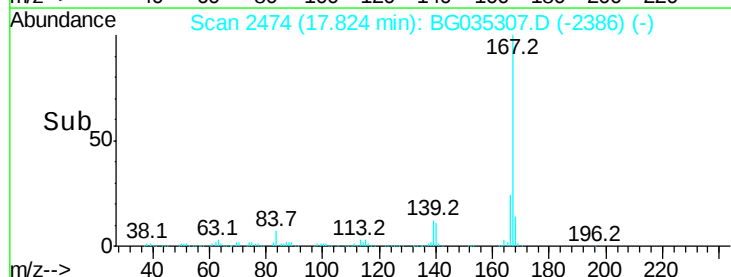
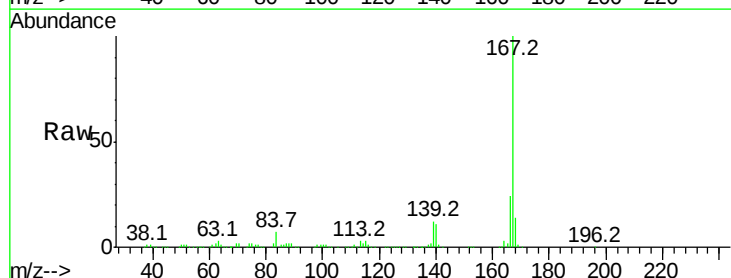
Instrument :
 BNA_G
 ClientSampleId :

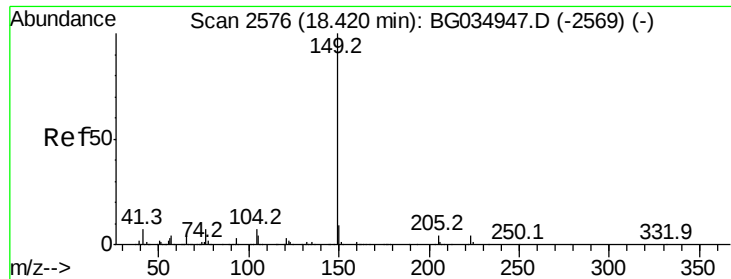
Tot Ion:178 Resp: 919467
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 44.993 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.02 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

Tgt Ion:167 Resp: 825782
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.2 27.4
 139 12.5 9.4 14.2

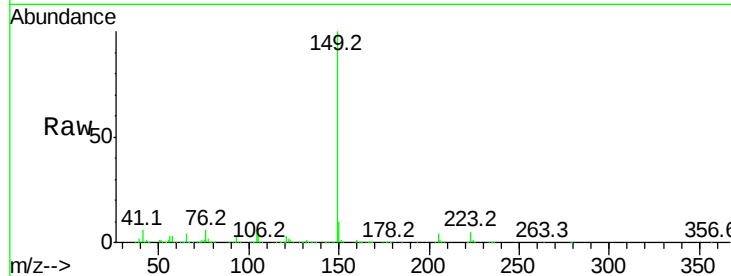




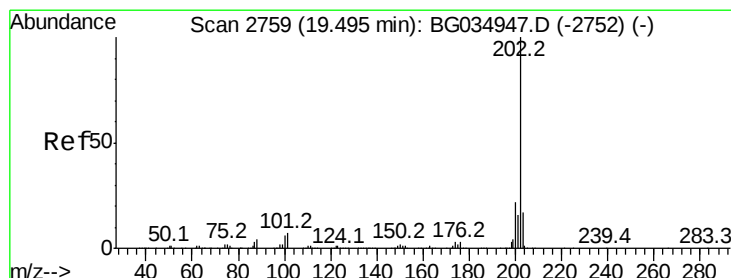
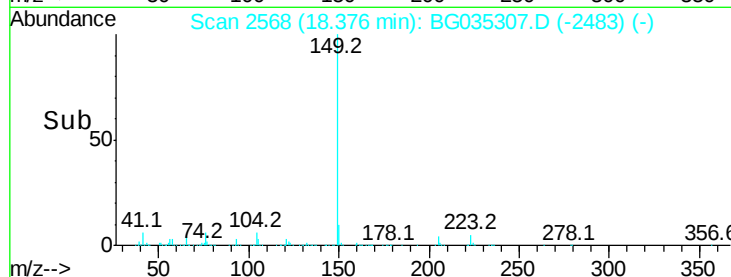
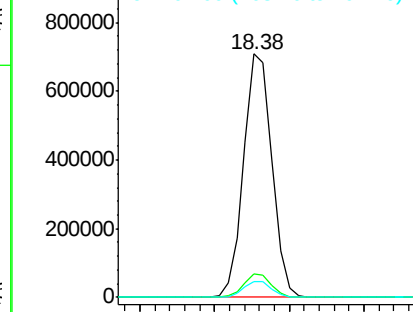
#73
Di-n-butylphthalate
Concen: 42.509 ng
RT: 18.38 min Scan# 2568
Delta R.T. -0.03 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 929916
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 6.4 3.9 5.9#

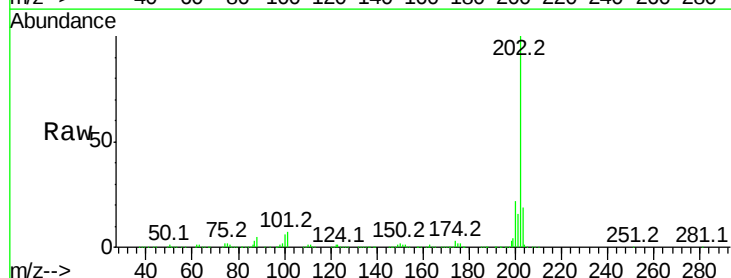


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

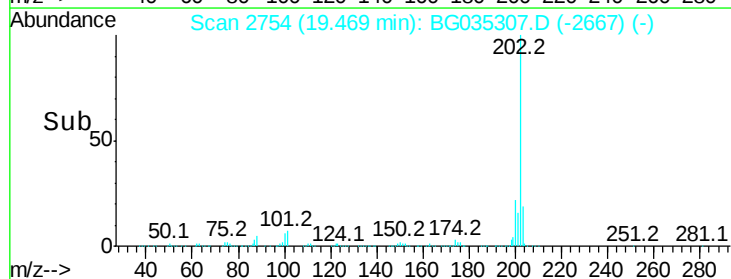
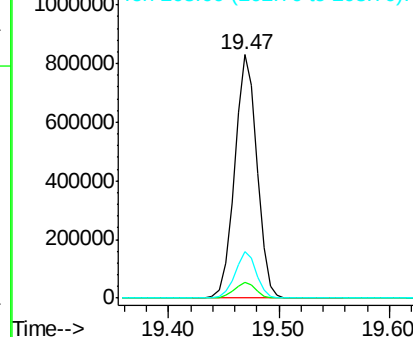


