

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035567.D
 Acq On : 3 Jul 2018 1:31
 Operator : JU/SJ
 Sample : PB110762BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 04:50:44 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	41938	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	157643	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	111336	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	285679	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	300794	20.00	ng	-0.02
86) Perylene-d12	24.92	264	288800	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	383921	154.49	ng	0.00
7) Phenol-d6	7.24	99	555003	151.32	ng	0.01
23) Nitrobenzene-d5	9.23	82	349148	105.28	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	245095	171.97	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	803927	93.87	ng	-0.02
78) Terphenyl-d14	20.03	244	1359056	94.64	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.56	88	41868	35.312	ng	# 76
3) Pyridine	3.95	79	120158	37.560	ng	# 69
4) n-Nitrosodimethylamine	3.86	42	48732	35.458	ng	# 68
6) Aniline	7.39	93	152165	32.095	ng	95
8) 2-Chlorophenol	7.64	128	121264	46.553	ng	96
9) Benzaldehyde	7.21	77	68284	24.170	ng	91
10) Phenol	7.26	94	183676	48.390	ng	93
11) bis(2-Chloroethyl)ether	7.49	93	121297	41.172	ng	88
12) 1,3-Dichlorobenzene	7.96	146	131590	42.339	ng	98
13) 1,4-Dichlorobenzene	8.10	146	137127	42.740	ng	96
14) 1,2-Dichlorobenzene	8.42	146	131974	43.792	ng	98
15) Benzyl Alcohol	8.30	79	147437	42.423	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	135121	46.081	ng	76
17) 2-Methylphenol	8.50	107	123596	49.389	ng	# 91
18) Hexachloroethane	9.14	117	51977	45.252	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	115375	37.026	ng	# 84
20) 3+4-Methylphenols	8.83	107	170141	47.433	ng	95
22) Acetophenone	8.89	105	212196	43.453	ng	# 92
24) Nitrobenzene	9.27	77	170754	50.281	ng	91
25) Isophorone	9.79	82	322633	46.078	ng	98
26) 2-Nitrophenol	9.98	139	68808	58.781	ng	# 86
27) 2,4-Dimethylphenol	10.04	122	130146	52.894	ng	93
28) bis(2-Chloroethoxy)methane	10.27	93	171100	45.472	ng	100
29) 2,4-Dichlorophenol	10.52	162	143434	53.575	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	153588	47.842	ng	98
31) Naphthalene	10.92	128	373045	45.552	ng	98
32) Benzoic acid	10.18	122	58087	35.246	ng	91
33) 4-Chloroaniline	11.02	127	73232	20.594	ng	96
34) Hexachlorobutadiene	11.20	225	116861	46.807	ng	96
35) Caprolactam	11.80	113	29812	30.130	ng	# 80
36) 4-Chloro-3-methylphenol	12.15	107	171987	51.534	ng	94
37) 2-Methylnaphthalene	12.52	142	301004	48.480	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	207774	50.102	ng	99
40) Hexachlorocyclopentadiene	12.86	237	279534	107.489	ng	93

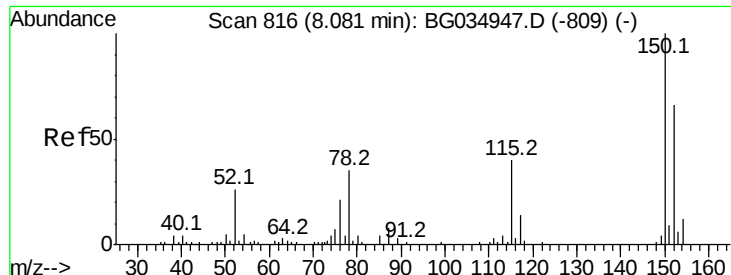
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	133982	53.956	nq	97
43) 2,4,5-Trichlorophenol	13.20	196	145869	53.521	nq	96
45) 1,1'-Biphenyl	13.52	154	412616	46.089	nq	97
46) 2-Chloronaphthalene	13.57	162	315650	46.634	nq	98
47) 2-Nitroaniline	13.77	65	108006	54.037	nq	96
48) Acenaphthylene	14.41	152	534689	47.111	nq	97
49) Dimethylphthalate	14.14	163	434067	44.708	nq	99
50) 2,6-Dinitrotoluene	14.26	165	96870	54.691	nq	91
51) Acenaphthene	14.75	154	312018	42.076	nq	99
52) 3-Nitroaniline	14.58	138	55187	31.753	nq #	95
53) 2,4-Dinitrophenol	14.79	184	60391	84.248	nq #	64
54) Dibenzofuran	15.08	168	517093	46.559	nq	94
55) 4-Nitrophenol	14.90	139	143103	97.559	nq #	84
56) 2,4-Dinitrotoluene	15.04	165	140696	59.798	nq	89
57) Fluorene	15.73	166	426701	45.972	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	145804	55.068	nq	92
59) Diethylphthalate	15.50	149	428460	43.255	nq	98
60) 4-Chlorophenyl-phenylether	15.72	204	247708	46.801	nq	96
61) 4-Nitroaniline	15.75	138	96797	51.932	nq #	84
62) Azobenzene	16.01	77	432068	44.512	nq	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	63192	48.448	nq	86
65) n-Nitrosodiphenylamine	15.94	169	375300	43.745	nq	99
66) 4-Bromophenyl-phenylether	16.61	248	171502	49.851	nq	99
67) Hexachlorobenzene	16.73	284	173448	49.534	nq	95
68) Atrazine	16.88	200	169899	46.438	nq	96
69) Pentachlorophenol	17.08	266	179890	76.400	nq	99
70) Phenanthrene	17.47	178	675297	46.534	nq	98
71) Anthracene	17.56	178	694782	47.796	nq	98
72) Carbazole	17.83	167	628754	46.618	nq	99
73) Di-n-butylphthalate	18.38	149	701403	43.631	nq #	98
74) Fluoranthene	19.47	202	885034	46.867	nq	97
76) Benzidine	19.65	184	347397	31.044	nq	98
77) Pyrene	19.84	202	879006	44.328	nq	98
79) Butylbenzylphthalate	20.72	149	319880	44.425	nq #	93
80) Benzo(a)anthracene	21.67	228	897070	46.670	nq	99
81) 3,3'-Dichlorobenzidine	21.59	252	192847	26.667	nq #	99
82) Chrysene	21.74	228	828625	47.084	nq	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	434886	42.743	nq	98
84) Di-n-octyl phthalate	22.79	149	736338	42.185	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	987689	47.919	nq #	88
87) Benzo(b)fluoranthene	23.90	252	870729	48.959	nq #	96
88) Benzo(k)fluoranthene	23.96	252	809546	46.532	nq #	97
89) Benzo(a)pyrene	24.76	252	841145	50.262	nq #	95
90) Dibenzo(a,h)anthracene	28.66	278	793909	48.056	nq #	95
91) Benzo(g,h,i)perylene	29.75	276	813591	50.322	nq #	92

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

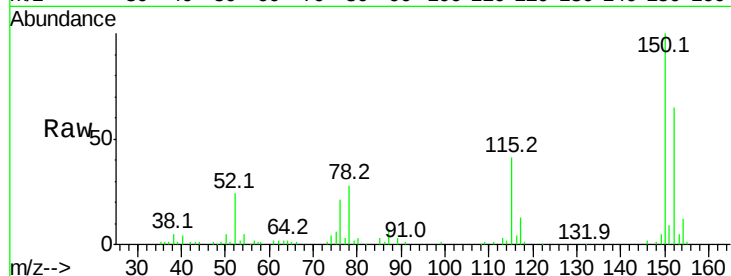


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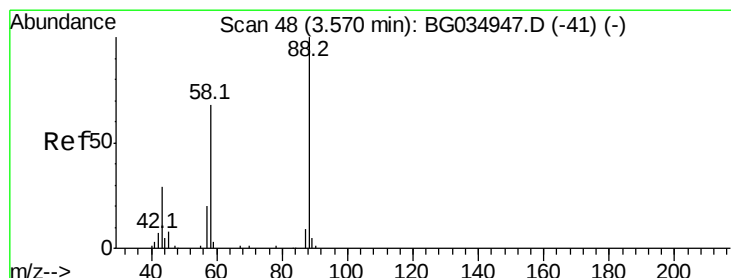
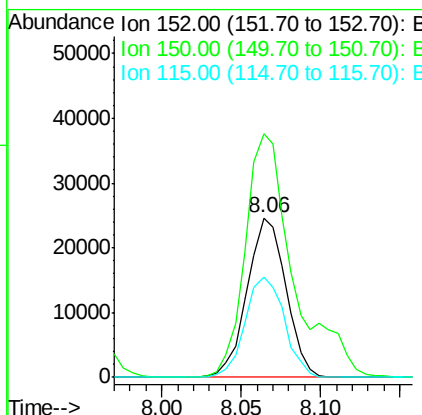
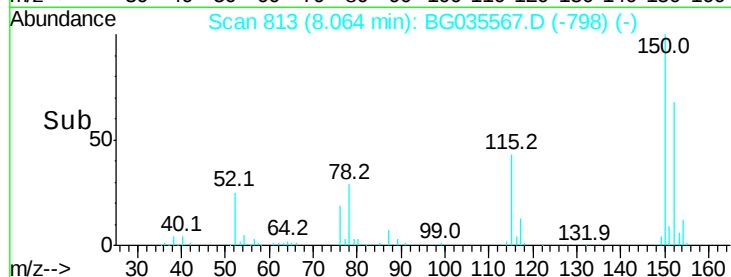
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 41938
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 62.9 53.0 79.4



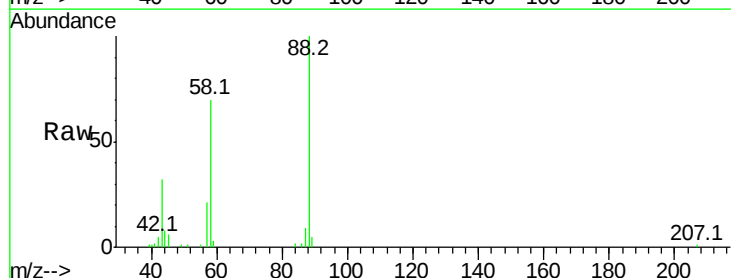
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



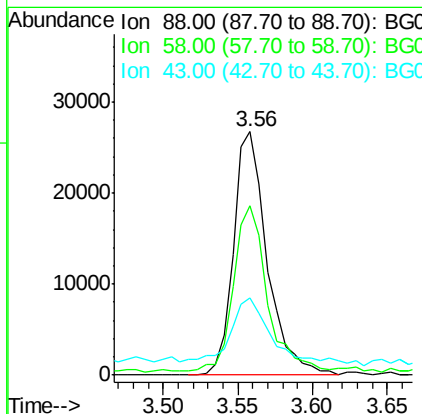
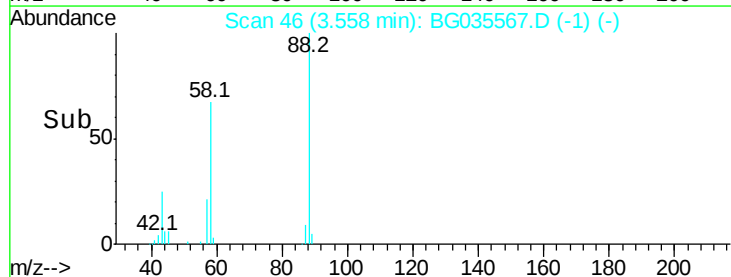
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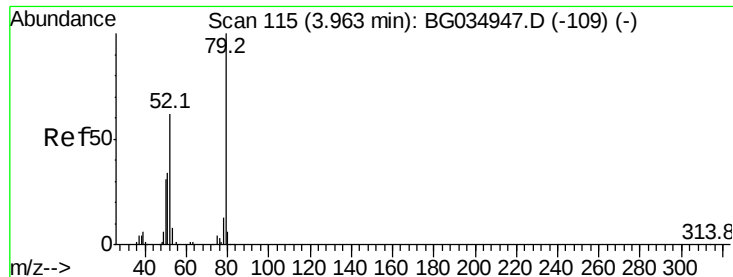
1,4-Dioxane
Concen: 35.312 ng
RT: 3.56 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Tgt Ion: 88 Resp: 41868
Ion Ratio Lower Upper
88 100
58 67.7 79.6 119.4#
43 35.6 27.4 41.0



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





#3

Pvridine

Concen: 37.560 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

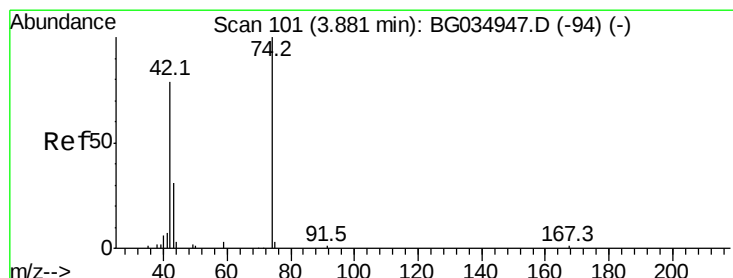
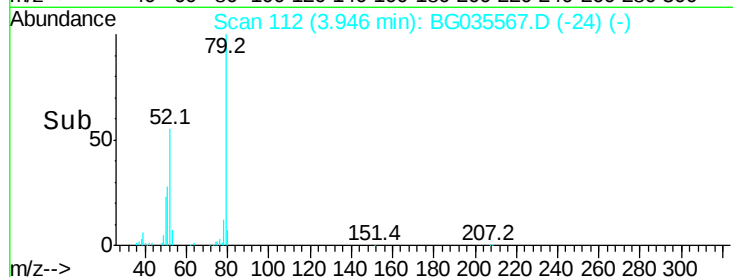
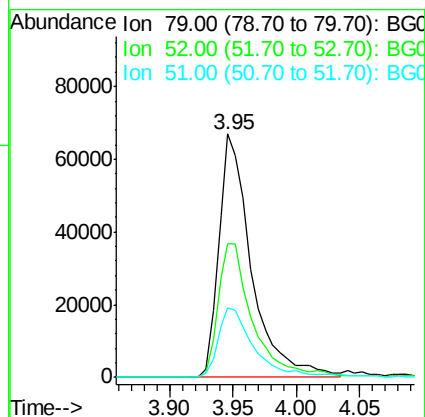
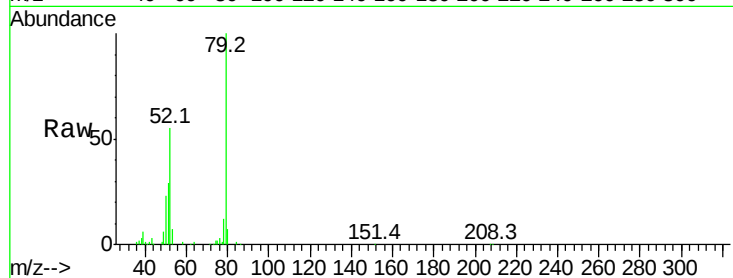
Tot Ion: 79 Resp: 120158

Ion Ratio Lower Upper

79 100

52 54.6 69.9 104.9#

51 28.7 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 35.458 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

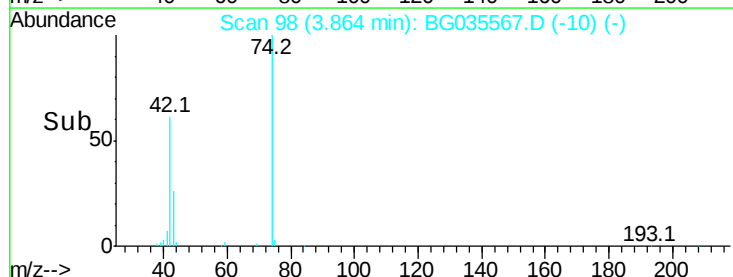
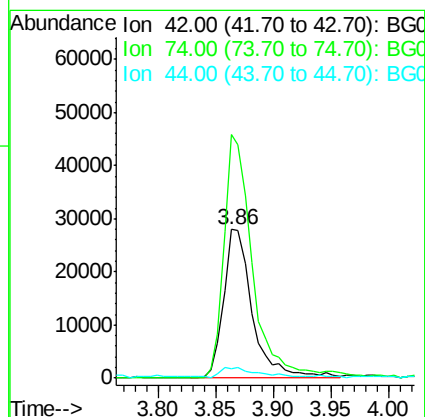
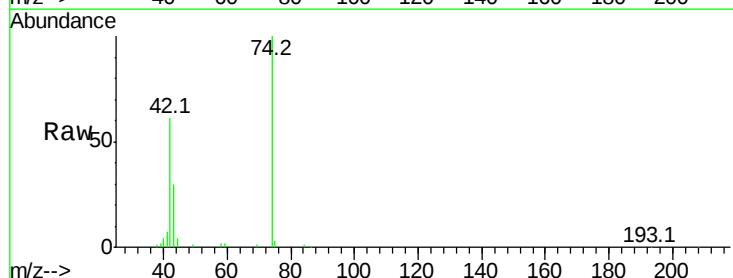
Tgt Ion: 42 Resp: 48732

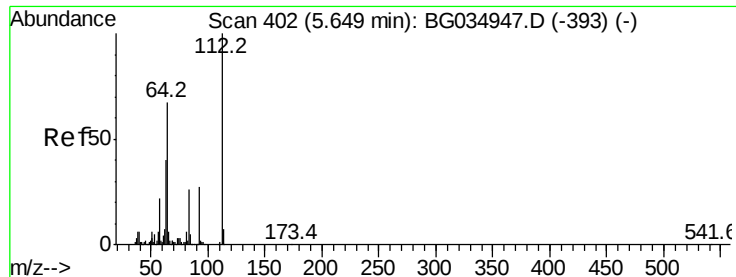
Ion Ratio Lower Upper

42 100

74 164.0 102.5 153.7#

44 6.5 18.9 28.3#





#5

2-Fluorophenol

Concen: 154.492 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

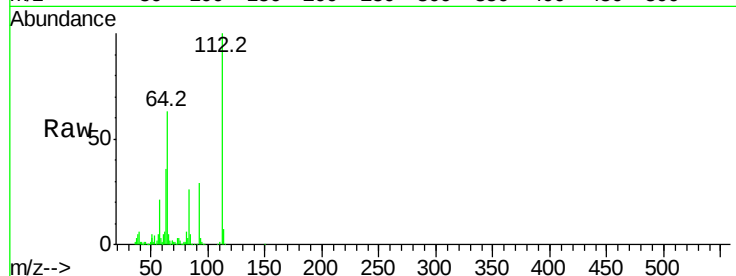
Tot Ion:112 Resp: 383921

Ion Ratio Lower Upper

112 100

64 63.0 56.3 84.5

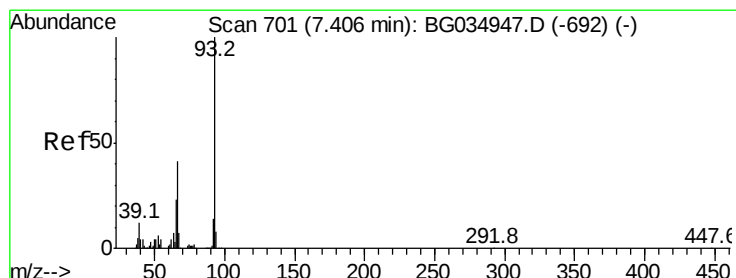
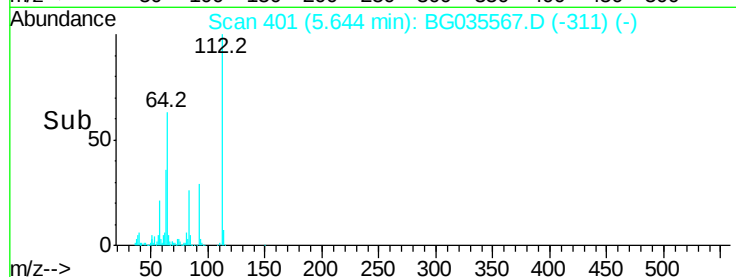
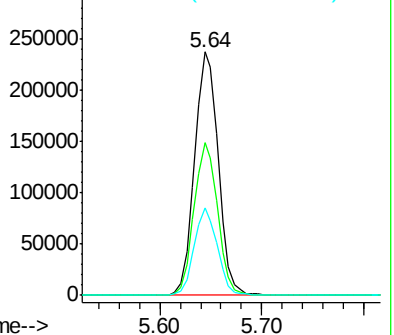
63 35.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.095 ng

RT: 7.39 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

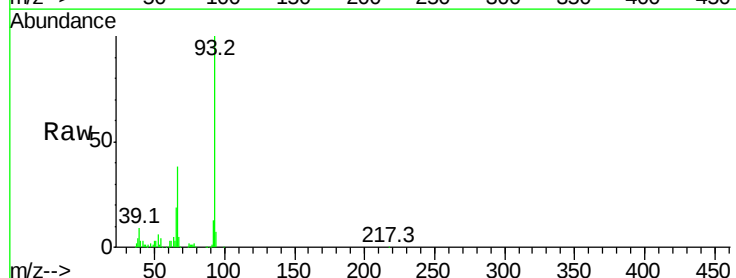
Tgt Ion: 93 Resp: 152165

Ion Ratio Lower Upper

93 100

66 38.0 33.7 50.5

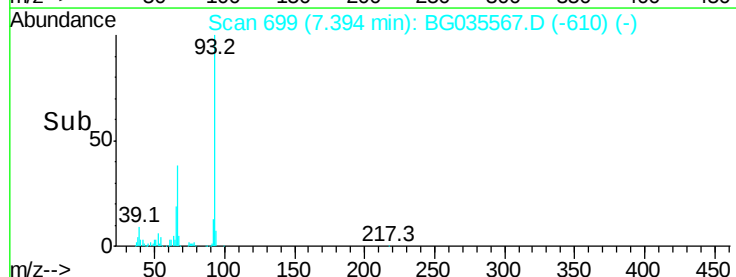
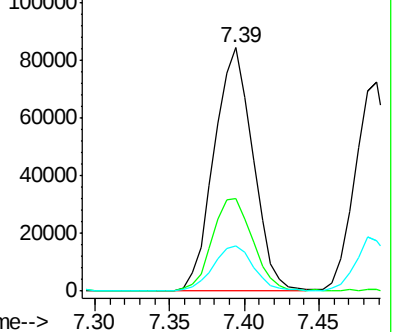
65 18.7 16.1 24.1

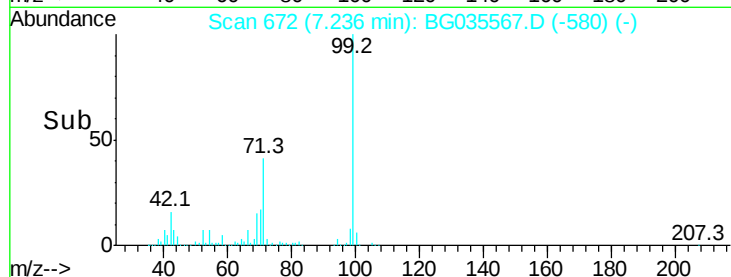
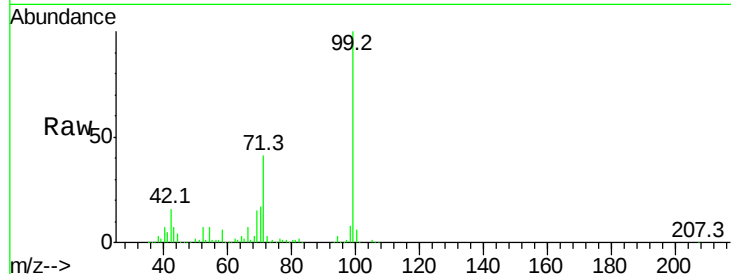
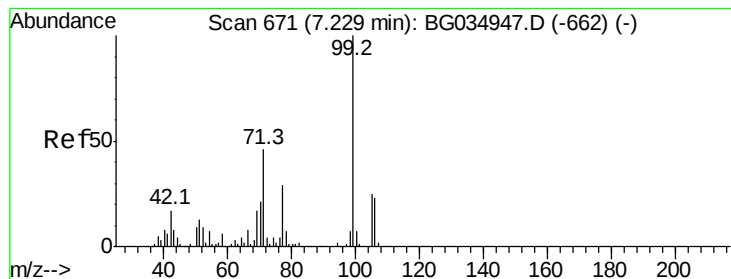


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.318 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampled :

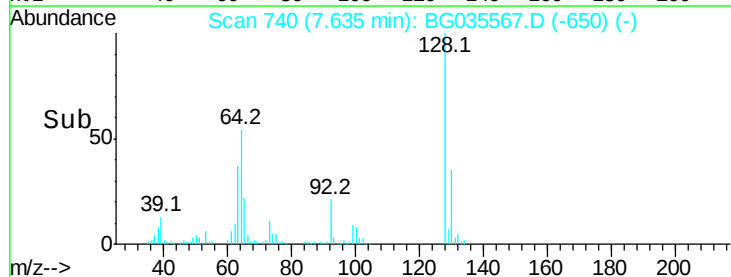
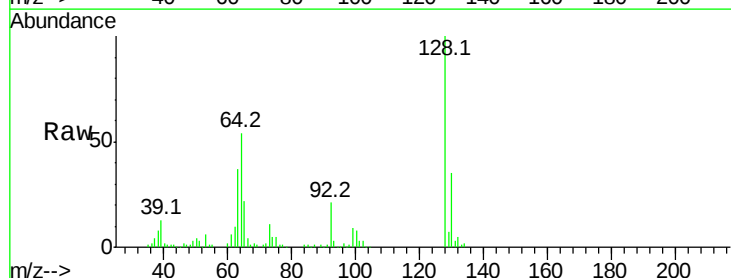
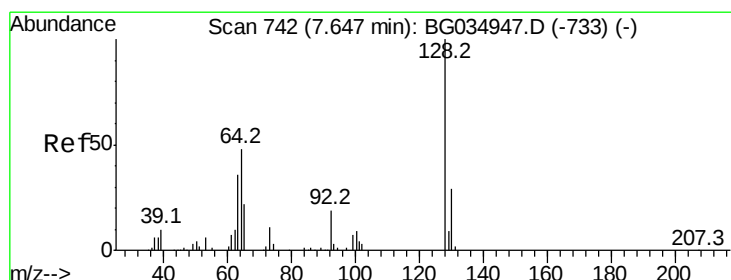
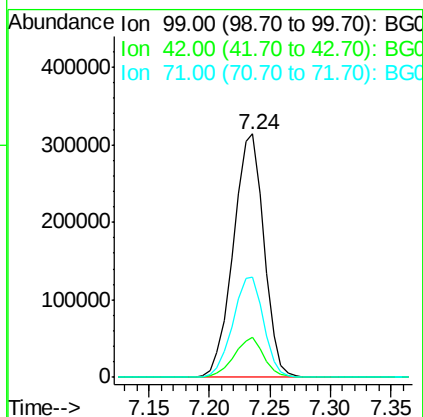
Tot Ion: 99 Resp: 555003

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 41.3 26.1 39.1#



#8

2-Chlorophenol

Concen: 46.553 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

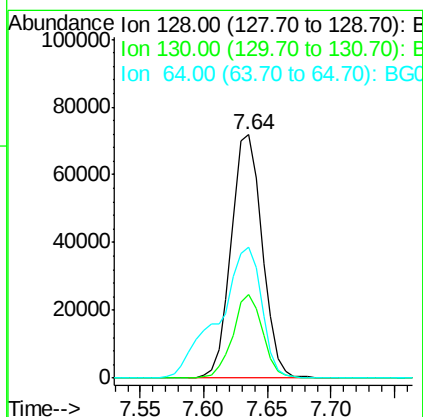
Tgt Ion: 128 Resp: 121264

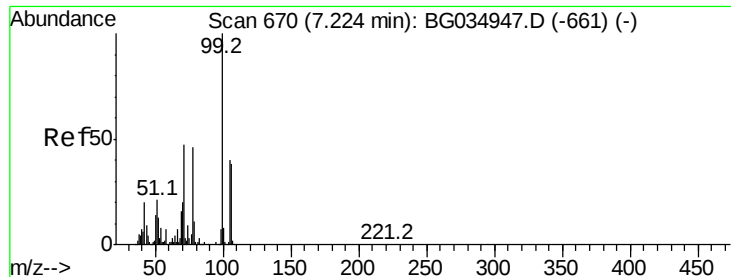
Ion Ratio Lower Upper

128 100

130 34.5 14.0 54.0

64 53.8 37.7 77.7





#9

Benzaldehyde

Concen: 24.170 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

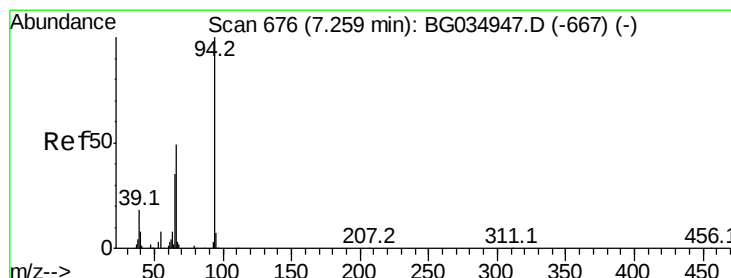
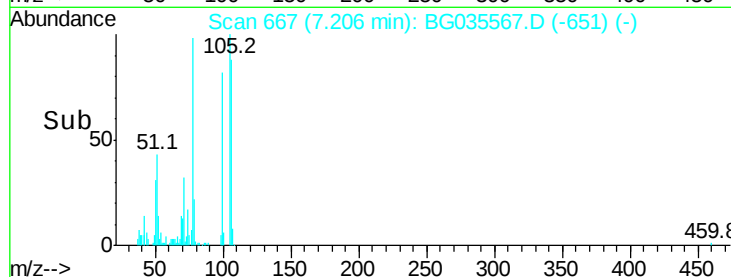
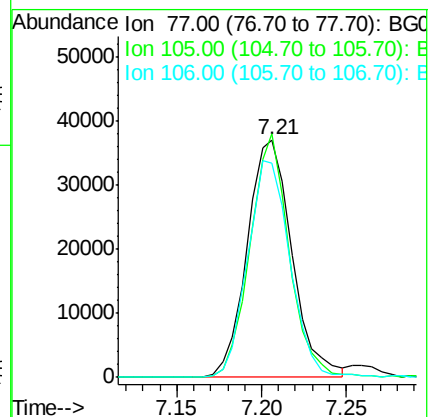
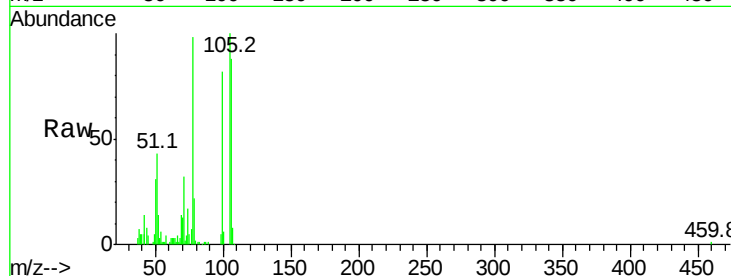
Tot Ion: 77 Resp: 68284

