

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
 Data File : BG035853.D
 Acq On : 24 Jul 2018 18:38
 Operator : JU/SJ
 Sample : J3762-07
 Misc : LOD 2PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 25 01:44:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 14:48:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33406	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	119916	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	84075	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	231447	20.00	ng	0.00
75) Chrysene-d12	21.66	240	290795	20.00	ng	0.00
86) Perylene-d12	24.86	264	271129	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	249303	123.90	ng	0.00
7) Phenol-d6	7.19	99	360280	120.01	ng	0.00
23) Nitrobenzene-d5	9.19	82	241640	84.18	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	158604	143.12	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	577371	92.00	ng	0.00
78) Terphenyl-d14	20.00	244	1328480	100.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	2066	2.017	ng	89
3) Pyridine	3.95	79	1449	0.542	ng	# 62
4) n-Nitrosodimethylamine	3.85	42	1616	1.408	ng	# 51
6) Aniline	7.36	93	4383	1.126	ng	# 82
8) 2-Chlorophenol	7.59	128	4008	1.959	ng	# 63
9) Benzaldehyde	7.18	77	4250	2.307	ng	# 70
10) Phenol	7.22	94	6044	1.993	ng	# 67
11) bis(2-Chloroethyl)ether	7.45	93	4520	1.903	ng	# 78
12) 1,3-Dichlorobenzene	7.92	146	5159	2.088	ng	# 90
13) 1,4-Dichlorobenzene	8.06	146	4573	1.821	ng	# 85
14) 1,2-Dichlorobenzene	8.39	146	4368	1.811	ng	# 91
15) Benzyl Alcohol	8.28	79	2775	1.018	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.56	45	4741	2.381	ng	# 82
17) 2-Methylphenol	8.48	107	3690	1.789	ng	# 82
18) Hexachloroethane	9.11	117	1823	1.899	ng	# 79
19) n-Nitroso-di-n-propylamine	8.83	70	2850	1.127	ng	# 80
20) 3+4-Methylphenols	8.84	107	2763	0.966	ng	# 41
22) Acetophenone	8.86	105	6186	1.659	ng	# 91
24) Nitrobenzene	9.23	77	4983	1.726	ng	# 97
25) Isophorone	9.75	82	8915	1.673	ng	# 90
26) 2-Nitrophenol	9.95	139	1660	1.619	ng	# 68
27) 2,4-Dimethylphenol	10.03	122	3084	1.777	ng	# 62
28) bis(2-Chloroethoxy)methane	10.25	93	3290	1.120	ng	# 90
29) 2,4-Dichlorophenol	10.53	162	871	0.440	ng	# 94
30) 1,2,4-Trichlorobenzene	10.69	180	5155	2.122	ng	# 95
31) Naphthalene	10.88	128	13602	2.178	ng	# 93
32) Benzoic acid	10.14	122	140	0.120	ng	# 1
33) 4-Chloroaniline	11.05	127	2222	0.816	ng	# 76
34) Hexachlorobutadiene	11.16	225	3799	2.005	ng	# 89
35) Caprolactam	11.81	113	356	0.419	ng	# 17
36) 4-Chloro-3-methylphenol	12.14	107	3472	1.307	ng	# 69
37) 2-Methylnaphthalene	12.49	142	8938	1.921	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	6582	2.074	ng	# 96
40) Hexachlorocyclopentadiene	12.83	237	575	0.346	ng	# 76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.12	196	3227	1.739	ng	# 72
43) 2,4,5-Trichlorophenol	13.20	196	2760	1.329	ng	# 70
45) 1,1'-Biphenyl	13.49	154	13959	2.142	ng	99
46) 2-Chloronaphthalene	13.53	162	10288	2.029	ng	94
47) 2-Nitroaniline	13.76	65	2577	1.438	ng	96
48) Acenaphthylene	14.37	152	16562	1.950	ng	# 95
49) Dimethylphthalate	14.11	163	12039	1.634	ng	97
50) 2,6-Dinitrotoluene	14.23	165	2882	1.921	ng	91
51) Acenaphthene	14.71	154	10301	1.947	ng	85
52) 3-Nitroaniline	14.61	138	1006	0.656	ng	# 59
53) 2,4-Dinitrophenol	15.25	184	58	6.651	ng	# 1
54) Dibenzofuran	15.05	168	17329	2.059	ng	# 89
55) 4-Nitrophenol	15.05	139	7090	6.494	ng	# 2
56) 2,4-Dinitrotoluene	15.03	165	3216	1.494	ng	# 74
57) Fluorene	15.70	166	13072	1.854	ng	# 93
58) 2,3,4,6-Tetrachlorophenol	15.28	232	3071	1.543	ng	# 82
59) Diethylphthalate	15.46	149	12283	1.622	ng	97
60) 4-Chlorophenyl-phenylether	15.69	204	8348	2.014	ng	# 91
61) 4-Nitroaniline	15.79	138	453	0.282	ng	86
62) Azobenzene	15.98	77	13352	1.787	ng	90
64) 4,6-Dinitro-2-methylphenol	15.83	198	57	0.044	ng	# 29
65) n-Nitrosodiphenylamine	15.91	169	11257	1.709	ng	95
66) 4-Bromophenyl-phenylether	16.59	248	5214	1.942	ng	98
67) Hexachlorobenzene	16.70	284	5634	2.037	ng	# 82
68) Atrazine	16.85	200	4431	1.634	ng	86
69) Pentachlorophenol	17.07	266	132	0.078	ng	# 19
70) Phenanthrene	17.44	178	24687	2.138	ng	96
71) Anthracene	17.53	178	22442	1.952	ng	97
72) Carbazole	17.81	167	17906	1.640	ng	# 93
73) Di-n-butylphthalate	18.35	149	22444	1.739	ng	# 95
74) Fluoranthene	19.45	202	32104	2.064	ng	96
76) Benzidine	19.67	184	851	0.111	ng	# 66
77) Pyrene	19.81	202	34071	1.853	ng	96
79) Butylbenzylphthalate	20.69	149	9965	1.516	ng	# 90
80) Benzo(a)anthracene	21.63	228	35904	1.981	ng	98
81) 3,3'-Dichlorobenzidine	21.57	252	5956	0.943	ng	97
82) Chrysene	21.70	228	35604	2.120	ng	97
83) Bis(2-ethylhexyl)phthalate	21.53	149	15492	1.733	ng	95
84) Di-n-octyl phthalate	22.74	149	25456	1.701	ng	# 95
85) Indeno(1,2,3-cd)pyrene	28.52	276	14396	0.774	ng	# 70
87) Benzo(b)fluoranthene	23.91	252	26570	1.612	ng	97
88) Benzo(k)fluoranthene	23.91	252	26570	1.649	ng	95
89) Benzo(a)pyrene	24.71	252	27861	1.817	ng	# 95
90) Dibenzo(a,h)anthracene	28.58	278	8599	0.571	ng	# 88
91) Benzo(g,h,i)perylene	29.63	276	9364	0.636	ng	97

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

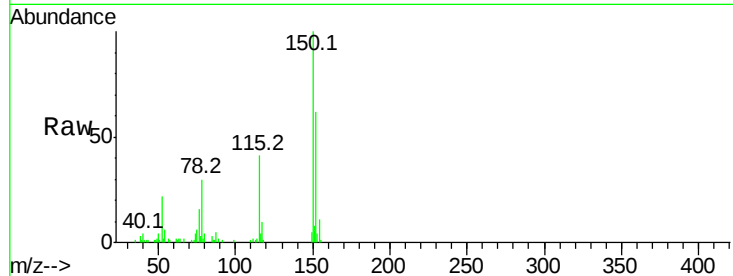


#1

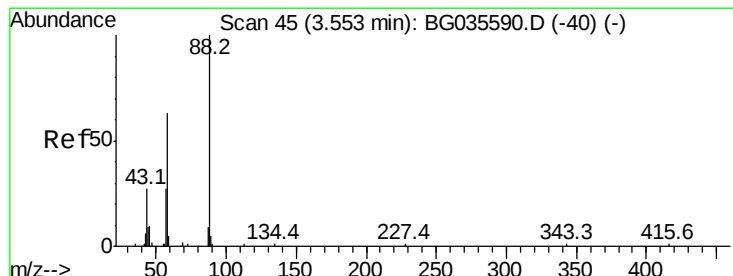
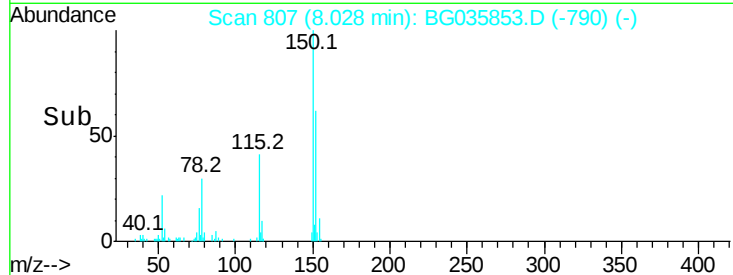
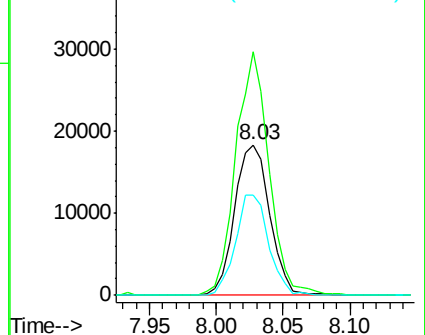
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.6	189.8
115	66.4	53.0	79.4



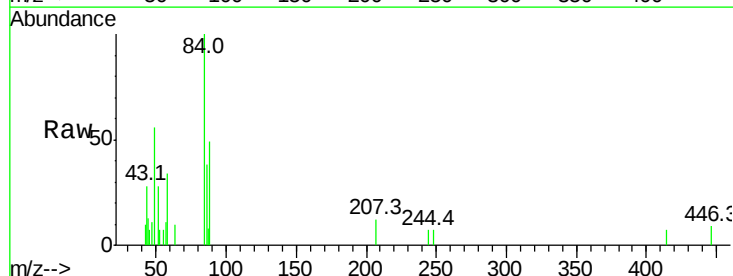
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



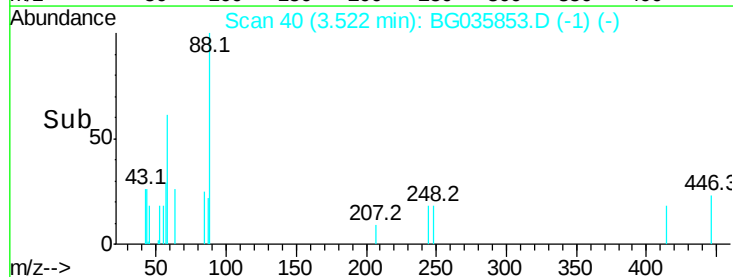
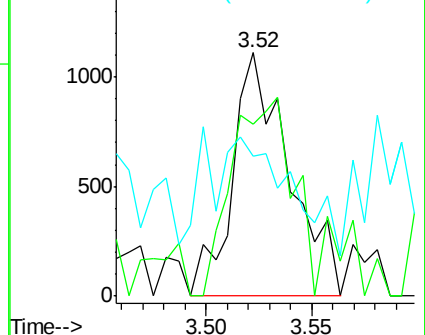
#2

1,4-Dioxane
Concen: 2.017 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.4	79.6	119.4
43	30.1	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: 0.542 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.03 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

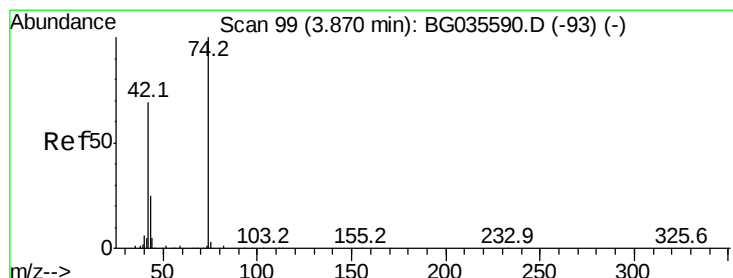
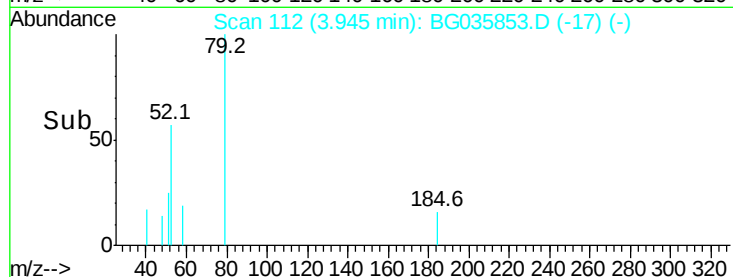
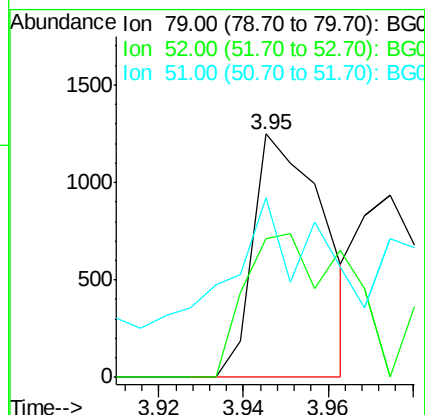
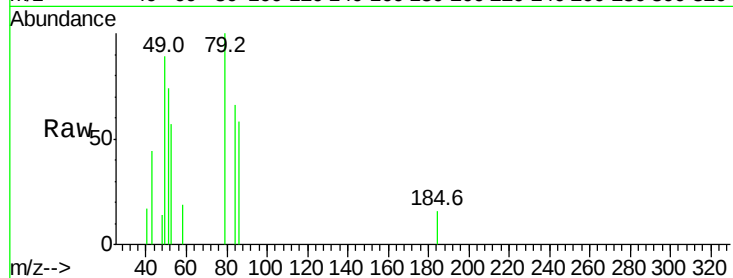
Tot Ion: 79 Resp: 1449

Ion Ratio Lower Upper

79 100

52 57.2 69.9 104.9#

51 73.9 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 1.408 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

