

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
 Data File : BG035590.D
 Acq On : 12 Jul 2018 12:01
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 12 12:43:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 12:41:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	39406	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	168347	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	122473	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	326711	20.00	ng	0.00
75) Chrysene-d12	21.69	240	355999	20.00	ng	0.00
86) Perylene-d12	24.91	264	340112	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	191387	81.96	ng	0.00
7) Phenol-d6	7.22	99	285879	82.95	ng	0.00
23) Nitrobenzene-d5	9.22	82	317681	89.70	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	123551	78.80	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	683248	72.52	ng	0.00
78) Terphenyl-d14	20.02	244	1228691	72.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	44875	40.280	ng	# 75
3) Pyridine	3.95	79	130465	43.402	ng	# 73
4) n-Nitrosodimethylamine	3.87	42	53638	41.535	ng	# 83
6) Aniline	7.38	93	183934	41.289	ng	# 96
8) 2-Chlorophenol	7.62	128	96959	39.614	ng	97
9) Benzaldehyde	7.20	77	88636	33.389	ng	99
10) Phenol	7.25	94	145367	40.758	ng	92
11) bis(2-Chloroethyl)ether	7.48	93	112073	40.485	ng	91
12) 1,3-Dichlorobenzene	7.95	146	115050	39.396	ng	# 94
13) 1,4-Dichlorobenzene	8.09	146	117715	39.047	ng	97
14) 1,2-Dichlorobenzene	8.41	146	112410	39.697	ng	98
15) Benzyl Alcohol	8.29	79	129324	39.602	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.58	45	93553	33.955	ng	81
17) 2-Methylphenol	8.50	107	99507	42.318	ng	# 90
18) Hexachloroethane	9.14	117	44246	40.996	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	117172	40.018	ng	90
20) 3+4-Methylphenols	8.82	107	141569	42.003	ng	90
22) Acetophenone	8.88	105	201805	38.698	ng	# 92
24) Nitrobenzene	9.26	77	156812	43.239	ng	92
25) Isophorone	9.78	82	292135	39.069	ng	99
26) 2-Nitrophenol	9.97	139	58057	46.443	ng	# 80
27) 2,4-Dimethylphenol	10.03	122	96815	36.846	ng	92
28) bis(2-Chloroethoxy)methane	10.26	93	161635	40.225	ng	97
29) 2,4-Dichlorophenol	10.51	162	113268	39.617	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	132130	38.541	ng	95
31) Naphthalene	10.91	128	332516	38.022	ng	98
32) Benzoic acid	10.17	122	59253	33.667	ng	92
33) 4-Chloroaniline	11.02	127	147148	38.750	ng	# 87
34) Hexachlorobutadiene	11.20	225	102806	38.559	ng	97
35) Caprolactam	11.79	113	45040	42.626	ng	# 81
36) 4-Chloro-3-methylphenol	12.14	107	148779	41.746	ng	92
37) 2-Methylnaphthalene	12.51	142	254947	38.451	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	172434	37.799	ng	99
40) Hexachlorocyclopentadiene	12.86	237	94176	32.920	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	108169	39.600	nq	98
43) 2,4,5-Trichlorophenol	13.19	196	112459	37.510	nq	94
45) 1,1'-Biphenyl	13.52	154	360169	36.572	nq	99
46) 2-Chloronaphthalene	13.56	162	275525	37.004	nq	97
47) 2-Nitroaniline	13.76	65	100888	45.886	nq	93
48) Acenaphthylene	14.40	152	467529	37.447	nq	95
49) Dimethylphthalate	14.13	163	397362	37.206	nq	99
50) 2,6-Dinitrotoluene	14.25	165	84634	43.438	nq	96
51) Acenaphthene	14.74	154	286838	35.163	nq	96
52) 3-Nitroaniline	14.58	138	87656	45.848	nq #	96
53) 2,4-Dinitrophenol	14.78	184	37044	46.979	nq #	58
54) Dibenzofuran	15.08	168	461770	37.797	nq	94
55) 4-Nitrophenol	14.89	139	62040	38.449	nq #	81
56) 2,4-Dinitrotoluene	15.04	165	125422	48.459	nq	95
57) Fluorene	15.72	166	380893	37.305	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	111576	38.309	nq	95
59) Diethylphthalate	15.49	149	414331	38.025	nq	96
60) 4-Chlorophenyl-phenylether	15.71	204	224115	38.493	nq	96
61) 4-Nitroaniline	15.74	138	92132	44.934	nq #	79
62) Azobenzene	16.01	77	408171	38.226	nq	96
64) 4,6-Dinitro-2-methylphenol	15.80	198	69937	46.885	nq	87
65) n-Nitrosodiphenylamine	15.93	169	359631	36.654	nq	96
66) 4-Bromophenyl-phenylether	16.61	248	148122	37.648	nq	93
67) Hexachlorobenzene	16.73	284	149779	37.402	nq	97
68) Atrazine	16.88	200	152872	36.537	nq	95
69) Pentachlorophenol	17.07	266	95143	35.333	nq	97
70) Phenanthrene	17.46	178	620578	37.393	nq	98
71) Anthracene	17.56	178	622991	37.475	nq	98
72) Carbazole	17.82	167	594235	38.525	nq	99
73) Di-n-butylphthalate	18.37	149	706869	38.449	nq #	99
74) Fluoranthene	19.47	202	844134	39.087	nq	96
76) Benzidine	19.65	184	343371	25.926	nq	99
77) Pyrene	19.83	202	849830	36.211	nq	97
79) Butylbenzylphthalate	20.71	149	316664	37.158	nq	96
80) Benzo(a)anthracene	21.67	228	840386	36.941	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	302428	35.335	nq	99
82) Chrysene	21.73	228	778044	37.354	nq	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	431315	35.819	nq #	99
84) Di-n-octyl phthalate	22.78	149	726497	35.167	nq #	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	879964	36.072	nq #	91
87) Benzo(b)fluoranthene	23.89	252	786550	37.553	nq #	96
88) Benzo(k)fluoranthene	23.95	252	791759	38.644	nq #	97
89) Benzo(a)pyrene	24.76	252	755481	38.333	nq #	95
90) Dibenzo(a,h)anthracene	28.65	278	740434	38.057	nq #	95
91) Benzo(g,h,i)perylene	29.73	276	726993	38.182	nq #	93

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

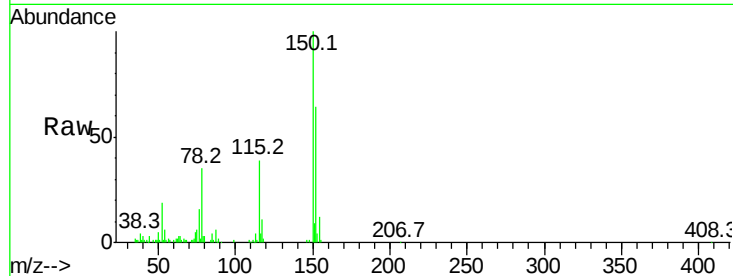


#1

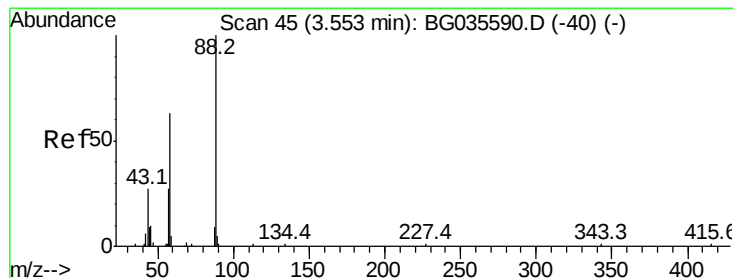
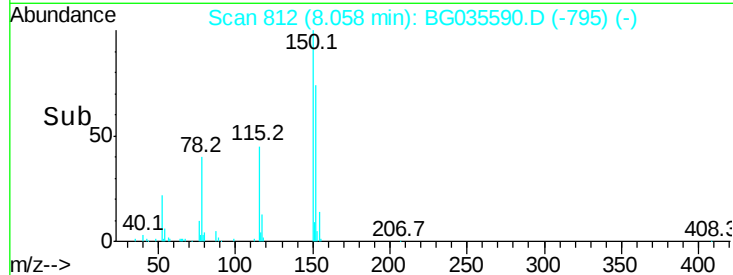
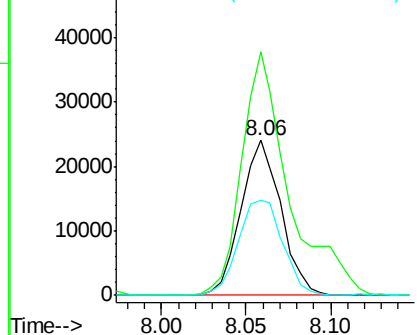
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	61.3	53.0	79.4



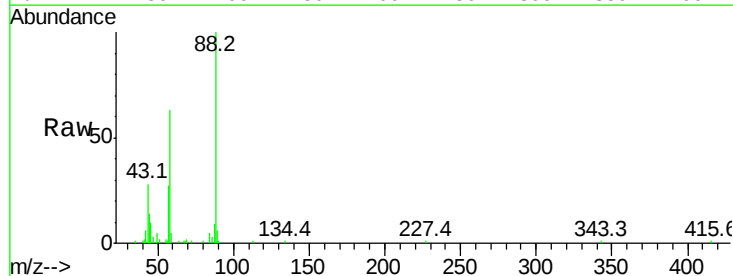
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



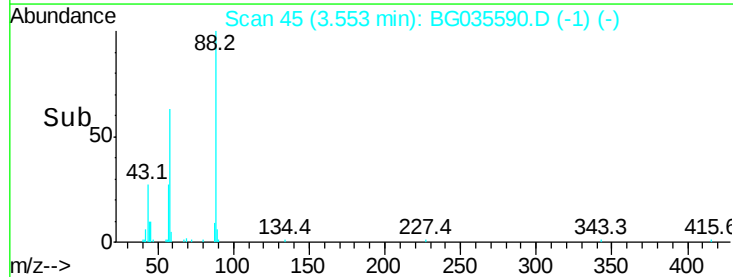
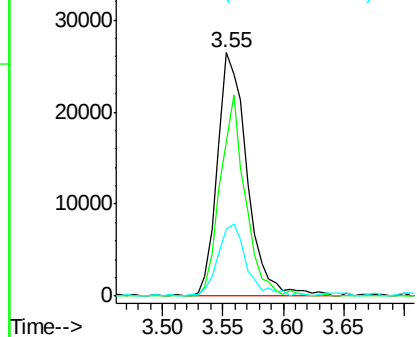
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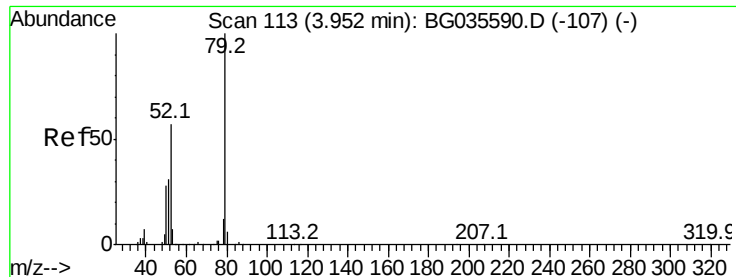
1,4-Dioxane
Concen: 40.280 ng
RT: 3.55 min Scan# 45
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	79.6	119.4#
43	28.8	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: 43.402 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

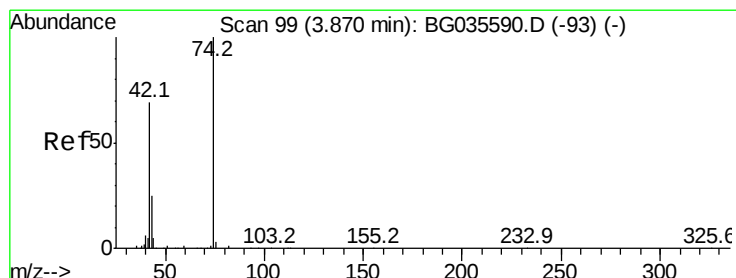
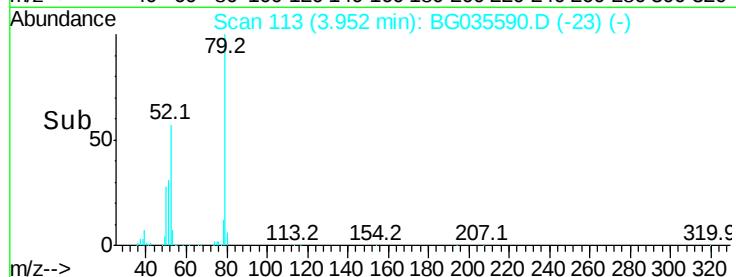
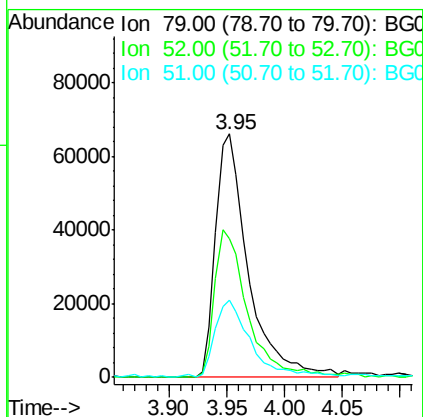
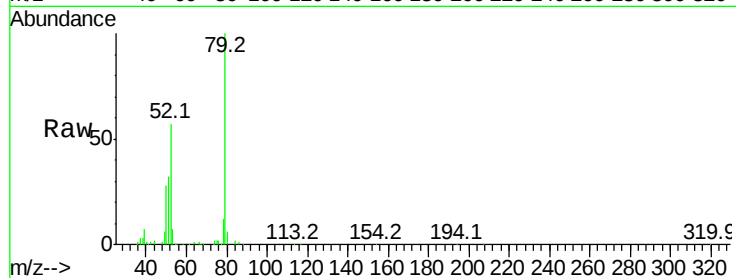
Tot Ion: 79 Resp: 130465

Ion Ratio Lower Upper

79 100

52 57.2 69.9 104.9#

51 31.9 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 41.535 ng

RT: 3.87 min Scan# 99

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

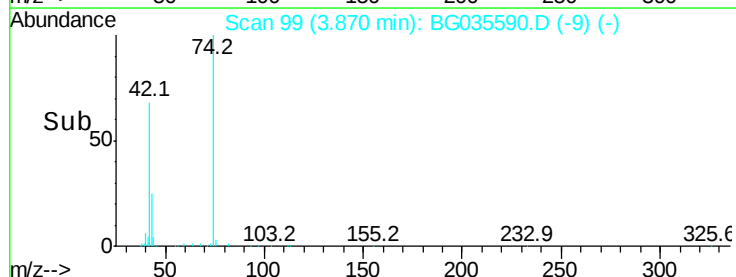
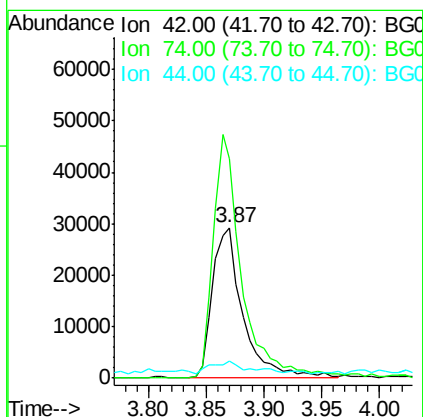
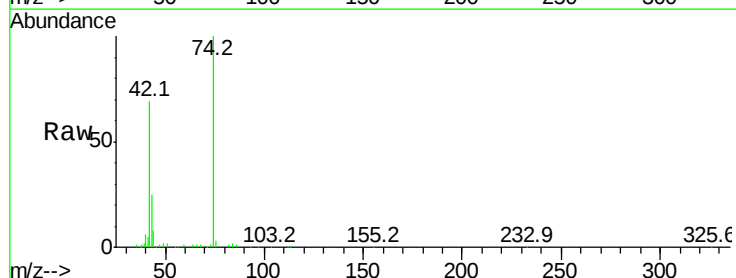
Tgt Ion: 42 Resp: 53638

Ion Ratio Lower Upper

42 100

74 145.7 102.5 153.7

44 11.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 81.964 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG035590.D

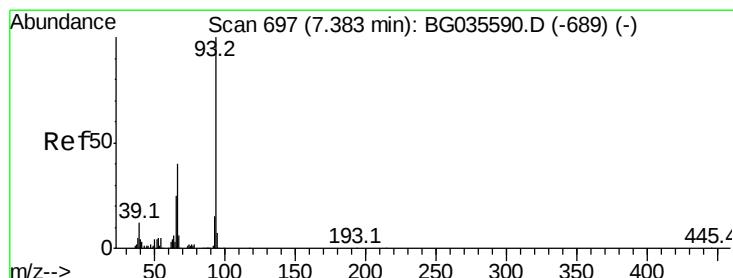
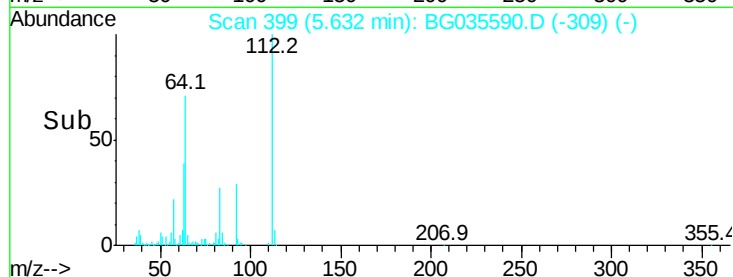
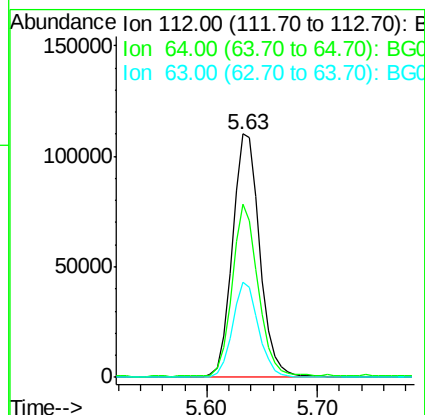
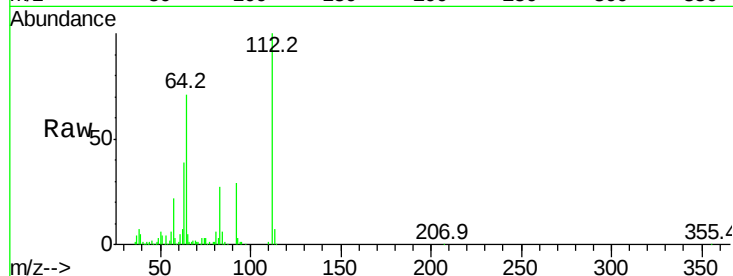
Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	191387
Ion	Ratio	Lower	Upper
112	100		
64	71.0	56.3	84.5
63	38.8	30.1	45.1



#6

Aniline

Concen: 41.289 ng

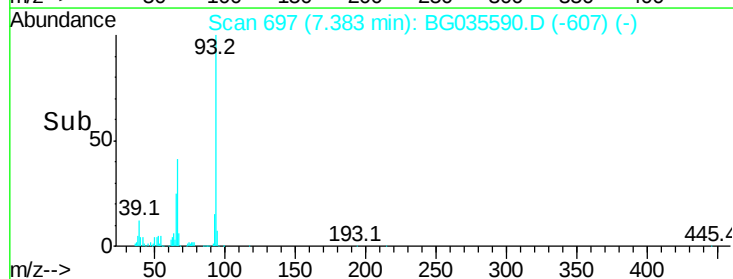
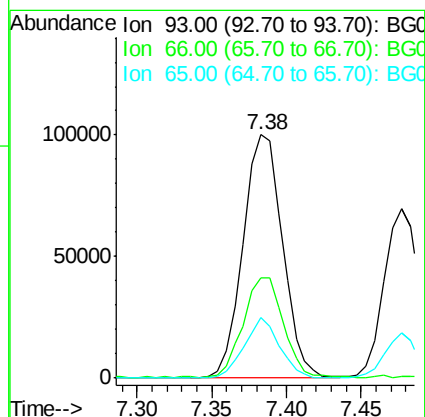
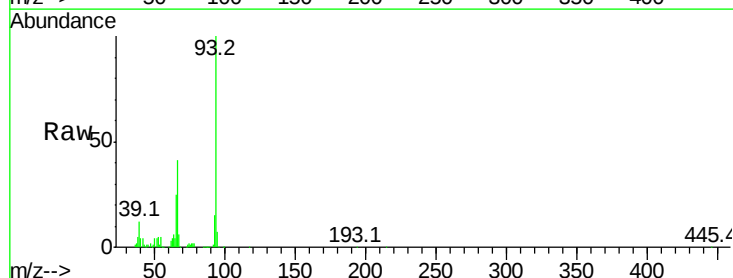
RT: 7.38 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Tgt Ion:	93	Resp:	183934
Ion	Ratio	Lower	Upper
93	100		
66	41.1	33.7	50.5
65	24.7	16.1	24.1#





#7

Phenol-d6

Concen: 82.951 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

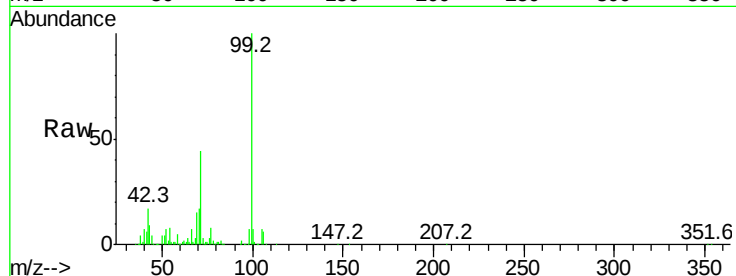
Tot Ion: 99 Resp: 285879

Ion Ratio Lower Upper

99 100

42 17.0 14.1 21.1

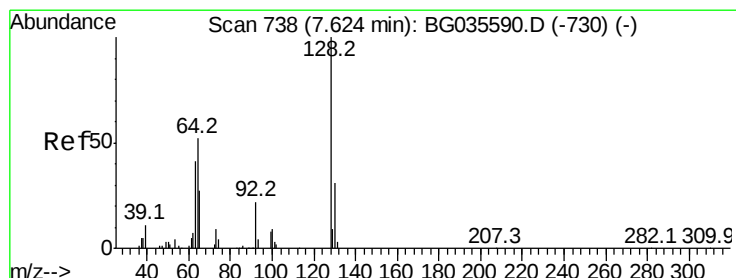
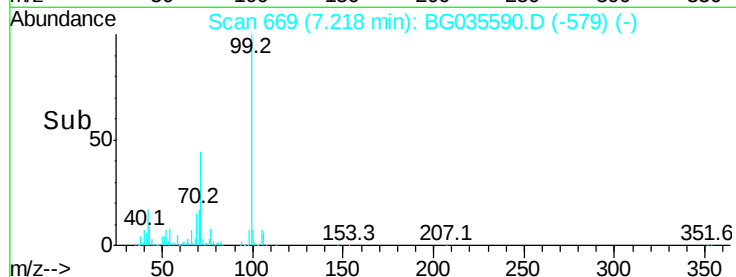
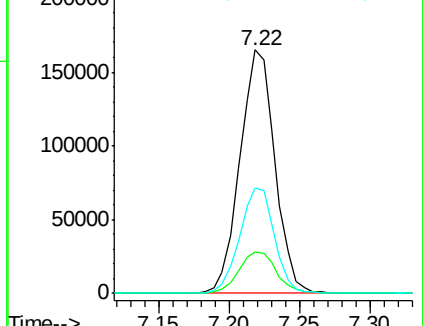
71 43.5 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.614 ng

RT: 7.62 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

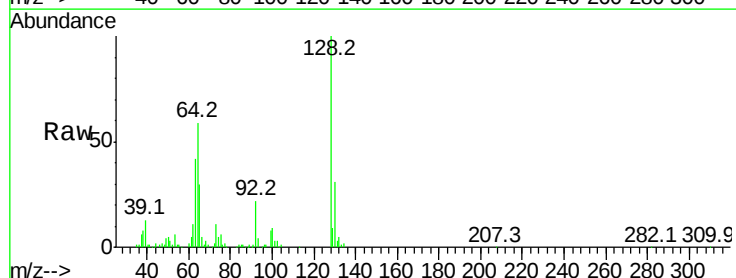
Tgt Ion: 128 Resp: 96959

Ion Ratio Lower Upper

128 100

130 30.5 14.0 54.0

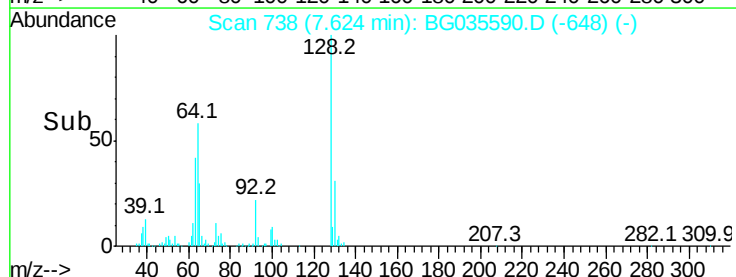
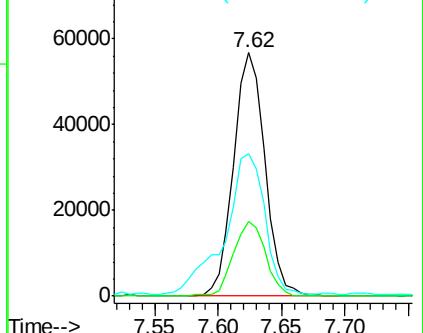
64 58.6 37.7 77.7

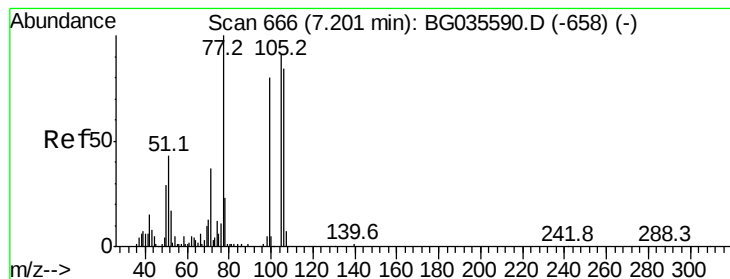


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 33.389 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

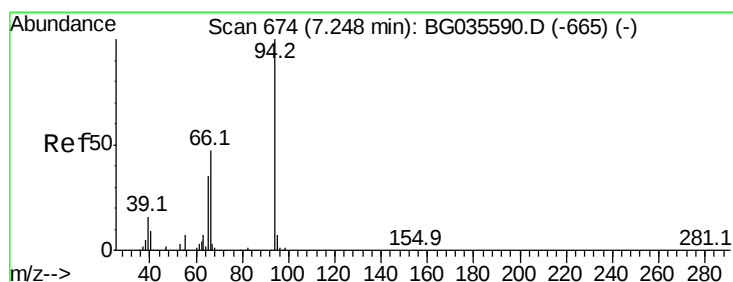
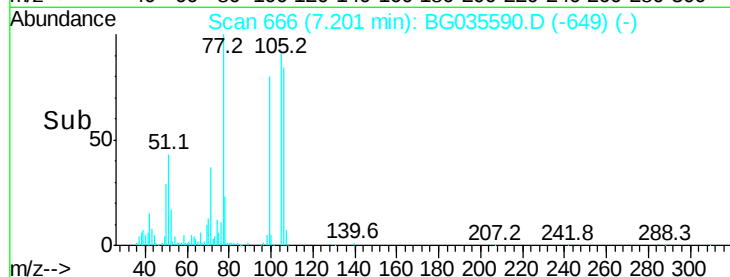
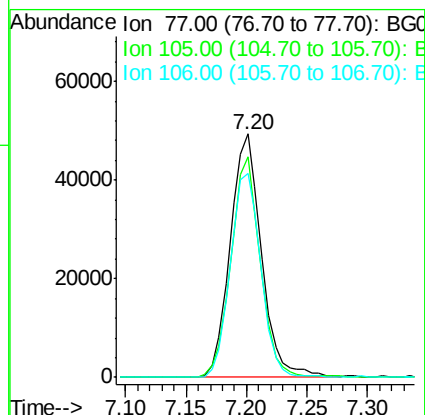
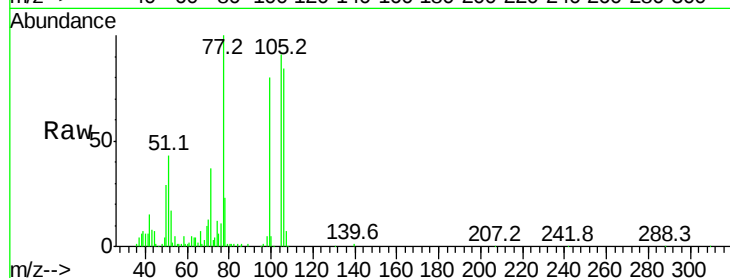
Tot Ion: 77 Resp: 88636

Ion Ratio Lower Upper

77 100

105 90.5 71.3 111.3

106 84.0 64.2 104.2



#10

Phenol

Concen: 40.758 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

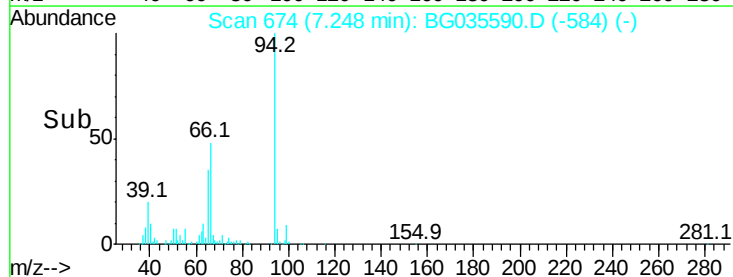
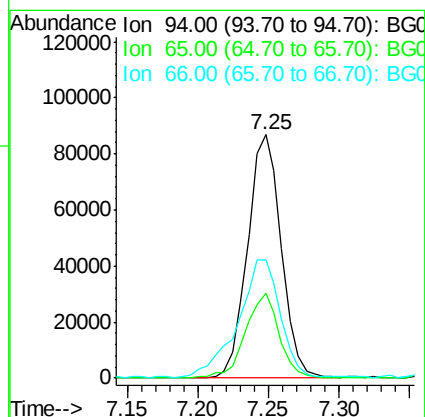
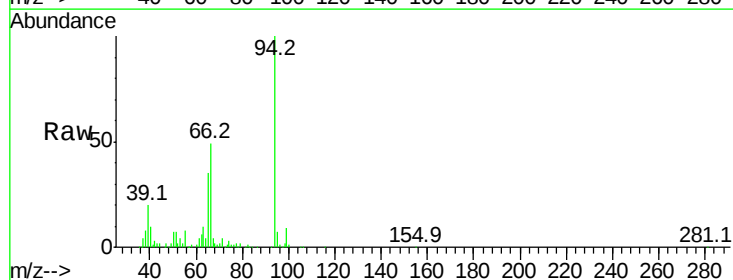
Tgt Ion: 94 Resp: 145367