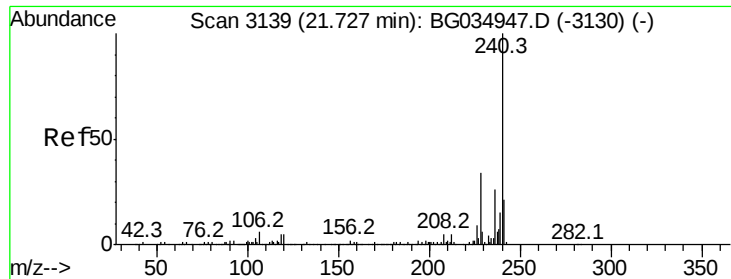
#74
Fluoranthene
Concen: 45.539 ng
RT: 19.47 min Scan# 2754
Delta R.T. -0.02 min
Lab File: BG035307.D
Acq: 21 Jun 2018 19:56

Tgt Ion:202 Resp: 1170212
Ion Ratio Lower Upper
202 100
101 6.5 0.0 28.9
203 18.9 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

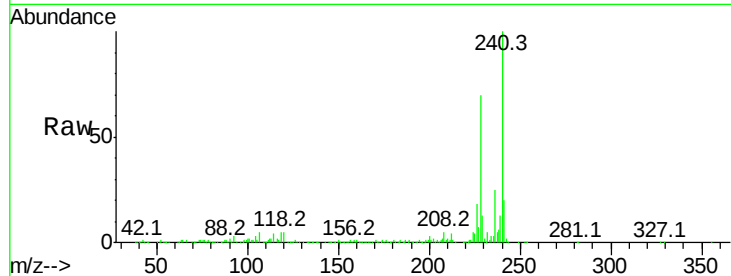
Tot Ion:240 Resp: 410734

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

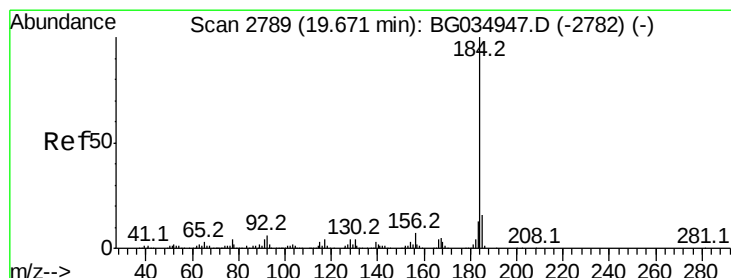
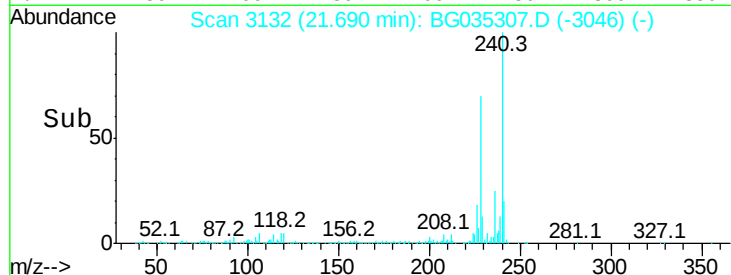
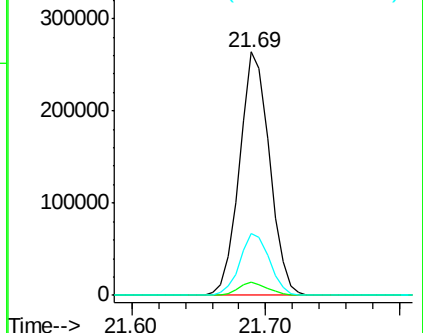
236 25.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.779 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

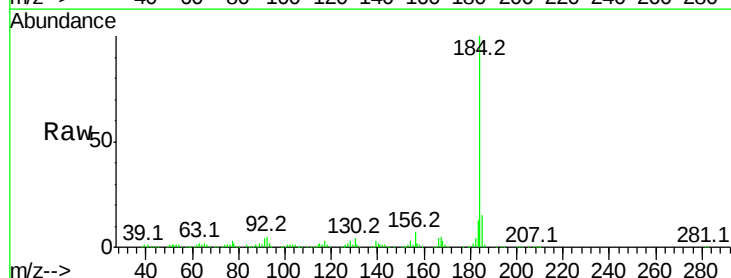
Tgt Ion:184 Resp: 317514

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

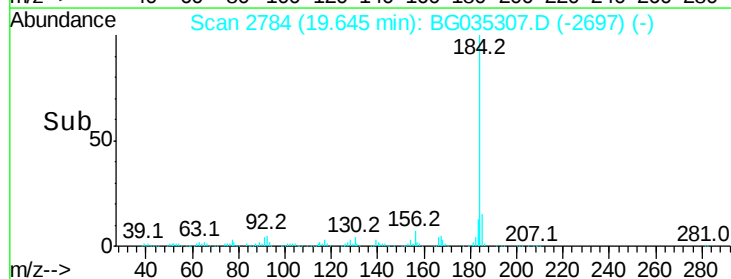
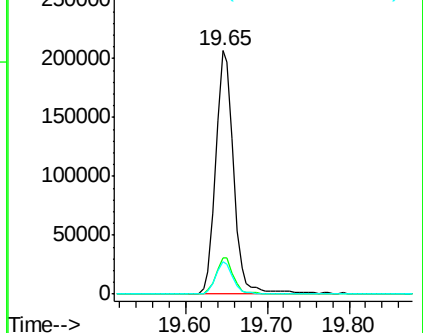
183 13.1 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.707 ng

RT: 19.83 min Scan# 2816

Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

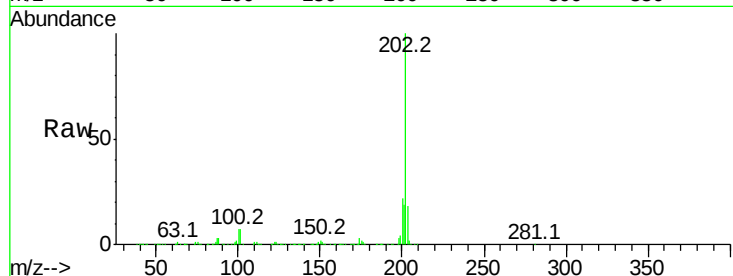
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1183473

