

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\
 Data File : BG035258.D
 Acq On : 19 Jun 2018 21:36
 Operator : SJ/JU
 Sample : PB110338BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 01:07:43 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	14840	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	62093	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	55112	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	226225	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	425288	20.00	ng	-0.02
86) Perylene-d12	24.92	264	373330	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	199146	226.47	ng	-0.01
7) Phenol-d6	7.22	99	321557	247.76	ng	0.00
23) Nitrobenzene-d5	9.22	82	196074	150.10	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	231411	328.01	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	507209	119.64	ng	-0.02
78) Terphenyl-d14	20.04	244	2484956	122.39	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	17227	41.060	ng	87
3) Pyridine	3.95	79	56105	49.561	ng	# 75
4) n-Nitrosodimethylamine	3.86	42	22507	46.279	ng	# 64
6) Aniline	7.38	93	84270	50.231	ng	98
8) 2-Chlorophenol	7.62	128	59906	64.992	ng	94
9) Benzaldehyde	7.19	77	32020	32.029	ng	99
10) Phenol	7.24	94	97754	72.780	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	56539	54.234	ng	90
12) 1,3-Dichlorobenzene	7.95	146	60342	54.867	ng	97
13) 1,4-Dichlorobenzene	8.10	146	61118	53.834	ng	97
14) 1,2-Dichlorobenzene	8.42	146	61080	57.277	ng	98
15) Benzyl Alcohol	8.29	79	75305	61.234	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	61656	59.422	ng	76
17) 2-Methylphenol	8.49	107	63214	71.386	ng	94
18) Hexachloroethane	9.14	117	22683	55.808	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	57845	52.460	ng	# 85
20) 3+4-Methylphenols	8.82	107	89769	70.724	ng	91
22) Acetophenone	8.88	105	103427	53.772	ng	# 89
24) Nitrobenzene	9.26	77	86169	64.419	ng	93
25) Isophorone	9.78	82	169960	61.625	ng	97
26) 2-Nitrophenol	9.97	139	33341	72.311	ng	# 94
27) 2,4-Dimethylphenol	10.03	122	70295	72.533	ng	# 80
28) bis(2-Chloroethoxy)methane	10.26	93	86136	58.118	ng	98
29) 2,4-Dichlorophenol	10.50	162	80858	76.677	ng	91
30) 1,2,4-Trichlorobenzene	10.72	180	72435	57.284	ng	97
31) Naphthalene	10.91	128	192095	59.552	ng	98
32) Benzoic acid	10.14	122	54579	84.078	ng	98
33) 4-Chloroaniline	11.02	127	58243	41.584	ng	# 87
34) Hexachlorobutadiene	11.20	225	51159	52.023	ng	98
35) Caprolactam	11.78	113	17069	43.798	ng	# 61
36) 4-Chloro-3-methylphenol	12.13	107	108497	82.537	ng	96
37) 2-Methylnaphthalene	12.73	142	156288	63.907	ng	90
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	105798	51.538	ng	97
40) Hexachlorocyclopentadiene	12.86	237	135113	104.958	ng	93

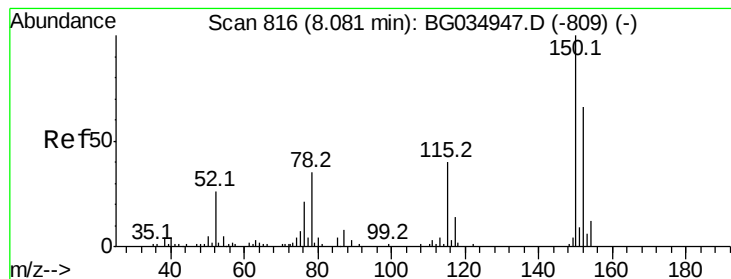
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 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	82397	67.034	nq	96
43) 2,4,5-Trichlorophenol	13.19	196	96445	71.487	nq	# 95
45) 1,1'-Biphenyl	13.51	154	232221	52.402	nq	98
46) 2-Chloronaphthalene	13.56	162	182816	54.563	nq	99
47) 2-Nitroaniline	13.76	65	80276	81.137	nq	99
48) Acenaphthylene	14.41	152	329598	58.667	nq	100
49) Dimethylphthalate	14.13	163	302786	63.003	nq	98
50) 2,6-Dinitrotoluene	14.25	165	71917	82.026	nq	94
51) Acenaphthene	14.75	154	196780	53.608	nq	99
52) 3-Nitroaniline	14.58	138	61481	71.462	nq	# 95
53) 2,4-Dinitrophenol	14.78	184	107281	302.343	nq	# 66
54) Dibenzofuran	15.08	168	337396	61.371	nq	93
55) 4-Nitrophenol	14.89	139	203618	280.429	nq	88
56) 2,4-Dinitrotoluene	15.04	165	126932	108.984	nq	# 89
57) Fluorene	15.73	166	300104	65.317	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	117496	89.649	nq	95
59) Diethylphthalate	15.49	149	338543	69.044	nq	98
60) 4-Chlorophenyl-phenylether	15.72	204	162896	62.175	nq	95
61) 4-Nitroaniline	15.75	138	124033	134.430	nq	# 83
62) Azobenzene	16.01	77	315718	65.708	nq	96
64) 4,6-Dinitro-2-methylphenol	15.80	198	89984	87.120	nq	83
65) n-Nitrosodiphenylamine	15.94	169	302792	44.569	nq	98
66) 4-Bromophenyl-phenylether	16.62	248	127105	46.656	nq	98
67) Hexachlorobenzene	16.73	284	138508	49.951	nq	97
68) Atrazine	16.88	200	201278	69.474	nq	97
69) Pentachlorophenol	17.07	266	253999	136.224	nq	97
70) Phenanthrene	17.47	178	682124	59.358	nq	98
71) Anthracene	17.56	178	710980	61.764	nq	98
72) Carbazole	17.83	167	882224	82.602	nq	98
73) Di-n-butylphthalate	18.38	149	936195	73.542	nq	# 98
74) Fluoranthene	19.48	202	1387970	92.817	nq	95
76) Benzidine	19.65	184	760988	48.096	nq	97
77) Pyrene	19.84	202	1446454	51.591	nq	96
79) Butylbenzylphthalate	20.72	149	643819	63.239	nq	# 95
80) Benzo(a)anthracene	21.68	228	1575920	57.987	nq	97
81) 3,3'-Dichlorobenzidine	21.59	252	342684	33.515	nq	# 98
82) Chrysene	21.74	228	1445977	58.111	nq	97
83) Bis(2-ethylhexyl)phthalate	21.58	149	766358	53.274	nq	99
84) Di-n-octyl phthalate	22.80	149	1189450	48.196	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.62	276	1552243	53.264	nq	# 87
87) Benzo(b)fluoranthene	23.90	252	1366711	59.447	nq	# 96
88) Benzo(k)fluoranthene	23.97	252	1305680	58.057	nq	# 97
89) Benzo(a)pyrene	24.78	252	1319392	60.988	nq	# 95
90) Dibenzo(a,h)anthracene	28.68	278	1258059	58.909	nq	# 94
91) Benzo(g,h,i)perylene	29.78	276	1282046	61.342	nq	# 92

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

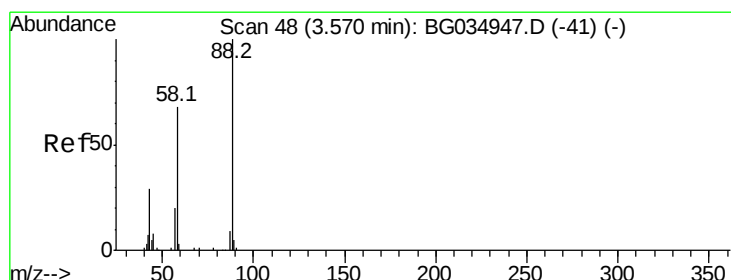
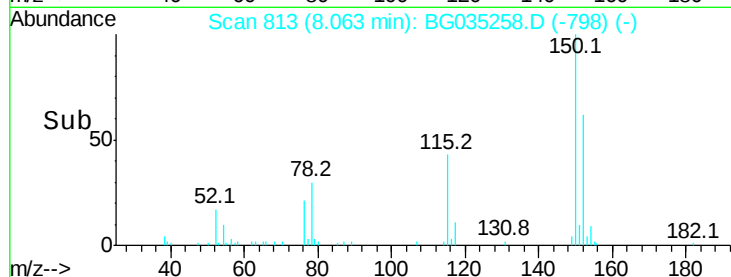
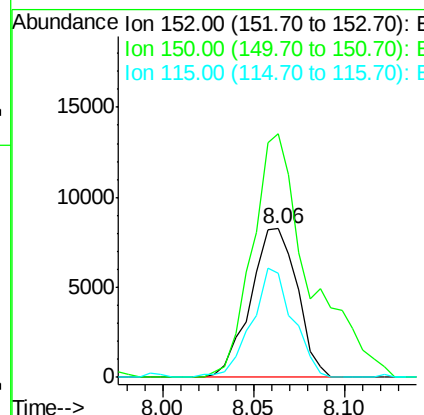
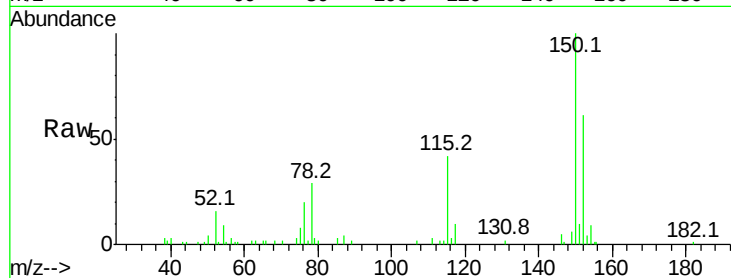


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :

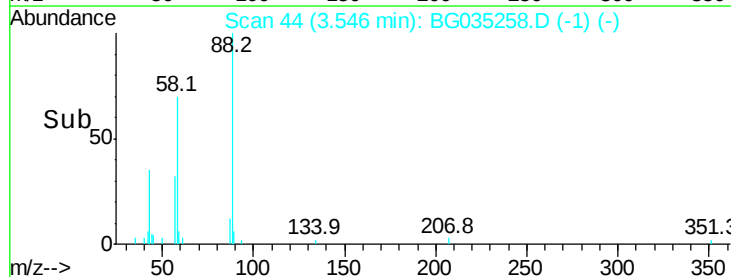
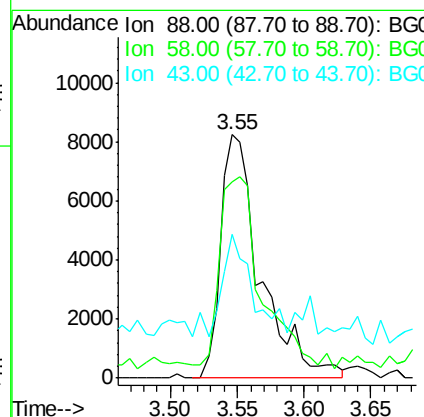
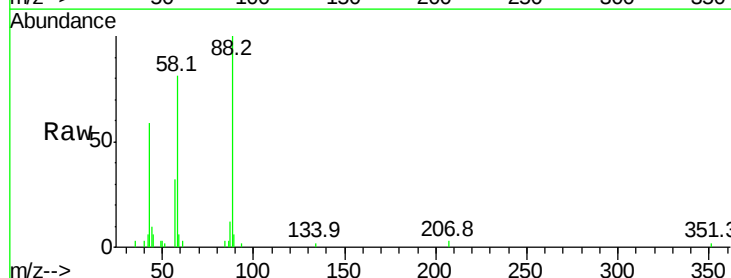
Tot Ion:152 Resp: 14840
 Ion Ratio Lower Upper
 152 100
 150 164.0 126.6 189.8
 115 69.7 53.0 79.4

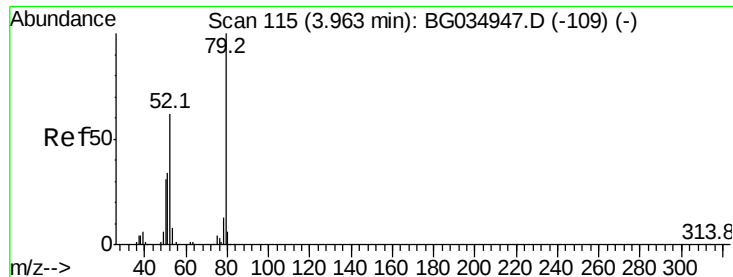


#2

1,4-Dioxane
 Concen: 41.060 ng
 RT: 3.55 min Scan# 44
 Delta R.T. -0.02 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

Tgt Ion: 88 Resp: 17227
 Ion Ratio Lower Upper
 88 100
 58 83.2 79.6 119.4
 43 32.2 27.4 41.0





#3

Pvridine

Concen: 49.561 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

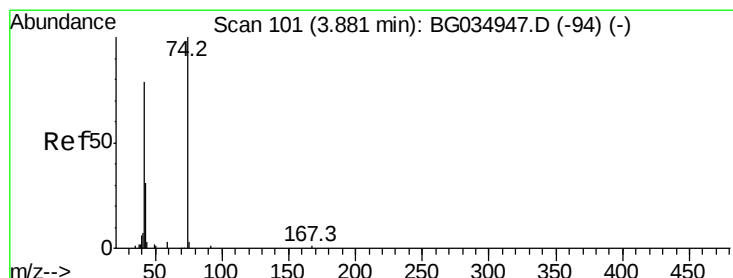
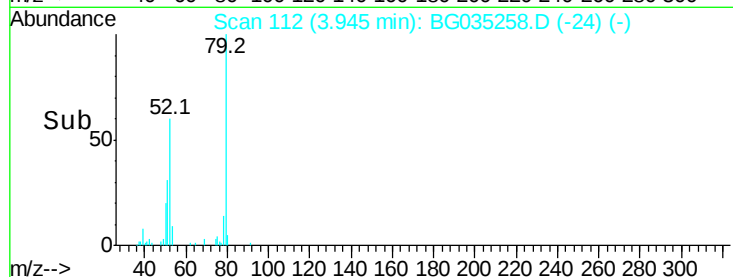
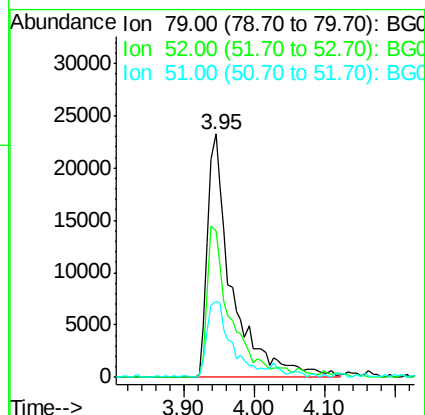
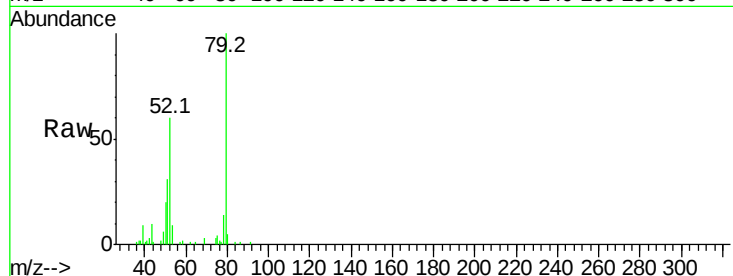
Tot Ion: 79 Resp: 56105

Ion Ratio Lower Upper

79 100

52 60.3 69.9 104.9#

51 31.4 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 46.279 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

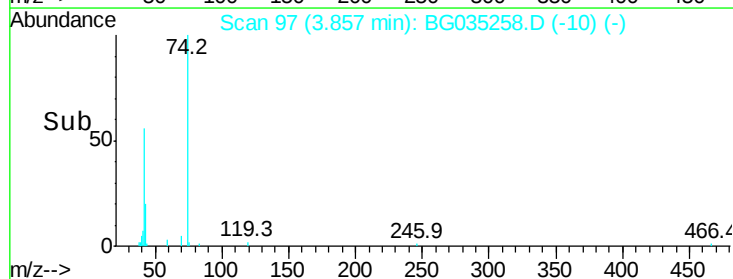
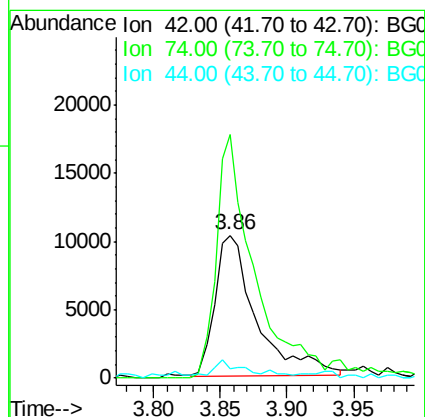
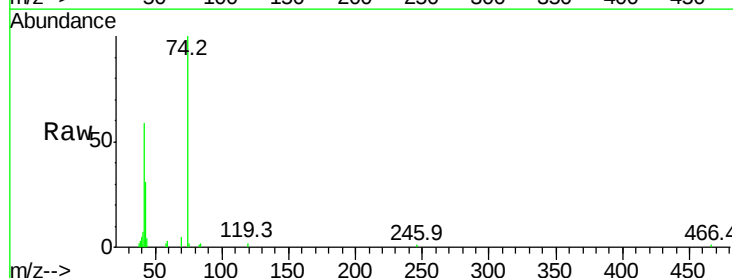
Tgt Ion: 42 Resp: 22507

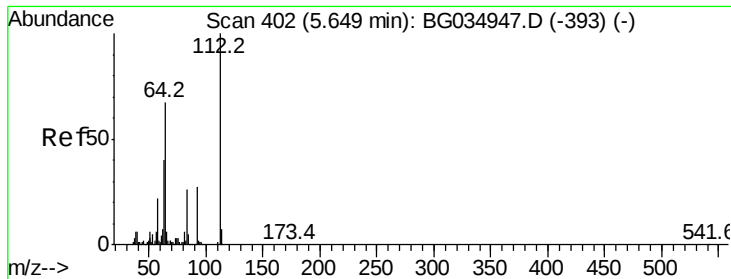
Ion Ratio Lower Upper

42 100

74 170.6 102.5 153.7#

44 6.8 18.9 28.3#





#5

2-Fluorophenol

Concen: 226.469 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035258.D

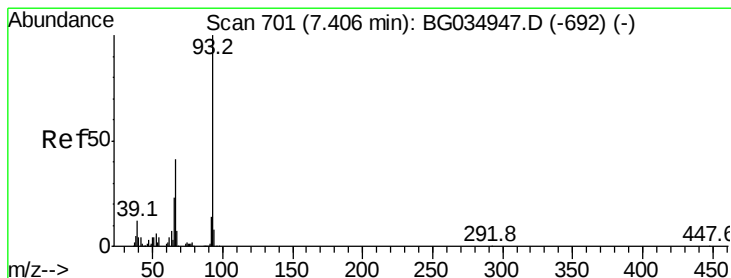
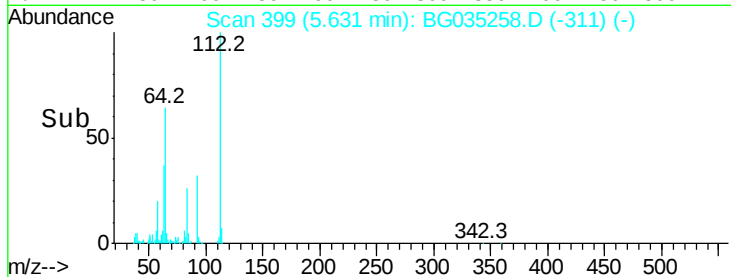
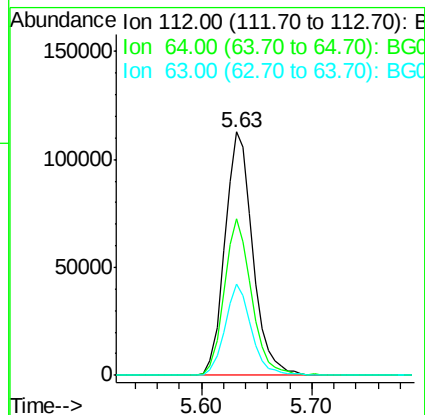
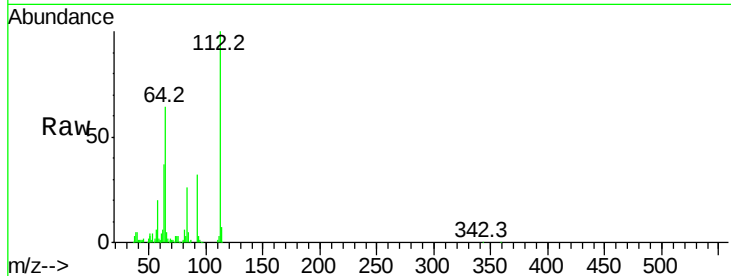
Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	199146
Ion	Ratio	Lower	Upper
112	100		
64	64.1	56.3	84.5
63	37.5	30.1	45.1



#6

Aniline

Concen: 50.231 ng

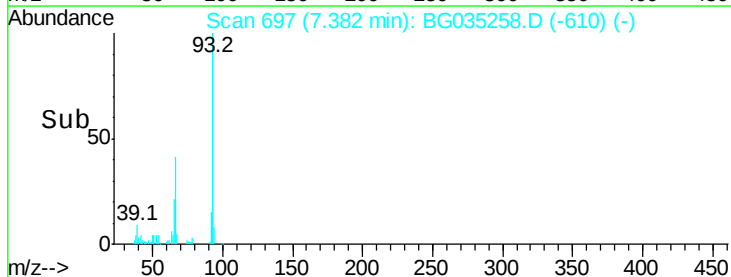
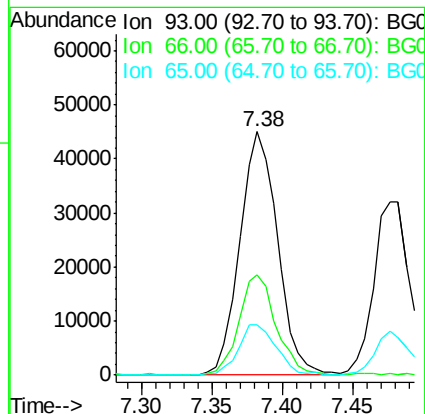
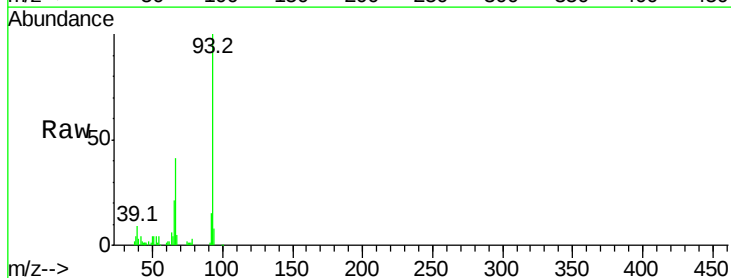
RT: 7.38 min Scan# 697

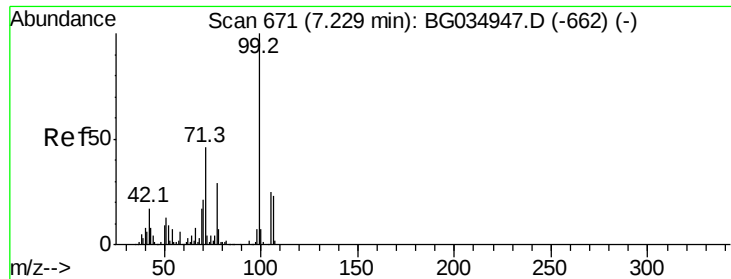
Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Tgt Ion:	93	Resp:	84270
Ion	Ratio	Lower	Upper
93	100		
66	41.1	33.7	50.5
65	20.9	16.1	24.1





#7

Phenol-d6

Concen: 247.757 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampled :

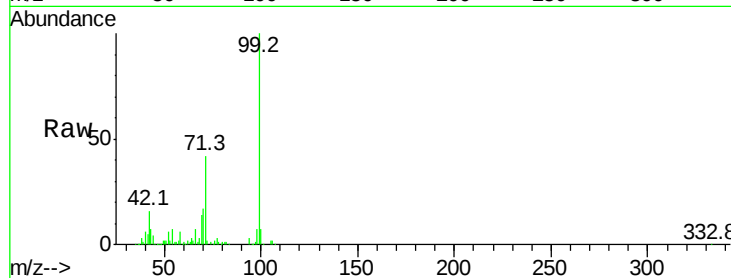
Tot Ion: 99 Resp: 321557

Ion Ratio Lower Upper

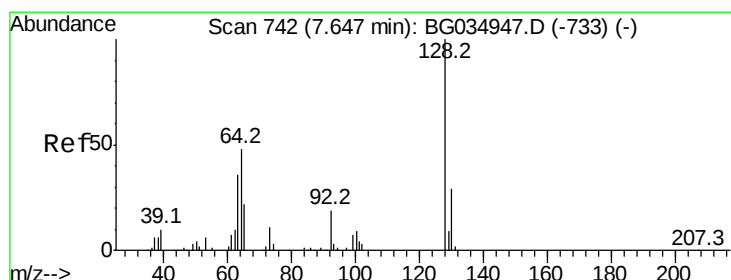
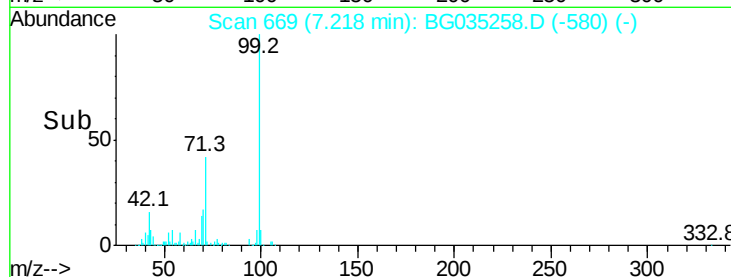
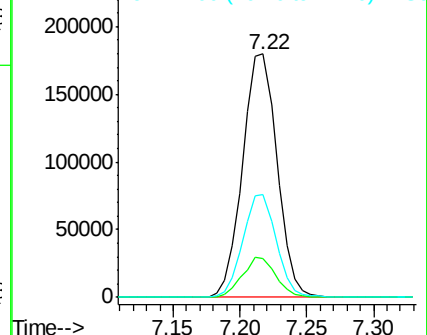
99 100

42 15.8 14.1 21.1

71 42.2 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 64.992 ng

RT: 7.62 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

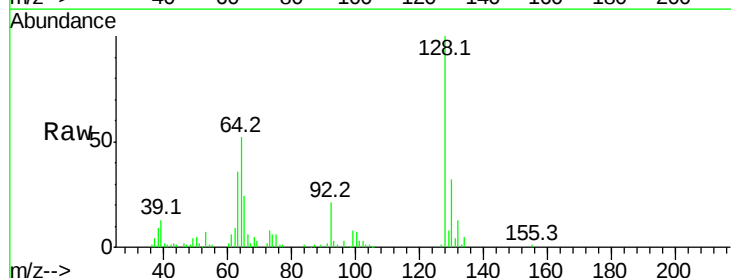
Tgt Ion:128 Resp: 59906

Ion Ratio Lower Upper

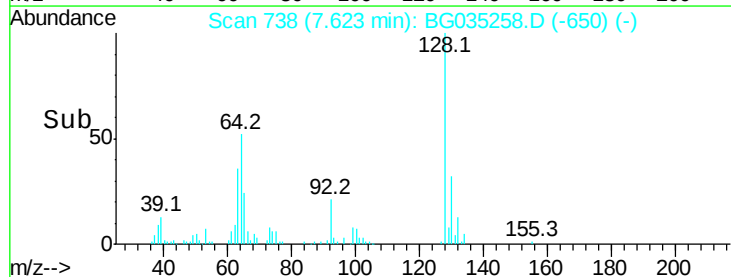
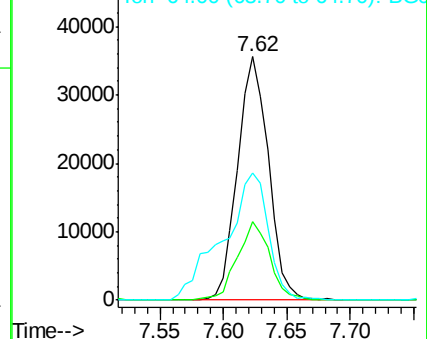
128 100

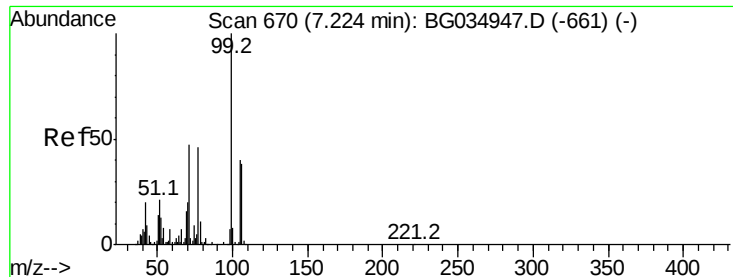
130 32.3 14.0 54.0

64 52.0 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 32.029 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

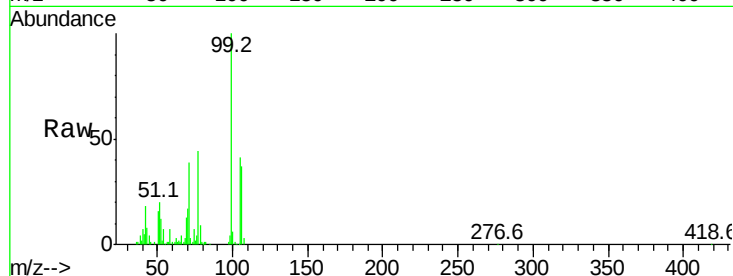
Tot Ion: 77 Resp: 32020

Ion Ratio Lower Upper

77 100

105 92.4 71.3 111.3

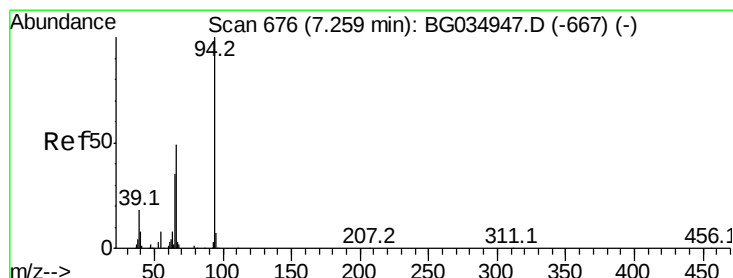
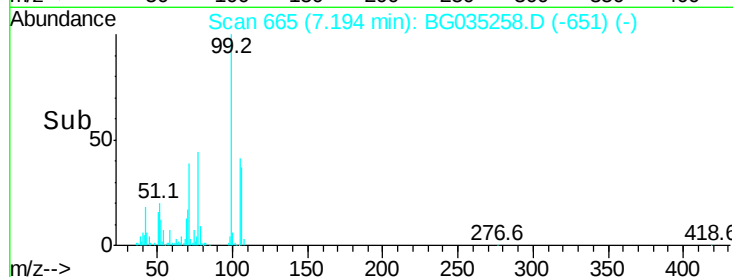
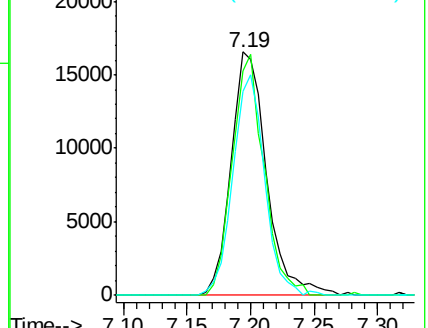
106 83.7 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 72.780 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