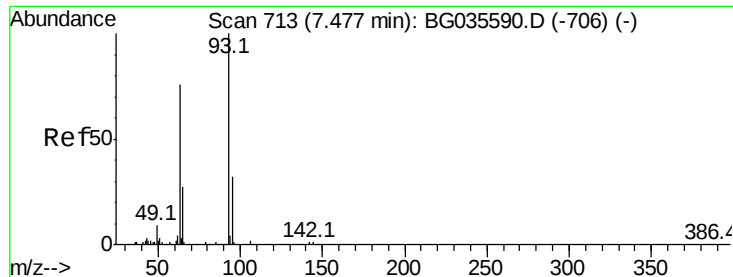
Ion Ratio Lower Upper

94 100

65 35.1 11.9 51.9

66 48.5 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 40.485 ng

RT: 7.48 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

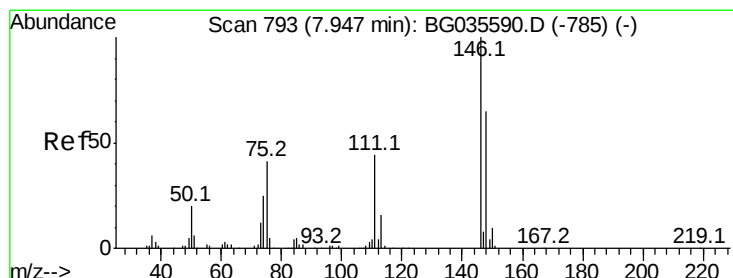
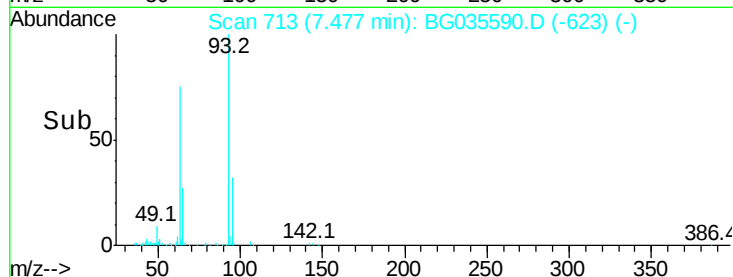
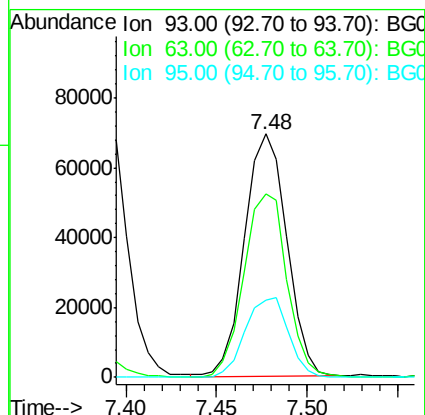
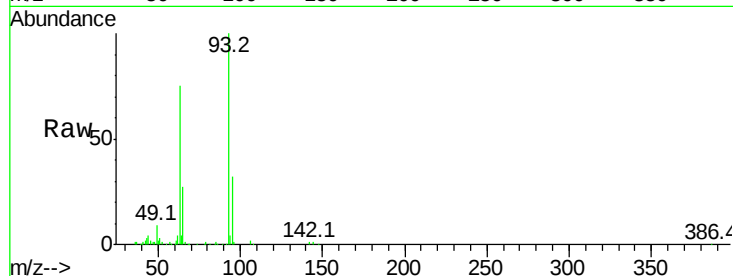
Tot Ion: 93 Resp: 112073

Ion Ratio Lower Upper

93 100

63 75.3 67.1 107.1

95 31.6 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 39.396 ng

RT: 7.95 min Scan# 793

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

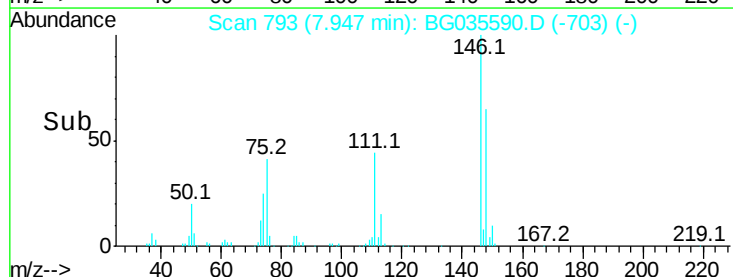
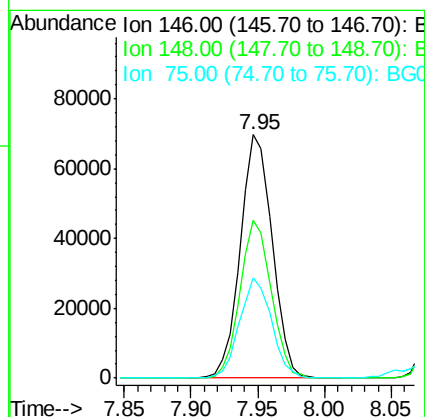
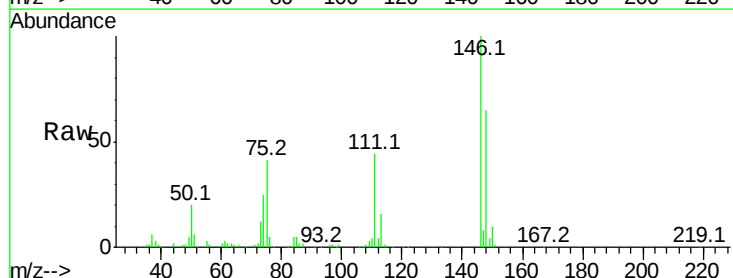
Tgt Ion: 146 Resp: 115050

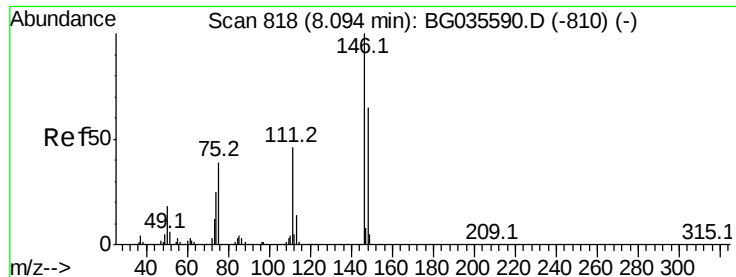
Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.2

75 41.4 26.6 39.8#





#13

1,4-Dichlorobenzene

Concen: 39.047 ng

RT: 8.09 min Scan# 818

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampled :

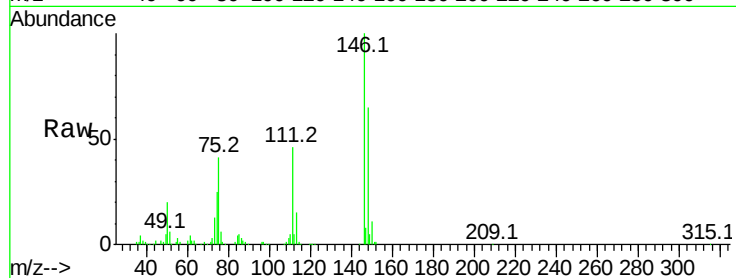
Tot Ion:146 Resp: 117715

Ion Ratio Lower Upper

146 100

148 64.9 53.7 80.5

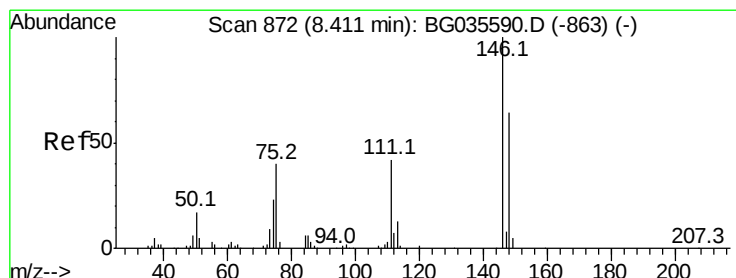
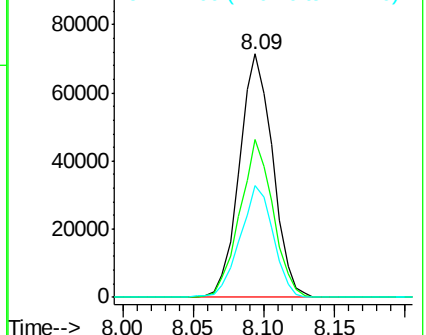
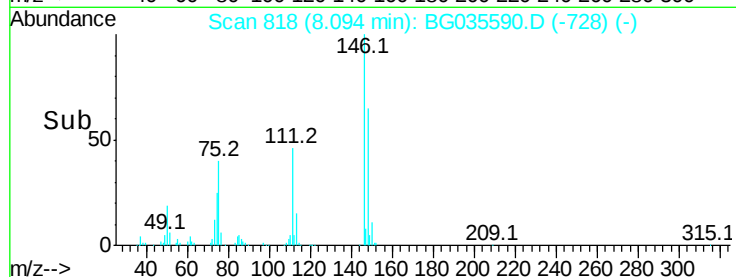
111 46.0 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.697 ng

RT: 8.41 min Scan# 872

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

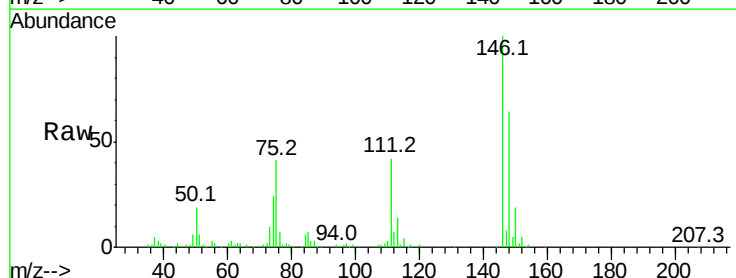
Tgt Ion:146 Resp: 112410

Ion Ratio Lower Upper

146 100

148 64.3 49.3 73.9

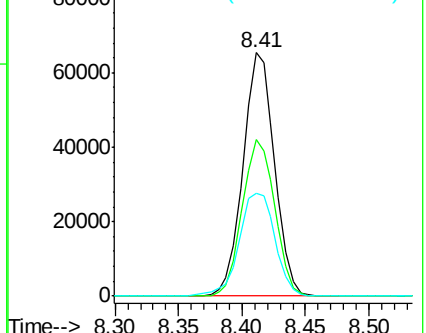
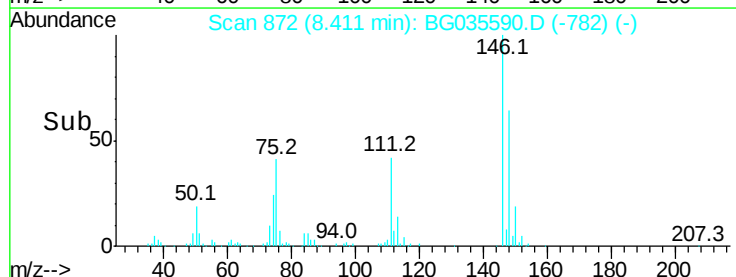
111 42.4 34.3 51.5

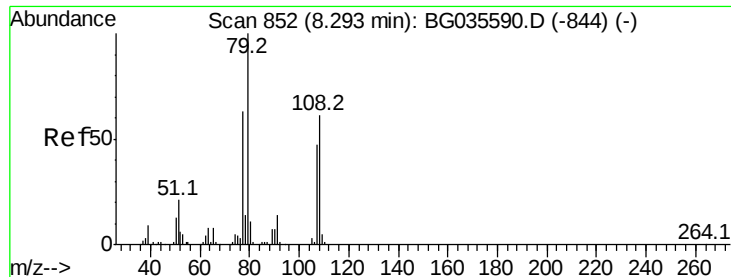


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.602 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

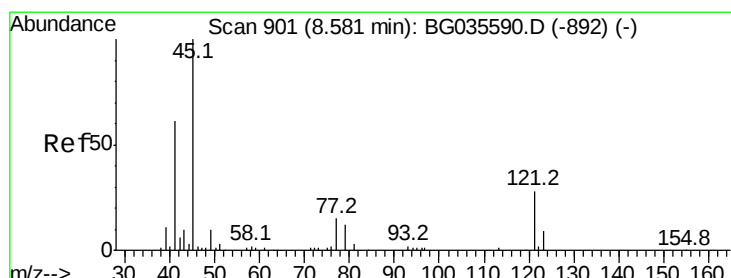
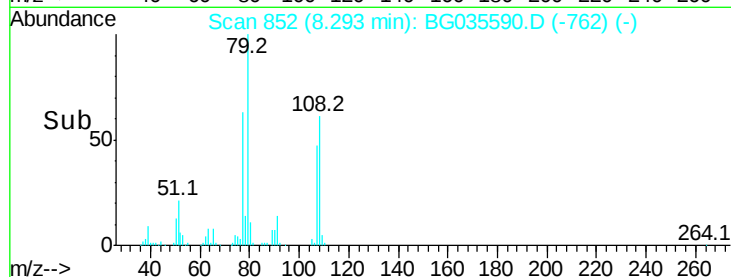
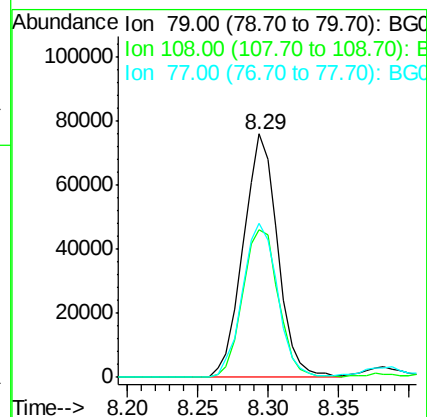
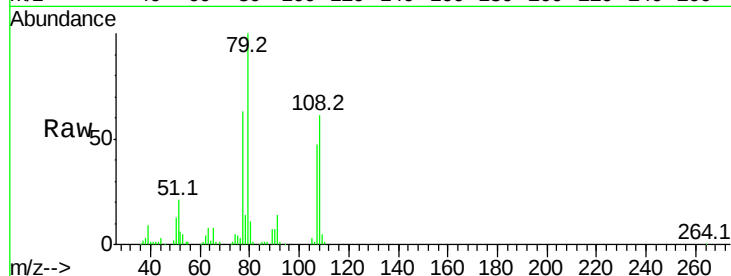
Tot Ion: 79 Resp: 129324

Ion Ratio Lower Upper

79 100

108 60.8 57.2 85.8

77 63.2 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.955 ng

RT: 8.58 min Scan# 901

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

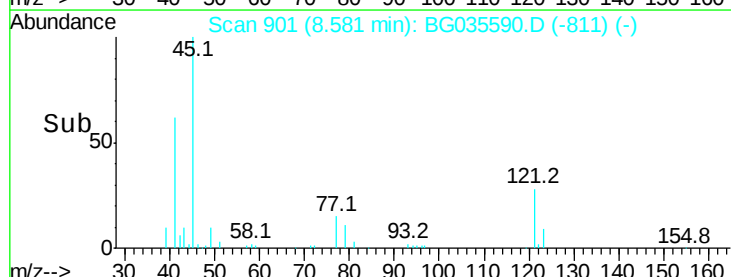
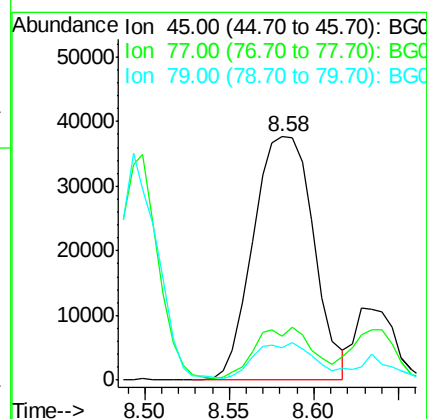
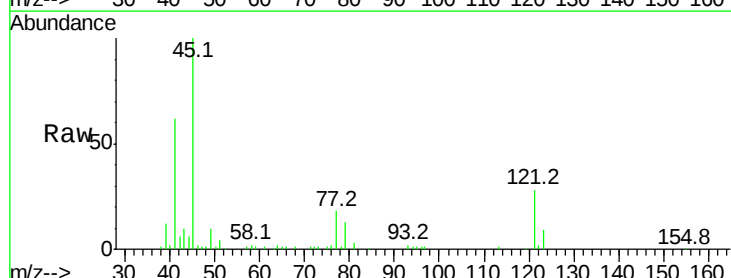
Tgt Ion: 45 Resp: 93553

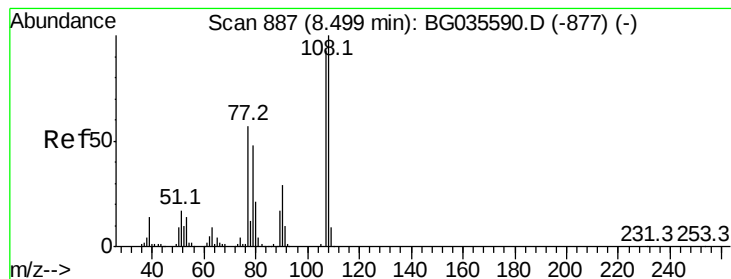
Ion Ratio Lower Upper

45 100

77 17.9 0.0 30.2

79 13.4 0.0 27.9

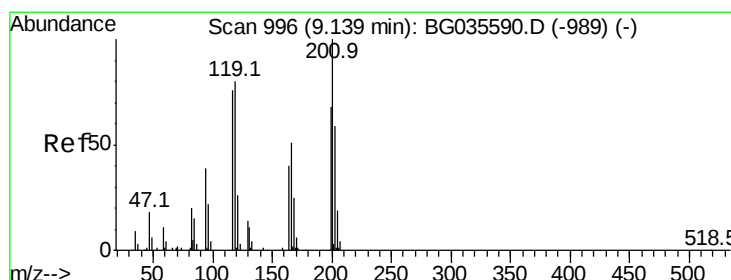
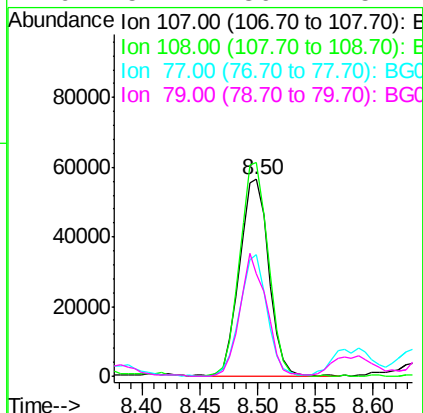
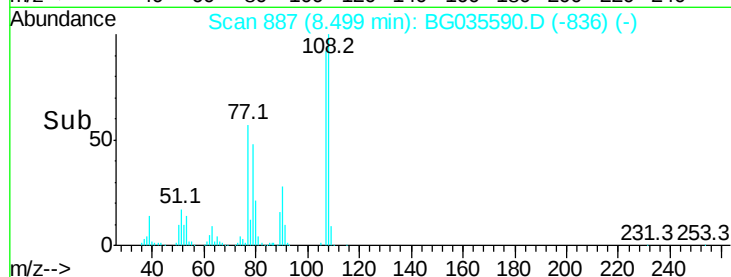
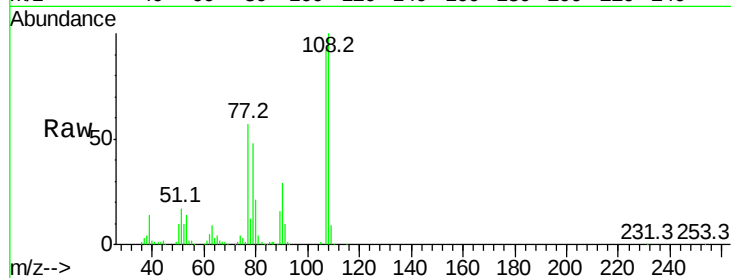




#17
2-Methylphenol
Concen: 42.318 ng
RT: 8.50 min Scan# 887
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

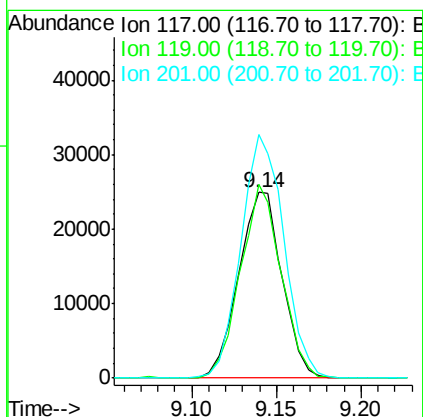
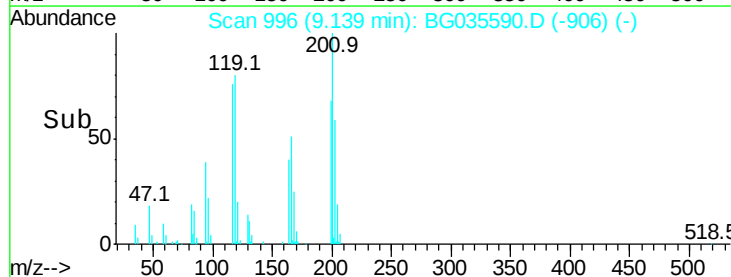
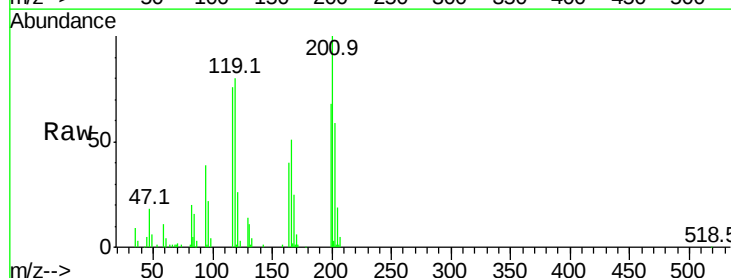
Instrument :
BNA_G
ClientSampleId :

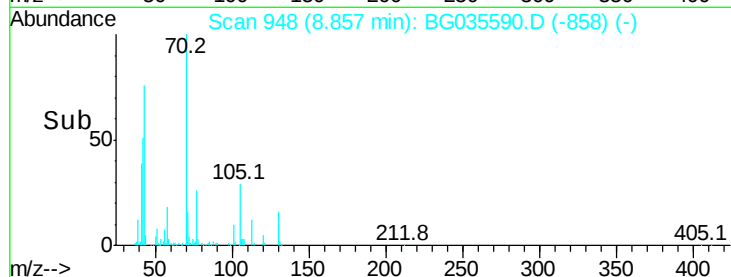
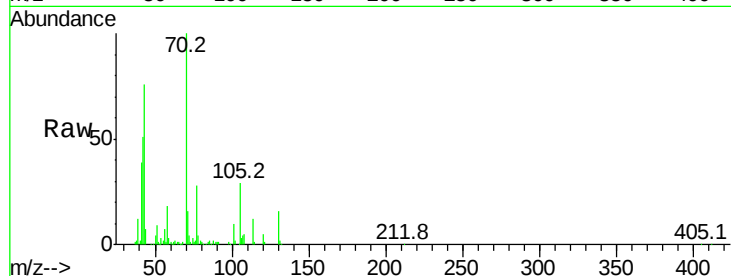
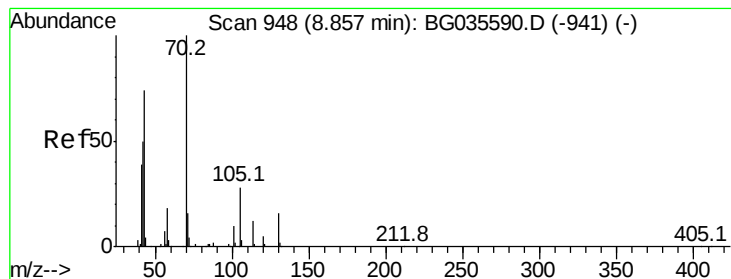
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.4	83.9	125.9
77	61.6	37.2	55.8
79	52.1	36.2	54.2



#18
Hexachloroethane
Concen: 40.996 ng
RT: 9.14 min Scan# 996
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.8	76.7	115.1
201	131.3	95.7	143.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.018 ng

RT: 8.86 min Scan# 948

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 117172

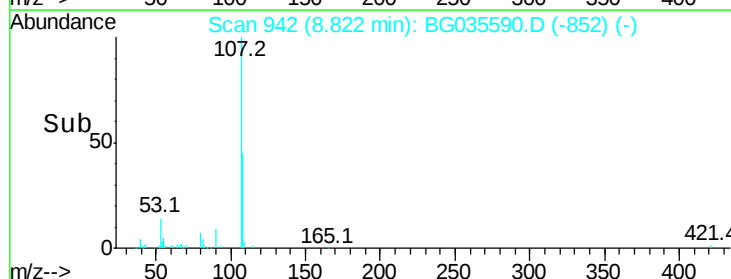
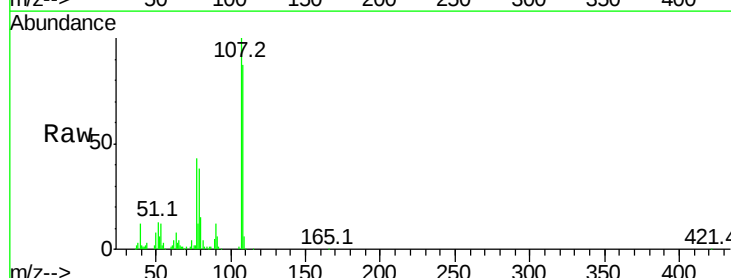
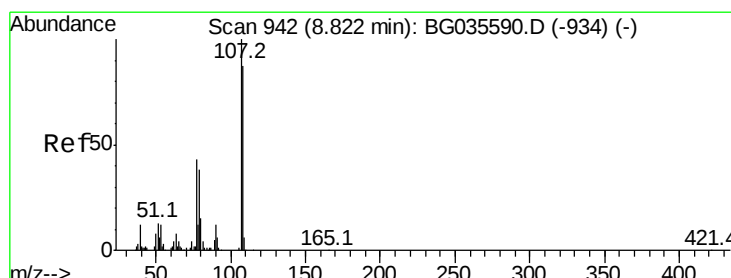
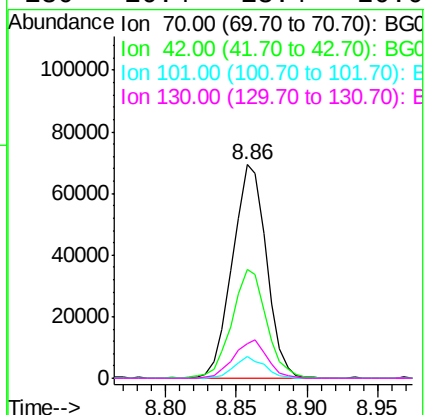
Ion Ratio Lower Upper

70 100

42 50.7 49.1 73.7

101 10.1 8.5 12.7

130 16.4 13.4 20.0



#20

3+4-Methylphenols

Concen: 42.003 ng

RT: 8.82 min Scan# 942

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Tgt Ion: 107 Resp: 141569

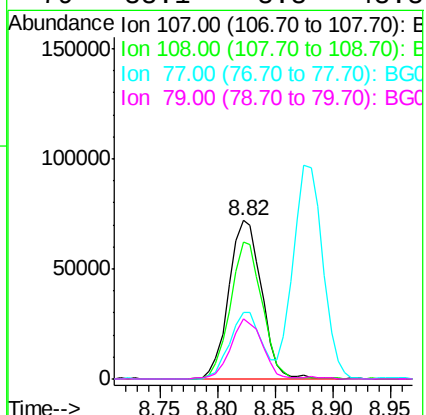
Ion Ratio Lower Upper

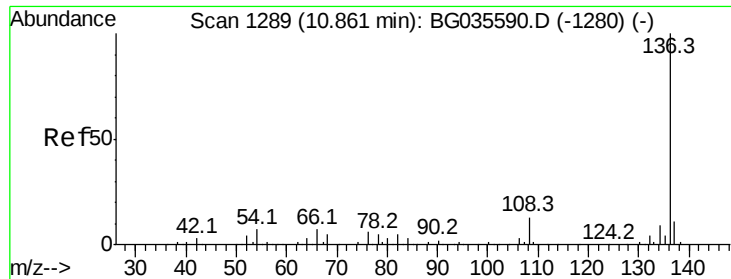
107 100

108 86.8 61.6 101.6

77 42.5 13.9 53.9

79 38.1 8.8 48.8

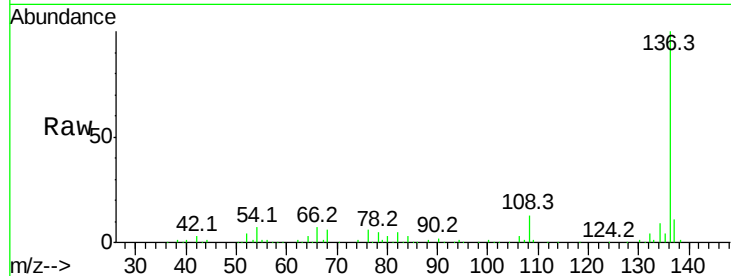




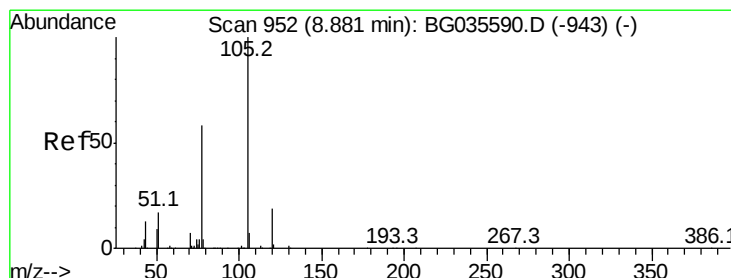
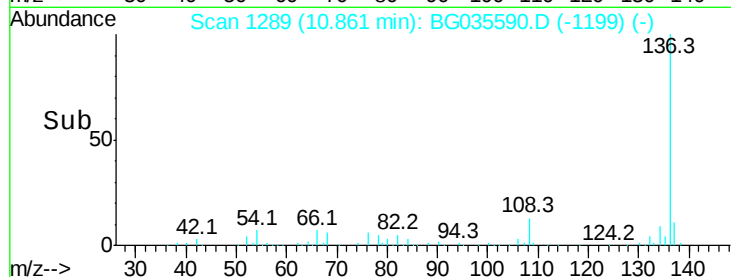
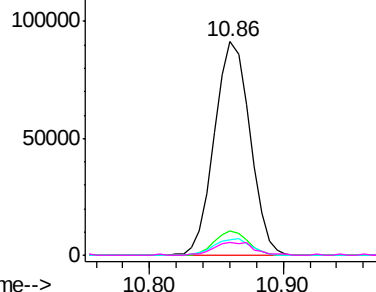
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	168347
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.2	13.8
54	7.0	10.3	15.5#
68	5.9	4.5	6.7