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	17.9	13.9	20.9

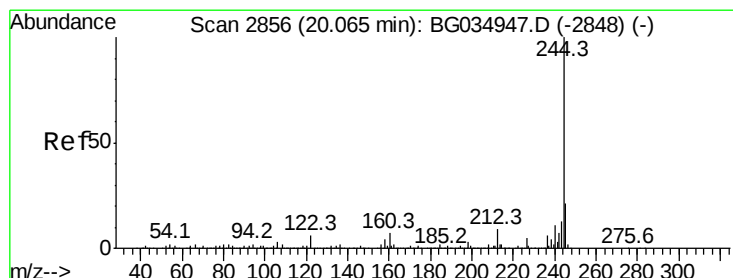
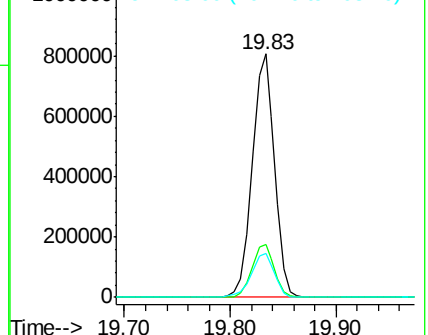
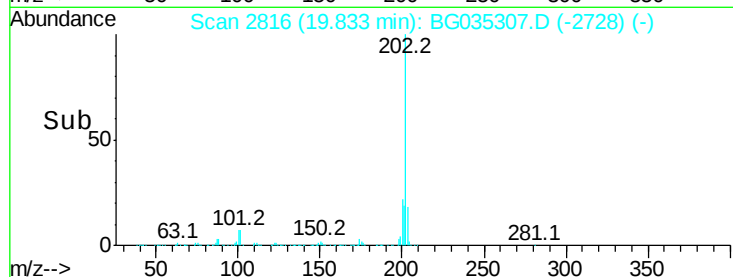


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.461 ng

RT: 20.03 min Scan# 2849

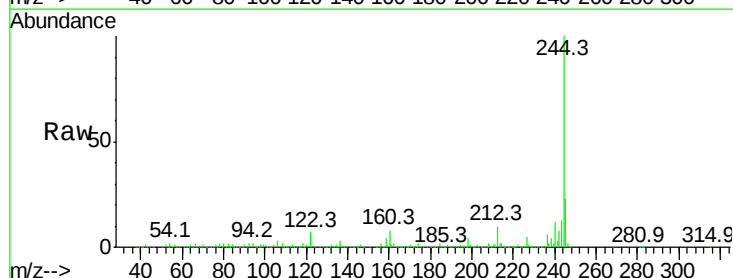
Delta R.T. -0.02 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Tgt Ion:244 Resp: 1852237

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	6.9	7.0	10.4#

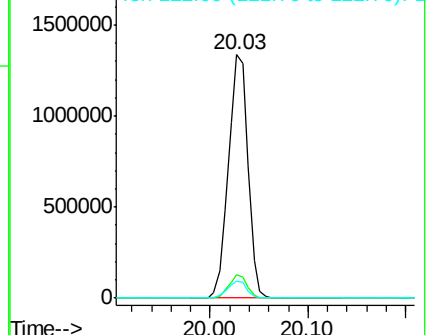
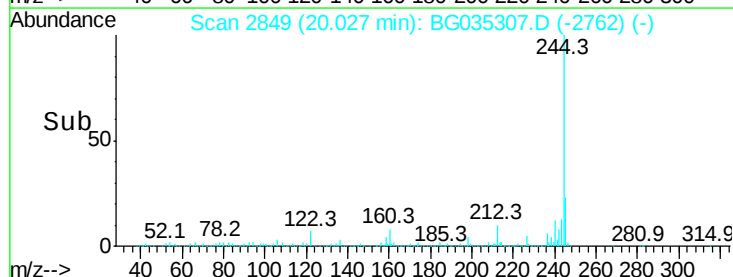


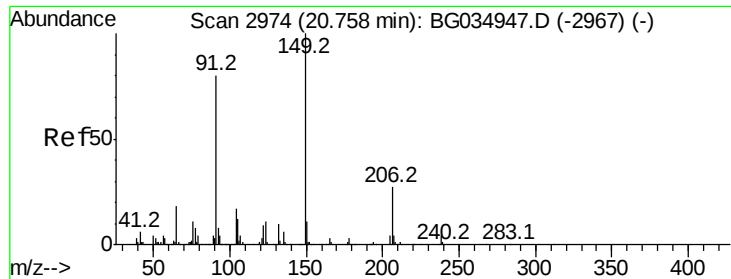
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

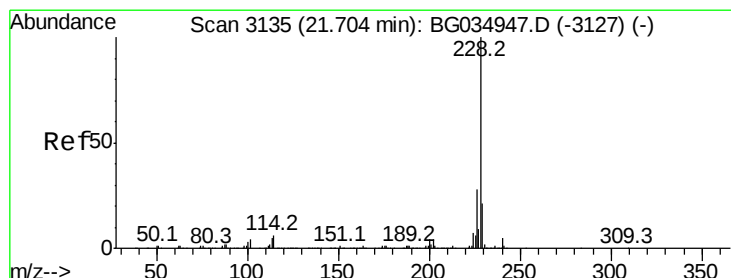
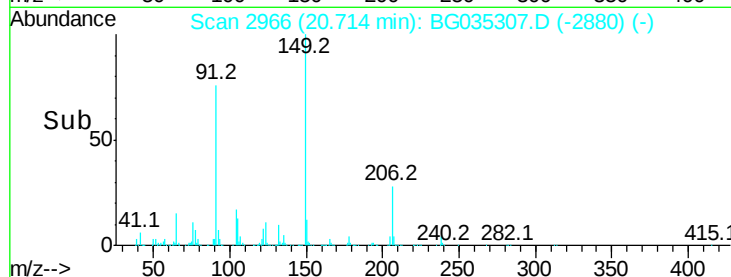
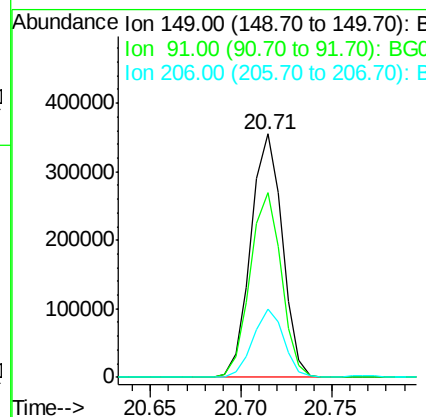
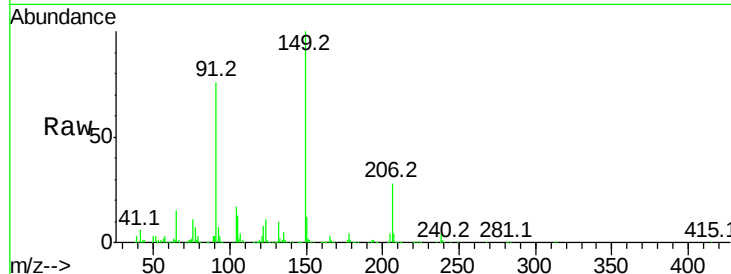