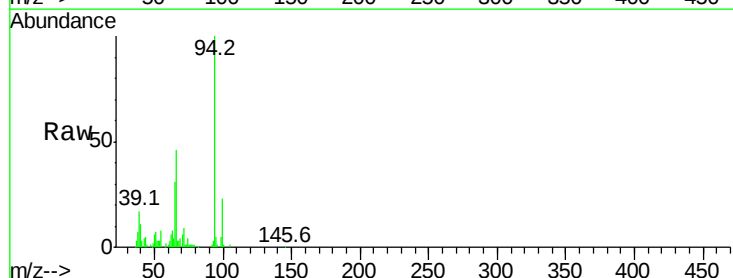
Tgt Ion: 94 Resp: 97754

Ion Ratio Lower Upper

94 100

65 31.3 11.9 51.9

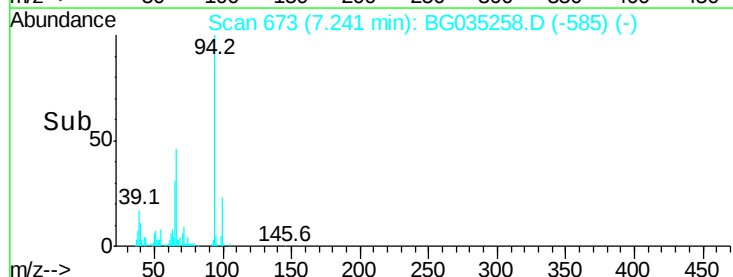
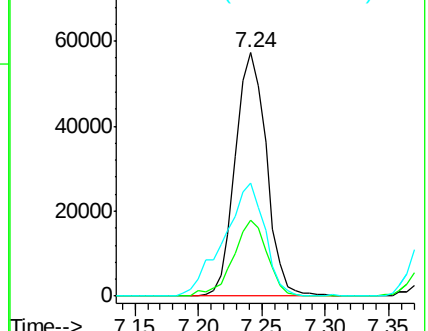
66 46.4 22.2 62.2

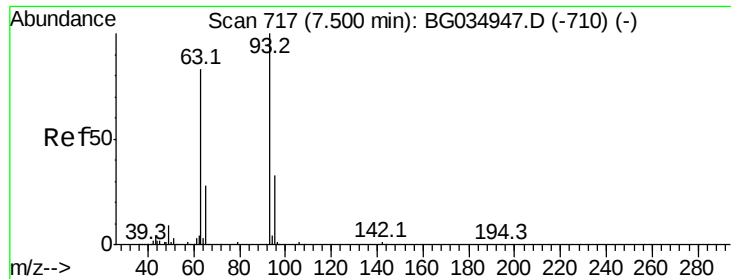


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

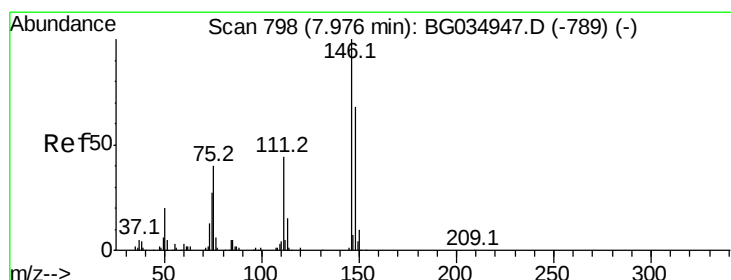
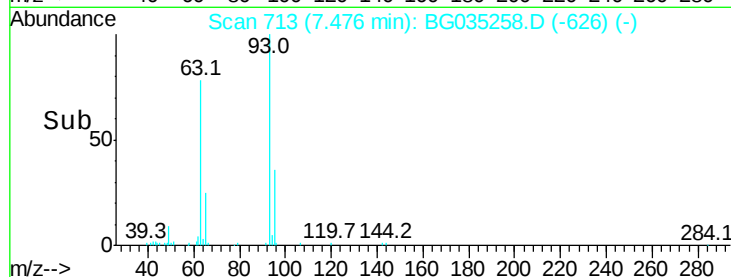
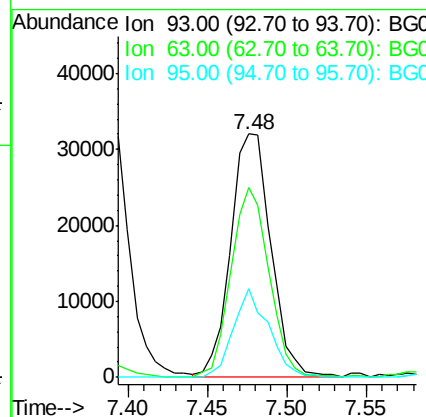
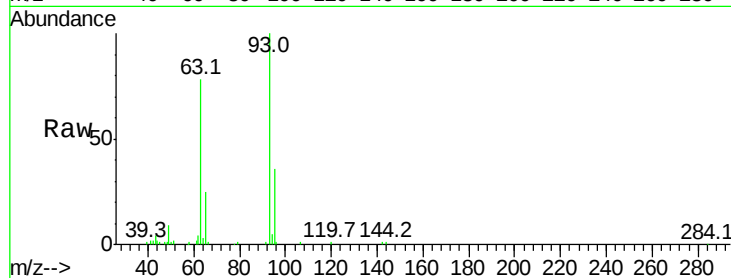




#11
bis(2-Chloroethyl)ether
Concen: 54.234 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

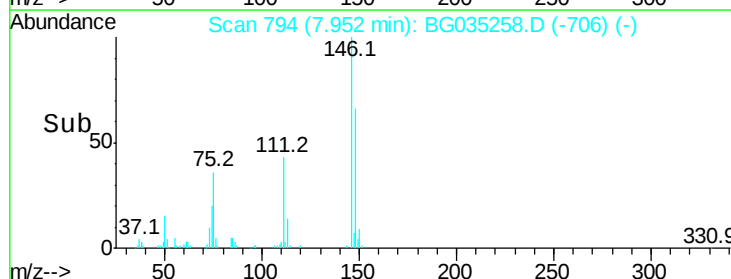
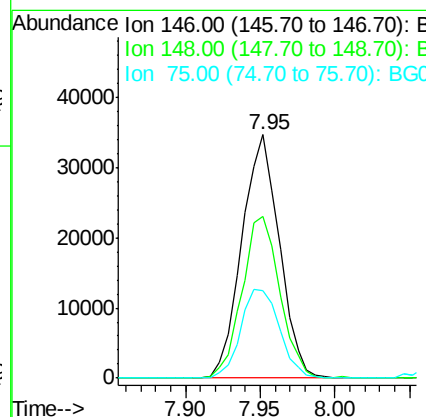
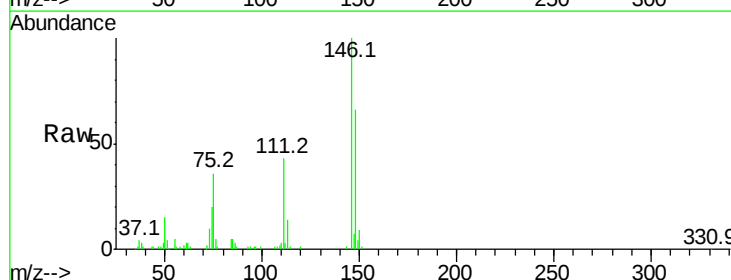
Instrument :
BNA_G
ClientSampleId :

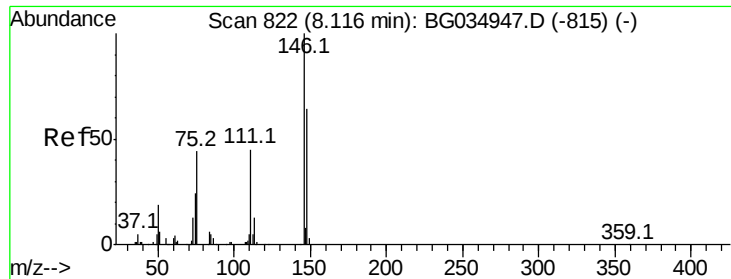
Tot Ion: 93 Resp: 56539
Ion Ratio Lower Upper
93 100
63 77.9 67.1 107.1
95 36.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 54.867 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Tgt Ion:146 Resp: 60342
Ion Ratio Lower Upper
146 100
148 66.4 51.4 77.2
75 35.8 26.6 39.8

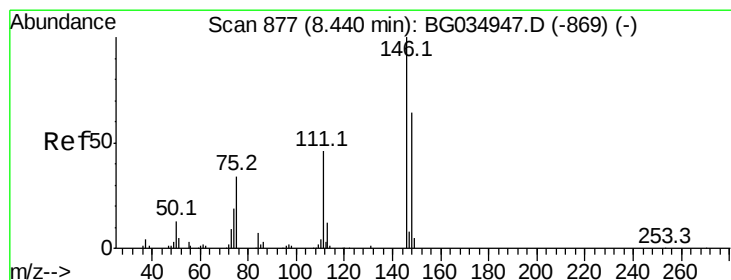
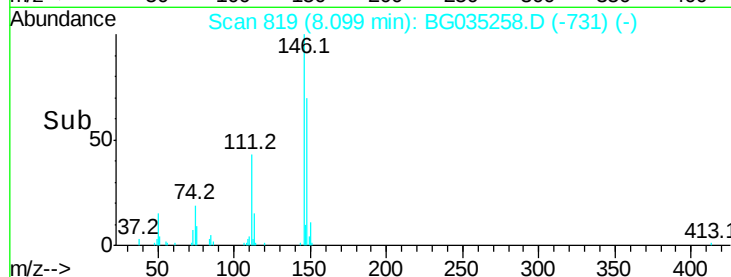
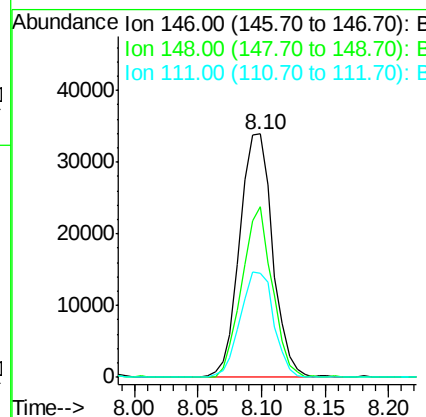
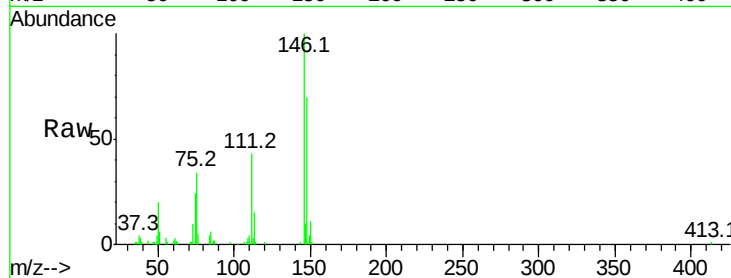




#13
 1,4-Dichlorobenzene
 Concen: 53.834 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

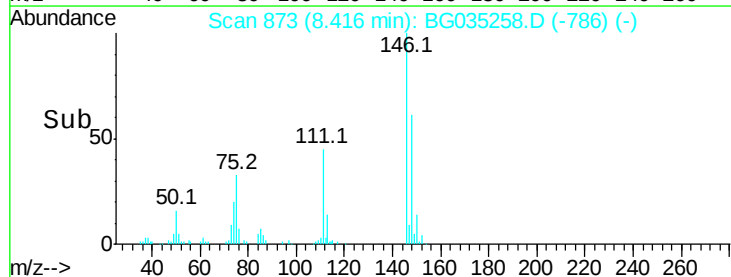
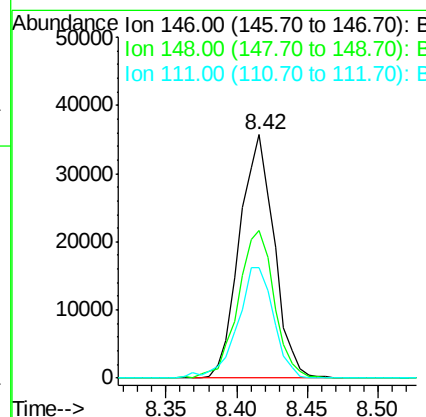
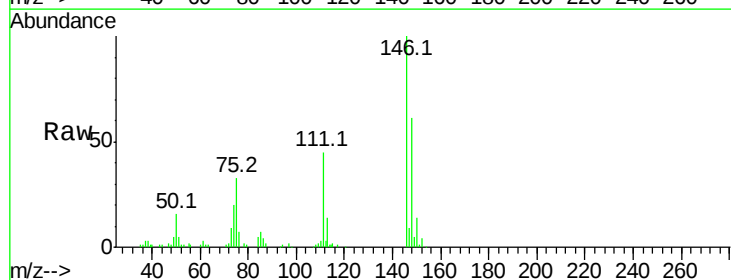
Instrument :
 BNA_G
 ClientSampleId :

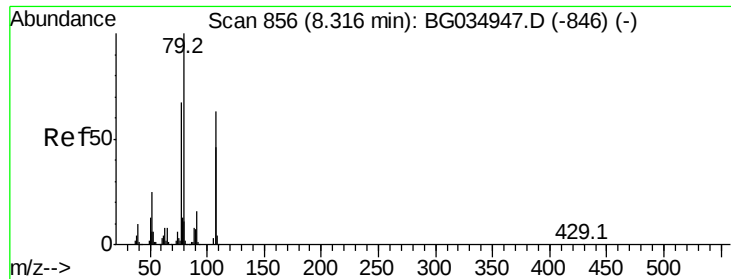
Tot Ion:146 Resp: 61118
 Ion Ratio Lower Upper
 146 100
 148 70.2 53.7 80.5
 111 42.6 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 57.277 ng
 RT: 8.42 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

Tgt Ion:146 Resp: 61080
 Ion Ratio Lower Upper
 146 100
 148 60.6 49.3 73.9
 111 45.4 34.3 51.5





#15

Benzyl Alcohol

Concen: 61.234 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampled :

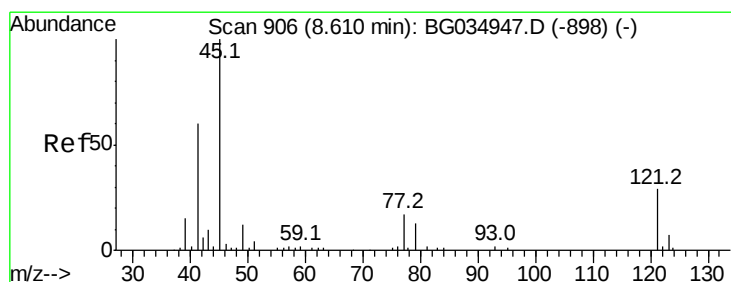
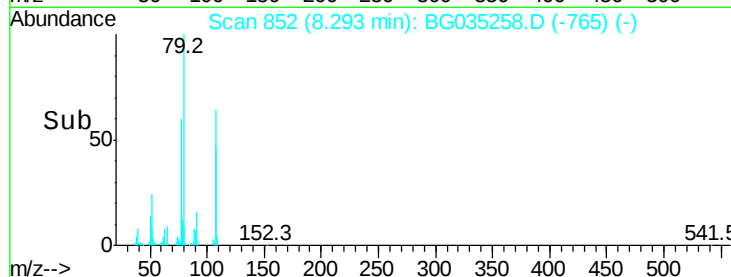
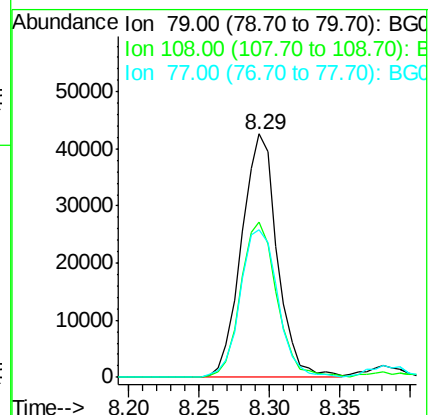
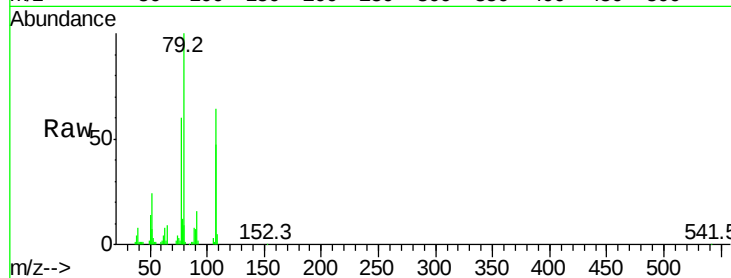
Tot Ion: 79 Resp: 75305

Ion Ratio Lower Upper

79 100

108 63.7 57.2 85.8

77 60.4 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 59.422 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

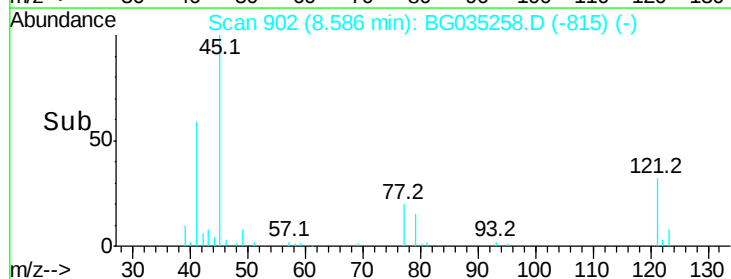
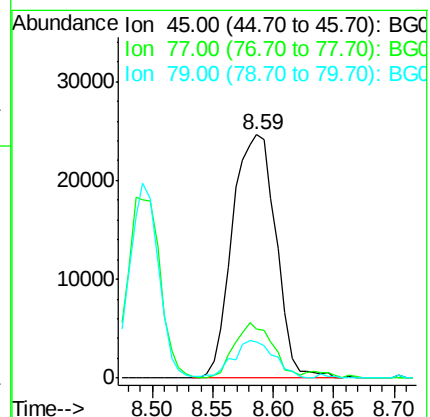
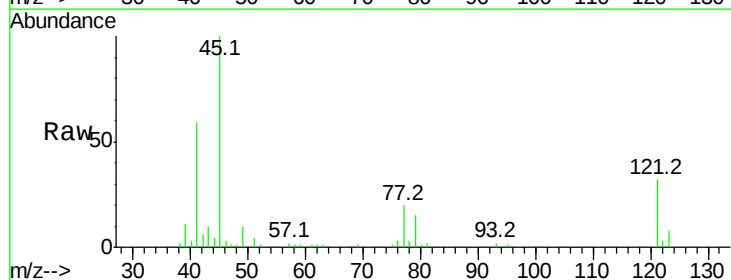
Tgt Ion: 45 Resp: 61656

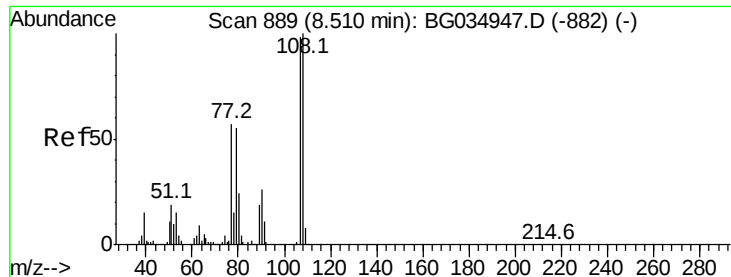
Ion Ratio Lower Upper

45 100

77 19.9 0.0 30.2

79 15.2 0.0 27.9

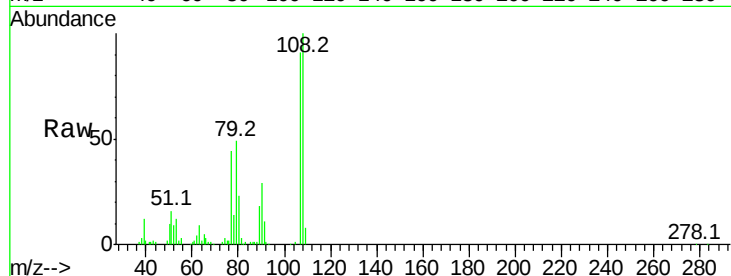




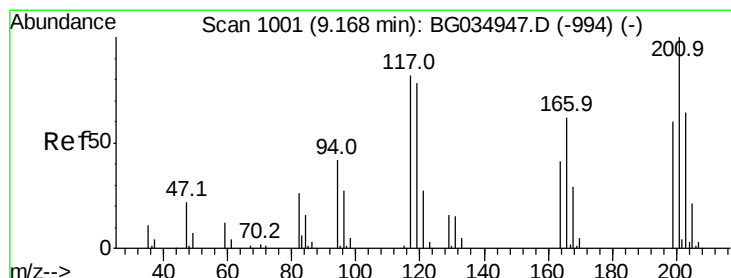
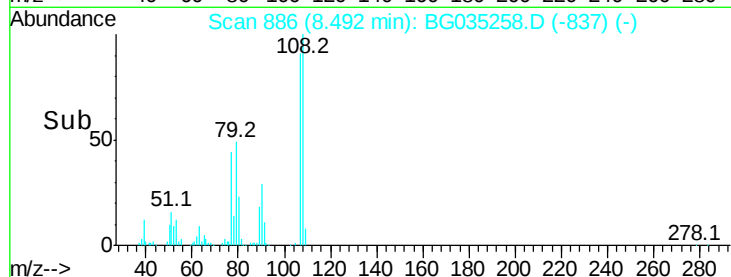
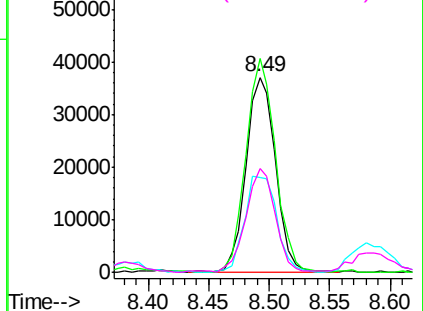
#17
2-Methylphenol
Concen: 71.386 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 63214
Ion Ratio Lower Upper
107 100
108 109.5 83.9 125.9
77 48.6 37.2 55.8
79 53.2 36.2 54.2

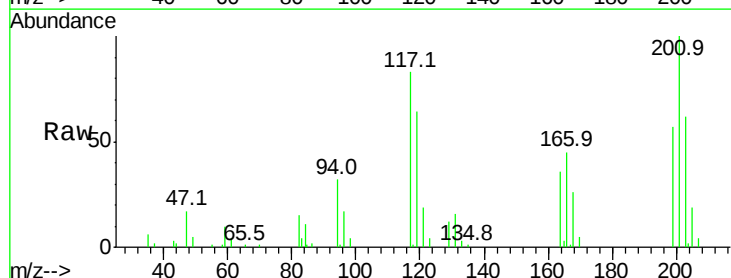


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

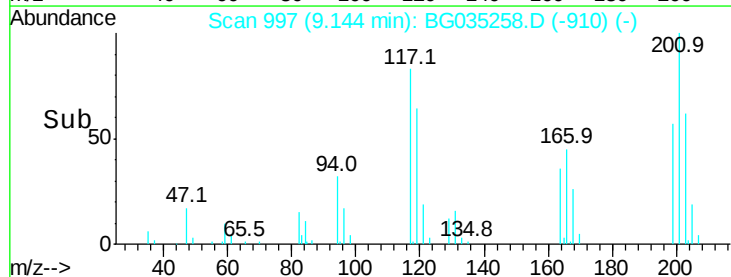
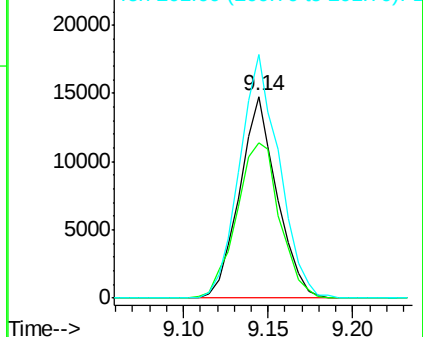


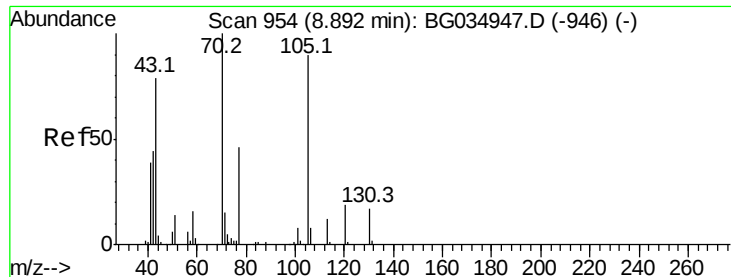
#18
Hexachloroethane
Concen: 55.808 ng
RT: 9.14 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Tgt Ion:117 Resp: 22683
Ion Ratio Lower Upper
117 100
119 77.1 76.7 115.1
201 120.6 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: 52.460 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

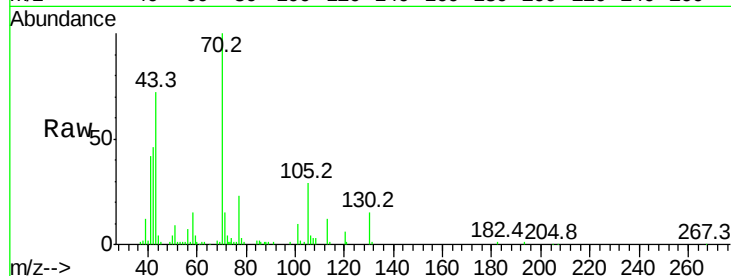
BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 57845

Ion Ratio Lower Upper

70	100		
42	46.2	49.1	73.7#
101	9.6	8.5	12.7
130	14.8	13.4	20.0

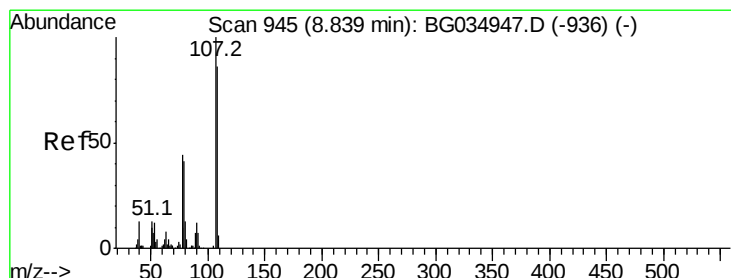
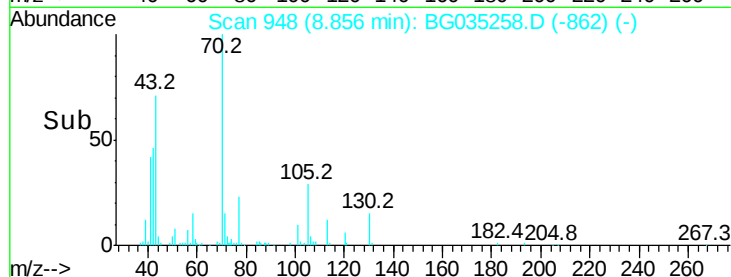
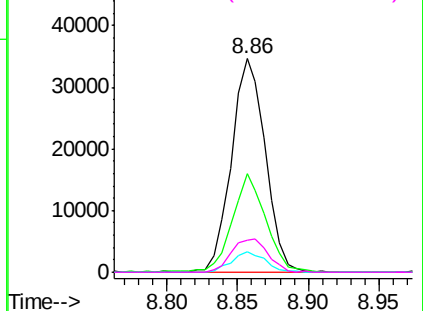


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 70.724 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Tgt Ion: 107 Resp: 89769

Ion Ratio Lower Upper

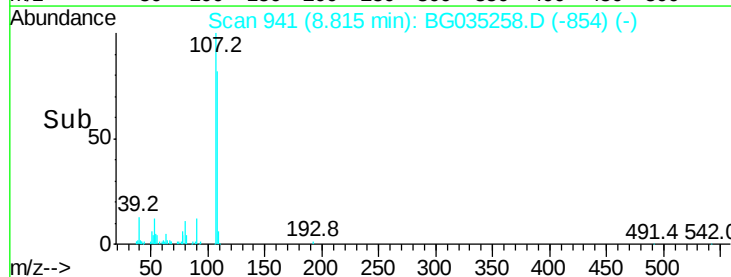
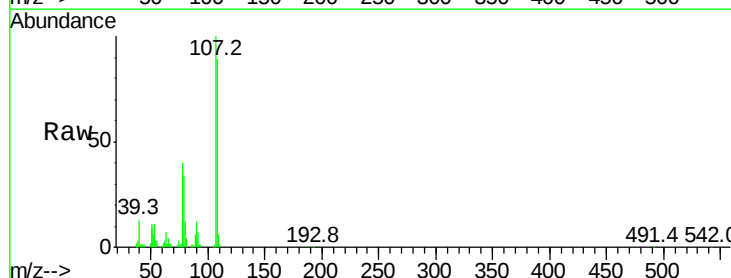
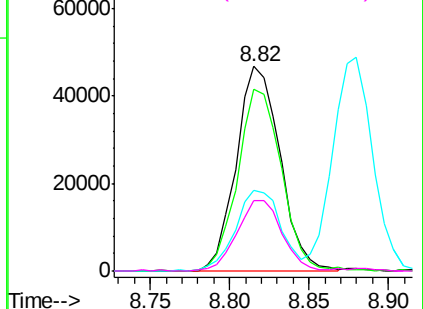
107	100		
108	88.8	61.6	101.6
77	39.6	13.9	53.9
79	34.4	8.8	48.8

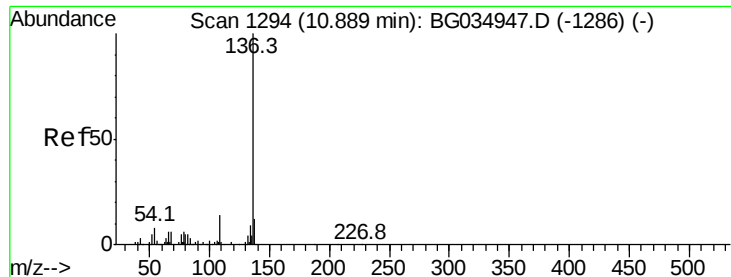
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 62093