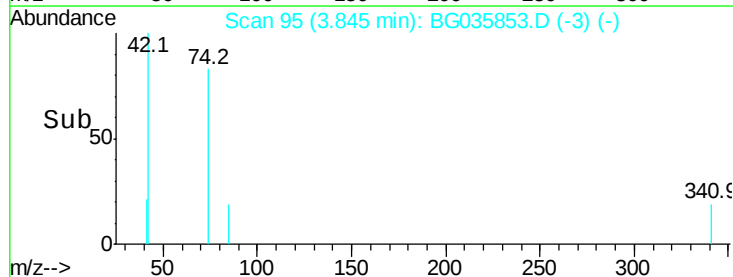
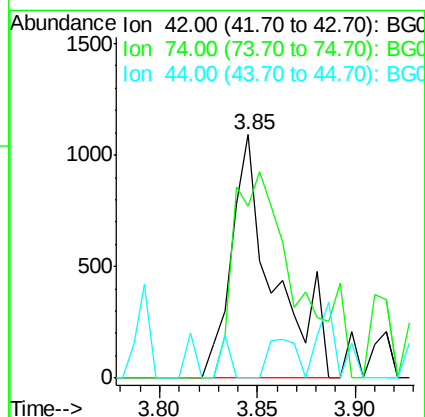
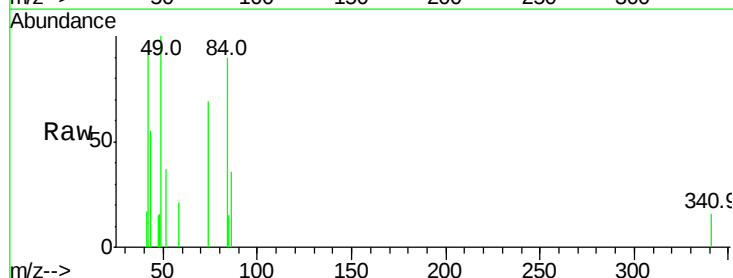
Tgt Ion: 42 Resp: 1616

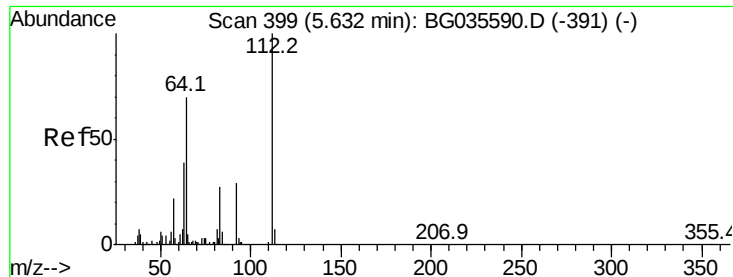
Ion Ratio Lower Upper

42 100

74 70.7 102.5 153.7#

44 0.0 18.9 28.3#





#5

2-Fluorophenol

Concen: 123.900 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: BG035853.D

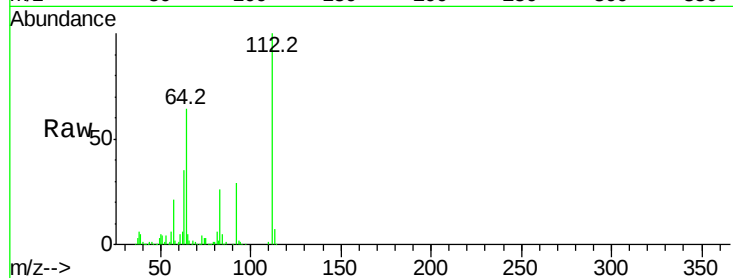
Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

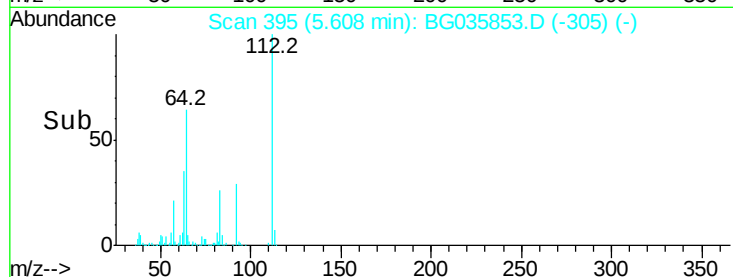
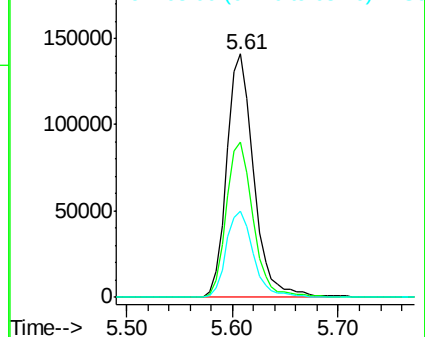
Tot Ion:	112	Resp:	249303
Ion	Ratio	Lower	Upper
112	100		
64	64.0	56.3	84.5
63	35.4	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 1.126 ng

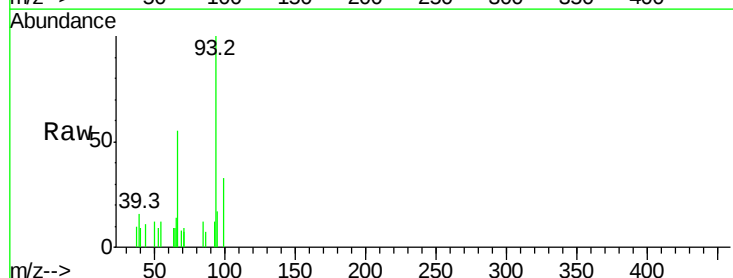
RT: 7.36 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

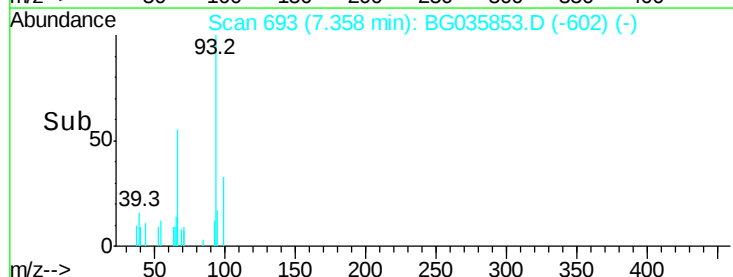
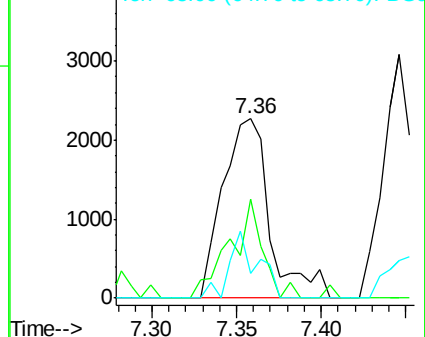
Tgt Ion:	93	Resp:	4383
Ion	Ratio	Lower	Upper
93	100		
66	55.1	33.7	50.5#
65	14.1	16.1	24.1#

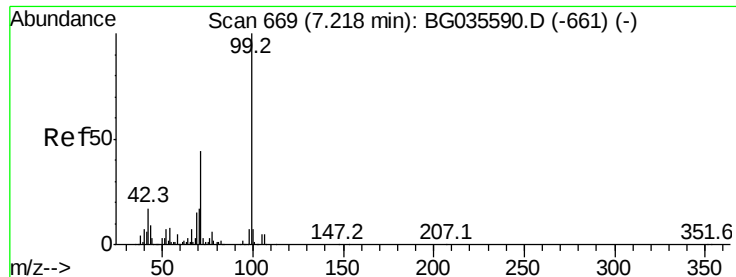


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.011 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

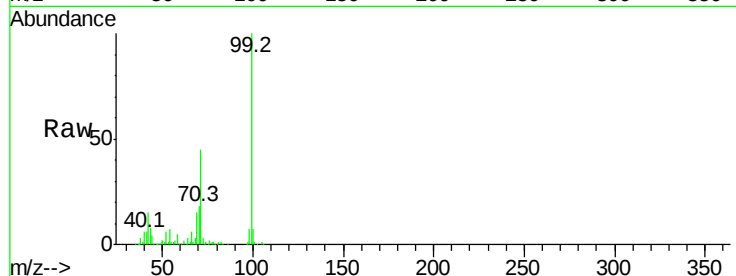
Tot Ion: 99 Resp: 360280

Ion Ratio Lower Upper

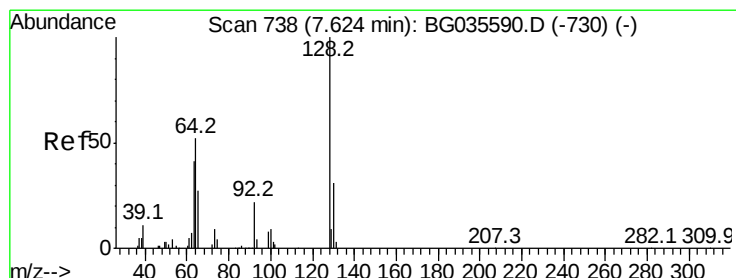
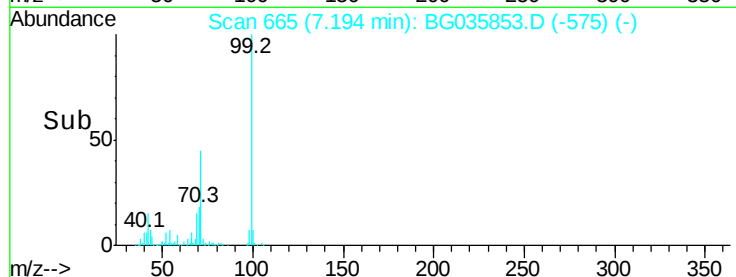
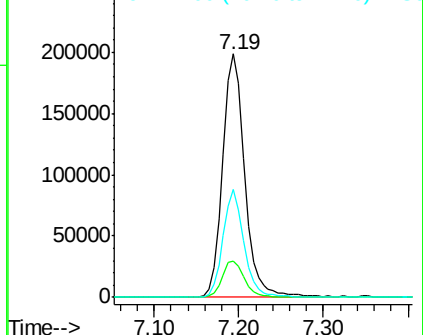
99 100

42 14.8 14.1 21.1

71 44.5 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: 1.959 ng

RT: 7.59 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

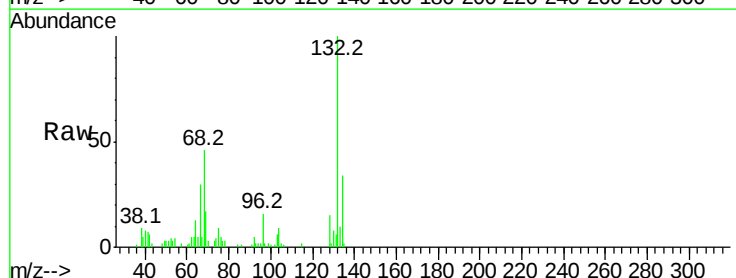
Tgt Ion: 128 Resp: 4008

Ion Ratio Lower Upper

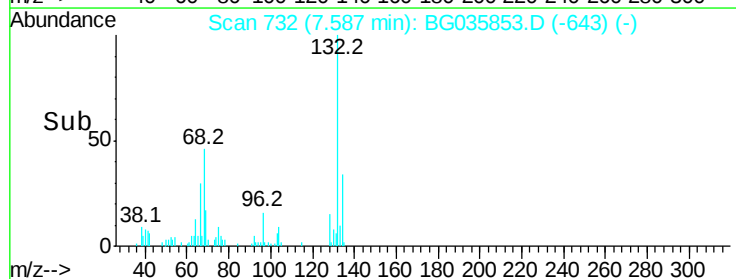
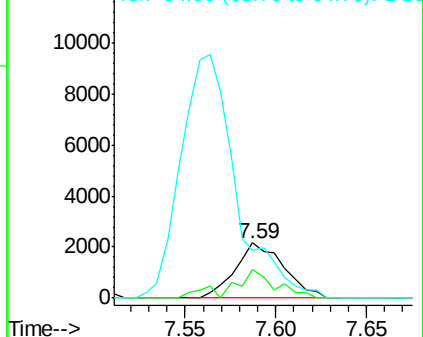
128 100

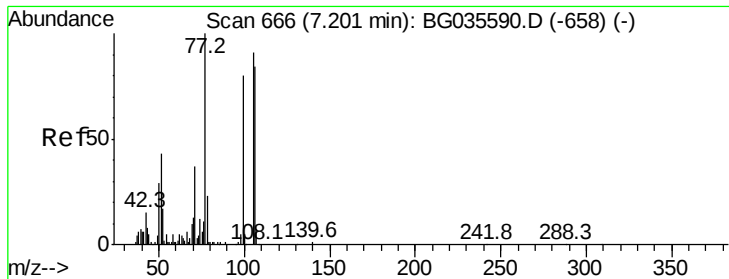
130 52.3 14.0 54.0

64 86.8 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: 2.307 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

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ClientSampleId :

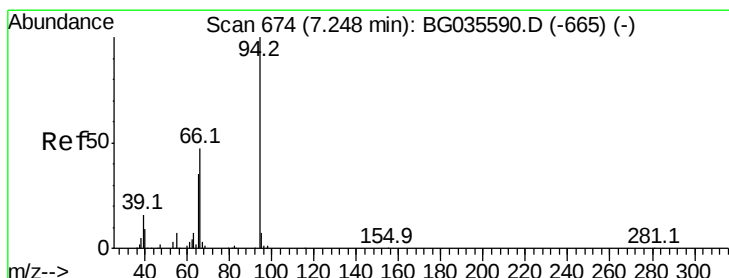
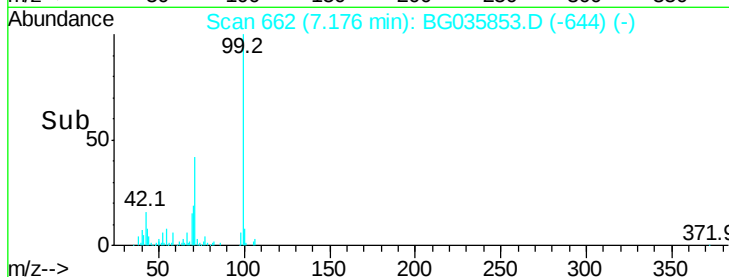
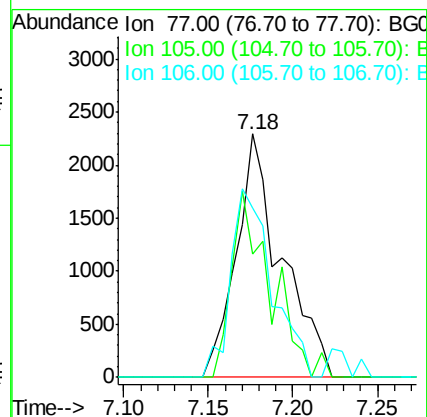
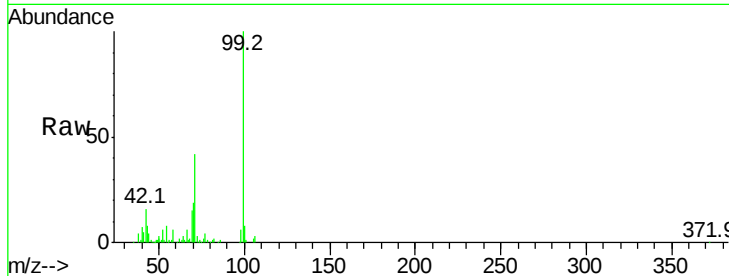
Tot Ion: 77 Resp: 4250