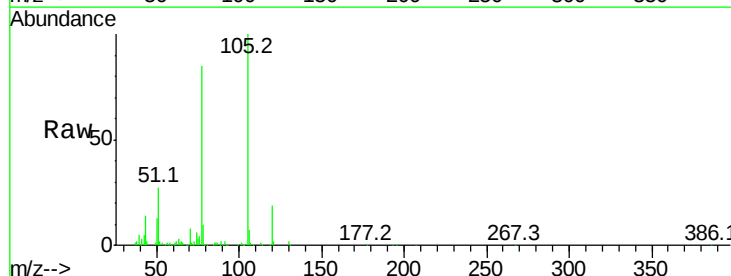


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

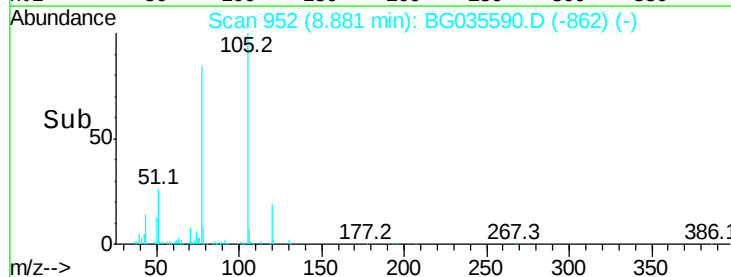
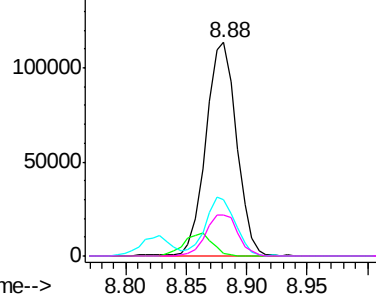


#22
Acetophenone
Concen: 38.698 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Tgt Ion:	105	Resp:	201805
Ion Ratio	Lower	Upper	
105	100		
71	1.2	3.0	4.4#
51	26.5	26.1	39.1
120	19.3	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

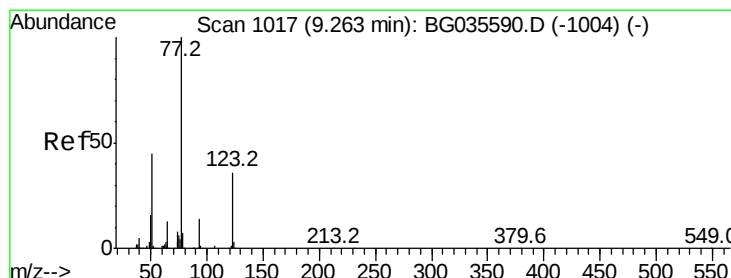
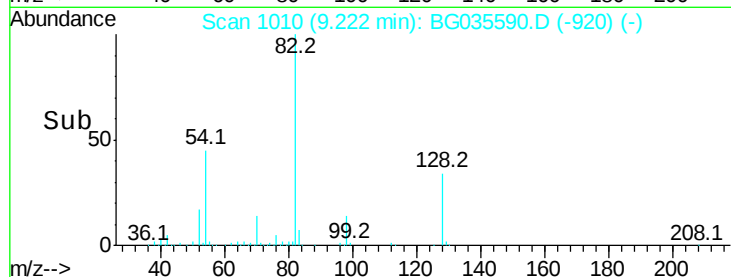
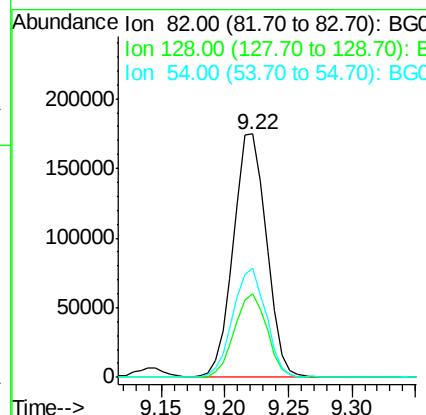
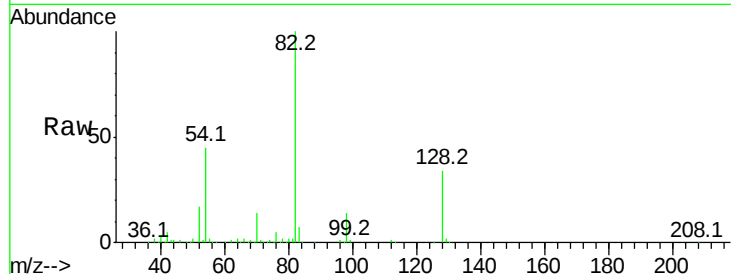




#23
 Nitrobenzene-d5
 Concen: 89.700 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

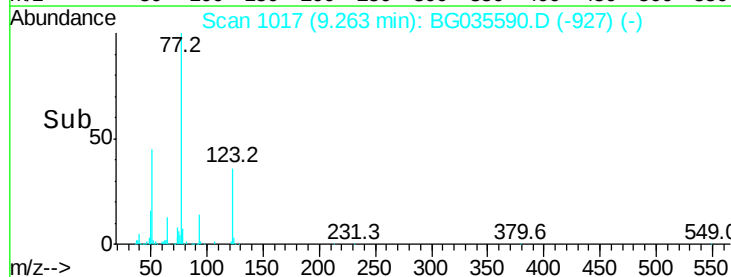
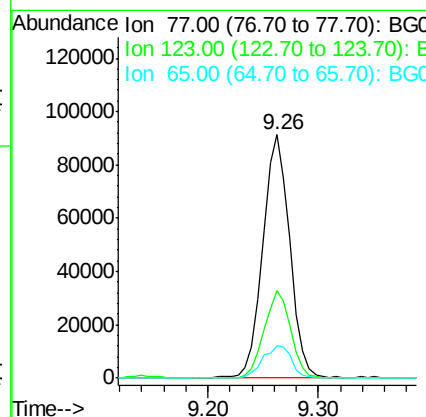
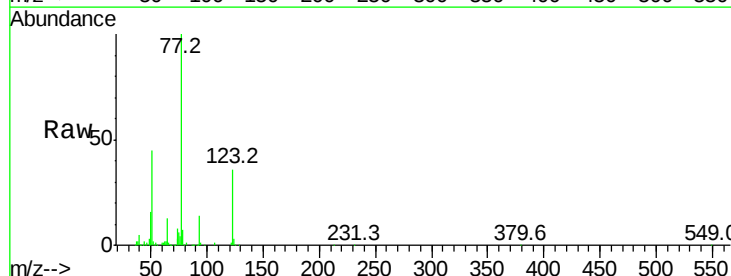
Instrument :
 BNA_G
 ClientSampleId :

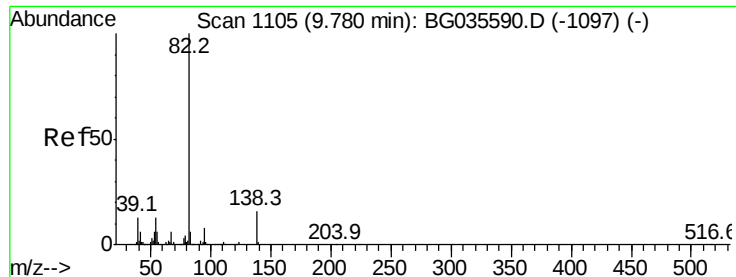
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	44.7	43.1	64.7



#24
 Nitrobenzene
 Concen: 43.239 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.0	33.0	49.6
65	13.4	13.0	19.6





#25

Isophorone

Concen: 39.069 ng

RT: 9.78 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

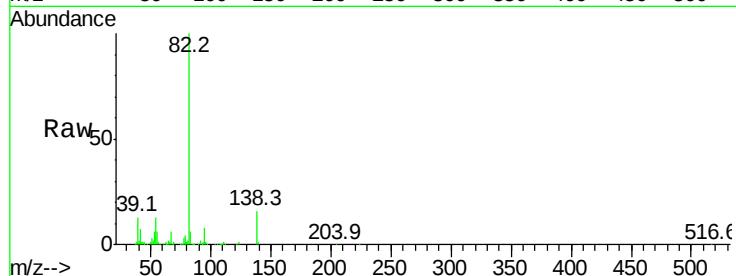
Tot Ion: 82 Resp: 292135

Ion Ratio Lower Upper

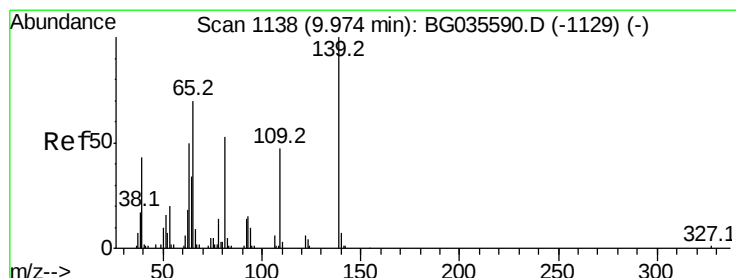
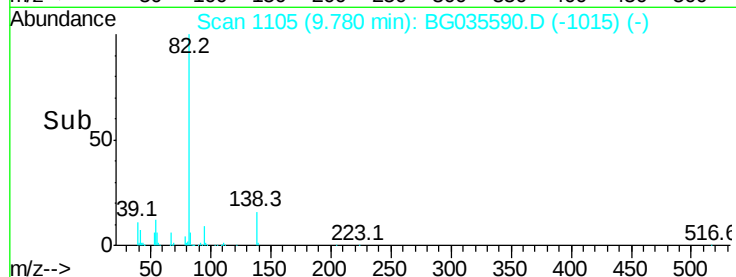
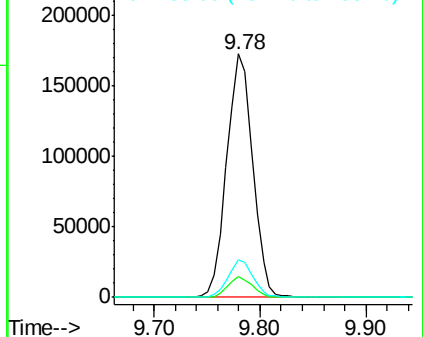
82 100

95 8.5 6.2 9.2

138 15.5 12.1 18.1



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



#26

2-Nitrophenol

Concen: 46.443 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

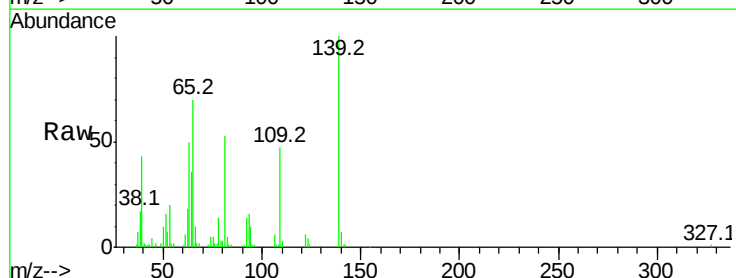
Tgt Ion: 139 Resp: 58057

Ion Ratio Lower Upper

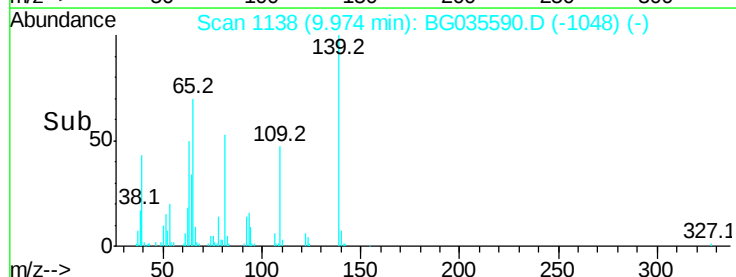
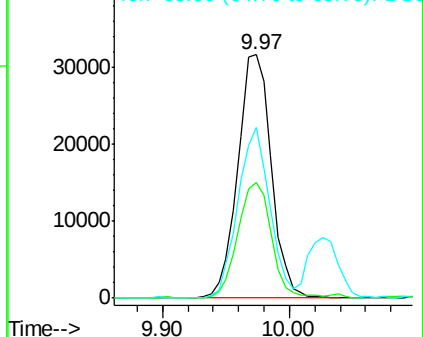
139 100

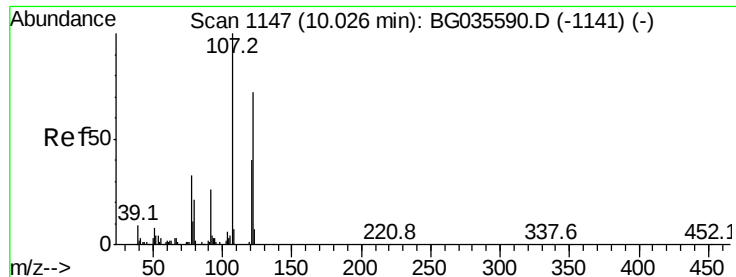
109 47.4 24.2 36.2#

65 70.3 47.4 71.0



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

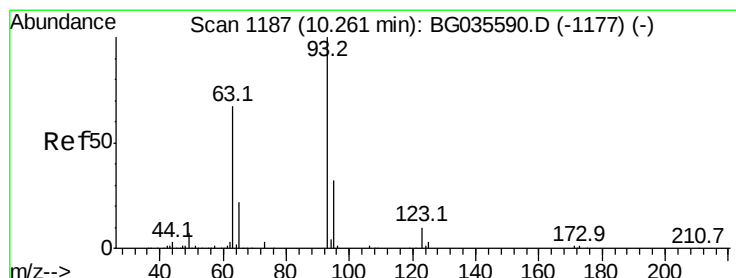
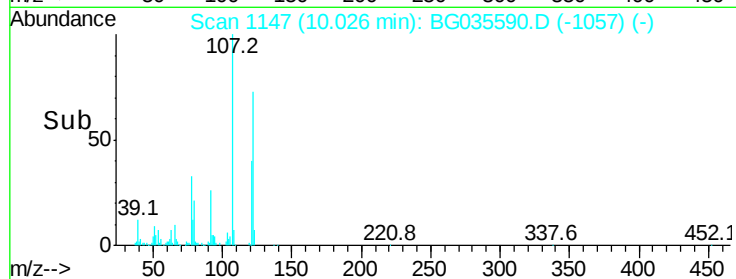
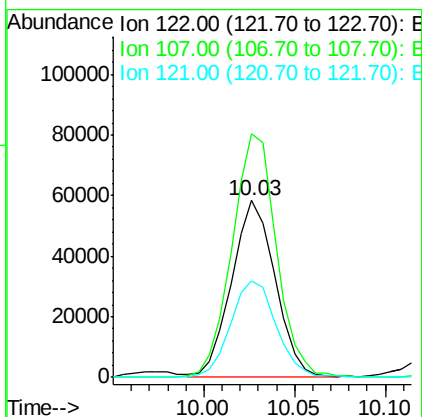
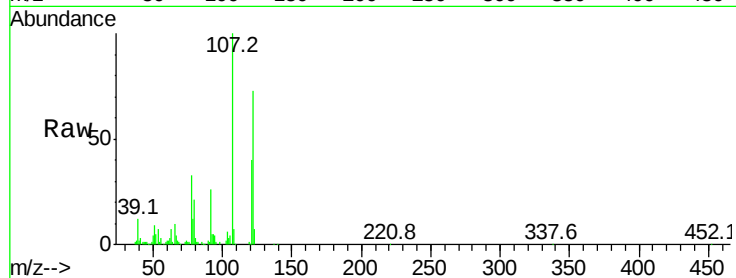




#27
2,4-Dimethylphenol
Concen: 36.846 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

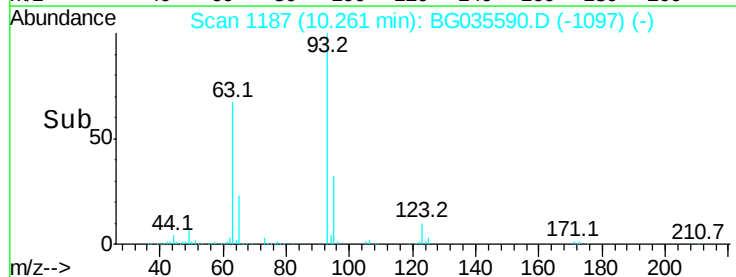
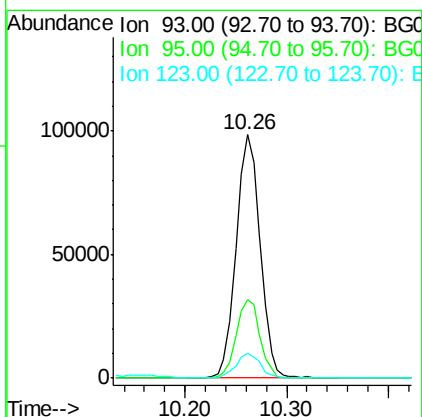
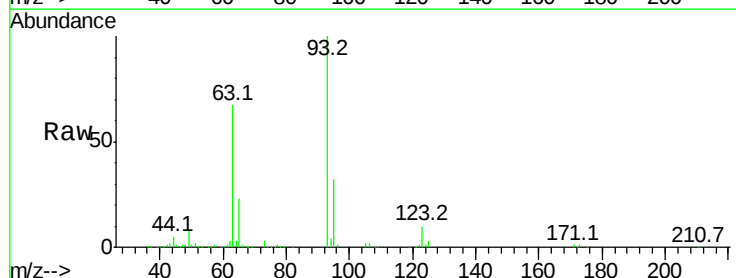
Instrument :
BNA_G
ClientSampleId :

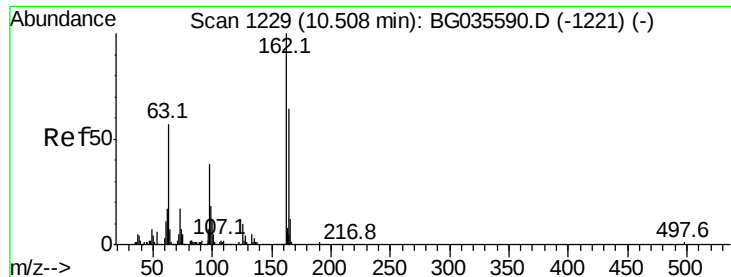
Tot Ion:122 Resp: 96815
Ion Ratio Lower Upper
122 100
107 137.8 100.2 150.2
121 54.5 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.225 ng
RT: 10.26 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Tgt Ion: 93 Resp: 161635
Ion Ratio Lower Upper
93 100
95 32.1 24.3 36.5
123 10.2 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 39.617 ng

RT: 10.51 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

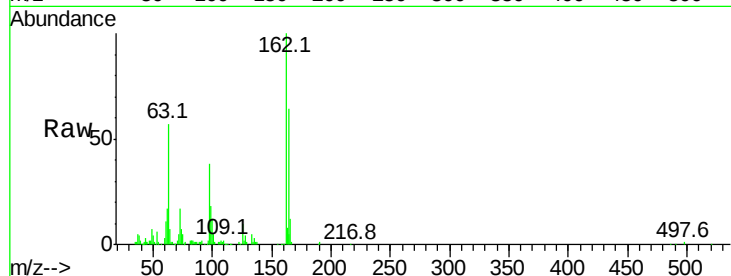
Tot Ion:162 Resp: 113268

Ion Ratio Lower Upper

162 100

164 63.8 48.0 88.0

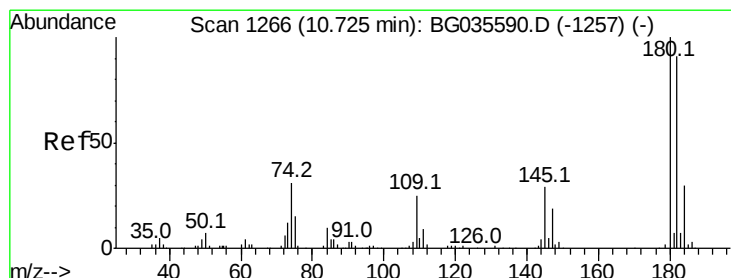
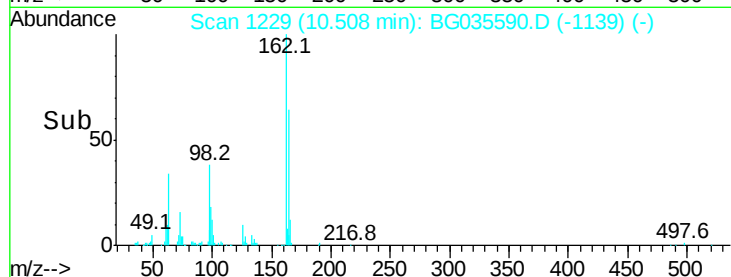
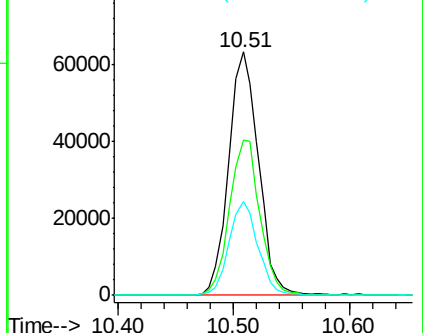
98 38.3 21.1 61.1



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: 38.541 ng

RT: 10.73 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

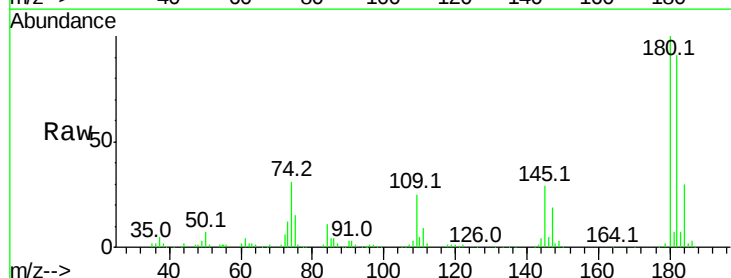
Tgt Ion:180 Resp: 132130

Ion Ratio Lower Upper

180 100

182 90.7 77.5 116.3

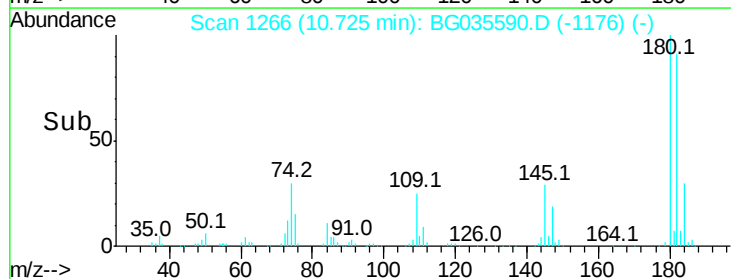
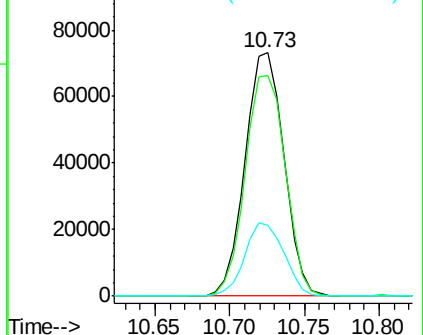
145 28.9 23.4 35.2

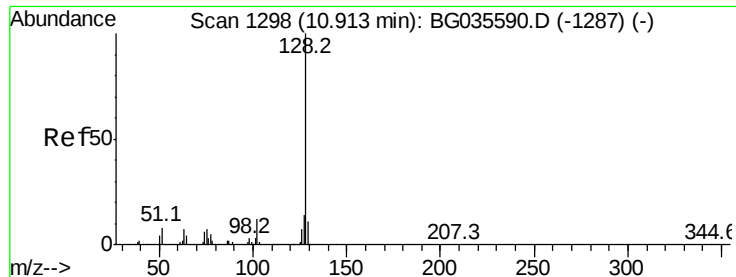


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

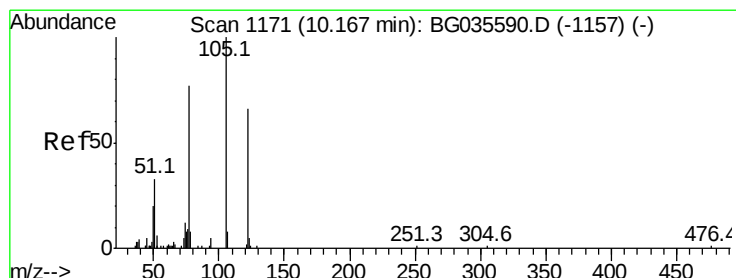
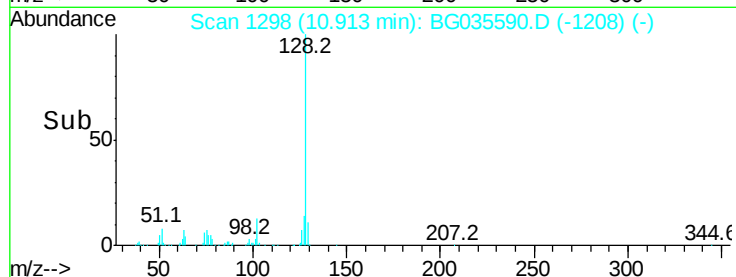
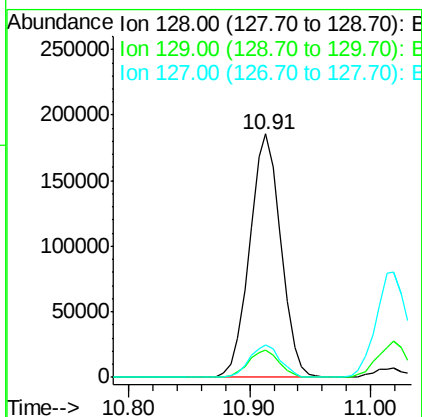
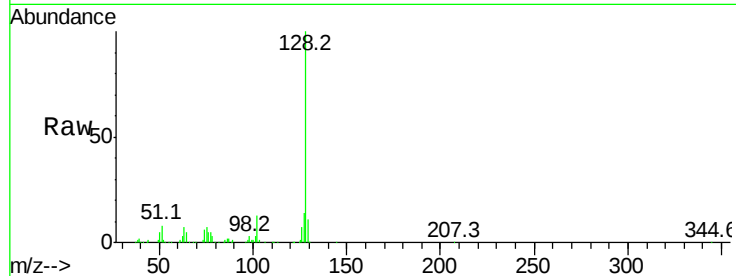




#31
Naphthalene
Concen: 38.022 ng
RT: 10.91 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

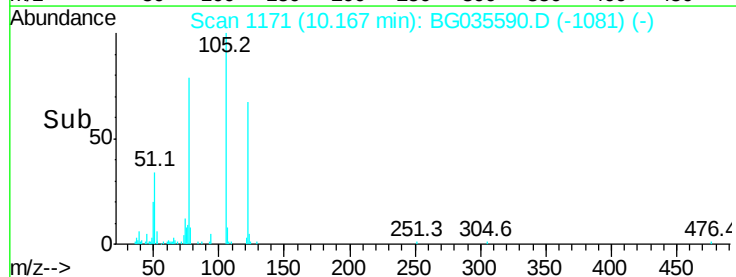
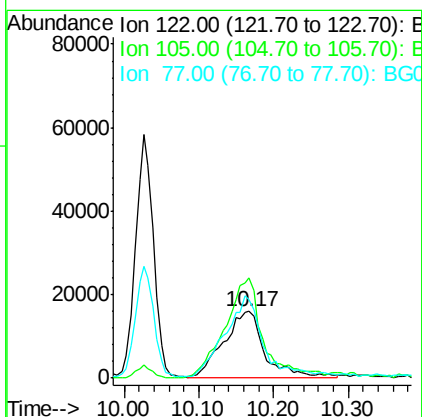
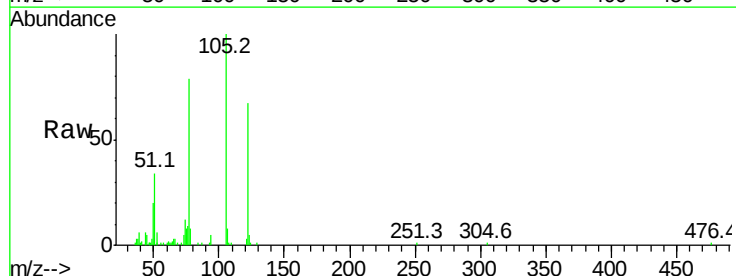
Instrument :
BNA_G
ClientSampleId :