#79
 Butylbenzylphthalate
 Concen: 43.900 ng
 RT: 20.71 min Scan# 2966
 Delta R.T. -0.03 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

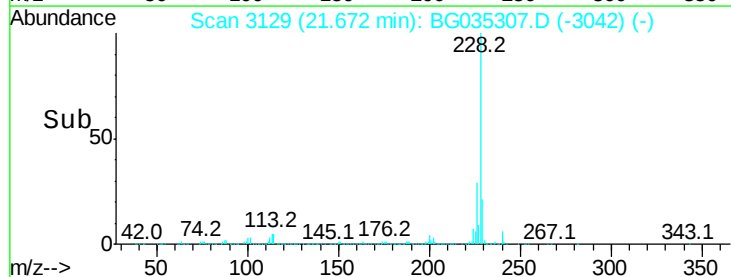
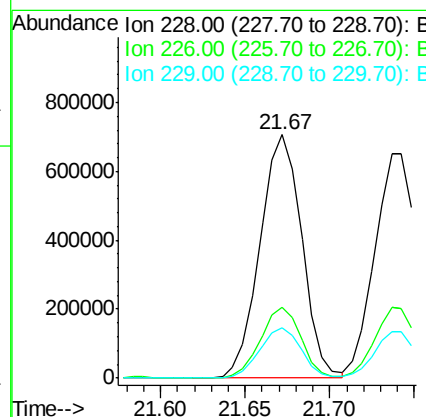
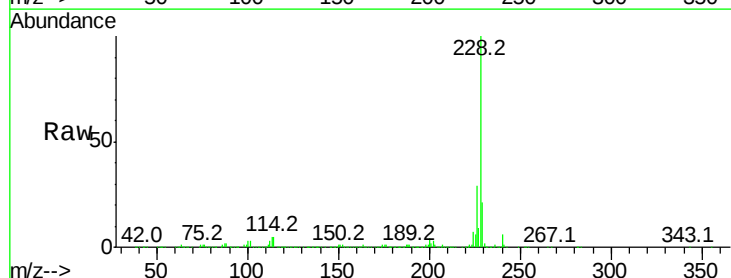
Instrument :
 BNA_G
 ClientSampleId :

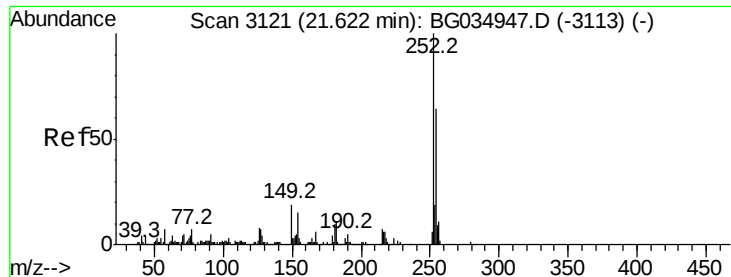
Tot Ion:149 Resp: 431639
 Ion Ratio Lower Upper
 149 100
 91 75.7 62.2 93.2
 206 27.9 18.6 27.8#



#80
 Benzo(a)anthracene
 Concen: 46.391 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

Tgt Ion:228 Resp: 1217620
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.7 34.1
 229 20.8 16.2 24.2

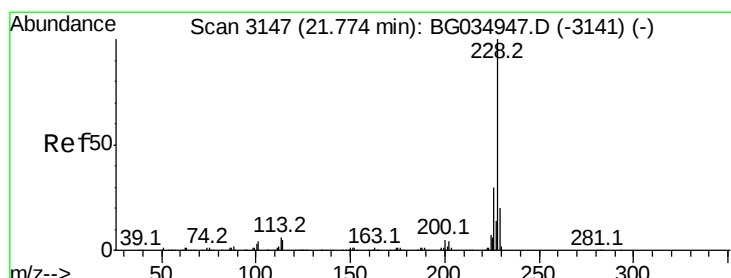
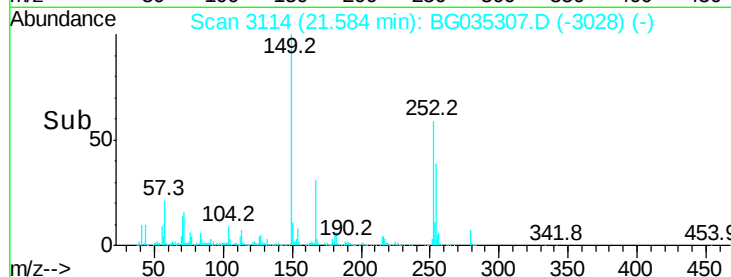
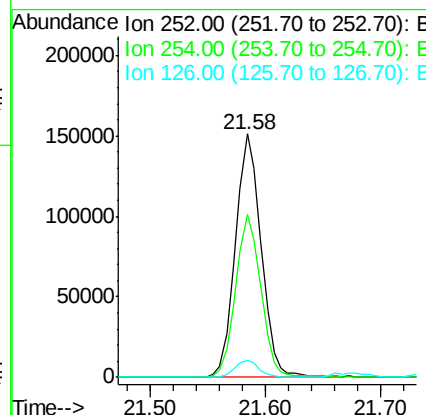
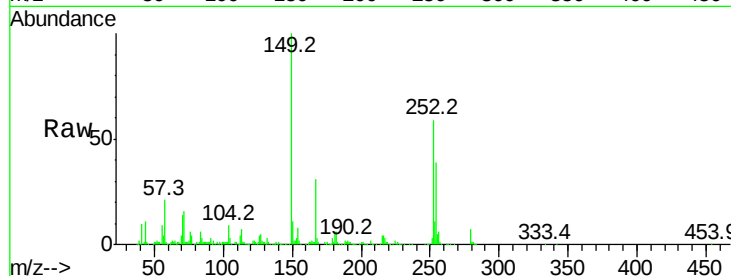