Ion Ratio Lower Upper

77 100

105 102.5 71.3 111.3

106 90.2 64.2 104.2



#10

Phenol

Concen: 48.390 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

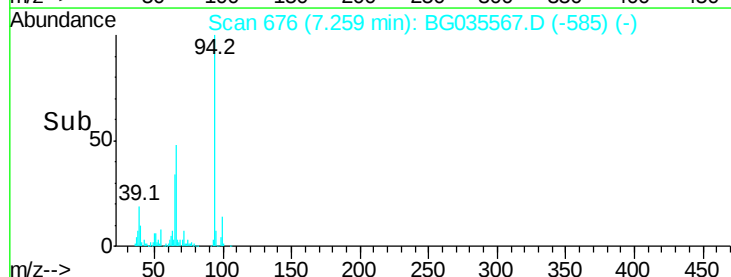
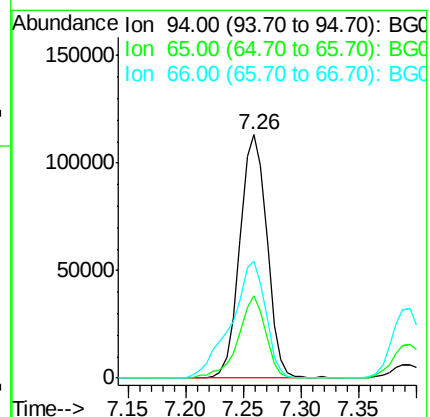
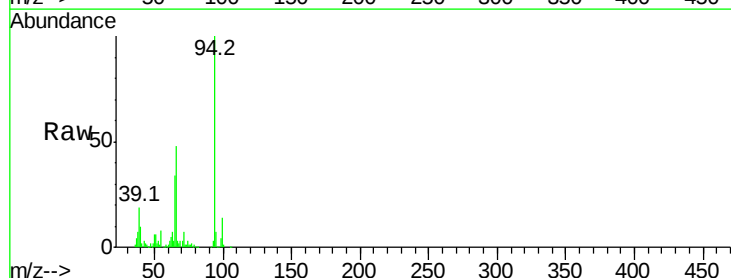
Tgt Ion: 94 Resp: 183676

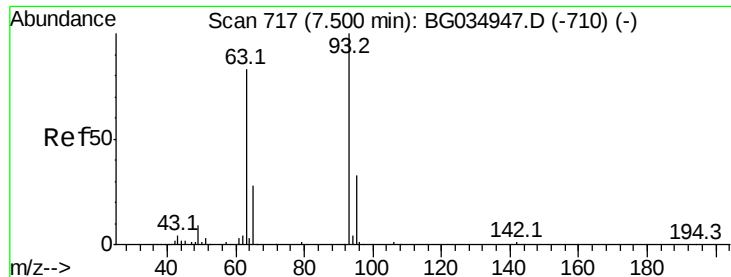
Ion Ratio Lower Upper

94 100

65 34.0 11.9 51.9

66 48.1 22.2 62.2

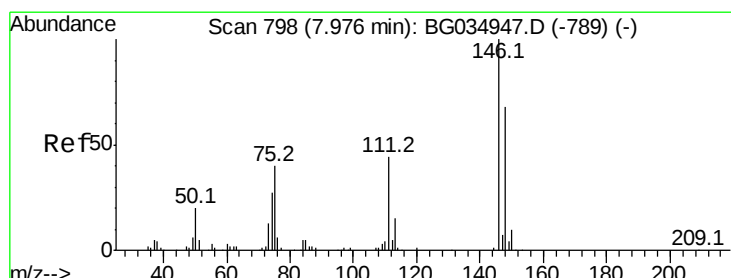
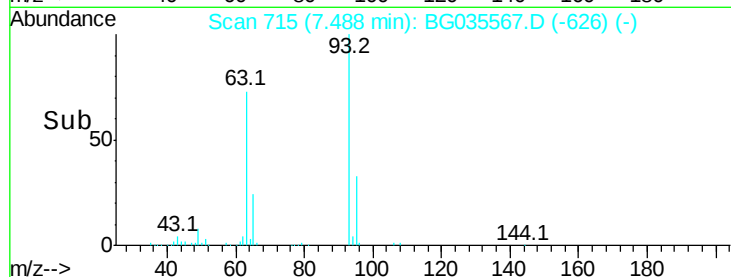
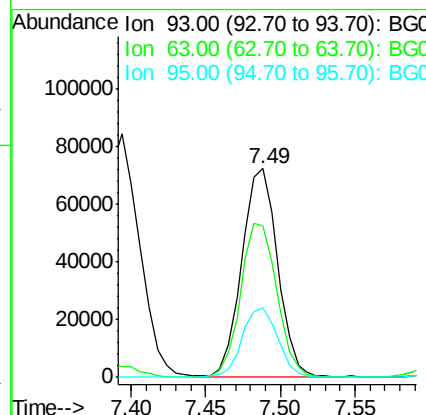
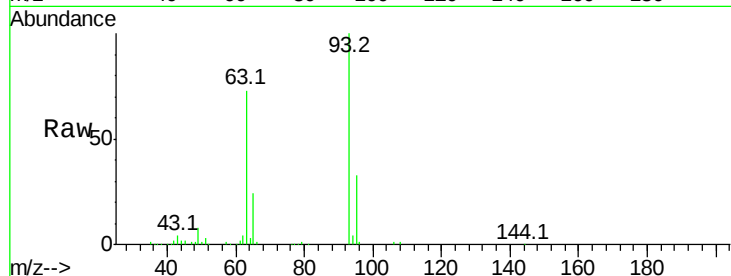




#11
bis(2-Chloroethyl)ether
Concen: 41.172 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.01 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

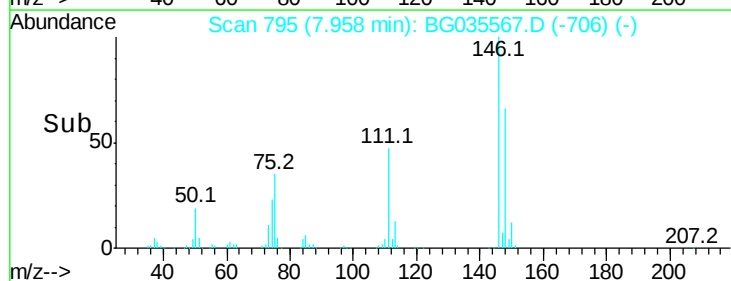
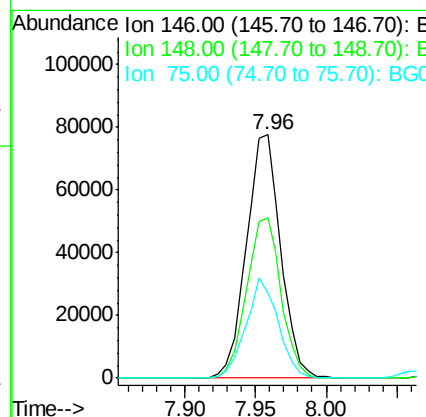
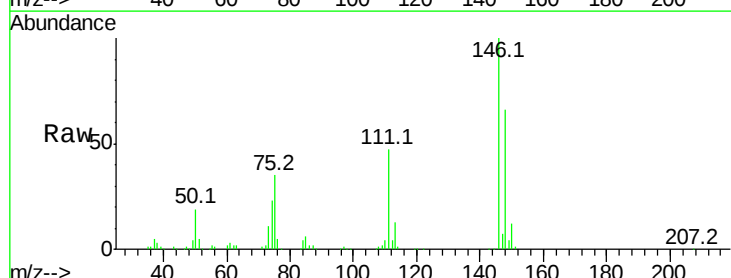
Instrument :
BNA_G
ClientSampleId :

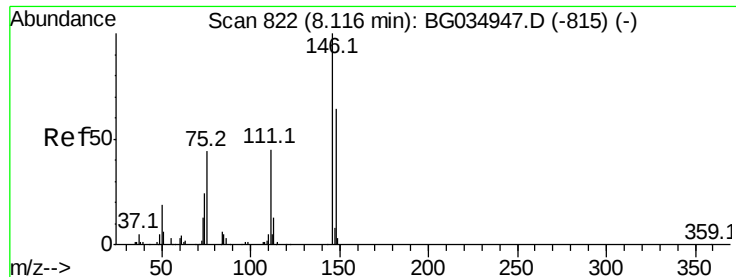
Tot Ion: 93 Resp: 121297
Ion Ratio Lower Upper
93 100
63 72.8 67.1 107.1
95 33.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 42.339 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.01 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Tgt Ion: 146 Resp: 131590
Ion Ratio Lower Upper
146 100
148 65.9 51.4 77.2
75 34.7 26.6 39.8

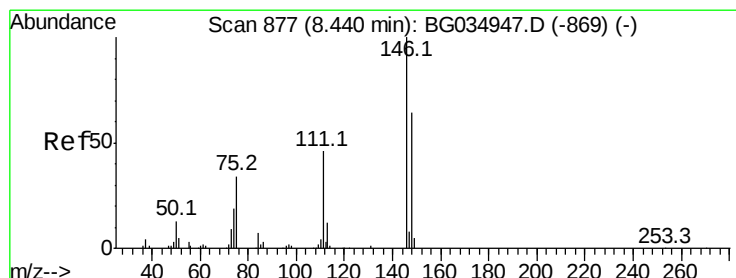
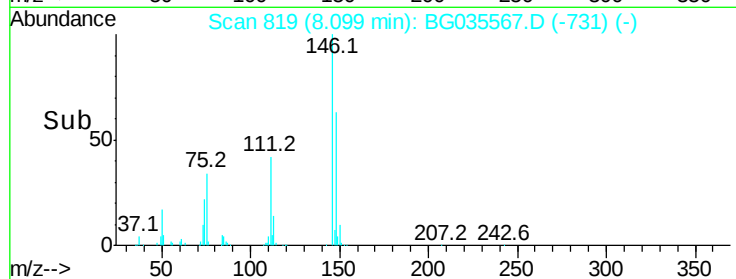
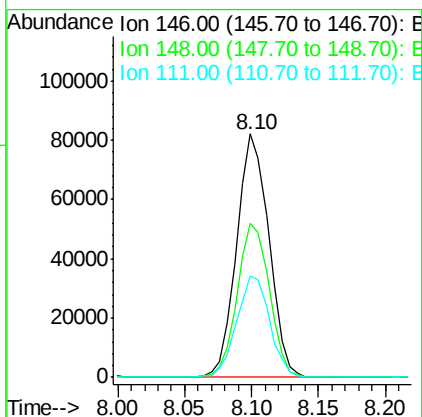
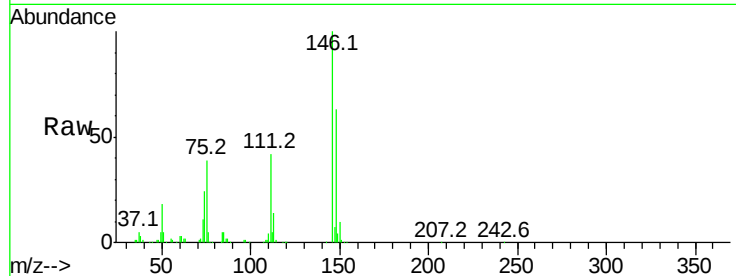




#13
 1,4-Dichlorobenzene
 Concen: 42.740 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

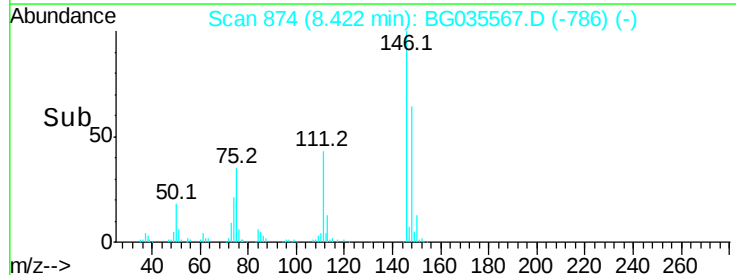
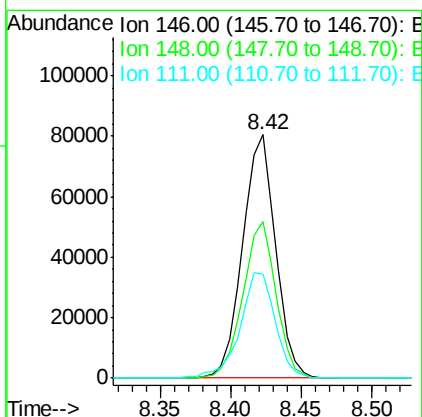
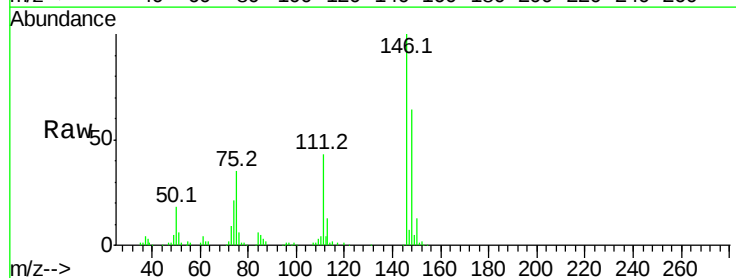
Instrument :
 BNA_G
 ClientSampleId :

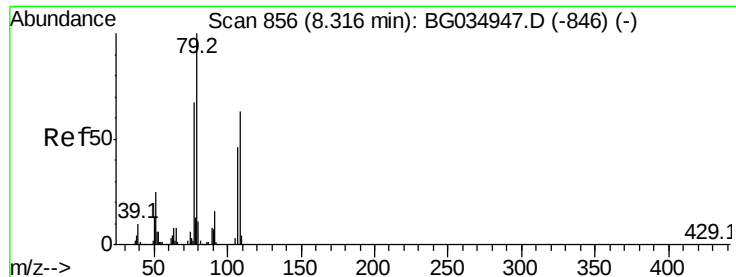
Tot Ion:146 Resp: 137127
 Ion Ratio Lower Upper
 146 100
 148 63.4 53.7 80.5
 111 41.5 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 43.792 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Tgt Ion:146 Resp: 131974
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.3 73.9
 111 42.8 34.3 51.5





#15

Benzyl Alcohol

Concen: 42.423 ng

RT: 8.30 min Scan# 854

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

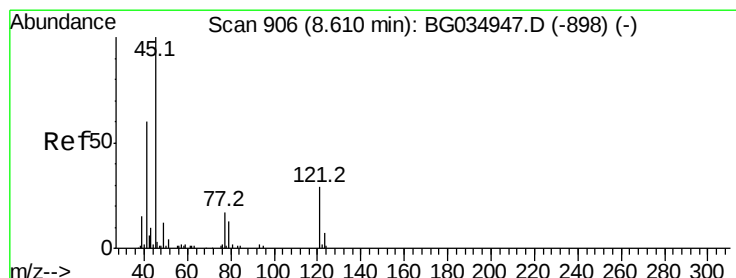
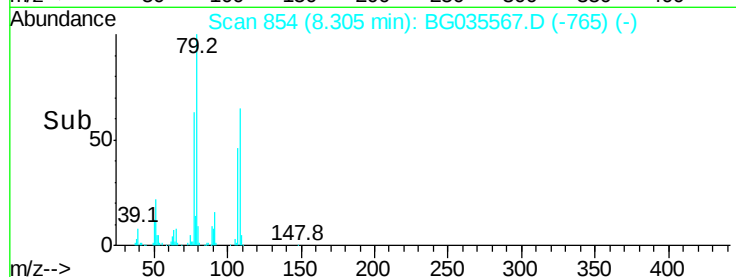
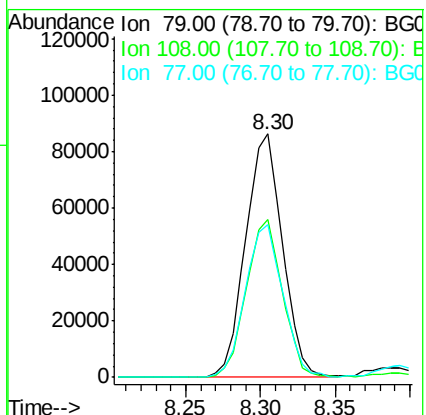
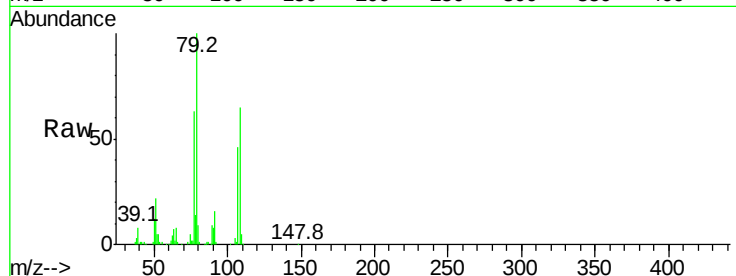
Tot Ion: 79 Resp: 147437

Ion Ratio Lower Upper

79 100

108 64.9 57.2 85.8

77 62.8 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.081 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

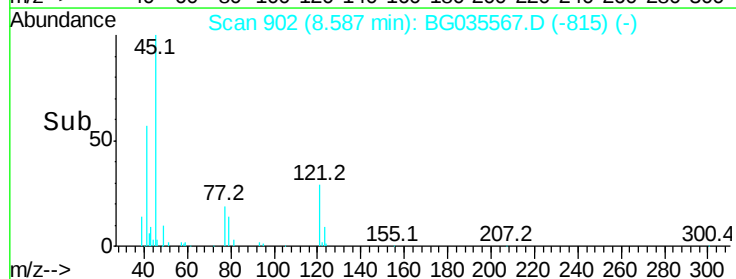
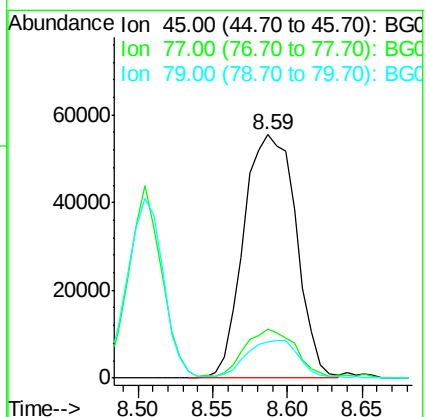
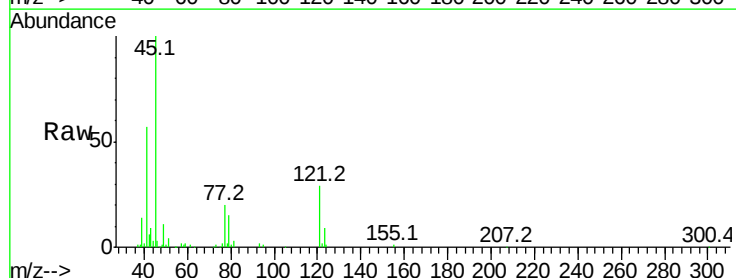
Tgt Ion: 45 Resp: 135121

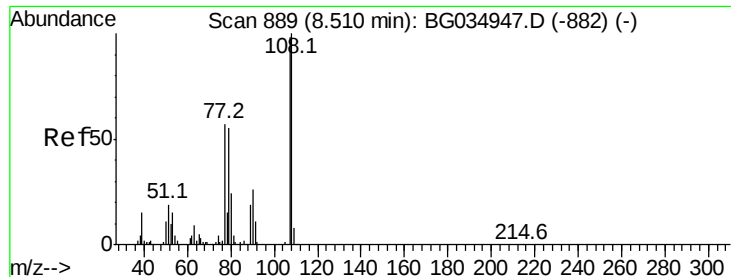
Ion Ratio Lower Upper

45 100

77 20.1 0.0 30.2

79 15.1 0.0 27.9





#17

2-Methylphenol

Concen: 49.389 ng

RT: 8.50 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 123596

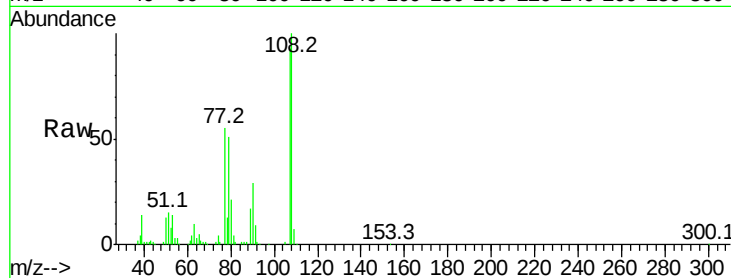
Ion Ratio Lower Upper

107 100

108 107.0 83.9 125.9

77 58.9 37.2 55.8#

79 54.9 36.2 54.2#

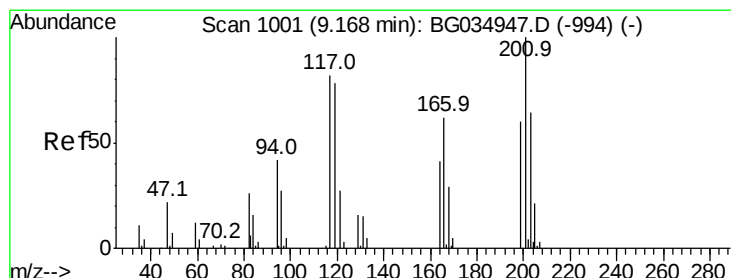
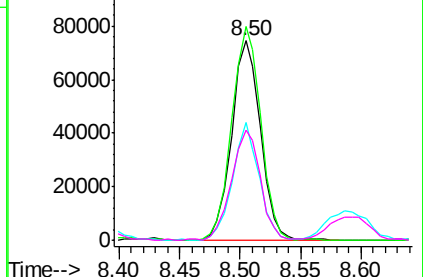
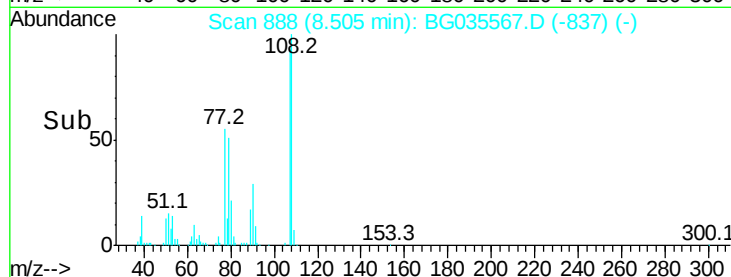


Abundance Ion 107.00 (106.70 to 107.70): E

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: 45.252 ng

RT: 9.14 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

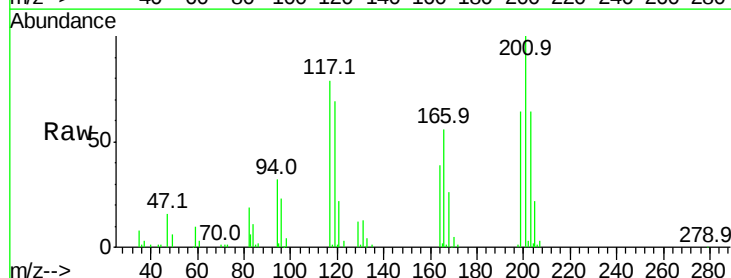
Tgt Ion:117 Resp: 51977

Ion Ratio Lower Upper

117 100

119 87.5 76.7 115.1

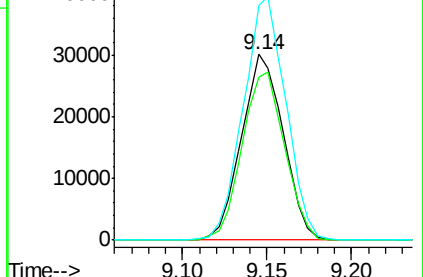
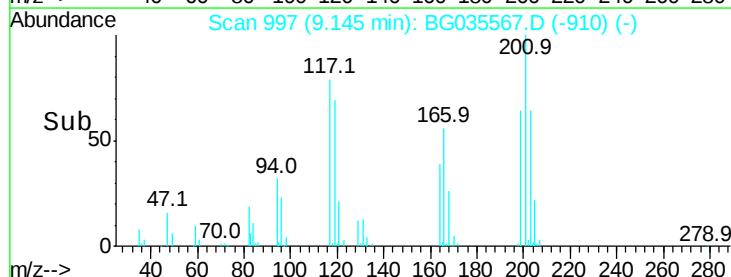
201 126.2 95.7 143.5

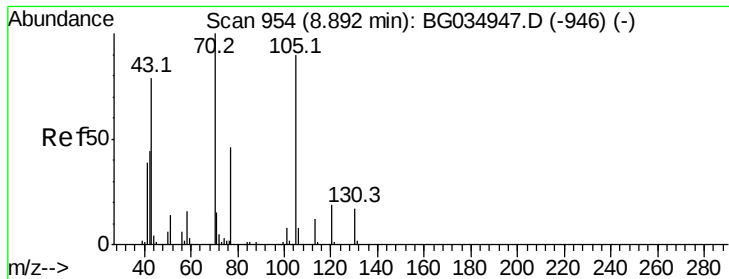


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

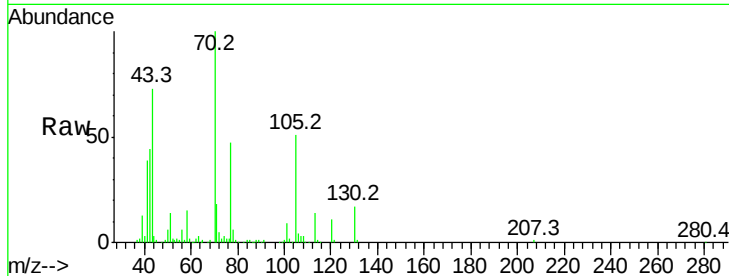




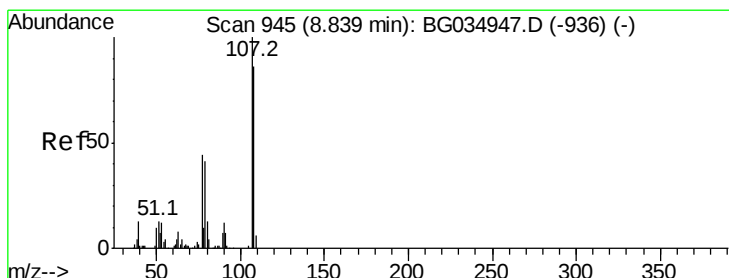
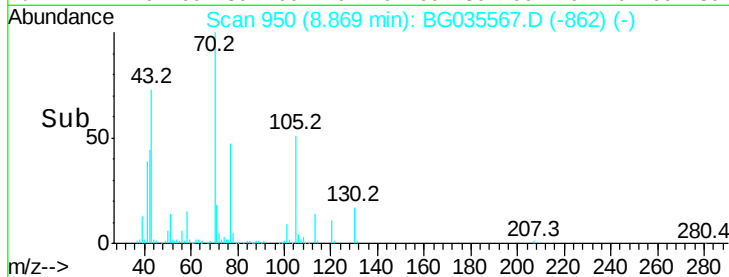
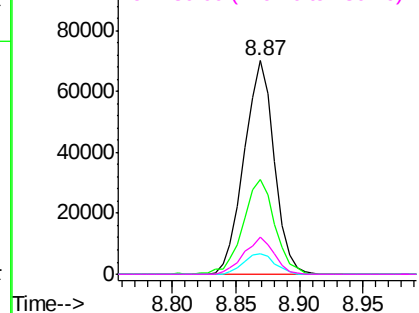
#19
n-Nitroso-di-n-propylamine
Concen: 37.026 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 115375
Ion Ratio Lower Upper
70 100
42 44.5 49.1 73.7#
101 9.4 8.5 12.7
130 17.1 13.4 20.0

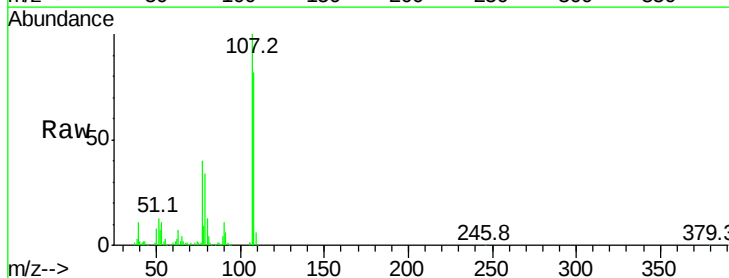


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

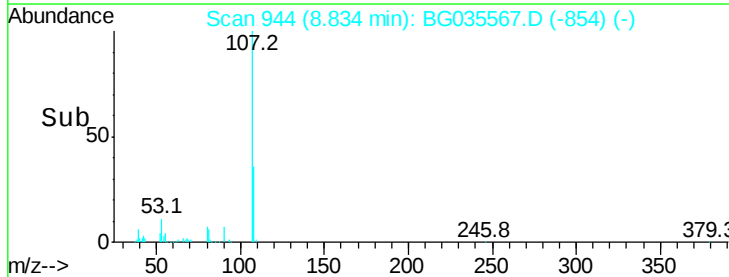
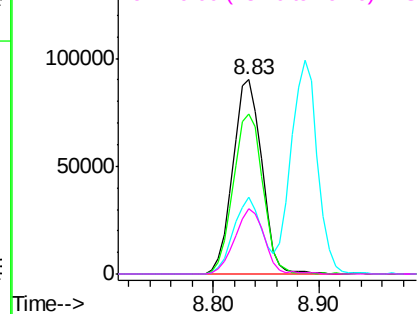


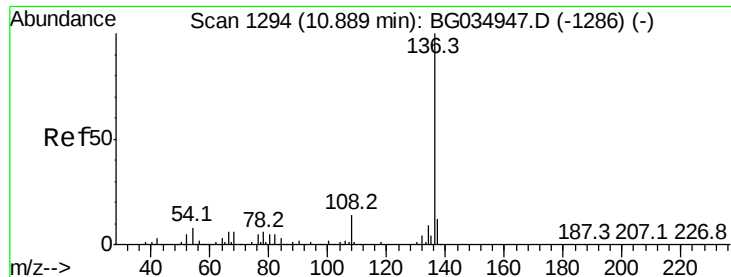
#20
3+4-Methylphenols
Concen: 47.433 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Tgt Ion: 107 Resp: 170141
Ion Ratio Lower Upper
107 100
108 82.4 61.6 101.6
77 39.7 13.9 53.9
79 33.8 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