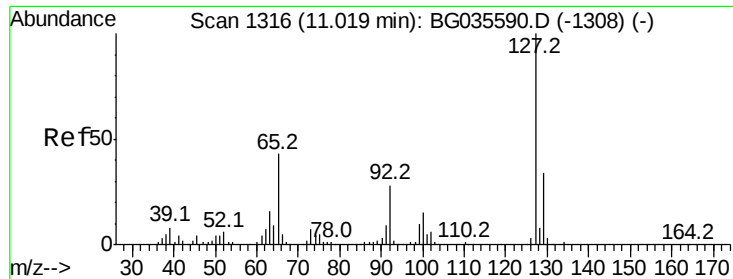
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.5	11.6	17.4



#32
Benzoic acid
Concen: 33.667 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	150.4	123.5	163.5
77	118.5	85.7	125.7

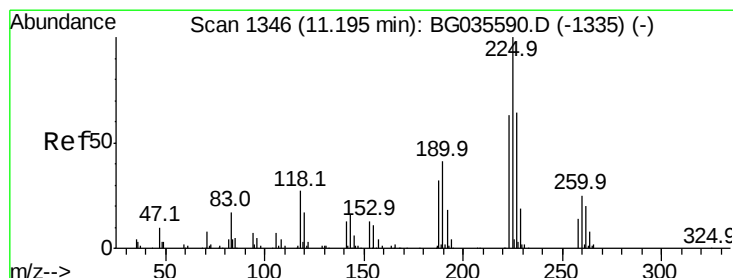
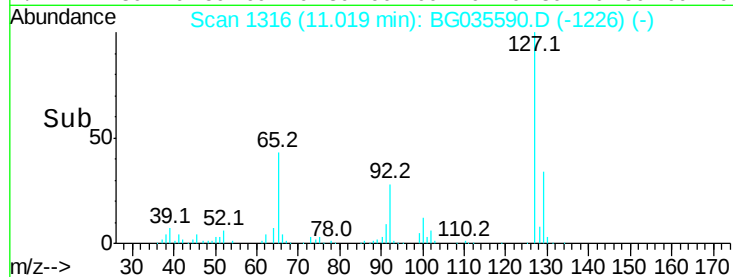
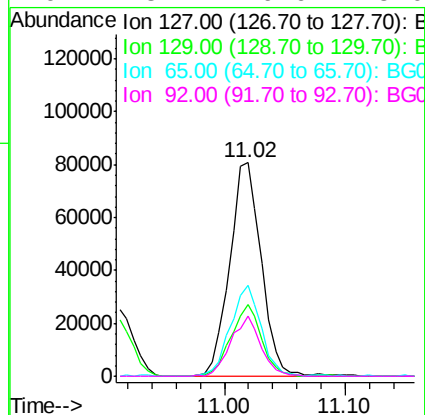
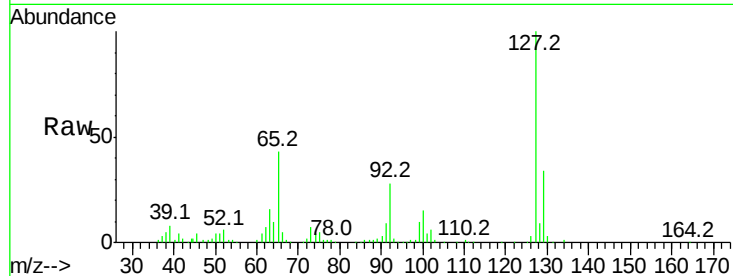




#33
4-Chloroaniline
Concen: 38.750 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

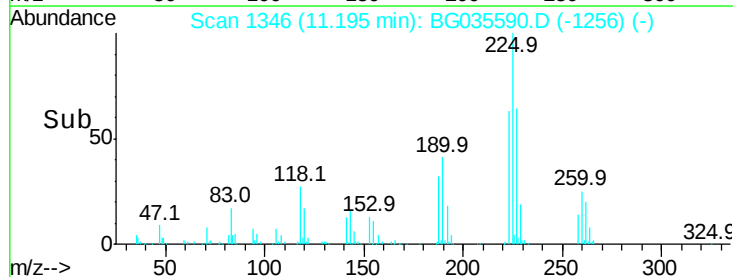
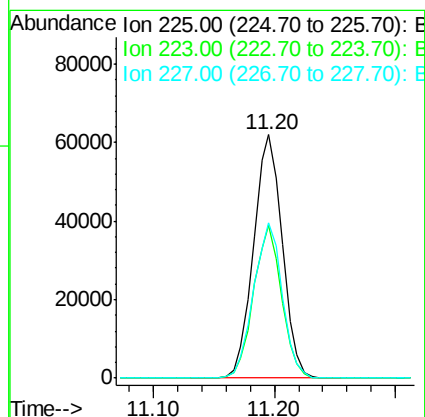
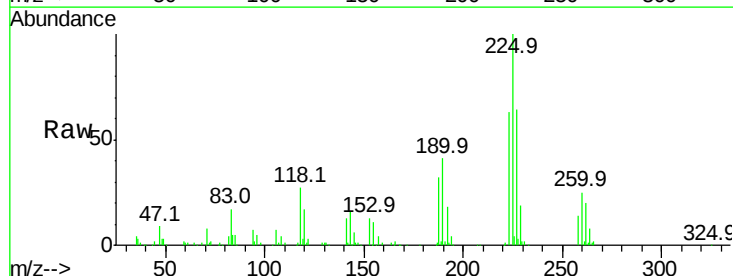
Instrument :
BNA_G
ClientSampleId :

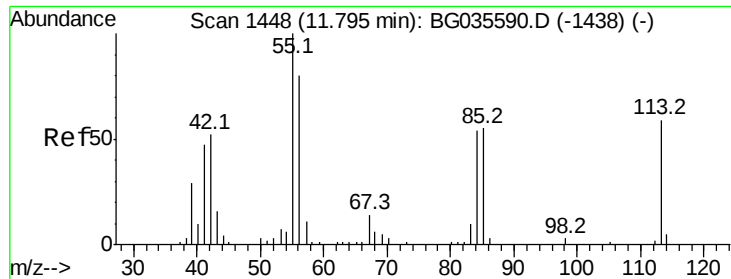
Tot Ion:	127	Resp:	147148
Ion	Ratio	Lower	Upper
127	100		
129	33.8	24.0	36.0
65	42.8	27.0	40.4#
92	28.1	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 38.559 ng
RT: 11.20 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Tgt Ion:	225	Resp:	102806
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	63.7	48.1	72.1

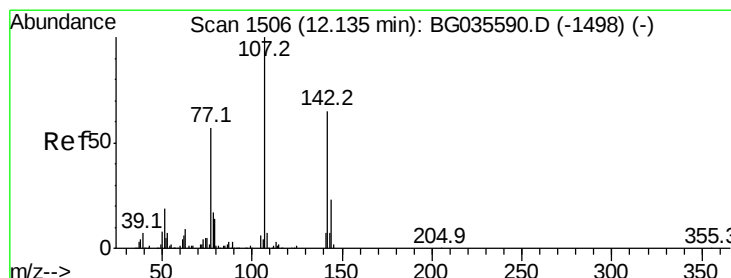
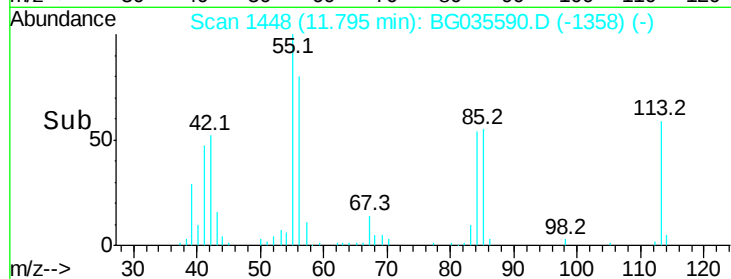
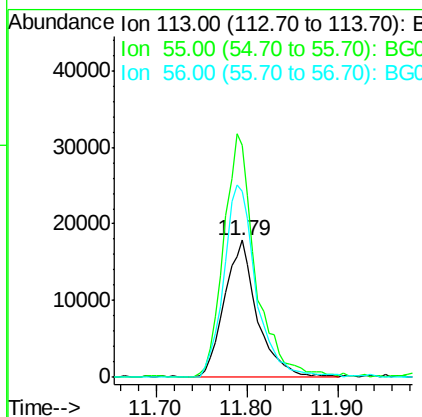
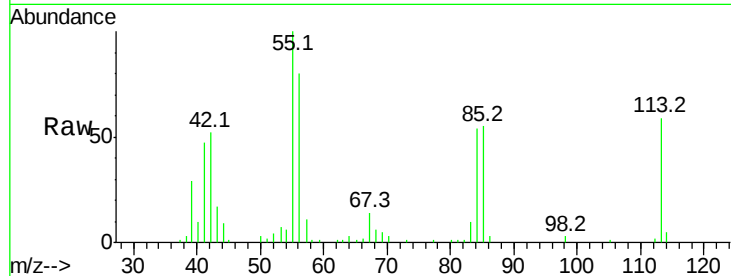




#35
 Caprolactam
 Concen: 42.626 ng
 RT: 11.79 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

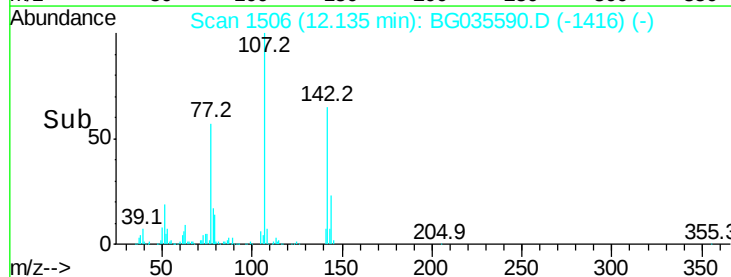
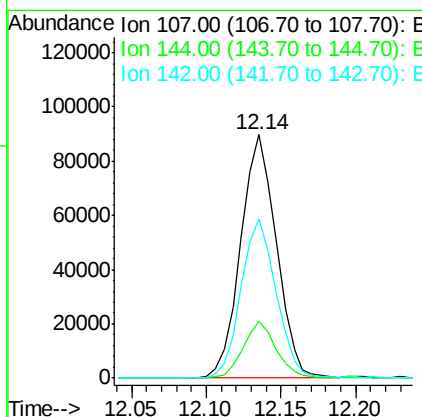
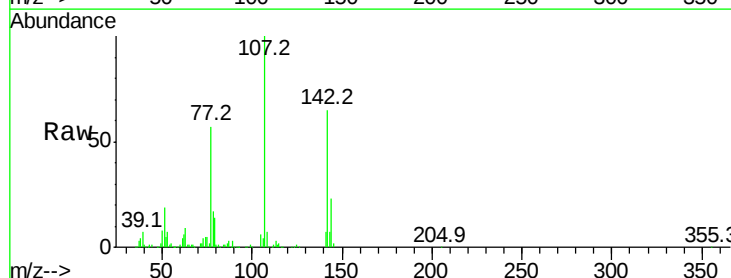
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 45040
 Ion Ratio Lower Upper
 113 100
 55 170.1 186.9 226.9#
 56 136.4 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.746 ng
 RT: 12.14 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

Tgt Ion:107 Resp: 148779
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.2 27.4
 142 65.2 59.0 88.4

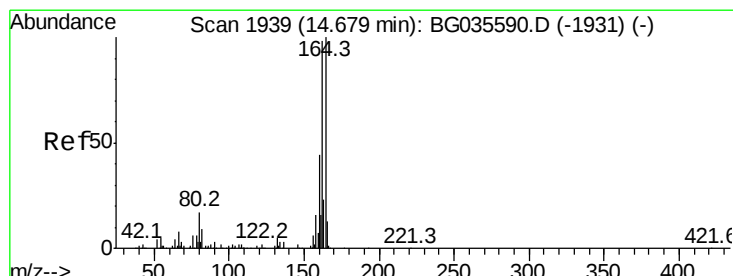
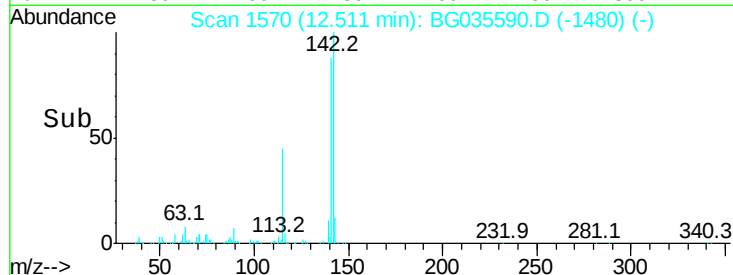
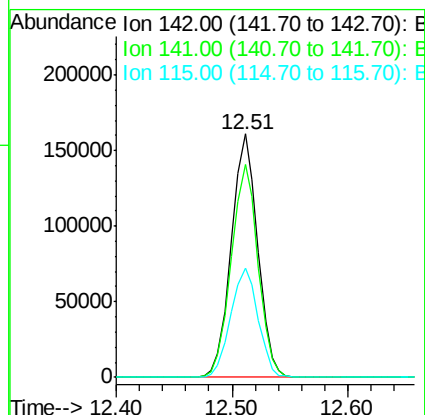
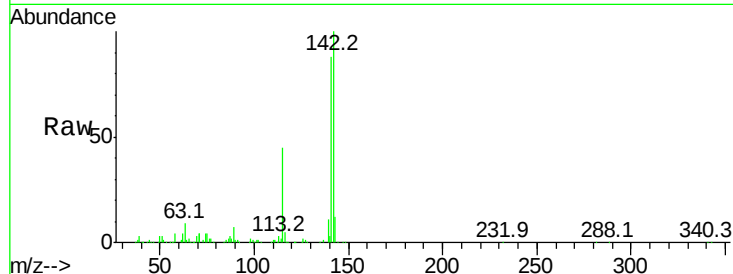




#37
2-Methylnaphthalene
Concen: 38.451 ng
RT: 12.51 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

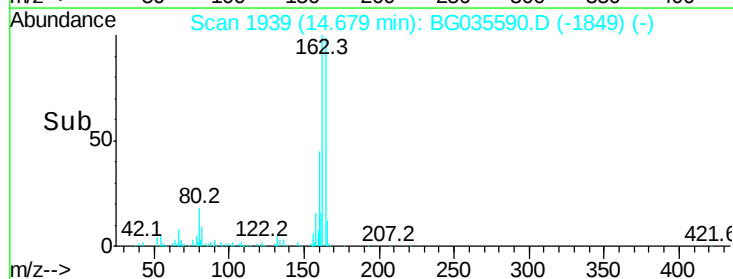
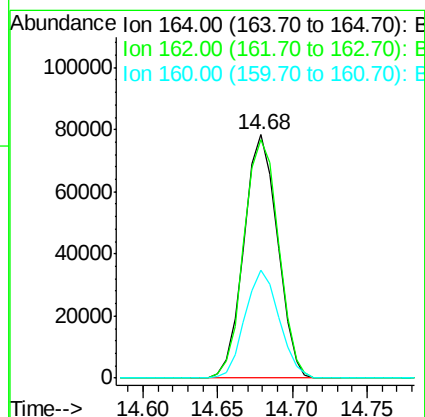
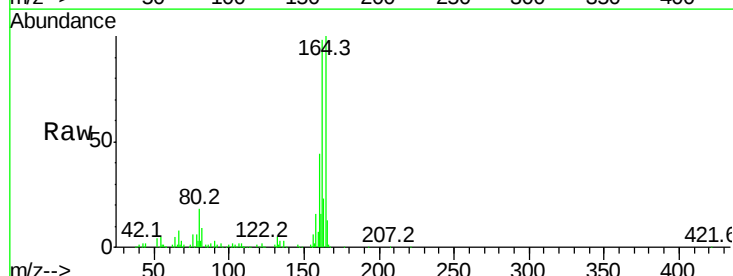
Instrument :
BNA_G
ClientSampleId :

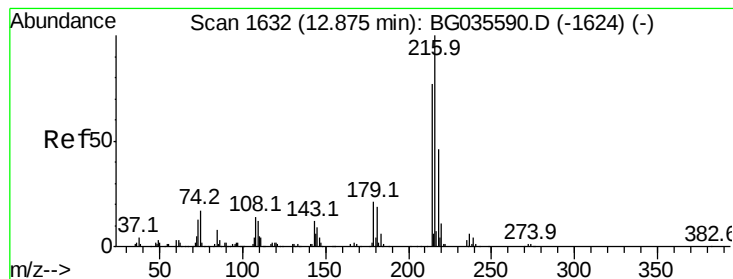
Tot Ion:142 Resp: 254947
Ion Ratio Lower Upper
142 100
141 87.6 67.1 100.7
115 44.9 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Tgt Ion:164 Resp: 122473
Ion Ratio Lower Upper
164 100
162 98.0 78.8 118.2
160 44.4 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.799 ng

RT: 12.88 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 172434

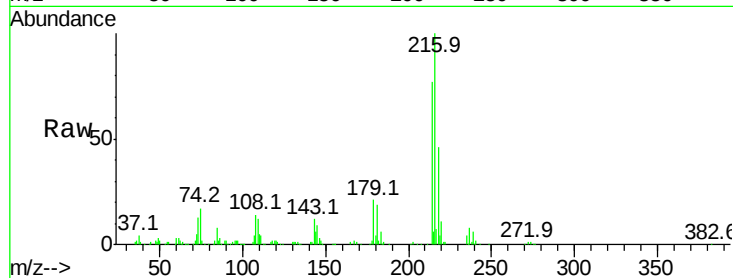
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.4
179	20.8	17.0	25.6
108	15.8	12.8	19.2

216 100

214 80.2 63.0 94.4

179 20.8 17.0 25.6

108 15.8 12.8 19.2

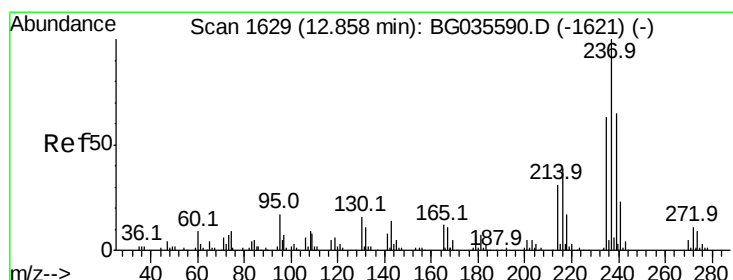
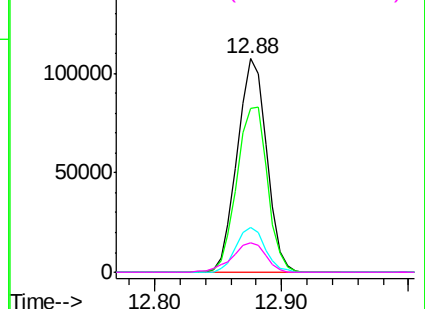
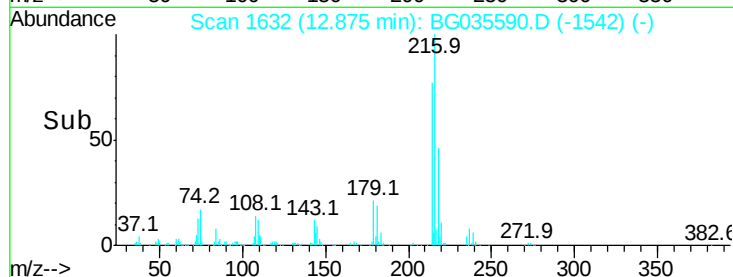


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.920 ng

RT: 12.86 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

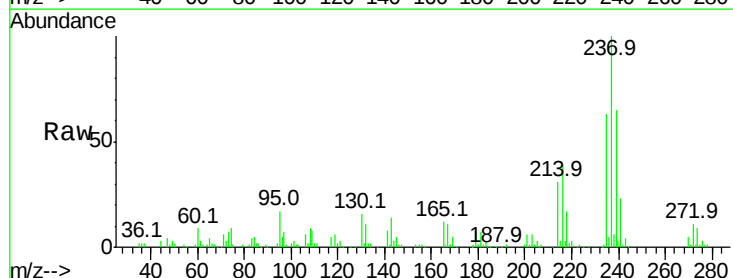
Tgt Ion:237 Resp: 94176

Ion	Ratio	Lower	Upper
237	100		
235	62.5	50.4	90.4
272	11.4	0.0	31.8

237 100

235 62.5 50.4 90.4

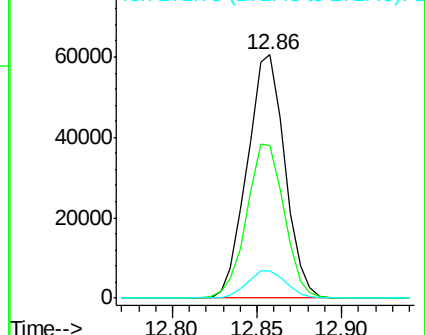
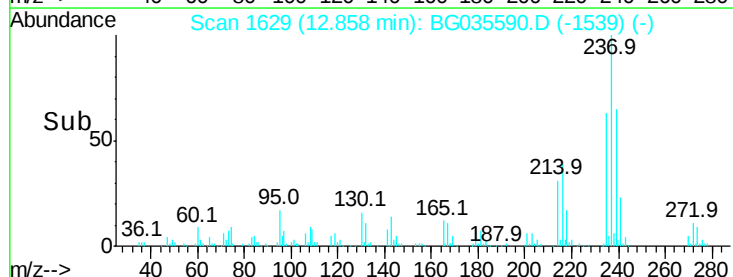
272 11.4 0.0 31.8



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: 78.805 ng

RT: 16.17 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

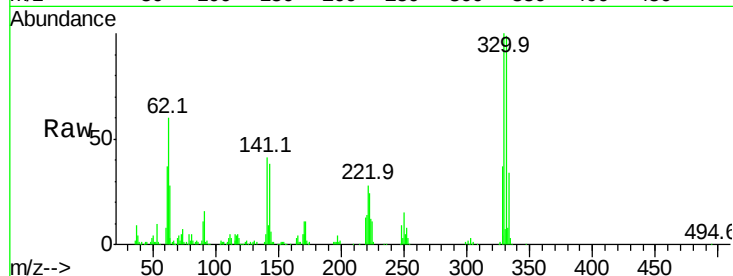
Tot Ion:330 Resp: 123551

Ion Ratio Lower Upper

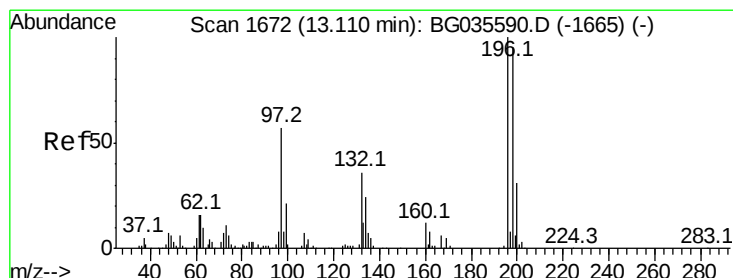
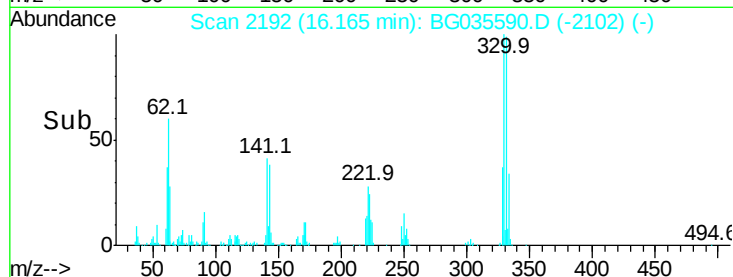
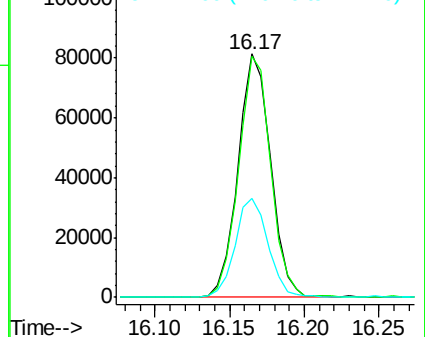
330 100

332 97.5 77.0 115.6

141 41.3 25.2 37.8#



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



#42

2,4,6-Trichlorophenol

Concen: 39.600 ng

RT: 13.11 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

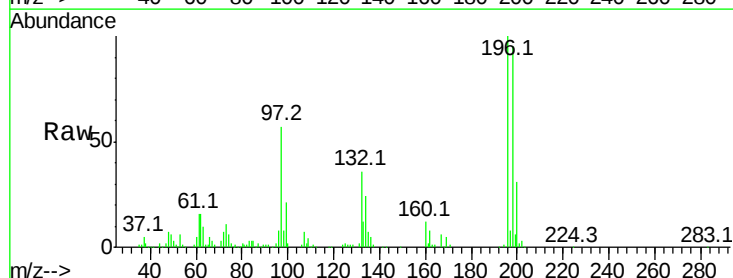
Tgt Ion:196 Resp: 108169

Ion Ratio Lower Upper

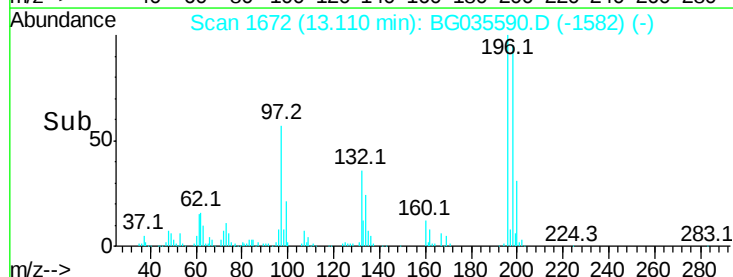
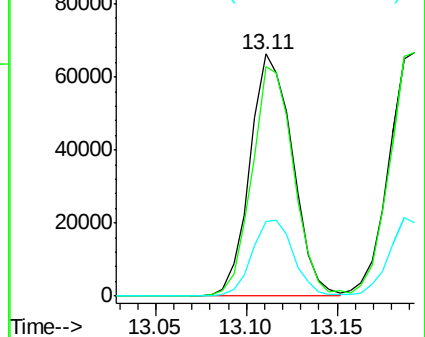
196 100

198 94.8 78.2 117.2

200 31.0 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

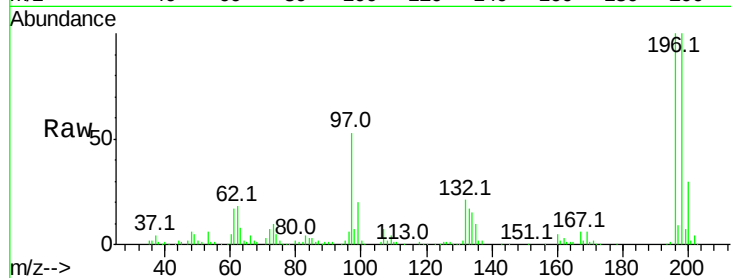




#43
 2,4,5-Trichlorophenol
 Concen: 37.510 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.1	76.2	114.4
97	53.1	38.7	58.1
132	21.4	20.2	30.2



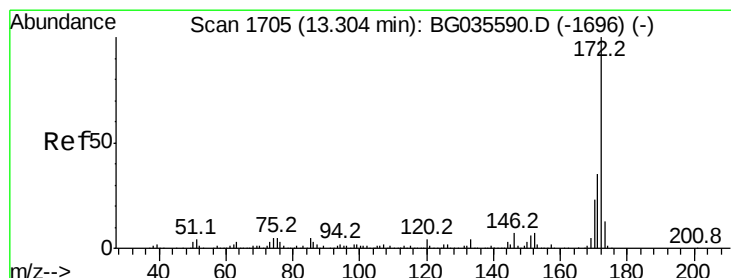
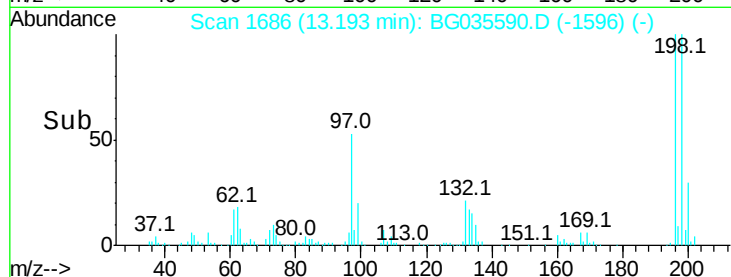
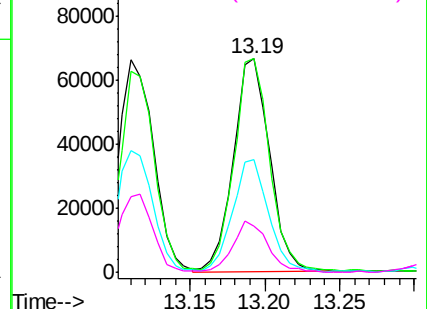
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

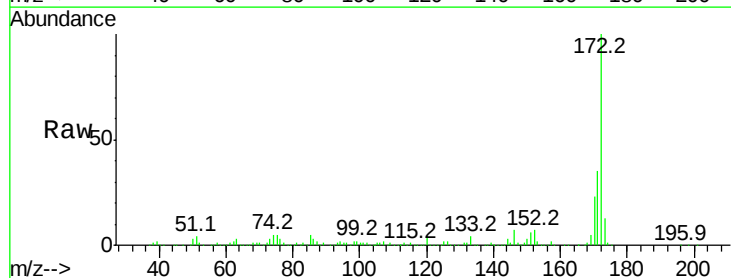
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.524 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.2	19.5	29.3

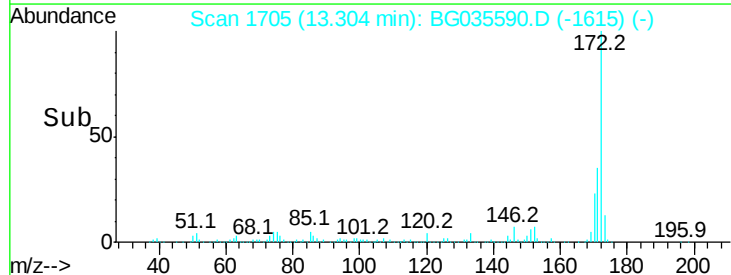
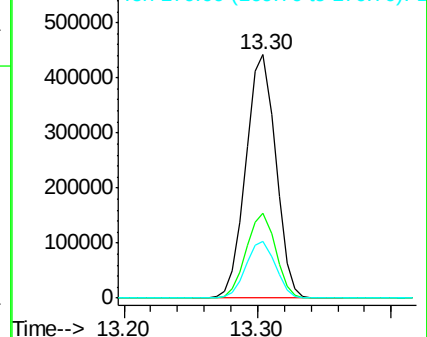