#81
 3,3'-Dichlorobenzidine
 Concen: 23.727 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

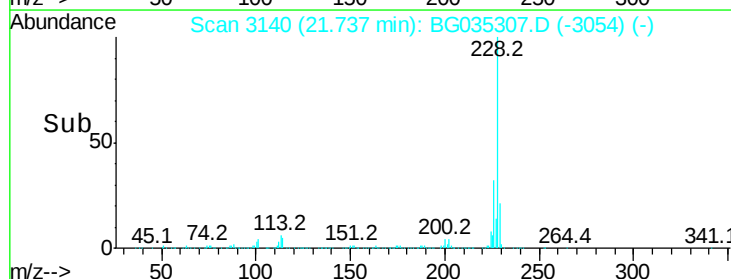
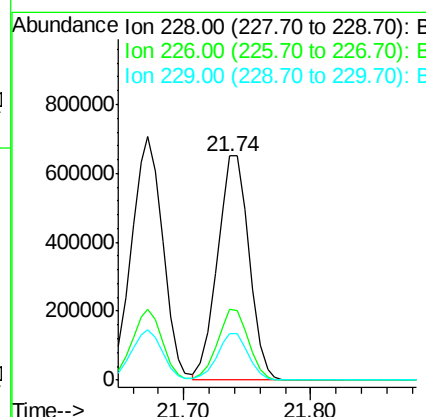
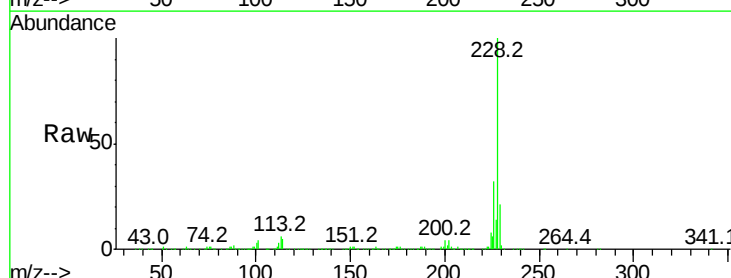
Instrument :
 BNA_G
 ClientSampleId :

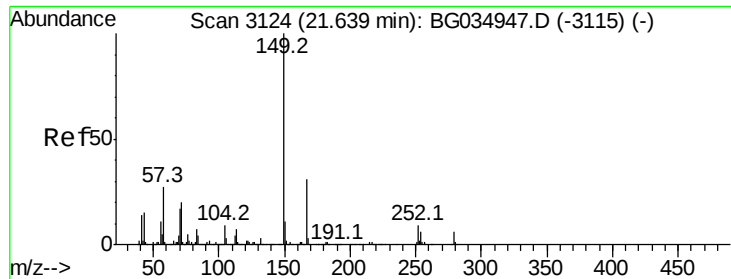
Tot Ion:252 Resp: 234295
 Ion Ratio Lower Upper
 252 100
 254 67.0 50.8 76.2
 126 7.0 7.4 11.2#



#82
 Chrysene
 Concen: 46.893 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.03 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

Tgt Ion:228 Resp: 1126911
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.9 37.3
 229 21.0 15.0 22.4

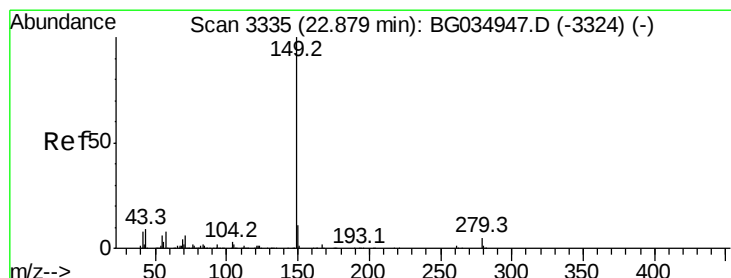
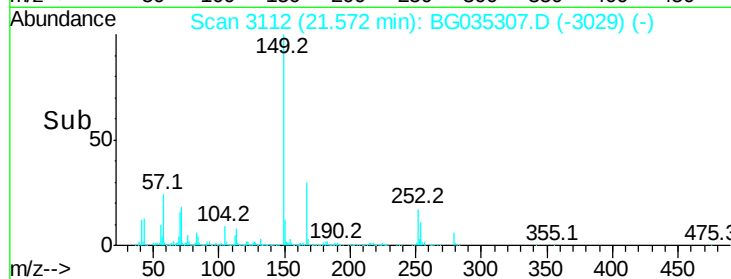
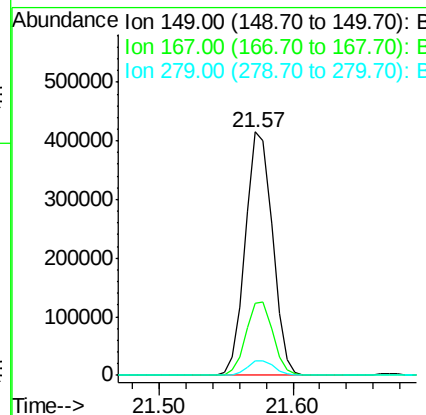
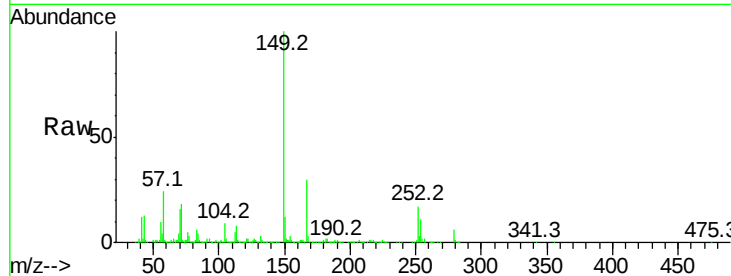




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.870 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.04 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