Ion Ratio Lower Upper

77 100

105 50.5 71.3 111.3#

106 69.4 64.2 104.2



#10

Phenol

Concen: 1.993 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

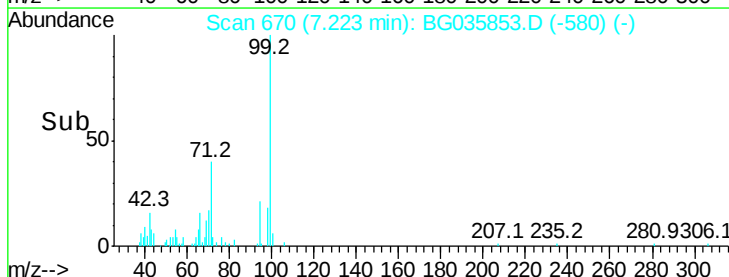
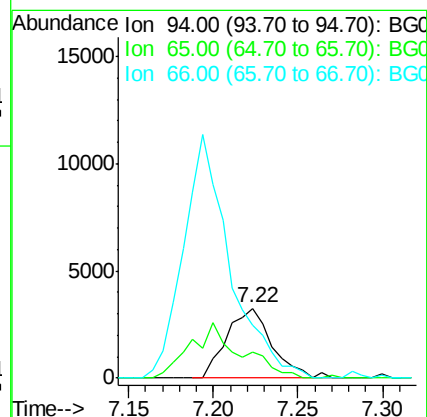
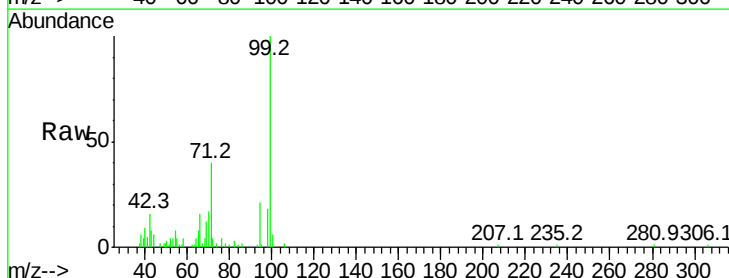
Tgt Ion: 94 Resp: 6044

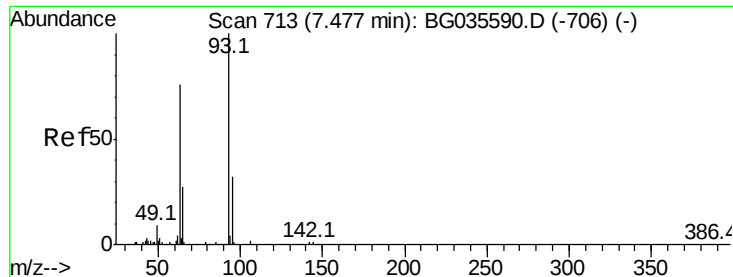
Ion Ratio Lower Upper

94 100

65 36.4 11.9 51.9

66 74.7 22.2 62.2#





#11

bis(2-Chloroethyl)ether

Concen: 1.903 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampleId :

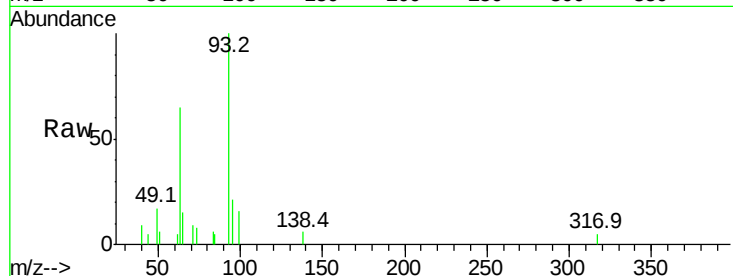
Tot Ion: 93 Resp: 4520

Ion Ratio Lower Upper

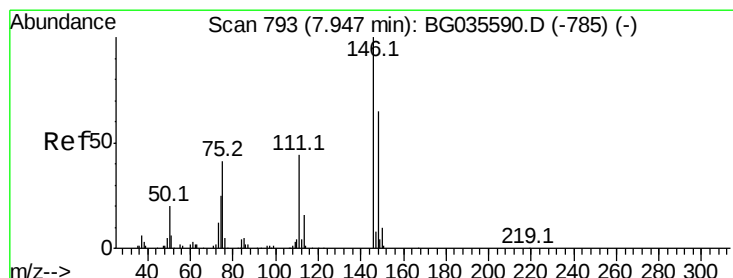
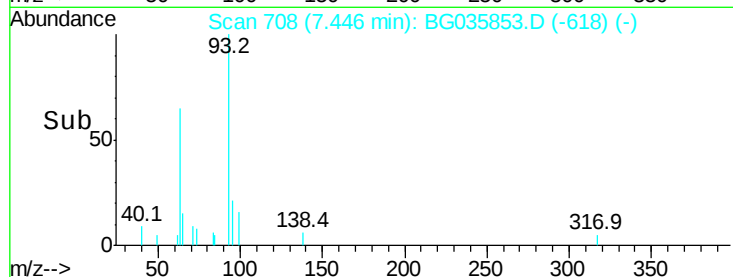
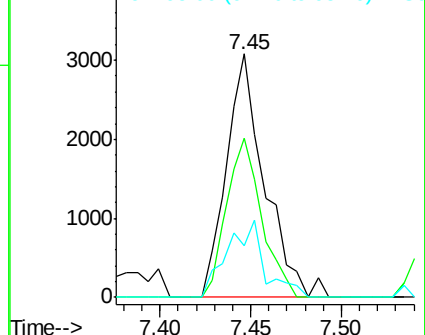
93 100

63 65.4 67.1 107.1#

95 21.0 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 2.088 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

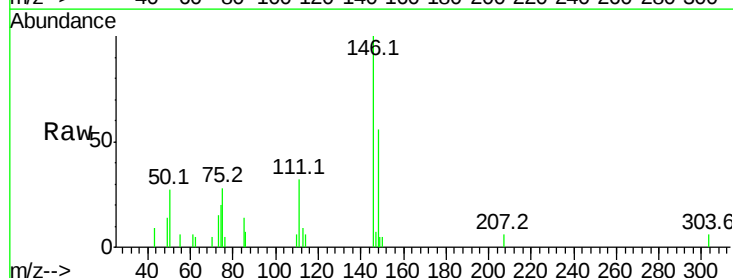
Tgt Ion: 146 Resp: 5159

Ion Ratio Lower Upper

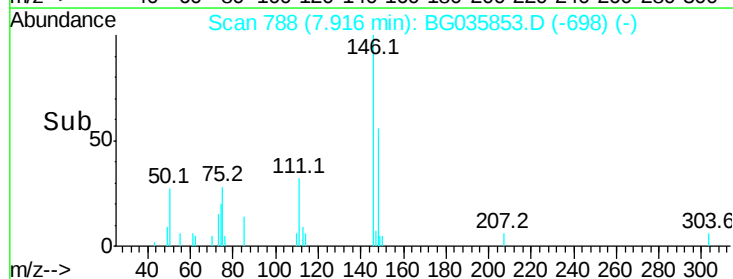
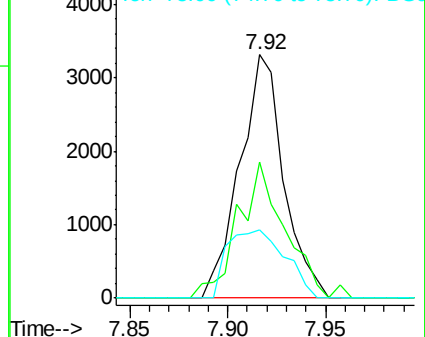
146 100

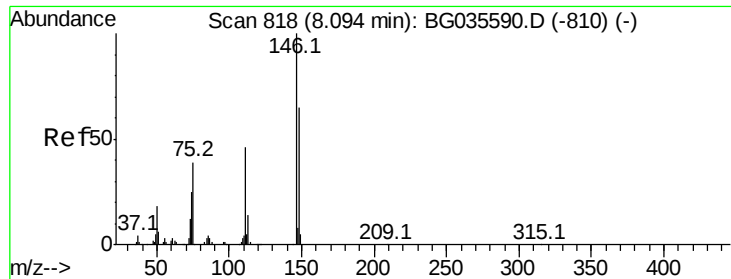
148 55.8 51.4 77.2

75 28.1 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

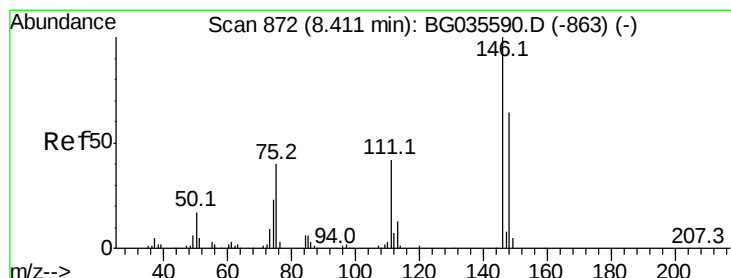
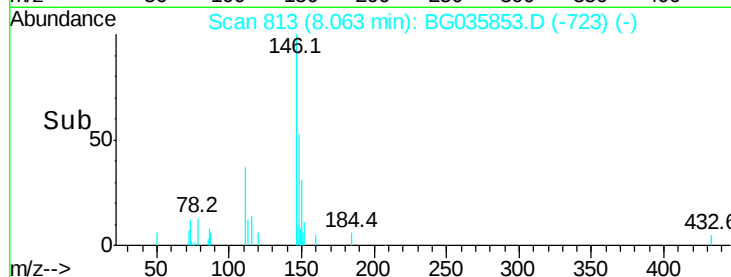
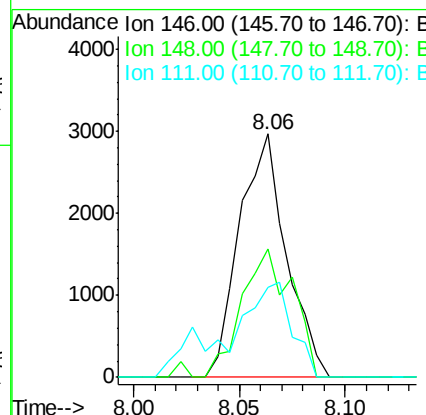
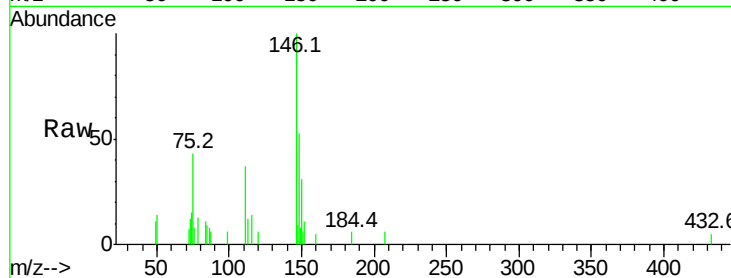




#13
 1,4-Dichlorobenzene
 Concen: 1.821 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG035853.D
 Acq: 24 Jul 2018 18:38

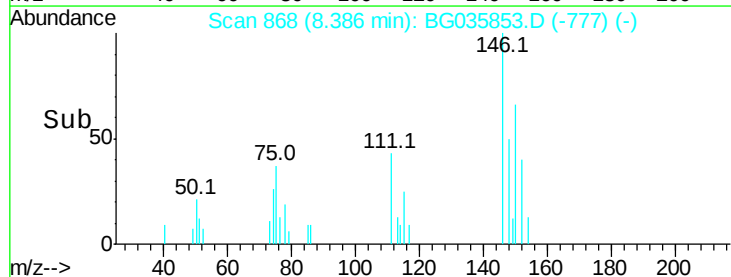
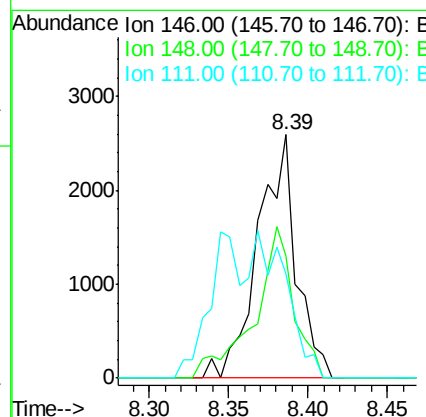
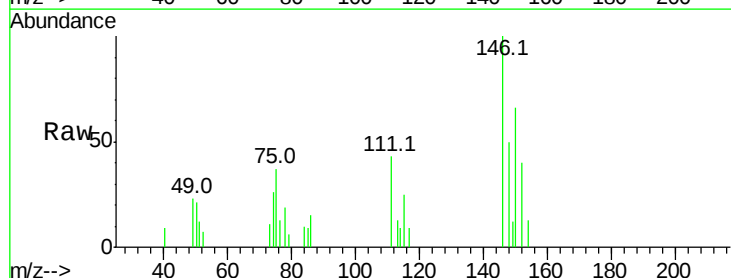
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 4573
 Ion Ratio Lower Upper
 146 100
 148 52.5 53.7 80.5#
 111 37.1 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 1.811 ng
 RT: 8.39 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: BG035853.D
 Acq: 24 Jul 2018 18:38

Tgt Ion:146 Resp: 4368
 Ion Ratio Lower Upper
 146 100
 148 50.3 49.3 73.9
 111 43.0 34.3 51.5





#15

Benzyl Alcohol

Concen: 1.018 ng

RT: 8.28 min Scan# 850

Delta R.T. 0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampled :