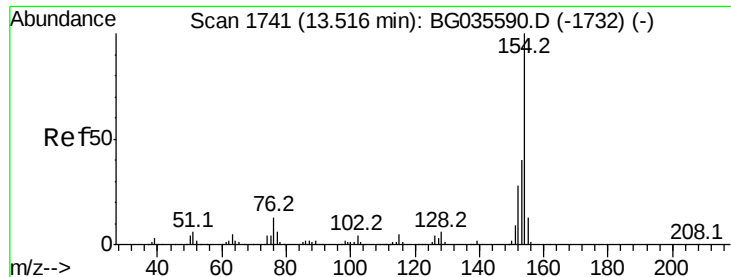
Abundance

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

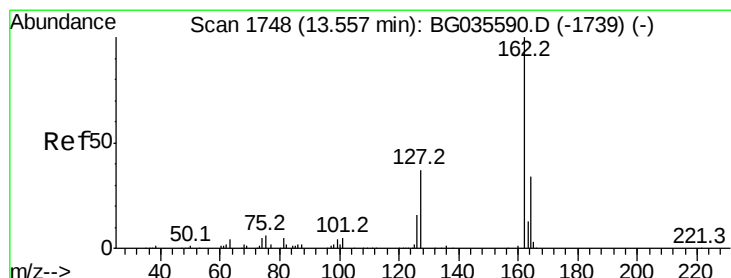
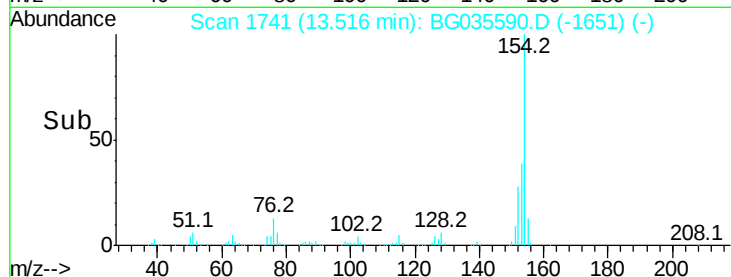
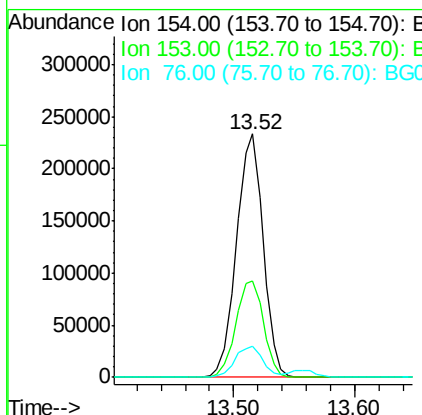
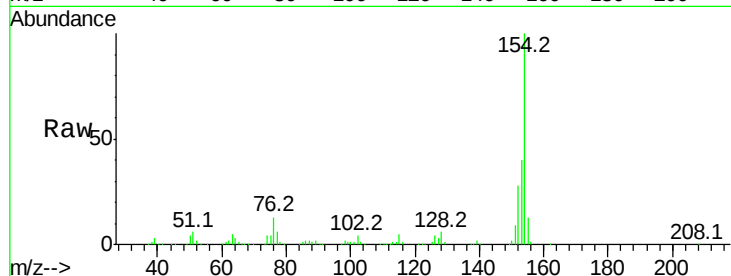




#45
 1,1'-Biphenyl
 Concen: 36.572 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

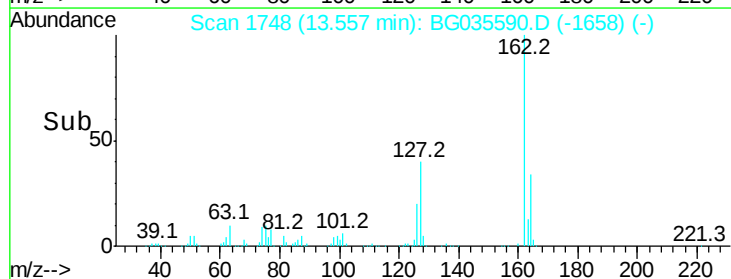
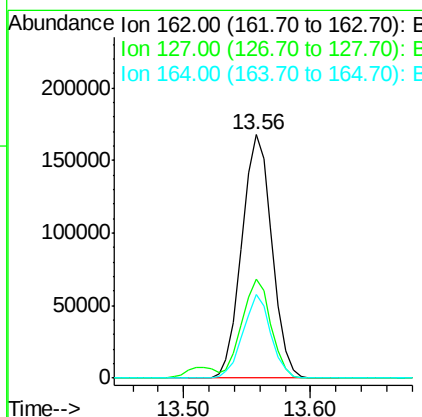
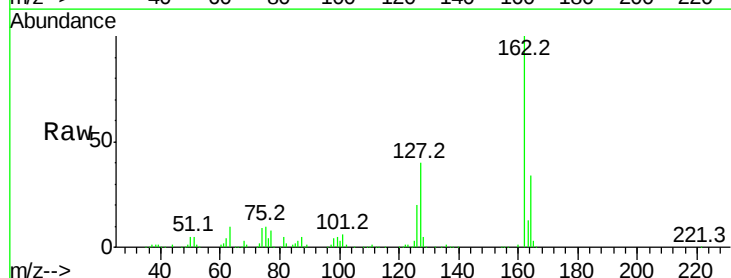
Instrument :
 BNA_G
 ClientSampleId :

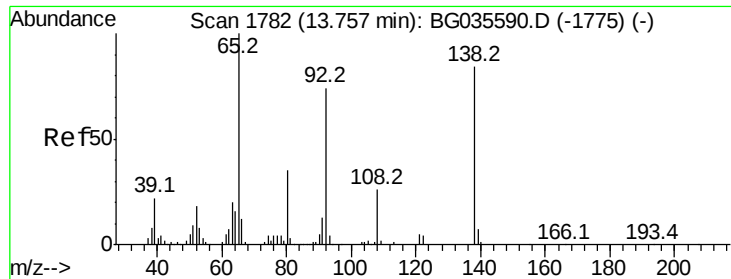
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.8	59.8
76	12.6	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 37.004 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	30.7	46.1
164	34.4	26.0	39.0

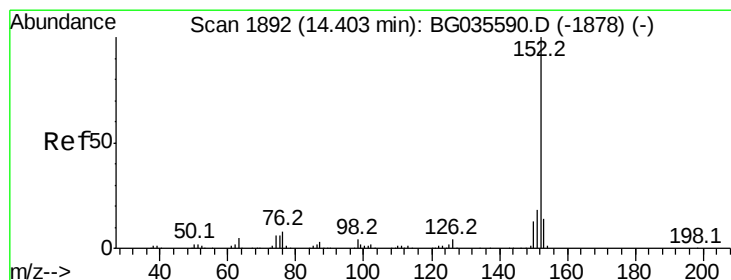
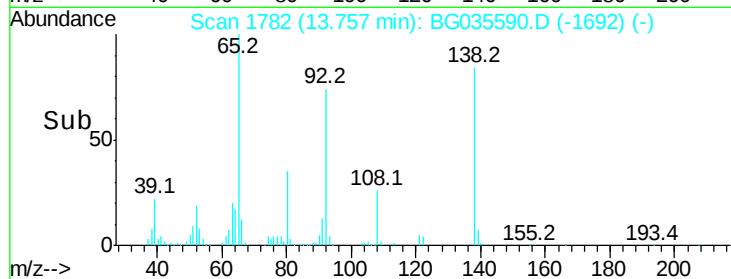
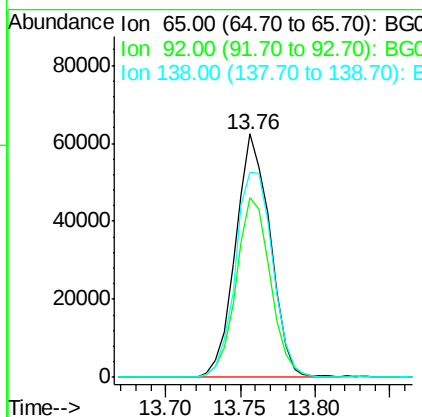
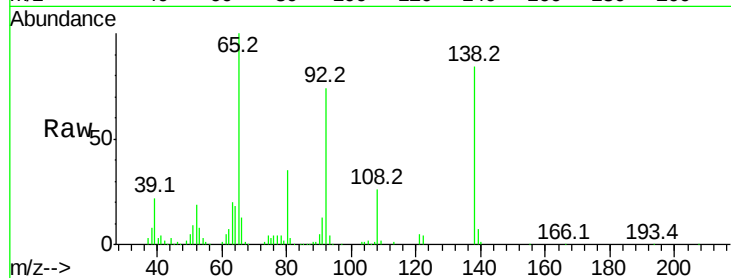




#47
2-Nitroaniline
Concen: 45.886 ng
RT: 13.76 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

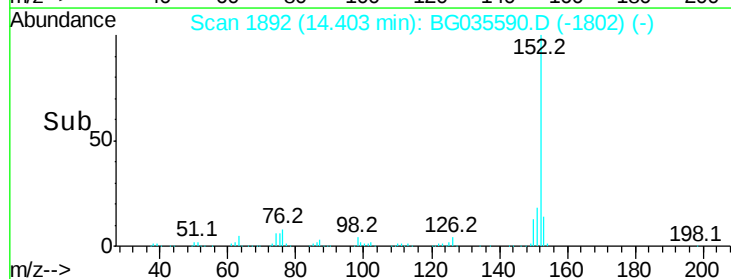
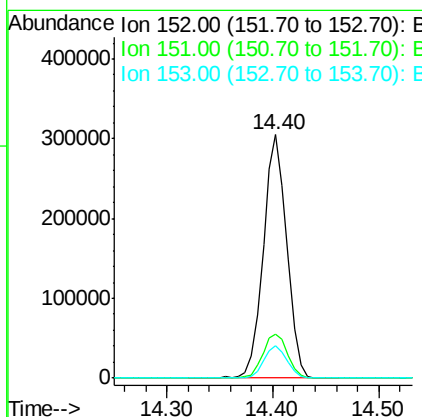
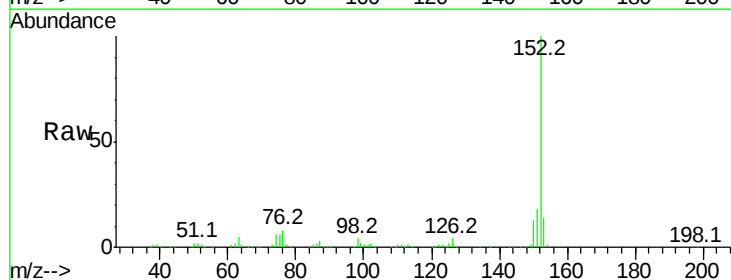
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 100888
Ion Ratio Lower Upper
65 100
92 73.7 54.6 82.0
138 84.2 72.9 109.3



#48
Acenaphthylene
Concen: 37.447 ng
RT: 14.40 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Tgt Ion: 152 Resp: 467529
Ion Ratio Lower Upper
152 100
151 18.3 17.2 25.8
153 13.5 10.2 15.4

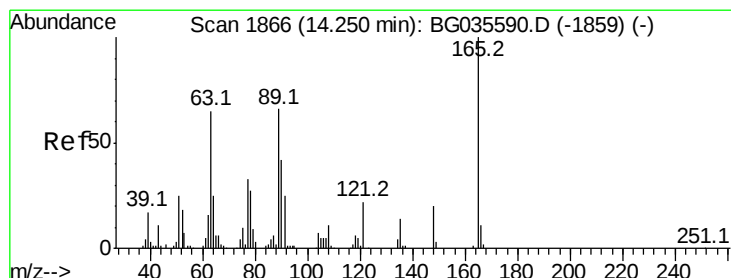
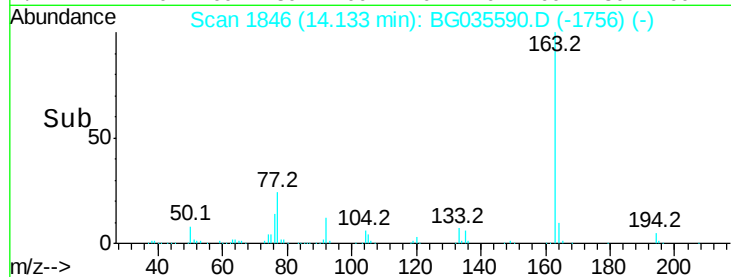
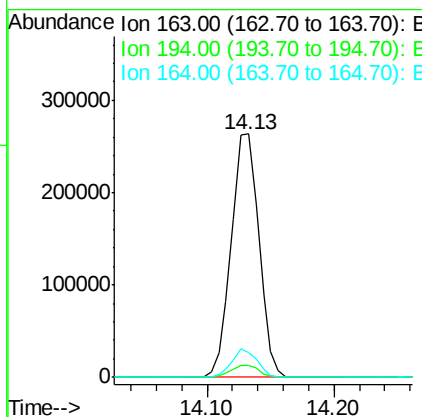
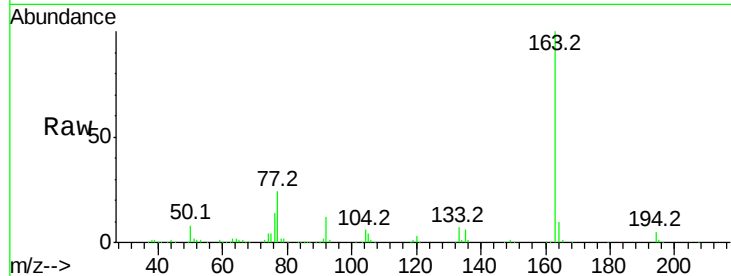




#49
 Dimethylphthalate
 Concen: 37.206 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

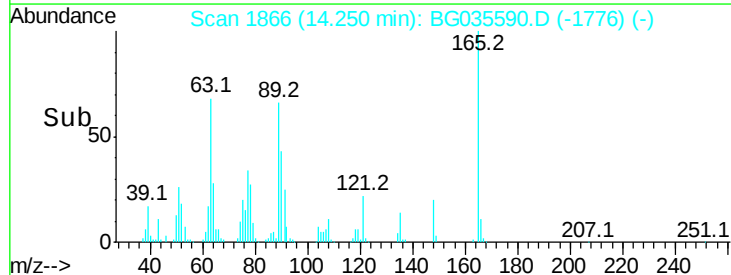
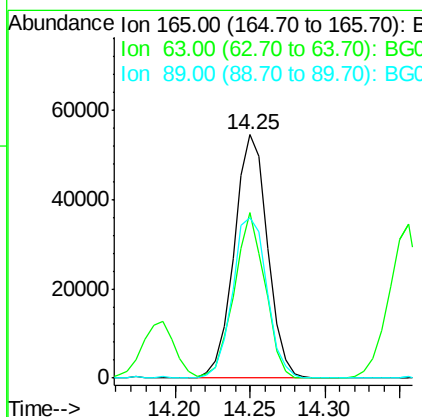
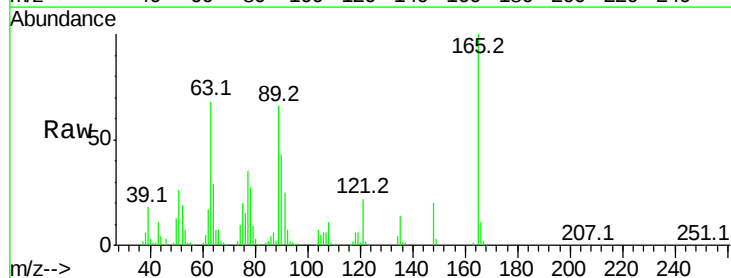
Instrument :
 BNA_G
 ClientSampleId :

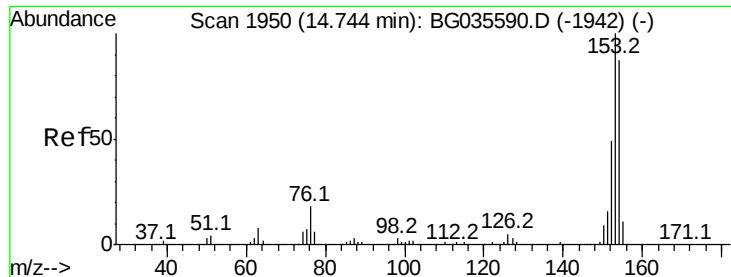
Tot Ion:	163	Resp:	397362
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	9.9	8.2	12.4



#50
 2,6-Dinitrotoluene
 Concen: 43.438 ng
 RT: 14.25 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

Tgt Ion:	165	Resp:	84634
Ion	Ratio	Lower	Upper
165	100		
63	67.7	52.7	79.1
89	66.0	49.2	73.8





#51

Acenaphthene

Concen: 35.163 ng

RT: 14.74 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampled :

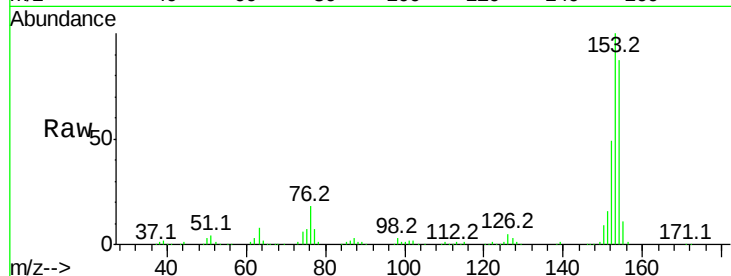
Tot Ion:154 Resp: 286838

Ion Ratio Lower Upper

154 100

153 115.3 90.4 135.6

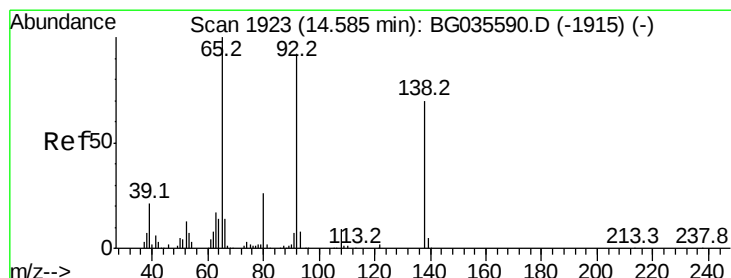
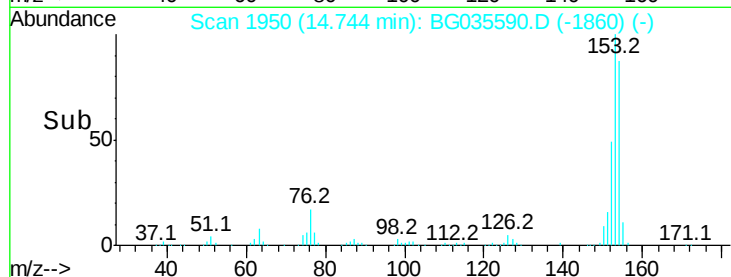
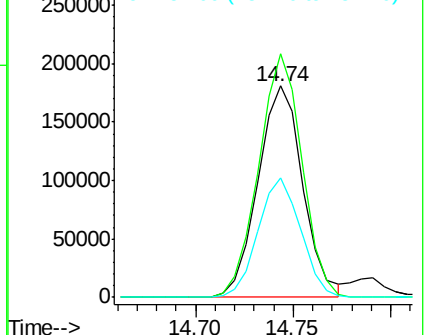
152 56.8 41.6 62.4



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: 45.848 ng

RT: 14.58 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

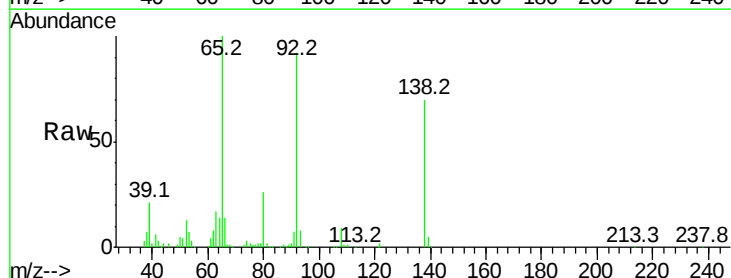
Tgt Ion:138 Resp: 87656

Ion Ratio Lower Upper

138 100

108 12.3 17.5 26.3#

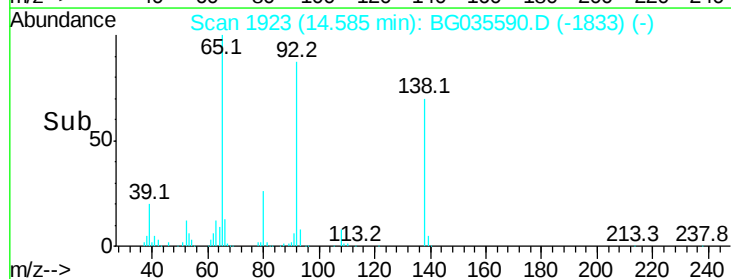
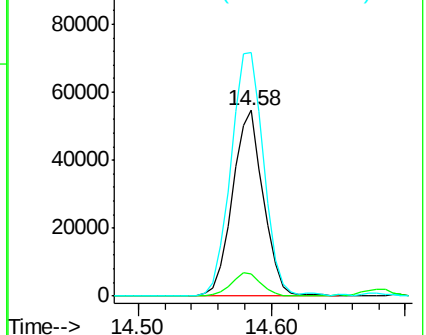
92 131.3 105.8 158.8

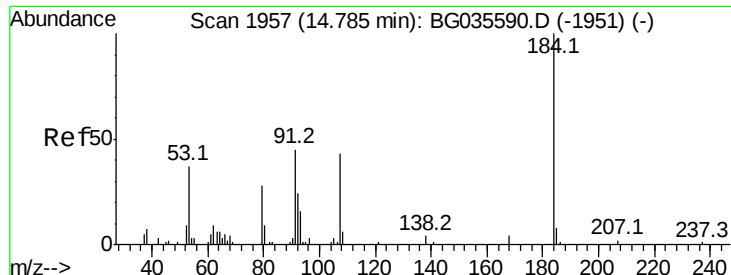


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 46.979 ng

RT: 14.78 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampled :

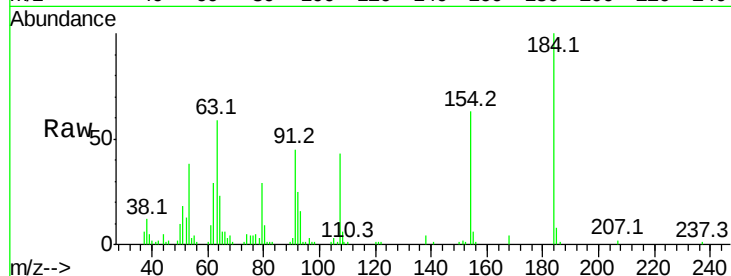
Tot Ion:184 Resp: 37044

Ion Ratio Lower Upper

184 100

63 58.7 59.8 89.8#

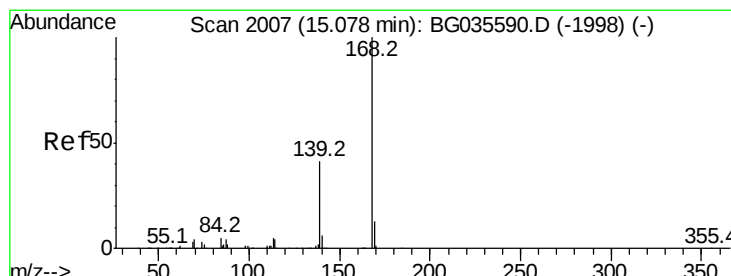
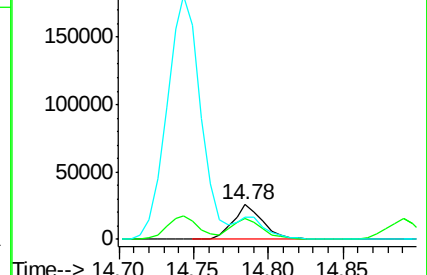
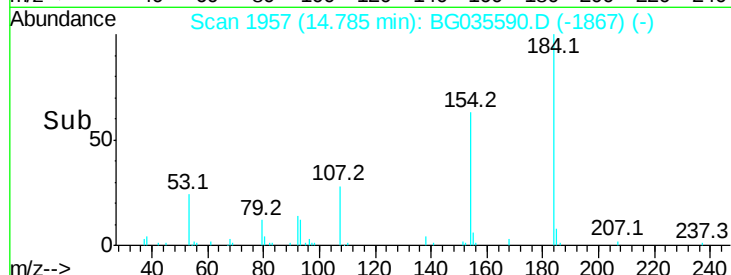
154 62.9 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 37.797 ng

RT: 15.08 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

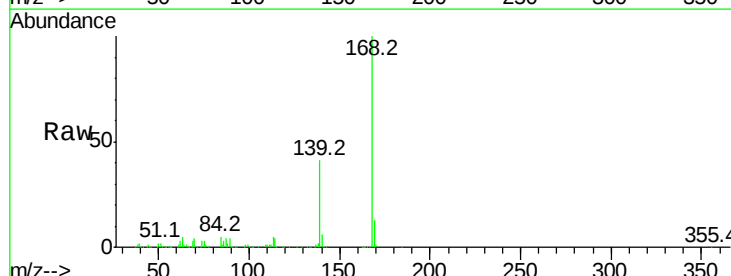
Tgt Ion:168 Resp: 461770

Ion Ratio Lower Upper

168 100

139 40.6 28.6 43.0

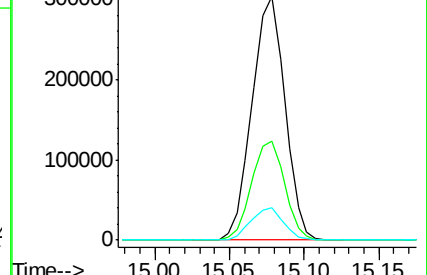
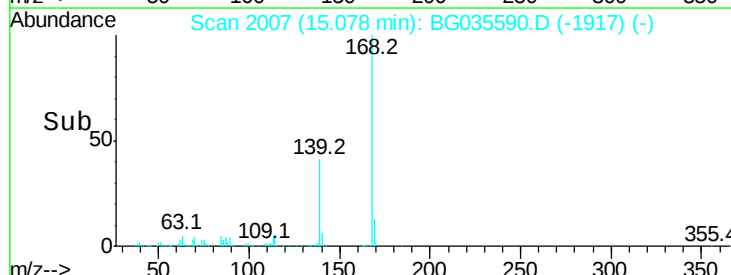
169 13.5 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

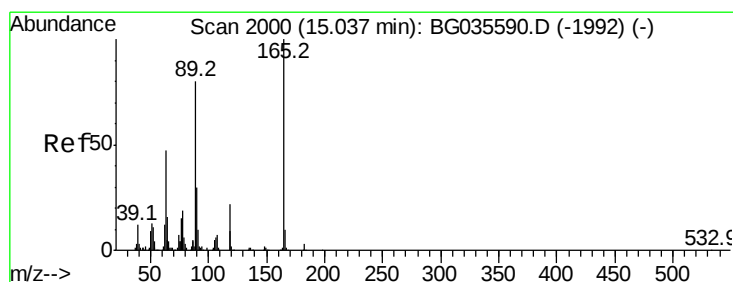
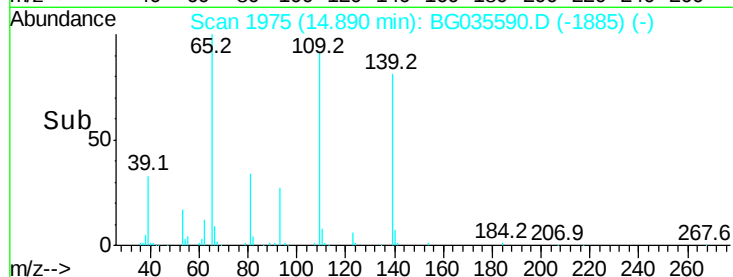
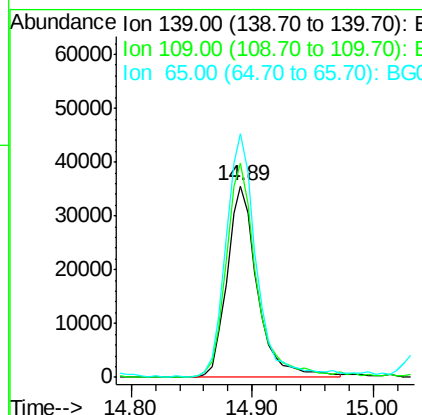
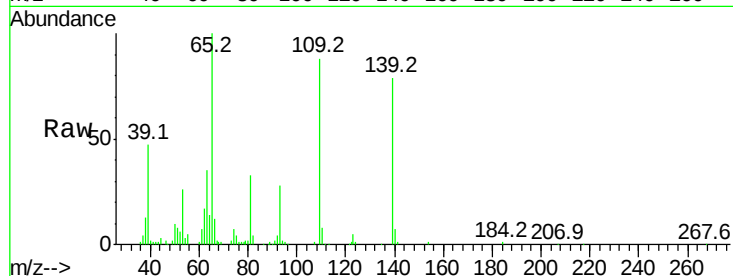




#55
4-Nitrophenol
Concen: 38.449 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