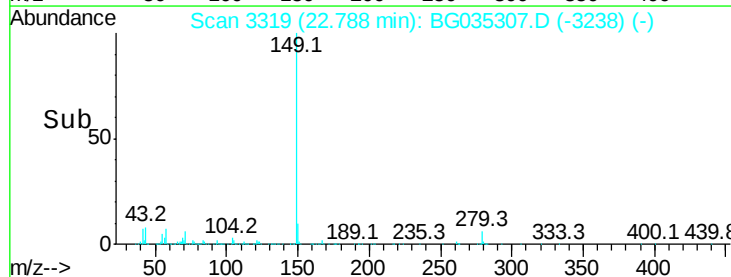
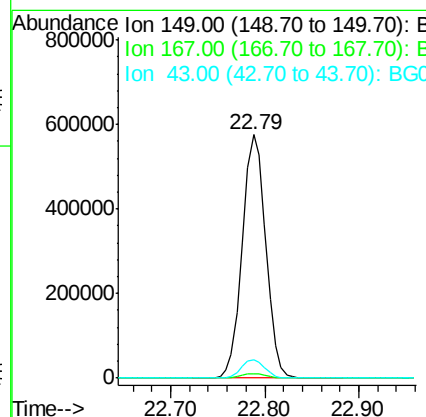
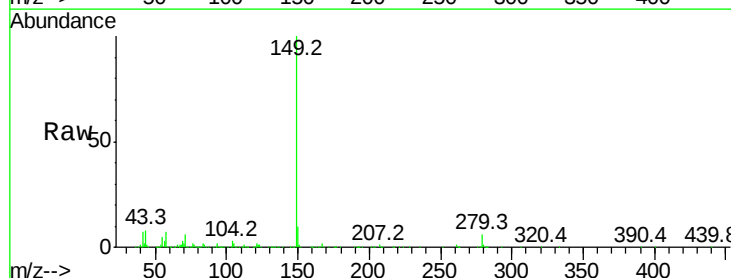
Instrument :
 BNA_G
 ClientSampleId :

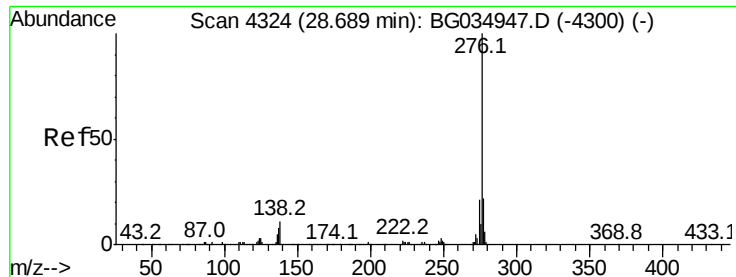
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.3	36.5
279	5.8	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 41.838 ng
 RT: 22.79 min Scan# 3319
 Delta R.T. -0.06 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.6	8.9	13.3#

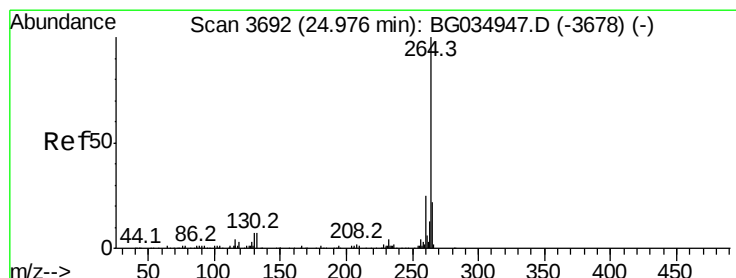
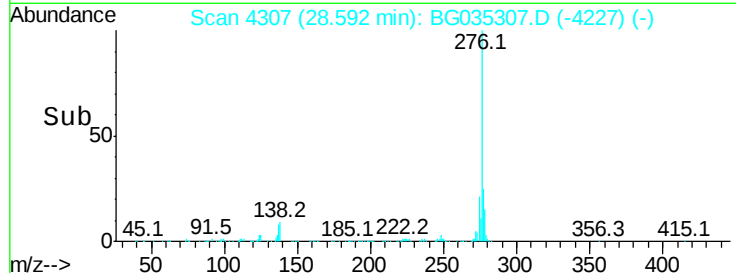
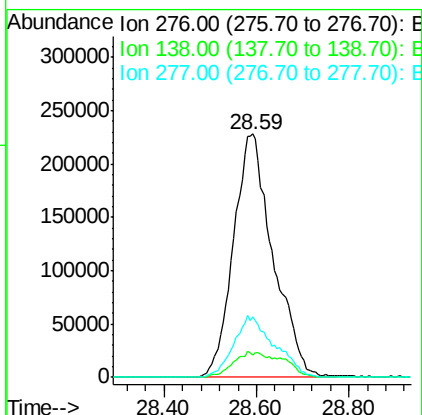
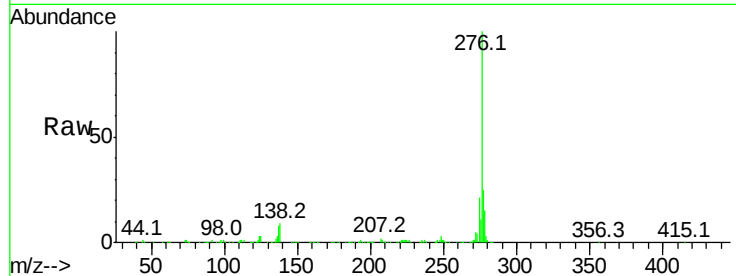




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.297 ng
 RT: 28.59 min Scan# 4307
 Delta R.T. -0.06 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

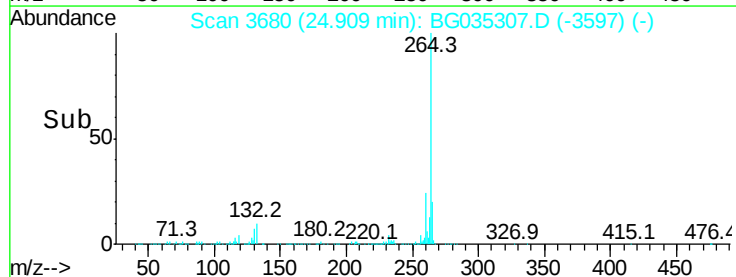
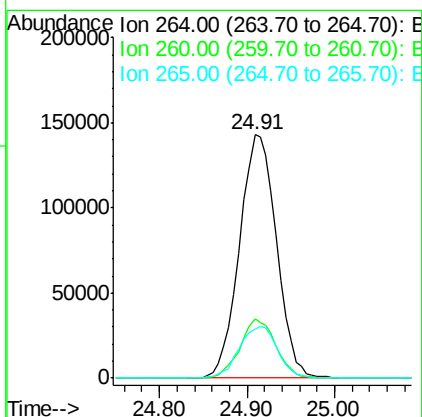
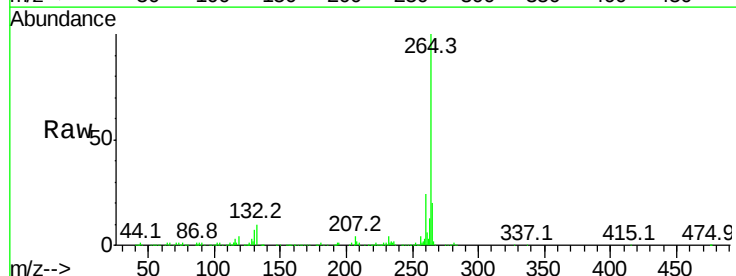
Instrument :
 BNA_G
 ClientSampleId :