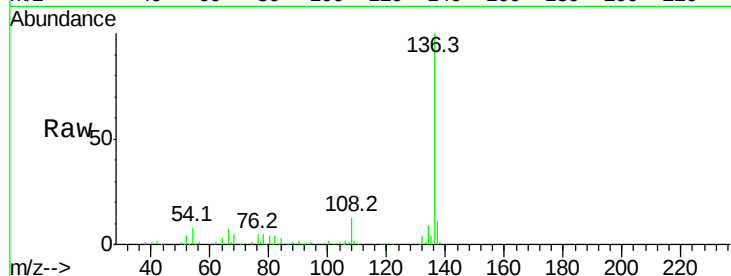




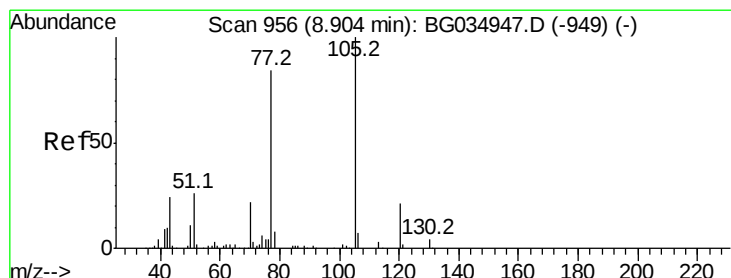
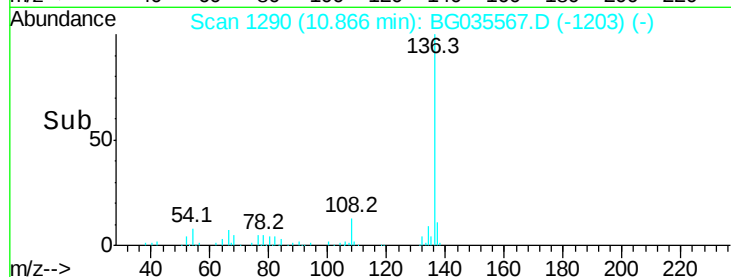
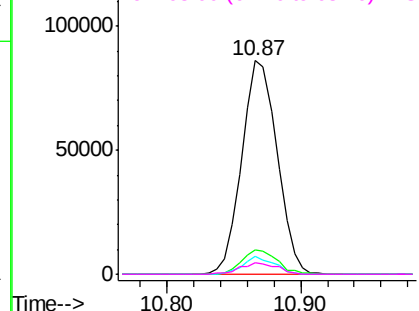
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	157643
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.3	10.3	15.5#
68	5.5	4.5	6.7

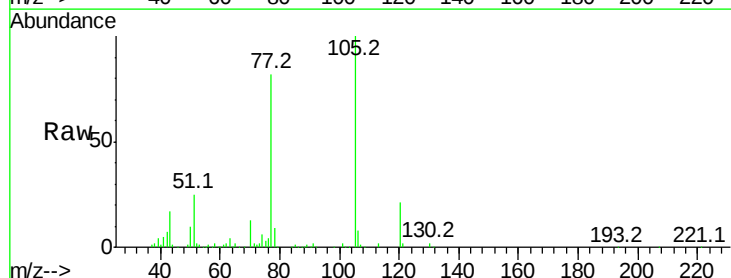


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

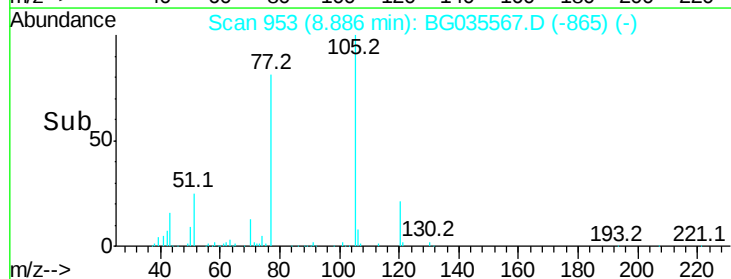
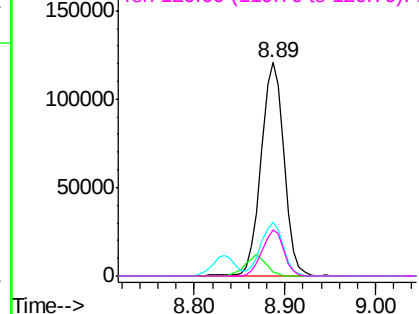


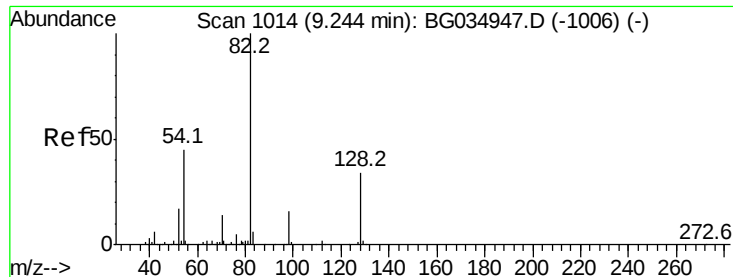
#22
Acetophenone
Concen: 43.453 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Tgt Ion:	105	Resp:	212196
Ion	Ratio	Lower	Upper
105	100		
71	2.1	3.0	4.4#
51	25.2	26.1	39.1#
120	21.3	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

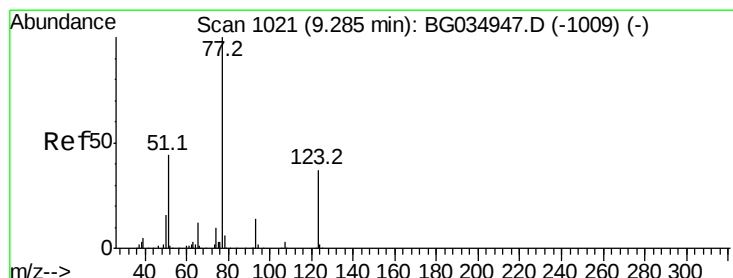
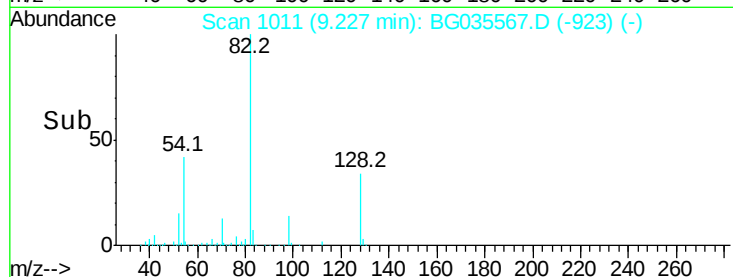
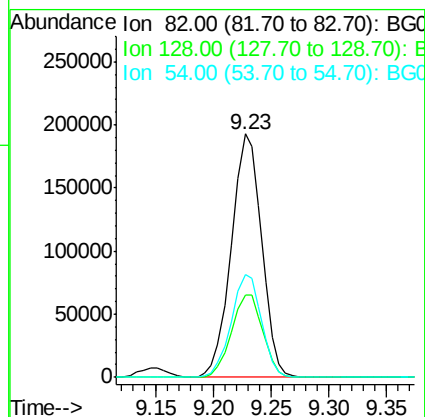
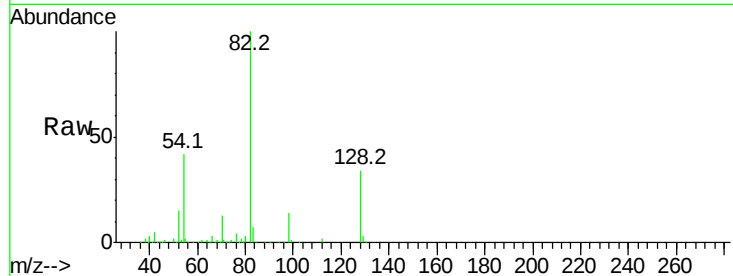




#23
 Nitrobenzene-d5
 Concen: 105.279 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

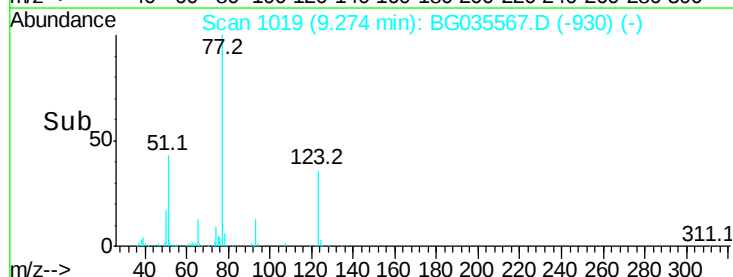
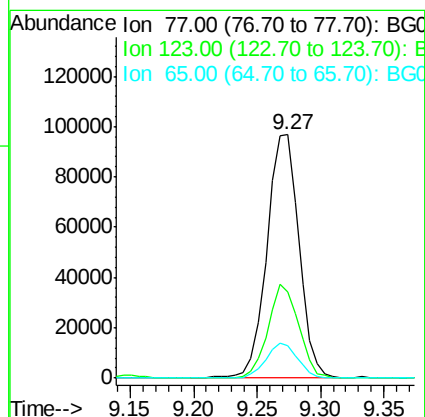
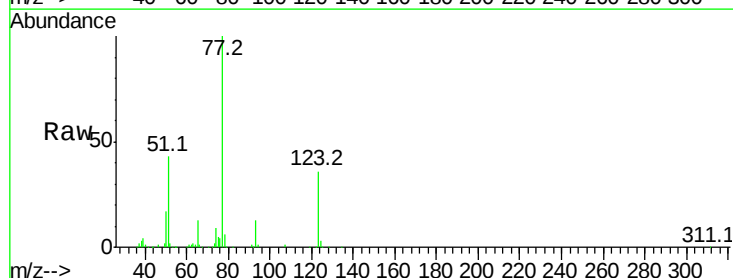
Instrument :
 BNA_G
 ClientSampleId :

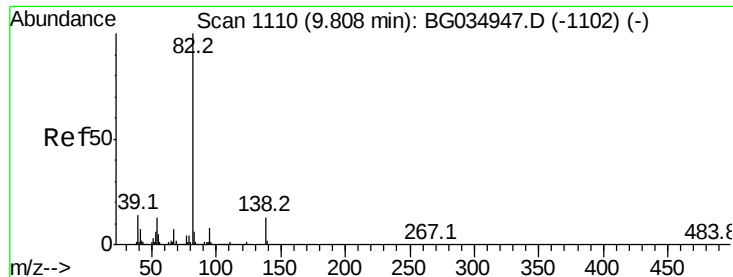
Tot Ion	82	Resp	349148
Ion	Ratio	Lower	Upper
82	100		
128	33.9	29.7	44.5
54	42.4	43.1	64.7#



#24
 Nitrobenzene
 Concen: 50.281 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Tgt Ion	77	Resp	170754
Ion	Ratio	Lower	Upper
77	100		
123	35.5	33.0	49.6
65	13.2	13.0	19.6





#25

Isophorone

Concen: 46.078 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

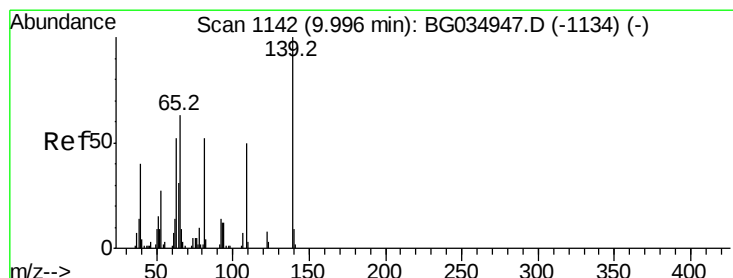
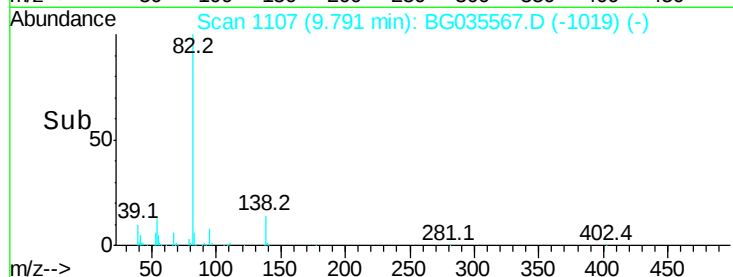
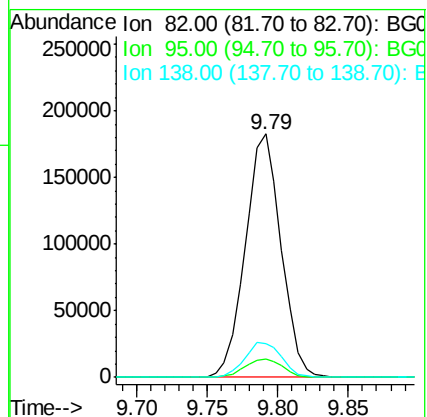
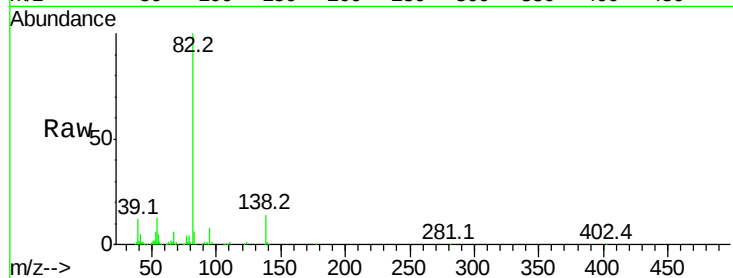
Tot Ion: 82 Resp: 322633

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 13.7 12.1 18.1



#26

2-Nitrophenol

Concen: 58.781 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

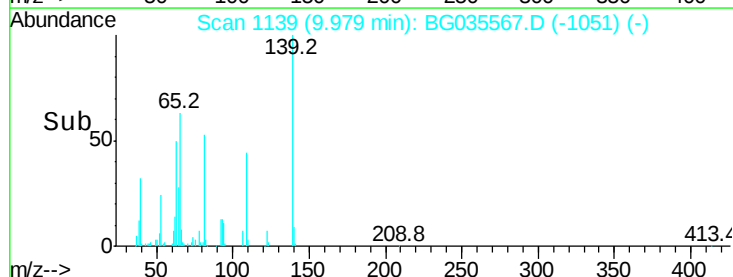
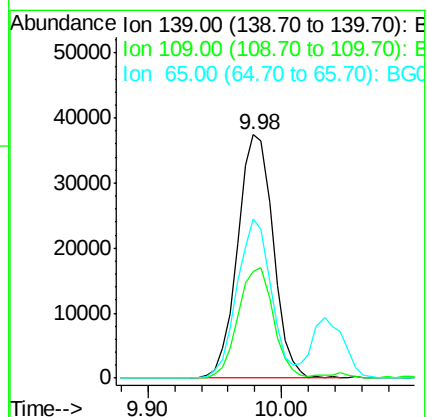
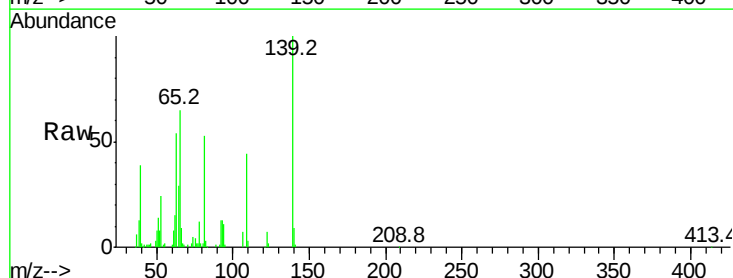
Tgt Ion: 139 Resp: 68808

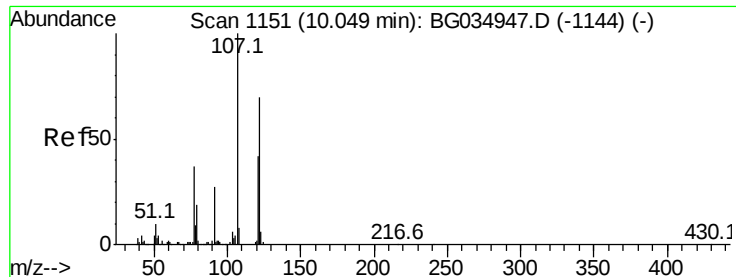
Ion Ratio Lower Upper

139 100

109 44.1 24.2 36.2#

65 65.2 47.4 71.0

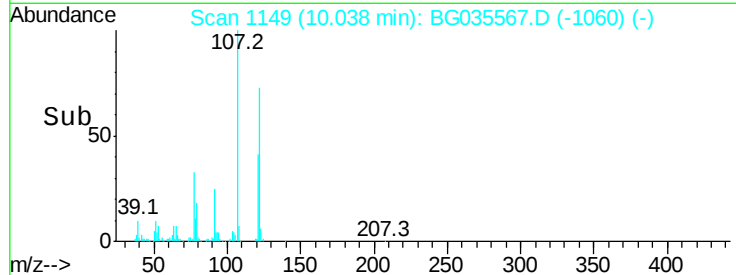
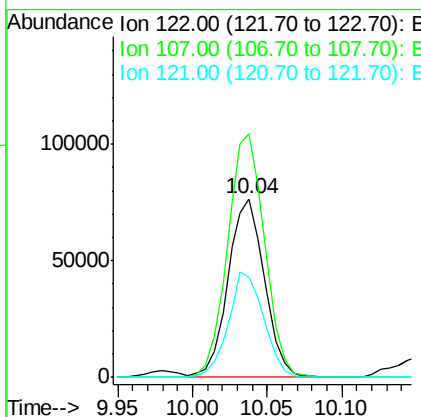
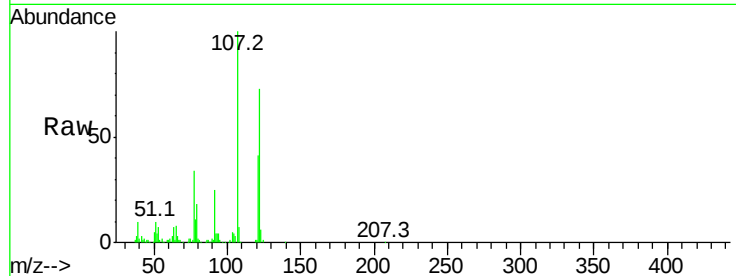




#27
 2,4-Dimethylphenol
 Concen: 52.894 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

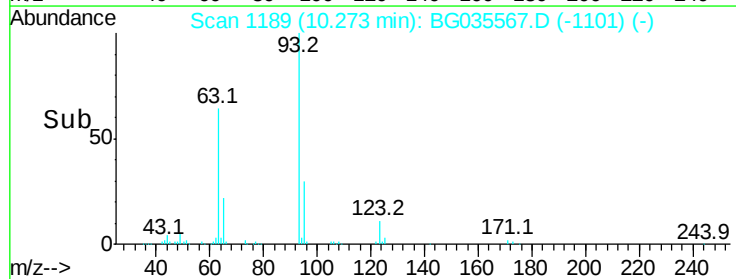
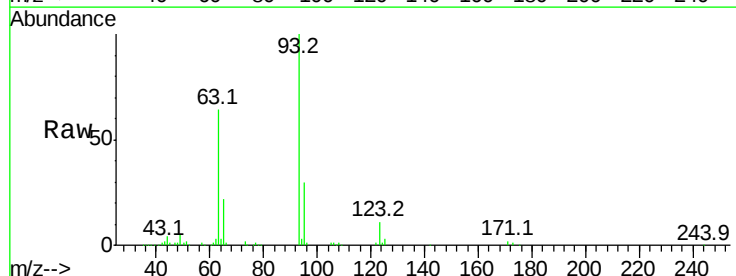
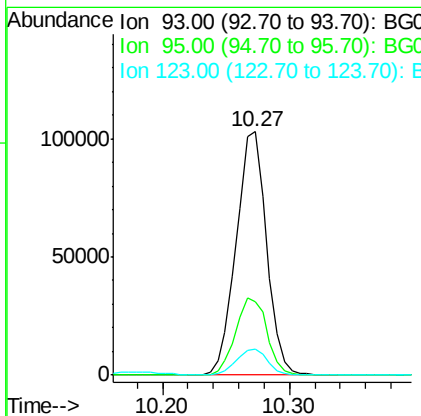
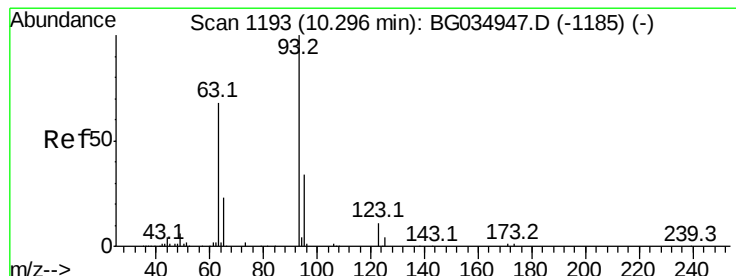
Instrument :
 BNA_G
 ClientSampleId :

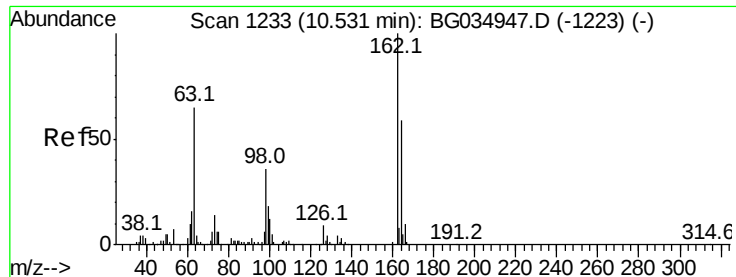
Tot Ion	Ratio	Lower	Upper
122	100		
107	136.1	100.2	150.2
121	56.0	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.472 ng
 RT: 10.27 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.4	24.3	36.5
123	10.9	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 53.575 ng

RT: 10.52 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

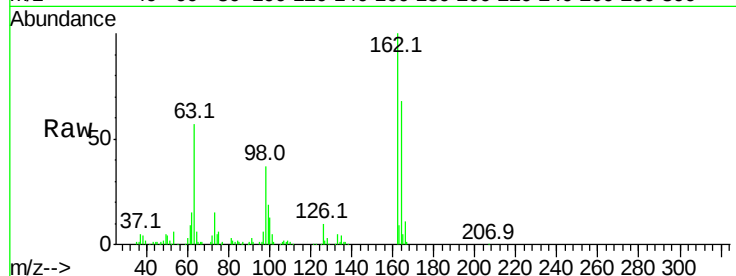
Tot Ion:162 Resp: 143434

Ion Ratio Lower Upper

162 100

164 68.1 48.0 88.0

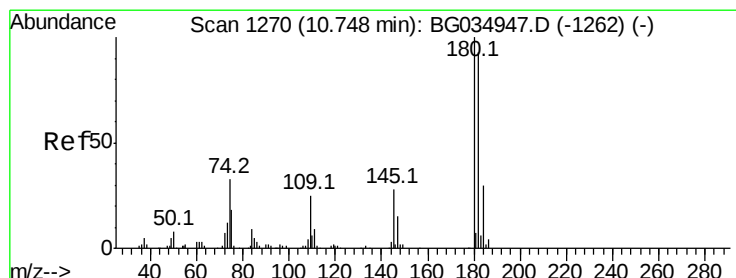
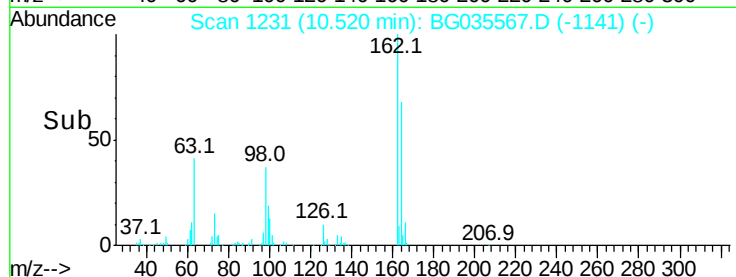
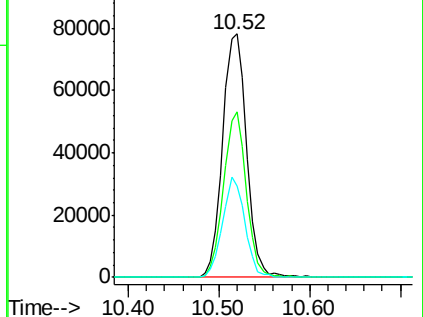
98 37.3 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 47.842 ng

RT: 10.73 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

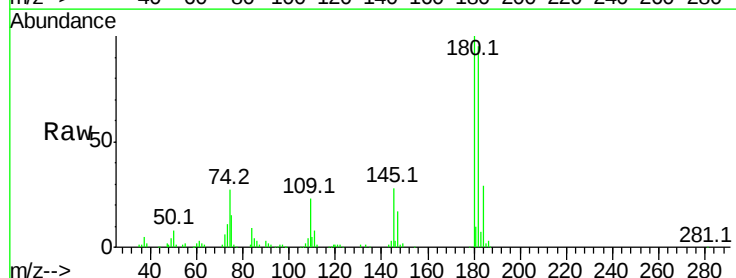
Tgt Ion:180 Resp: 153588

Ion Ratio Lower Upper

180 100

182 95.2 77.5 116.3

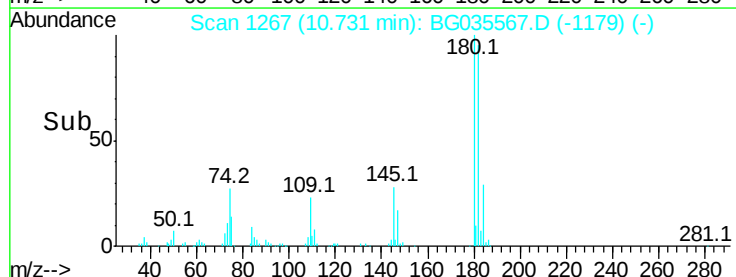
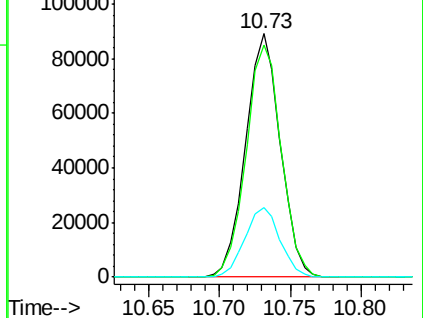
145 28.3 23.4 35.2

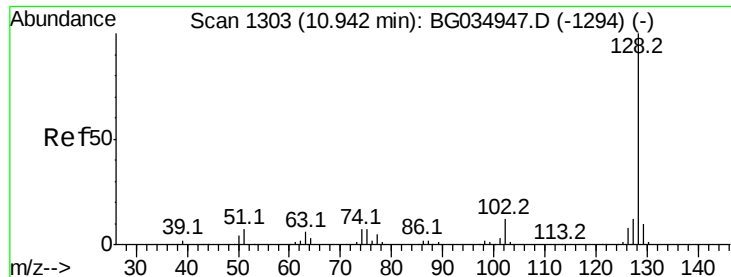


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

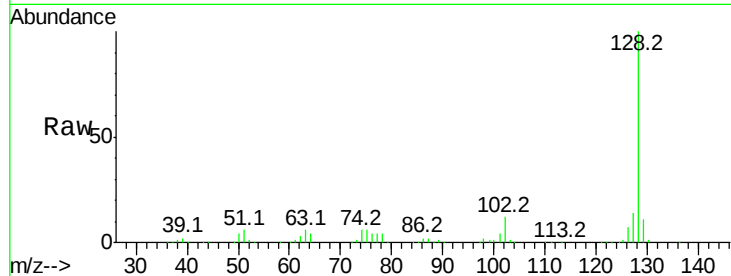




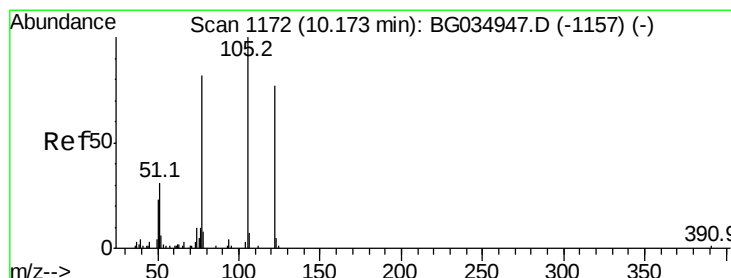
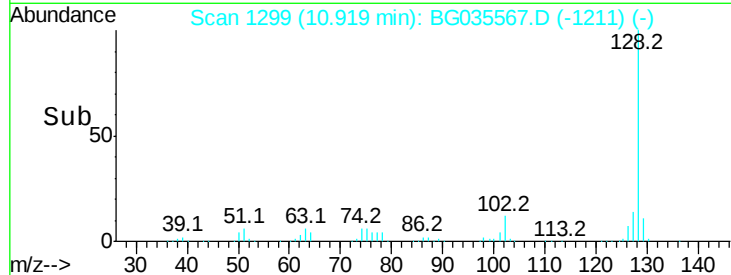
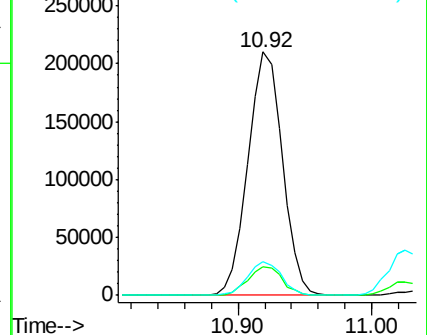
#31
Naphthalene
Concen: 45.552 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 373045
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 13.7 11.6 17.4

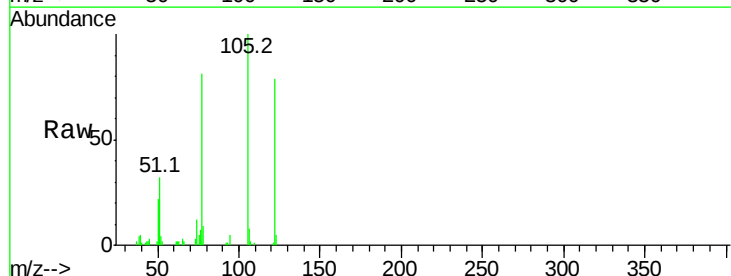


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

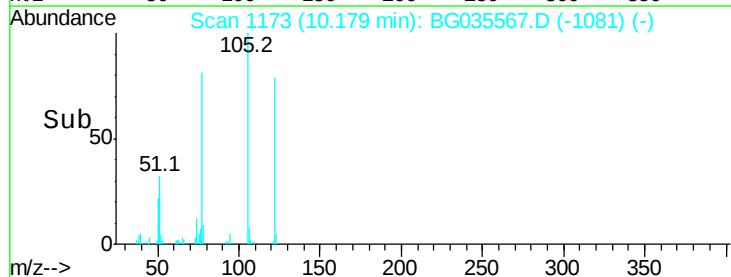
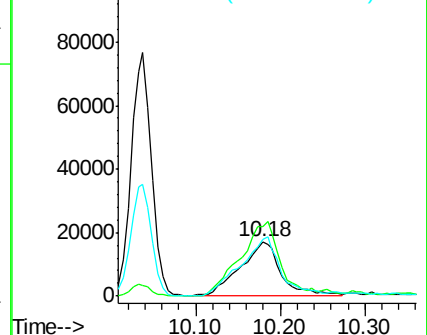