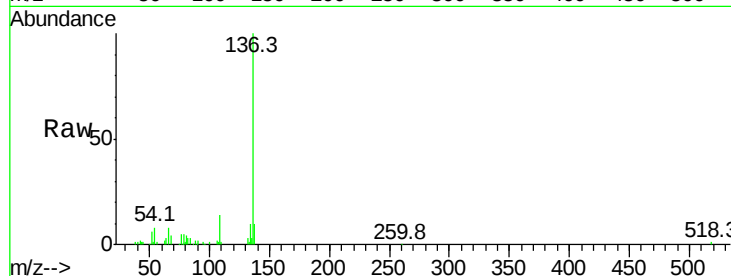
Ion Ratio Lower Upper

136 100

137 9.8 9.2 13.8

54 8.3 10.3 15.5#

68 3.7 4.5 6.7#

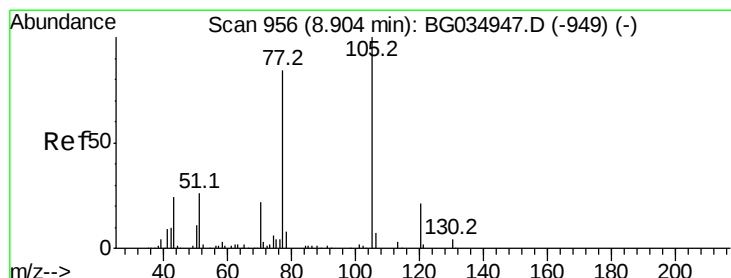
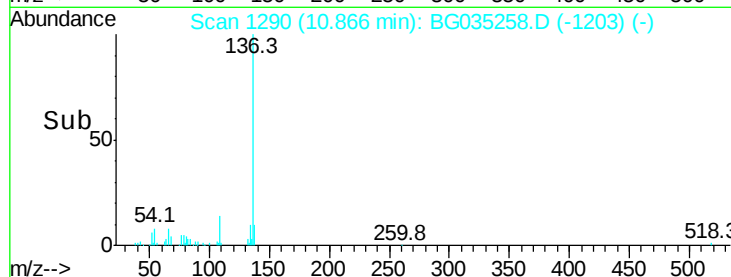
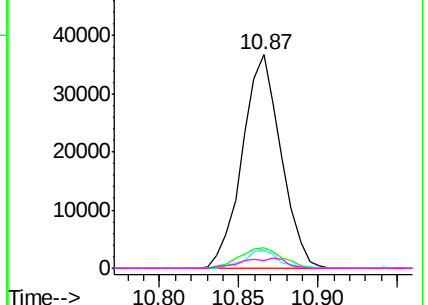


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.772 ng

RT: 8.88 min Scan# 952

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Tgt Ion:105 Resp: 103427

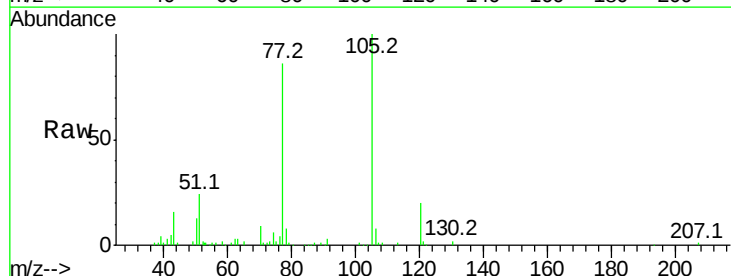
Ion Ratio Lower Upper

105 100

71 1.0 3.0 4.4#

51 23.8 26.1 39.1#

120 19.8 17.4 26.2

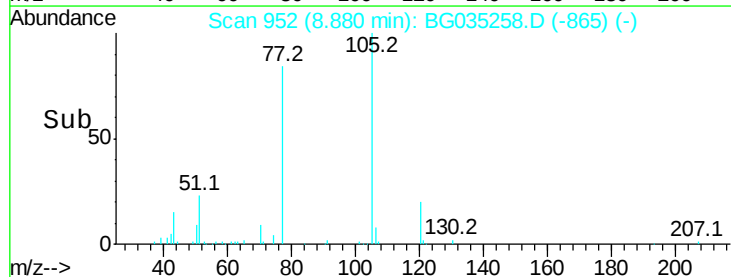
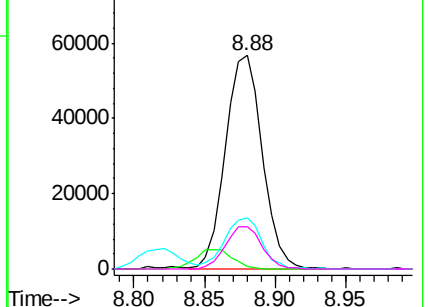


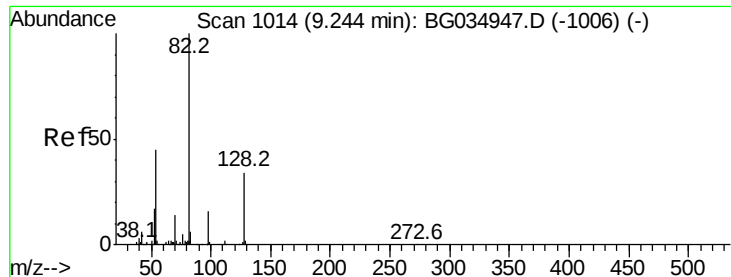
Abundance Ion 105.00 (104.70 to 105.70): E

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

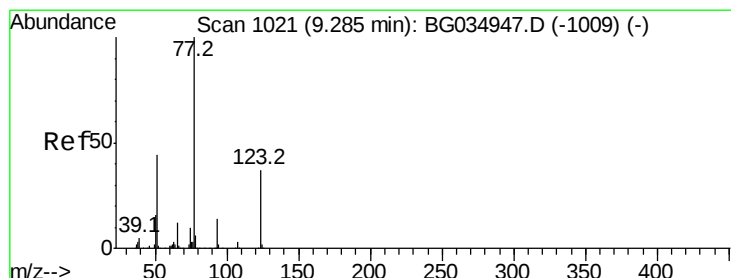
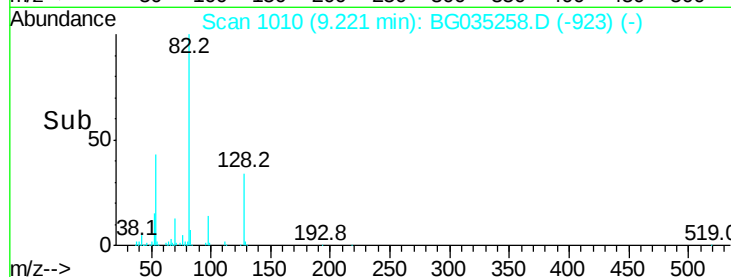
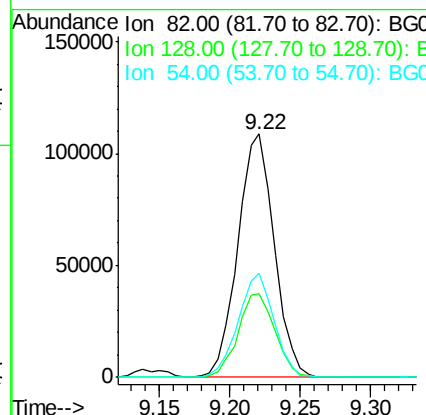
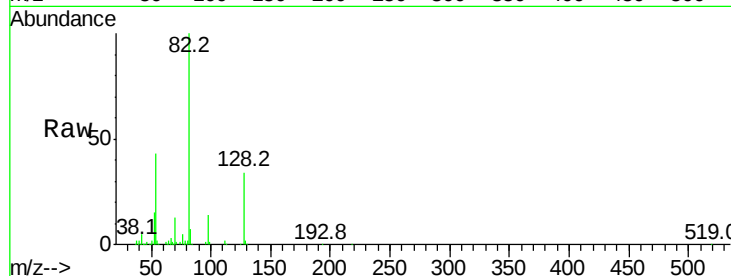




#23
Nitrobenzene-d5
Concen: 150.101 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

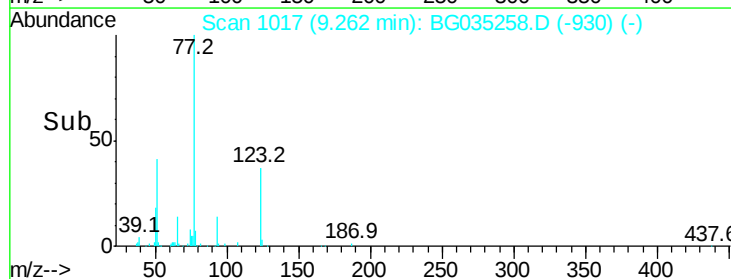
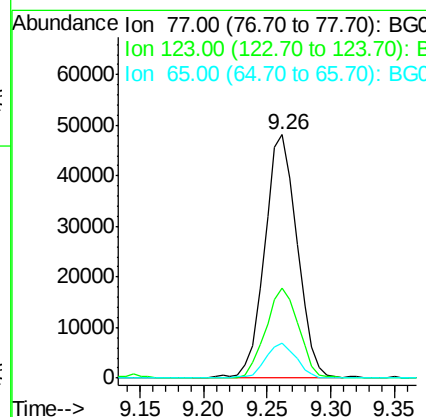
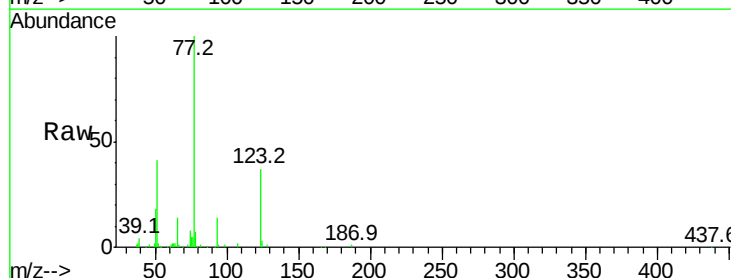
Instrument :
BNA_G
ClientSampled :

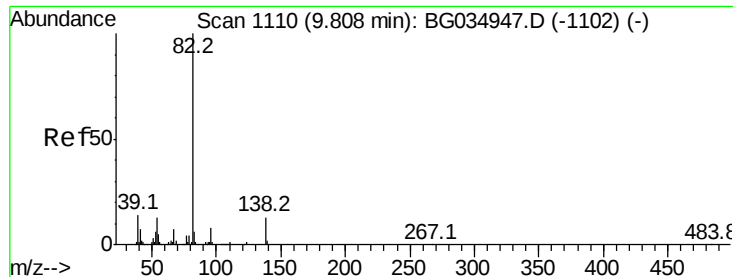
Tot Ion: 82 Resp: 196074
Ion Ratio Lower Upper
82 100
128 34.4 29.7 44.5
54 42.8 43.1 64.7#



#24
Nitrobenzene
Concen: 64.419 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Tgt Ion: 77 Resp: 86169
Ion Ratio Lower Upper
77 100
123 36.7 33.0 49.6
65 14.2 13.0 19.6





#25

Isophorone

Concen: 61.625 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

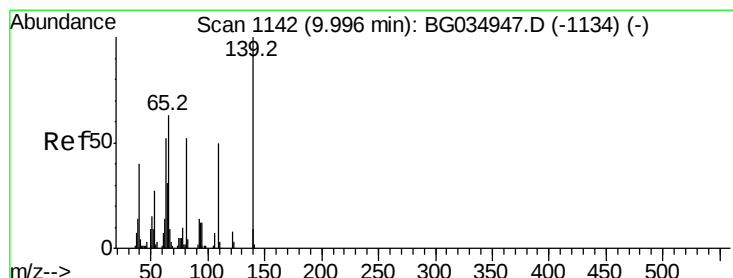
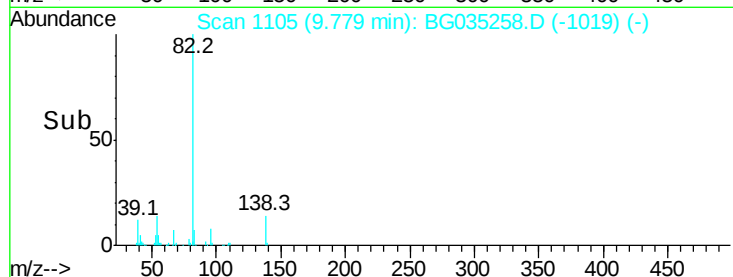
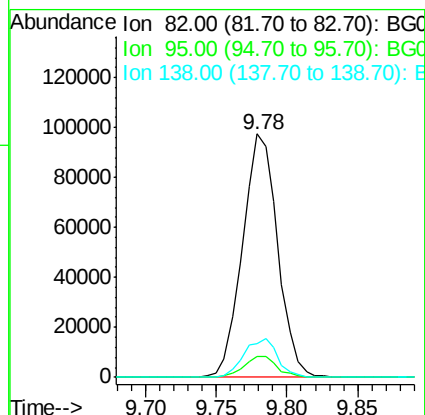
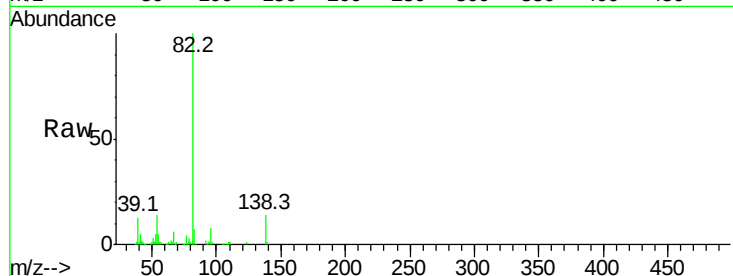
Tot Ion: 82 Resp: 169960

Ion Ratio Lower Upper

82 100

95 8.4 6.2 9.2

138 13.8 12.1 18.1



#26

2-Nitrophenol

Concen: 72.311 ng

RT: 9.97 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

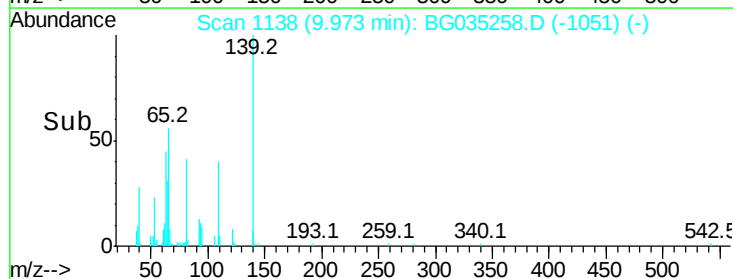
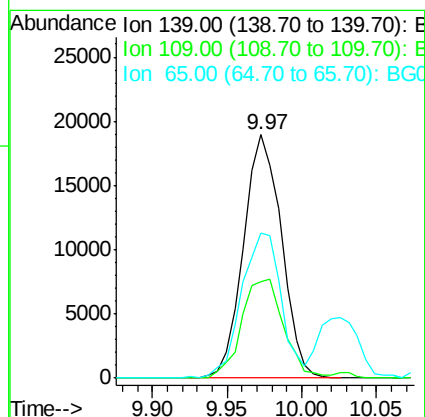
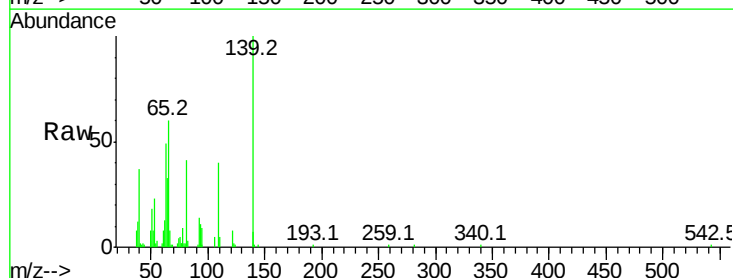
Tgt Ion: 139 Resp: 33341

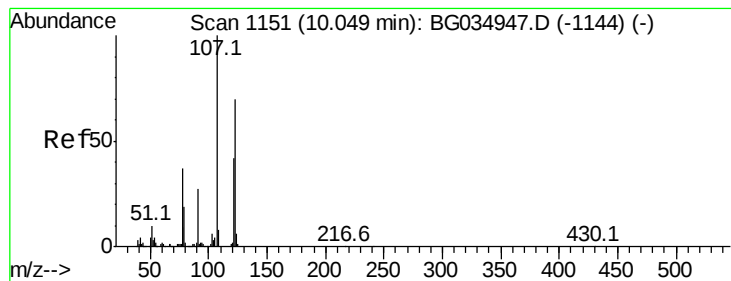
Ion Ratio Lower Upper

139 100

109 39.7 24.2 36.2#

65 59.7 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 72.533 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

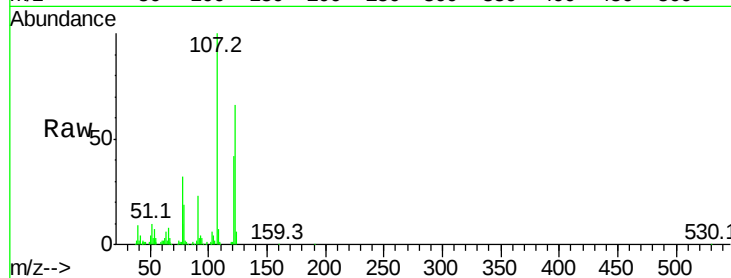
Tot Ion:122 Resp: 70295

Ion Ratio Lower Upper

122 100

107 151.9 100.2 150.2#

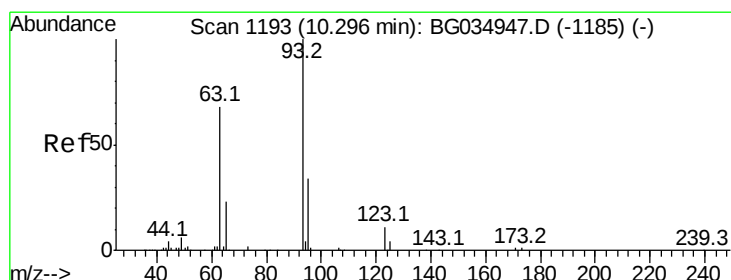
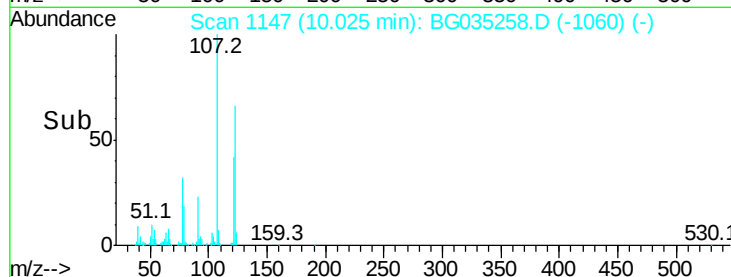
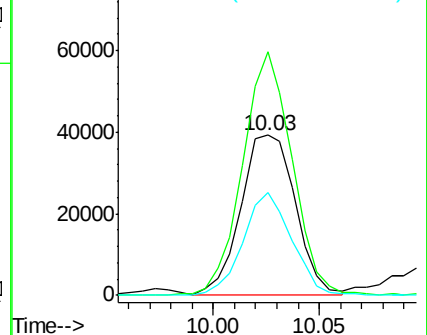
121 64.1 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 58.118 ng

RT: 10.26 min Scan# 1187

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

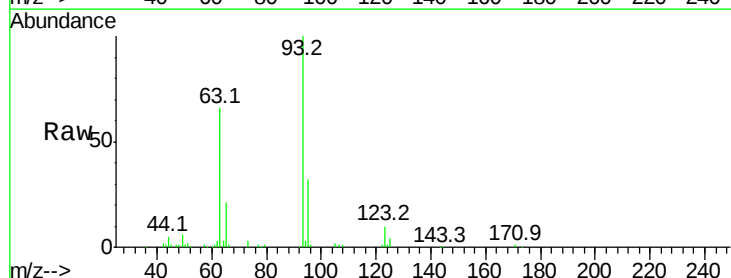
Tgt Ion: 93 Resp: 86136

Ion Ratio Lower Upper

93 100

95 31.8 24.3 36.5

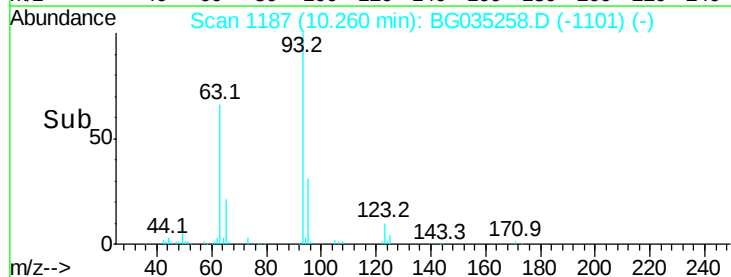
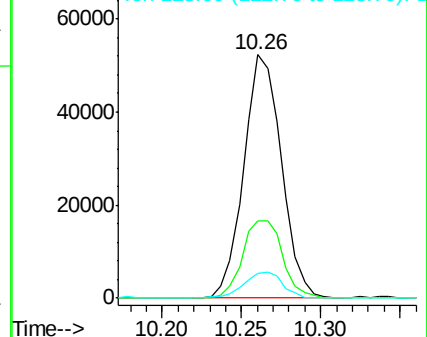
123 10.2 8.4 12.6

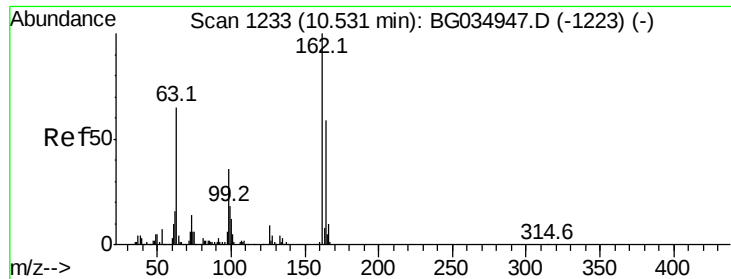


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

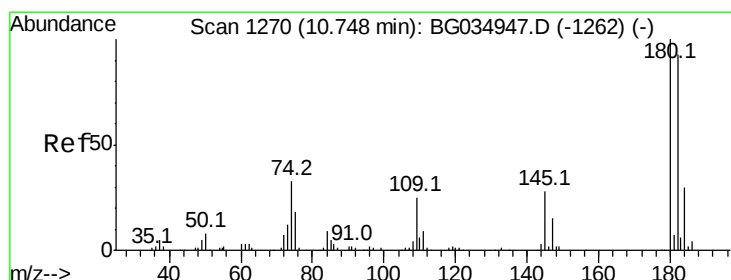
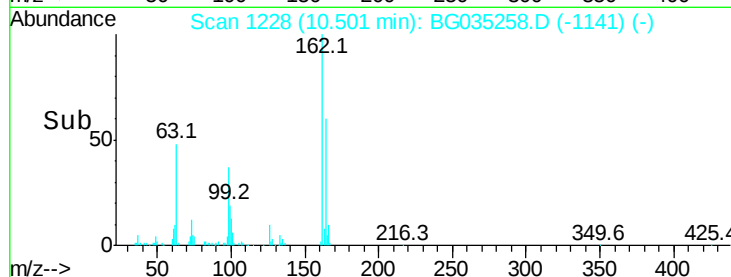
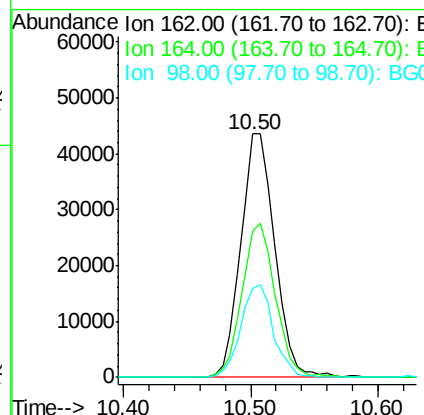
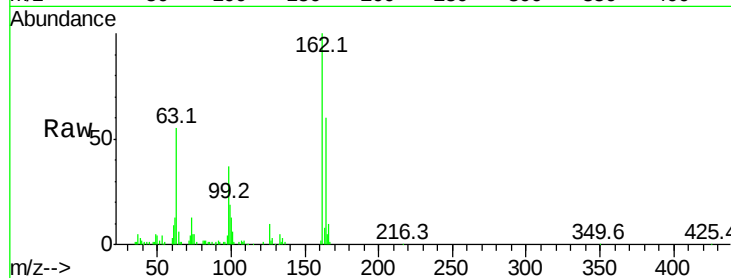




#29
2,4-Dichlorophenol
Concen: 76.677 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

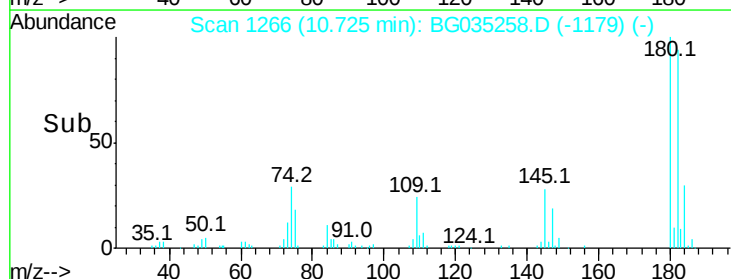
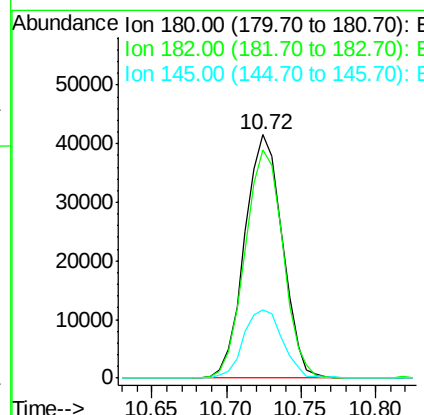
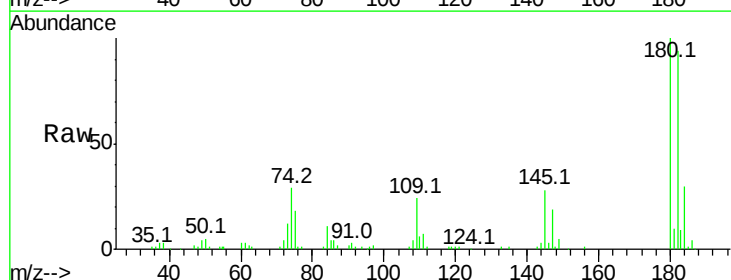
Instrument :
BNA_G
ClientSampleId :

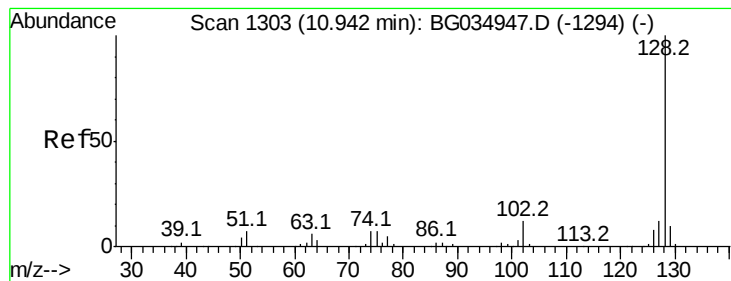
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.3	48.0	88.0
98	36.5	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 57.284 ng
RT: 10.72 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.5	116.3
145	28.2	23.4	35.2

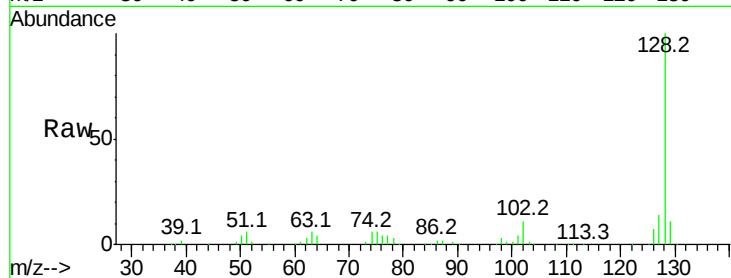




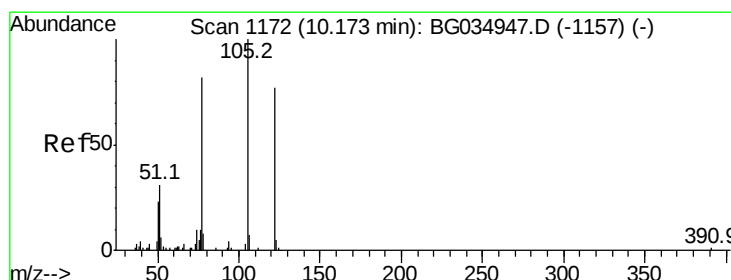
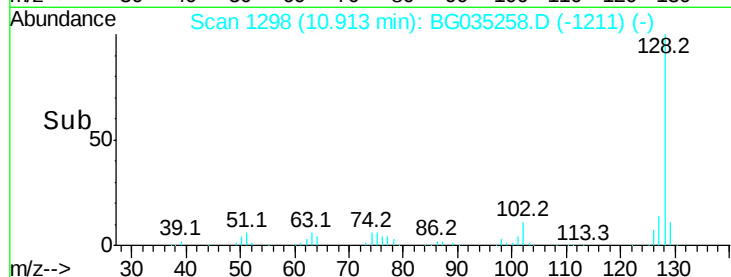
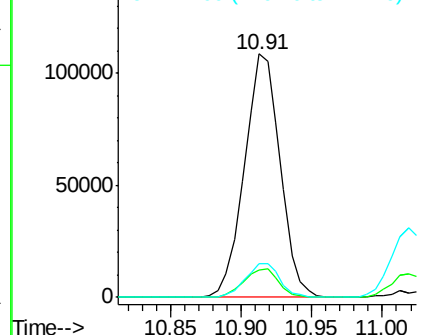
#31
Naphthalene
Concen: 59.552 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 192095
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.7 11.6 17.4

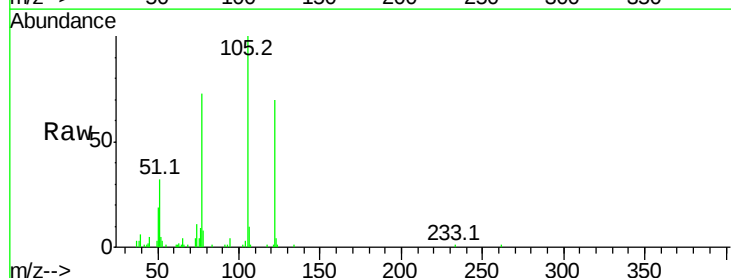


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

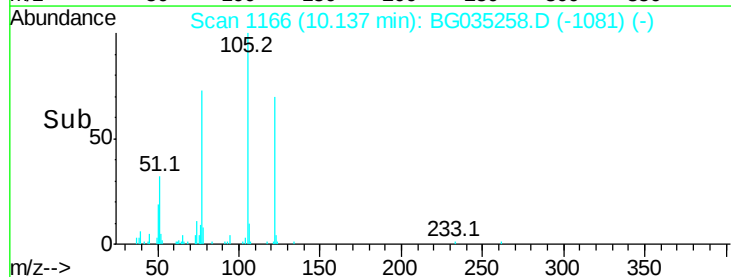
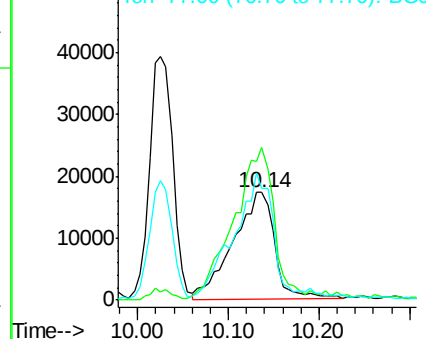