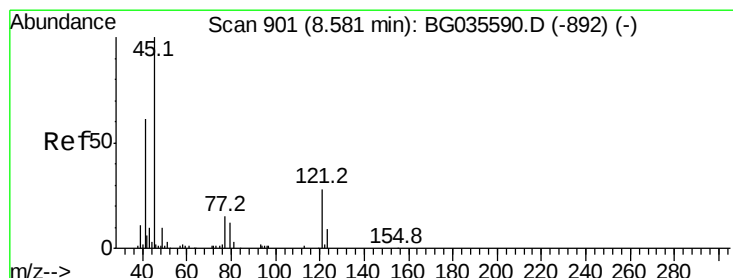
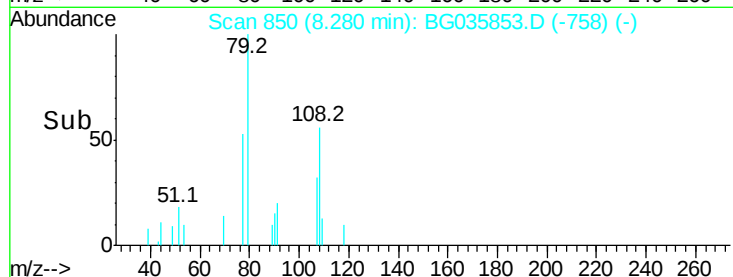
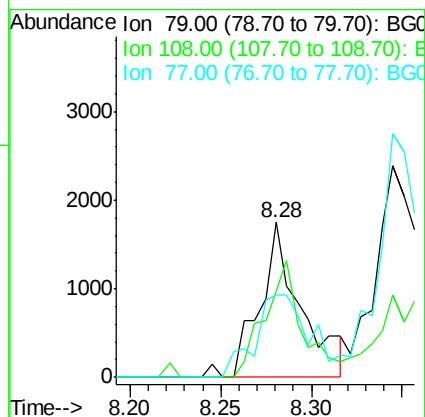
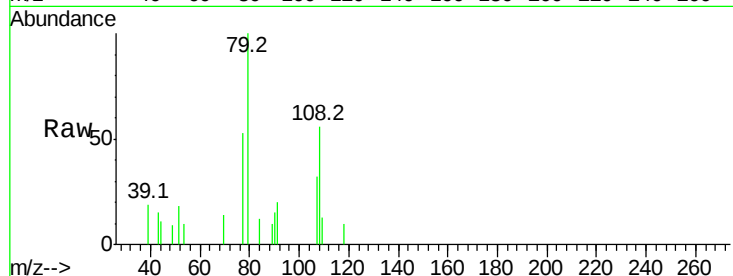
Tot Ion: 79 Resp: 2775

Ion Ratio Lower Upper

79 100

108 55.5 57.2 85.8#

77 53.1 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.381 ng

RT: 8.56 min Scan# 898

Delta R.T. 0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

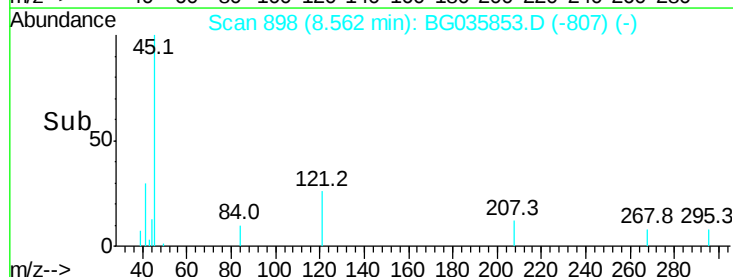
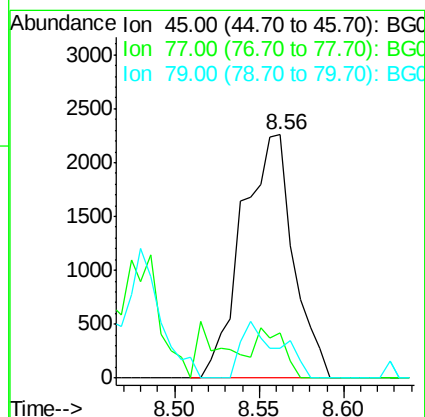
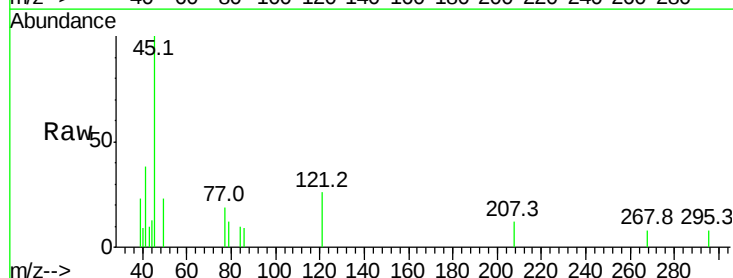
Tgt Ion: 45 Resp: 4741

Ion Ratio Lower Upper

45 100

77 18.6 0.0 30.2

79 12.4 0.0 27.9





#17

2-Methylphenol

Concen: 1.789 ng

RT: 8.48 min Scan# 884

Delta R.T. 0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 3690

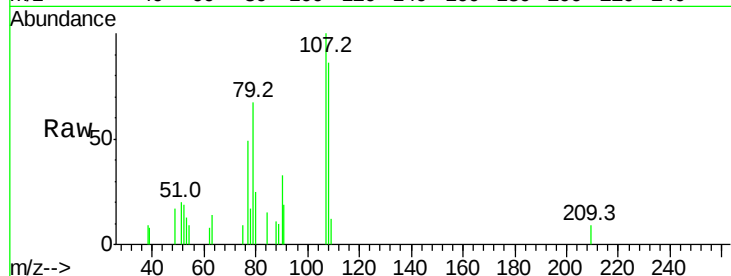
Ion Ratio Lower Upper

107 100

108 86.3 83.9 125.9

77 49.3 37.2 55.8

79 66.8 36.2 54.2#

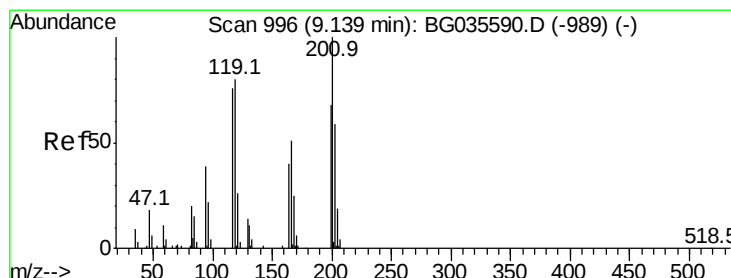
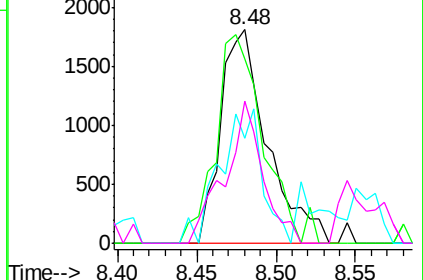
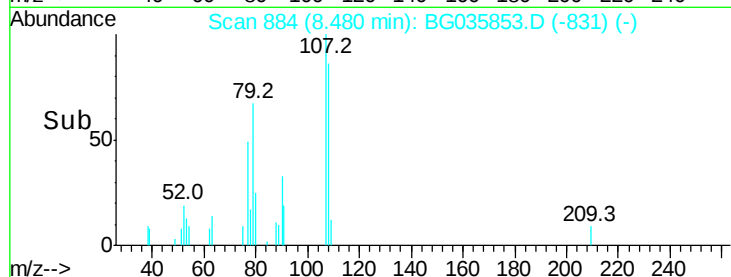


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 1.899 ng

RT: 9.11 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

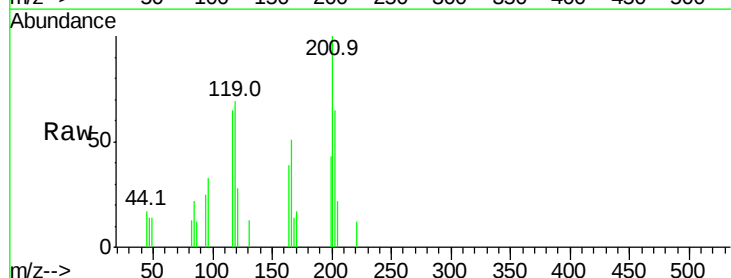
Tgt Ion:117 Resp: 1823

Ion Ratio Lower Upper

117 100

119 105.1 76.7 115.1

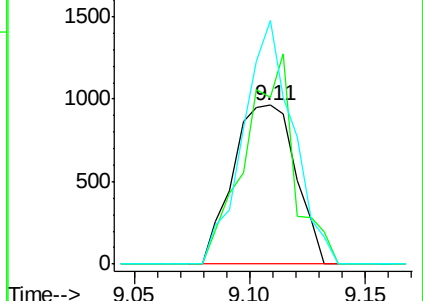
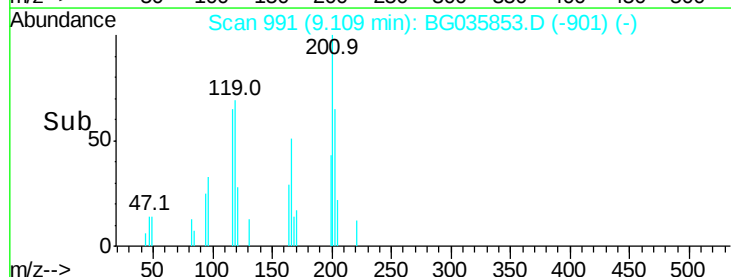
201 153.1 95.7 143.5#

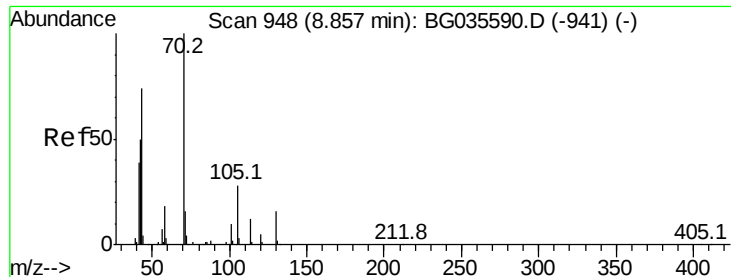


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

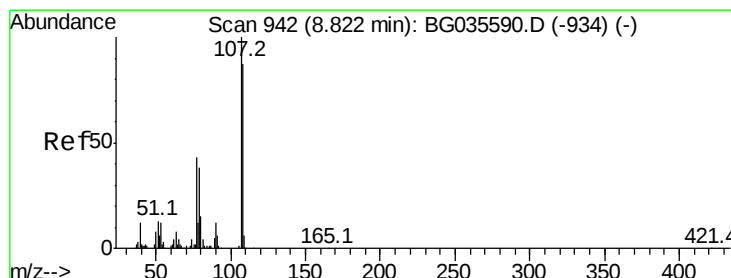
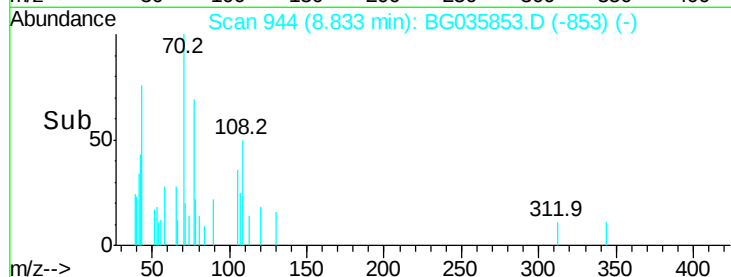
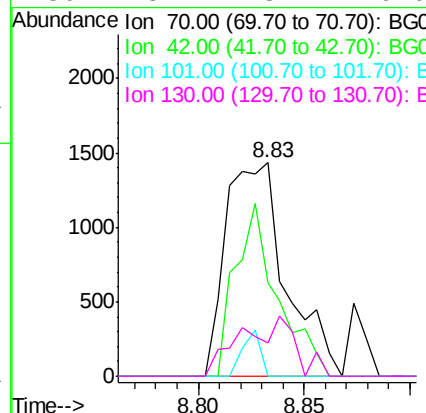
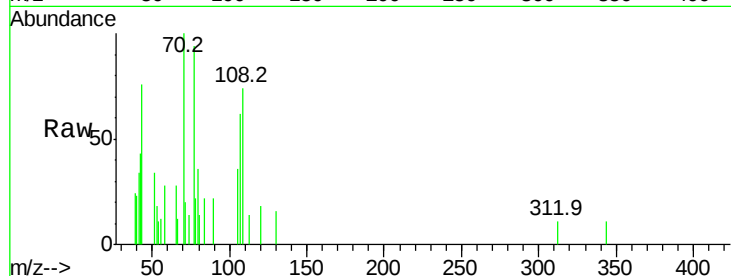




#19
n-Nitroso-di-n-propylamine
Concen: 1.127 ng
RT: 8.83 min Scan# 944
Delta R.T. 0.01 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

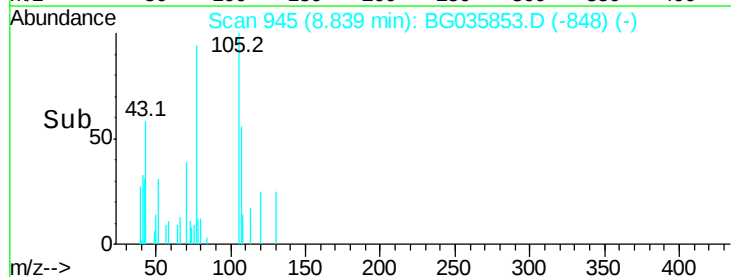
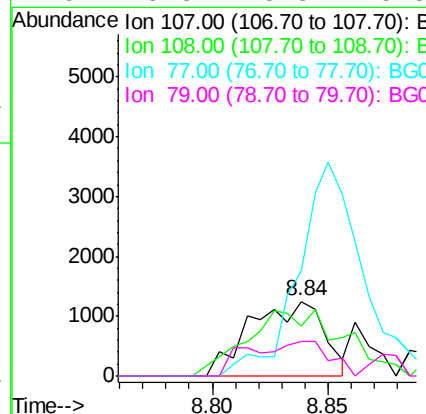
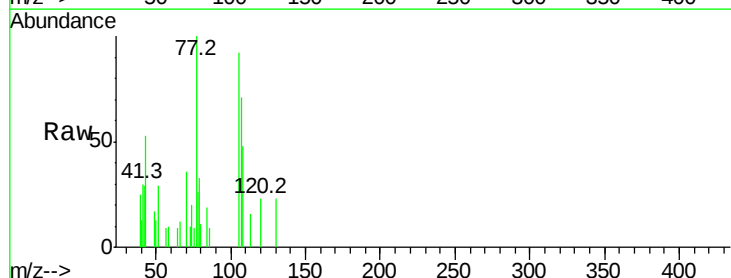
Instrument :
BNA_G
ClientSampleId :