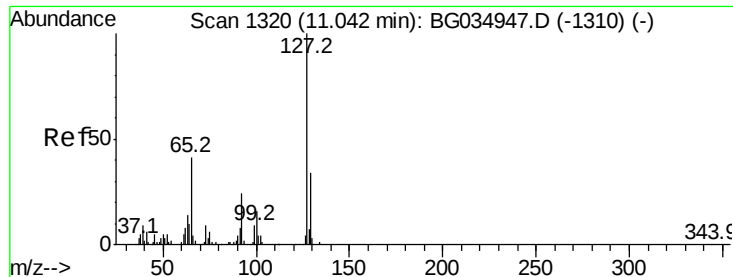
#32
Benzoic acid
Concen: 35.246 ng
RT: 10.18 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Tgt Ion:122 Resp: 58087
Ion Ratio Lower Upper
122 100
105 127.1 123.5 163.5
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

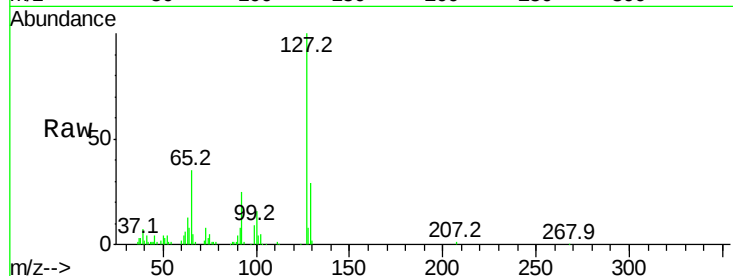




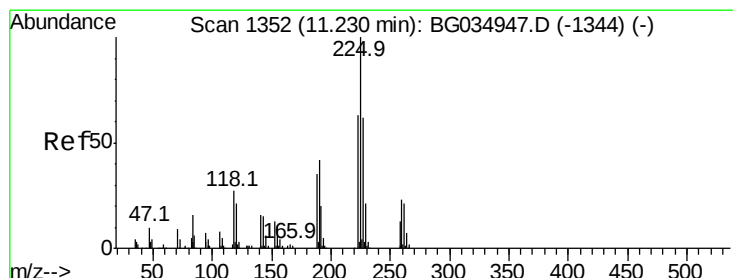
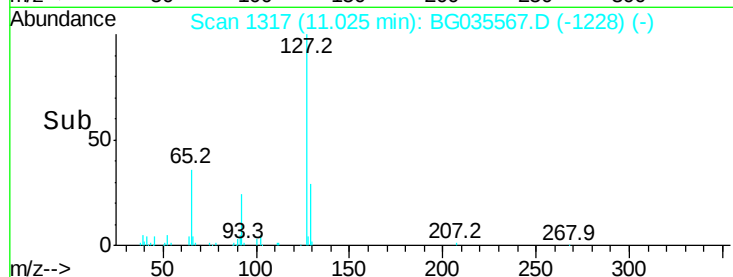
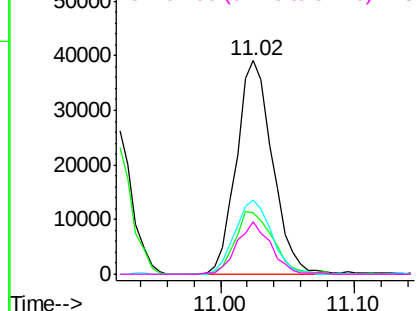
#33
4-Chloroaniline
Concen: 20.594 ng
RT: 11.02 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	73232
Ion	Ratio	Lower	Upper
127	100		
129	28.5	24.0	36.0
65	34.8	27.0	40.4
92	24.6	16.6	25.0

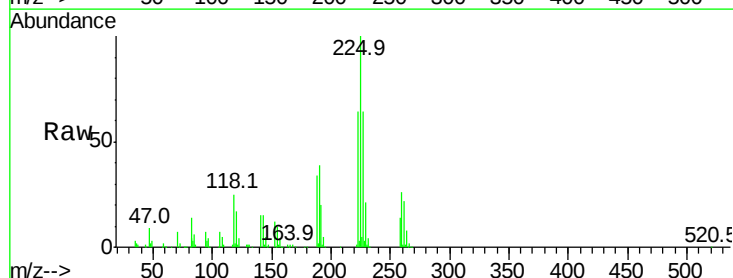


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

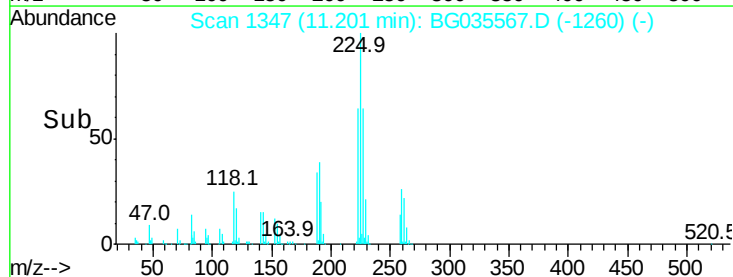
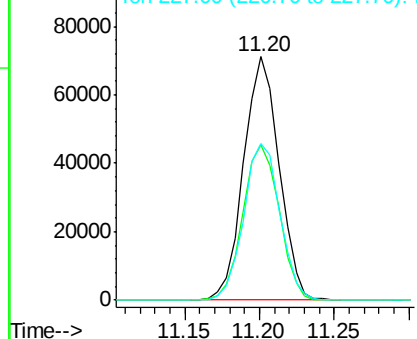


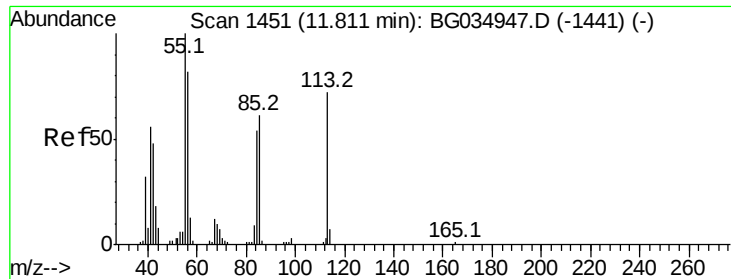
#34
Hexachlorobutadiene
Concen: 46.807 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Tgt Ion:	225	Resp:	116861
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.7	74.5
227	64.5	48.1	72.1



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





#35

Caprolactam

Concen: 30.130 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

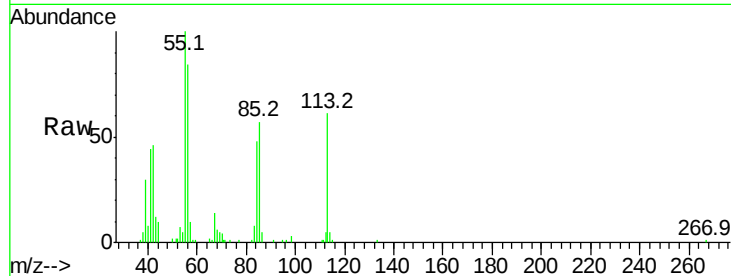
Tot Ion:113 Resp: 29812

Ion Ratio Lower Upper

113 100

55 163.9 186.9 226.9#

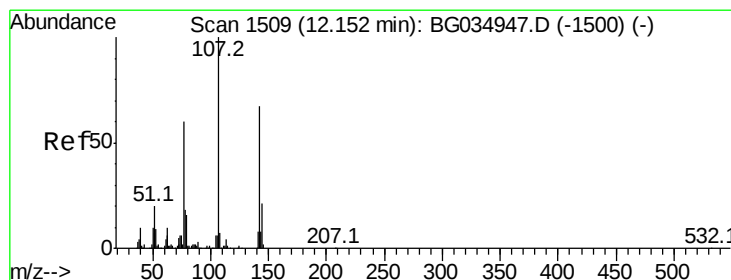
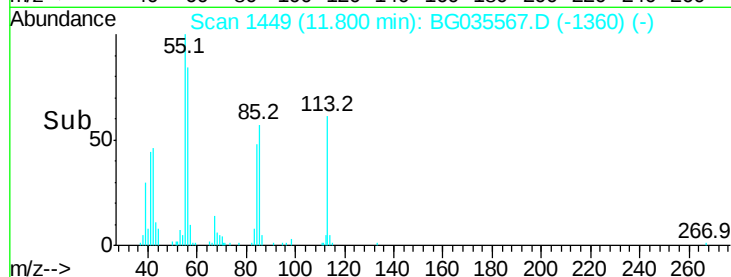
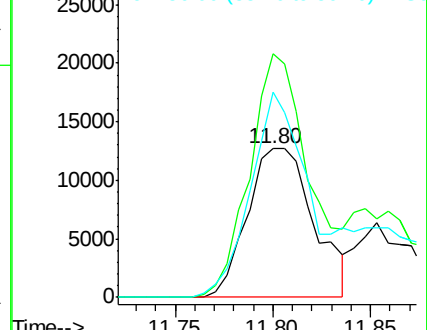
56 138.5 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 51.534 ng

RT: 12.15 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

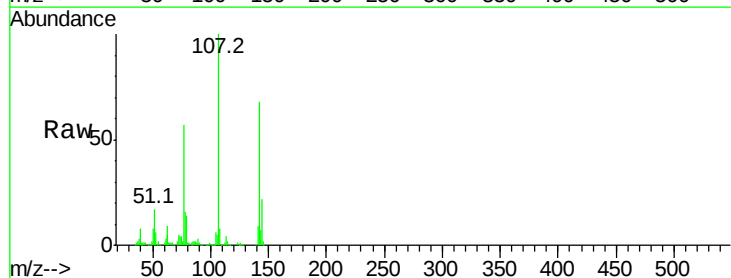
Tgt Ion:107 Resp: 171987

Ion Ratio Lower Upper

107 100

144 22.2 18.2 27.4

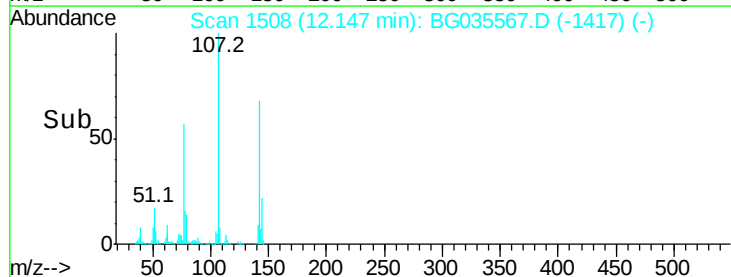
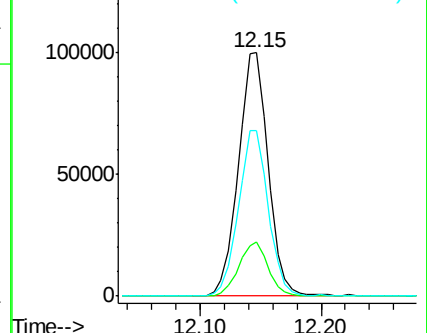
142 67.7 59.0 88.4

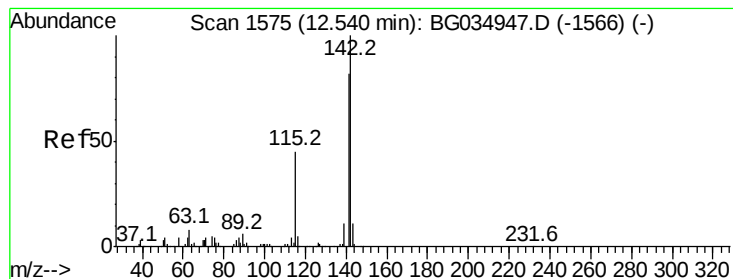


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.480 ng

RT: 12.52 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

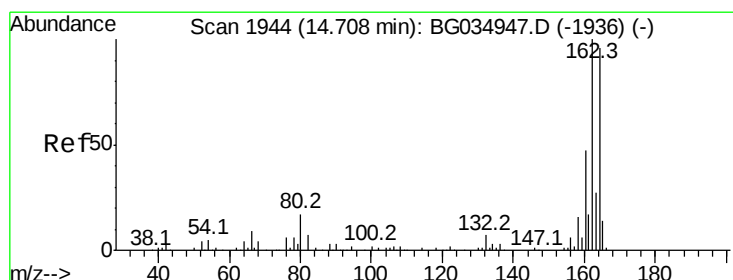
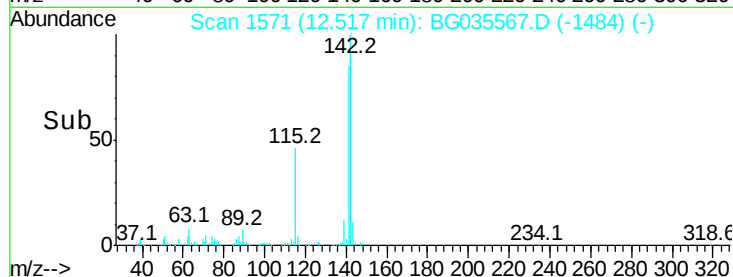
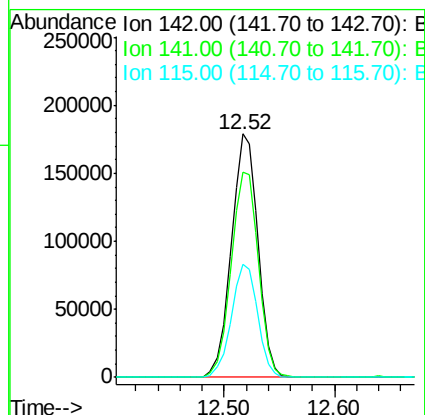
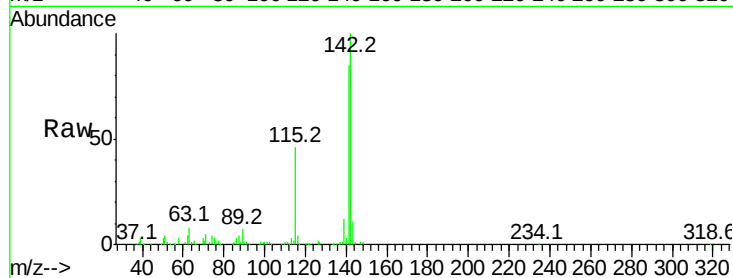
Tot Ion:142 Resp: 301004

Ion Ratio Lower Upper

142 100

141 84.5 67.1 100.7

115 46.2 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: BG035567.D

Acq: 3 Jul 2018 1:31

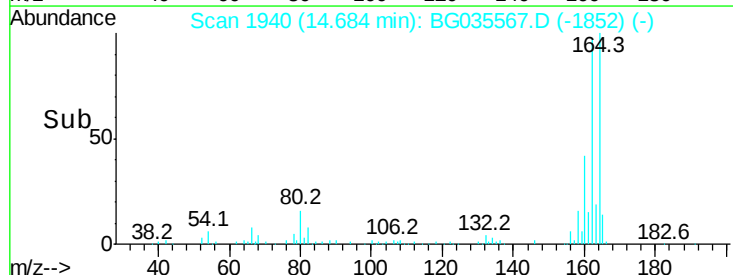
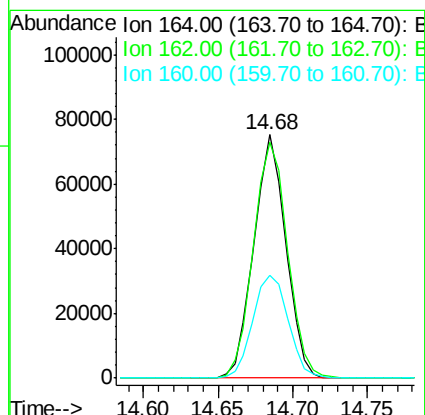
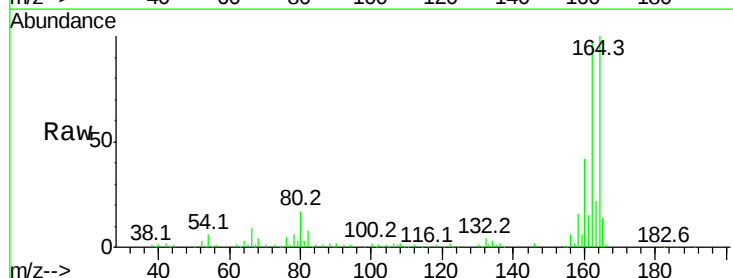
Tgt Ion:164 Resp: 111336

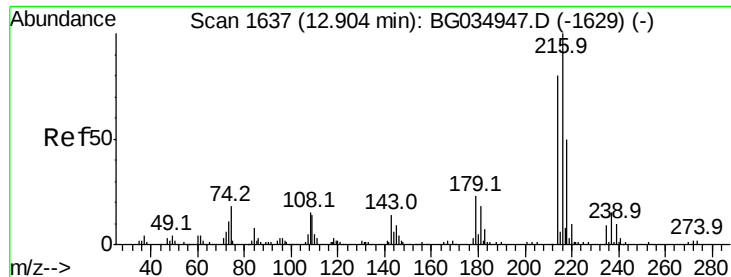
Ion Ratio Lower Upper

164 100

162 96.8 78.8 118.2

160 42.2 35.4 53.0

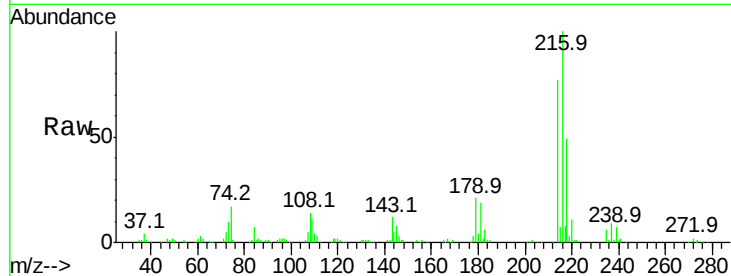




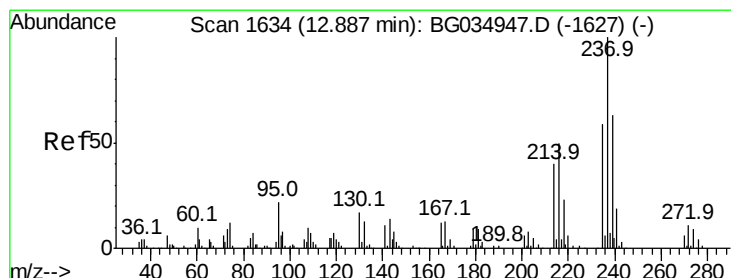
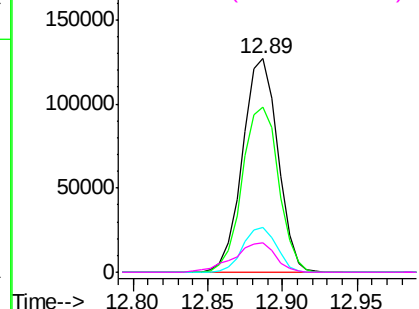
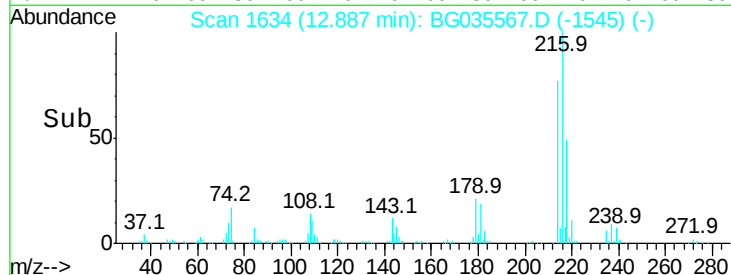
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.102 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	207774
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	20.3	17.0	25.6
108	16.5	12.8	19.2

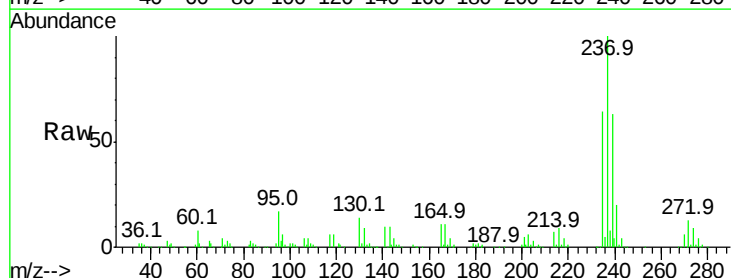


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

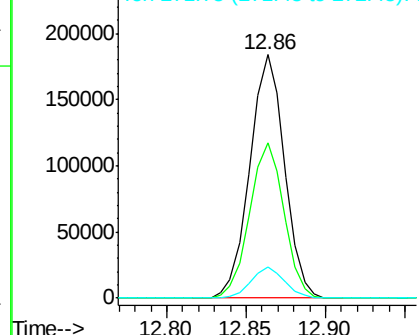
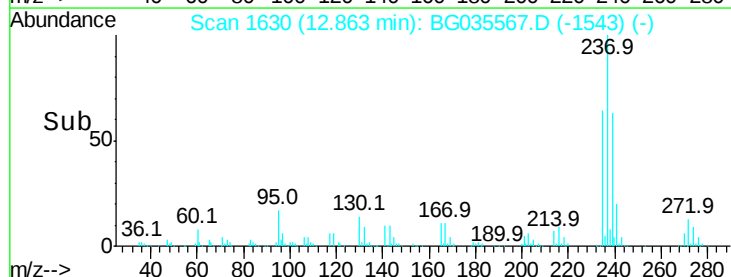


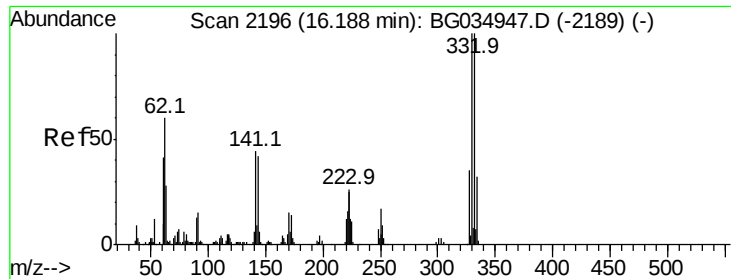
#40
 Hexachlorocyclopentadiene
 Concen: 107.489 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Tgt Ion:	237	Resp:	279534
Ion	Ratio	Lower	Upper
237	100		
235	64.0	50.4	90.4
272	12.9	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

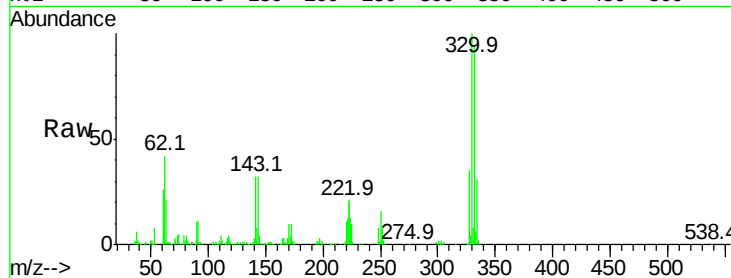




#41
 2,4,6-Tribromophenol
 Concen: 171.967 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.7	25.2	37.8

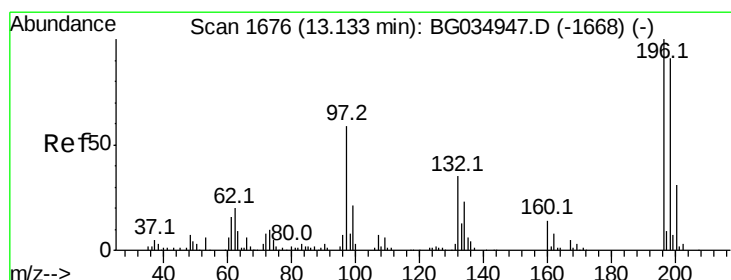
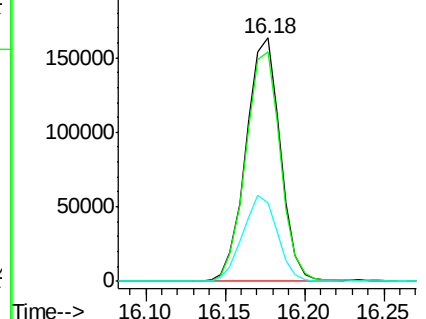
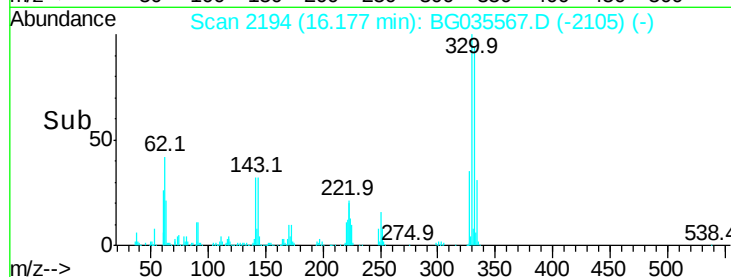


Abundance

Ion 329.80 (329.50 to 330.50): E

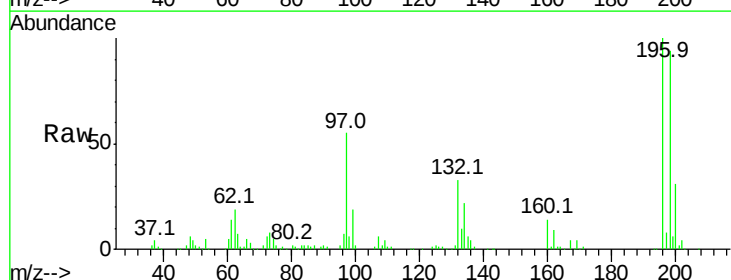
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 53.956 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	78.2	117.2
200	31.4	24.6	36.8

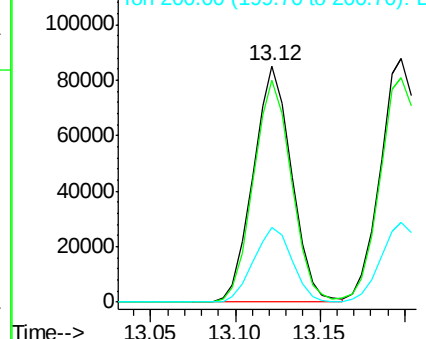
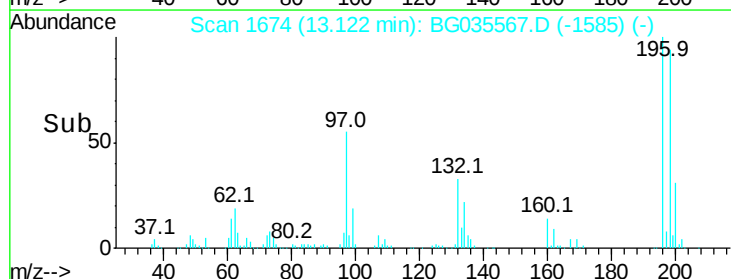


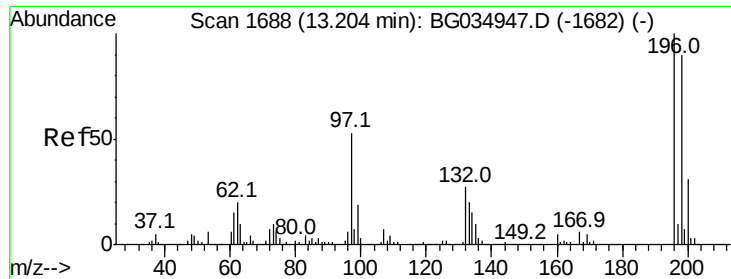
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

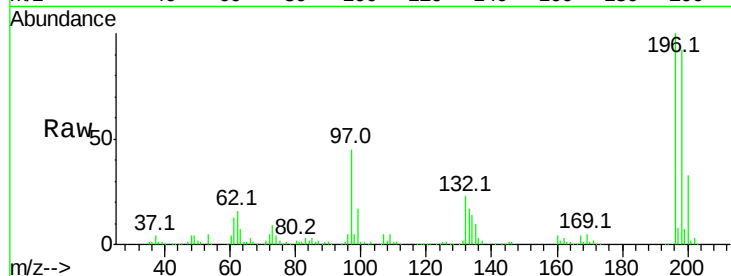




#43
 2,4,5-Trichlorophenol
 Concen: 53.521 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.2	76.2	114.4
97	44.5	38.7	58.1
132	22.9	20.2	30.2



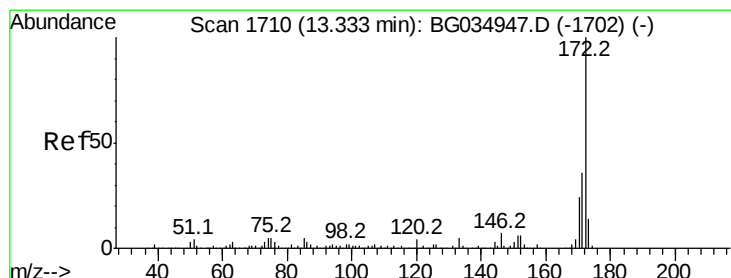
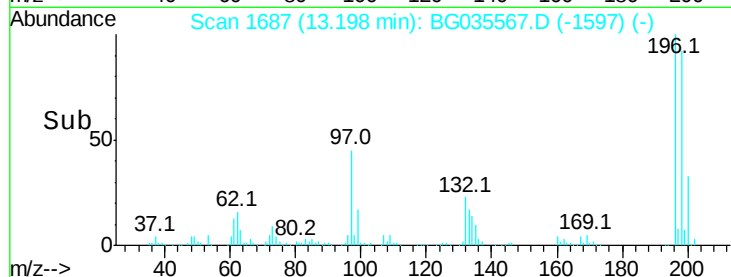
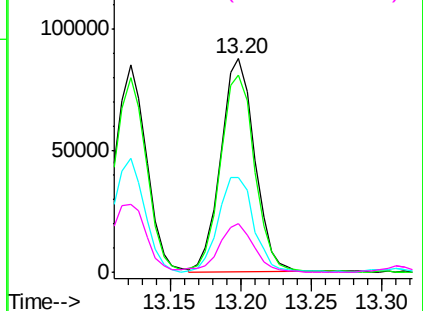
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

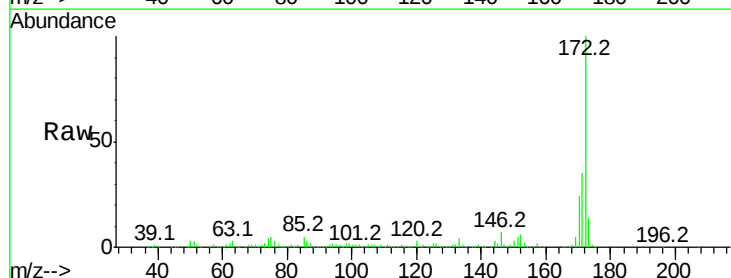
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.869 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	24.0	19.5	29.3