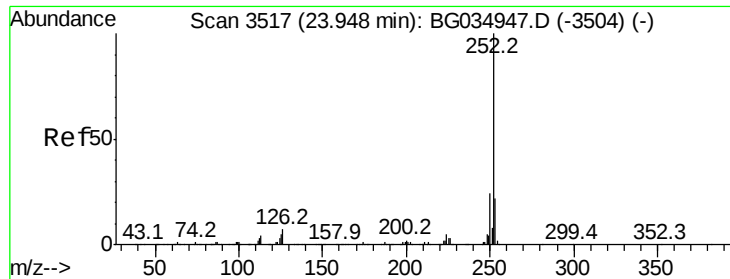
Tot Ion:276 Resp: 1359320
 Ion Ratio Lower Upper
 276 100
 138 5.4 16.0 24.0#
 277 26.1 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.04 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

Tgt Ion:264 Resp: 409755
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.4 26.0
 265 20.3 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 47.910 ng

RT: 23.89 min Scan# 3507

Delta R.T. -0.03 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

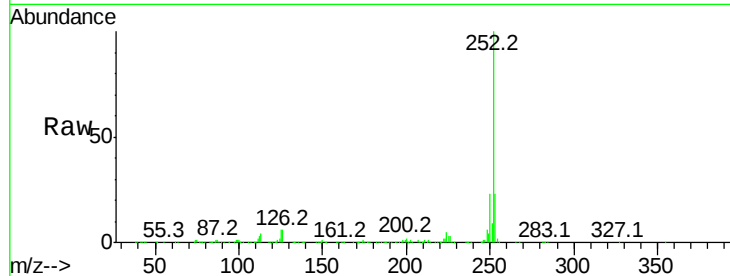
Tot Ion:252 Resp: 1208930

Ion Ratio Lower Upper

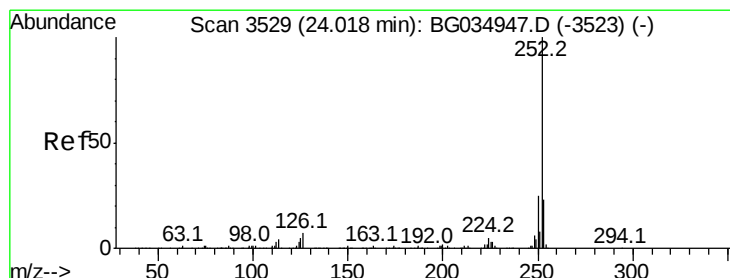
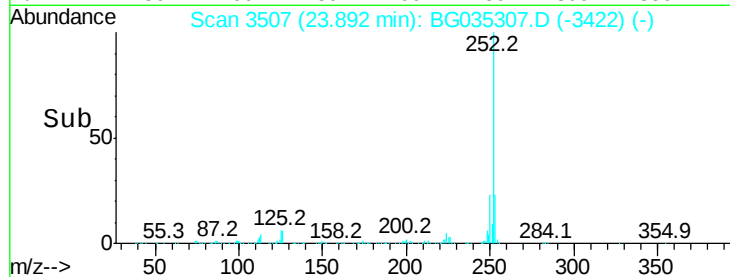
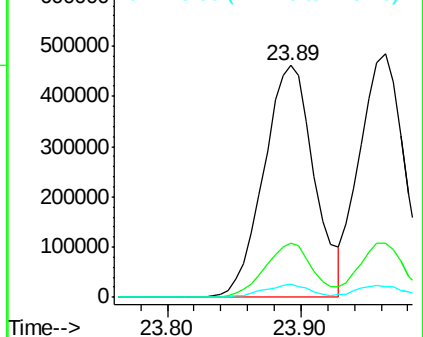
252 100

253 23.1 18.2 27.4

125 5.5 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: 45.539 ng

RT: 23.96 min Scan# 3519

Delta R.T. -0.03 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

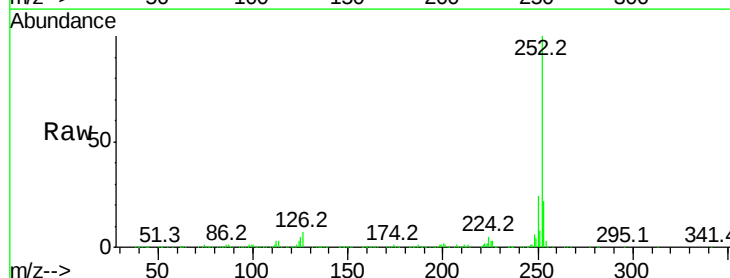
Tgt Ion:252 Resp: 1124082

Ion Ratio Lower Upper

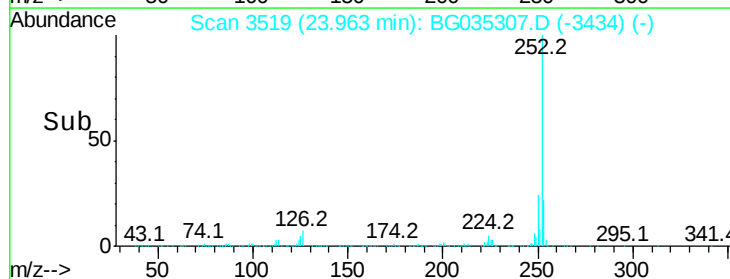
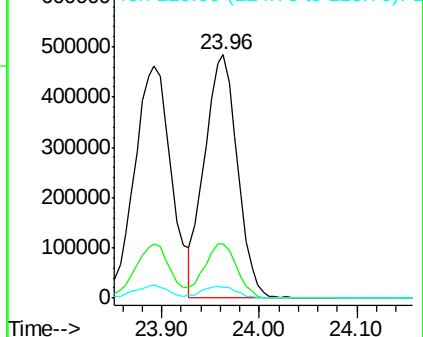
252 100