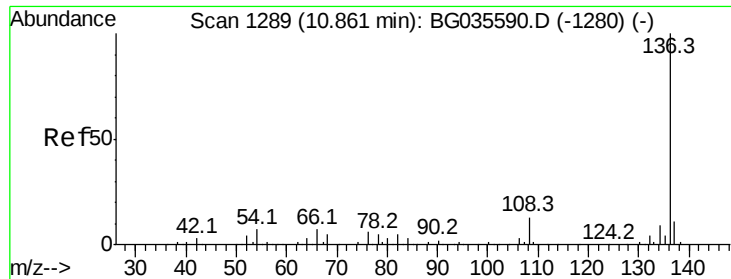
Tot Ion: 70 Resp: 2850
Ion Ratio Lower Upper
70 100
42 43.5 49.1 73.7#
101 0.0 8.5 12.7#
130 15.7 13.4 20.0



#20
3+4-Methylphenols
Concen: 0.966 ng
RT: 8.84 min Scan# 945
Delta R.T. 0.04 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion: 107 Resp: 2763
Ion Ratio Lower Upper
107 100
108 67.4 61.6 101.6
77 140.2 13.9 53.9#
79 45.8 8.8 48.8

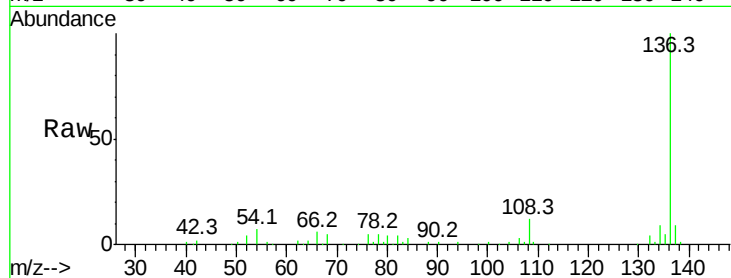




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	119916
Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	6.7	10.3	15.5#
68	4.7	4.5	6.7



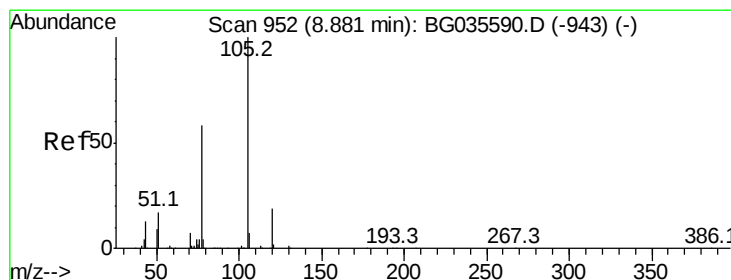
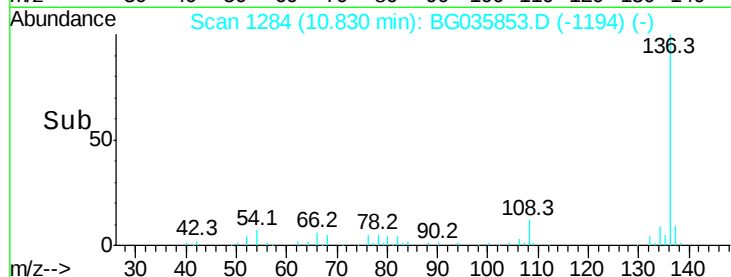
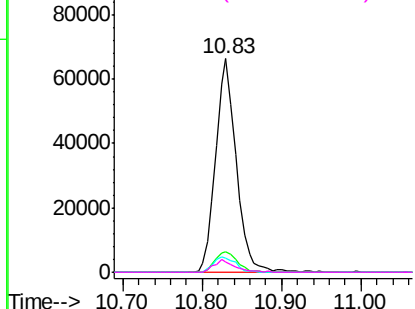
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

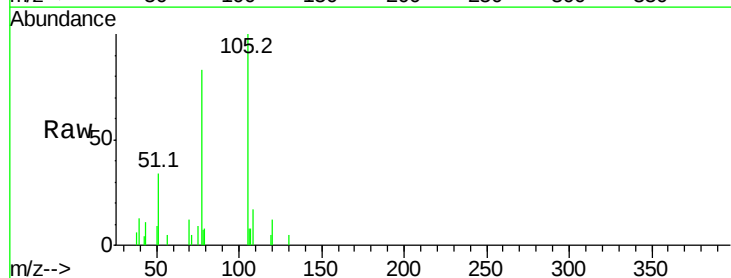
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 1.659 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.01 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion:	105	Resp:	6186
Ion	Ratio	Lower	Upper
105	100		
71	5.4	3.0	4.4#
51	33.7	26.1	39.1
120	12.5	17.4	26.2#



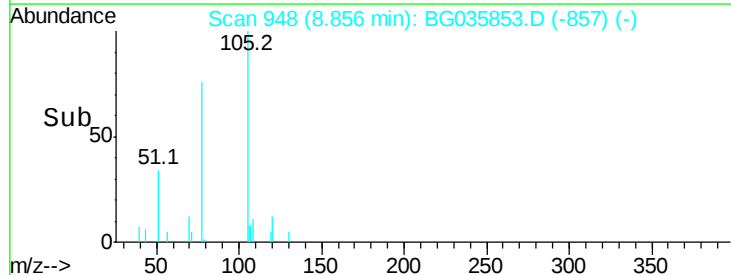
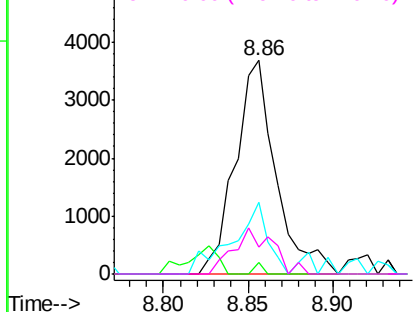
Abundance

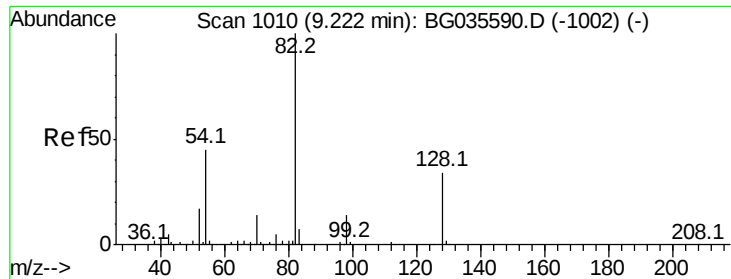
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

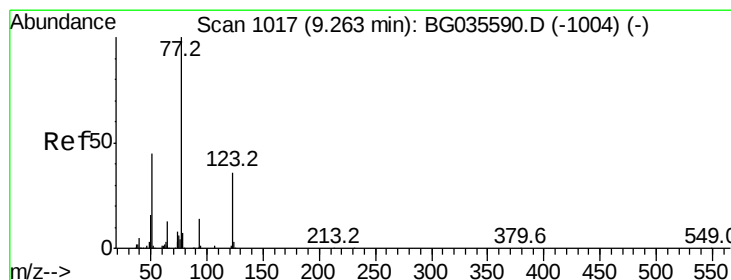
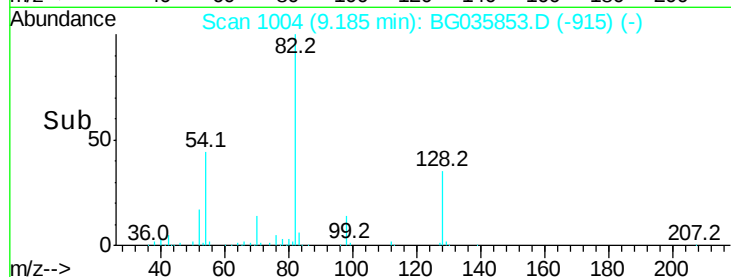
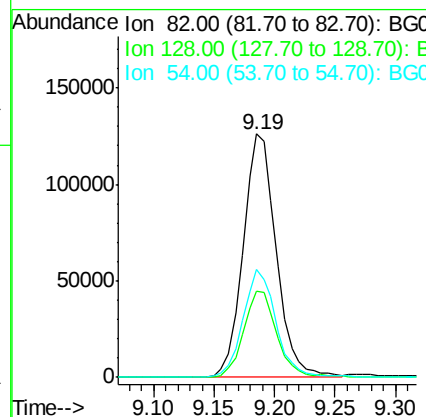
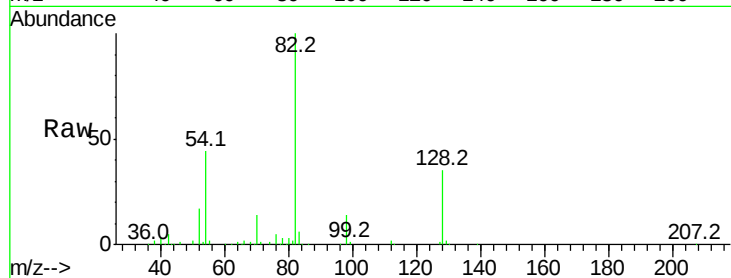




#23
 Nitrobenzene-d5
 Concen: 84.179 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG035853.D
 Acq: 24 Jul 2018 18:38

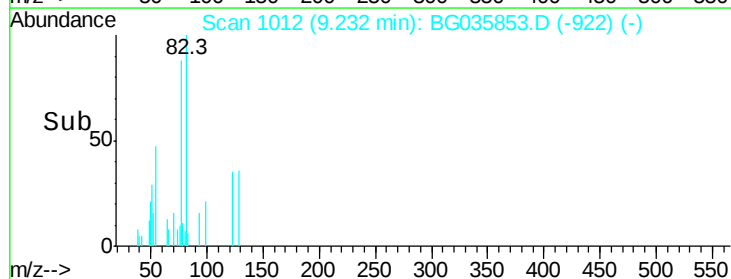
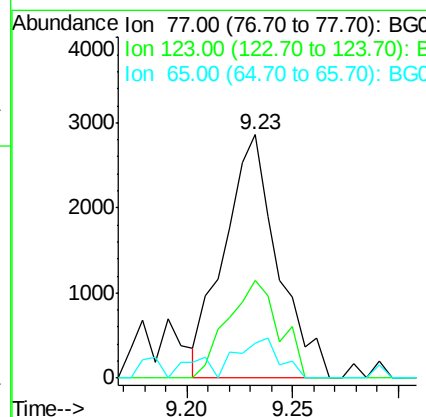
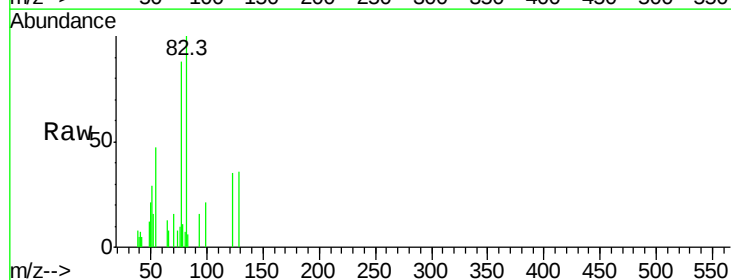
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 241640
 Ion Ratio Lower Upper
 82 100
 128 35.4 29.7 44.5
 54 44.5 43.1 64.7



#24
 Nitrobenzene
 Concen: 1.726 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BG035853.D
 Acq: 24 Jul 2018 18:38

Tgt Ion: 77 Resp: 4983
 Ion Ratio Lower Upper
 77 100
 123 39.9 33.0 49.6
 65 14.2 13.0 19.6





#25

Isophorone

Concen: 1.673 ng

RT: 9.75 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

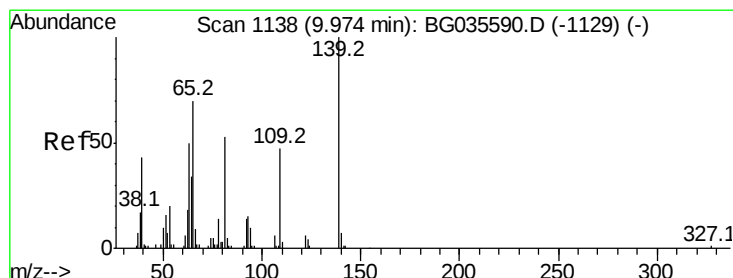
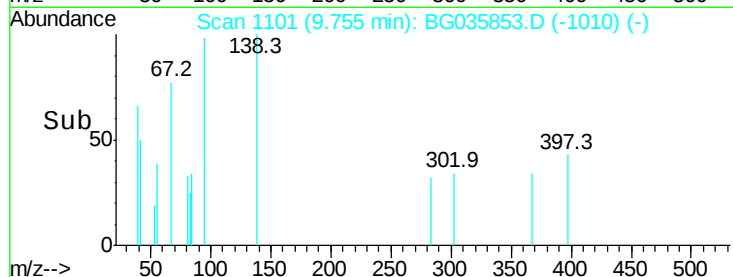
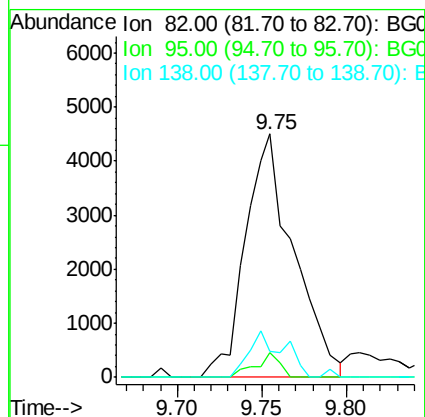
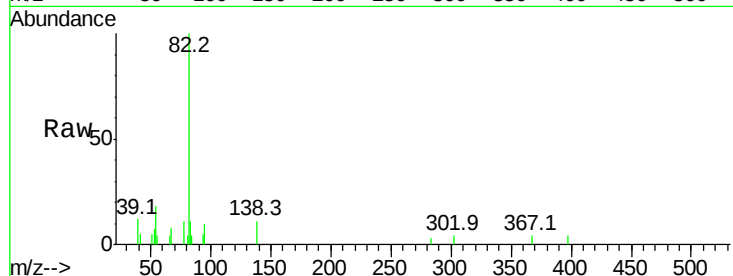
Tot Ion: 82 Resp: 8915