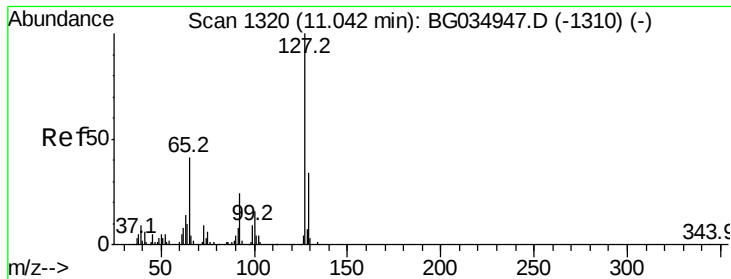
#32
Benzoic acid
Concen: 84.078 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Tgt Ion:122 Resp: 54579
Ion Ratio Lower Upper
122 100
105 142.0 123.5 163.5
77 103.4 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

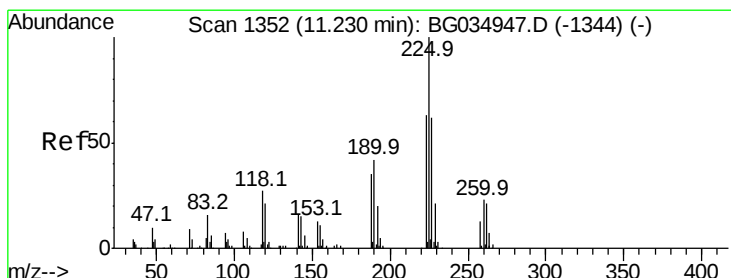
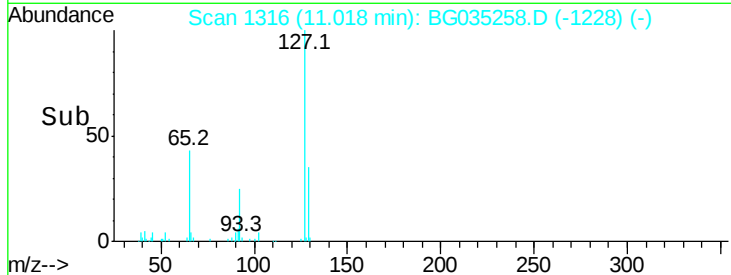
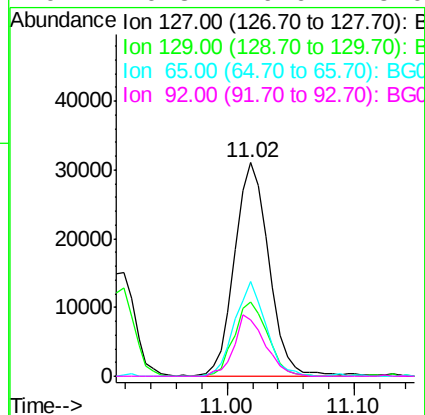
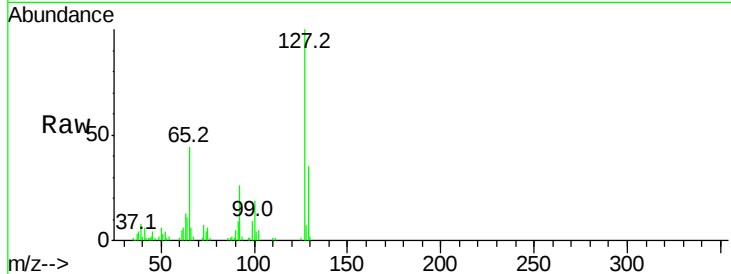




#33
4-Chloroaniline
Concen: 41.584 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

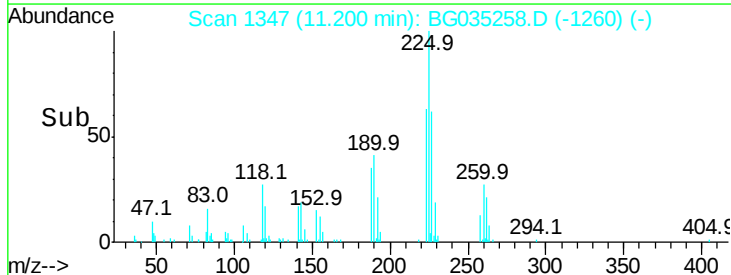
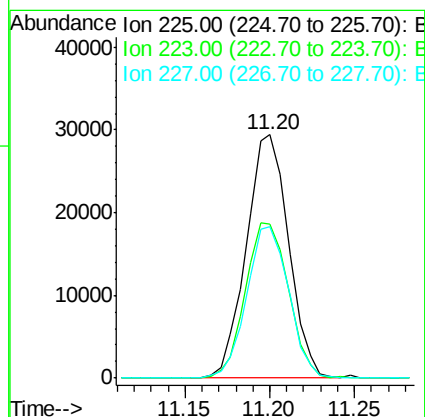
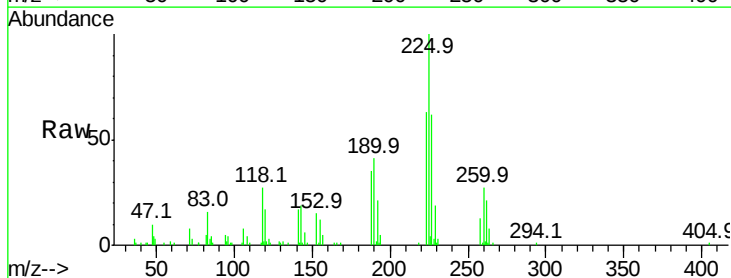
Instrument :
BNA_G
ClientSampled :

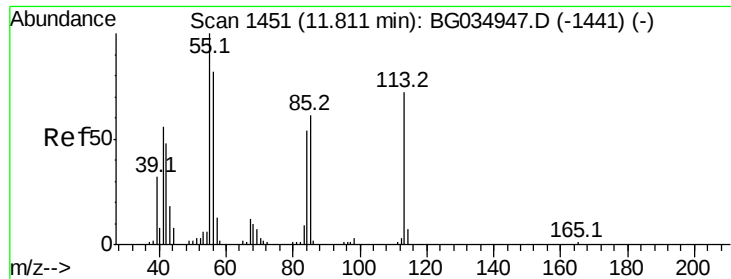
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.6	24.0	36.0
65	44.1	27.0	40.4
92	26.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 52.023 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	62.3	48.1	72.1





#35

Caprolactam

Concen: 43.798 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.03 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

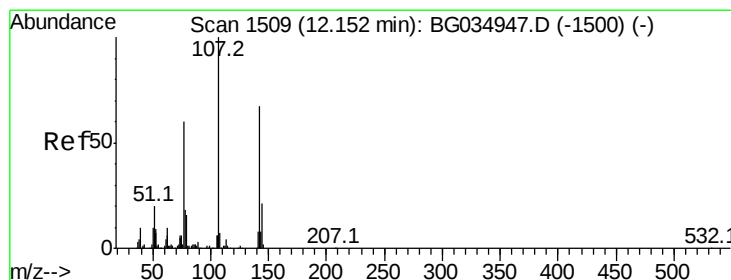
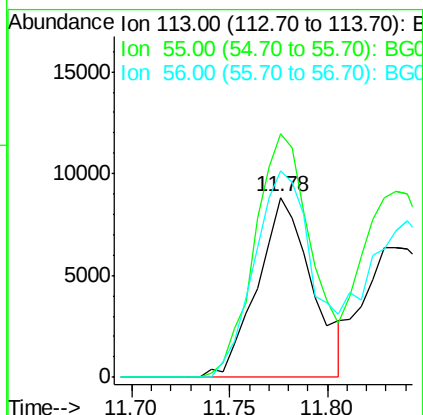
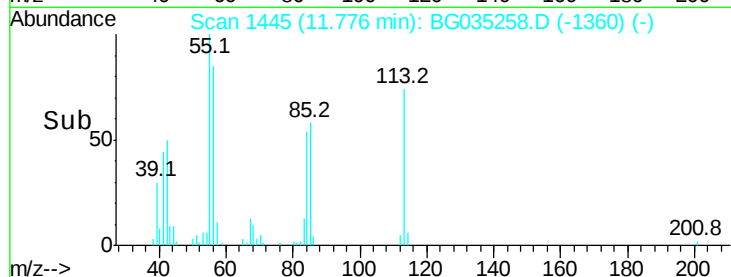
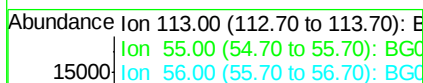
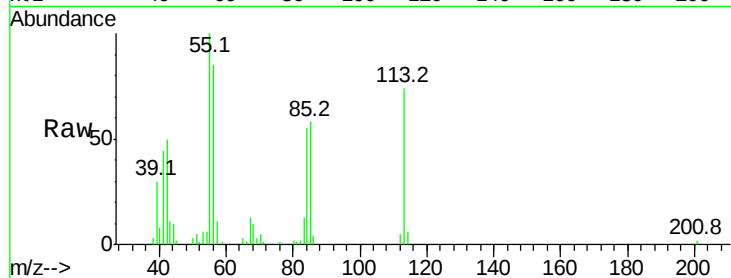
Tot Ion:113 Resp: 17069

Ion Ratio Lower Upper

113 100

55 135.4 186.9 226.9#

56 115.1 130.9 170.9#



#36

4-Chloro-3-methylphenol

Concen: 82.537 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

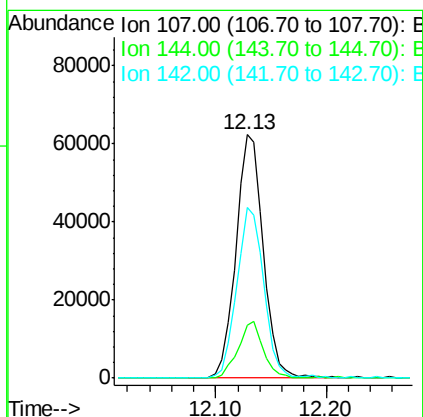
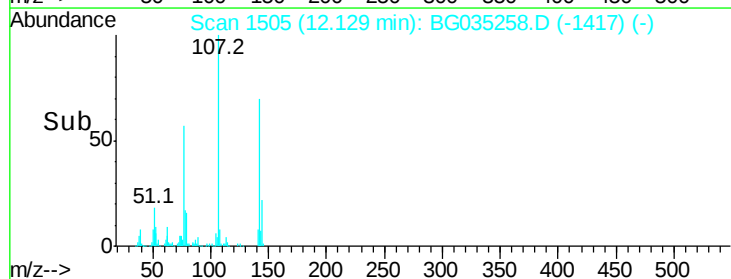
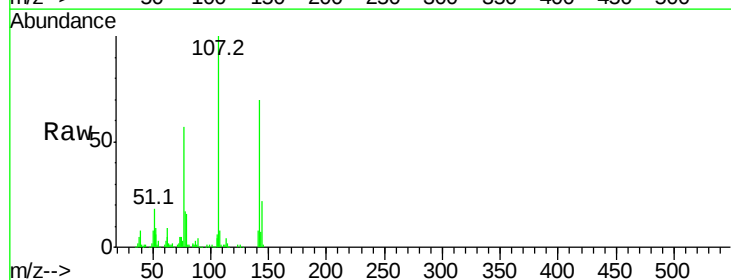
Tgt Ion:107 Resp: 108497

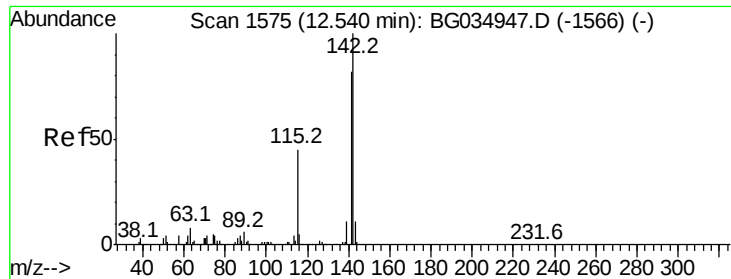
Ion Ratio Lower Upper

107 100

144 21.8 18.2 27.4

142 70.0 59.0 88.4

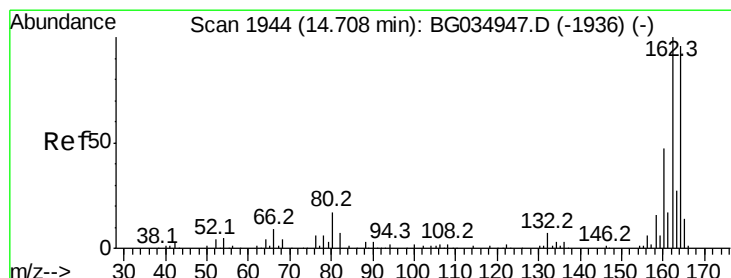
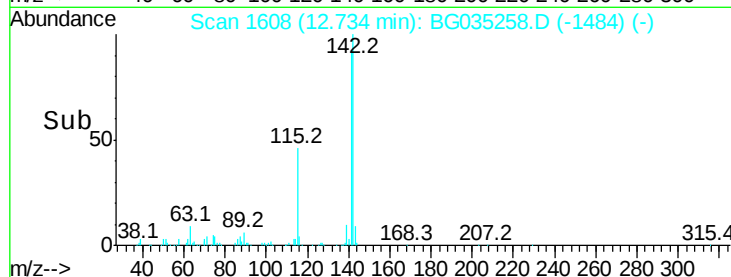
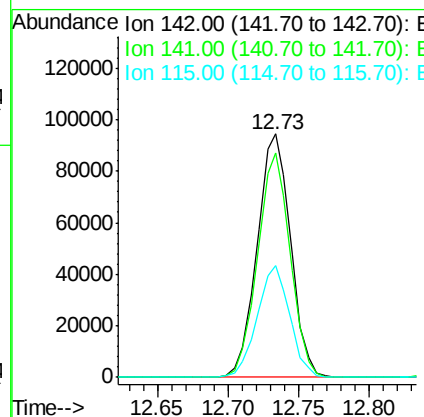
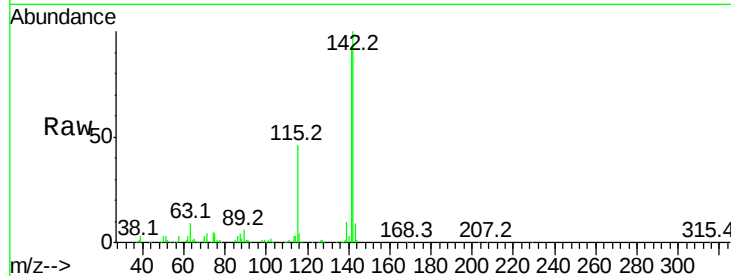




#37
2-Methylnaphthalene
Concen: 63.907 ng
RT: 12.73 min Scan# 1608
Delta R.T. 0.20 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

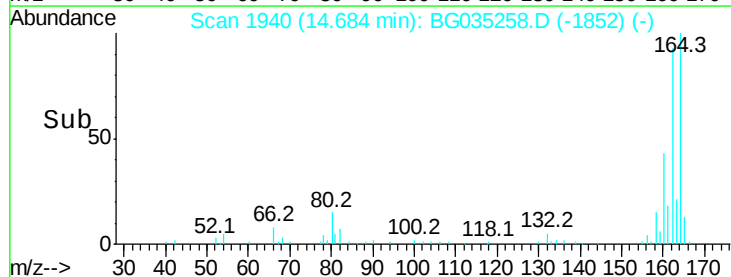
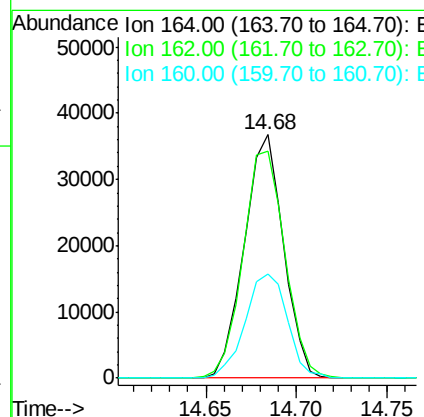
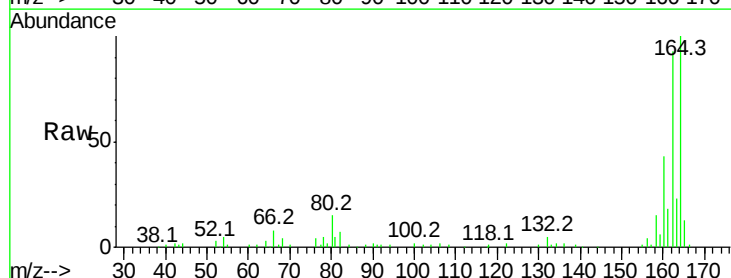
Instrument :
BNA_G
ClientSampleId :

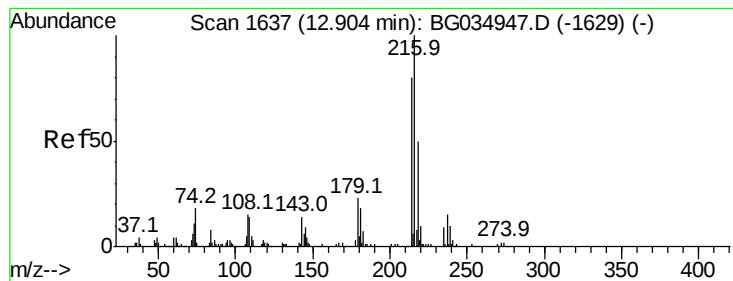
Tot Ion:142 Resp: 156288
Ion Ratio Lower Upper
142 100
141 92.3 67.1 100.7
115 45.9 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Tgt Ion:164 Resp: 55112
Ion Ratio Lower Upper
164 100
162 93.0 78.8 118.2
160 42.8 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.538 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 105798

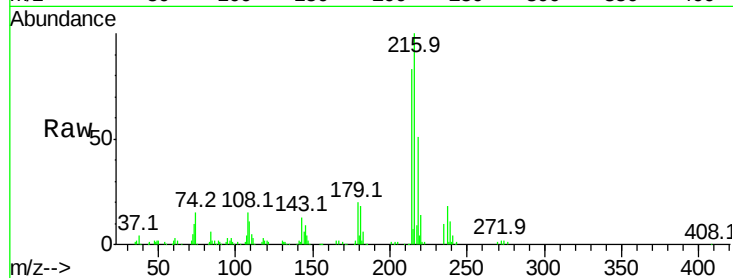
Ion Ratio Lower Upper

216 100

214 81.2 63.0 94.4

179 19.9 17.0 25.6

108 17.1 12.8 19.2

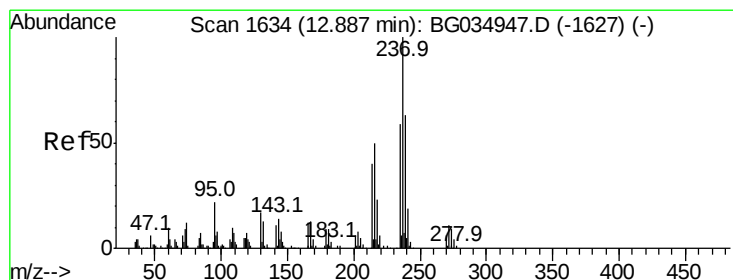
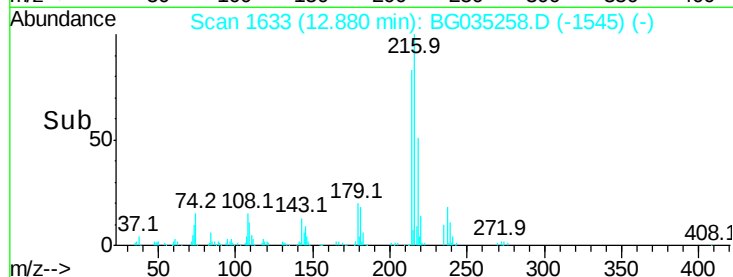
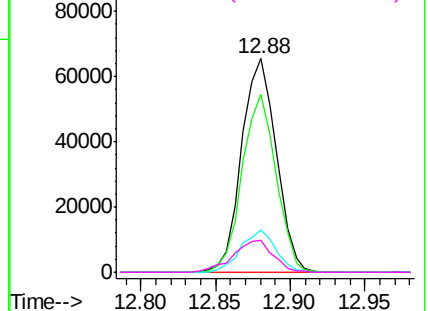


Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.958 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

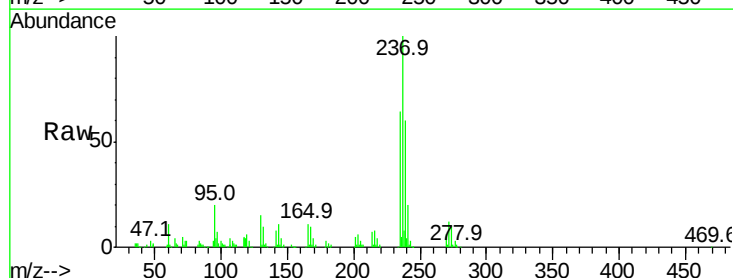
Tgt Ion:237 Resp: 135113

Ion Ratio Lower Upper

237 100

235 63.9 50.4 90.4

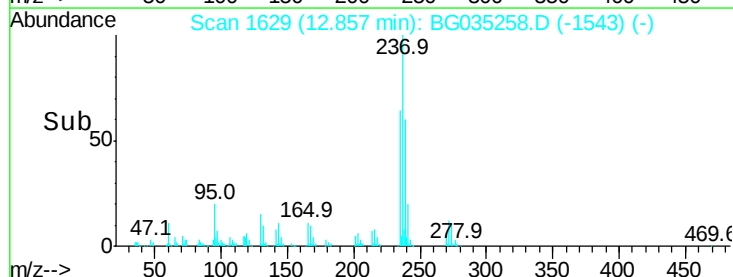
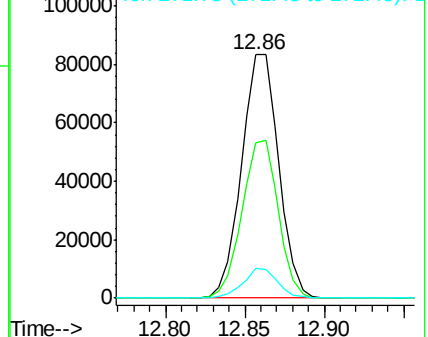
272 12.1 0.0 31.8

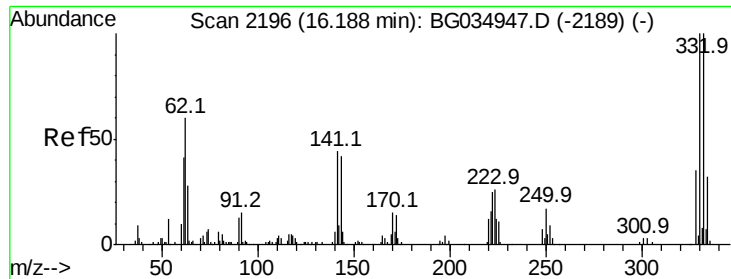


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

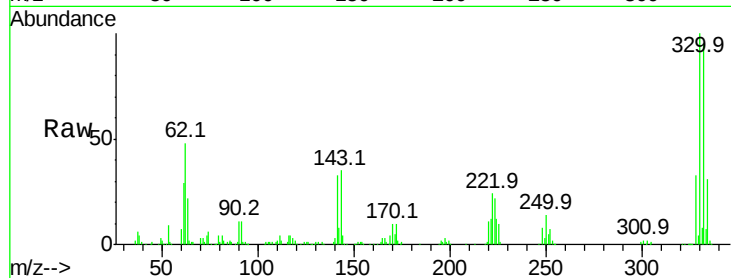




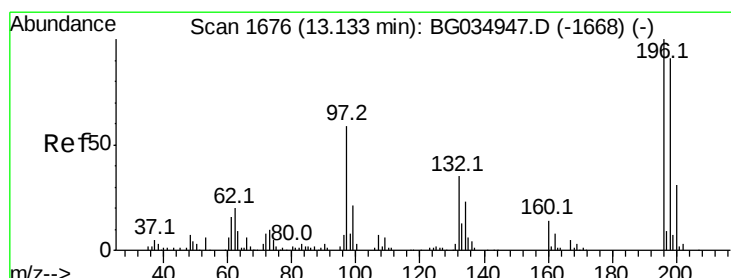
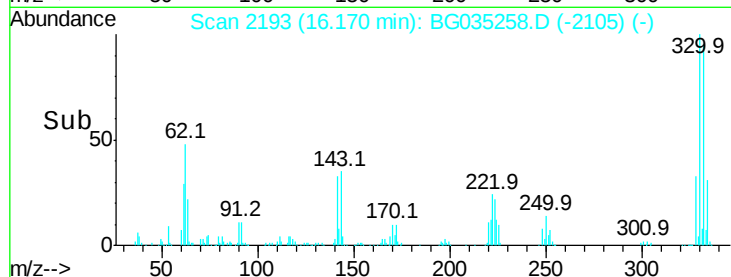
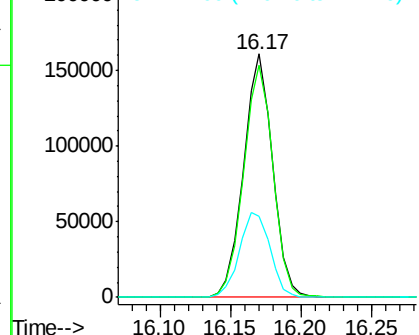
#41
 2,4,6-Tribromophenol
 Concen: 328.008 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 231411
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 37.0 25.2 37.8

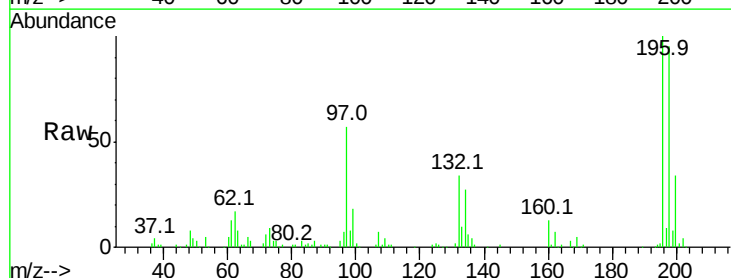


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

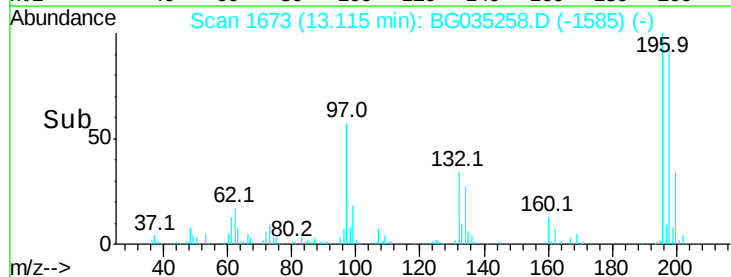
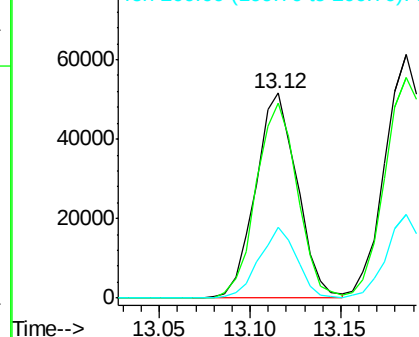


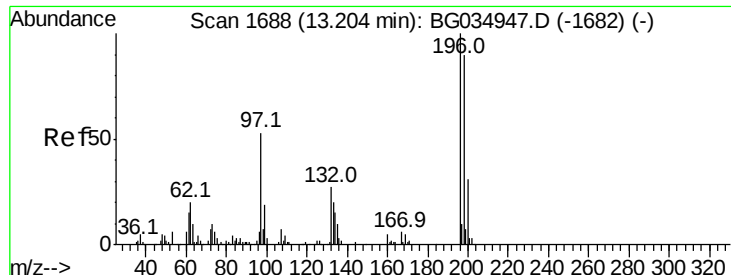
#42
 2,4,6-Trichlorophenol
 Concen: 67.034 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

Tgt Ion:196 Resp: 82397
 Ion Ratio Lower Upper
 196 100
 198 95.2 78.2 117.2
 200 34.5 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

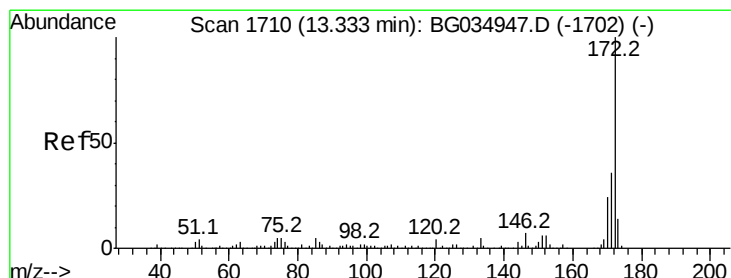
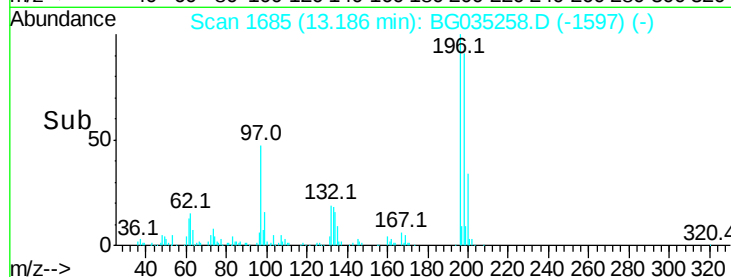
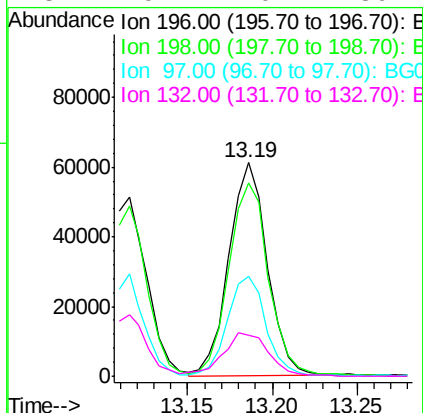
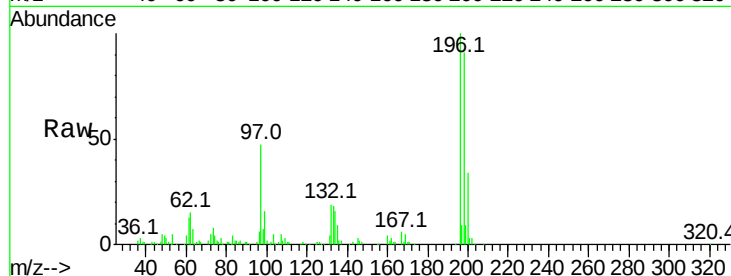




#43
 2,4,5-Trichlorophenol
 Concen: 71.487 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