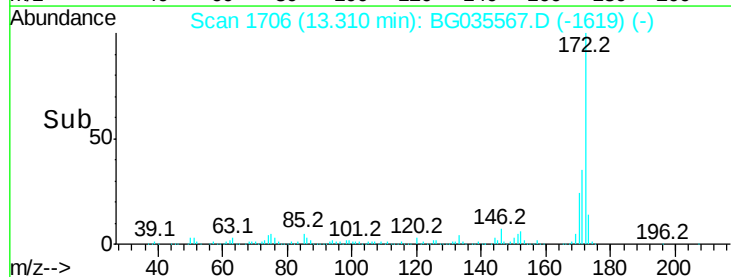
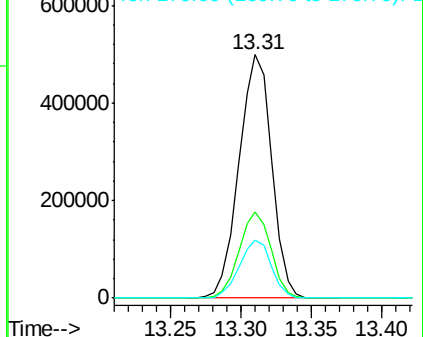


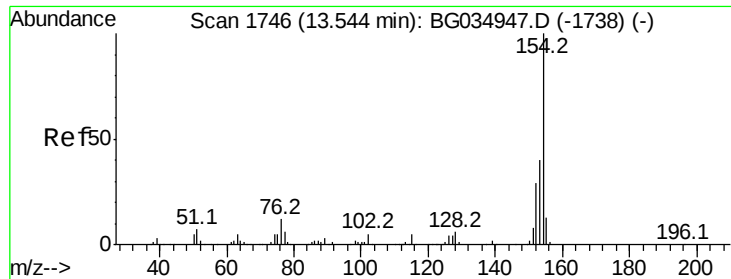
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

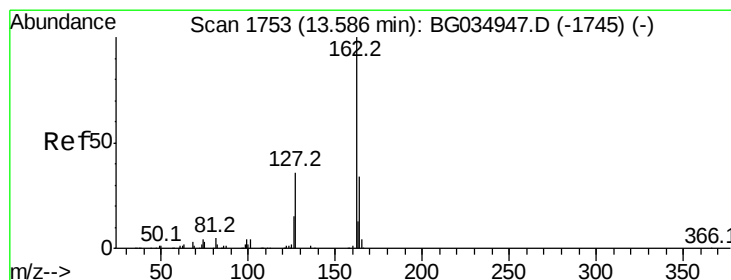
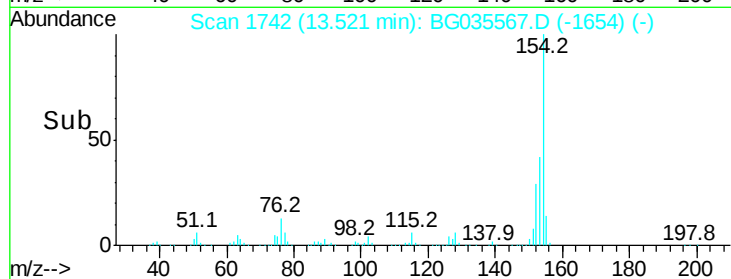
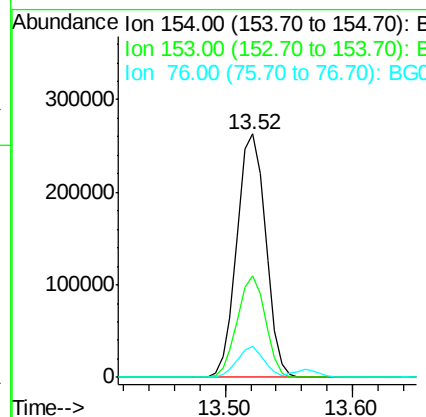
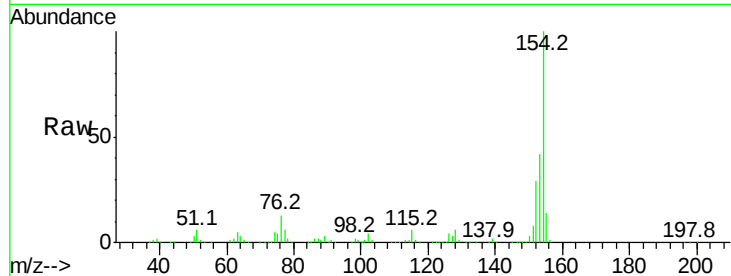




#45
 1,1'-Biphenyl
 Concen: 46.089 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

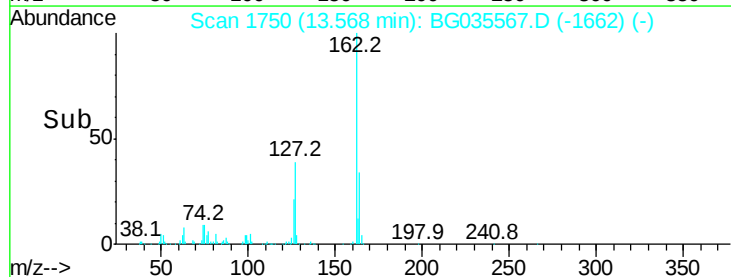
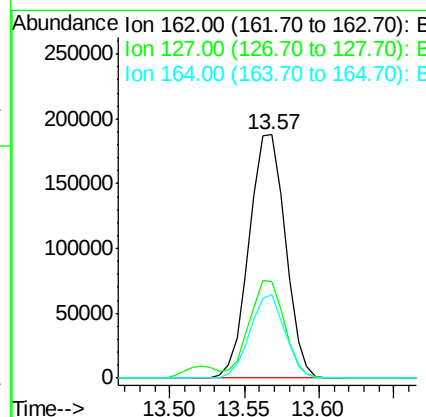
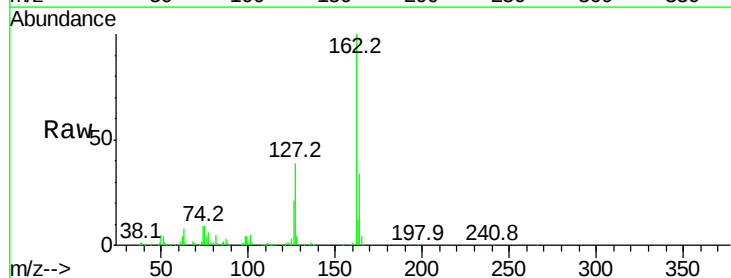
Instrument :
 BNA_G
 ClientSampleId :

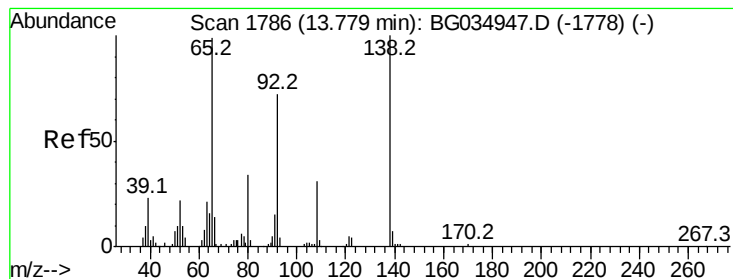
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	12.6	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 46.634 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.7	46.1
164	34.3	26.0	39.0





#47

2-Nitroaniline

Concen: 54.037 ng

RT: 13.77 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

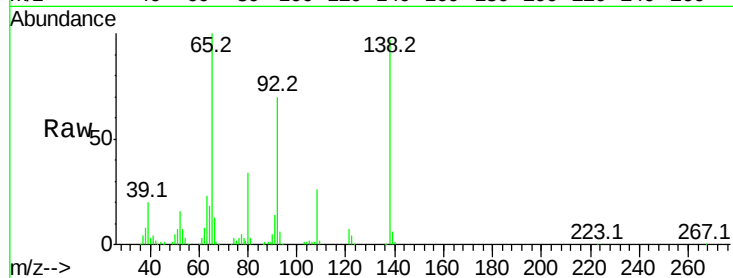
Tot Ion: 65 Resp: 108006

Ion Ratio Lower Upper

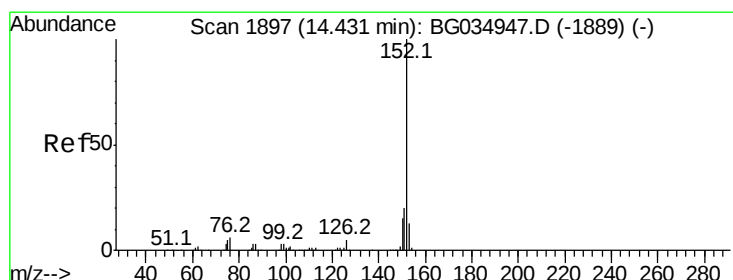
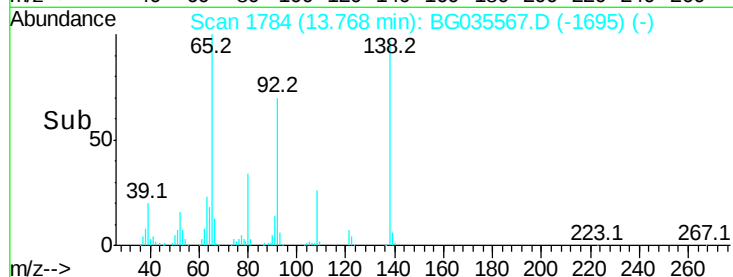
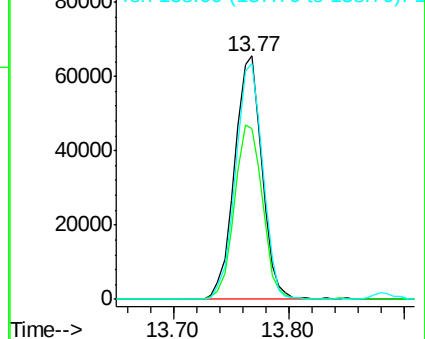
65 100

92 70.1 54.6 82.0

138 96.7 72.9 109.3



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



#48

Acenaphthylene

Concen: 47.111 ng

RT: 14.41 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

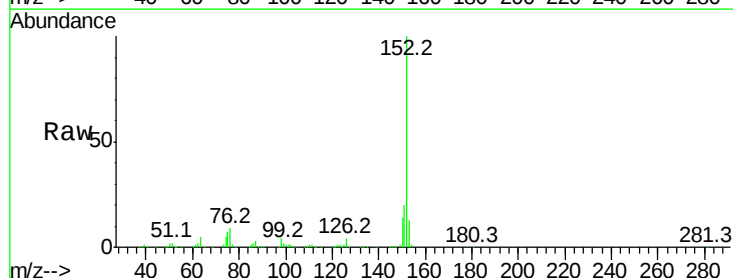
Tgt Ion:152 Resp: 534689

Ion Ratio Lower Upper

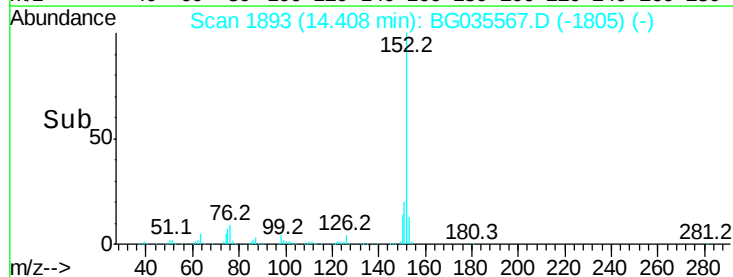
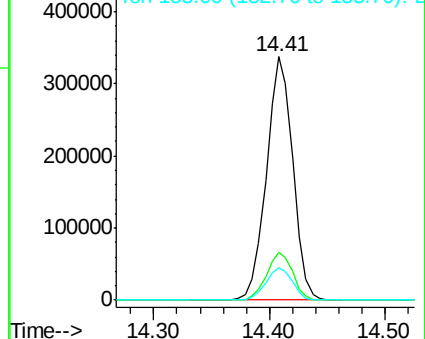
152 100

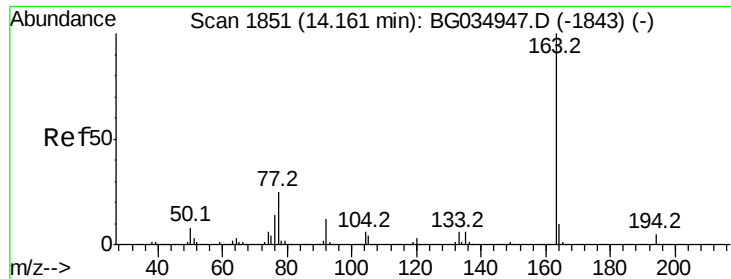
151 19.8 17.2 25.8

153 13.3 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: 44.708 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

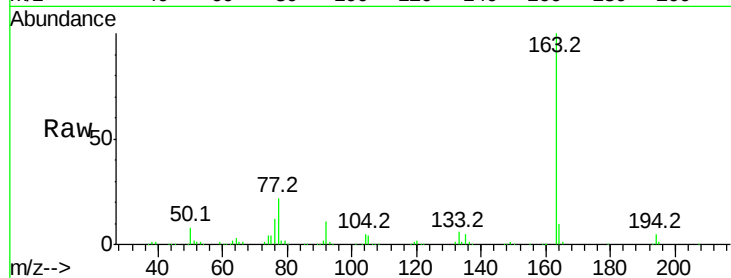
Tot Ion:163 Resp: 434067

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

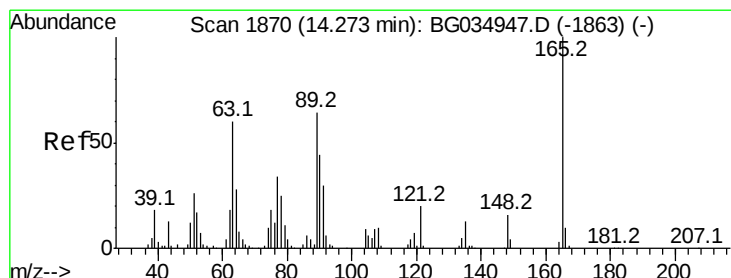
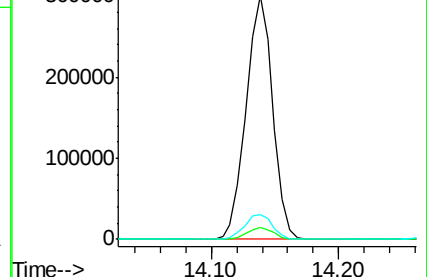
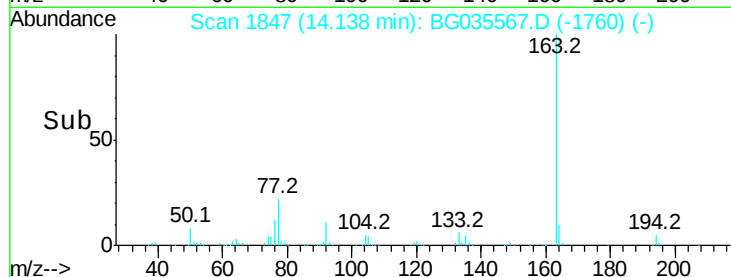
164 10.4 8.2 12.4



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: 54.691 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

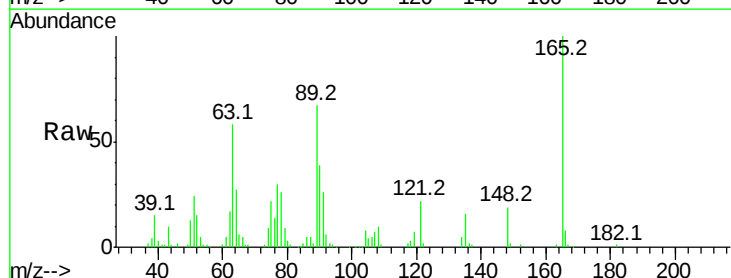
Tgt Ion:165 Resp: 96870

Ion Ratio Lower Upper

165 100

63 57.5 52.7 79.1

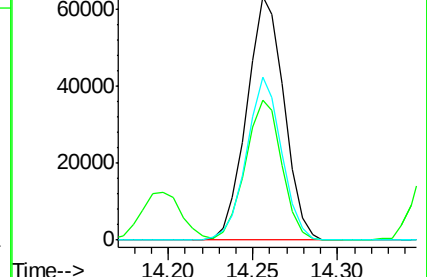
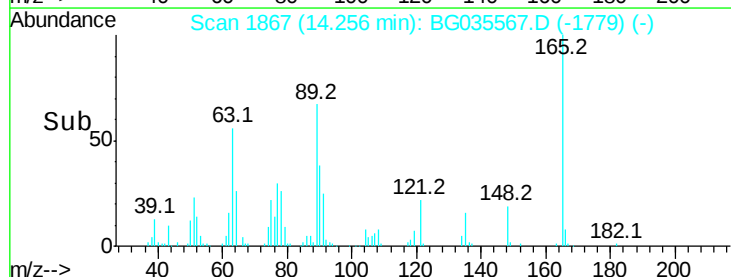
89 66.7 49.2 73.8

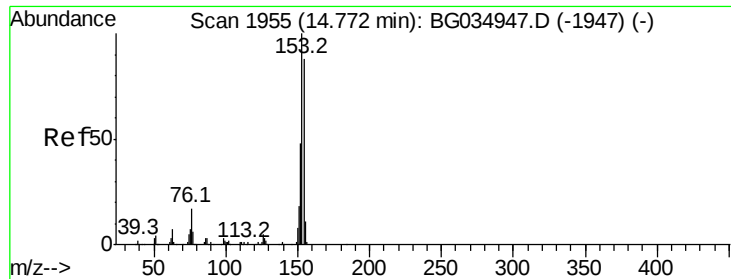


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.076 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

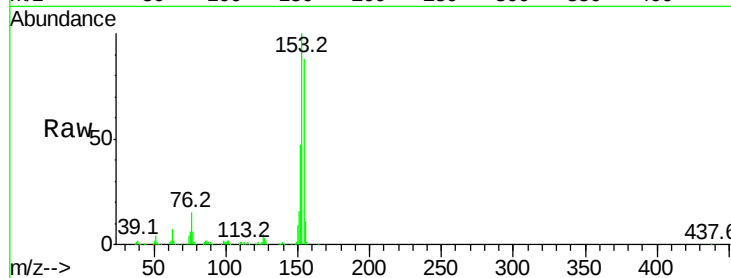
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 312018

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.4	135.6
152	52.9	41.6	62.4

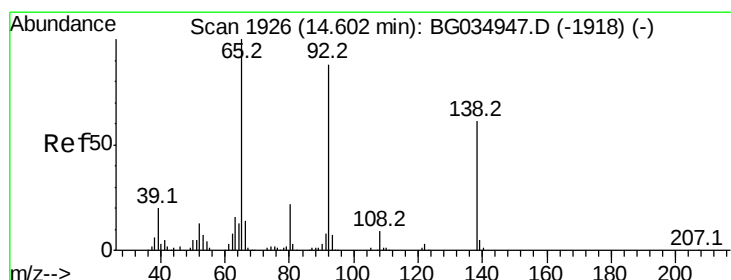
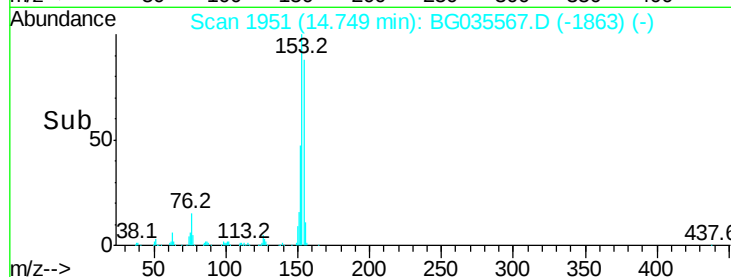
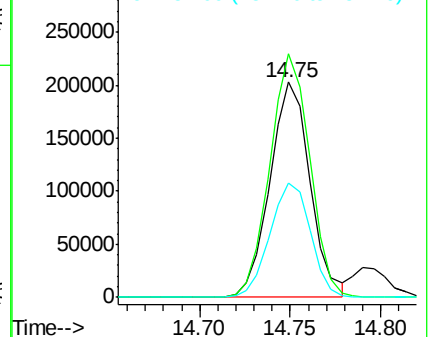


Abundance

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: 31.753 ng

RT: 14.58 min Scan# 1923

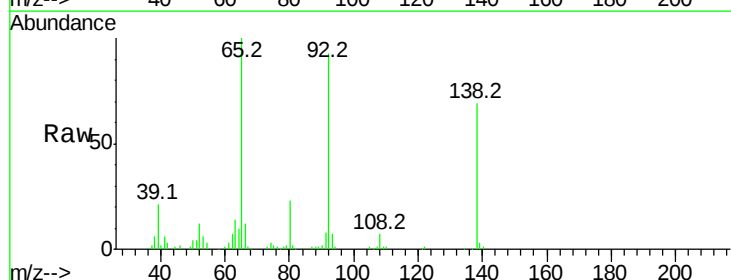
Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Tgt Ion:138 Resp: 55187

Ion	Ratio	Lower	Upper
138	100		
108	10.7	17.5	26.3#
92	134.3	105.8	158.8

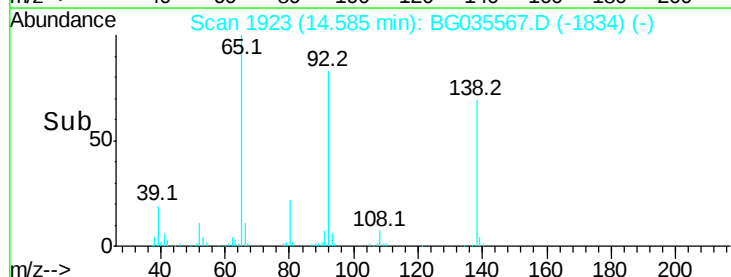
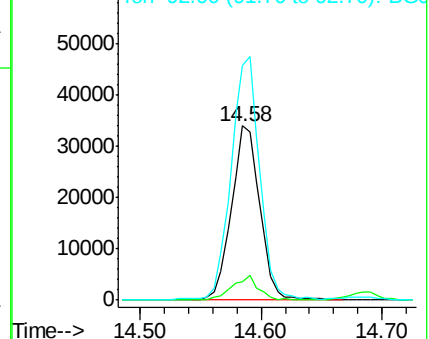


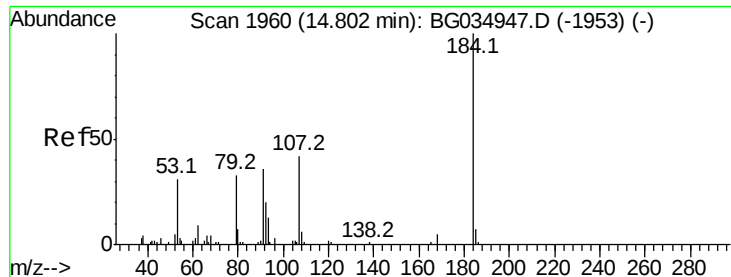
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

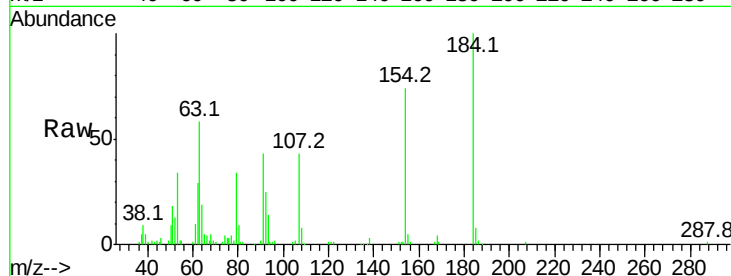




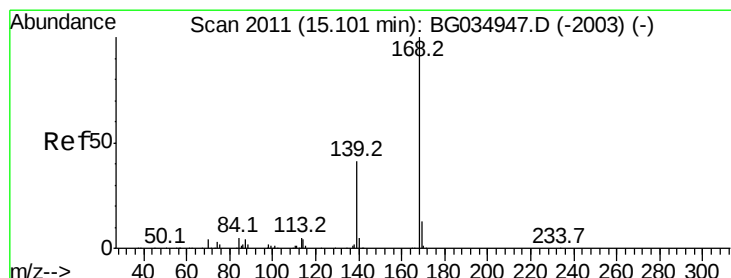
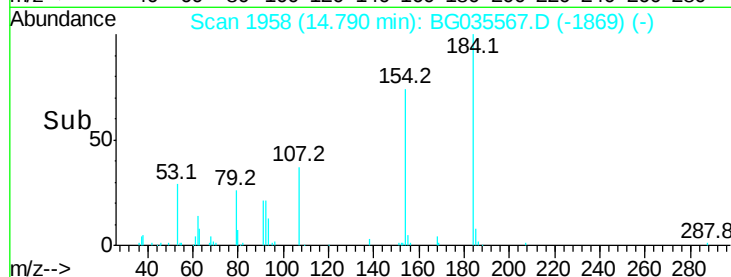
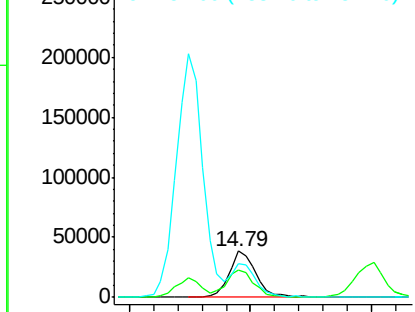
#53
2,4-Dinitrophenol
Concen: 84.248 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 60391
Ion Ratio Lower Upper
184 100
63 58.3 59.8 89.8#
154 74.2 101.8 152.8#

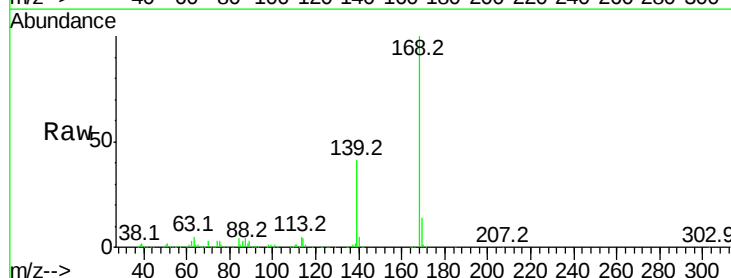


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

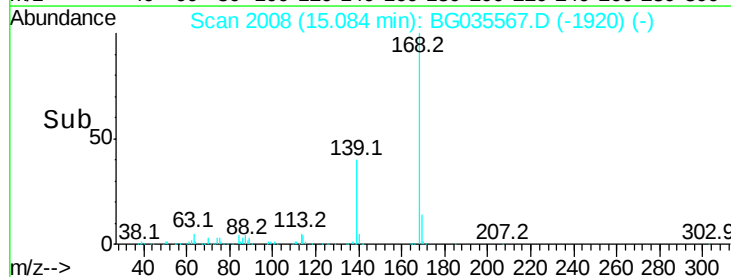
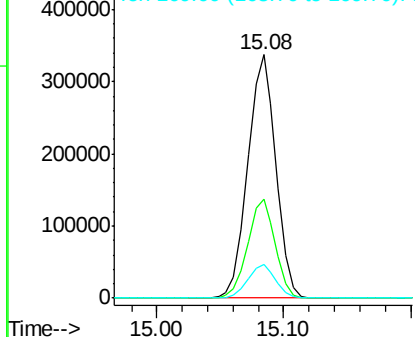


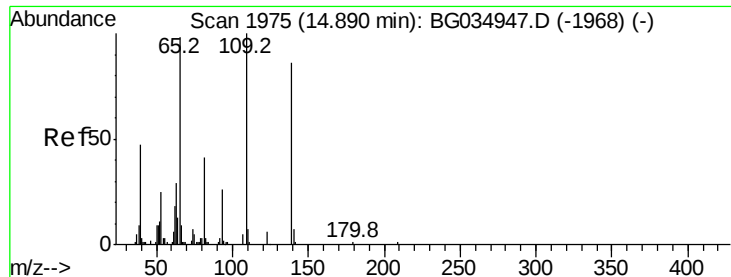
#54
Dibenzofuran
Concen: 46.559 ng
RT: 15.08 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Tgt Ion:168 Resp: 517093
Ion Ratio Lower Upper
168 100
139 40.6 28.6 43.0
169 13.8 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 97.559 ng

RT: 14.90 min Scan# 1977

Delta R.T. 0.02 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

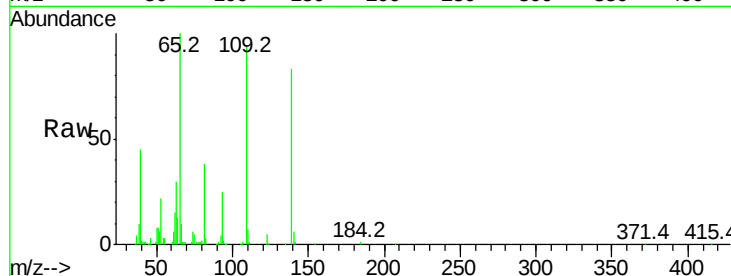
Tot Ion:139 Resp: 143103

Ion Ratio Lower Upper

139 100

109 113.1 62.2 102.2#

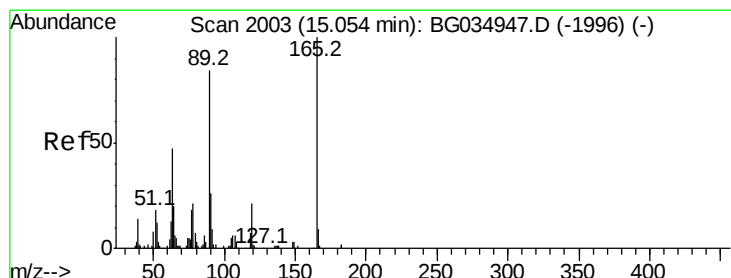
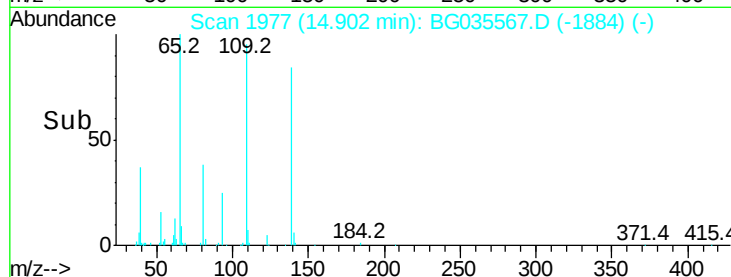
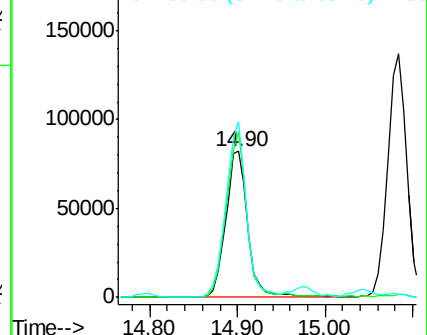
65 120.5 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 59.798 ng

RT: 15.04 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Tgt Ion:165 Resp: 140696