Ion Ratio Lower Upper

82 100

95 10.3 6.2 9.2#

138 10.5 12.1 18.1#



#26

2-Nitrophenol

Concen: 1.619 ng

RT: 9.95 min Scan# 1135

Delta R.T. 0.02 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

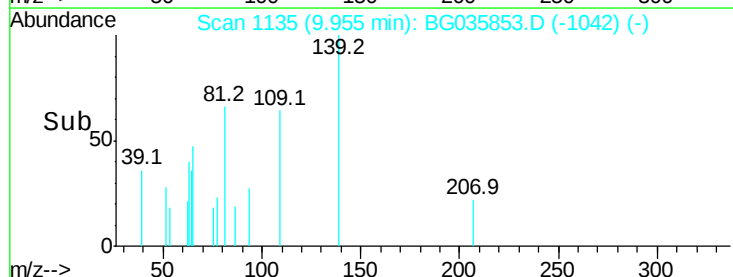
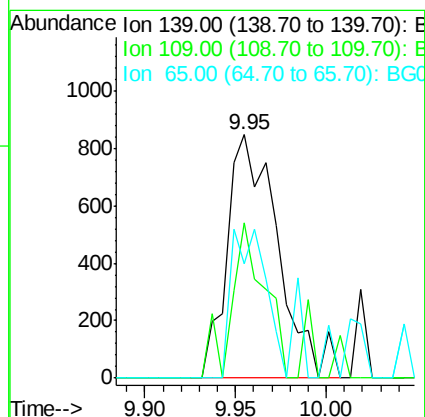
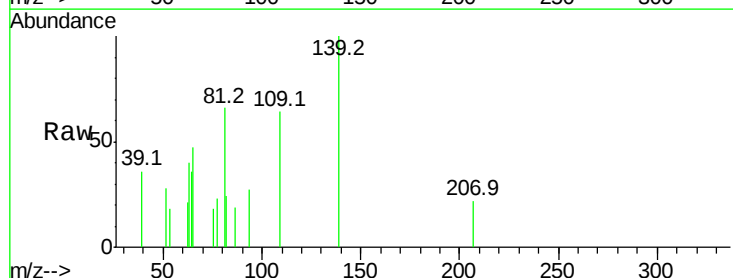
Tgt Ion: 139 Resp: 1660

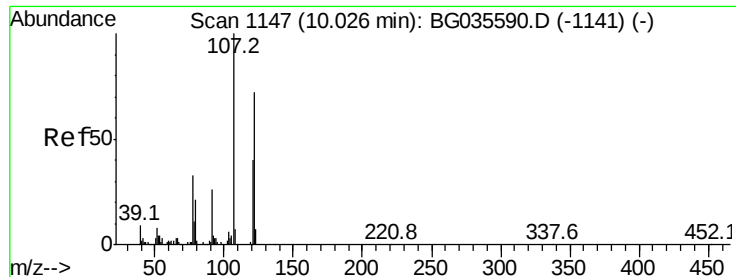
Ion Ratio Lower Upper

139 100

109 63.8 24.2 36.2#

65 47.0 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 1.777 ng

RT: 10.03 min Scan# 1147

Delta R.T. 0.02 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

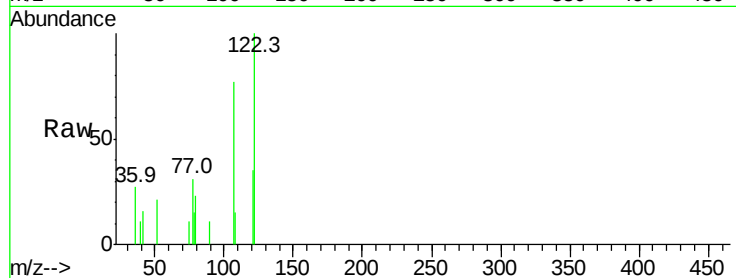
Tot Ion:122 Resp: 3084

Ion Ratio Lower Upper

122 100

107 77.4 100.2 150.2#

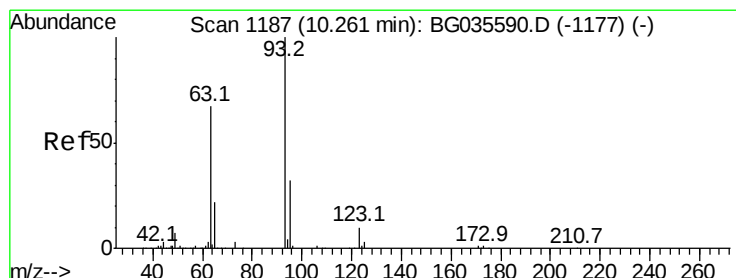
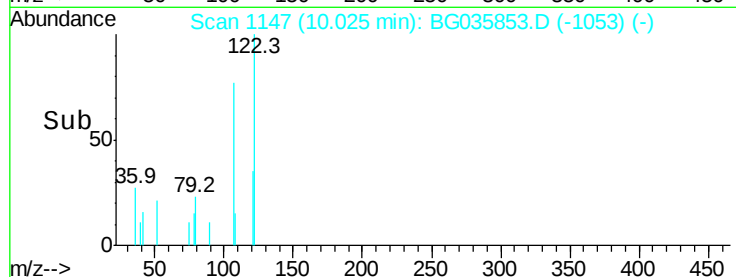
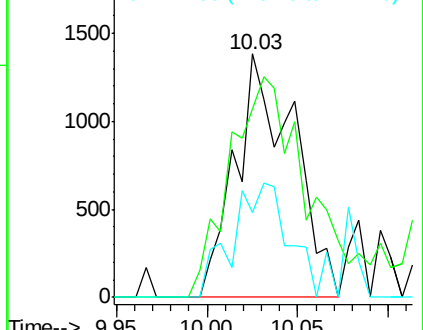
121 34.6 44.4 66.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 1.120 ng

RT: 10.25 min Scan# 1186

Delta R.T. 0.02 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

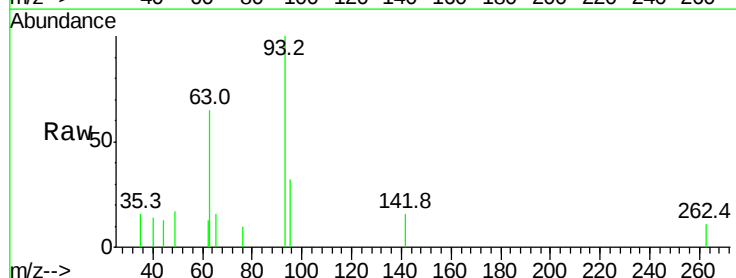
Tgt Ion: 93 Resp: 3290

Ion Ratio Lower Upper

93 100

95 32.1 24.3 36.5

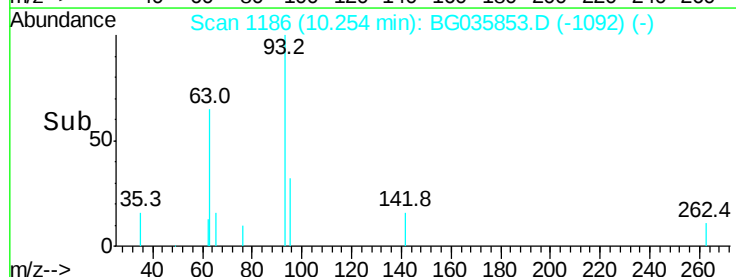
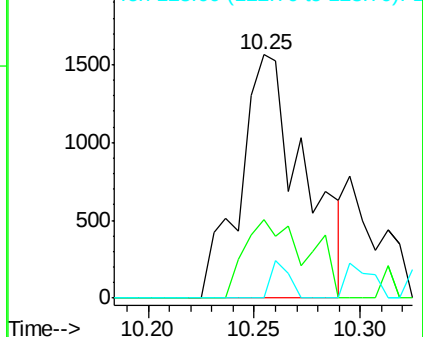
123 0.0 8.4 12.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

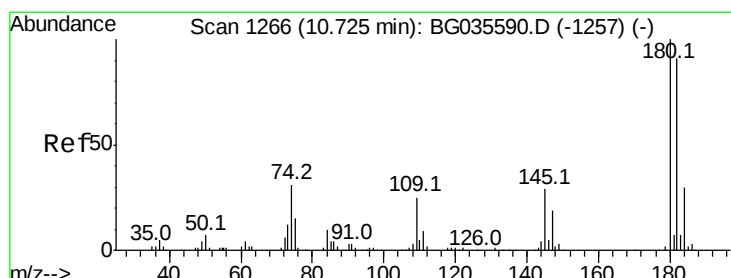
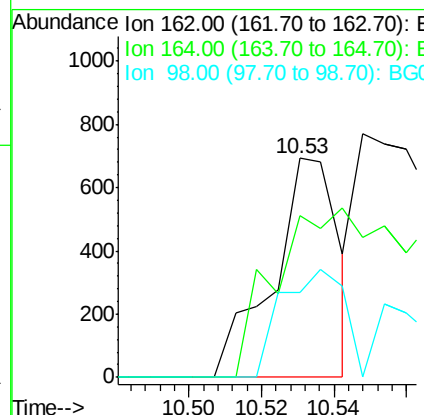
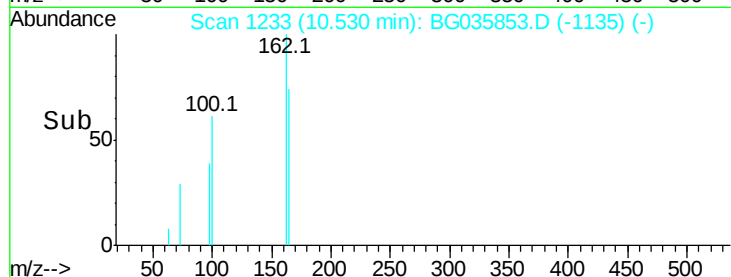
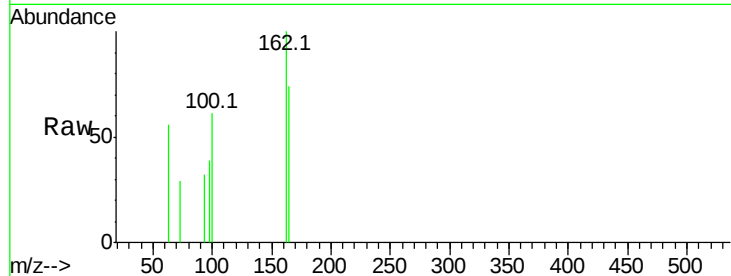




#29
2,4-Dichlorophenol
Concen: 0.440 ng
RT: 10.53 min Scan# 1233
Delta R.T. 0.05 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

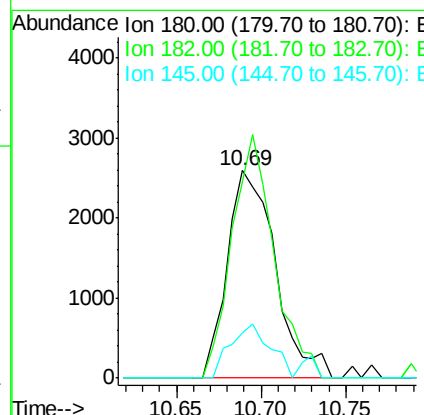
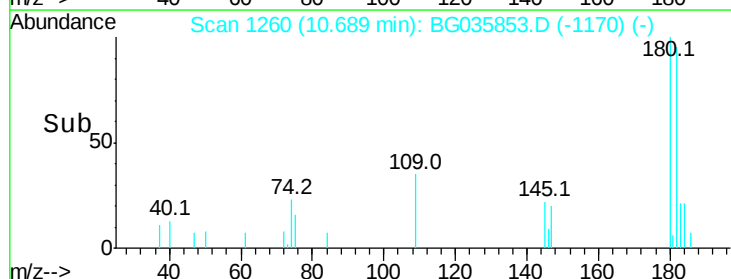
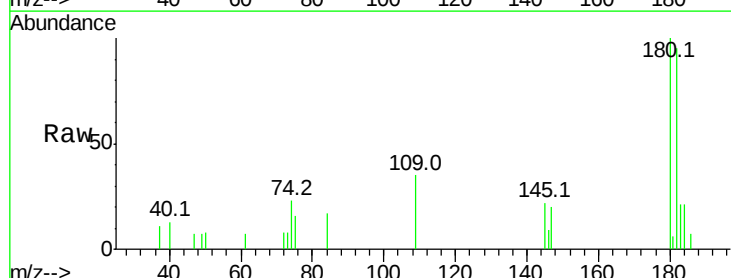
Instrument :
BNA_G
ClientSampleId :

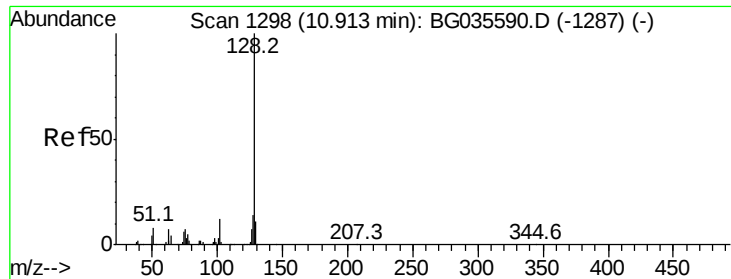
Tot Ion:162 Resp: 871
Ion Ratio Lower Upper
162 100
164 73.6 48.0 88.0
98 38.7 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 2.122 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion:180 Resp: 5155
Ion Ratio Lower Upper
180 100
182 94.6 77.5 116.3
145 21.7 23.4 35.2#