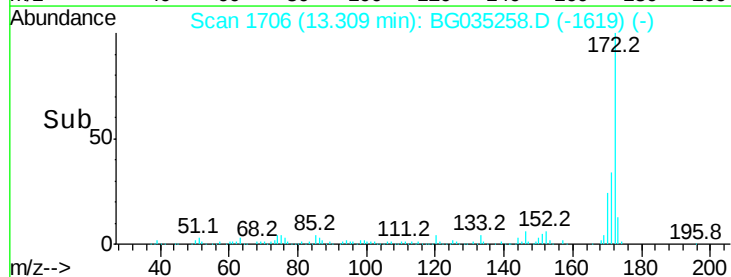
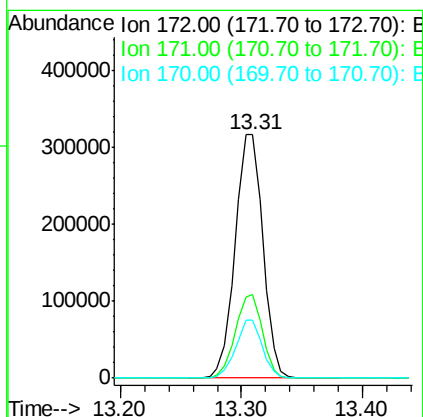
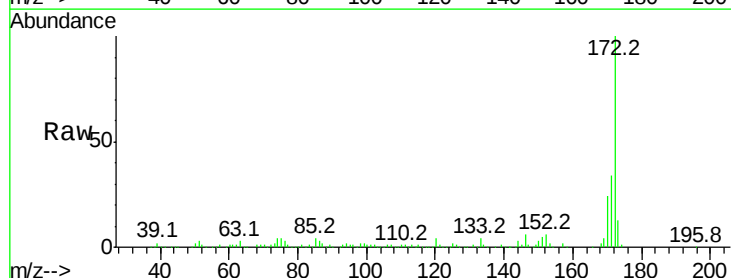
Instrument :
 BNA_G
 ClientSampleId :

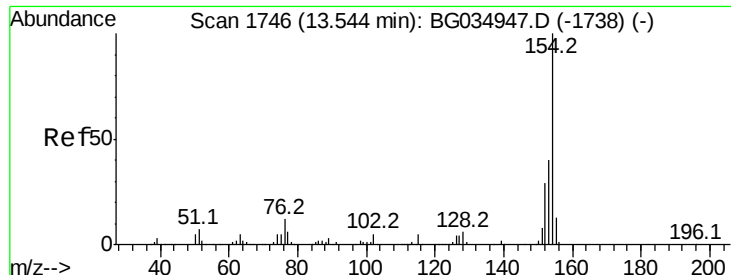
Tot Ion:196 Resp: 96445
 Ion Ratio Lower Upper
 196 100
 198 90.6 76.2 114.4
 97 46.8 38.7 58.1
 132 19.1 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 119.642 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

Tgt Ion:172 Resp: 507209
 Ion Ratio Lower Upper
 172 100
 171 34.2 30.0 45.0
 170 23.6 19.5 29.3





#45

1,1'-Biphenyl

Concen: 52.402 ng

RT: 13.51 min Scan# 1741

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

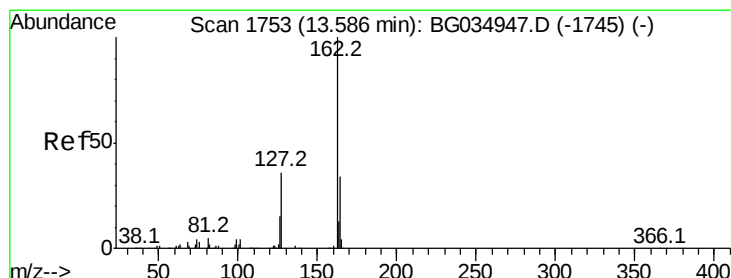
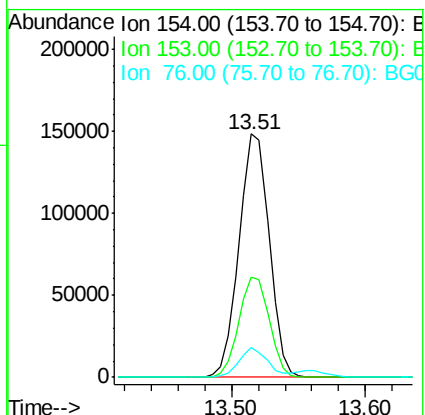
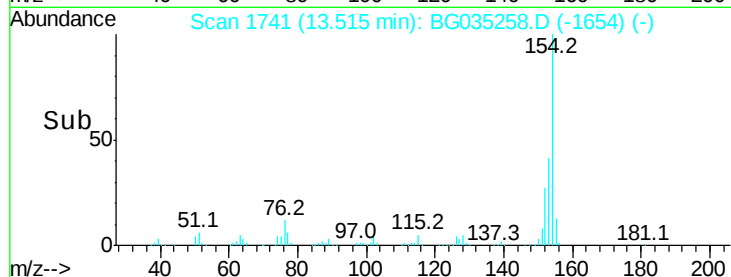
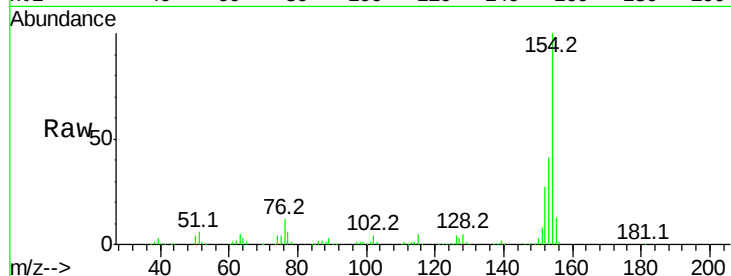
Tot Ion:154 Resp: 232221

Ion Ratio Lower Upper

154 100

153 41.1 19.8 59.8

76 12.2 0.0 31.9



#46

2-Chloronaphthalene

Concen: 54.563 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

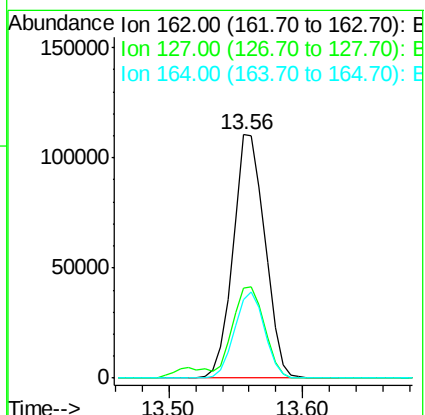
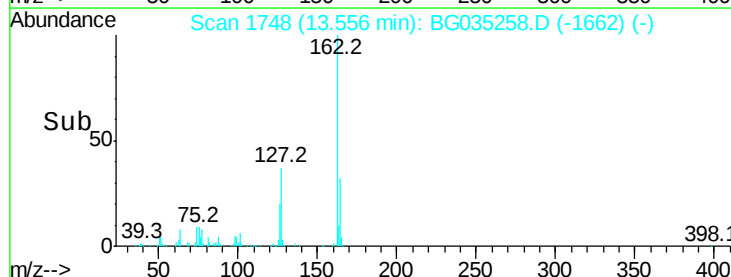
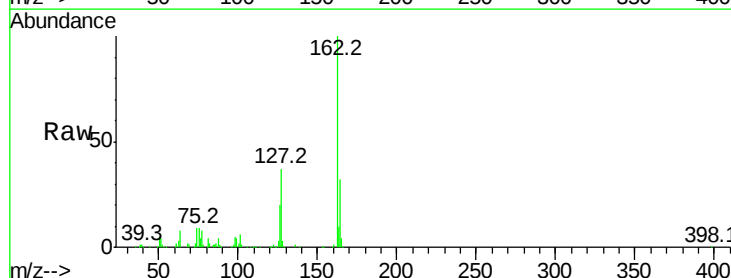
Tgt Ion:162 Resp: 182816

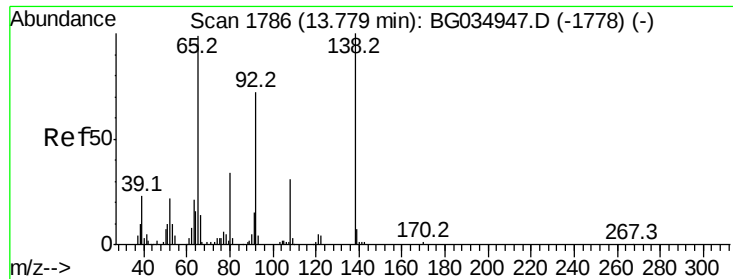
Ion Ratio Lower Upper

162 100

127 37.0 30.7 46.1

164 32.5 26.0 39.0





#47

2-Nitroaniline

Concen: 81.137 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

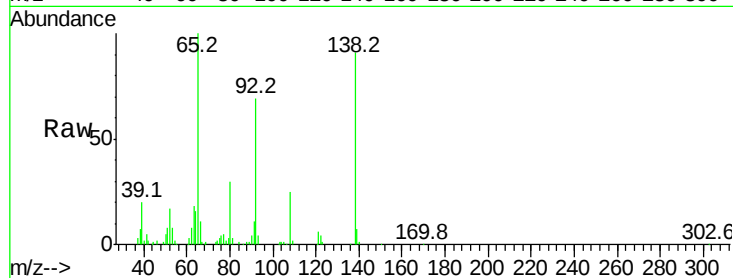
Tot Ion: 65 Resp: 80276

Ion Ratio Lower Upper

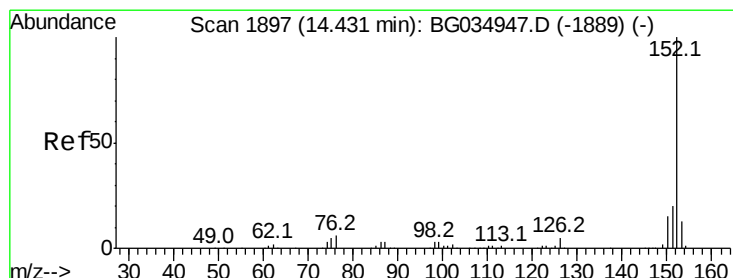
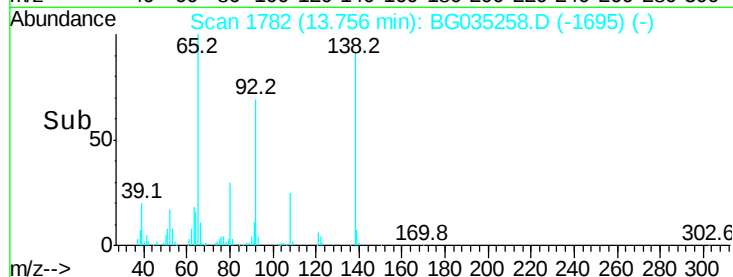
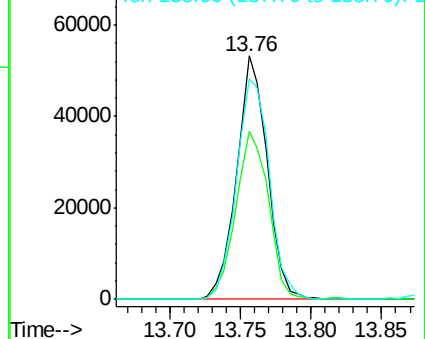
65 100

92 69.2 54.6 82.0

138 90.6 72.9 109.3



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



#48

Acenaphthylene

Concen: 58.667 ng

RT: 14.41 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

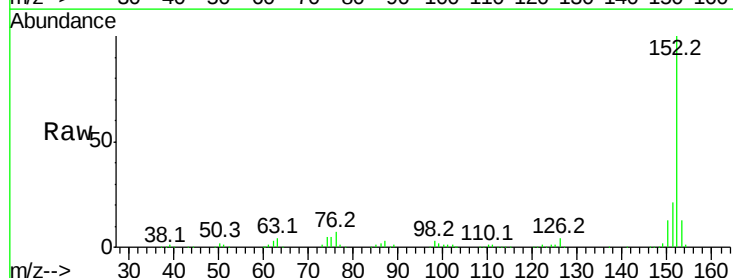
Tgt Ion: 152 Resp: 329598

Ion Ratio Lower Upper

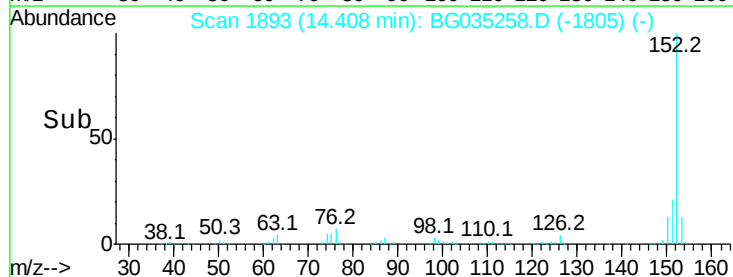
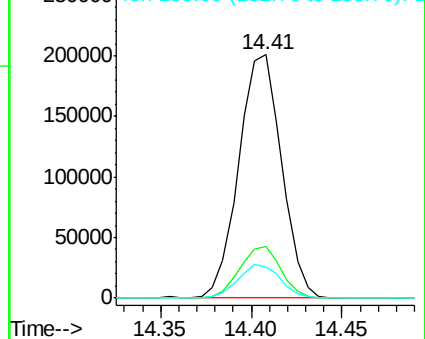
152 100

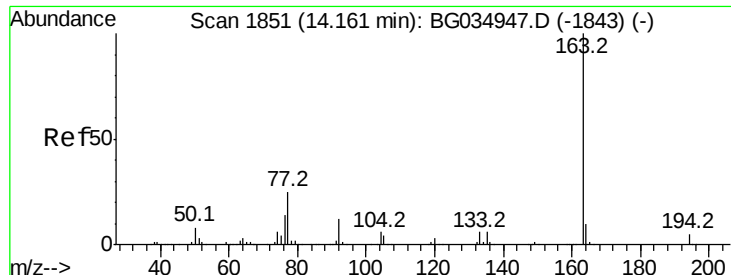
151 21.3 17.2 25.8

153 12.6 10.2 15.4



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

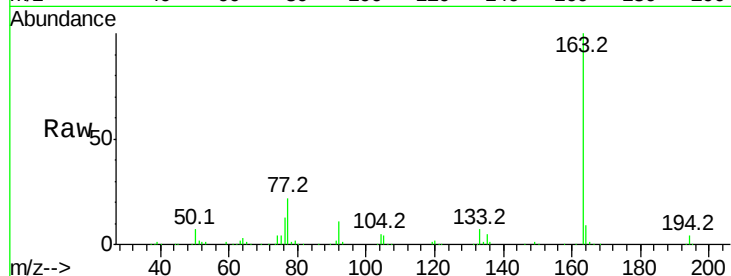




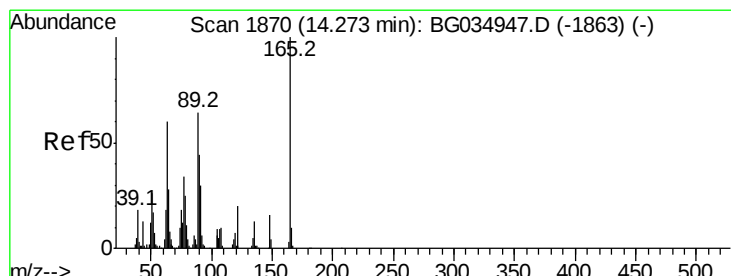
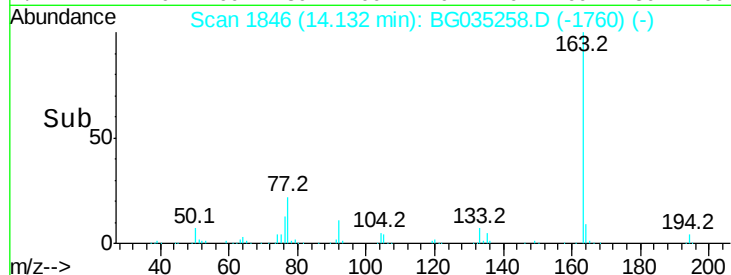
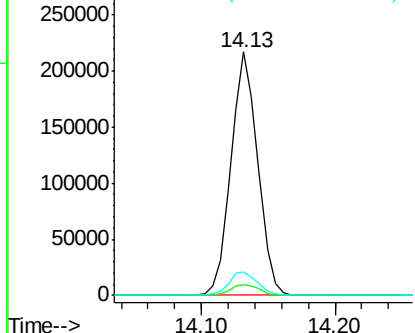
#49
Dimethylphthalate
Concen: 63.003 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 302786
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.4 8.2 12.4

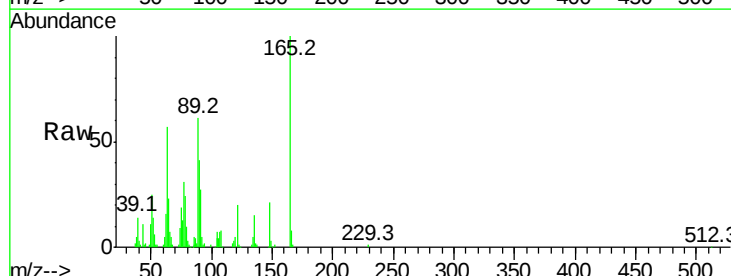


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

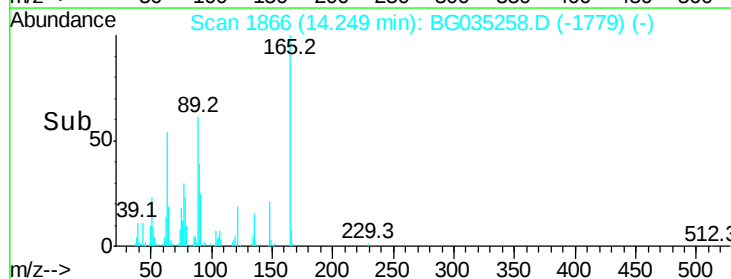
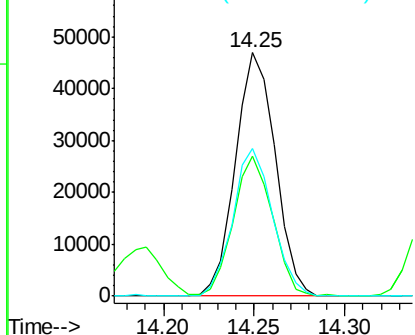


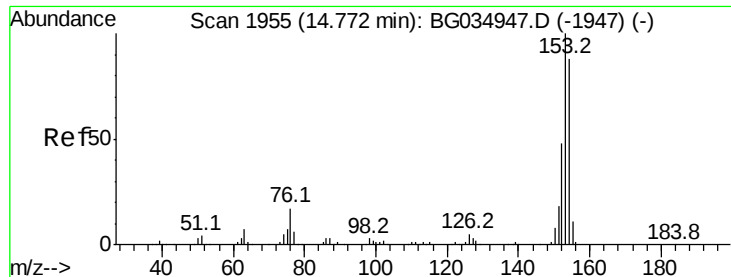
#50
2,6-Dinitrotoluene
Concen: 82.026 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Tgt Ion:165 Resp: 71917
Ion Ratio Lower Upper
165 100
63 57.3 52.7 79.1
89 60.6 49.2 73.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 53.608 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

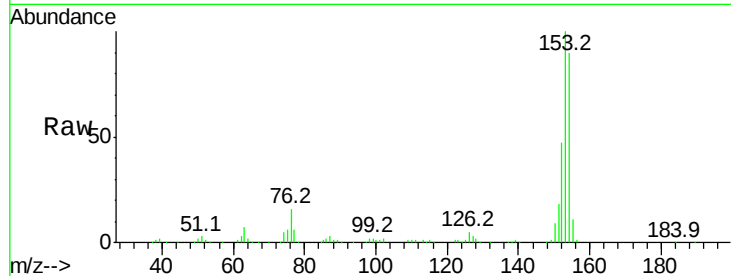
Tot Ion:154 Resp: 196780

Ion Ratio Lower Upper

154 100

153 111.2 90.4 135.6

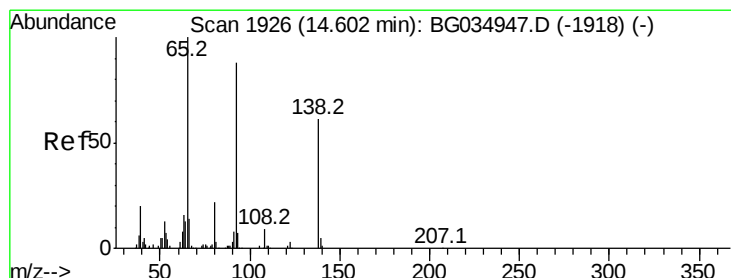
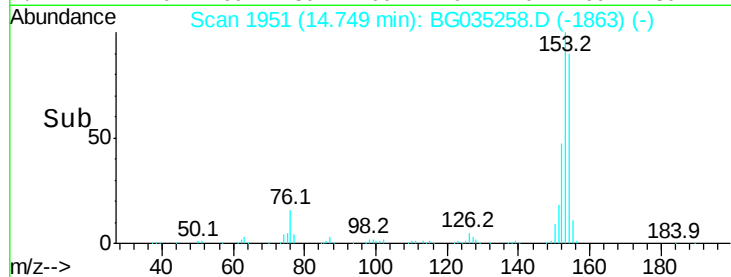
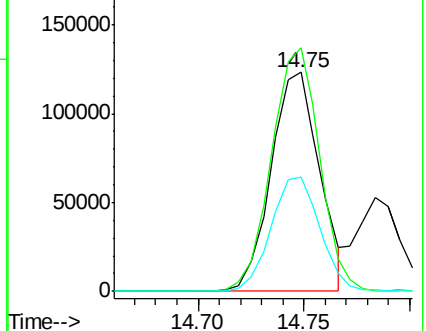
152 52.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 71.462 ng

RT: 14.58 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

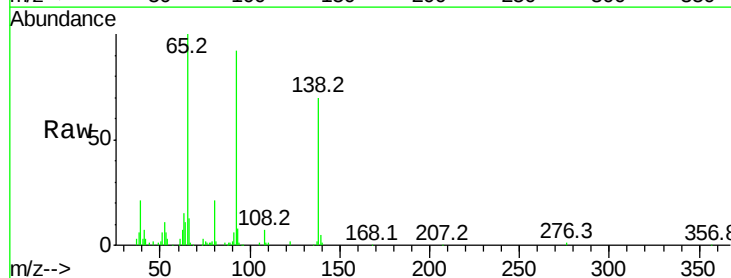
Tgt Ion:138 Resp: 61481

Ion Ratio Lower Upper

138 100

108 9.4 17.5 26.3#

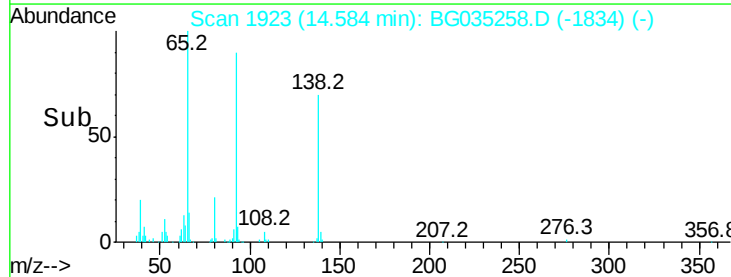
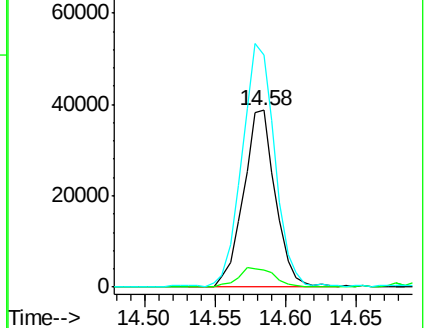
92 131.2 105.8 158.8

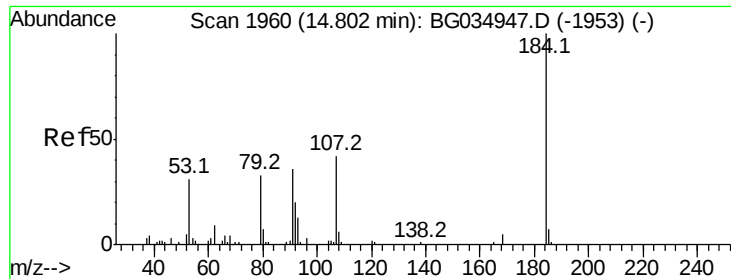


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

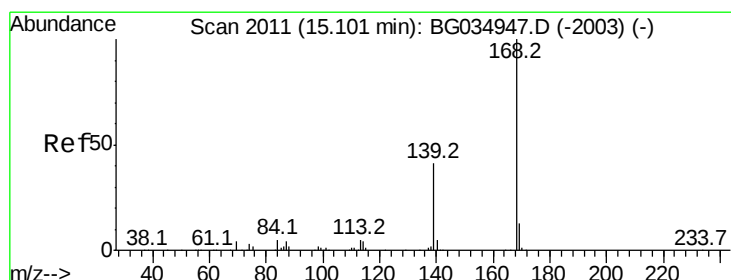
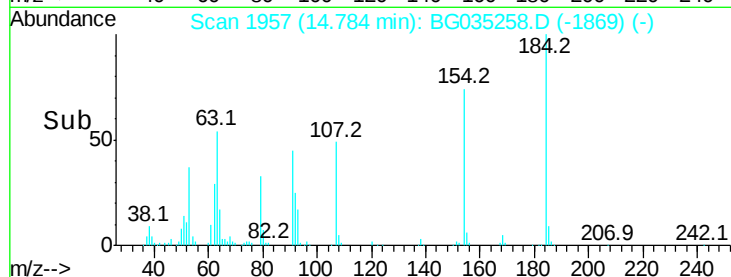
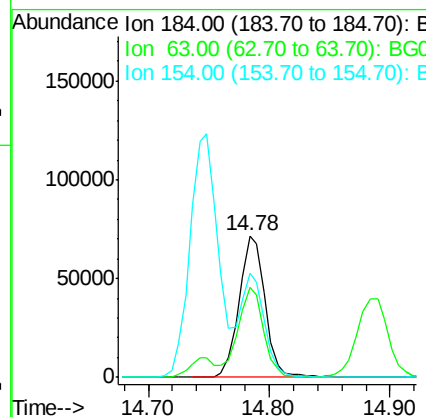
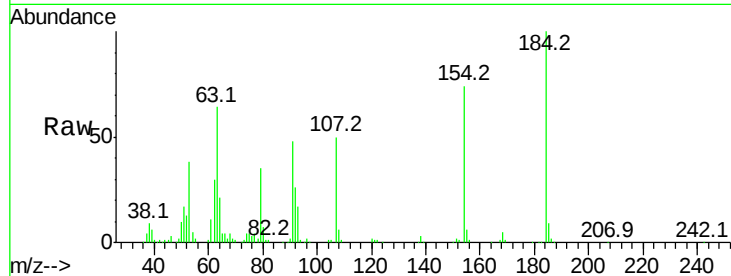




#53
2,4-Dinitrophenol
Concen: 302.343 ng
RT: 14.78 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

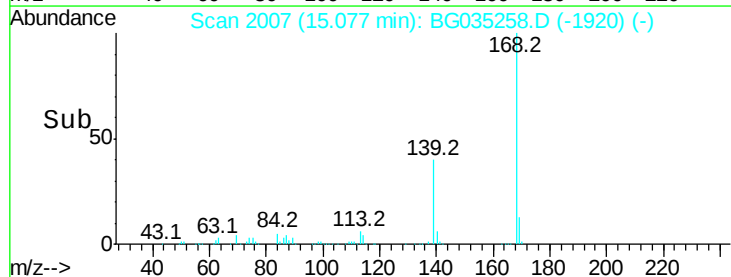
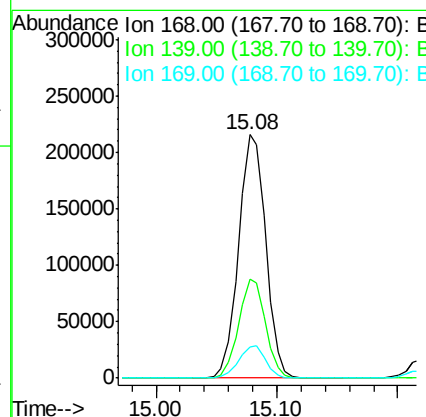
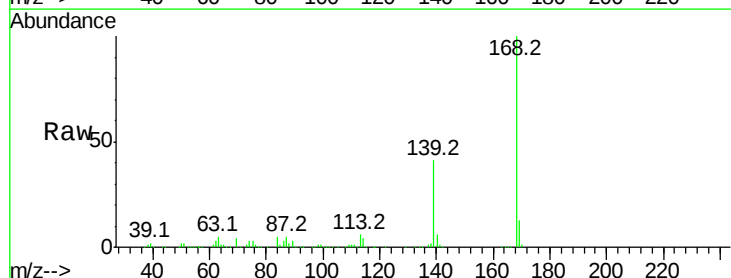
Instrument :
BNA_G
ClientSampled :

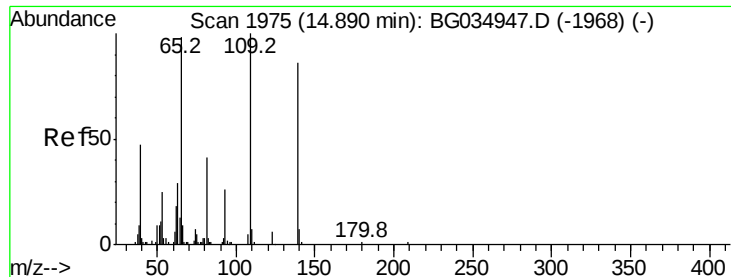
Tot Ion:184 Resp: 107281
Ion Ratio Lower Upper
184 100
63 63.5 59.8 89.8
154 73.7 101.8 152.8#



#54
Dibenzofuran
Concen: 61.371 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Tgt Ion:168 Resp: 337396
Ion Ratio Lower Upper
168 100
139 40.7 28.6 43.0
169 12.8 11.2 16.8





#55

4-Nitrophenol

Concen: 280.429 ng

RT: 14.89 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

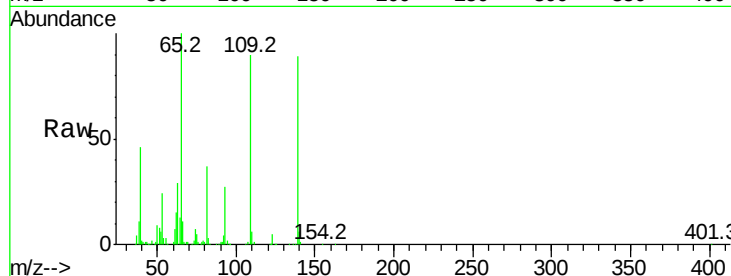
Tot Ion:139 Resp: 203618

Ion Ratio Lower Upper

139 100

109 101.8 62.2 102.2

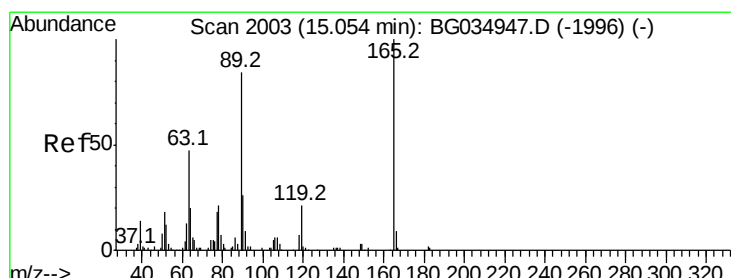
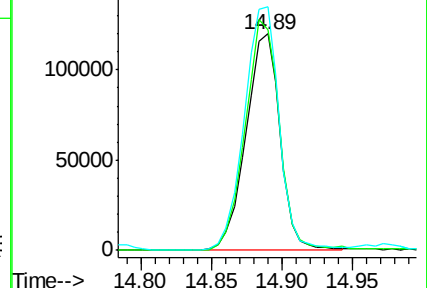
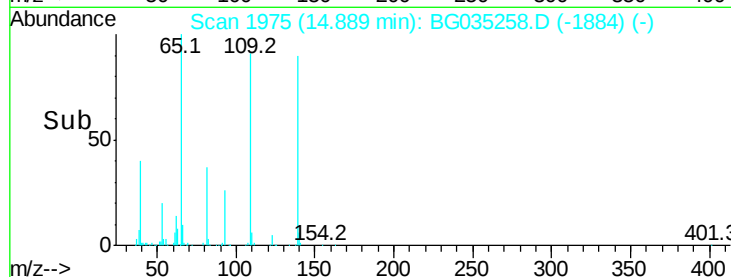
65 112.5 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 108.984 ng