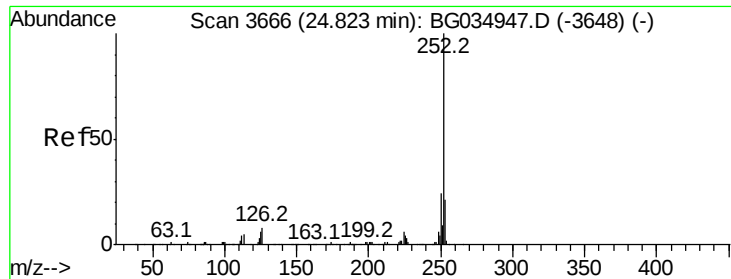
253 22.2 17.4 26.2

125 4.6 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: 48.109 ng

RT: 24.76 min Scan# 3655

Delta R.T. -0.04 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

Instrument :

BNA_G

ClientSampleId :

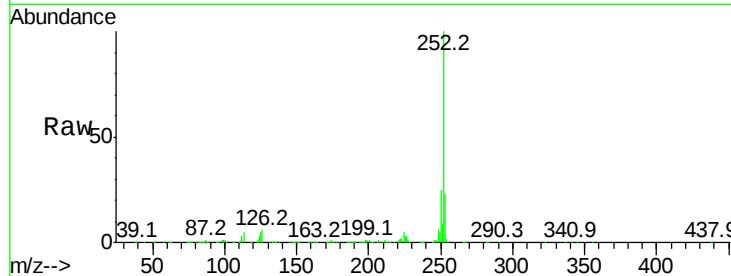
Tot Ion:252 Resp: 1142312

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

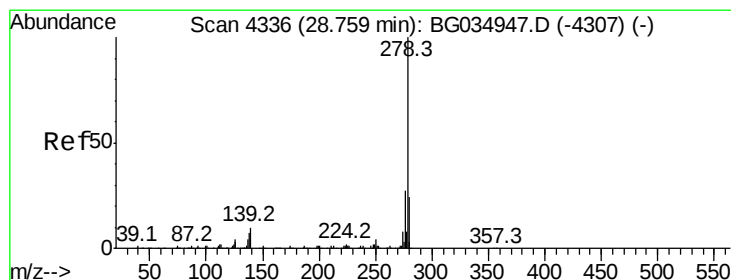
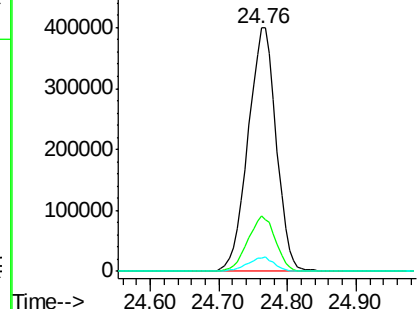
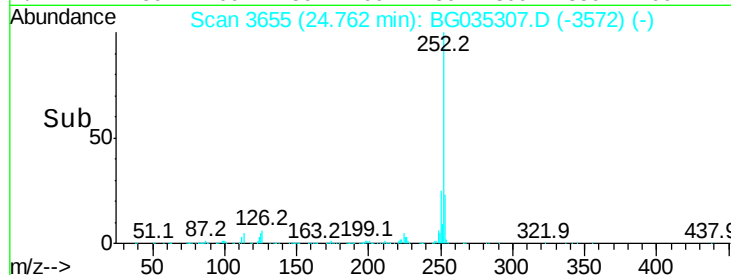
125 5.3 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.351 ng

RT: 28.66 min Scan# 4318

Delta R.T. -0.07 min

Lab File: BG035307.D

Acq: 21 Jun 2018 19:56

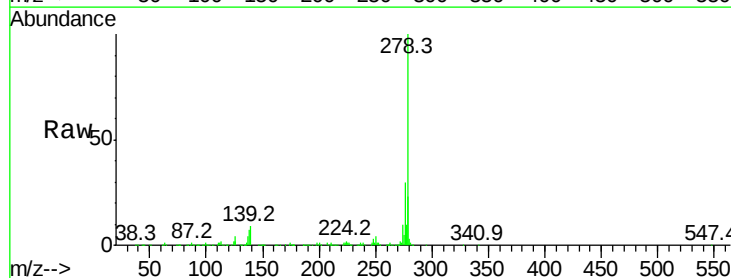
Tgt Ion:278 Resp: 1109882

Ion Ratio Lower Upper

278 100

139 8.8 9.8 14.6#

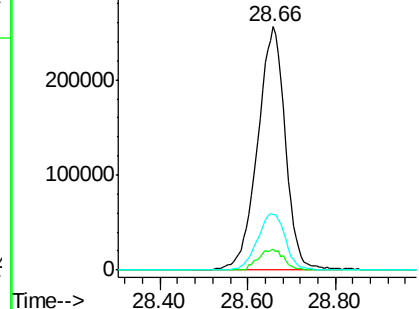
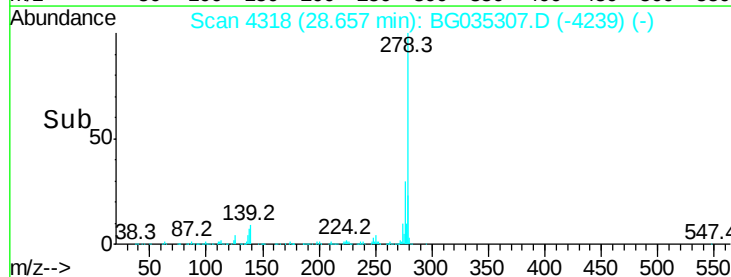
279 23.0 18.4 27.6

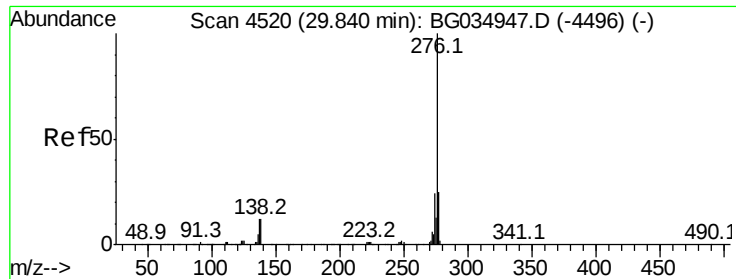


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 49.735 ng
 RT: 29.74 min Scan# 4503
 Delta R.T. -0.06 min
 Lab File: BG035307.D
 Acq: 21 Jun 2018 19:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1140872
 Ion Ratio Lower Upper
 276 100
 277 23.0 18.3 27.5
 138 10.6 13.9 20.9#