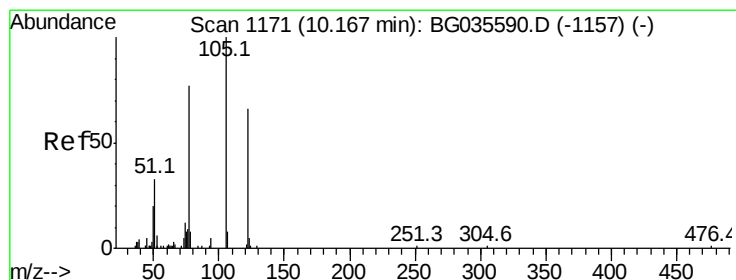
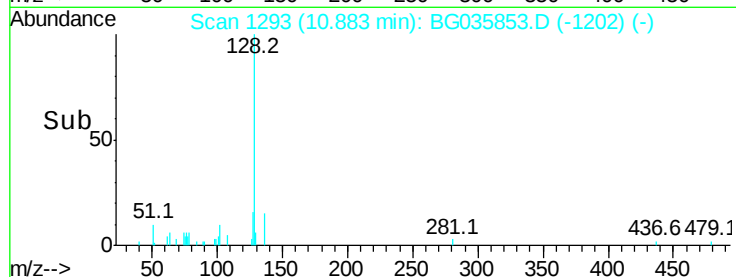
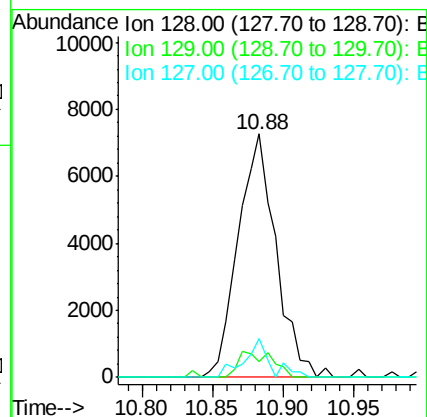
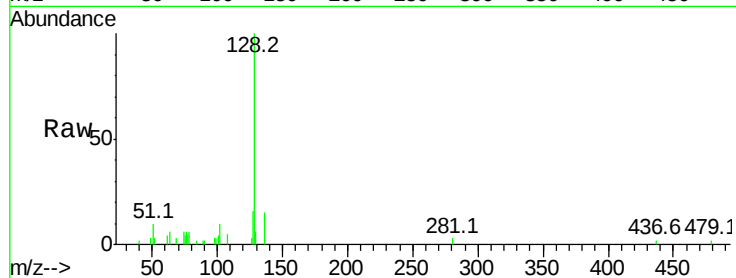




#31
Naphthalene
Concen: 2.178 ng
RT: 10.88 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

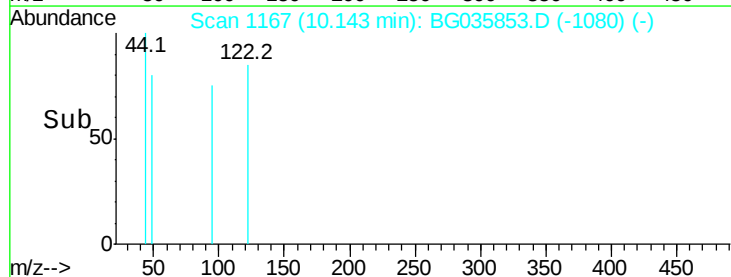
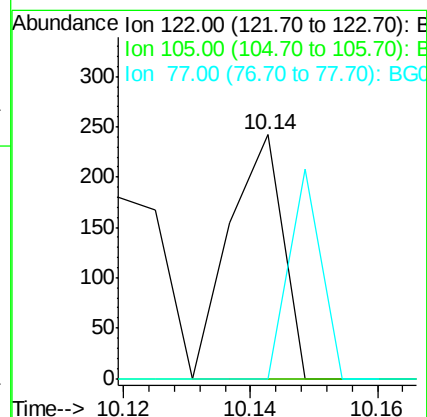
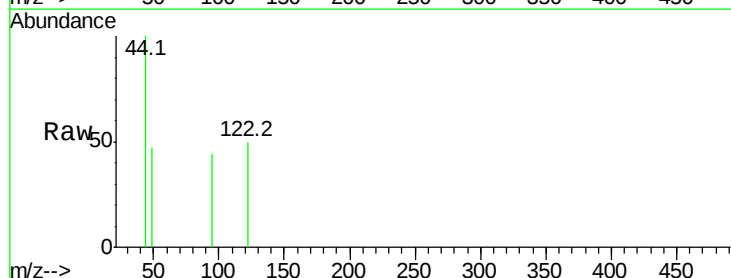
Instrument :
BNA_G
ClientSampleId :

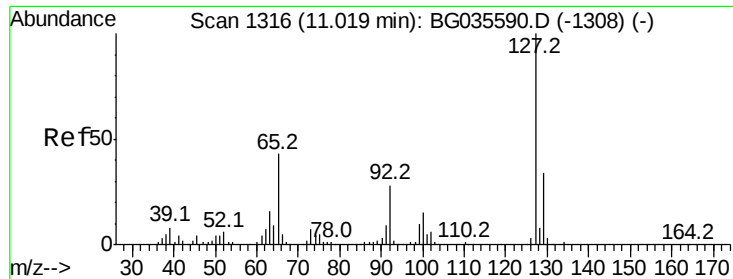
Tot Ion:128 Resp: 13602
Ion Ratio Lower Upper
128 100
129 6.2 8.6 12.8#
127 16.1 11.6 17.4



#32
Benzoic acid
Concen: 0.120 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion:122 Resp: 140
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#

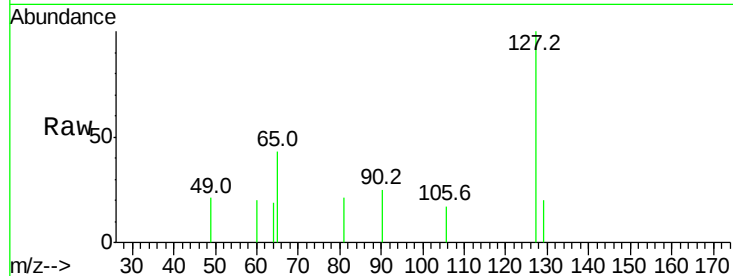




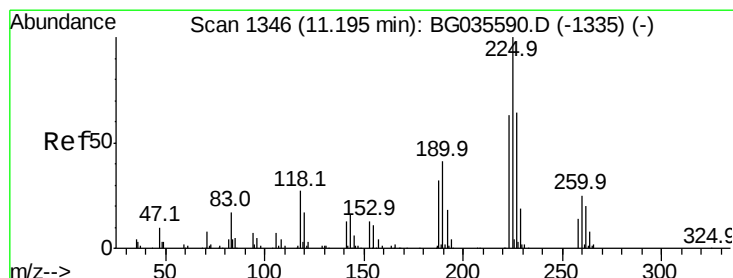
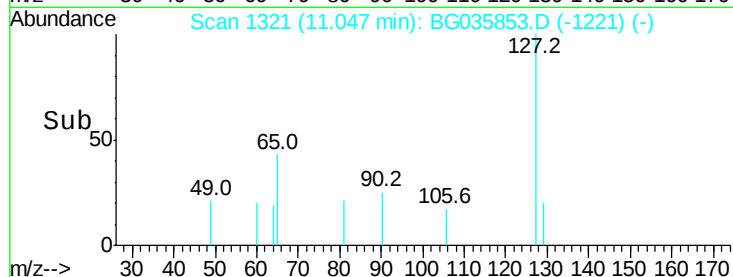
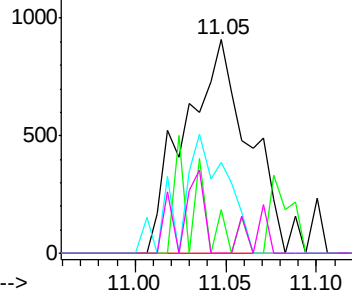
#33
4-Chloroaniline
Concen: 0.816 ng
RT: 11.05 min Scan# 1321
Delta R.T. 0.06 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 2222
Ion Ratio Lower Upper
127 100
129 20.4 24.0 36.0#
65 42.7 27.0 40.4#
92 0.0 16.6 25.0#

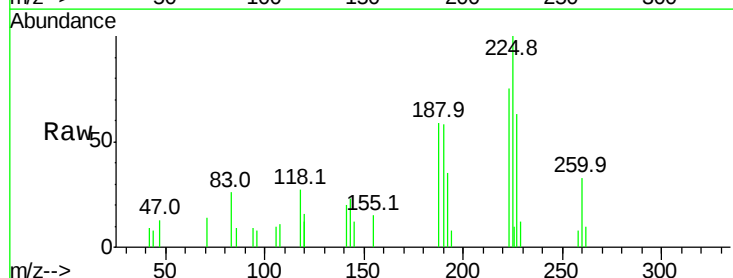


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

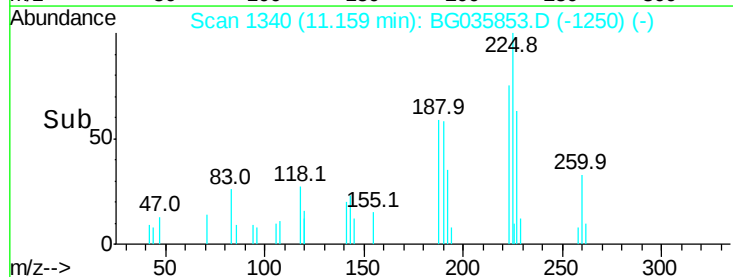
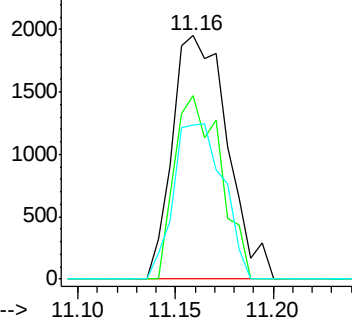


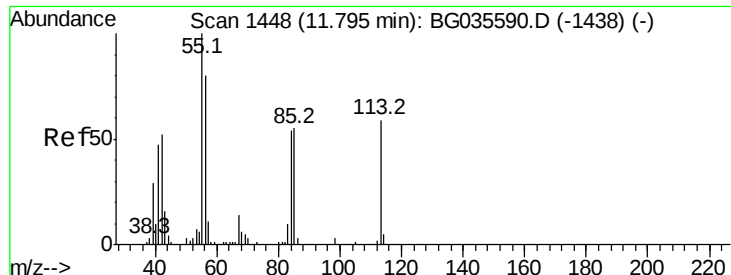
#34
Hexachlorobutadiene
Concen: 2.005 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion:225 Resp: 3799
Ion Ratio Lower Upper
225 100
223 75.4 49.7 74.5#
227 63.2 48.1 72.1



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





#35

Caprolactam

Concen: 0.419 ng

RT: 11.81 min Scan# 1450

Delta R.T. 0.04 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampled :

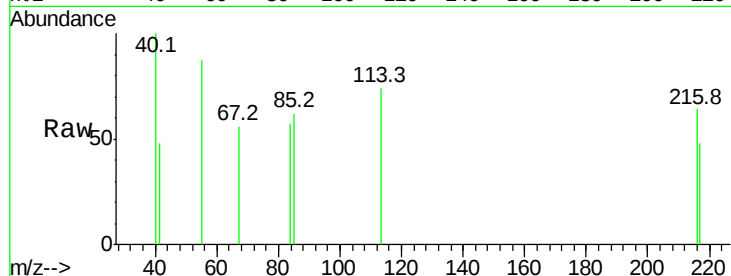
Tot Ion:113 Resp: 356

Ion Ratio Lower Upper

113 100

55 117.2 186.9 226.9#

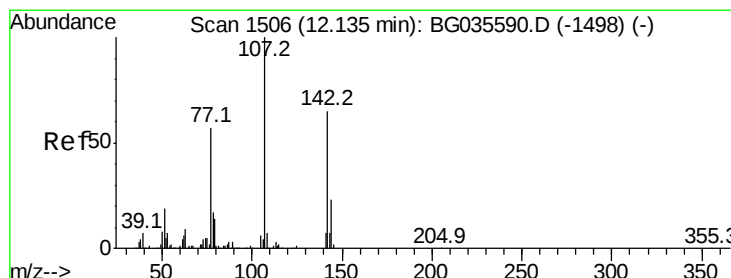
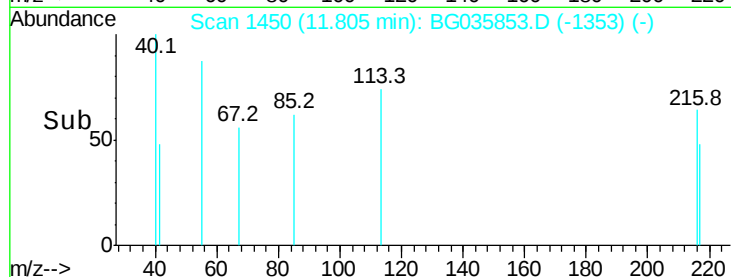
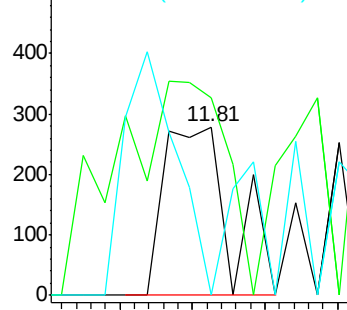
56 0.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 1.307 ng

RT: 12.14 min Scan# 1507

Delta R.T. 0.03 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

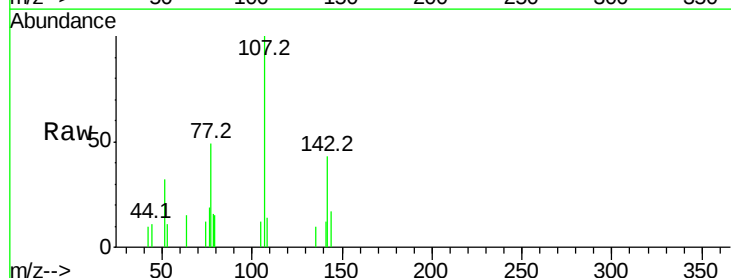
Tgt Ion:107 Resp: 3472

Ion Ratio Lower Upper

107 100

144 16.6 18.2 27.4#

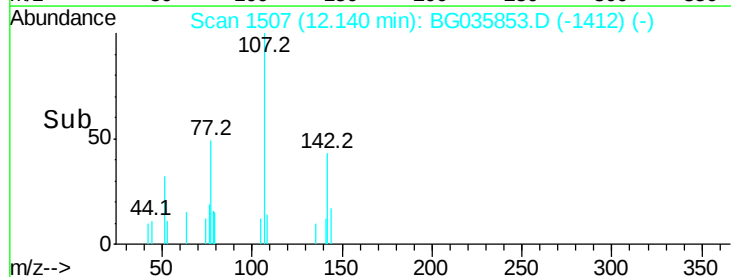
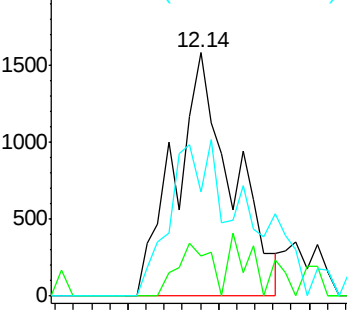
142 42.9 59.0 88.4#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