RT: 15.04 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Tgt Ion:165 Resp: 126932

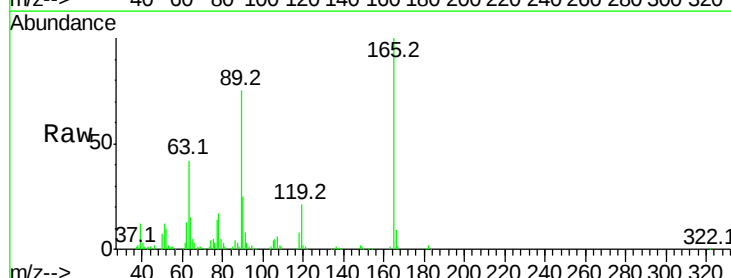
Ion Ratio Lower Upper

165 100

63 42.5 42.0 63.0

89 75.4 66.9 100.3

182 2.2 2.6 3.8#

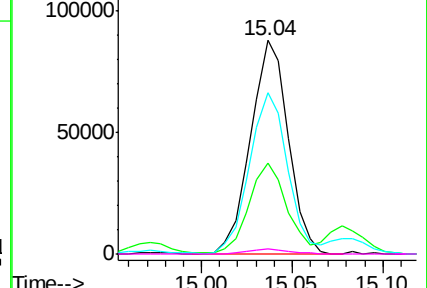
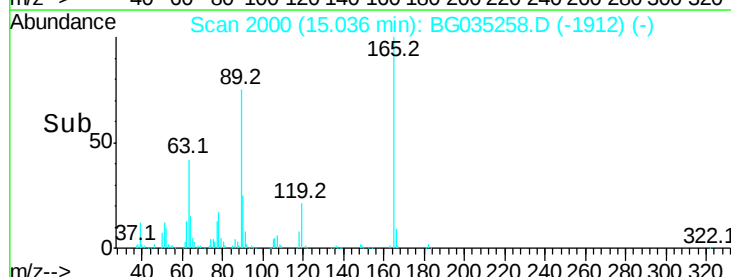


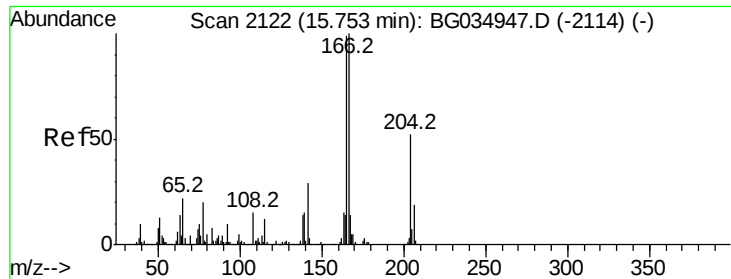
Abundance Ion 165.00 (164.70 to 165.70): E

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: 65.317 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampled :

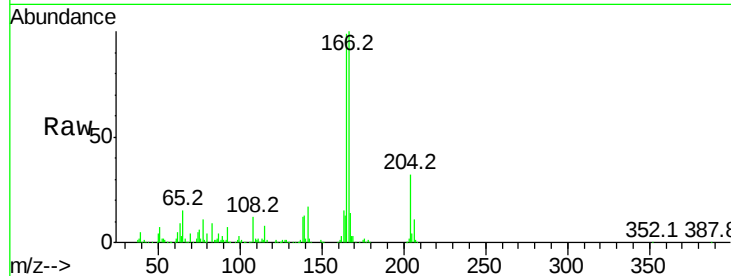
Tot Ion:166 Resp: 300104

Ion Ratio Lower Upper

166 100

165 99.1 80.6 121.0

167 14.1 10.4 15.6

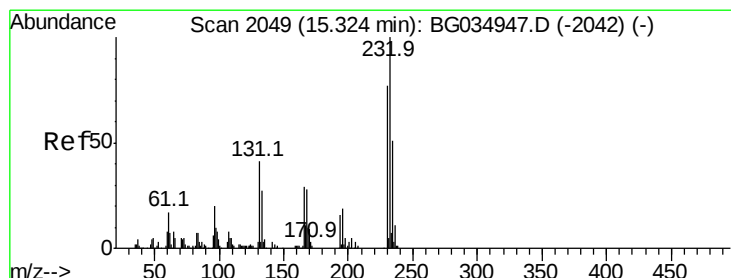
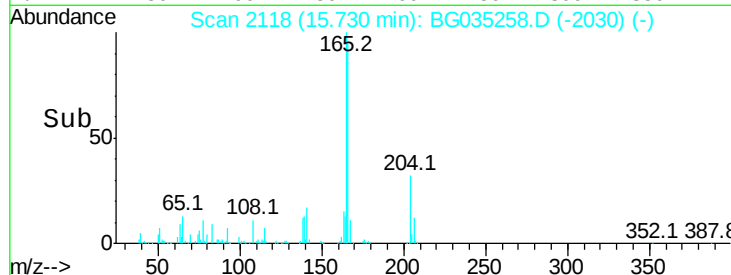
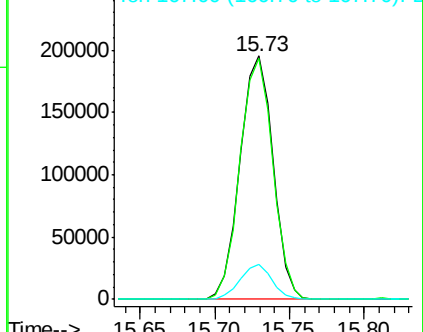


Abundance

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: 89.649 ng

RT: 15.30 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Tgt Ion:232 Resp: 117496

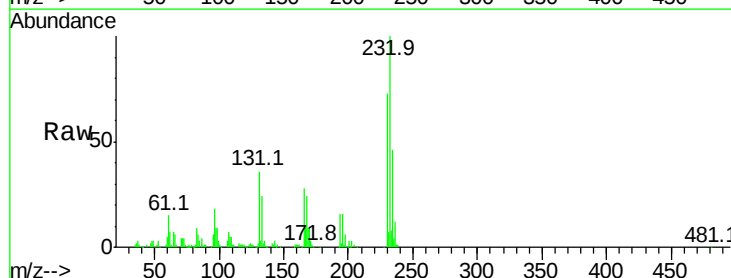
Ion Ratio Lower Upper

232 100

131 37.5 33.5 50.3

130 2.5 2.2 3.2

166 28.9 24.8 37.2



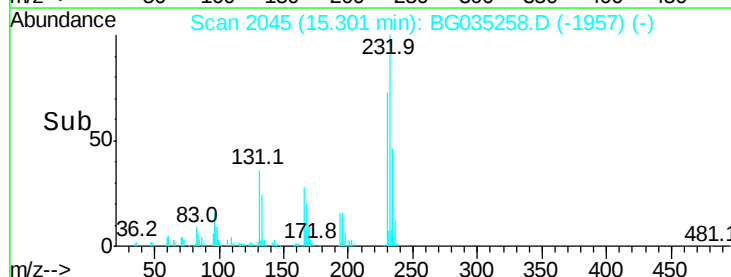
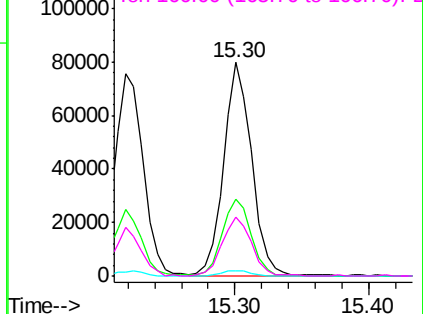
Abundance

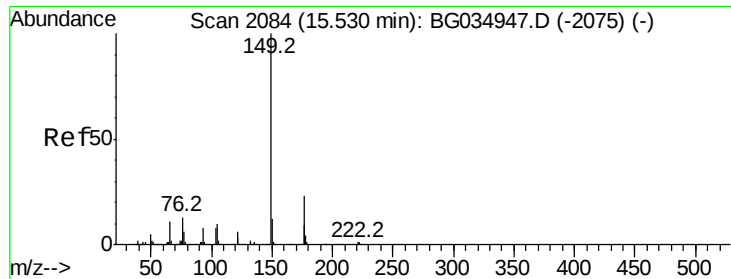
Ion 232.00 (231.70 to 232.70): E

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

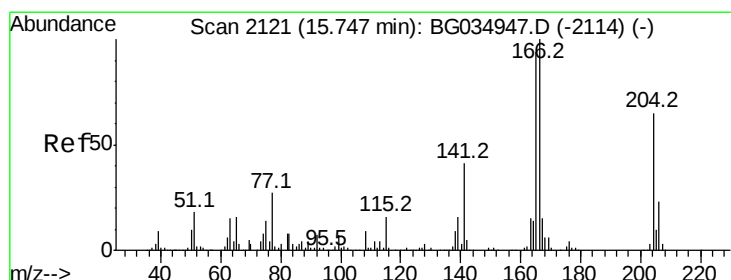
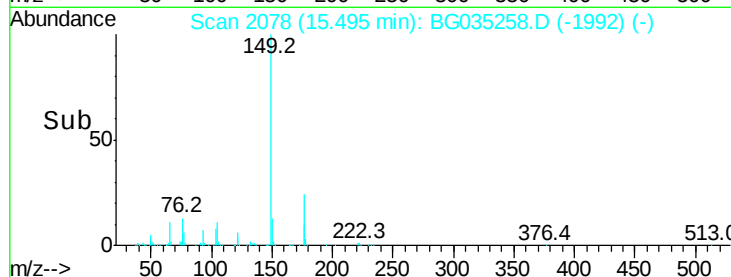
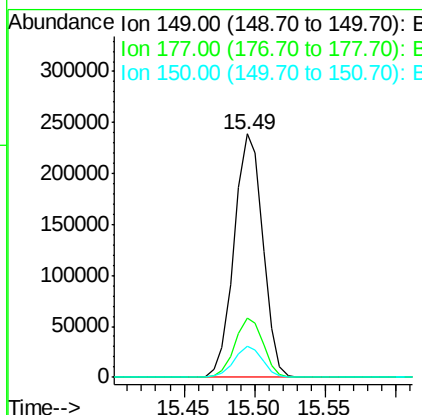
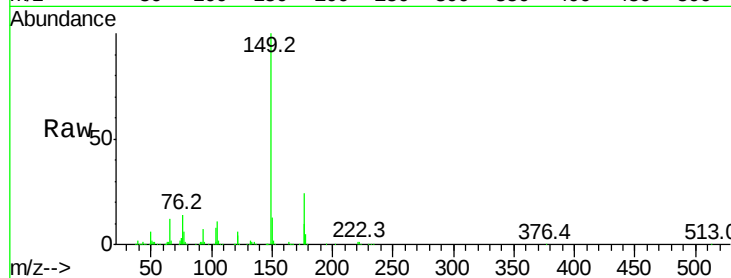




#59
Diethylphthalate
Concen: 69.044 ng
RT: 15.49 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

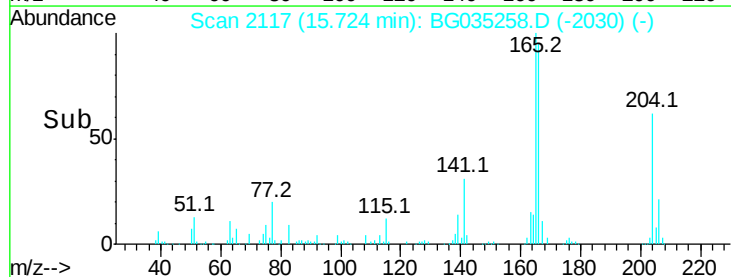
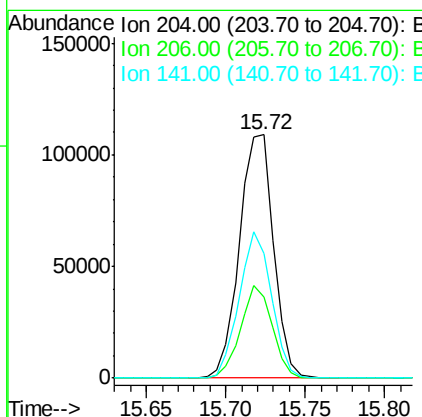
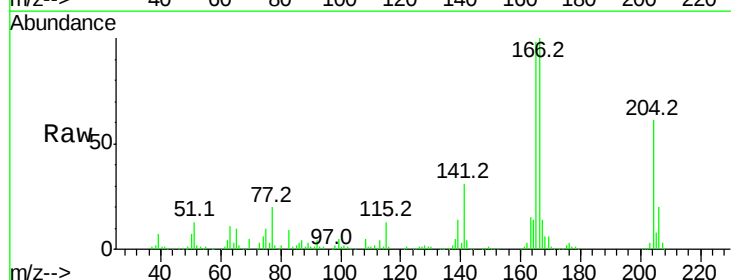
Instrument :
BNA_G
ClientSampleId :

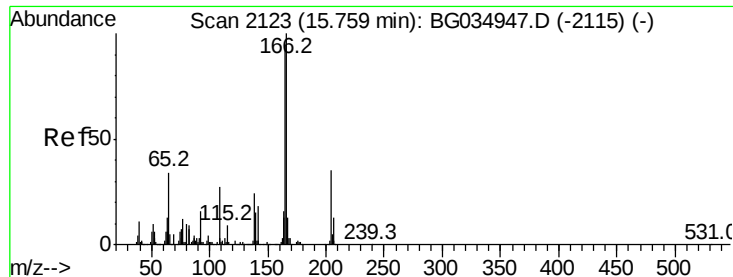
Tot Ion:149 Resp: 338543
Ion Ratio Lower Upper
149 100
177 24.3 18.5 27.7
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 62.175 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Tgt Ion:204 Resp: 162896
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 51.4 45.8 68.6

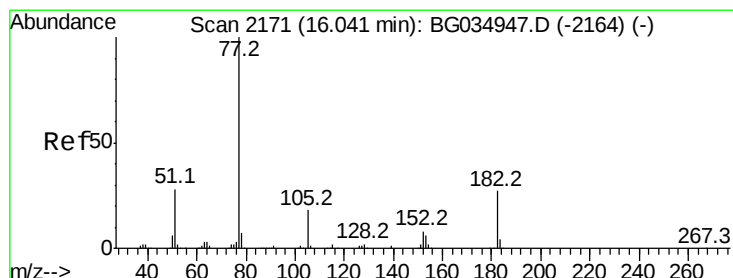
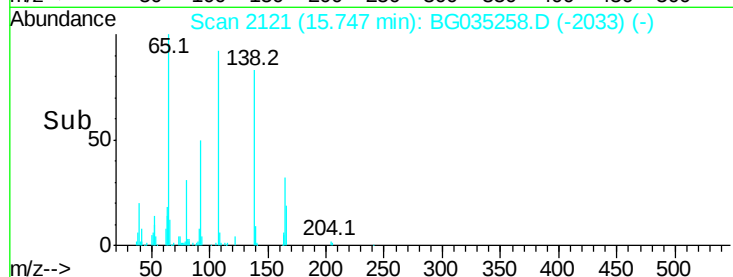
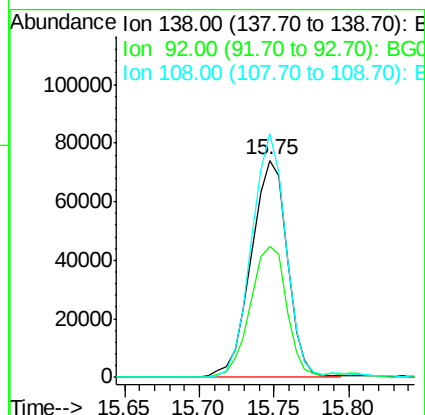
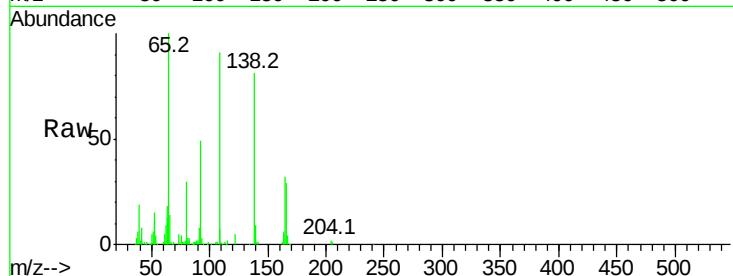




#61
4-Nitroaniline
Concen: 134.430 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

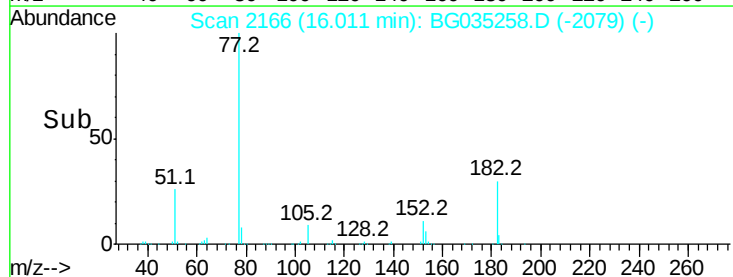
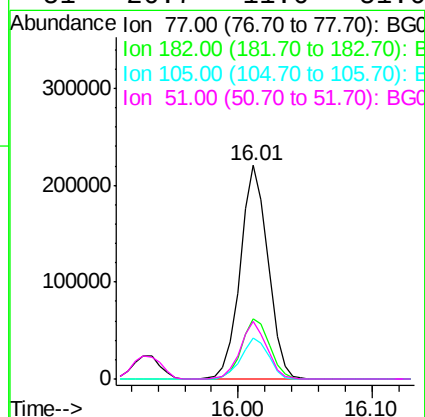
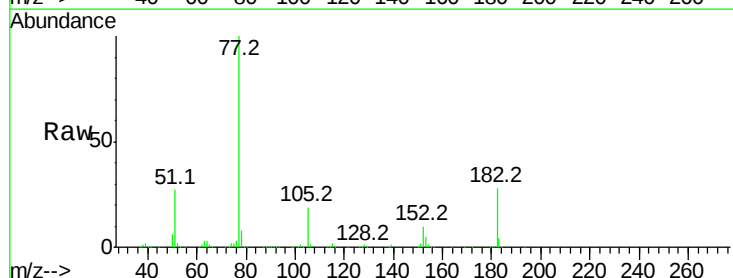
Instrument :
BNA_G
ClientSampleId :

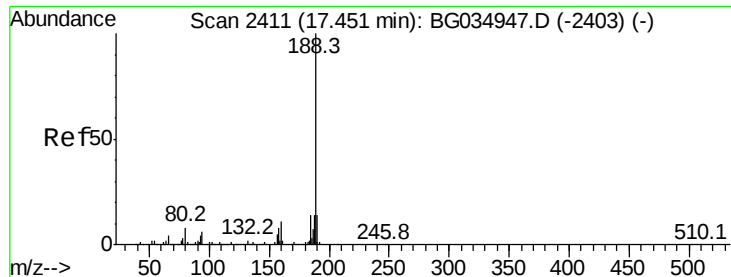
Tot Ion:138 Resp: 124033
Ion Ratio Lower Upper
138 100
92 60.3 40.1 80.1
108 112.2 65.4 105.4#



#62
Azobenzene
Concen: 65.708 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Tgt Ion: 77 Resp: 315718
Ion Ratio Lower Upper
77 100
182 28.0 7.4 47.4
105 19.4 0.3 40.3
51 26.7 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

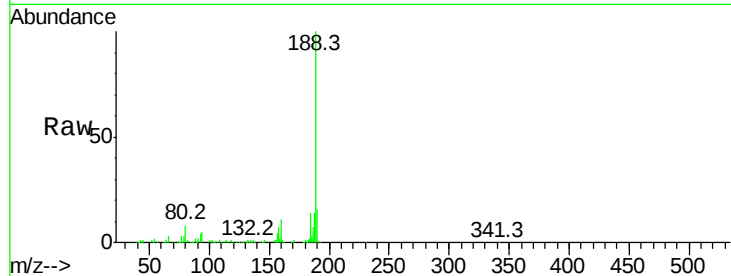
Tot Ion:188 Resp: 226225

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

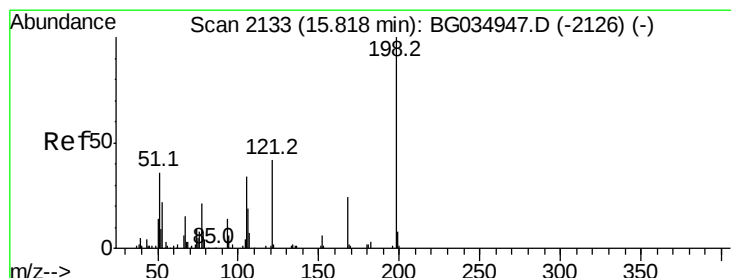
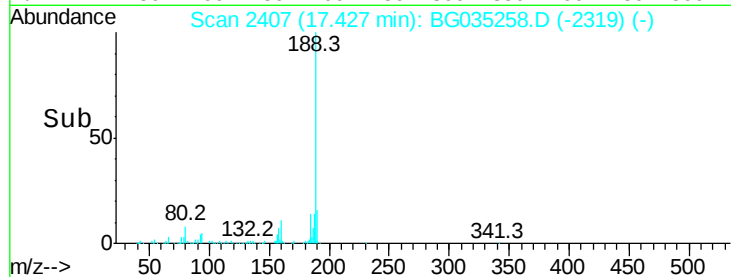
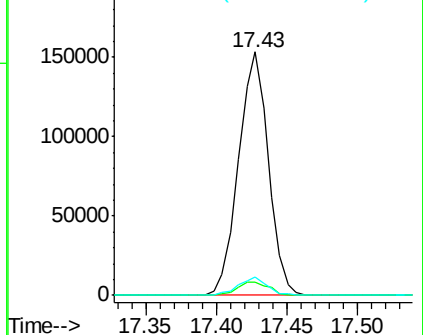
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 87.120 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

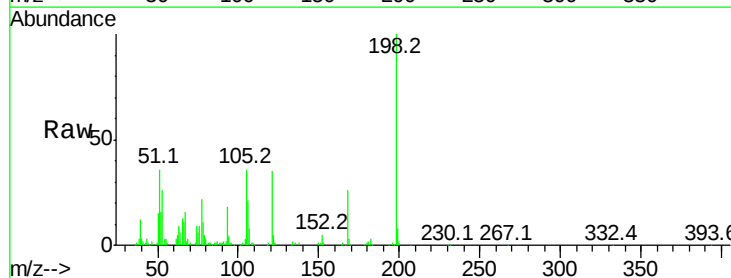
Tgt Ion:198 Resp: 89984

Ion Ratio Lower Upper

198 100

51 35.8 30.6 70.6

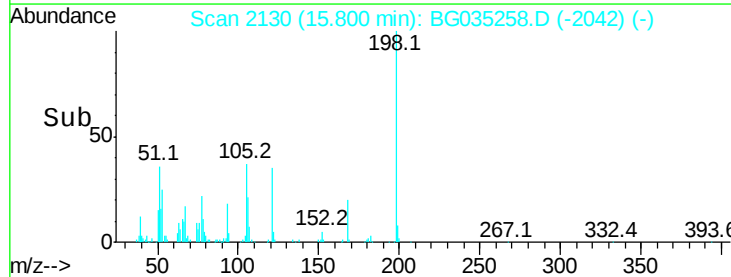
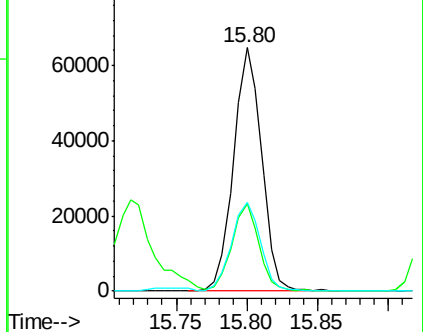
105 36.4 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.569 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampled :

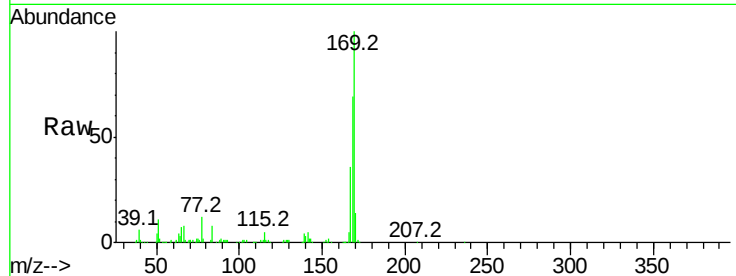
Tot Ion:169 Resp: 302792

Ion Ratio Lower Upper

169 100

168 69.0 55.7 83.5

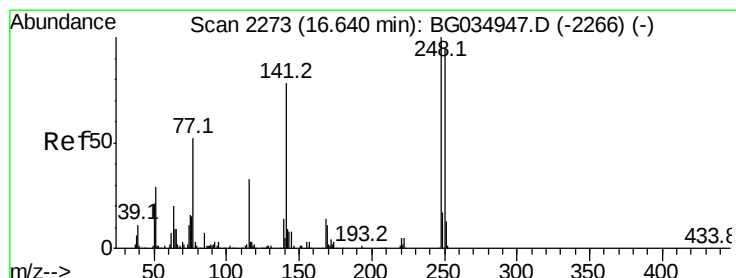
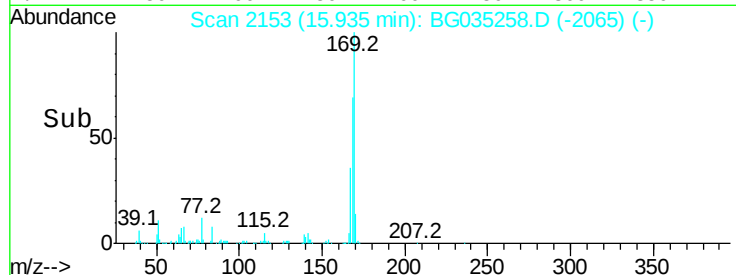
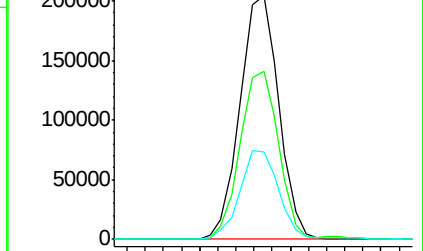
167 35.7 30.1 45.1



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: 46.656 ng

RT: 16.62 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

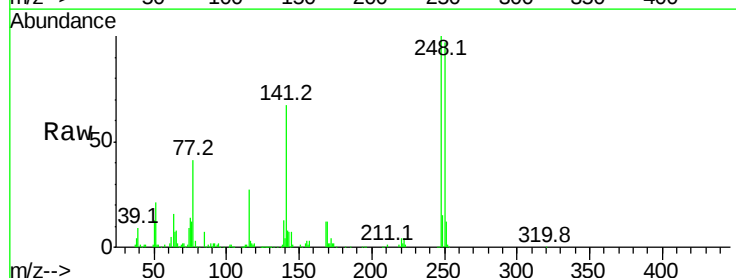
Tgt Ion:248 Resp: 127105

Ion Ratio Lower Upper

248 100

250 96.8 77.1 115.7

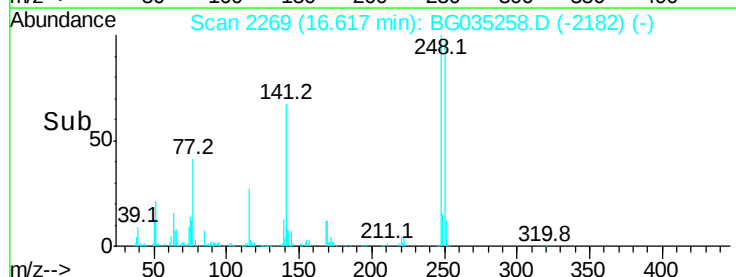
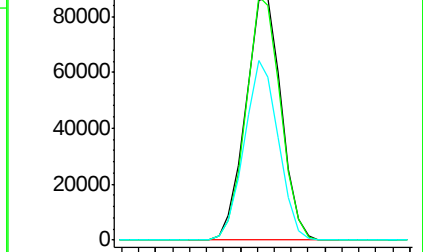
141 67.0 50.8 76.2

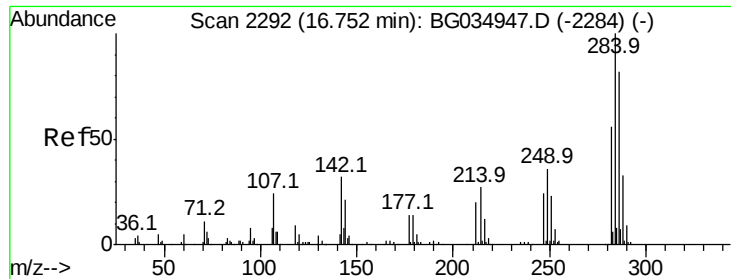


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 49.951 ng

RT: 16.73 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

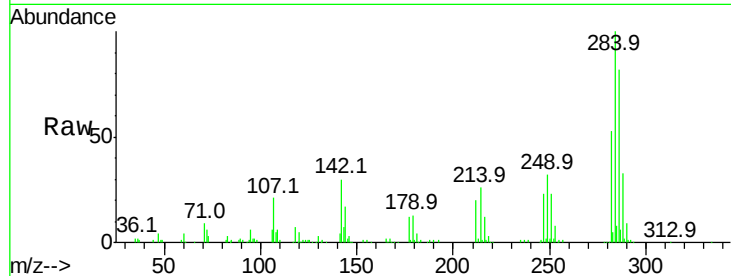
Tot Ion:284 Resp: 138508

Ion Ratio Lower Upper

284 100

142 30.0 26.8 40.2

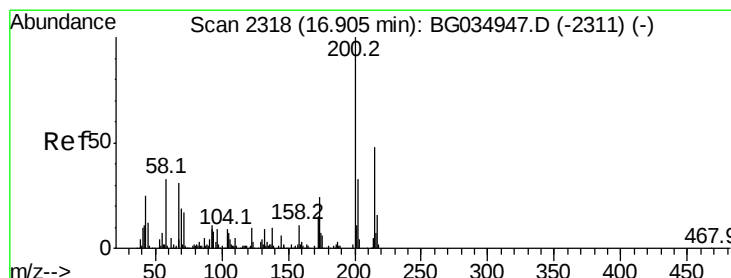
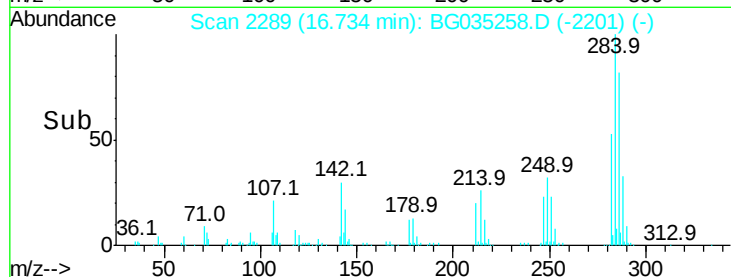
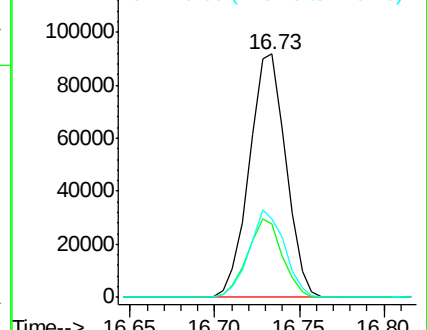
249 32.4 26.3 39.5