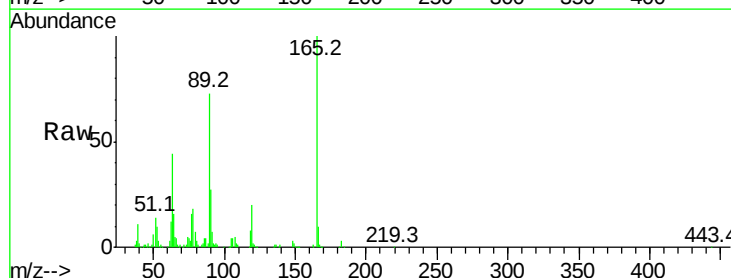
Ion Ratio Lower Upper

165 100

63 44.2 42.0 63.0

89 73.2 66.9 100.3

182 2.9 2.6 3.8

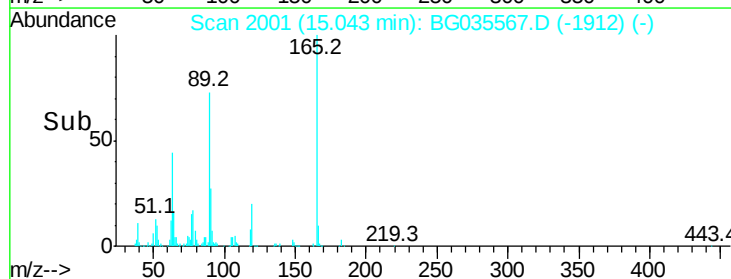
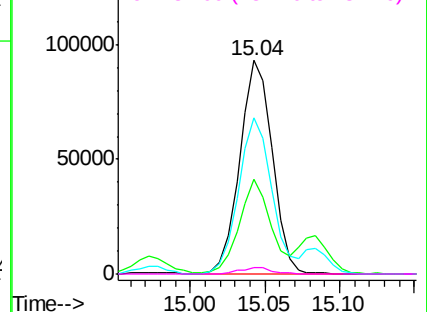


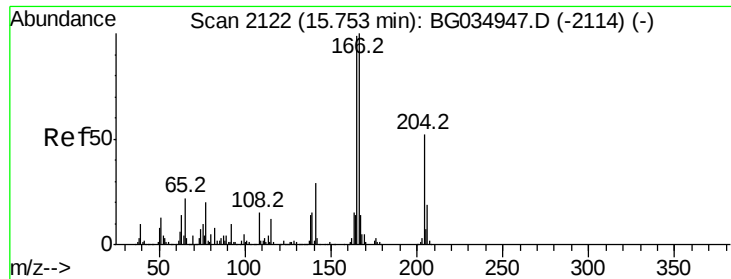
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.972 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

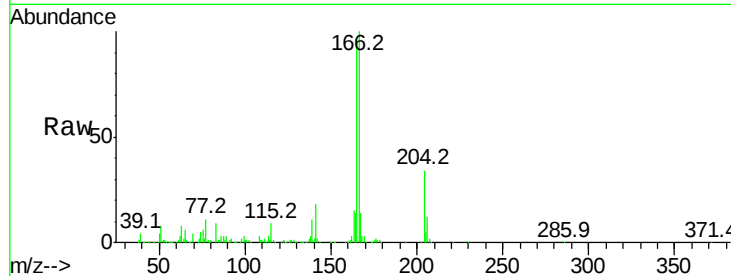
Tot Ion:166 Resp: 426701

Ion Ratio Lower Upper

166 100

165 96.3 80.6 121.0

167 14.3 10.4 15.6

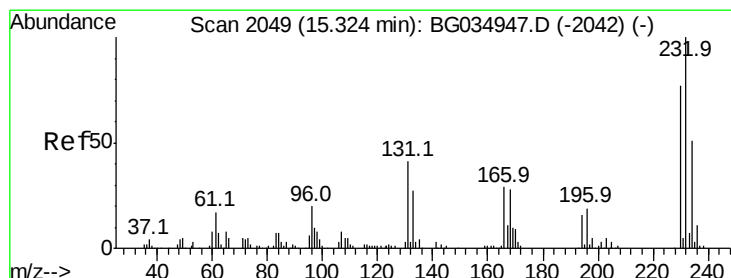
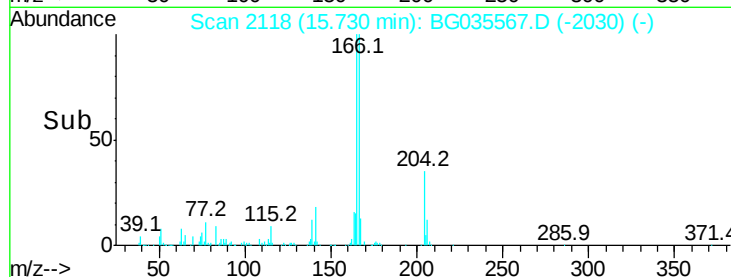
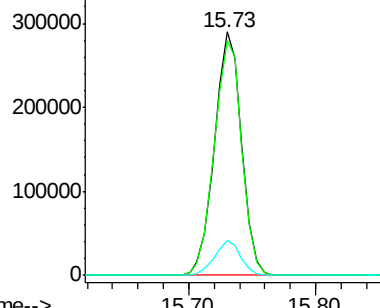


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.068 ng

RT: 15.31 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Tgt Ion:232 Resp: 145804

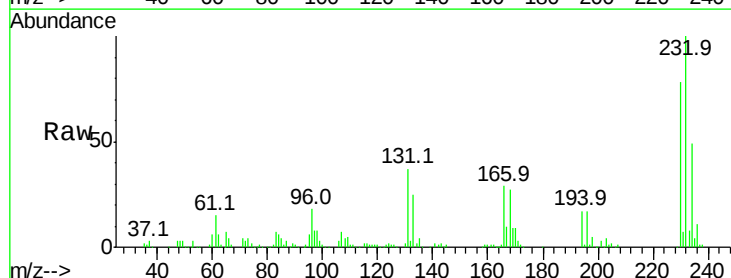
Ion Ratio Lower Upper

232 100

131 35.3 33.5 50.3

130 2.3 2.2 3.2

166 28.2 24.8 37.2



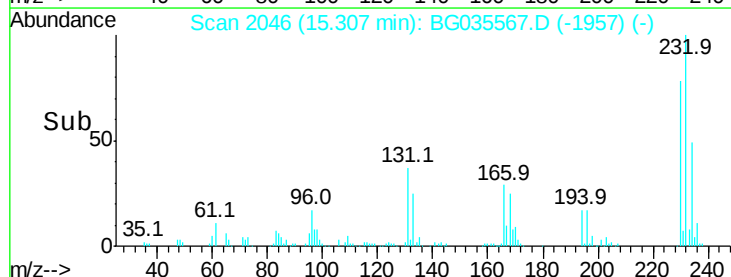
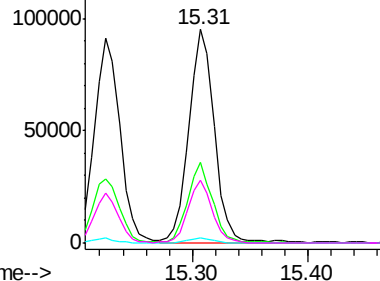
Abundance

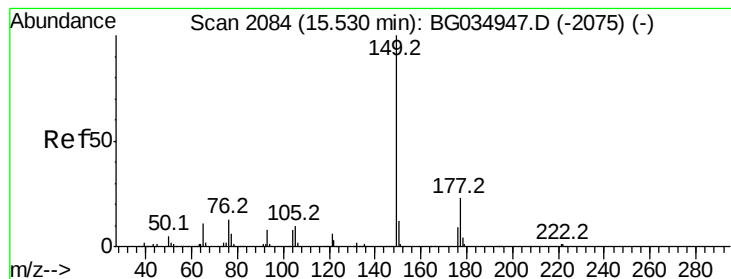
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.255 ng

RT: 15.50 min Scan# 2078

Delta R.T. -0.02 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

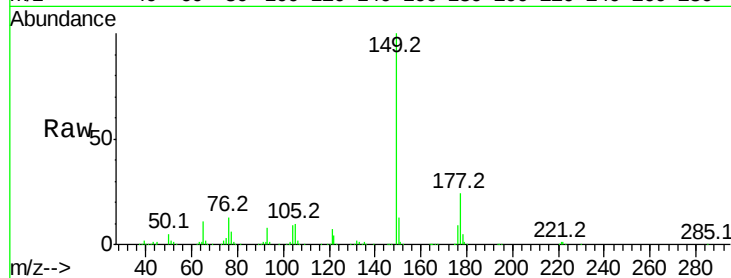
Tot Ion:149 Resp: 428460

Ion Ratio Lower Upper

149 100

177 23.9 18.5 27.7

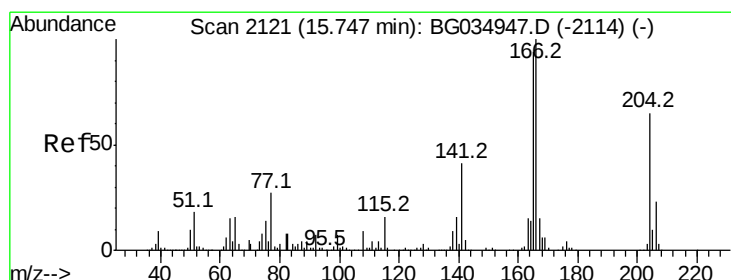
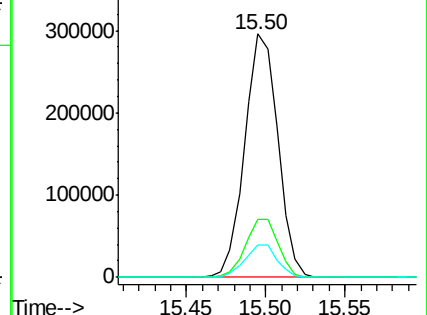
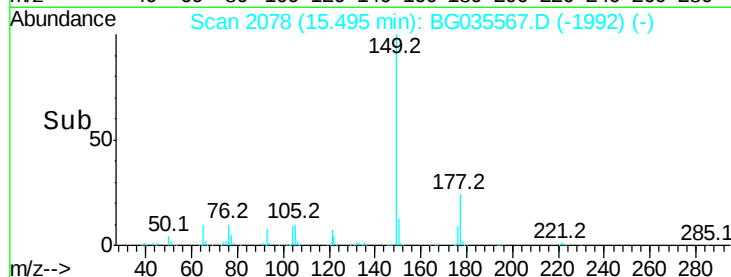
150 13.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.801 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.02 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

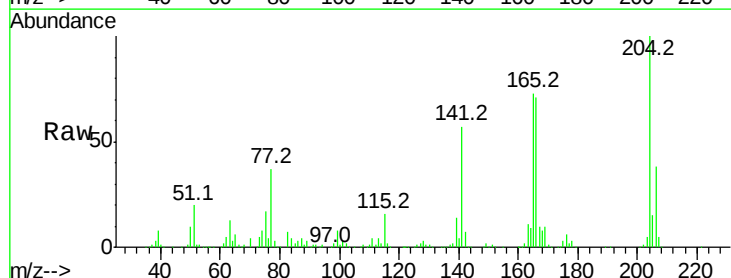
Tgt Ion:204 Resp: 247708

Ion Ratio Lower Upper

204 100

206 37.6 26.2 39.2

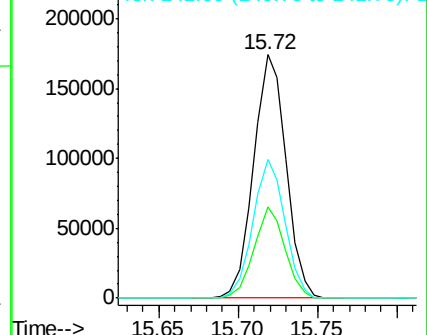
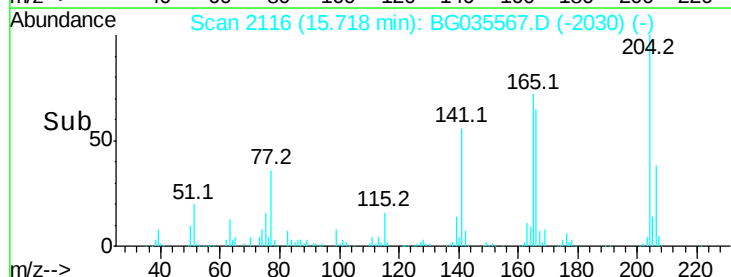
141 56.8 45.8 68.6

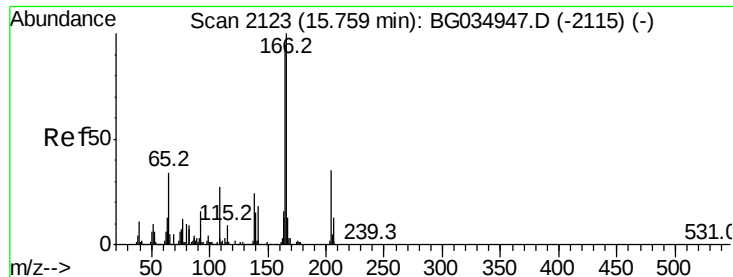


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

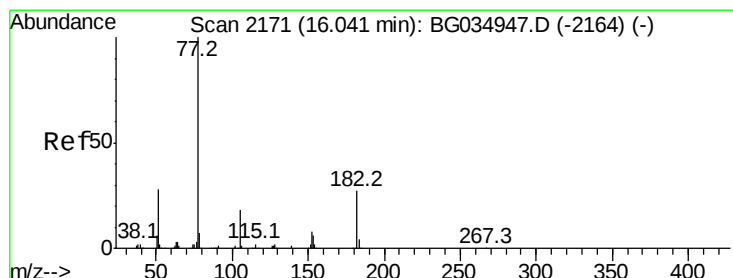
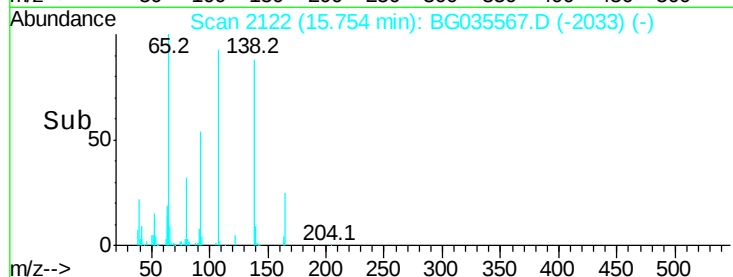
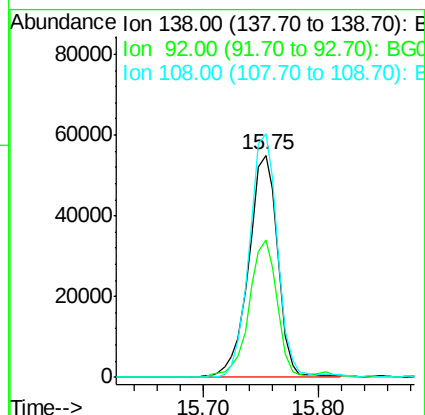
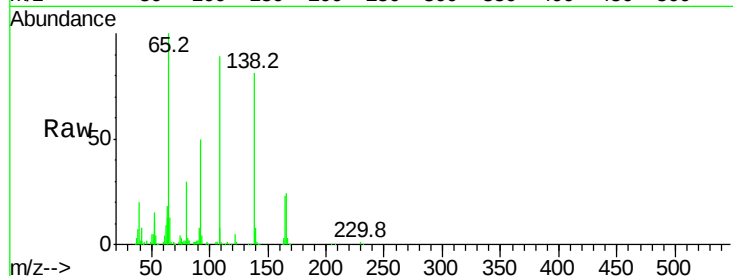




#61
4-Nitroaniline
Concen: 51.932 ng
RT: 15.75 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

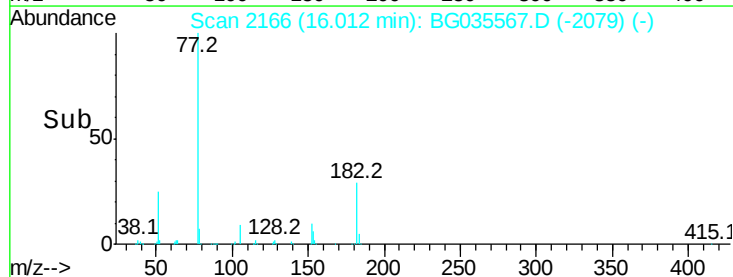
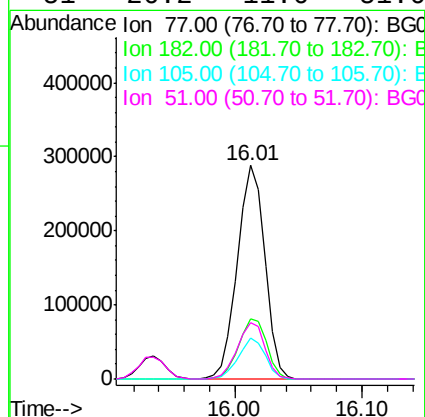
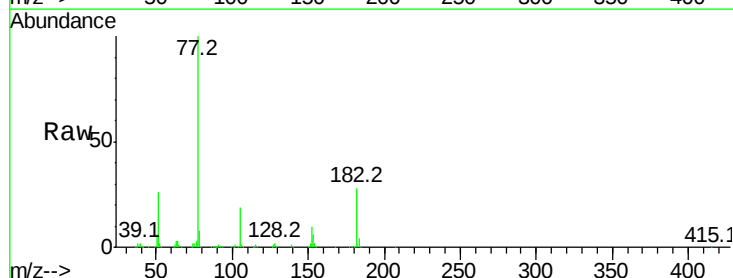
Instrument :
BNA_G
ClientSampleId :

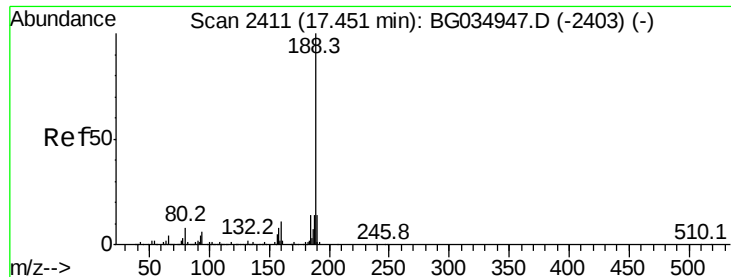
Tot Ion:138 Resp: 96797
Ion Ratio Lower Upper
138 100
92 61.9 40.1 80.1
108 109.5 65.4 105.4#



#62
Azobenzene
Concen: 44.512 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Tgt Ion: 77 Resp: 432068
Ion Ratio Lower Upper
77 100
182 28.0 7.4 47.4
105 19.0 0.3 40.3
51 26.2 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: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampled :

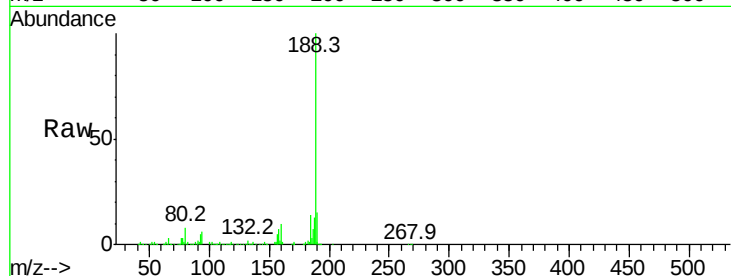
Tot Ion:188 Resp: 285679

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

80 7.6 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

250000

200000

150000

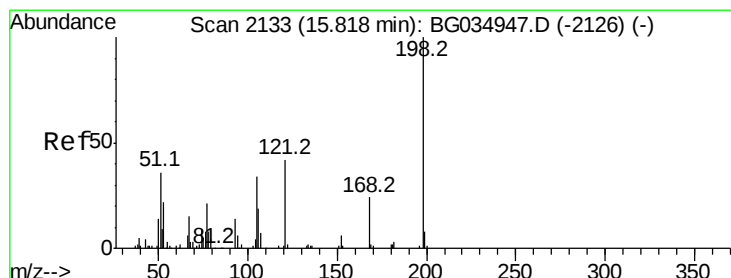
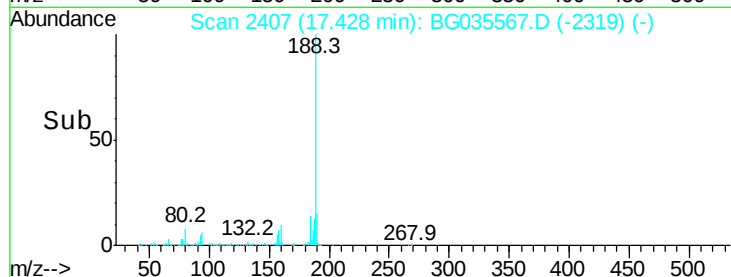
100000

50000

0

17.35 17.40 17.45 17.50

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 48.448 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

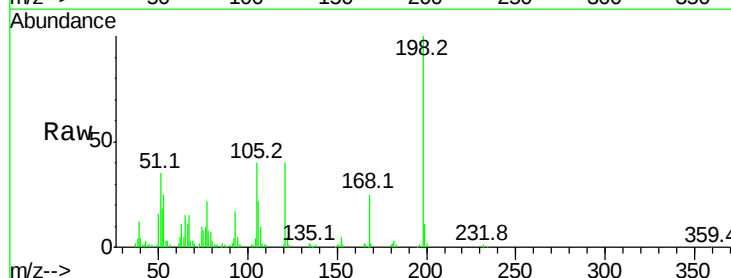
Tgt Ion:198 Resp: 63192

Ion Ratio Lower Upper

198 100

51 35.4 30.6 70.6

105 40.4 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

50000

40000

30000

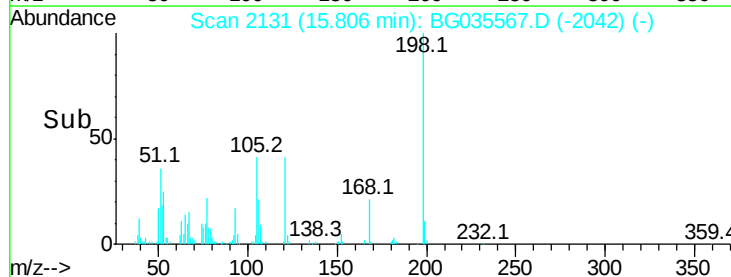
20000

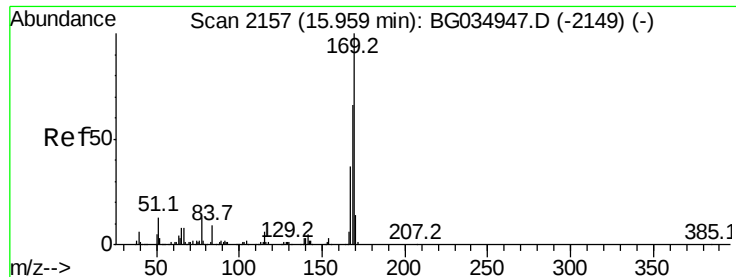
10000

0

15.75 15.80 15.85

Time-->





#65

n-Nitrosodiphenylamine

Concen: 43.745 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

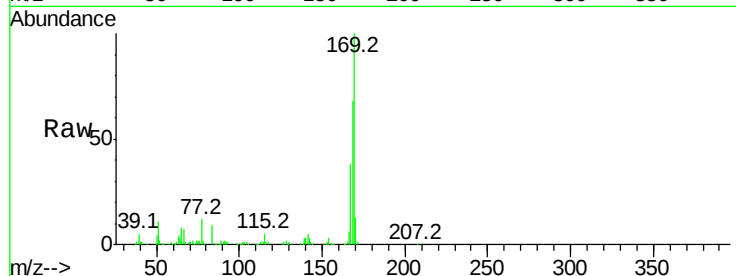
Tot Ion:169 Resp: 375300

Ion Ratio Lower Upper

169 100

168 68.2 55.7 83.5

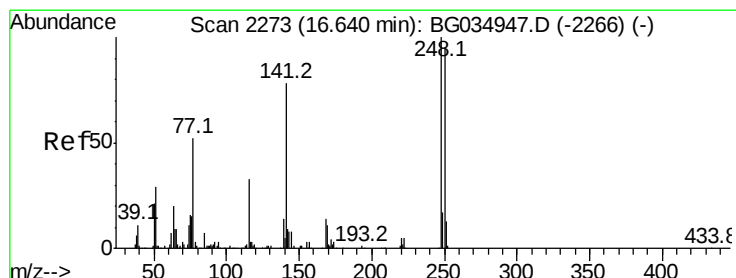
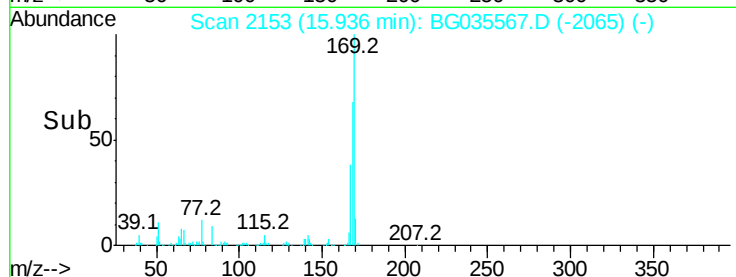
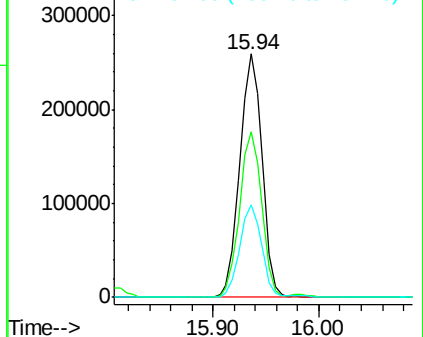
167 37.8 30.1 45.1



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: 49.851 ng

RT: 16.61 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

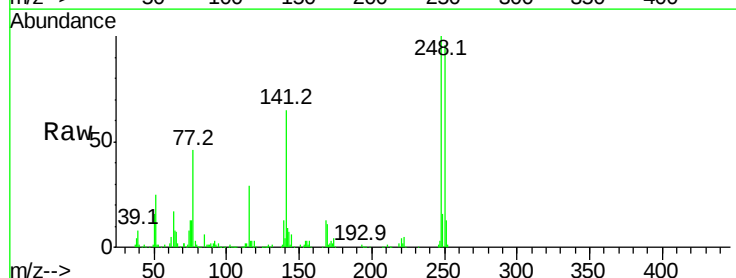
Tgt Ion:248 Resp: 171502

Ion Ratio Lower Upper

248 100

250 96.1 77.1 115.7

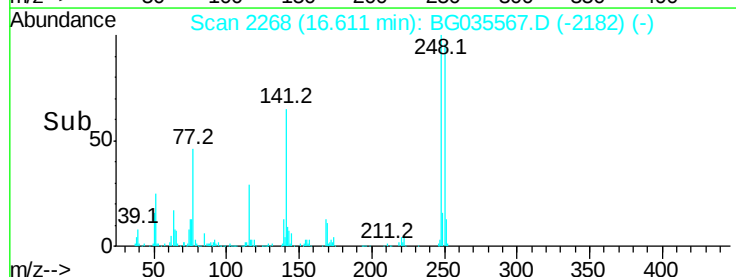
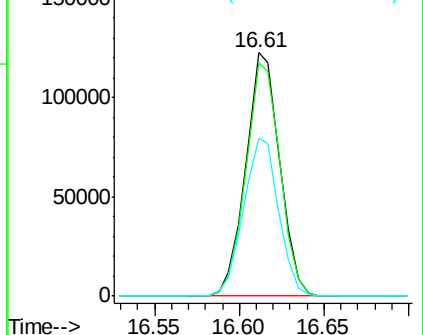
141 65.0 50.8 76.2

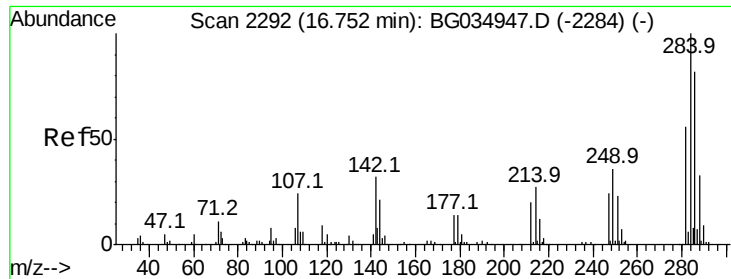


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

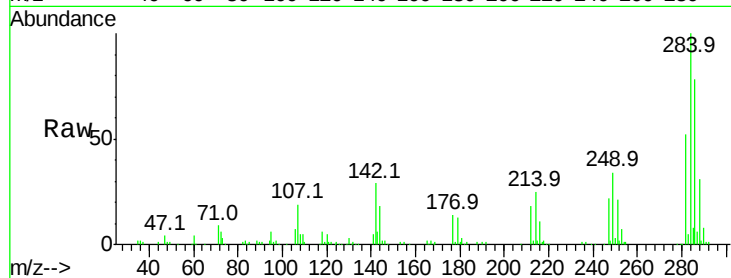




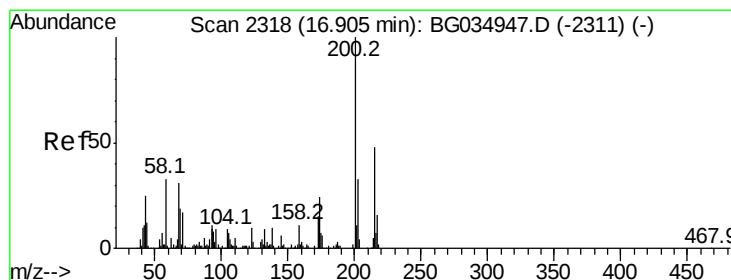
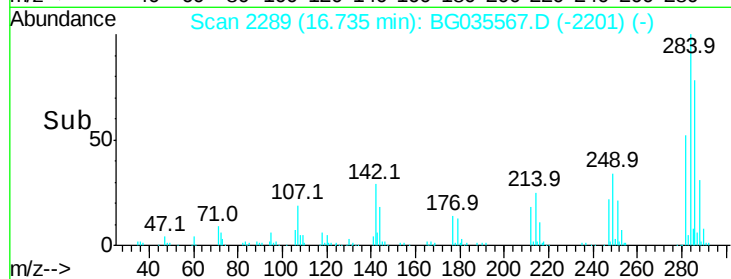
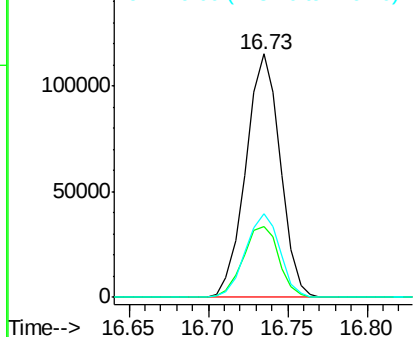
#67
Hexachlorobenzene
Concen: 49.534 ng
RT: 16.73 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.1	26.8	40.2
249	34.2	26.3	39.5