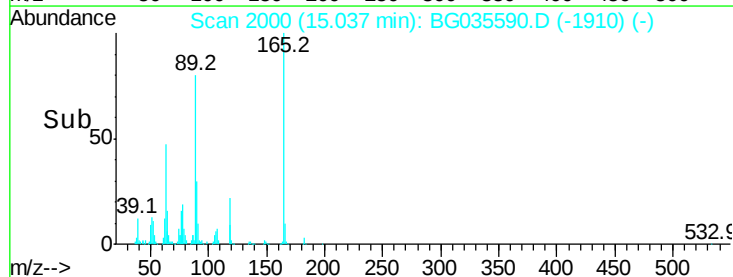
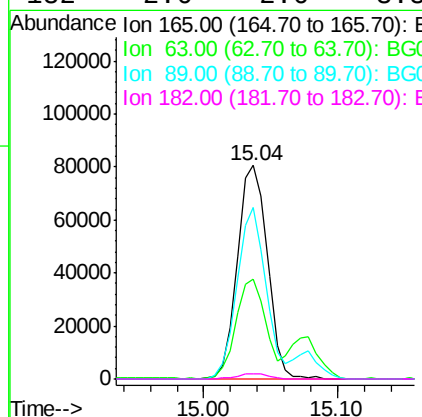
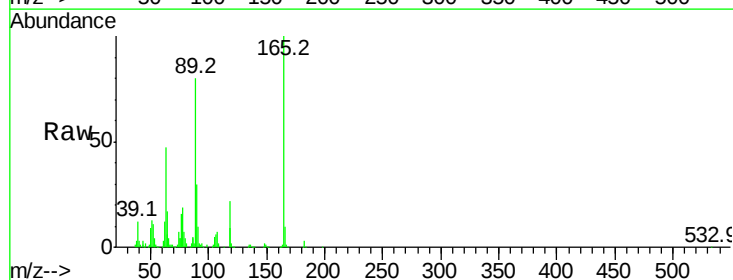
Instrument :
BNA_G
ClientSampleId :

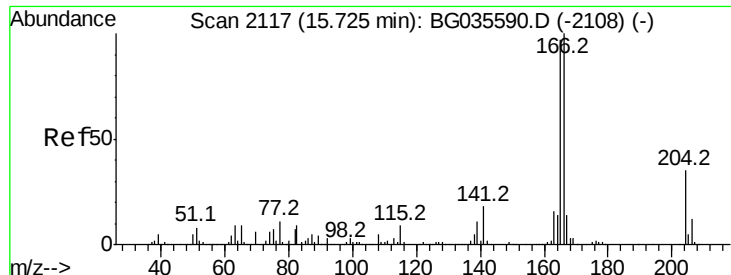
Tot Ion:139 Resp: 62040
Ion Ratio Lower Upper
139 100
109 111.4 62.2 102.2#
65 127.0 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 48.459 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Tgt Ion:165 Resp: 125422
Ion Ratio Lower Upper
165 100
63 47.0 42.0 63.0
89 80.1 66.9 100.3
182 2.6 2.6 3.8

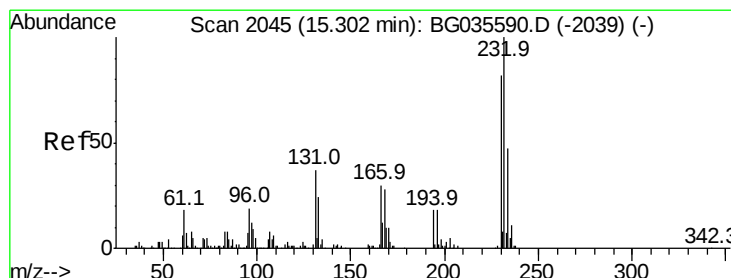
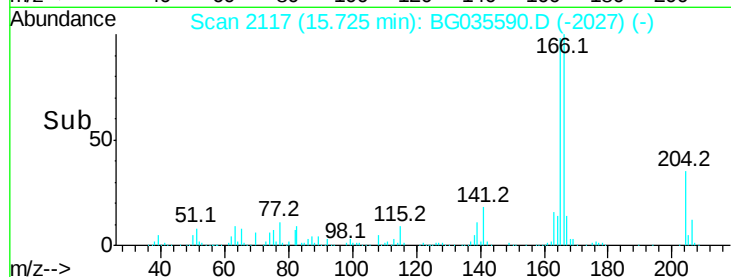
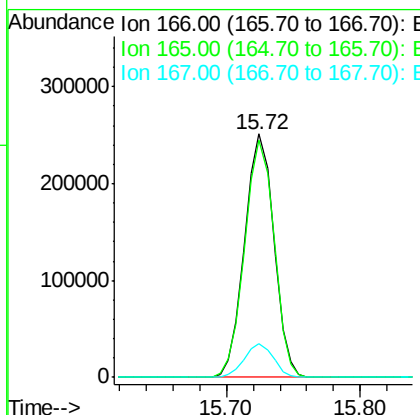
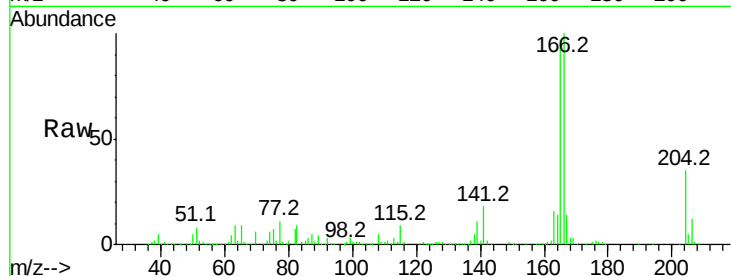




#57
 Fluorene
 Concen: 37.305 ng
 RT: 15.72 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

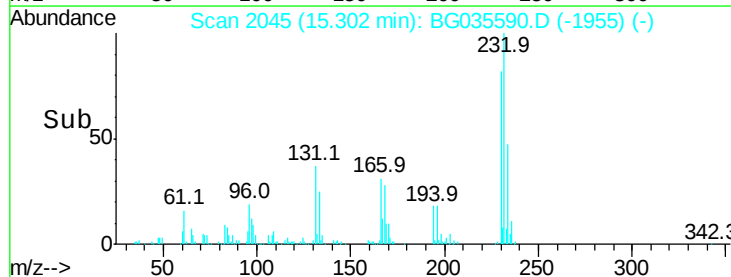
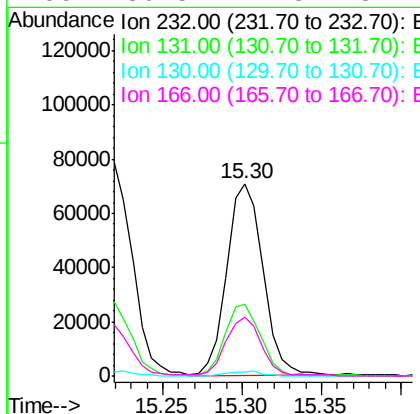
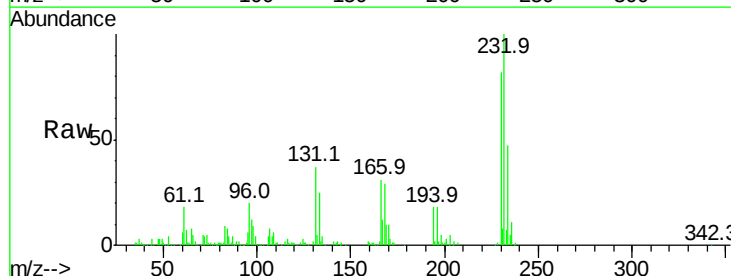
Instrument :
 BNA_G
 ClientSampleId :

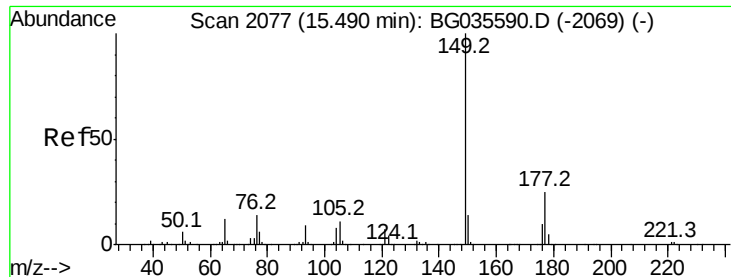
Tot Ion:166 Resp: 380893
 Ion Ratio Lower Upper
 166 100
 165 97.3 80.6 121.0
 167 13.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.309 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

Tgt Ion:232 Resp: 111576
 Ion Ratio Lower Upper
 232 100
 131 36.9 33.5 50.3
 130 2.3 2.2 3.2
 166 30.5 24.8 37.2

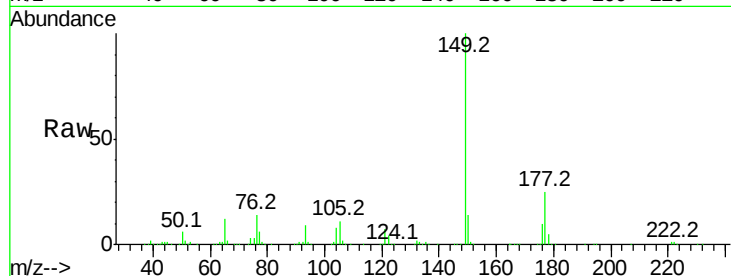




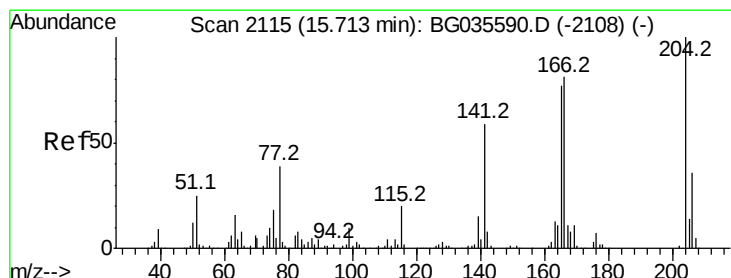
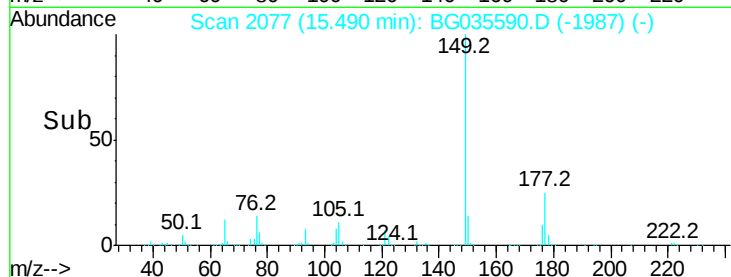
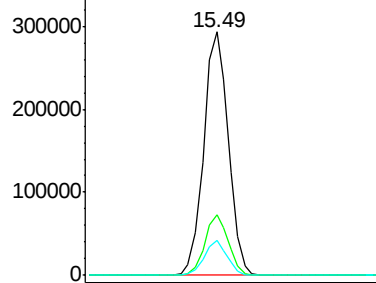
#59
Diethylphthalate
Concen: 38.025 ng
RT: 15.49 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.5	27.7
150	14.3	10.2	15.2

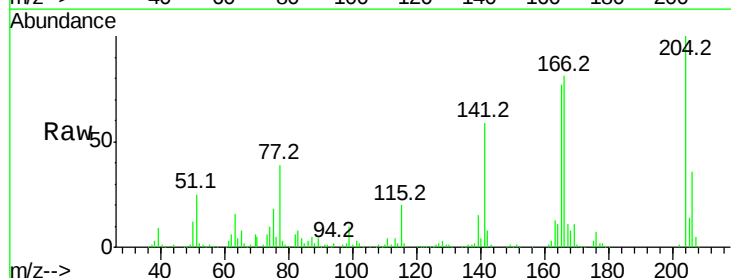


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

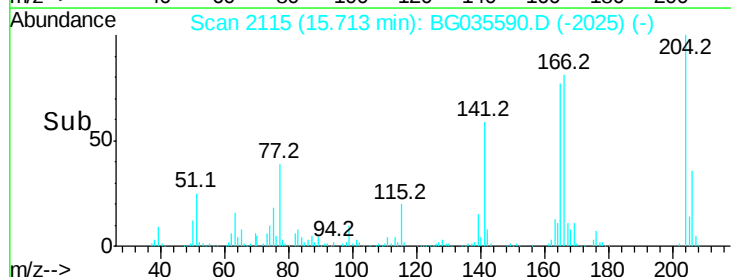
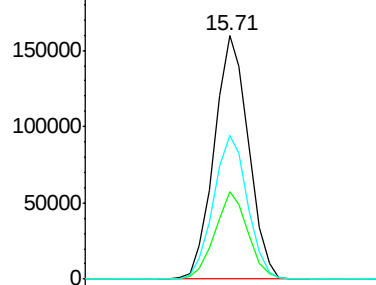


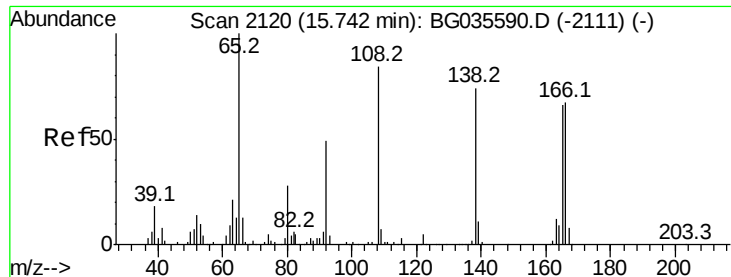
#60
4-Chlorophenyl-phenylether
Concen: 38.493 ng
RT: 15.71 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.1	26.2	39.2
141	59.1	45.8	68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

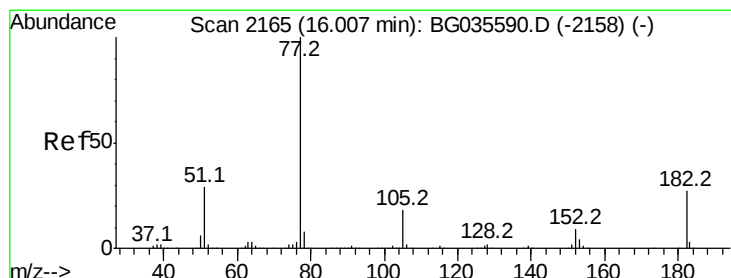
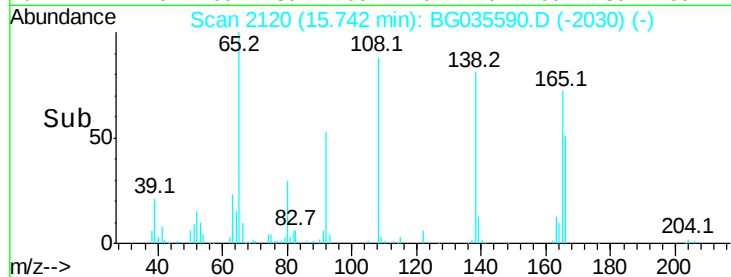
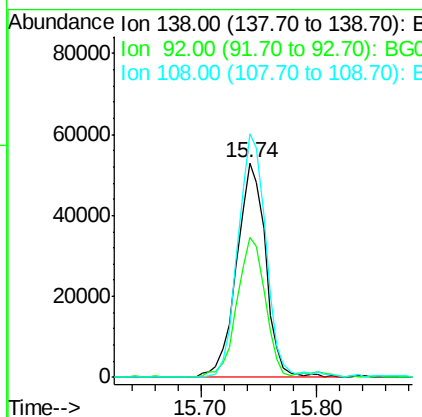
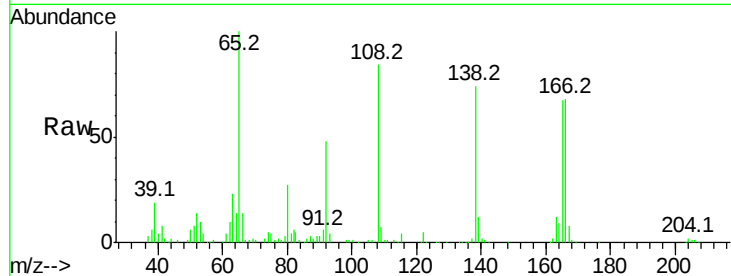




#61
4-Nitroaniline
Concen: 44.934 ng
RT: 15.74 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

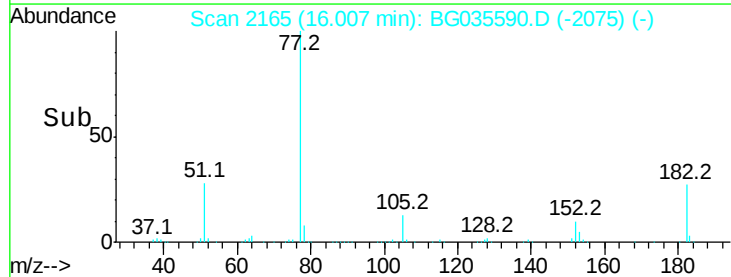
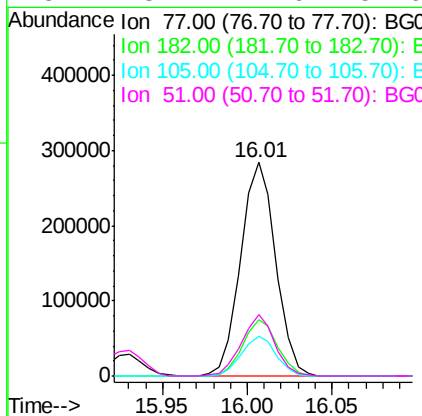
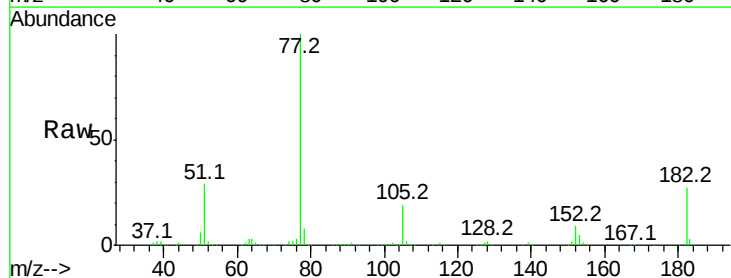
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 92132
Ion Ratio Lower Upper
138 100
92 65.5 40.1 80.1
108 113.6 65.4 105.4#



#62
Azobenzene
Concen: 38.226 ng
RT: 16.01 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Tgt Ion: 77 Resp: 408171
Ion Ratio Lower Upper
77 100
182 26.7 7.4 47.4
105 18.5 0.3 40.3
51 28.7 11.6 51.6

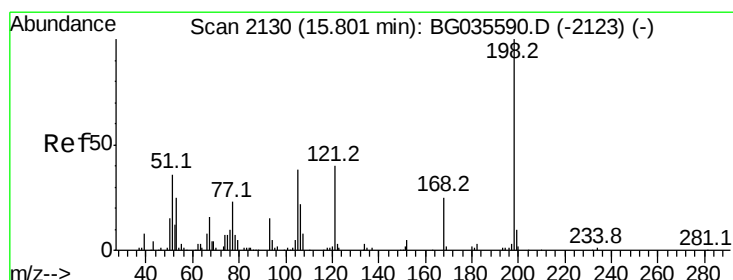
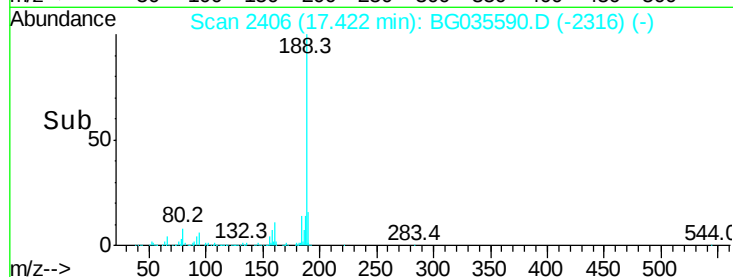
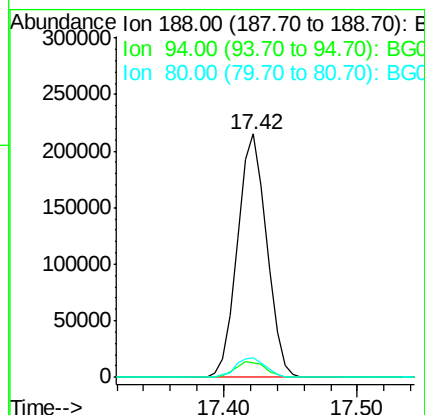
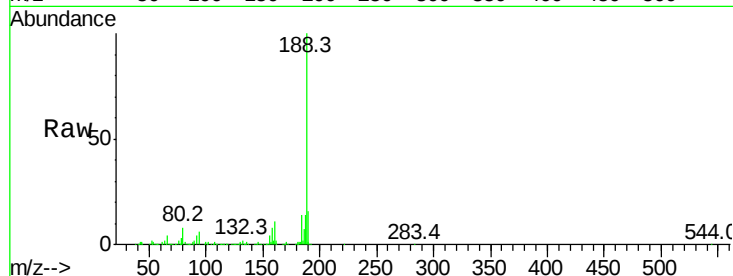




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

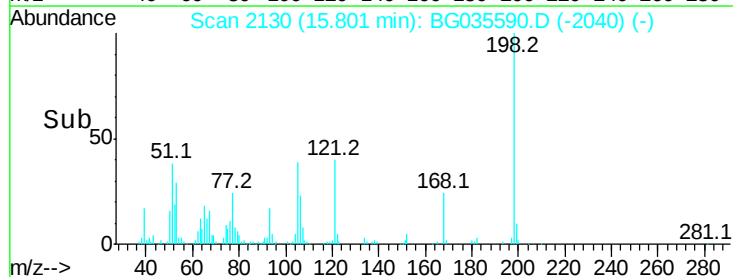
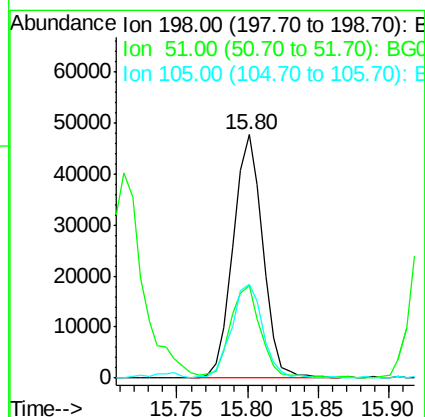
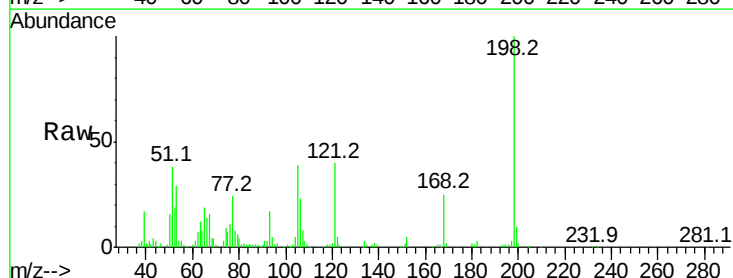
Instrument :
 BNA_G
 ClientSampleId :

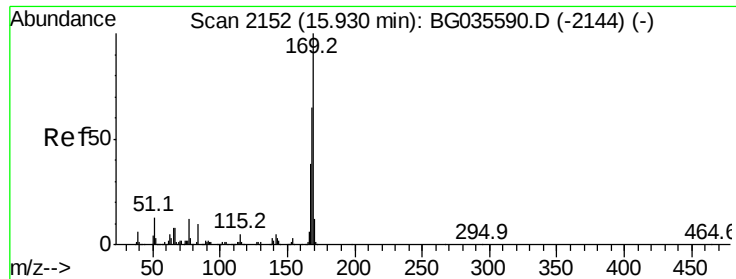
Tot Ion:188 Resp: 326711
 Ion Ratio Lower Upper
 188 100
 94 5.8 6.9 10.3#
 80 8.1 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.885 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

Tgt Ion:198 Resp: 69937
 Ion Ratio Lower Upper
 198 100
 51 38.0 30.6 70.6
 105 38.8 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 36.654 ng

RT: 15.93 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

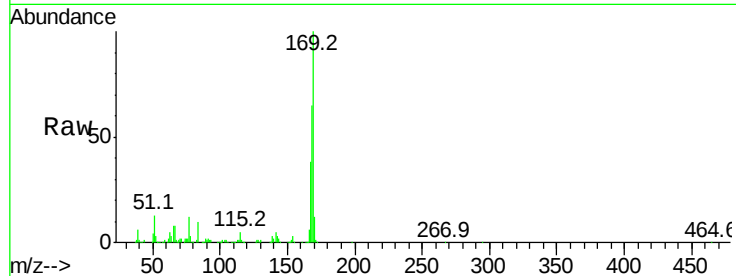
Tot Ion:169 Resp: 359631

Ion Ratio Lower Upper

169 100

168 64.7 55.7 83.5

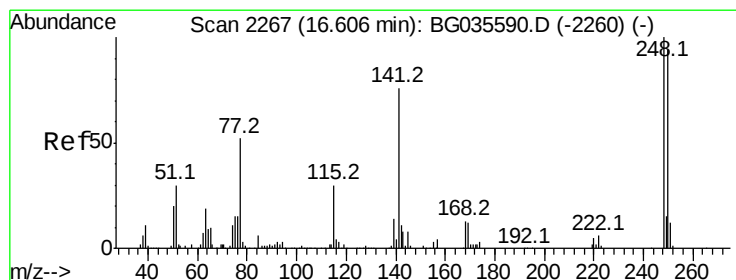
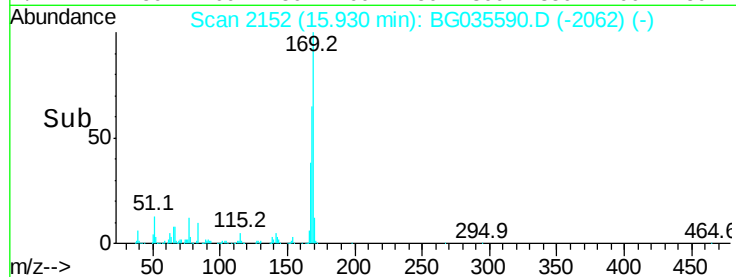
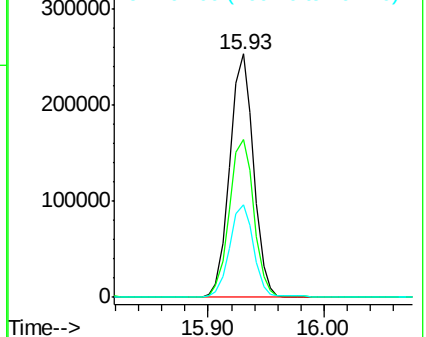
167 38.1 30.1 45.1



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: 37.648 ng

RT: 16.61 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

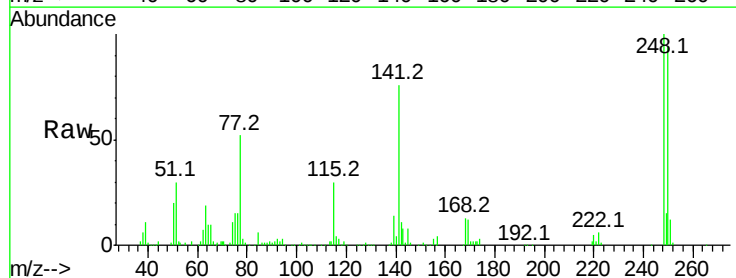
Tgt Ion:248 Resp: 148122

Ion Ratio Lower Upper

248 100

250 94.2 77.1 115.7

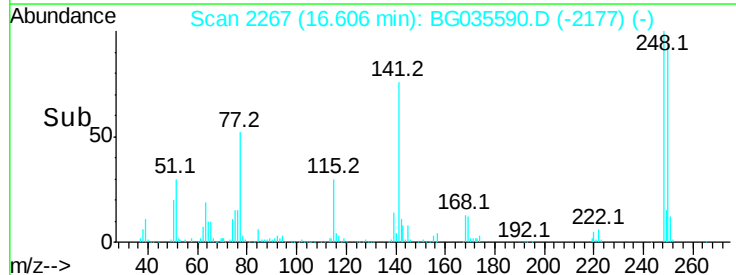
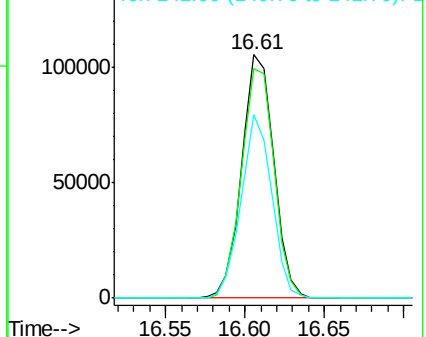
141 75.6 50.8 76.2



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: 37.402 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

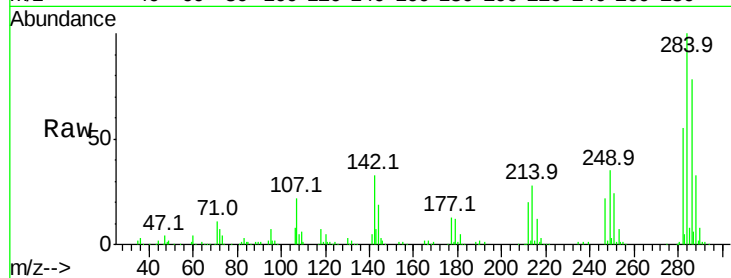
Tot Ion:284 Resp: 149779

Ion Ratio Lower Upper

284 100

142 32.5 26.8 40.2

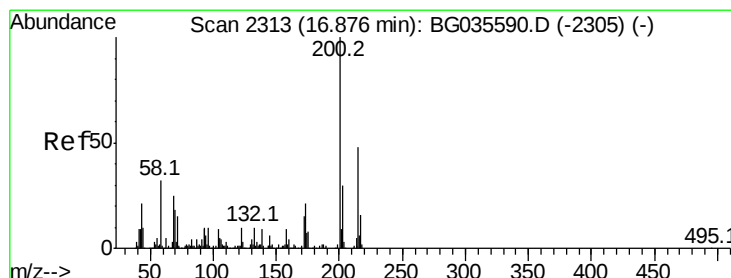
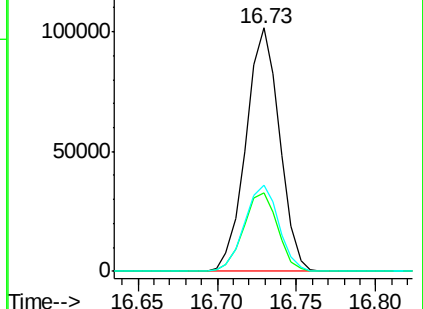
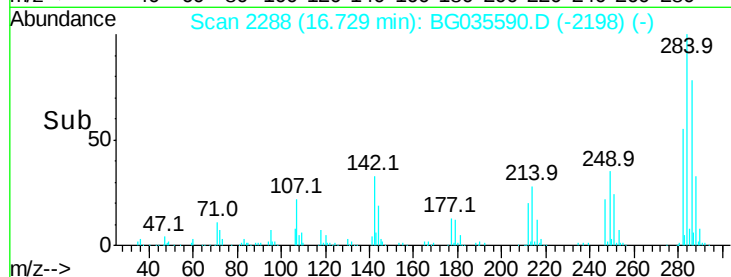
249 35.4 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.537 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