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: 69.474 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

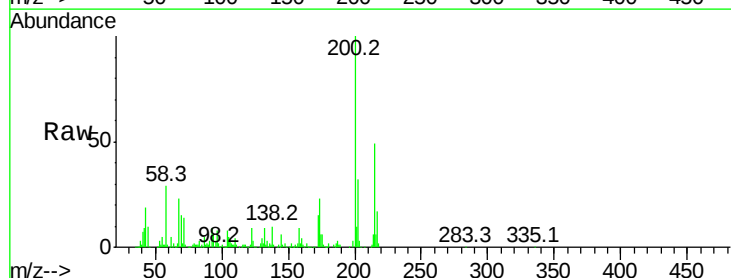
Tgt Ion:200 Resp: 201278

Ion Ratio Lower Upper

200 100

173 22.7 5.2 45.2

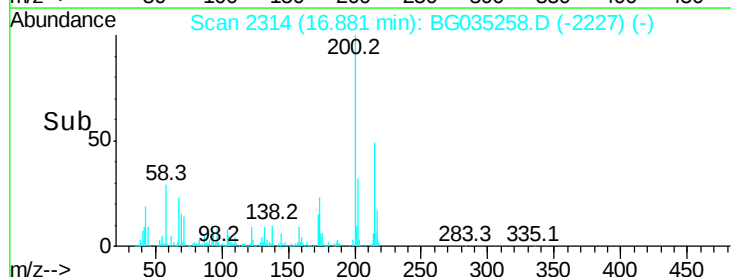
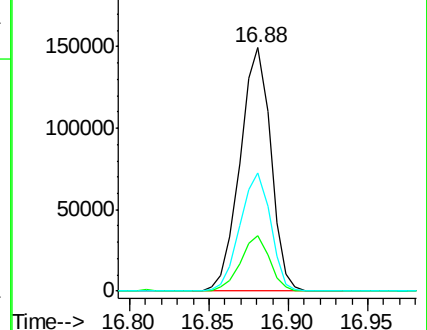
215 48.5 30.4 70.4

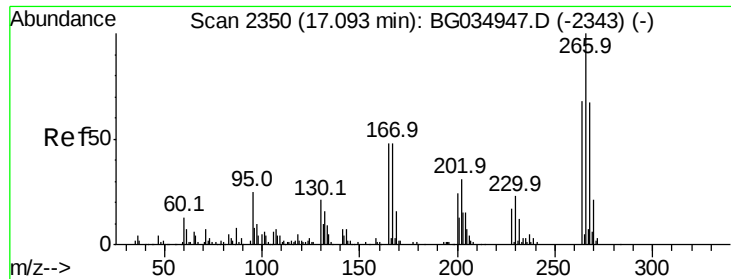


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

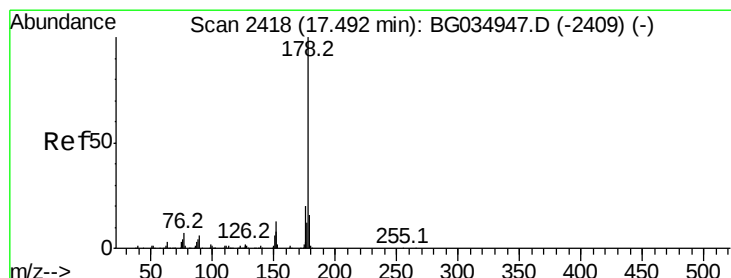
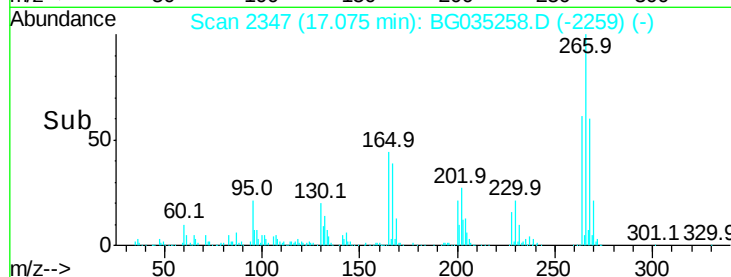
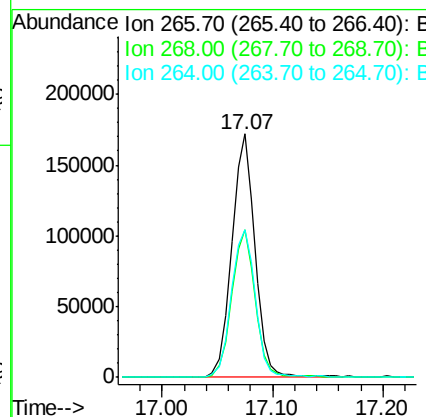
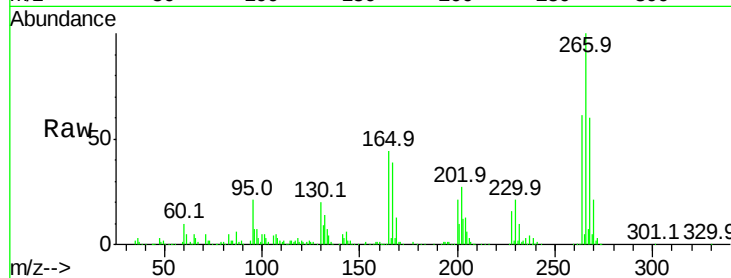




#69
 Pentachlorophenol
 Concen: 136.224 ng
 RT: 17.07 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

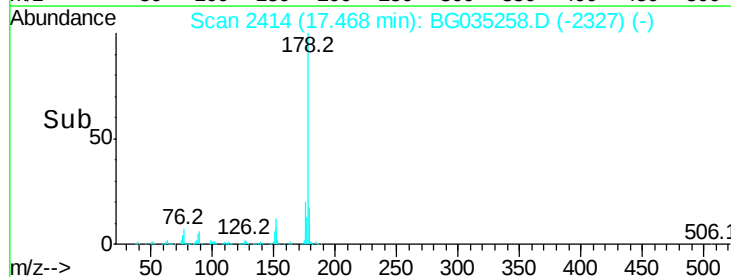
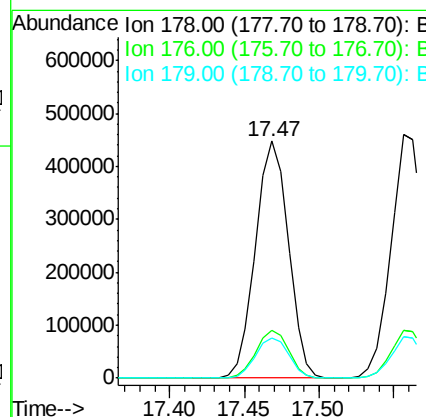
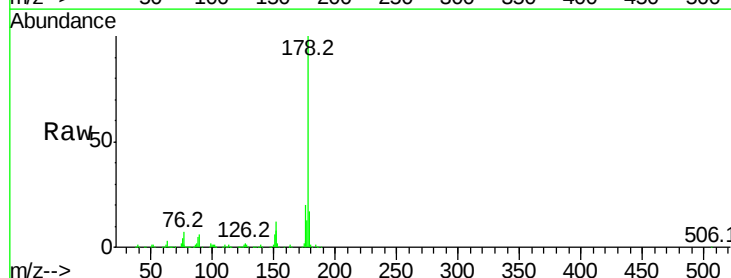
Instrument :
 BNA_G
 ClientSampleId :

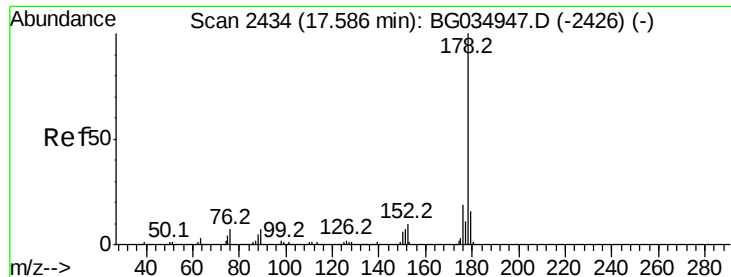
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.5	51.1	76.7
264	60.6	49.6	74.4



#70
 Phenanthrene
 Concen: 59.358 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.7	12.5	18.7





#71

Anthracene

Concen: 61.764 ng

RT: 17.56 min Scan# 2429

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

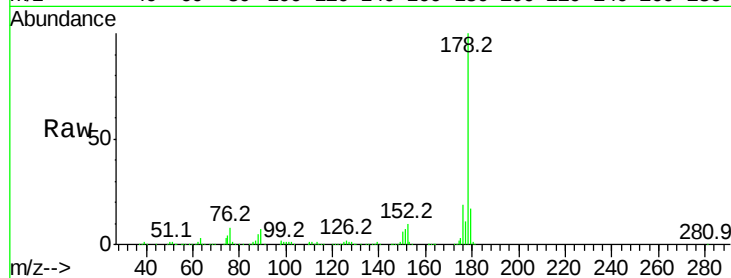
Tot Ion:178 Resp: 710980

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

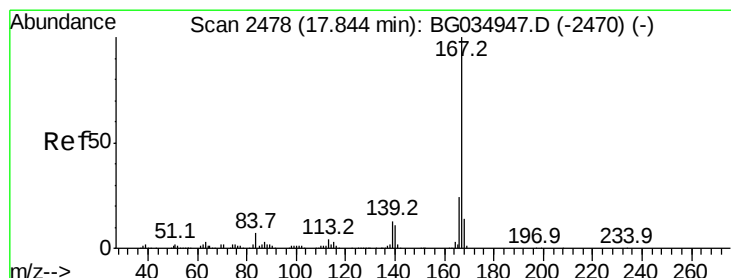
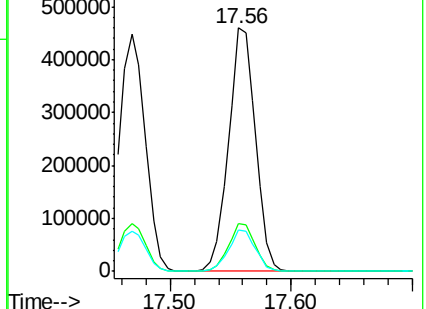
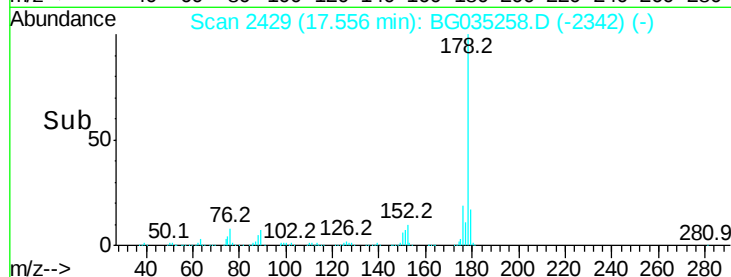
179 16.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 82.602 ng

RT: 17.83 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

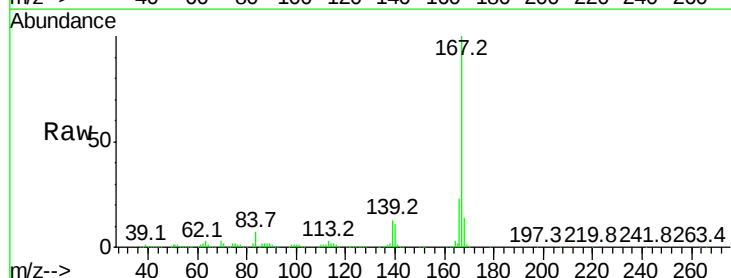
Tgt Ion:167 Resp: 882224

Ion Ratio Lower Upper

167 100

166 23.3 18.2 27.4

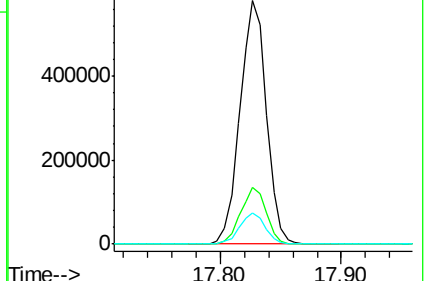
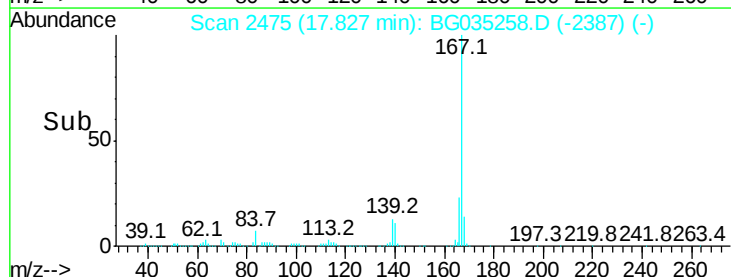
139 12.9 9.4 14.2

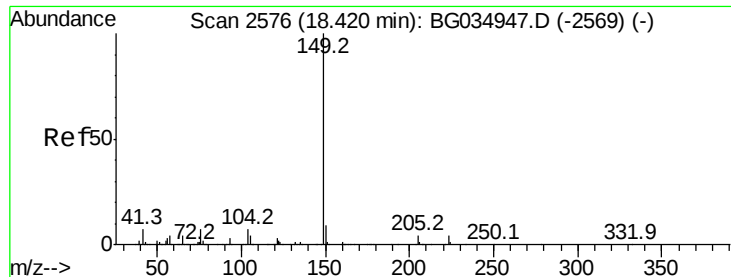


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 73.542 ng

RT: 18.38 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

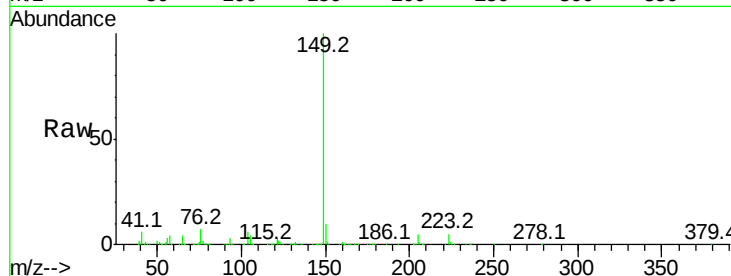
Tot Ion:149 Resp: 936195

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

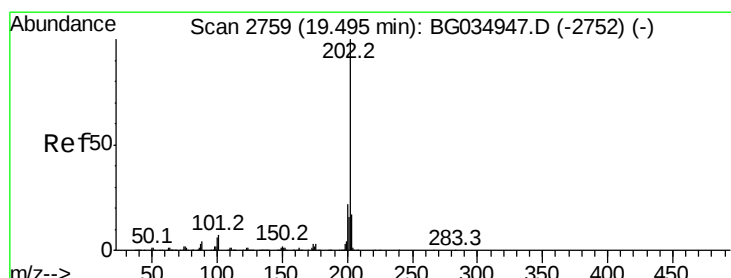
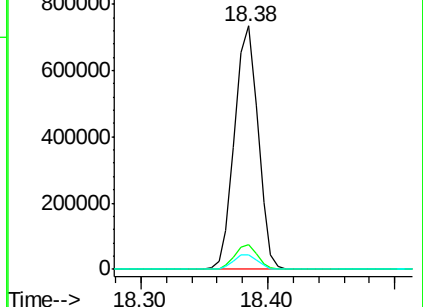
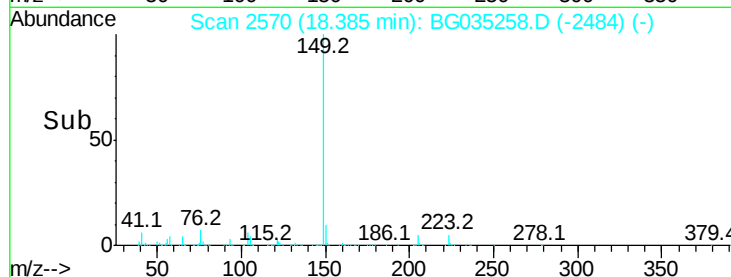
104 6.1 3.9 5.9#



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: 92.817 ng

RT: 19.48 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

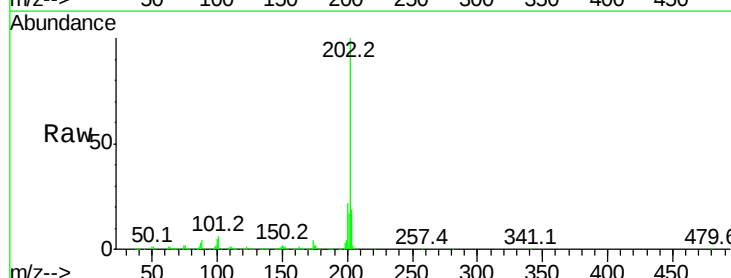
Tgt Ion:202 Resp: 1387970

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.9

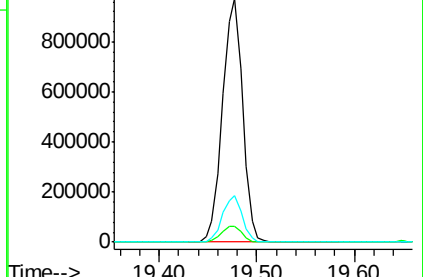
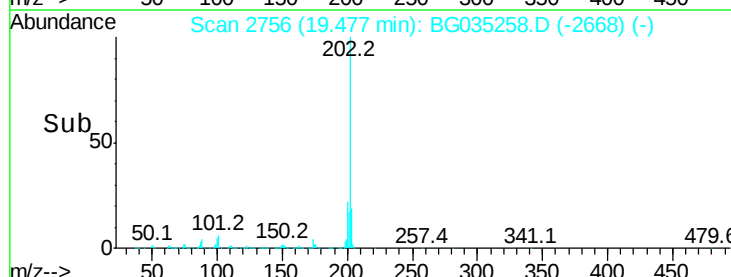
203 19.1 0.0 37.5

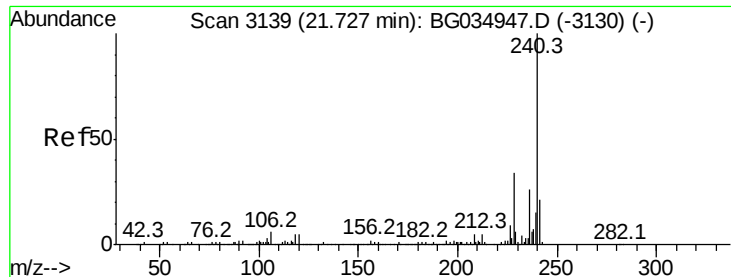


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

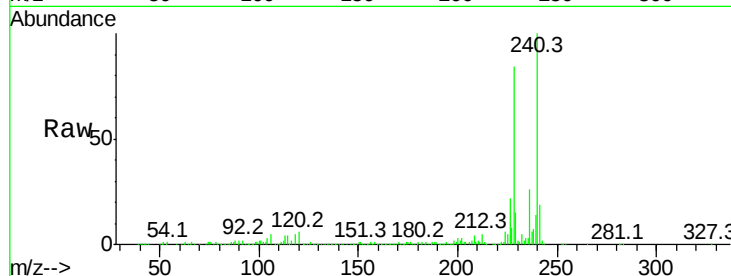
Tot Ion:240 Resp: 425288

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

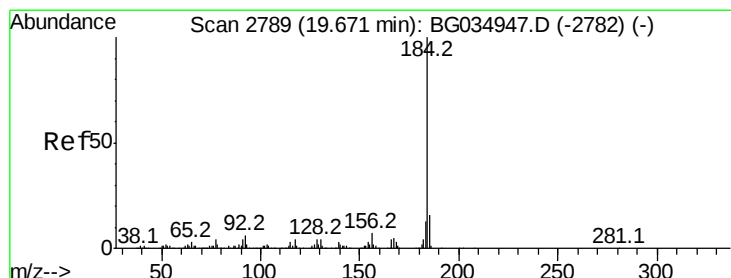
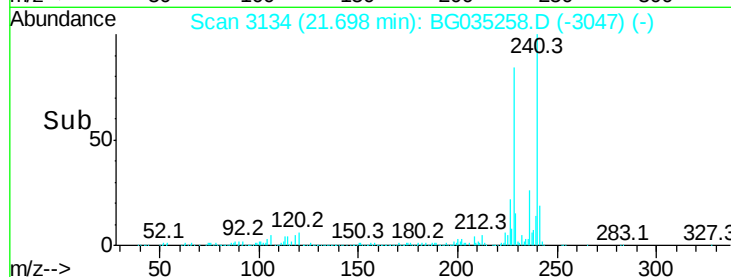
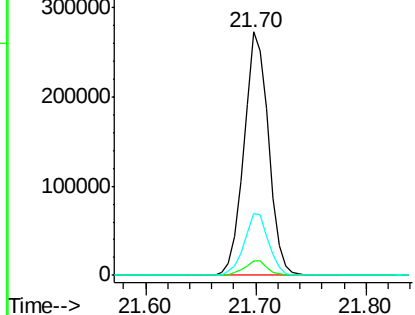
236 25.6 20.9 31.3



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: 48.096 ng

RT: 19.65 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

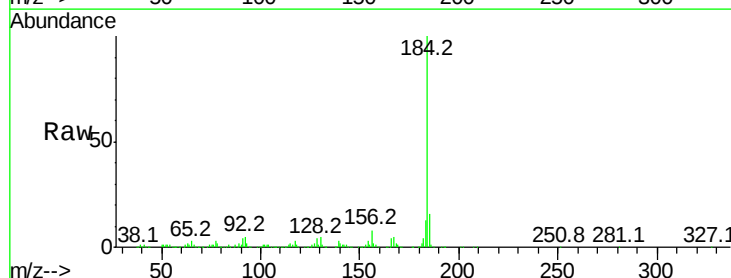
Tgt Ion:184 Resp: 760988

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

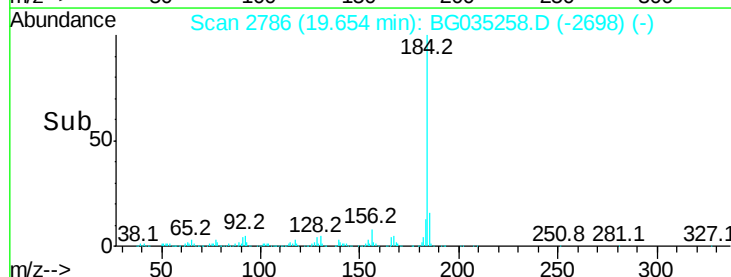
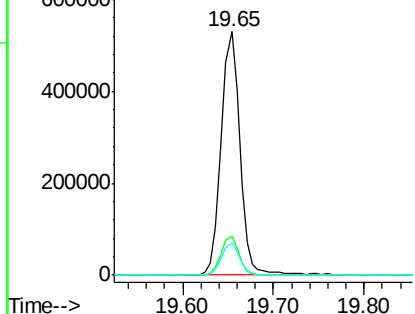
183 13.2 10.6 16.0

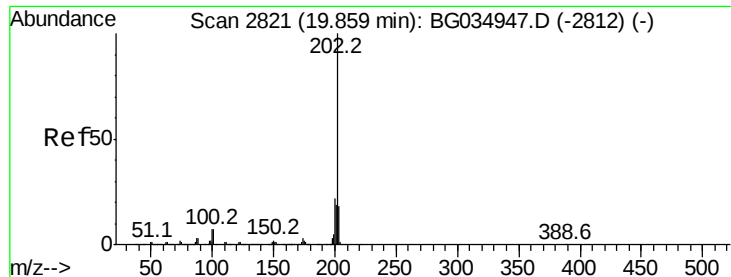


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.591 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

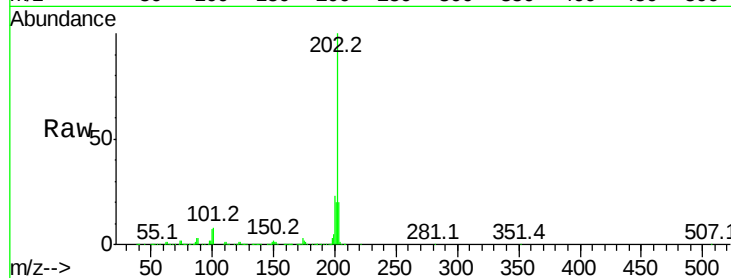
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1446454

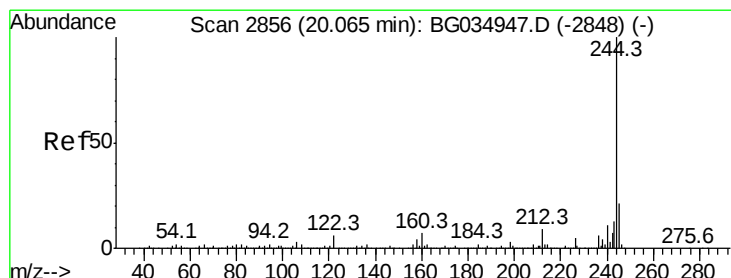
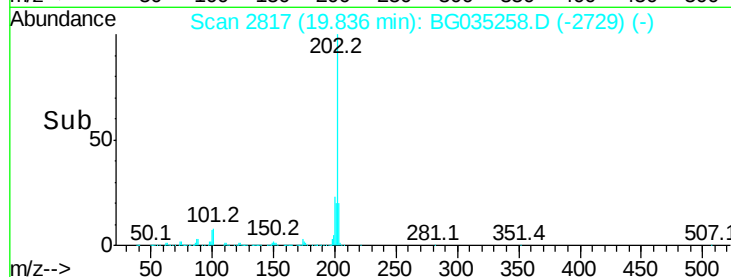
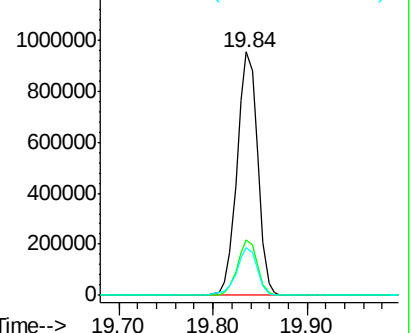
Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	19.5	13.9	20.9



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: 122.392 ng

RT: 20.04 min Scan# 2851

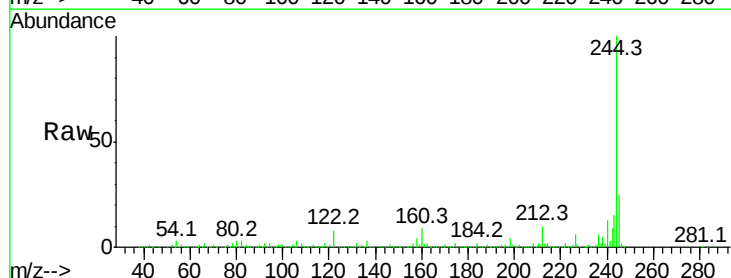
Delta R.T. -0.01 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Tgt Ion:244 Resp: 2484956

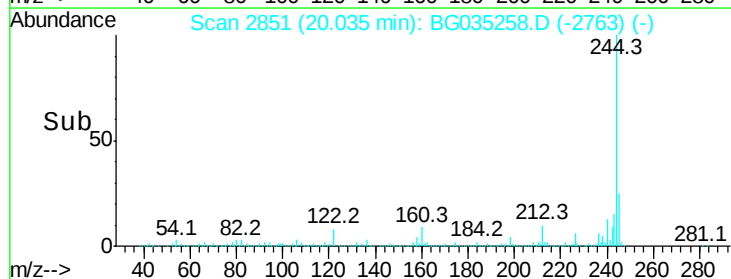
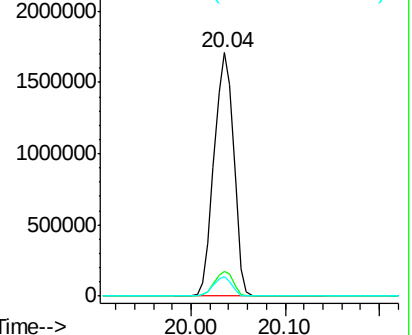
Ion	Ratio	Lower	Upper
244	100		
212	10.2	5.8	8.8#
122	7.8	7.0	10.4

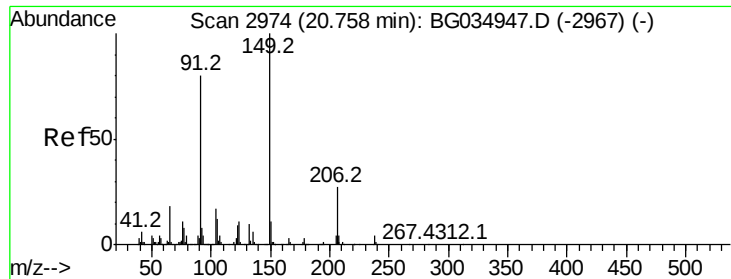


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

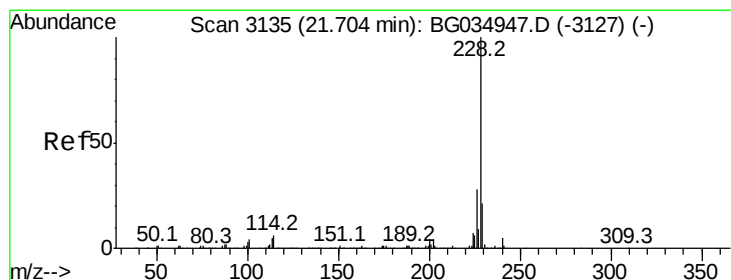
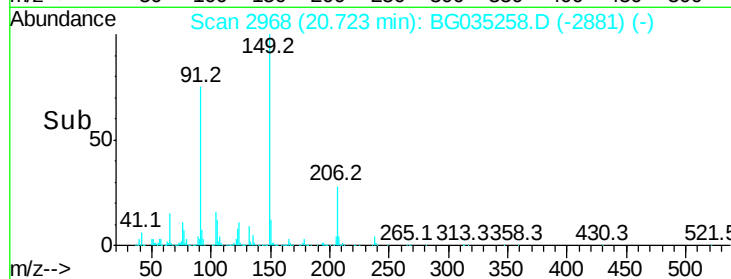
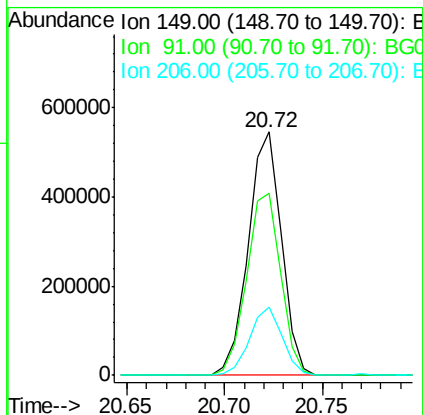
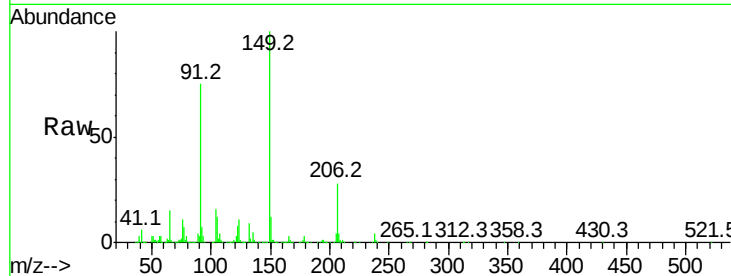