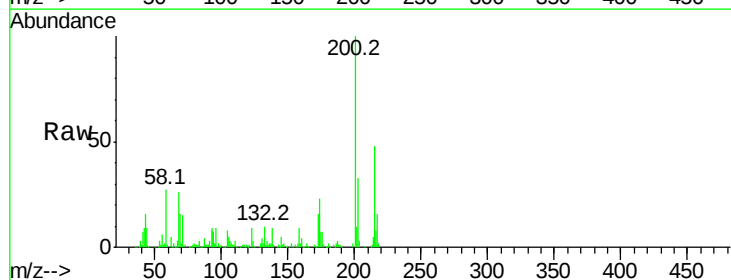


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

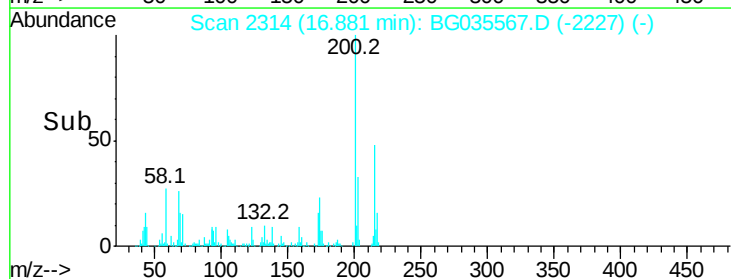
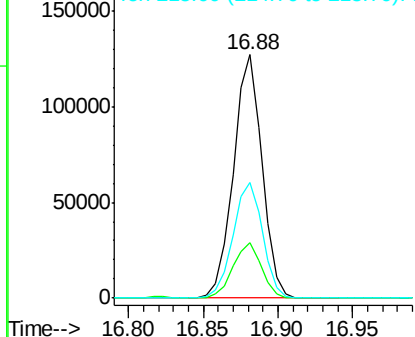


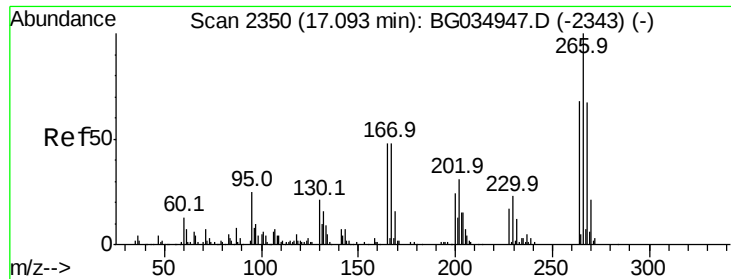
#68
Atrazine
Concen: 46.438 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.0	5.2	45.2
215	47.6	30.4	70.4



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

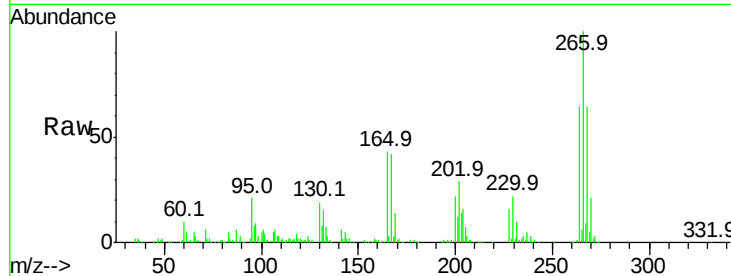




#69
 Pentachlorophenol
 Concen: 76.400 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	64.0	49.6	74.4

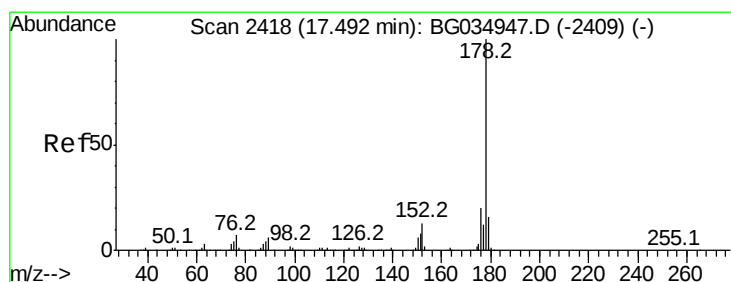
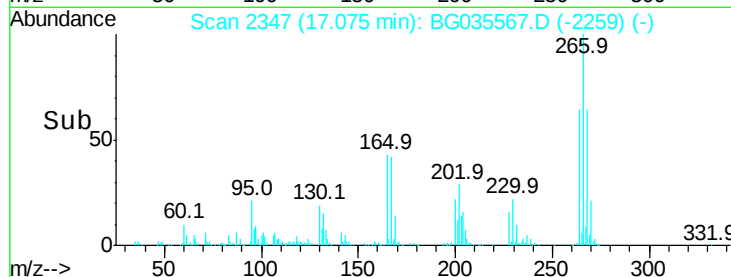
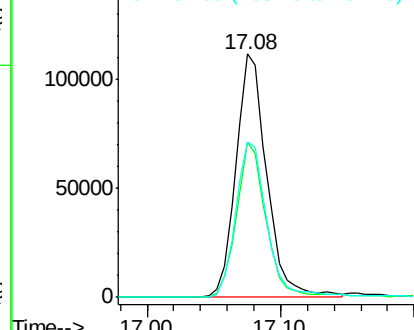


Abundance

Ion 265.70 (265.40 to 266.40): E

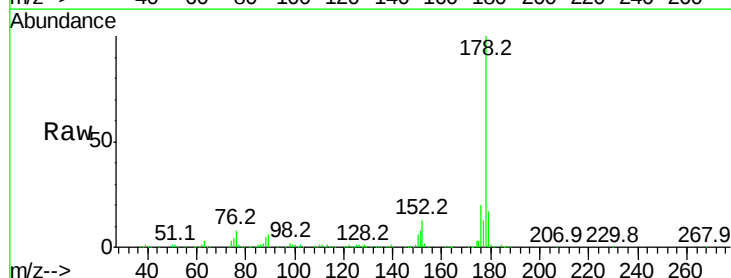
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 46.534 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	17.2	12.5	18.7

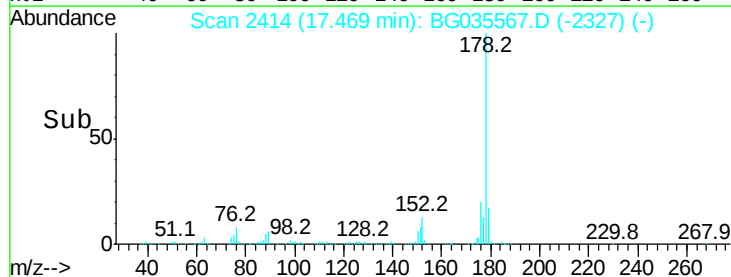
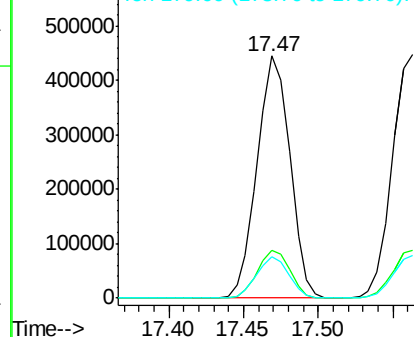


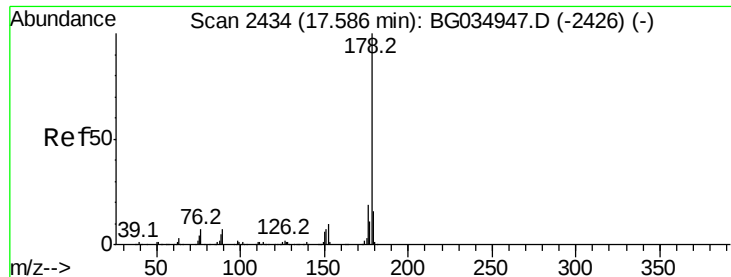
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

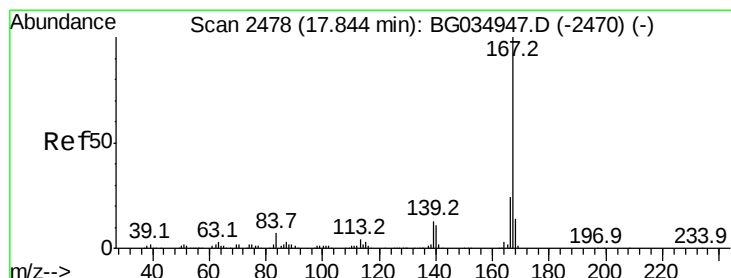
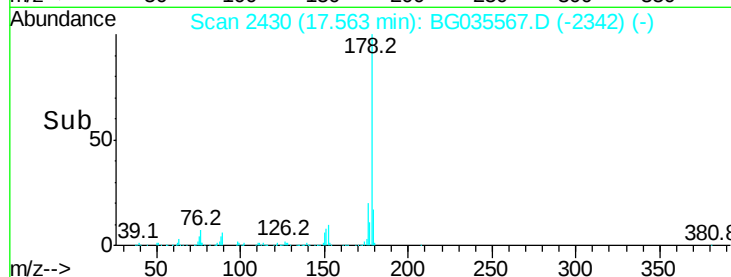
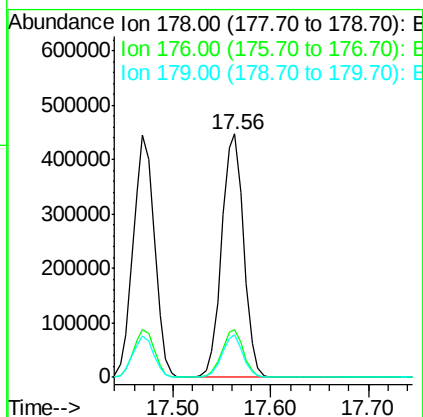
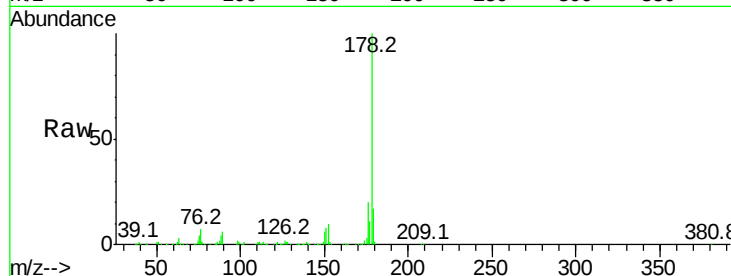




#71
 Anthracene
 Concen: 47.796 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

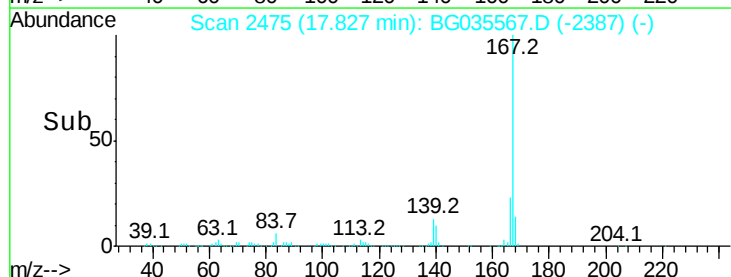
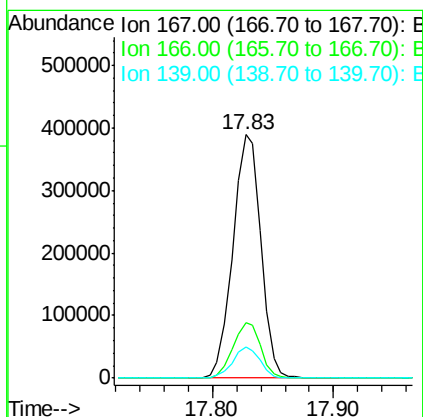
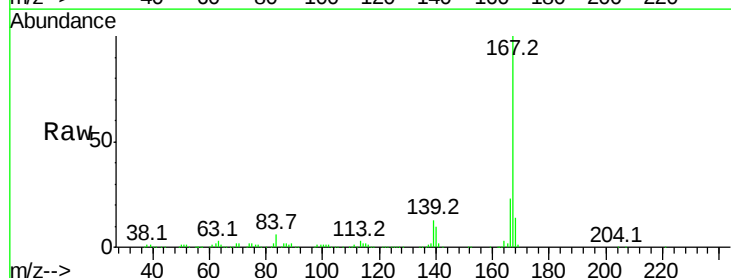
Instrument :
 BNA_G
 ClientSampled :

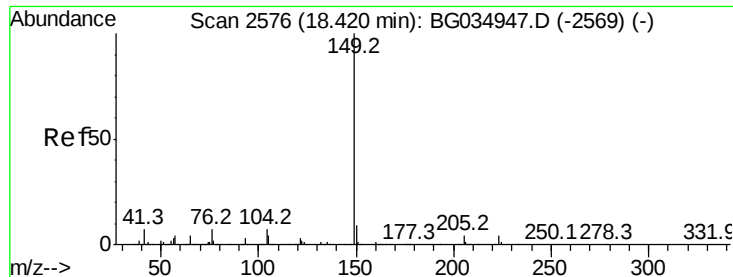
Tot Ion:178 Resp: 694782
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 17.3 12.5 18.7



#72
 Carbazole
 Concen: 46.618 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Tgt Ion:167 Resp: 628754
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 13.0 9.4 14.2





#73

Di-n-butylphthalate

Concen: 43.631 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.03 min

Lab File: BG035567.D

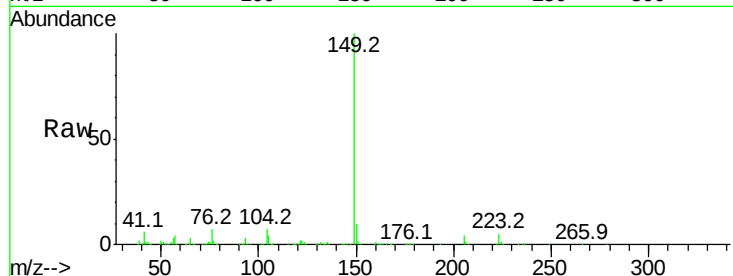
Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	701403
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	6.6	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

18.38

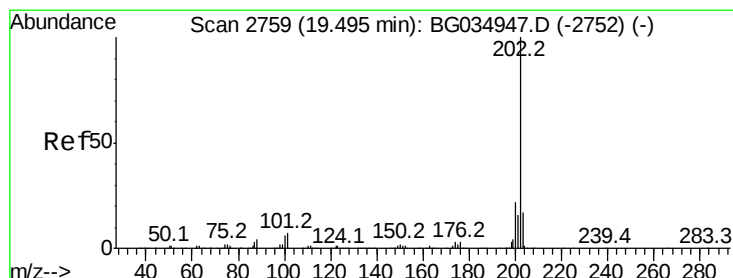
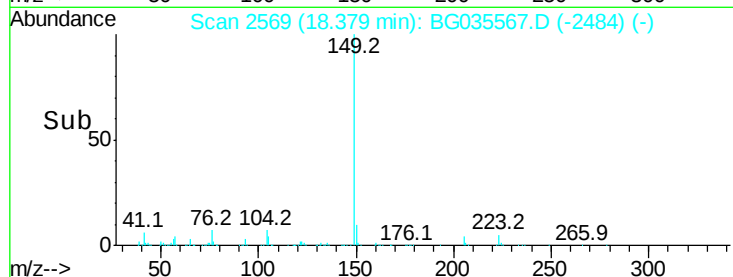
600000

400000

200000

0

Time--> 18.30 18.35 18.40 18.45



#74

Fluoranthene

Concen: 46.867 ng

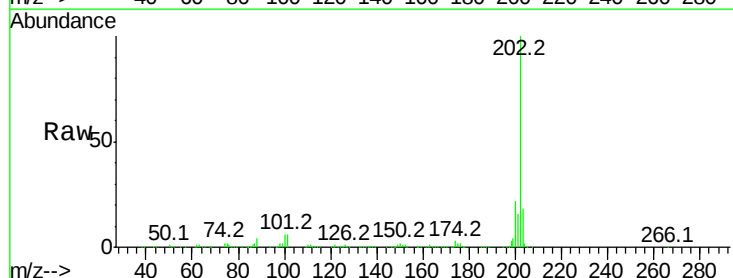
RT: 19.47 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Tgt Ion:	202	Resp:	885034
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	28.9
203	18.3	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

19.47

800000

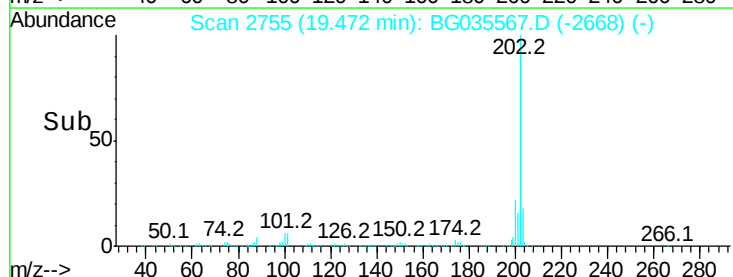
600000

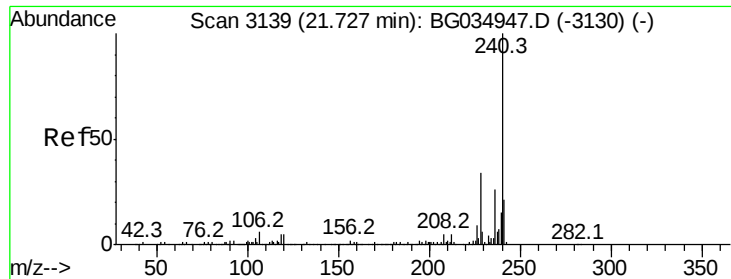
400000

200000

0

Time--> 19.40 19.50





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

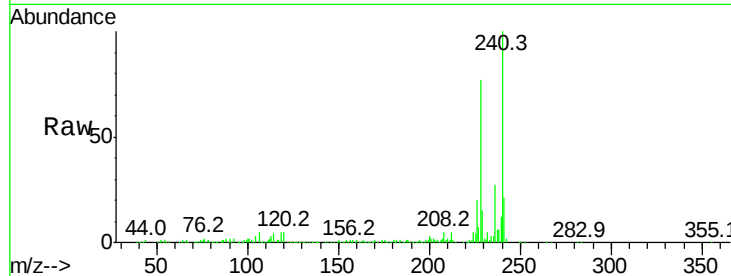
Tot Ion:240 Resp: 300794

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

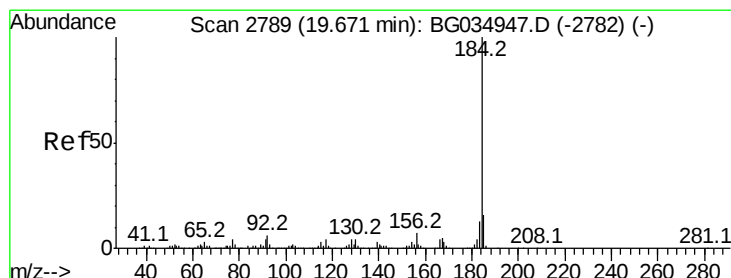
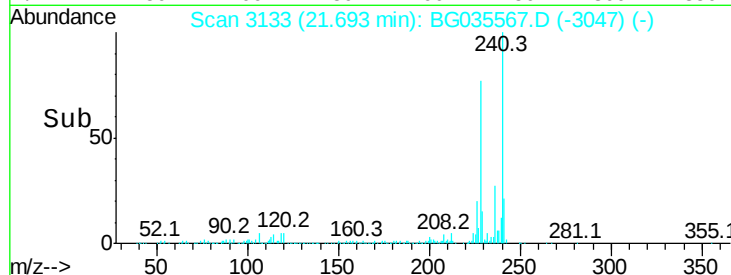
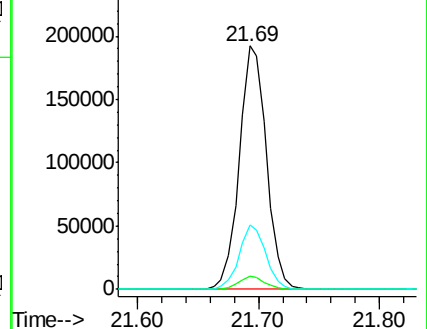
236 26.5 20.9 31.3



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: 31.044 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

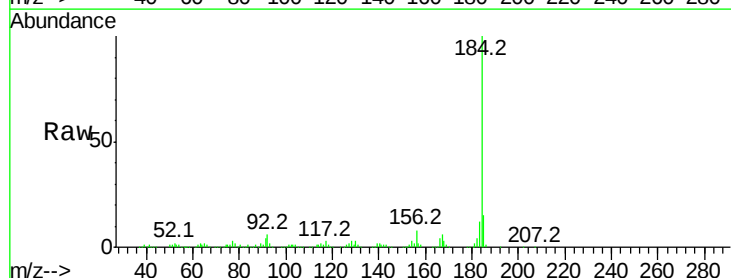
Tgt Ion:184 Resp: 347397

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

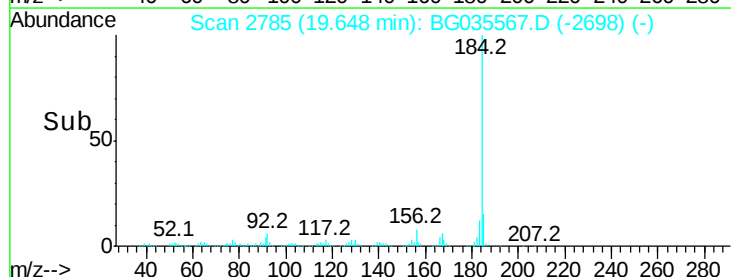
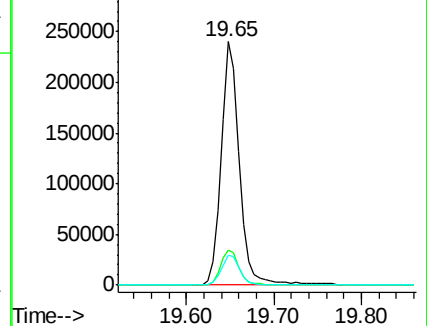
183 12.4 10.6 16.0

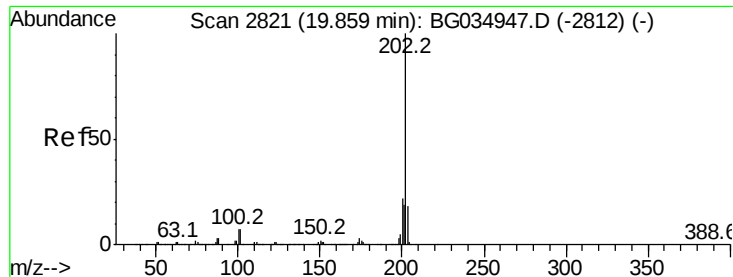


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

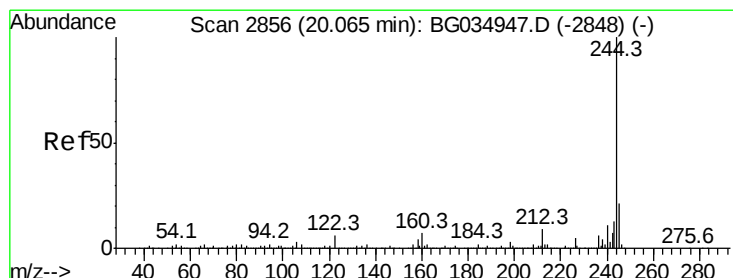
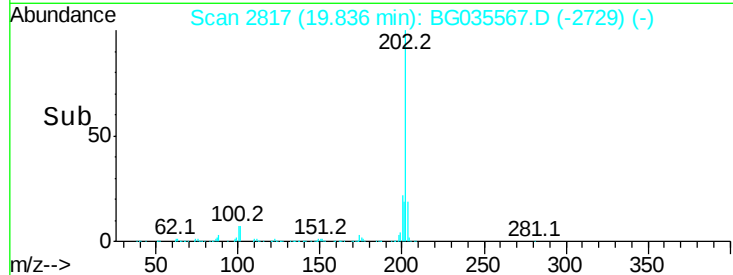
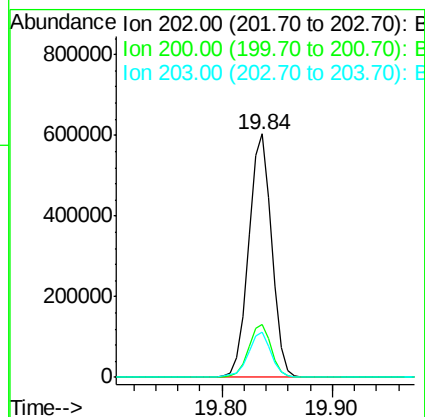
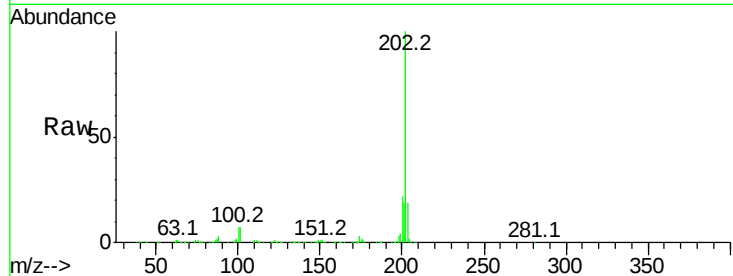




#77
 Pvrene
 Concen: 44.328 ng
 RT: 19.84 min Scan# 2817
 Delta R.T. -0.01 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

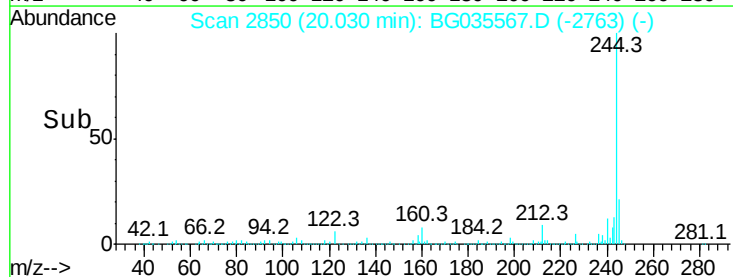
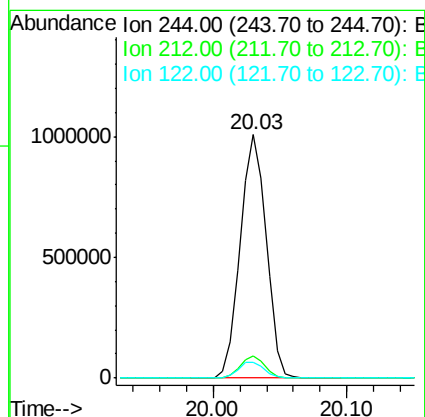
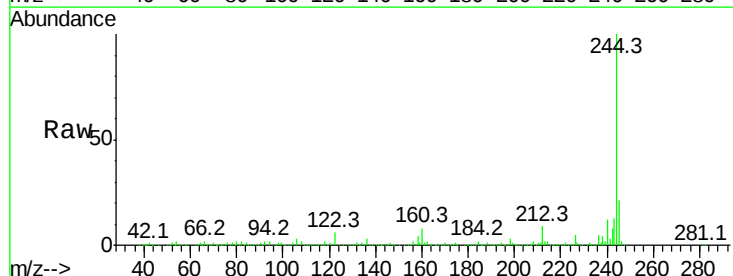
Instrument :
 BNA_G
 ClientSampleId :

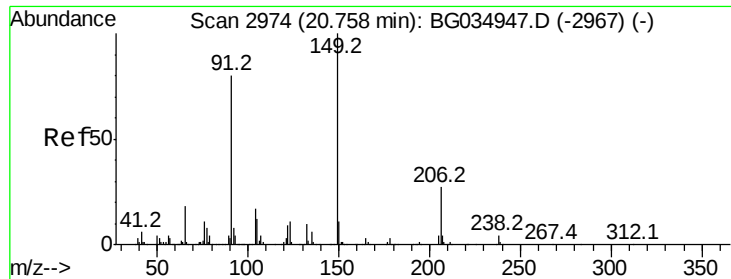
Tot Ion:	202	Resp:	879006
Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	18.6	13.9	20.9



#78
 Terphenyl-d14
 Concen: 94.642 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Tgt Ion:	244	Resp:	1359056
Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	6.4	7.0	10.4#

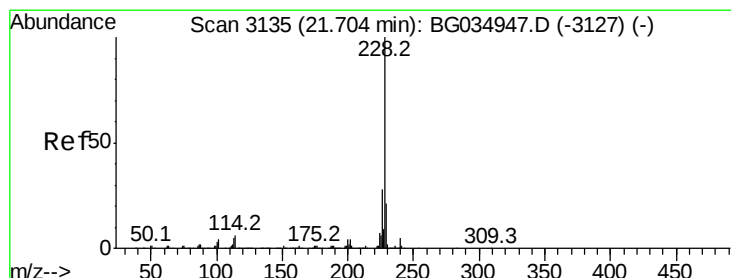
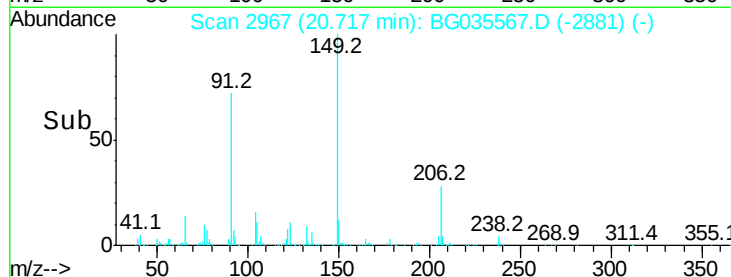
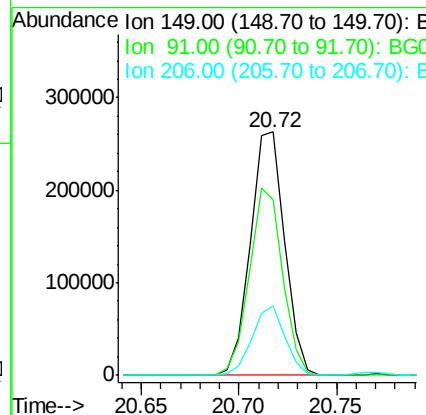
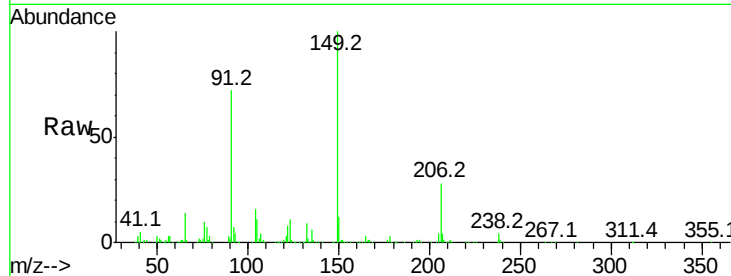




#79
Butylbenzylphthalate
Concen: 44.425 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.02 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