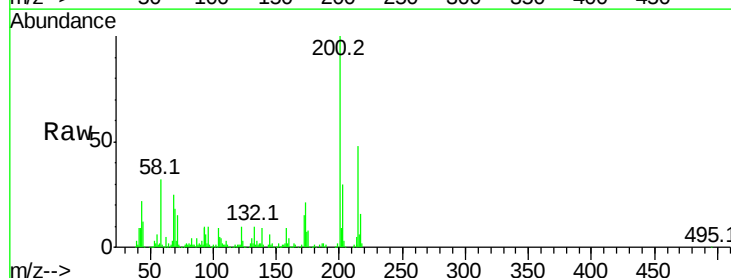
Tgt Ion:200 Resp: 152872

Ion Ratio Lower Upper

200 100

173 21.2 5.2 45.2

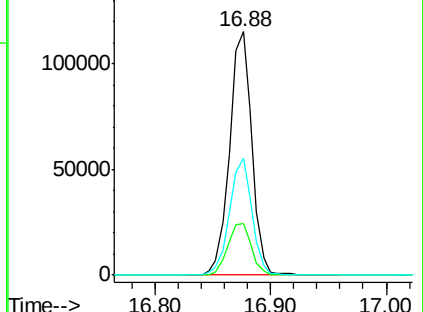
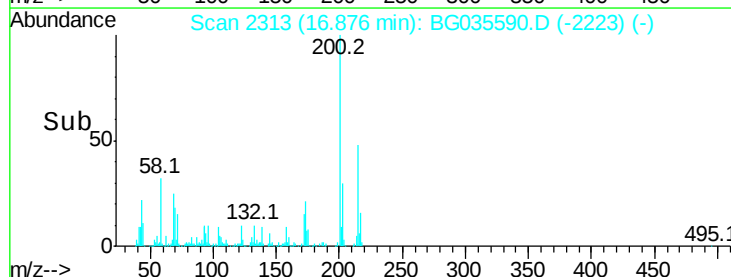
215 47.8 30.4 70.4

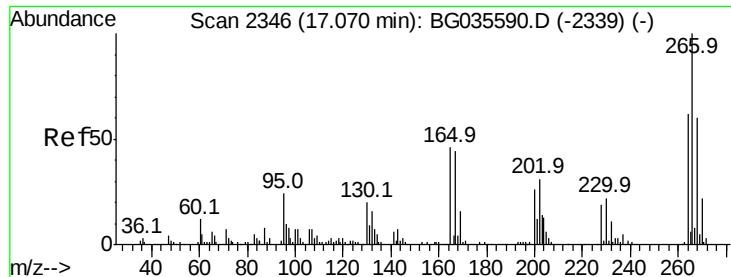


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

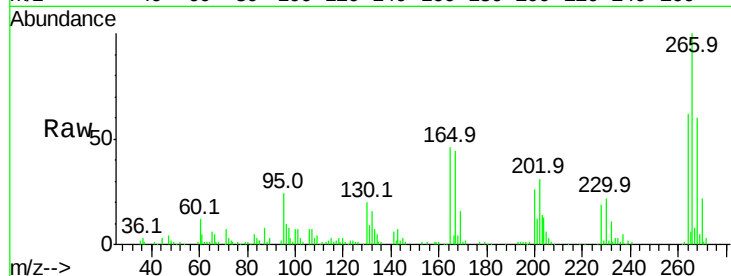




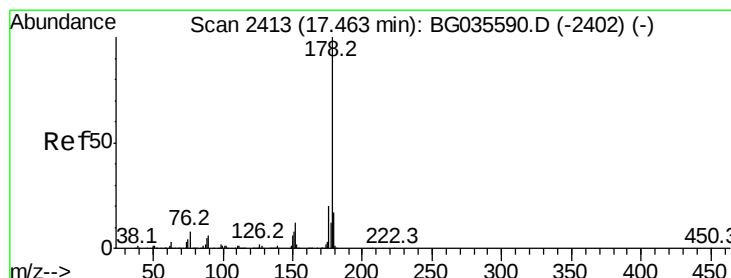
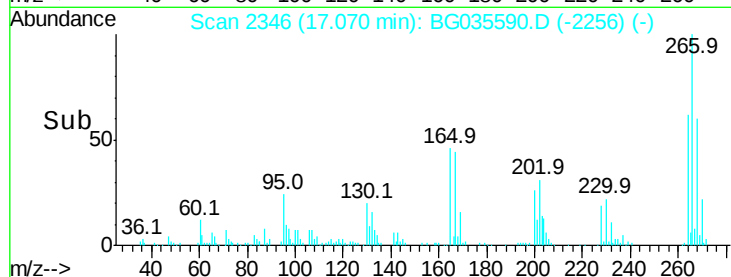
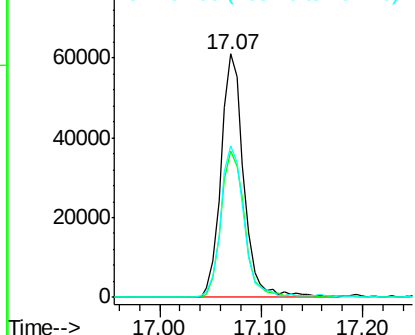
#69
 Pentachlorophenol
 Concen: 35.333 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 95143
 Ion Ratio Lower Upper
 266 100
 268 60.1 51.1 76.7
 264 62.2 49.6 74.4

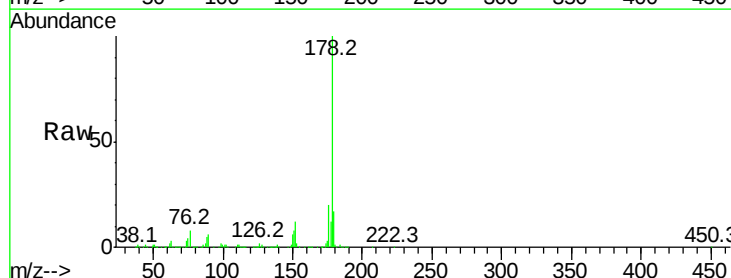


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

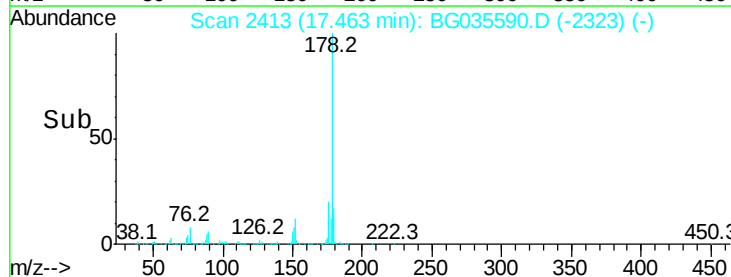
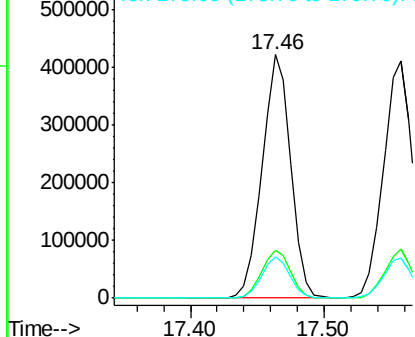


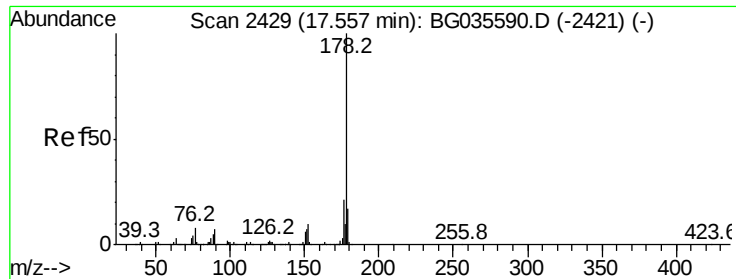
#70
 Phenanthrene
 Concen: 37.393 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

Tgt Ion:178 Resp: 620578
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 17.0 12.5 18.7



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

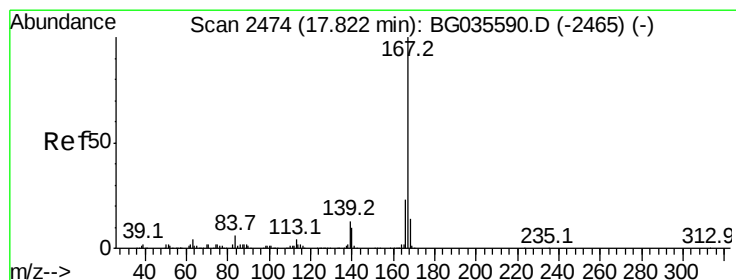
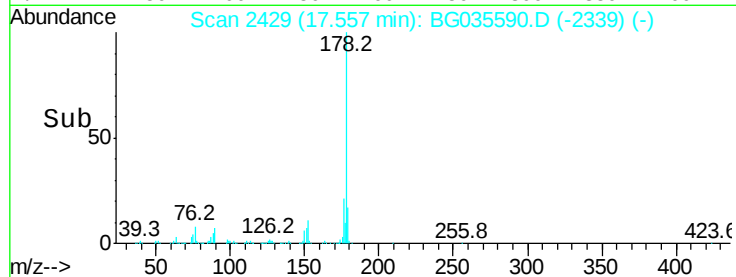
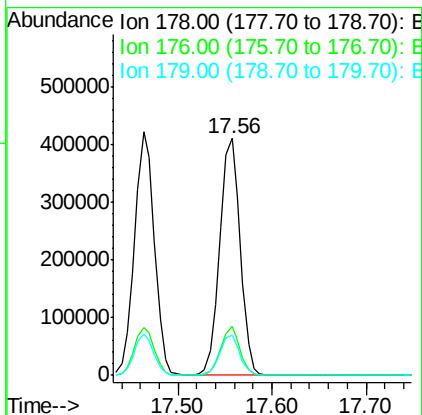
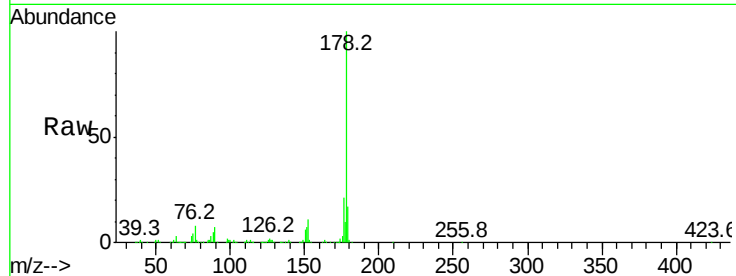




#71
 Anthracene
 Concen: 37.475 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

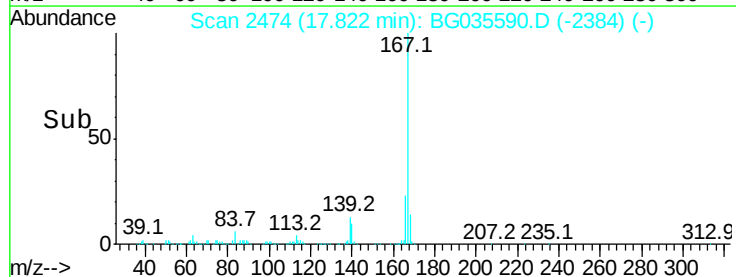
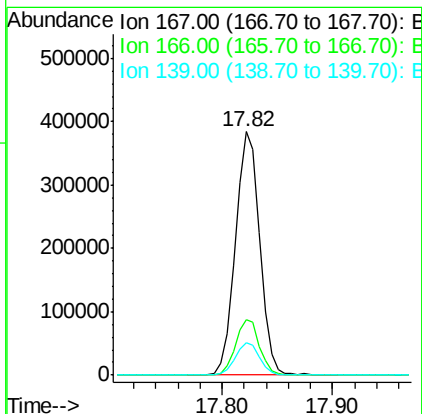
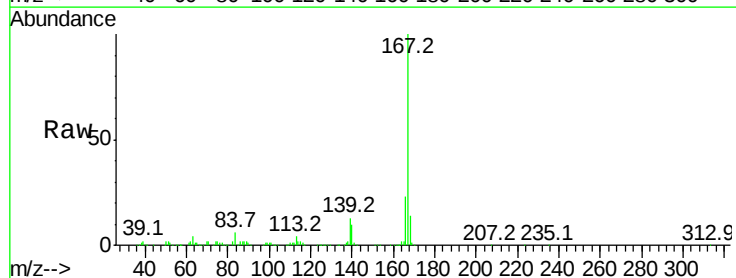
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.0	24.0
179	17.2	12.5	18.7



#72
 Carbazole
 Concen: 38.525 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	13.1	9.4	14.2

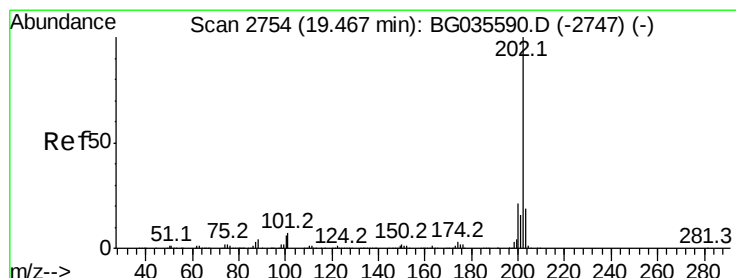
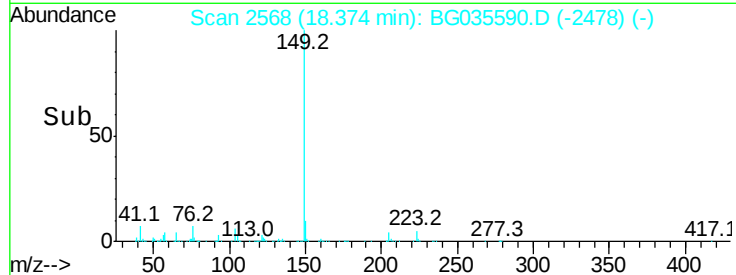
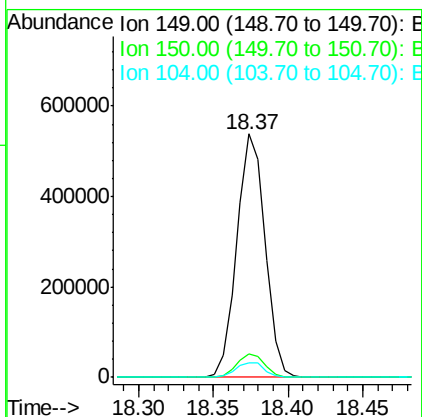
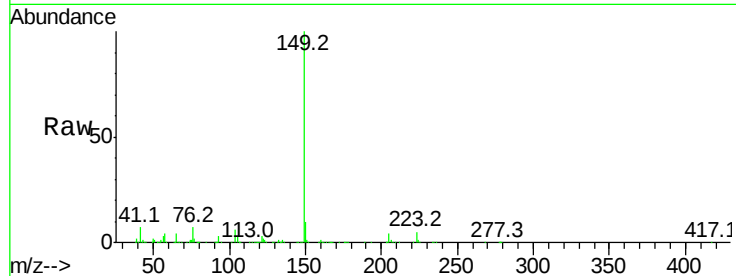




#73
Di-n-butylphthalate
Concen: 38.449 ng
RT: 18.37 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

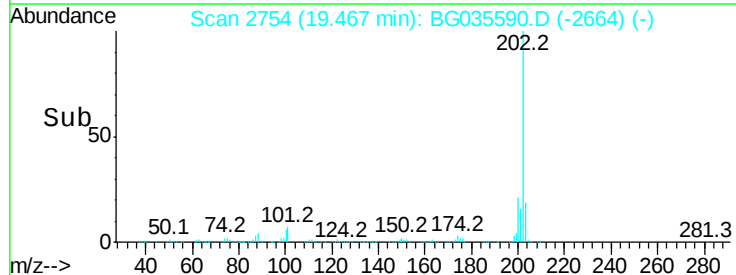
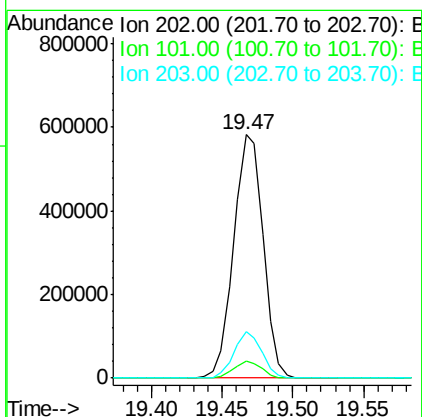
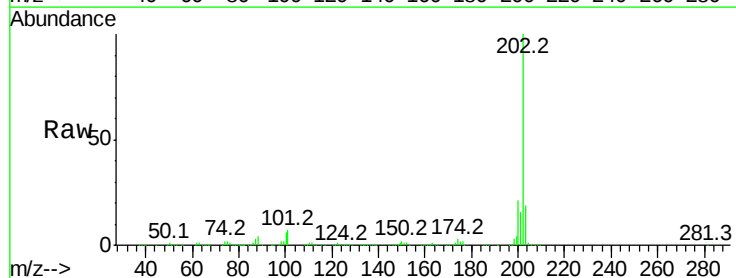
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	6.0	3.9	5.9



#74
Fluoranthene
Concen: 39.087 ng
RT: 19.47 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BG035590.D
Acq: 12 Jul 2018 12:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	28.9
203	18.9	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

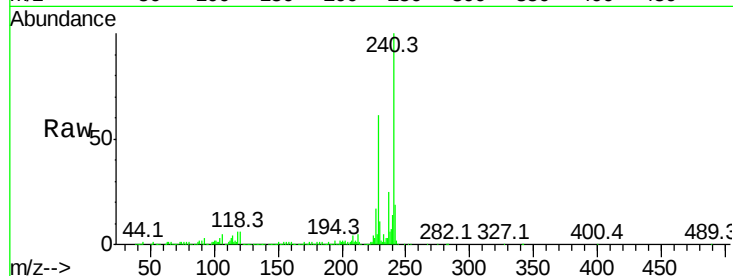
Tot Ion:240 Resp: 355999

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

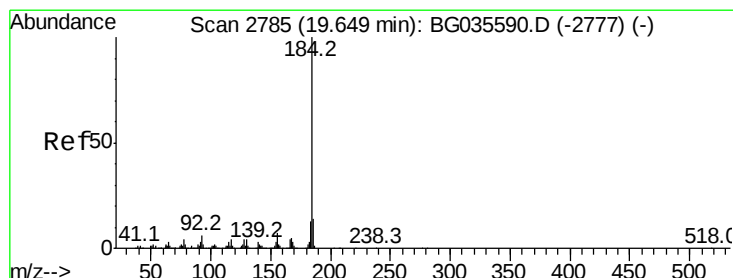
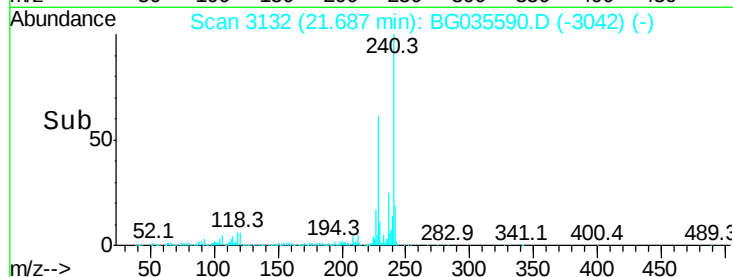
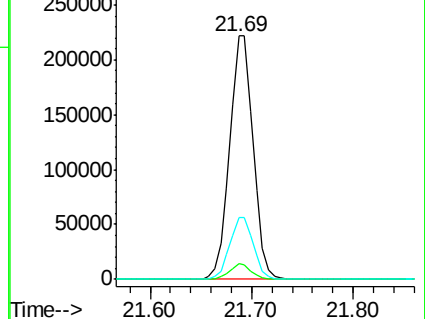
236 25.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.926 ng

RT: 19.65 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

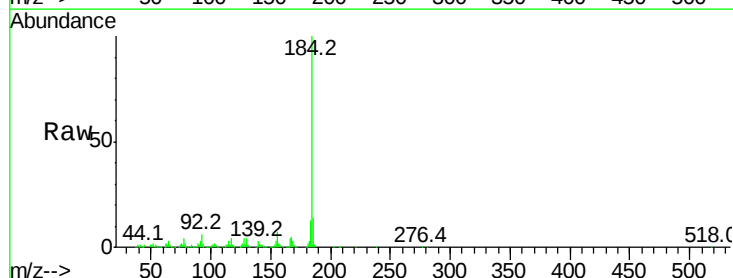
Tgt Ion:184 Resp: 343371

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

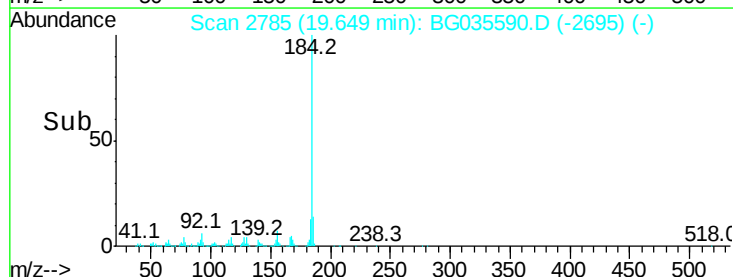
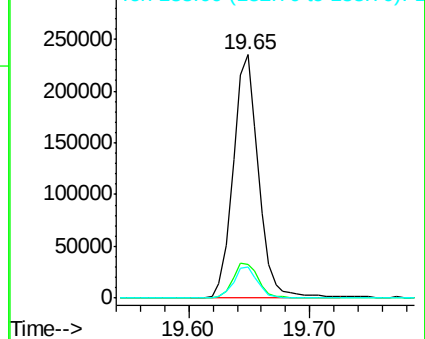
183 12.7 10.6 16.0

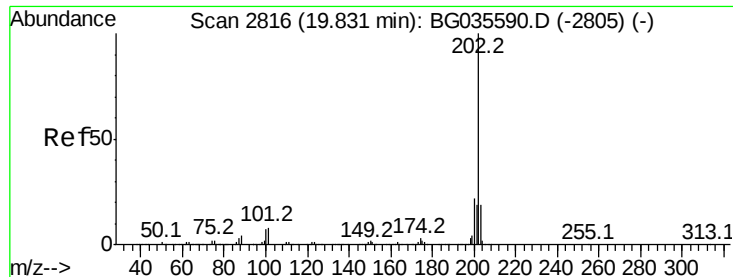


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.211 ng

RT: 19.83 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

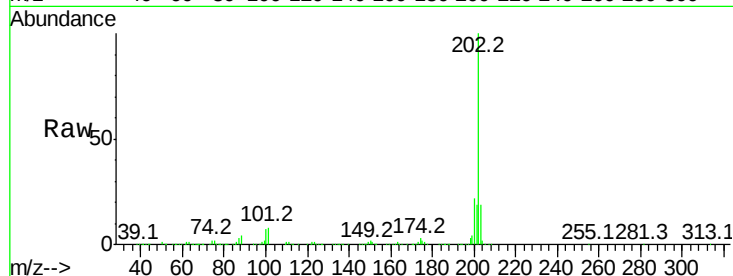
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 849830

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	19.1	13.9	20.9

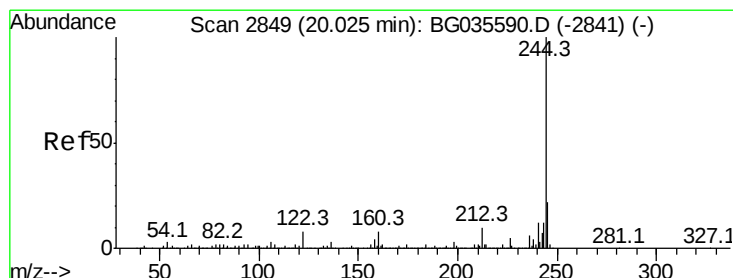
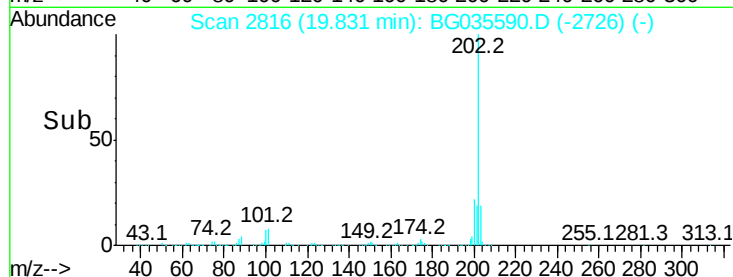
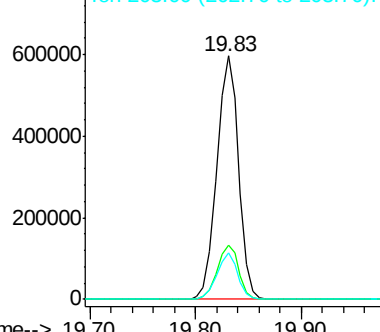


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.295 ng

RT: 20.02 min Scan# 2849

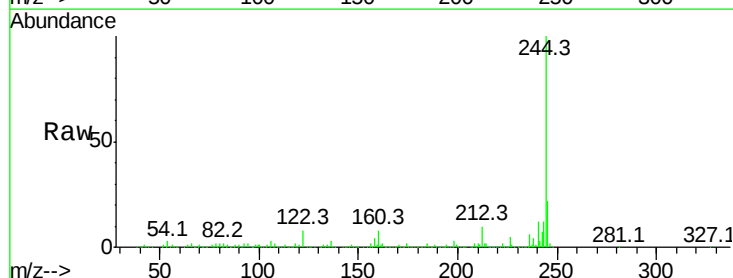
Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Tgt Ion:244 Resp: 1228691

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.6	7.0	10.4

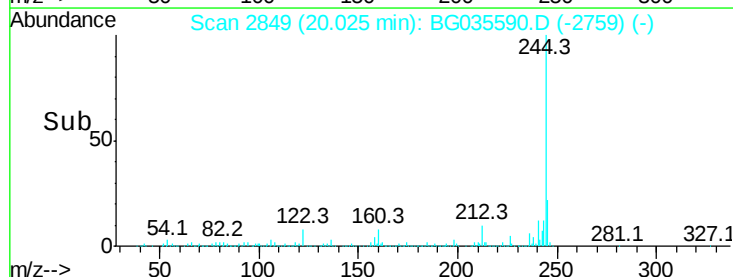
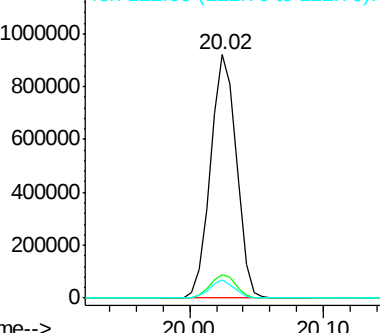


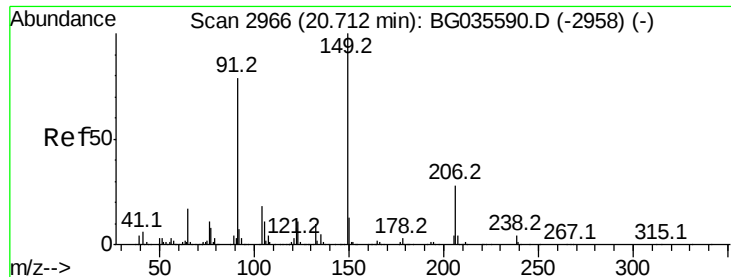
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

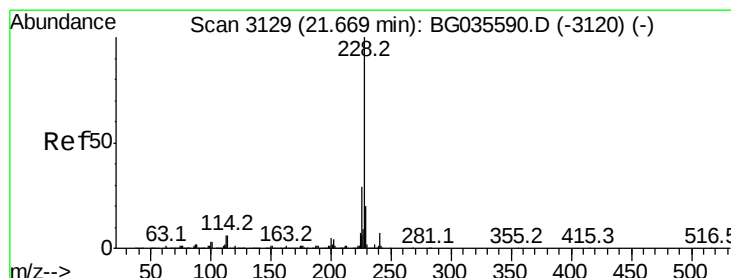
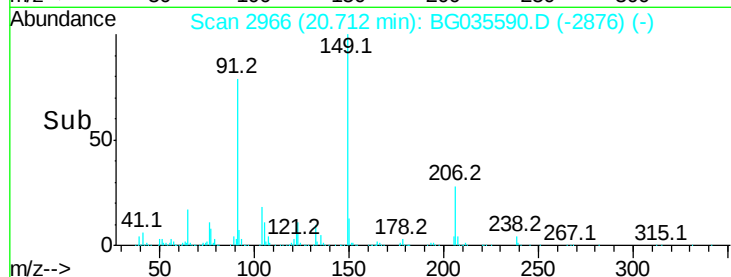
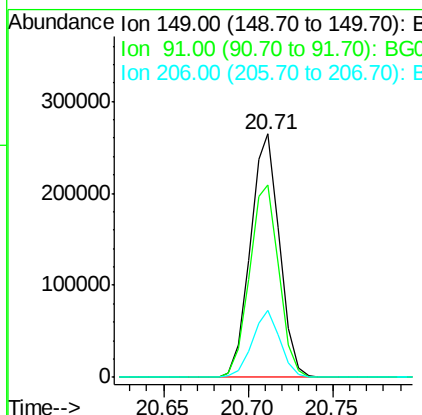
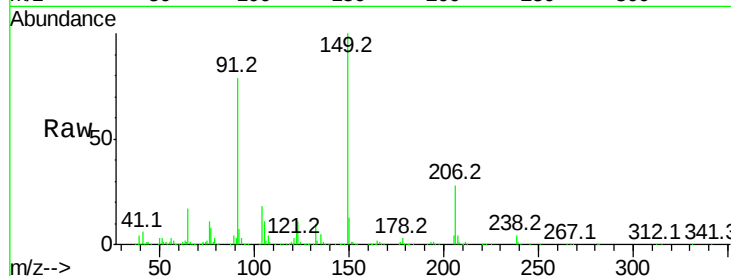