#79
Butylbenzylphthalate
Concen: 63.239 ng
RT: 20.72 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

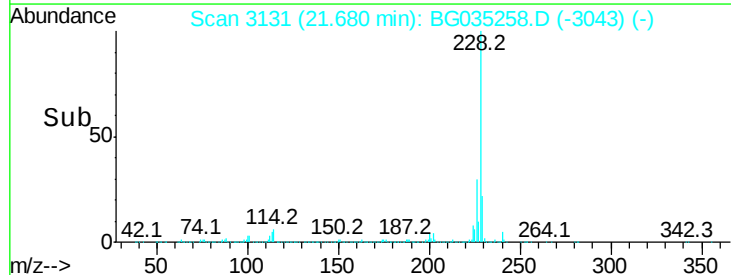
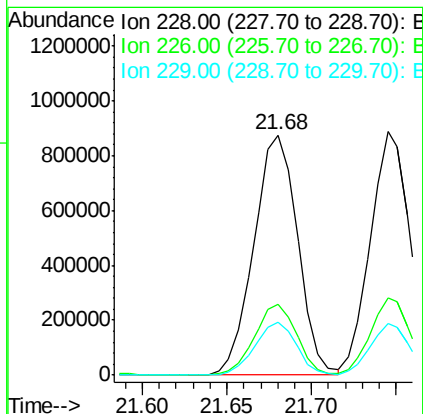
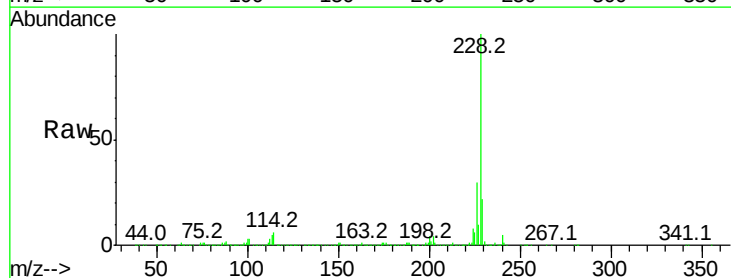
Instrument :
BNA_G
ClientSampleId :

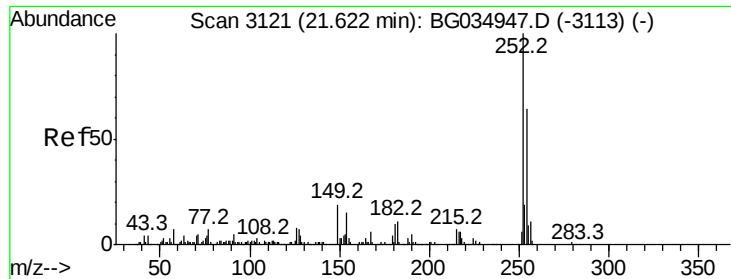
Tot Ion:149 Resp: 643819
Ion Ratio Lower Upper
149 100
91 74.9 62.2 93.2
206 28.0 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 57.987 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Tgt Ion:228 Resp: 1575920
Ion Ratio Lower Upper
228 100
226 29.7 22.7 34.1
229 21.8 16.2 24.2

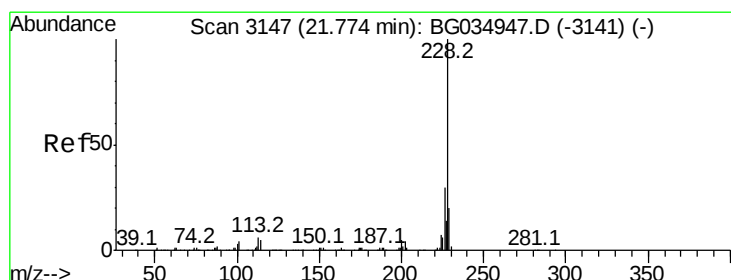
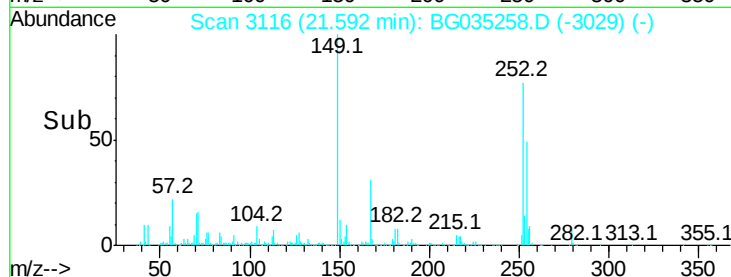
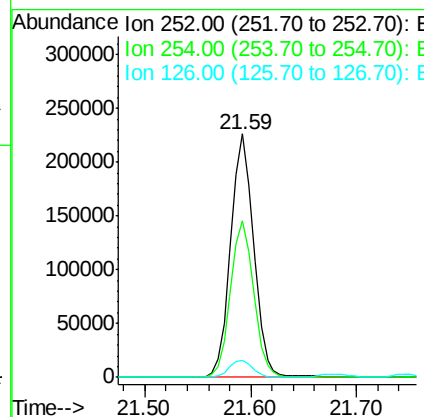
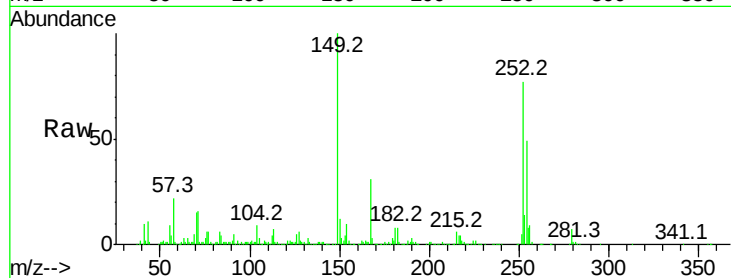




#81
 3,3'-Dichlorobenzidine
 Concen: 33.515 ng
 RT: 21.59 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

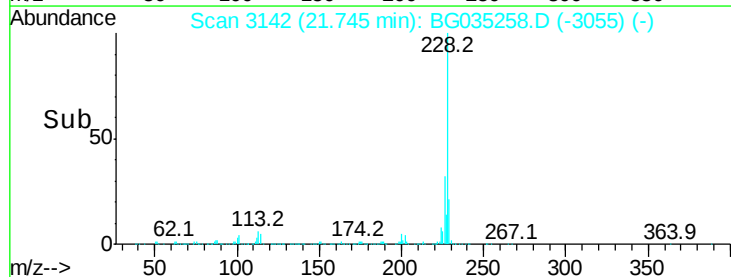
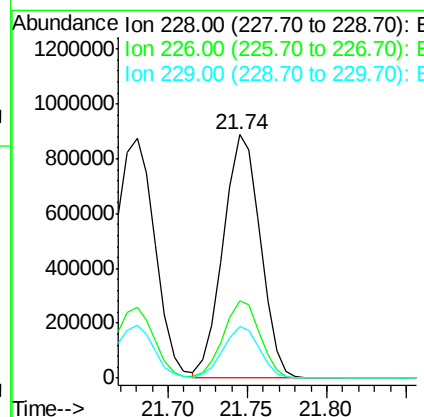
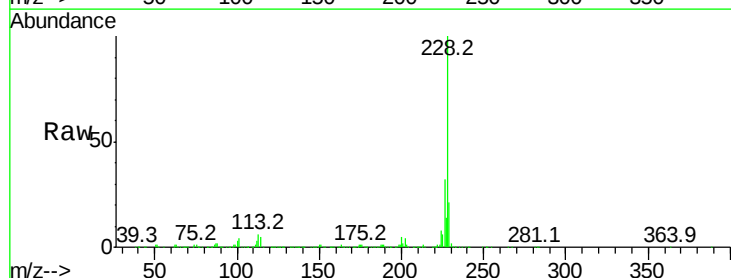
Instrument :
 BNA_G
 ClientSampleId :

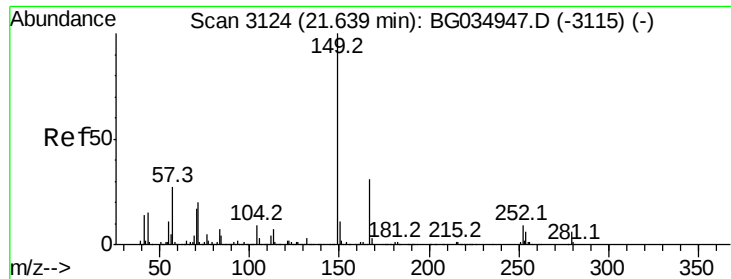
Tot Ion:252 Resp: 342684
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.8 76.2
 126 6.9 7.4 11.2#



#82
 Chrysene
 Concen: 58.111 ng
 RT: 21.74 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

Tgt Ion:228 Resp: 1445977
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 21.1 15.0 22.4

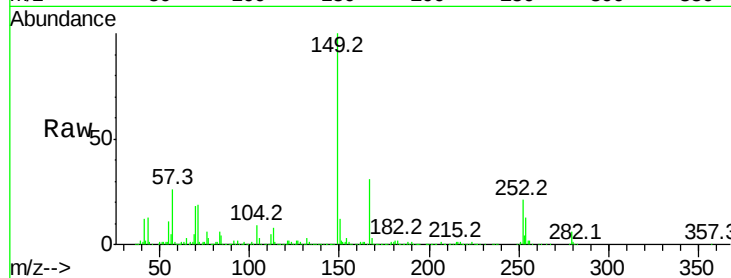




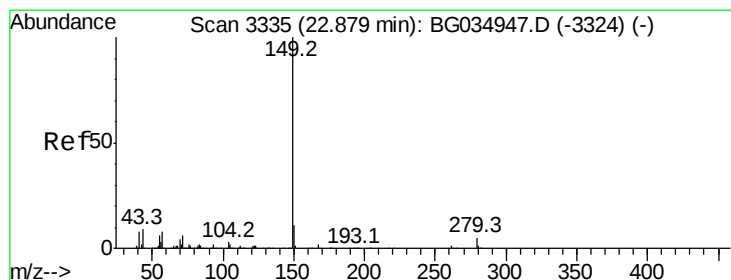
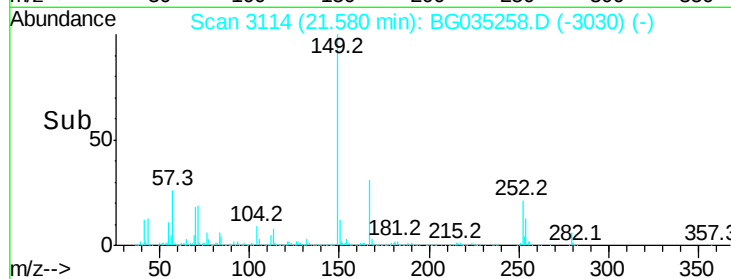
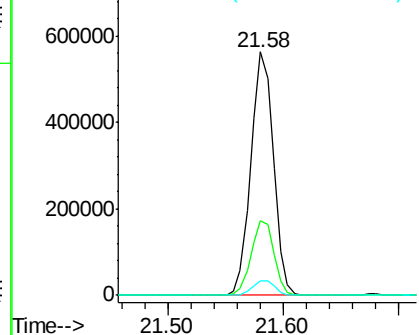
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.274 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.04 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.3	36.5
279	6.0	4.0	6.0

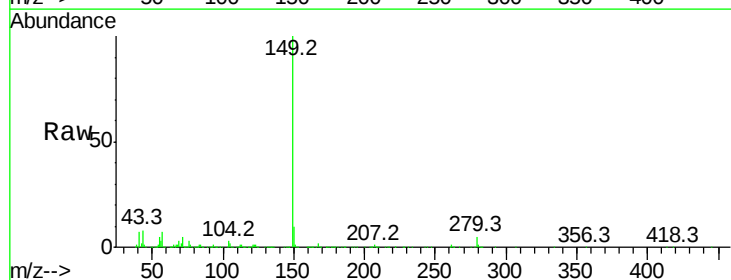


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

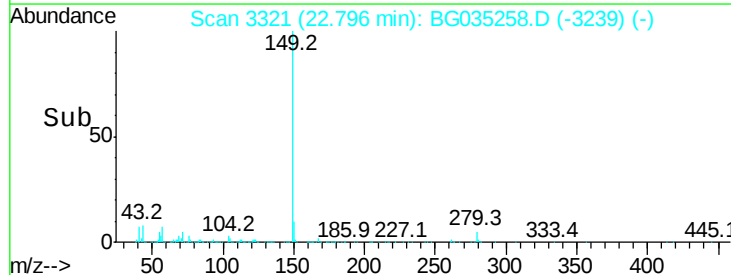
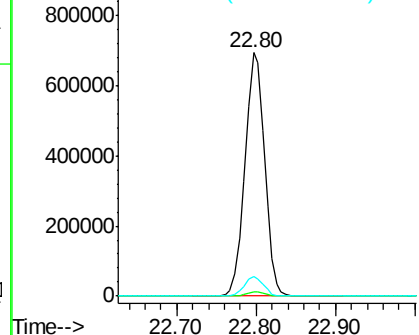


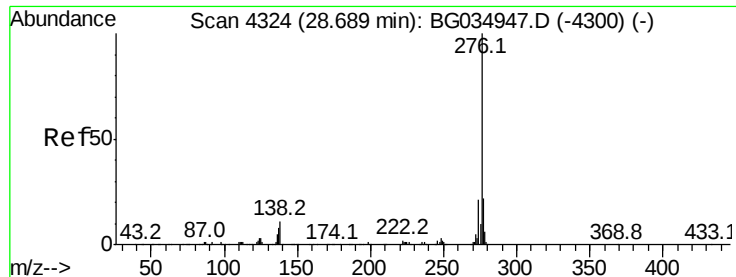
#84
 Di-n-octyl phthalate
 Concen: 48.196 ng
 RT: 22.80 min Scan# 3321
 Delta R.T. -0.05 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.9	8.9	13.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0

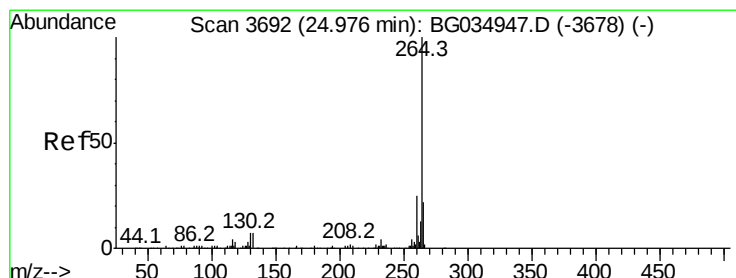
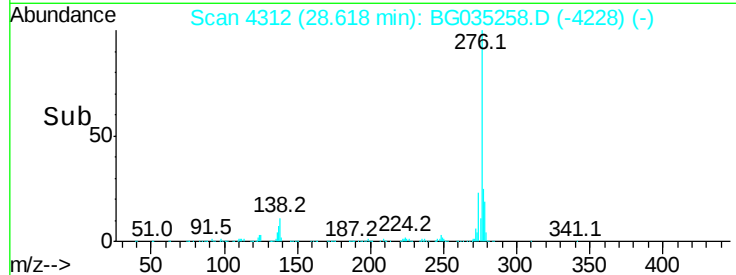
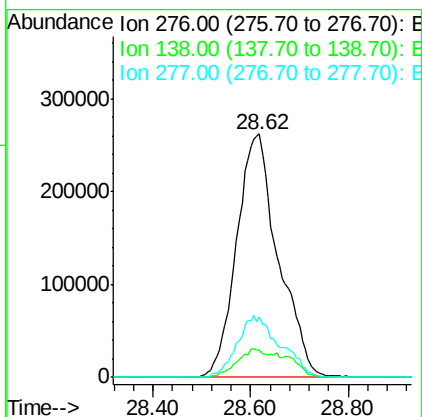
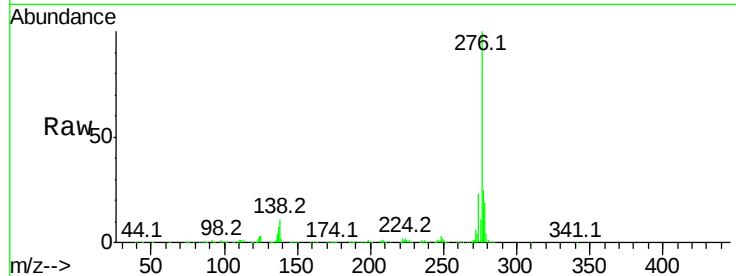




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.264 ng
 RT: 28.62 min Scan# 4312
 Delta R.T. -0.04 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

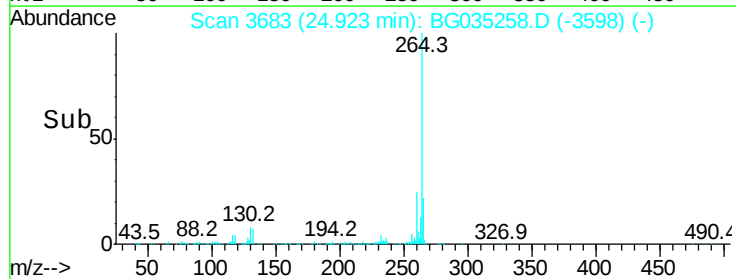
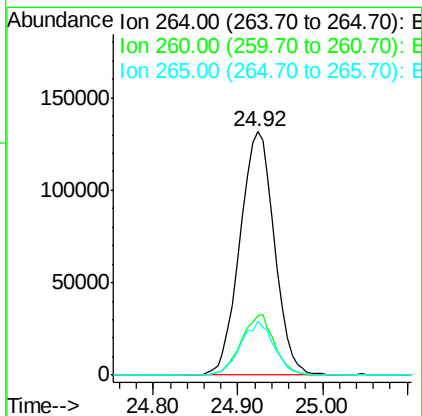
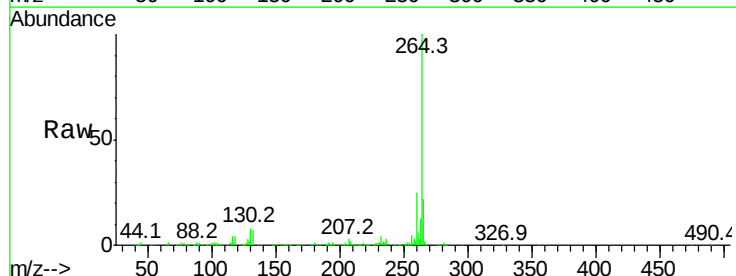
Instrument :
 BNA_G
 ClientSampleId :

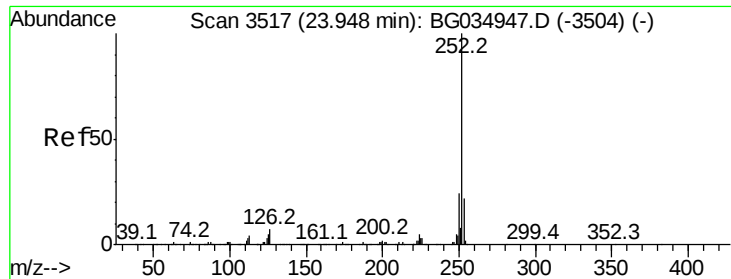
Tot Ion:276 Resp: 1552243
 Ion Ratio Lower Upper
 276 100
 138 8.1 16.0 24.0#
 277 26.1 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3683
 Delta R.T. -0.03 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

Tgt Ion:264 Resp: 373330
 Ion Ratio Lower Upper
 264 100
 260 24.5 17.4 26.0
 265 22.2 17.7 26.5

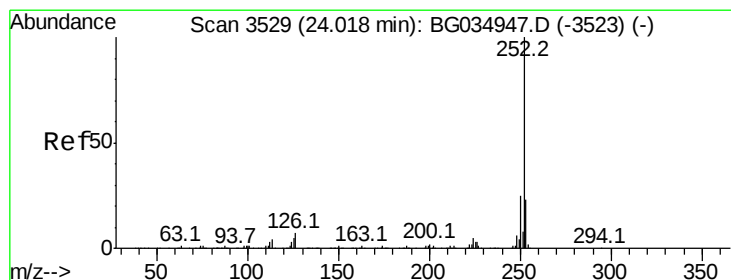
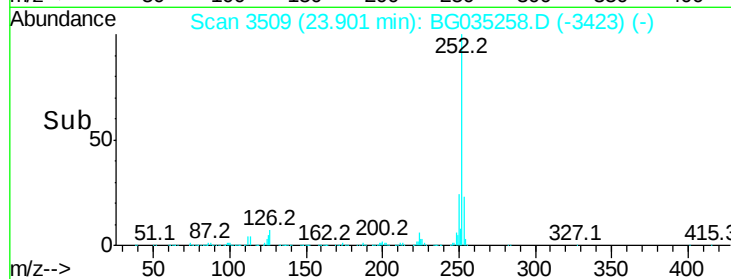
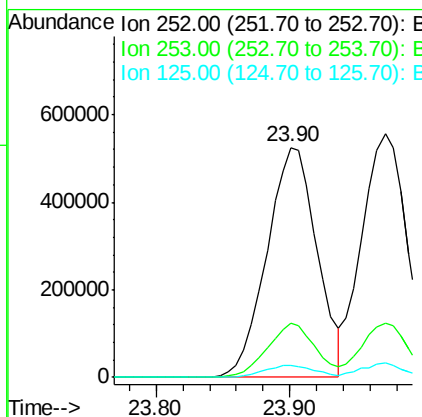
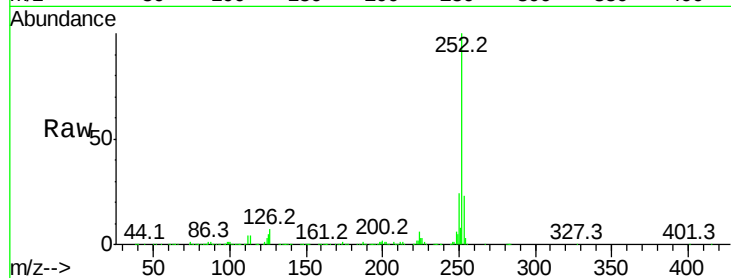




#87
Benzo(b)fluoranthene
Concen: 59.447 ng
RT: 23.90 min Scan# 3509
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

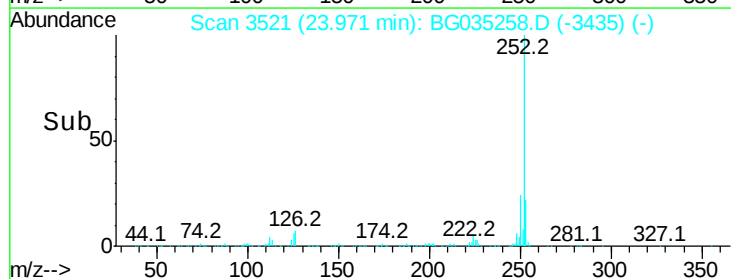
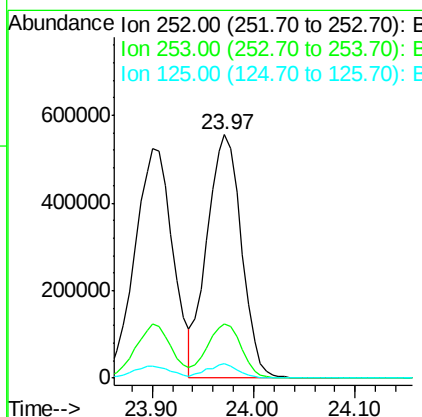
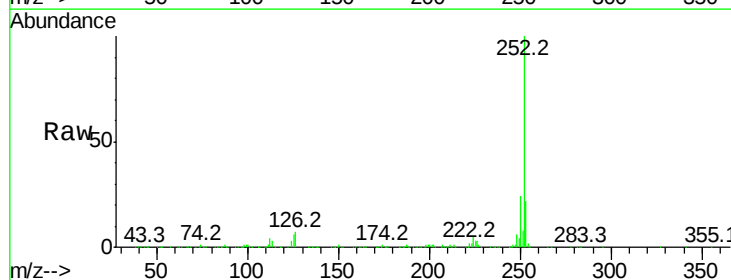
Instrument :
BNA_G
ClientSampleId :

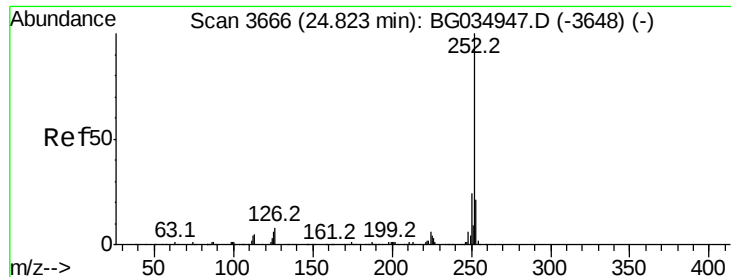
Tot Ion:252 Resp: 1366711
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 5.2 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 58.057 ng
RT: 23.97 min Scan# 3521
Delta R.T. -0.02 min
Lab File: BG035258.D
Acq: 19 Jun 2018 21:36

Tgt Ion:252 Resp: 1305680
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 5.8 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 60.988 ng

RT: 24.78 min Scan# 3658

Delta R.T. -0.03 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

Instrument :

BNA_G

ClientSampleId :

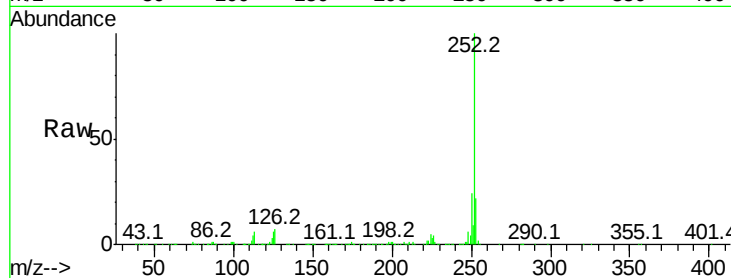
Tot Ion:252 Resp: 1319392

Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

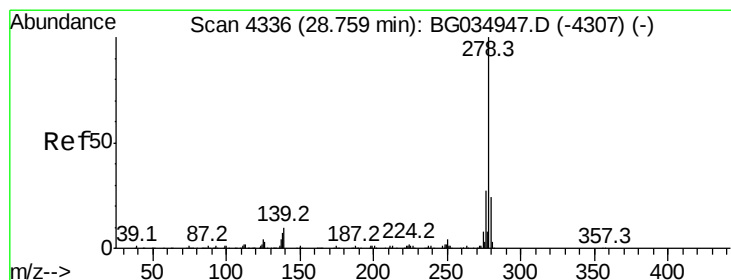
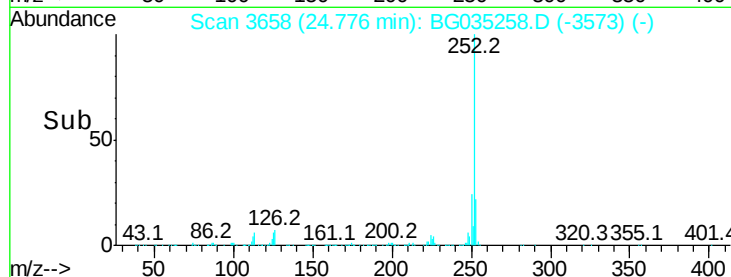
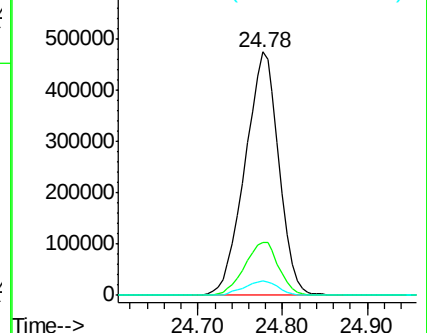
125 5.8 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 58.909 ng

RT: 28.68 min Scan# 4322

Delta R.T. -0.05 min

Lab File: BG035258.D

Acq: 19 Jun 2018 21:36

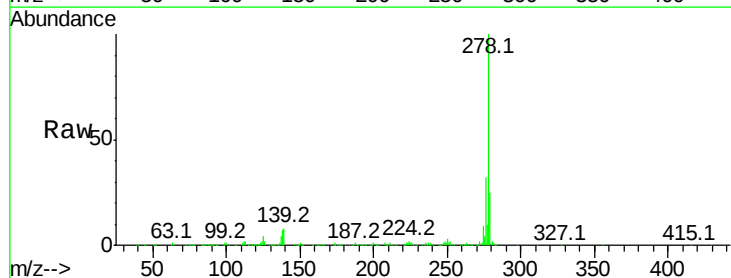
Tgt Ion:278 Resp: 1258059

Ion Ratio Lower Upper

278 100

139 7.8 9.8 14.6#

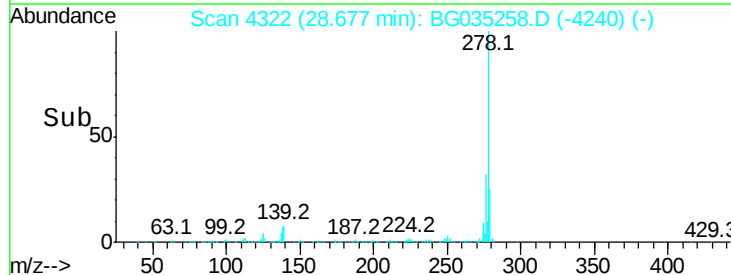
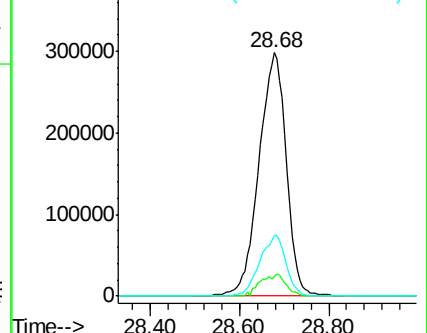
279 24.7 18.4 27.6

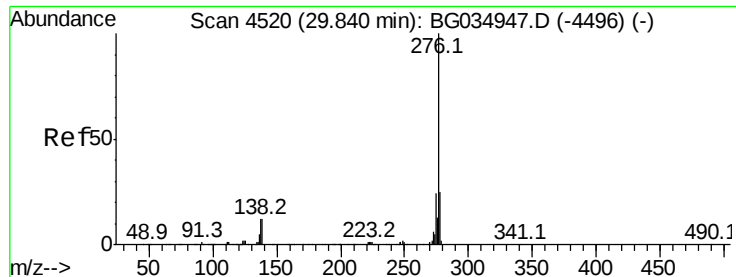


Abundance Ion 278.00 (277.70 to 278.70): E

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: 61.342 ng
 RT: 29.78 min Scan# 4509
 Delta R.T. -0.03 min
 Lab File: BG035258.D
 Acq: 19 Jun 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.3	27.5
138	10.8	13.9	20.9