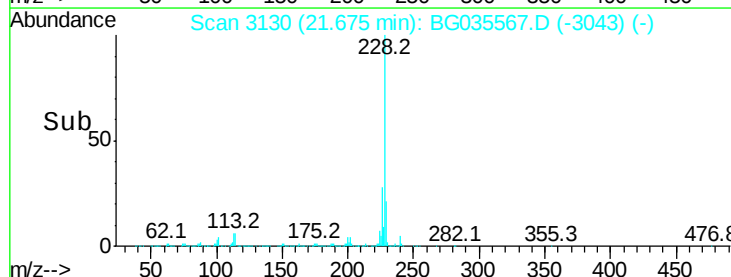
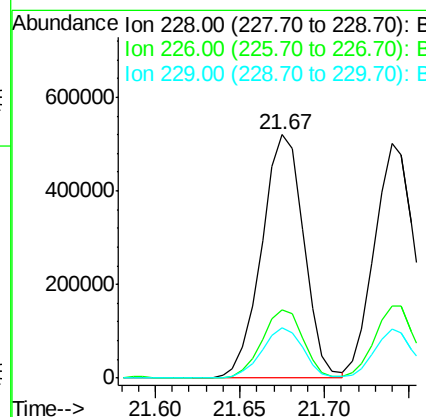
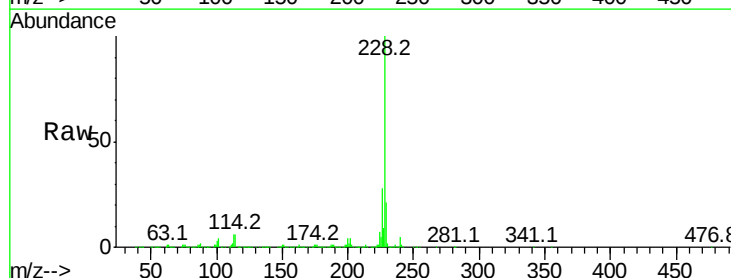
Instrument :
BNA_G
ClientSampleId :

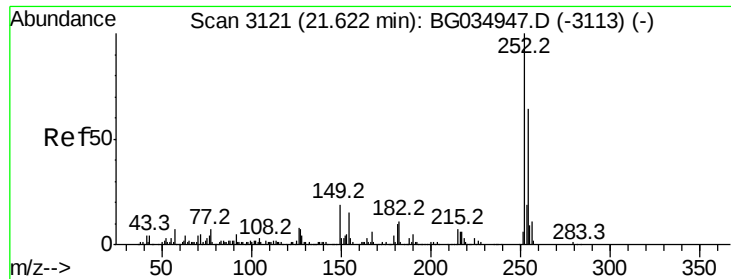
Tot Ion:149 Resp: 319880
Ion Ratio Lower Upper
149 100
91 72.2 62.2 93.2
206 28.4 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 46.670 ng
RT: 21.67 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Tgt Ion:228 Resp: 897070
Ion Ratio Lower Upper
228 100
226 28.1 22.7 34.1
229 20.6 16.2 24.2

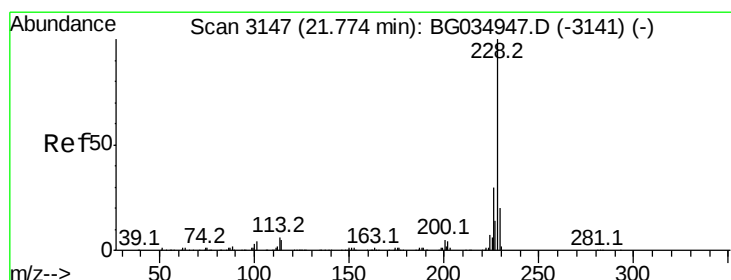
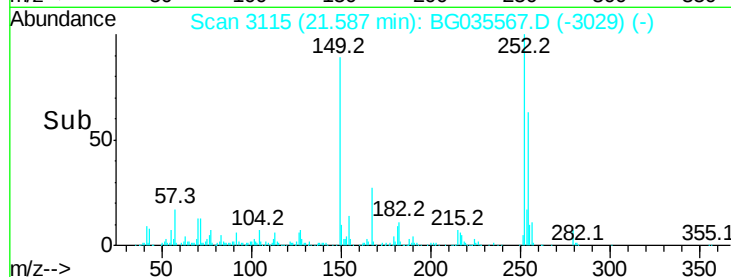
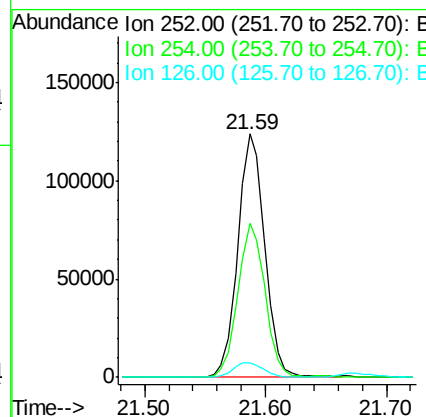
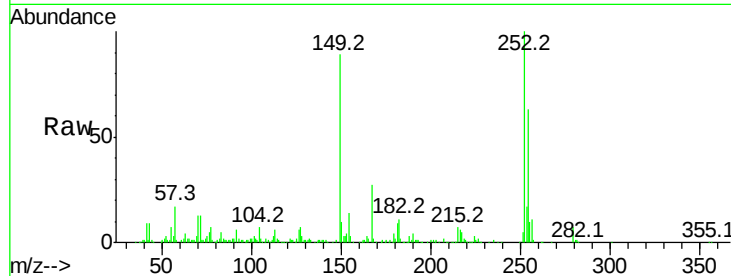




#81
 3,3'-Dichlorobenzidine
 Concen: 26.667 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

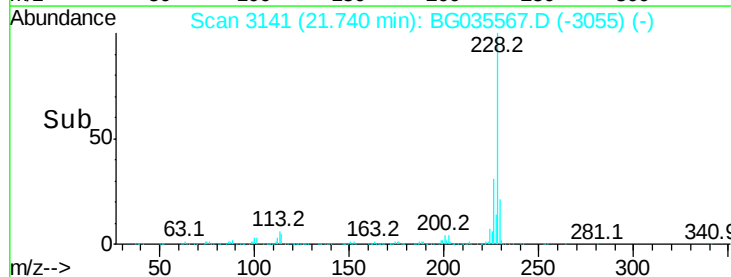
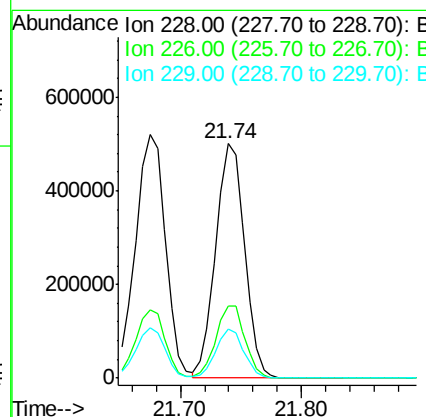
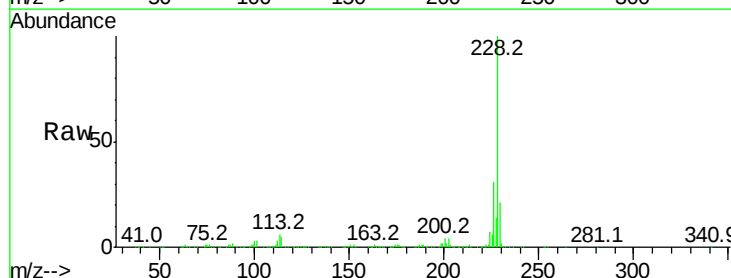
Instrument :
 BNA_G
 ClientSampleId :

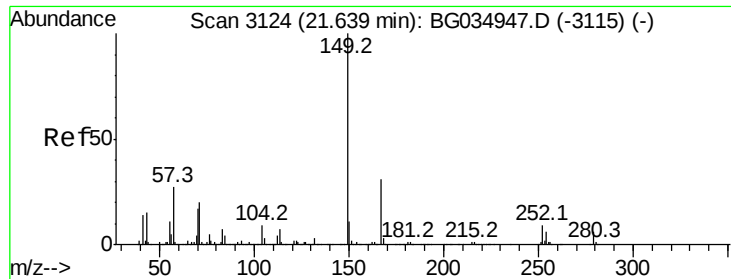
Tot Ion:252 Resp: 192847
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.8 76.2
 126 6.2 7.4 11.2#



#82
 Chrysene
 Concen: 47.084 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.02 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Tgt Ion:228 Resp: 828625
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 20.8 15.0 22.4

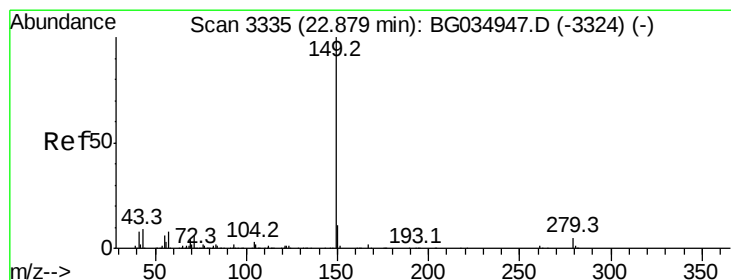
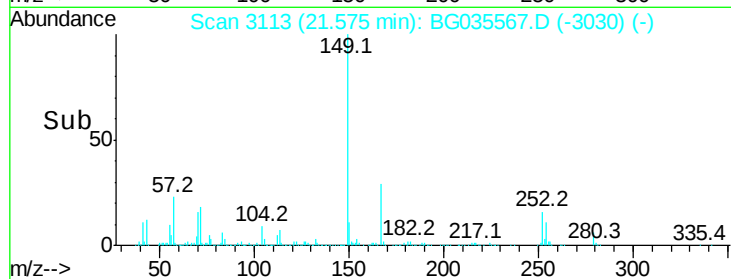
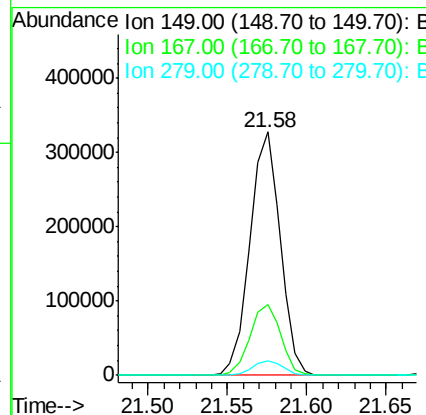
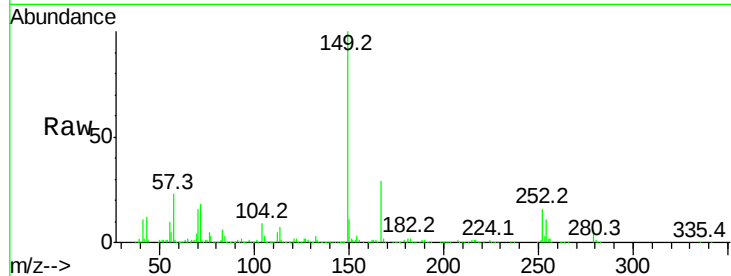




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.743 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.04 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

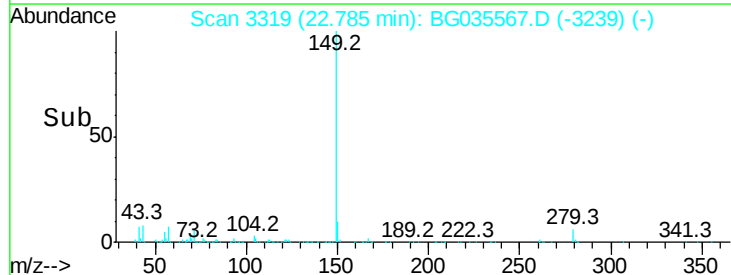
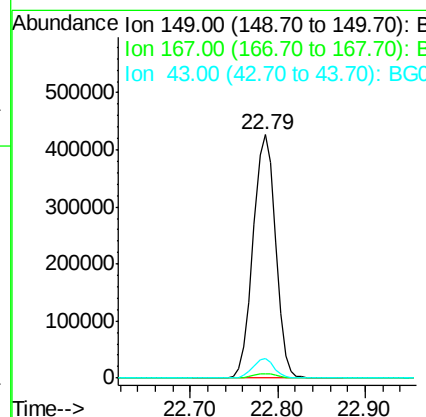
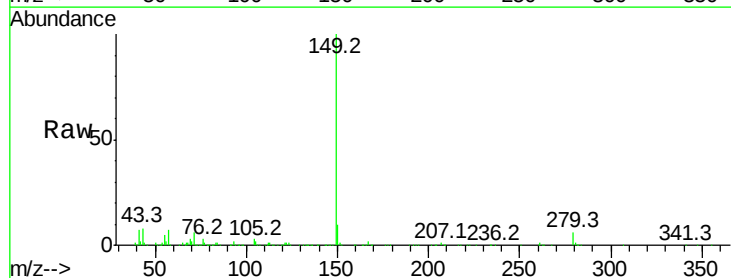
Instrument :
 BNA_G
 ClientSampleId :

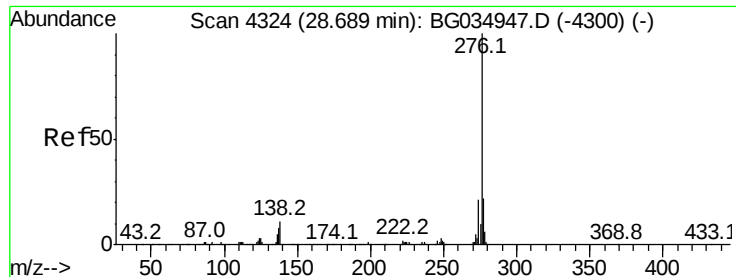
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.3	36.5
279	5.7	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 42.185 ng
 RT: 22.79 min Scan# 3319
 Delta R.T. -0.06 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.7	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.919 ng

RT: 28.59 min Scan# 4307

Delta R.T. -0.07 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

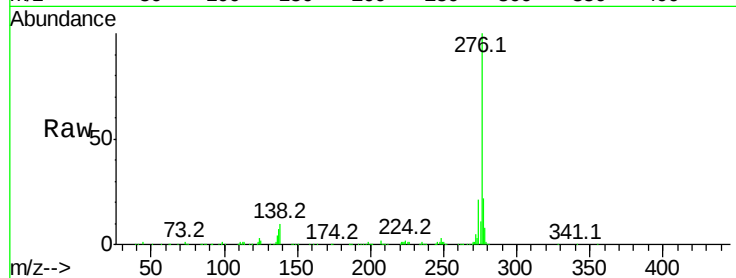
Tot Ion:276 Resp: 987689

Ion Ratio Lower Upper

276 100

138 8.0 16.0 24.0#

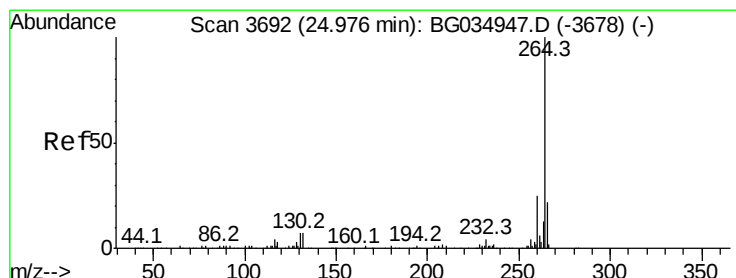
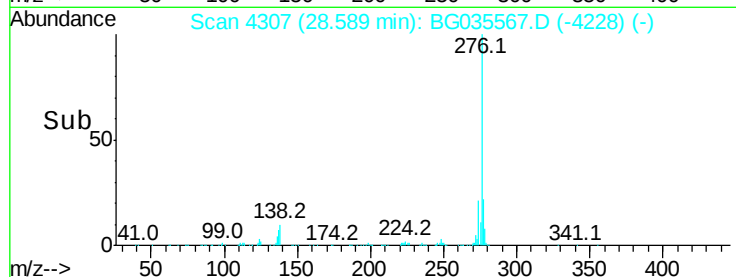
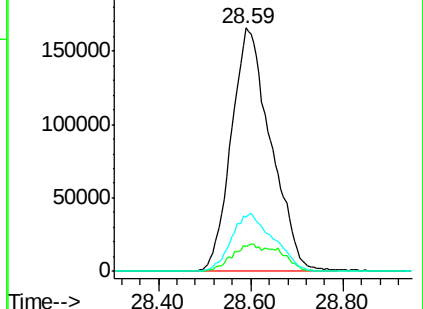
277 25.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

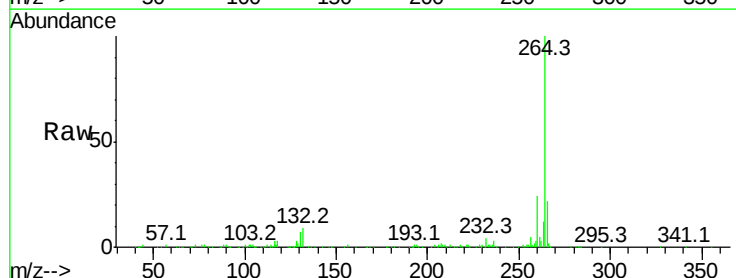
Tgt Ion:264 Resp: 288800

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

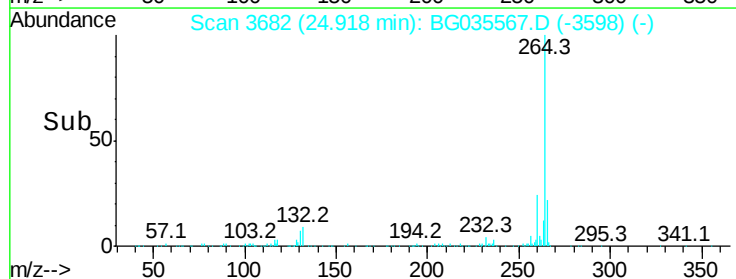
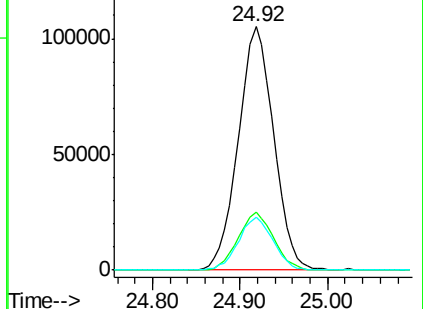
265 21.6 17.7 26.5

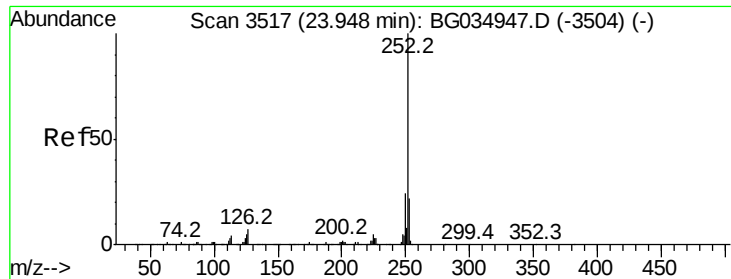


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

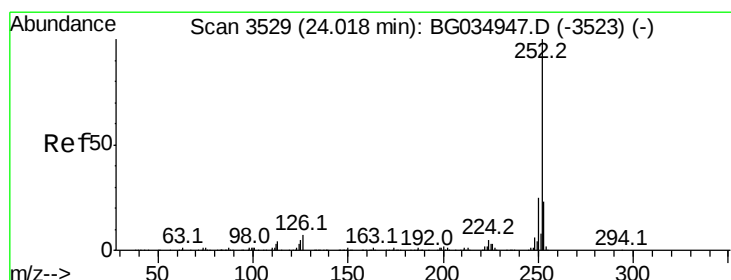
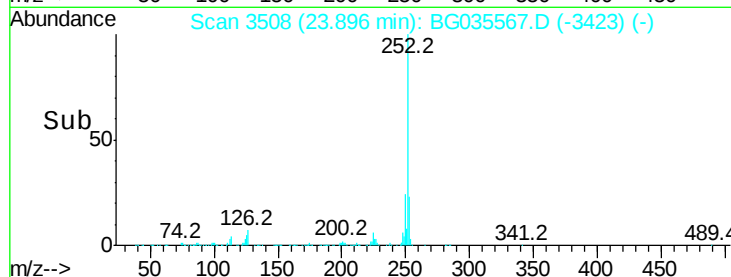
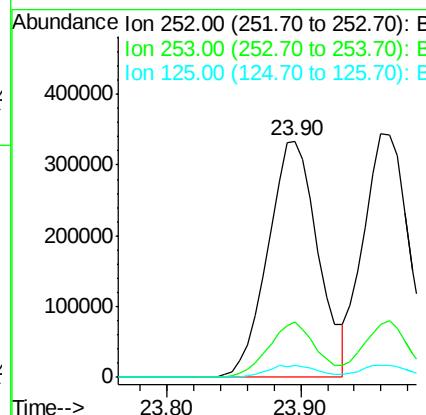
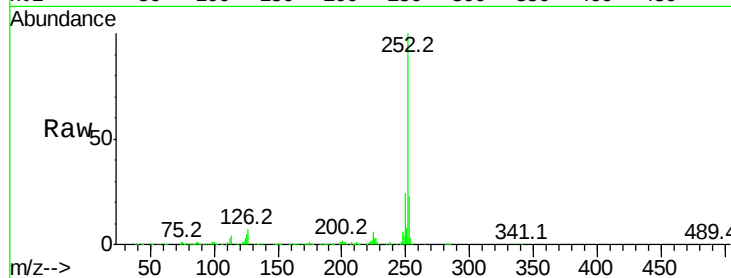




#87
Benzo(b)fluoranthene
Concen: 48.959 ng
RT: 23.90 min Scan# 3508
Delta R.T. -0.03 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

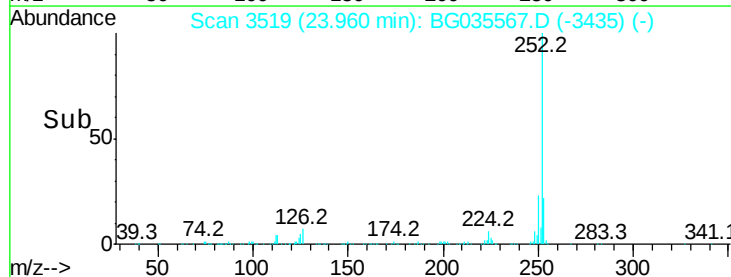
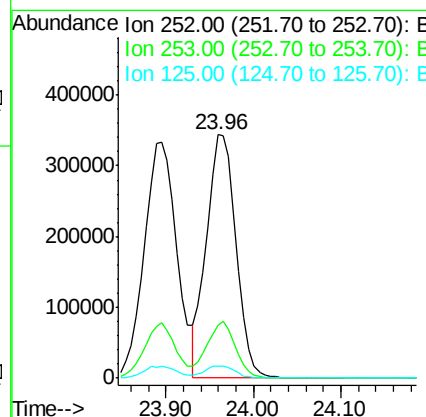
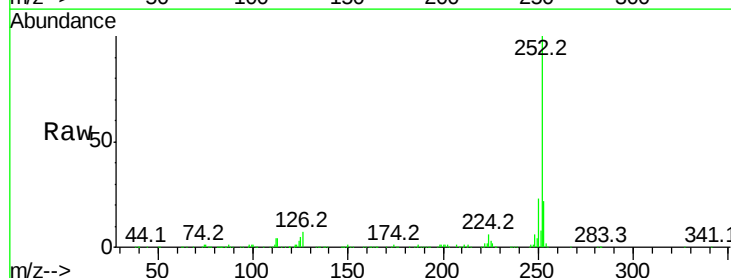
Instrument :
BNA_G
ClientSampleId :

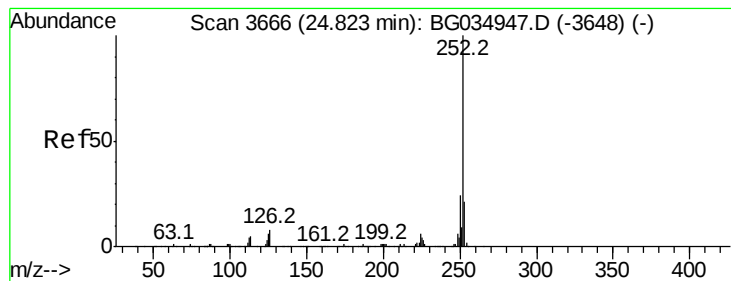
Tot Ion:252 Resp: 870729
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 5.3 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 46.532 ng
RT: 23.96 min Scan# 3519
Delta R.T. -0.04 min
Lab File: BG035567.D
Acq: 3 Jul 2018 1:31

Tgt Ion:252 Resp: 809546
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 5.0 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 50.262 ng

RT: 24.76 min Scan# 3656

Delta R.T. -0.04 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

Instrument :

BNA_G

ClientSampleId :

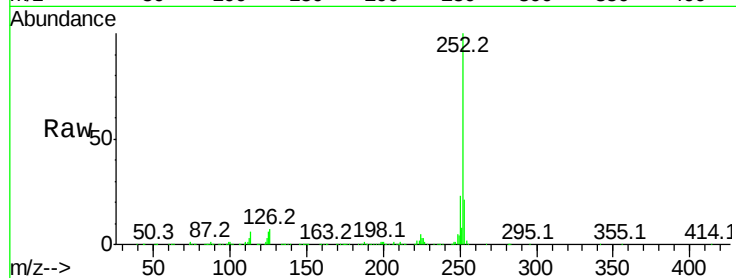
Tot Ion:252 Resp: 841145

Ion Ratio Lower Upper

252 100

253 21.4 18.3 27.5

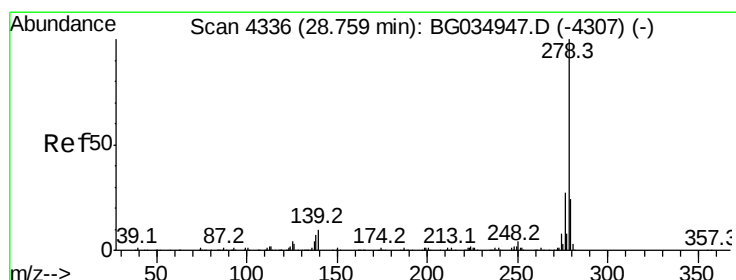
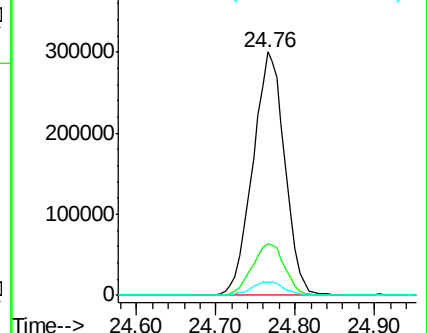
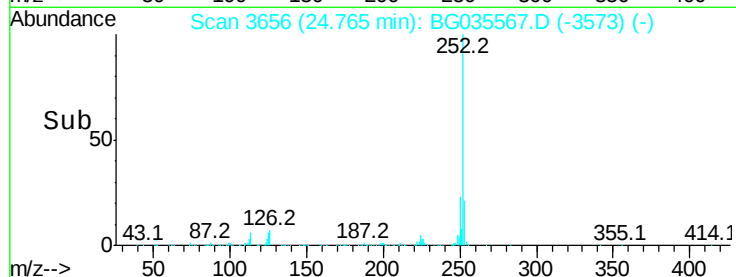
125 5.5 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.056 ng

RT: 28.66 min Scan# 4319

Delta R.T. -0.07 min

Lab File: BG035567.D

Acq: 3 Jul 2018 1:31

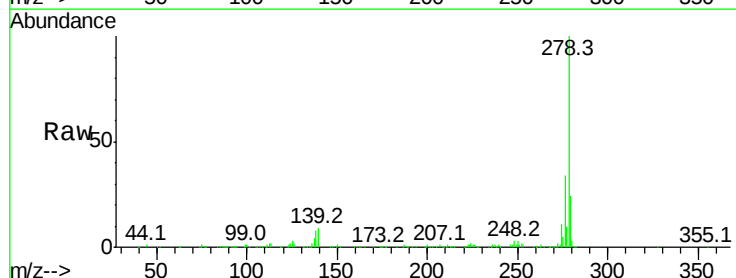
Tgt Ion:278 Resp: 793909

Ion Ratio Lower Upper

278 100

139 8.6 9.8 14.6#

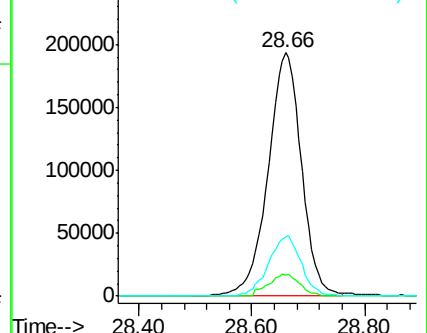
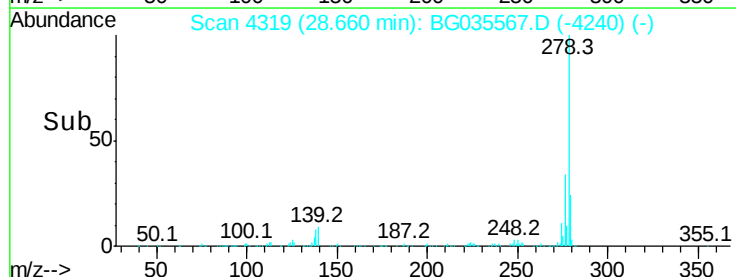
279 24.1 18.4 27.6

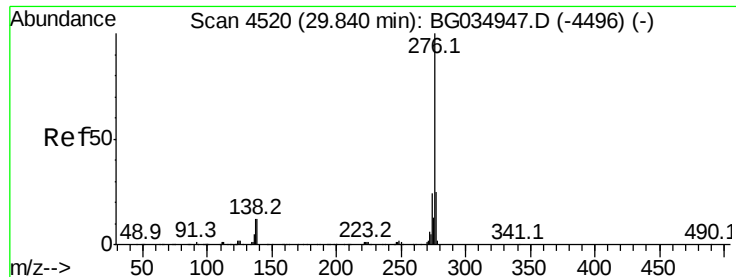


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

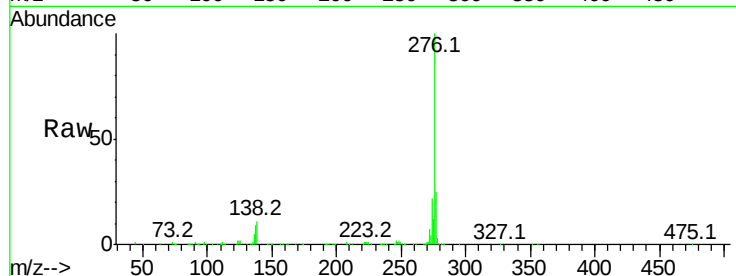




#91
 Benzo(a,h,i)perylene
 Concen: 50.322 ng
 RT: 29.75 min Scan# 4504
 Delta R.T. -0.06 min
 Lab File: BG035567.D
 Acq: 3 Jul 2018 1:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.3	27.5
138	11.1	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