#79
 Butylbenzylphthalate
 Concen: 37.158 ng
 RT: 20.71 min Scan# 2966
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

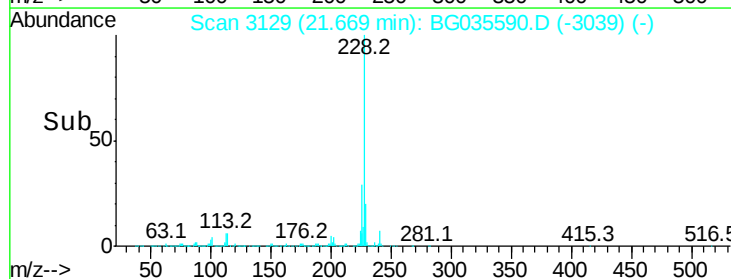
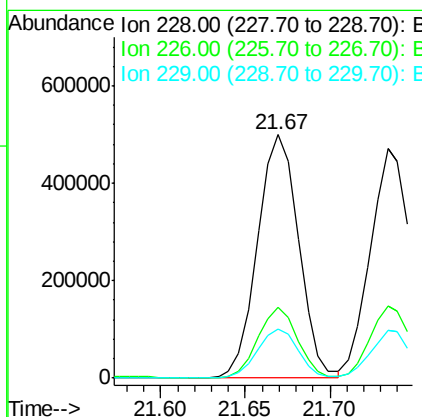
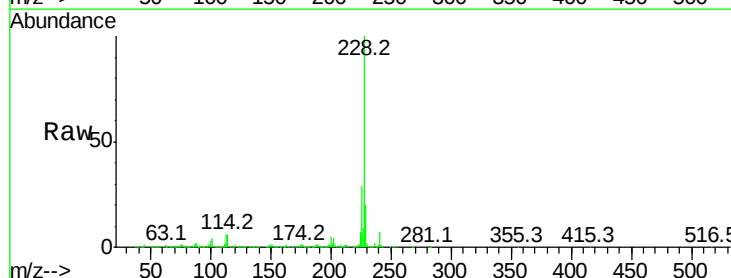
Instrument :
 BNA_G
 ClientSampleId :

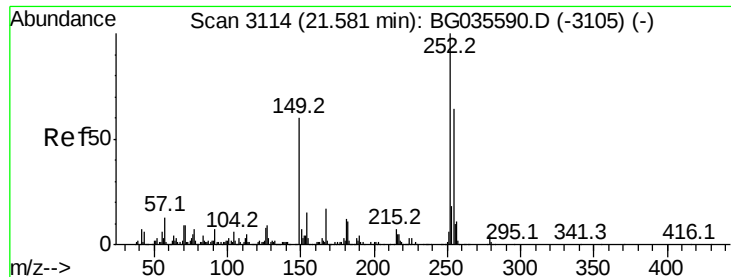
Tot Ion:149 Resp: 316664
 Ion Ratio Lower Upper
 149 100
 91 79.2 62.2 93.2
 206 27.7 18.6 27.8



#80
 Benzo(a)anthracene
 Concen: 36.941 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

Tgt Ion:228 Resp: 840386
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.7 34.1
 229 20.3 16.2 24.2

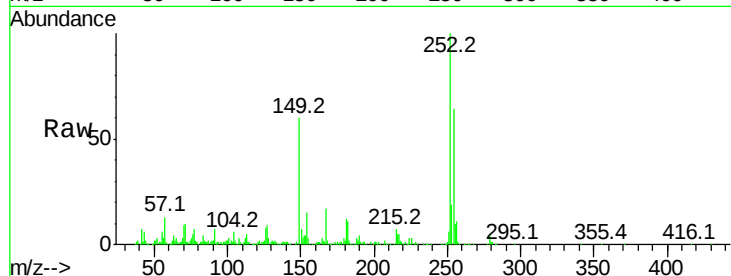




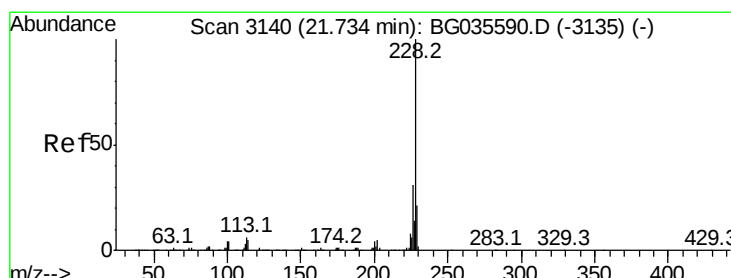
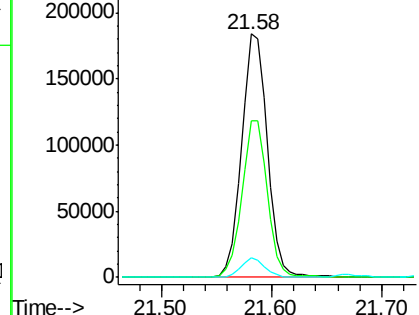
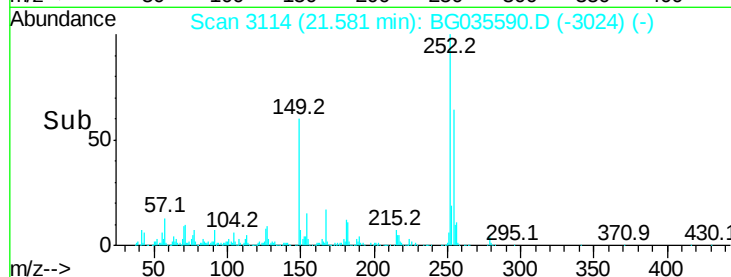
#81
 3,3'-Dichlorobenzidine
 Concen: 35.335 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.8	76.2
126	8.0	7.4	11.2

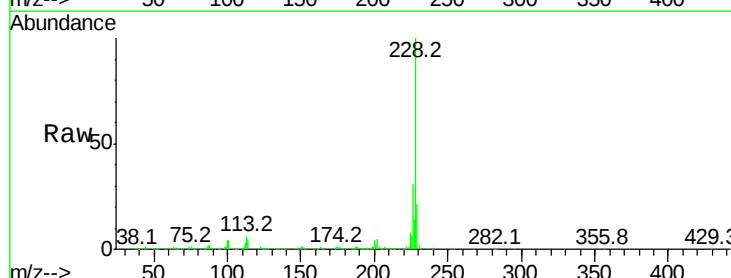


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

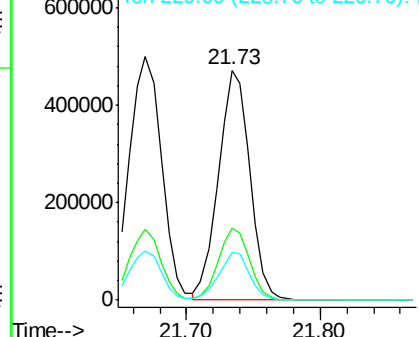
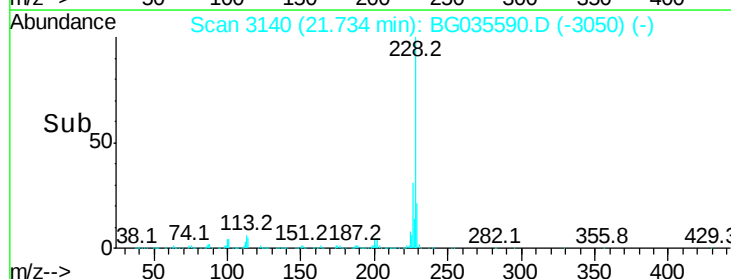


#82
 Chrysene
 Concen: 37.354 ng
 RT: 21.73 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG035590.D
 Acq: 12 Jul 2018 12:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.6	15.0	22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.819 ng

RT: 21.57 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

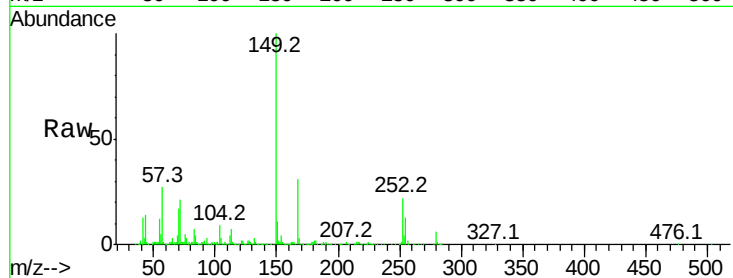
Tot Ion:149 Resp: 431315

Ion Ratio Lower Upper

149 100

167 31.0 24.3 36.5

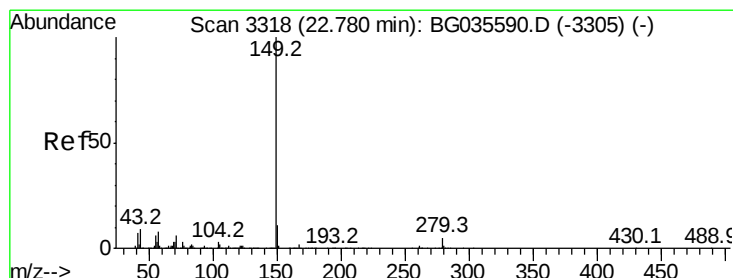
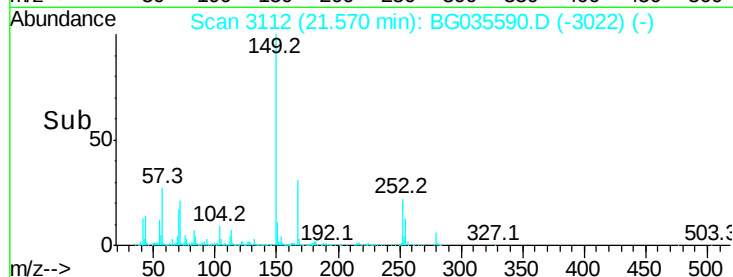
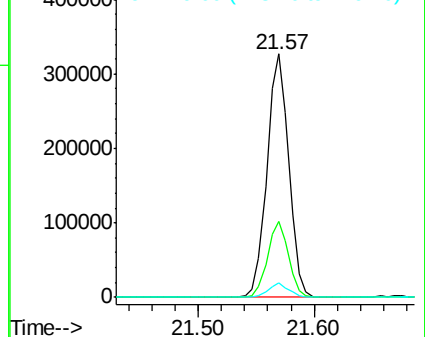
279 6.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.167 ng

RT: 22.78 min Scan# 3318

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

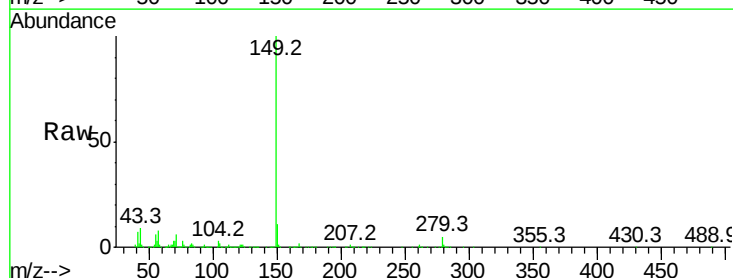
Tgt Ion:149 Resp: 726497

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

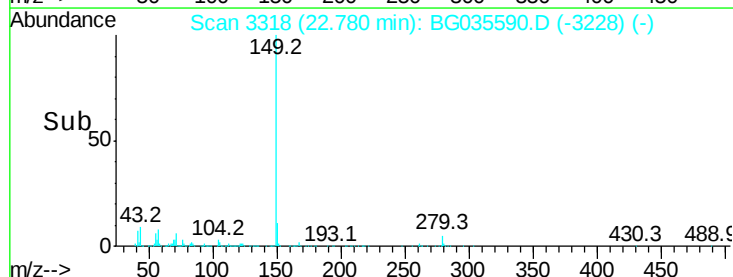
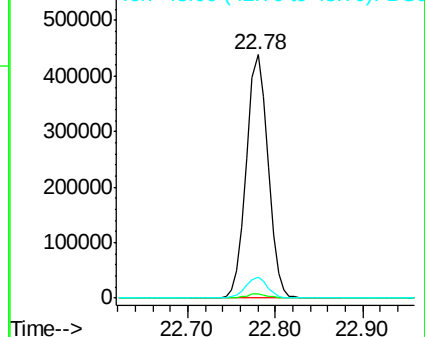
43 8.5 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.072 ng

RT: 28.58 min Scan# 4305

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

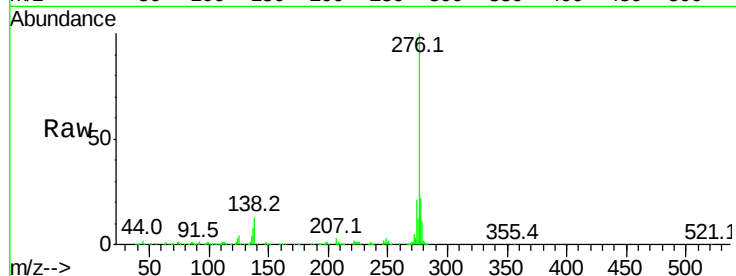
Tot Ion:276 Resp: 879964

Ion Ratio Lower Upper

276 100

138 11.4 16.0 24.0#

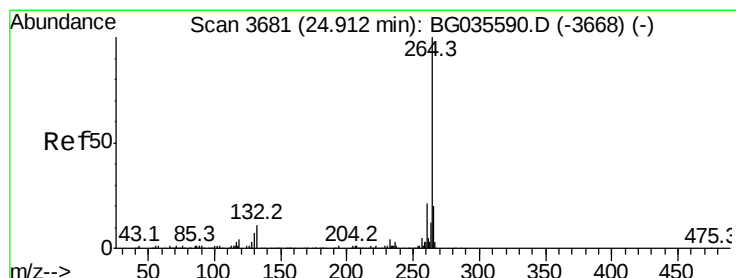
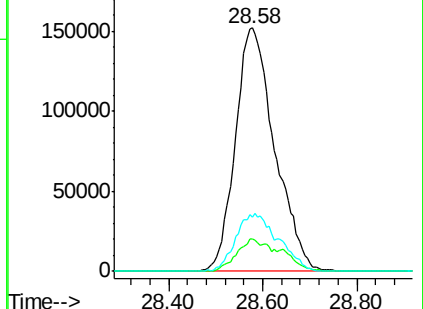
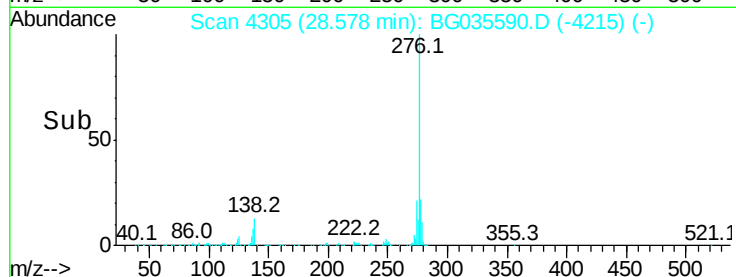
277 25.7 20.0 30.0



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: 24.91 min Scan# 3681

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

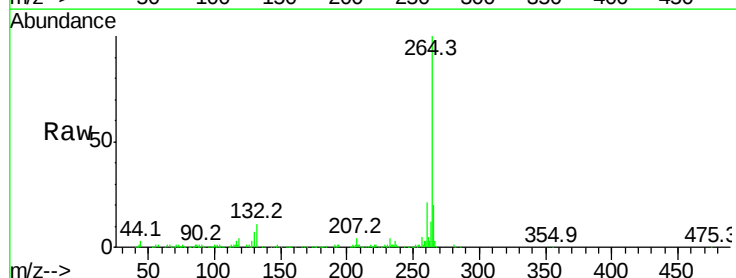
Tgt Ion:264 Resp: 340112

Ion Ratio Lower Upper

264 100

260 20.9 17.4 26.0

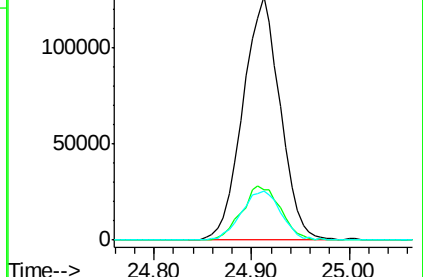
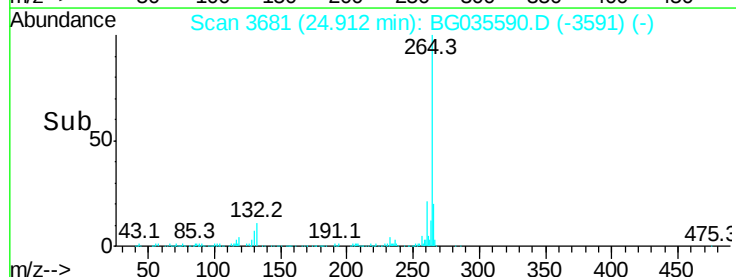
265 20.3 17.7 26.5



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: 37.553 ng

RT: 23.89 min Scan# 3507

Delta R.T. 0.00 min

Lab File: BG035590.D

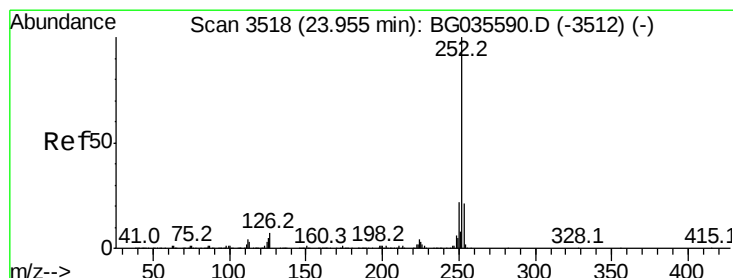
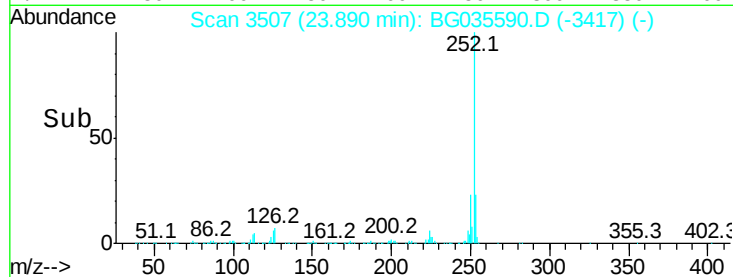
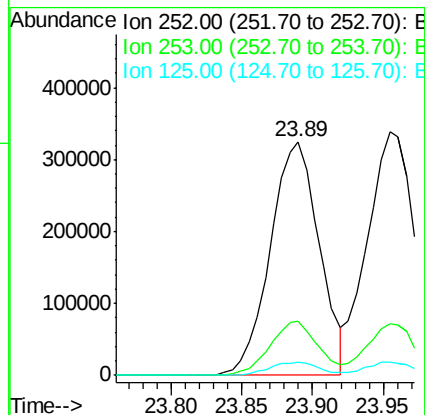
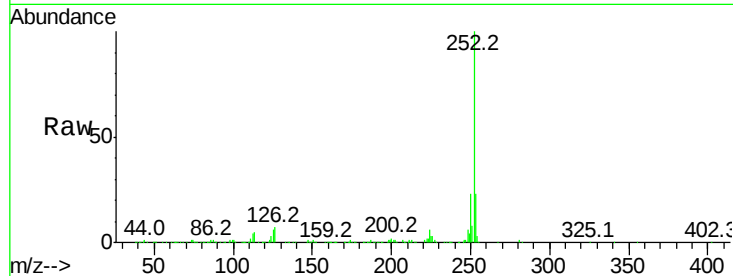
Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	786550
Ion Ratio	Lower	Upper
252	100	
253	23.4	18.2 27.4
125	5.6	7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 38.644 ng

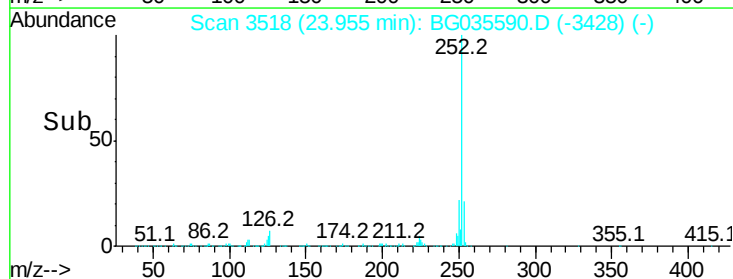
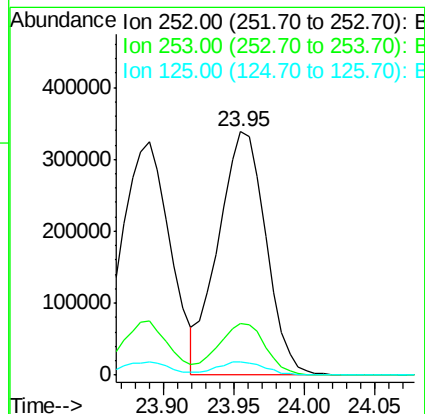
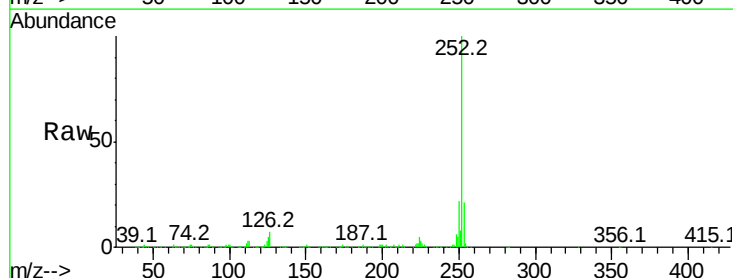
RT: 23.95 min Scan# 3518

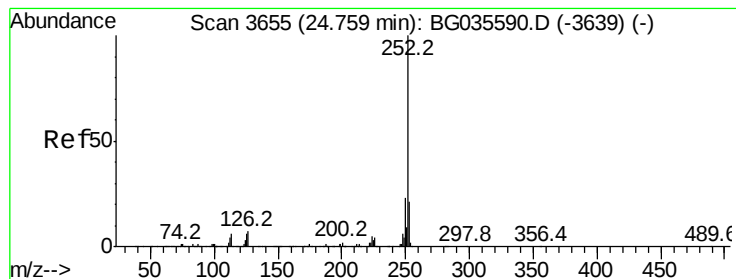
Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Tgt Ion:252	Resp:	791759
Ion Ratio	Lower	Upper
252	100	
253	21.2	17.4 26.2
125	5.4	6.6 9.8#





#89

Benzo(a)pyrene

Concen: 38.333 ng

RT: 24.76 min Scan# 3655

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

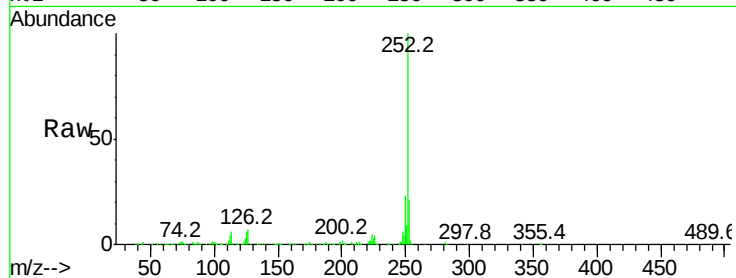
Tot Ion:252 Resp: 755481

Ion Ratio Lower Upper

252 100

253 21.5 18.3 27.5

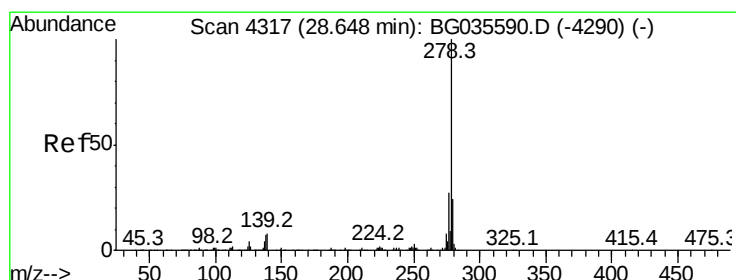
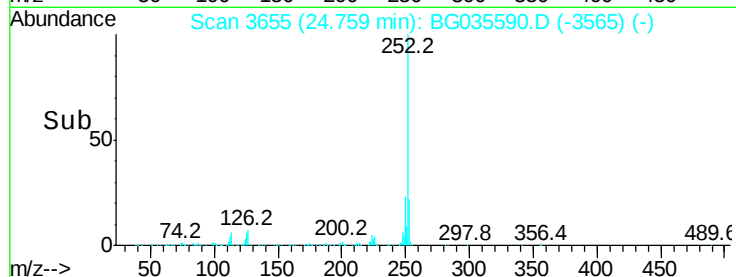
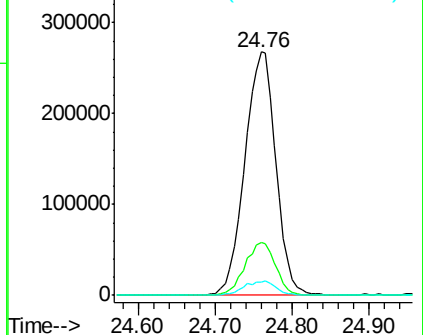
125 5.5 7.3 10.9#



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: 38.057 ng

RT: 28.65 min Scan# 4317

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

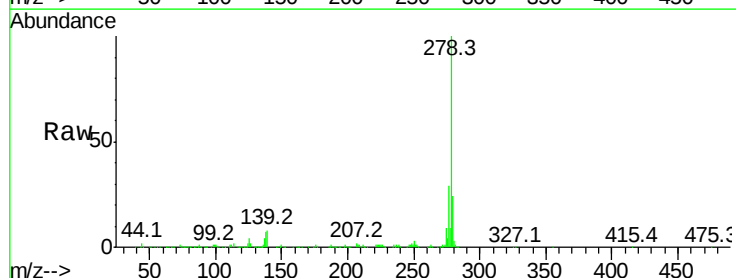
Tgt Ion:278 Resp: 740434

Ion Ratio Lower Upper

278 100

139 8.2 9.8 14.6#

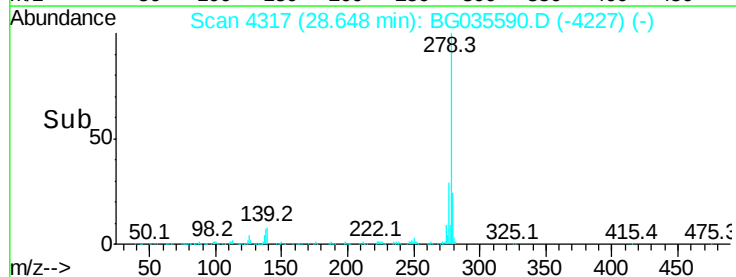
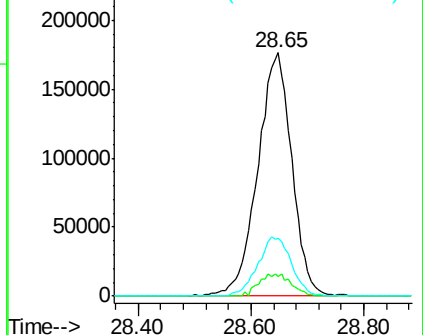
279 23.8 18.4 27.6

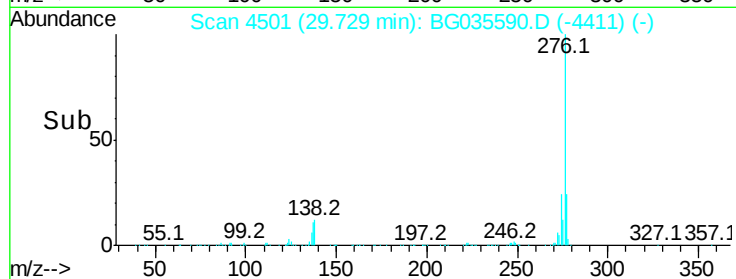
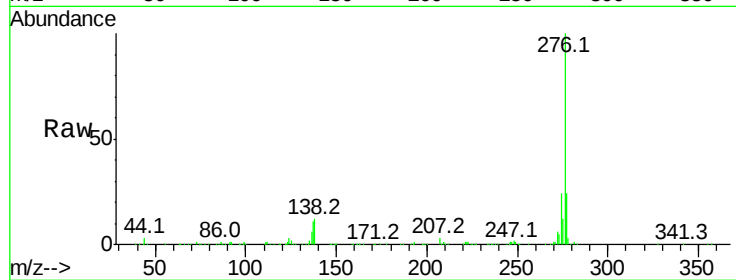
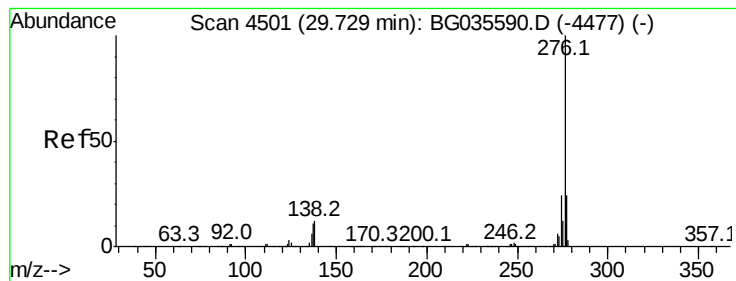


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.182 ng

RT: 29.73 min Scan# 4501

Delta R.T. 0.00 min

Lab File: BG035590.D

Acq: 12 Jul 2018 12:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 726993

Ion Ratio Lower Upper

276 100

277 24.3 18.3 27.5

138 12.3 13.9 20.9#