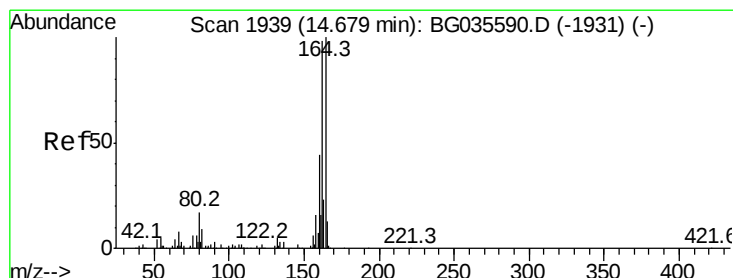
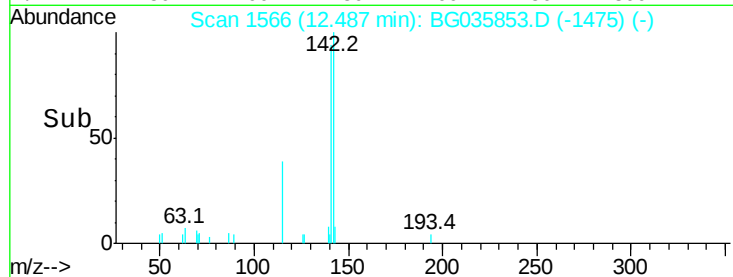
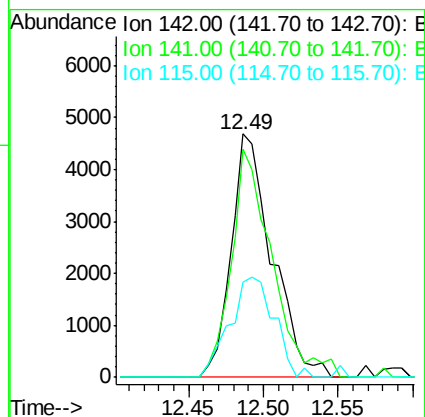
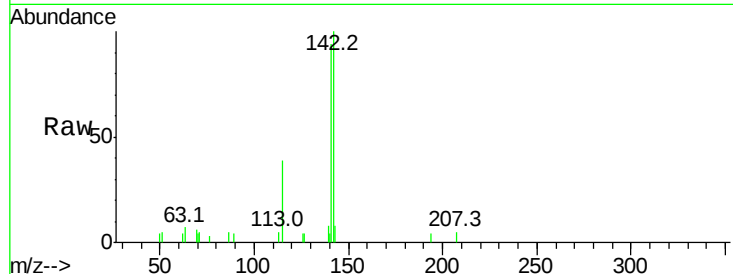




#37
2-Methylnaphthalene
Concen: 1.921 ng
RT: 12.49 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

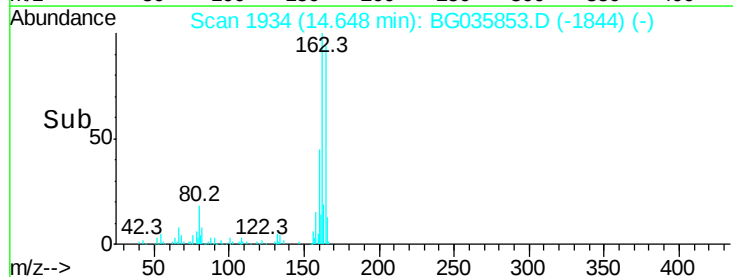
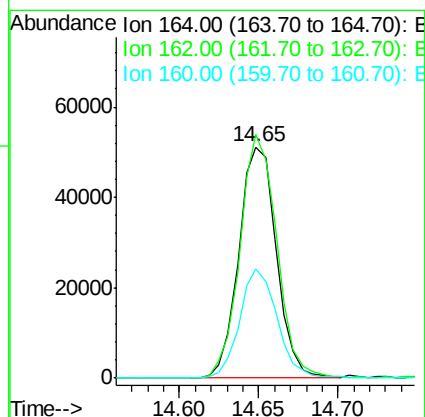
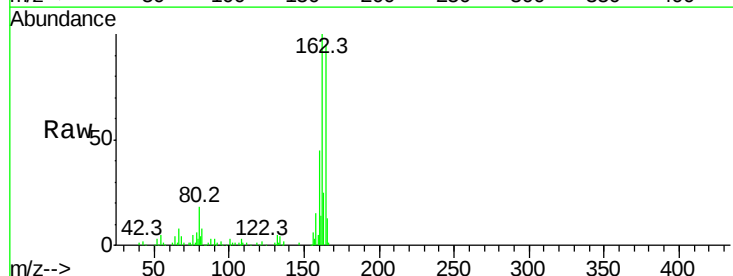
Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 8938
Ion Ratio Lower Upper
142 100
141 93.8 67.1 100.7
115 38.8 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion:164 Resp: 84075
Ion Ratio Lower Upper
164 100
162 105.4 78.8 118.2
160 47.4 35.4 53.0

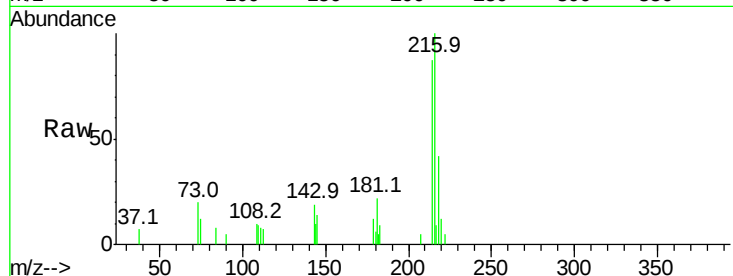




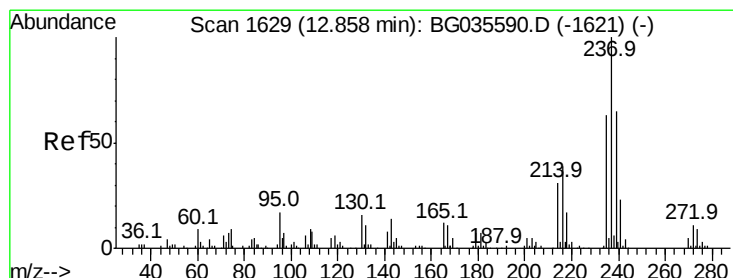
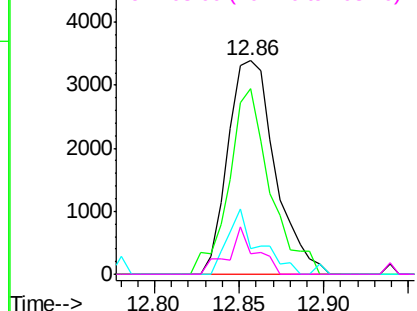
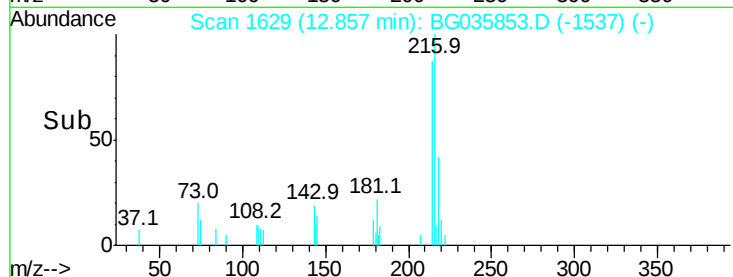
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.074 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. 0.01 min
 Lab File: BG035853.D
 Acq: 24 Jul 2018 18:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	6582
Ion	Ratio	Lower	Upper
216	100		
214	75.4	63.0	94.4
179	19.9	17.0	25.6
108	12.9	12.8	19.2

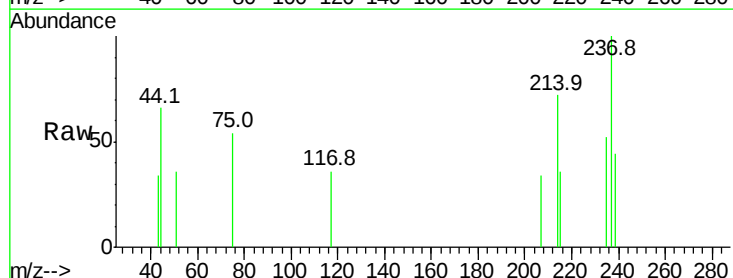


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

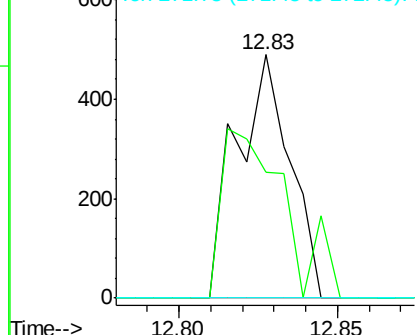
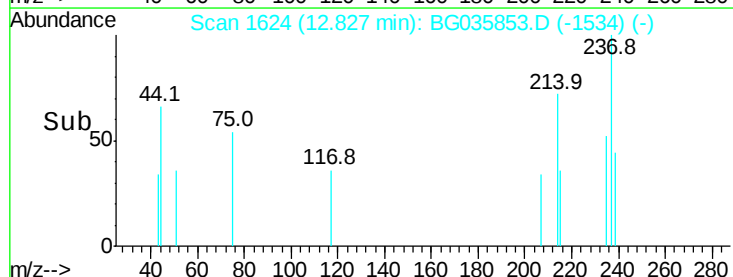


#40
 Hexachlorocyclopentadiene
 Concen: 0.346 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BG035853.D
 Acq: 24 Jul 2018 18:38

Tgt Ion:	237	Resp:	575
Ion	Ratio	Lower	Upper
237	100		
235	51.6	50.4	90.4
272	0.0	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

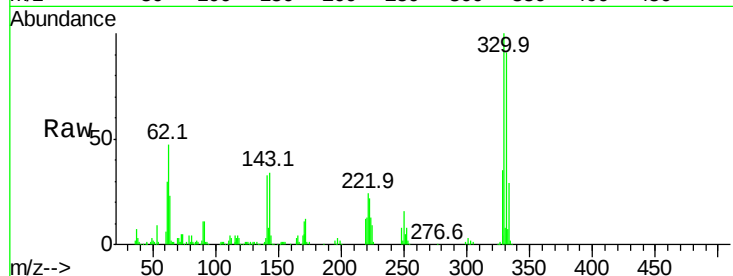




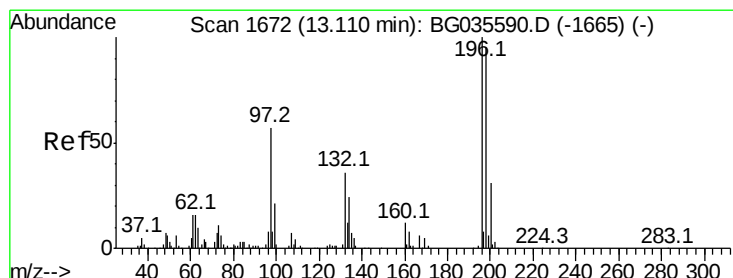
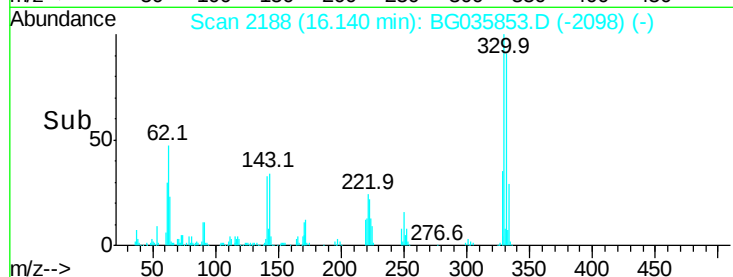
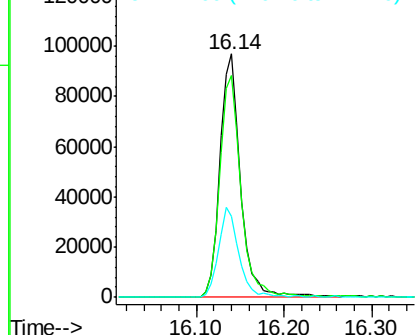
#41
2,4,6-Tribromophenol
Concen: 143.123 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:330 Resp: 158604
Ion Ratio Lower Upper
330 100
332 94.2 77.0 115.6
141 36.5 25.2 37.8

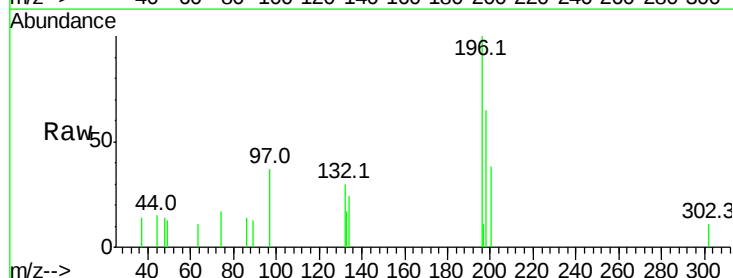


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

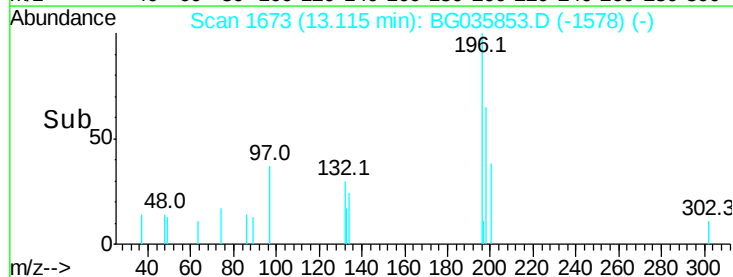
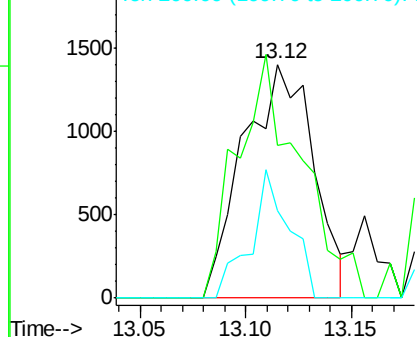


#42
2,4,6-Trichlorophenol
Concen: 1.739 ng
RT: 13.12 min Scan# 1673
Delta R.T. 0.03 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion:196 Resp: 3227
Ion Ratio Lower Upper
196 100
198 65.1 78.2 117.2#
200 37.7 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

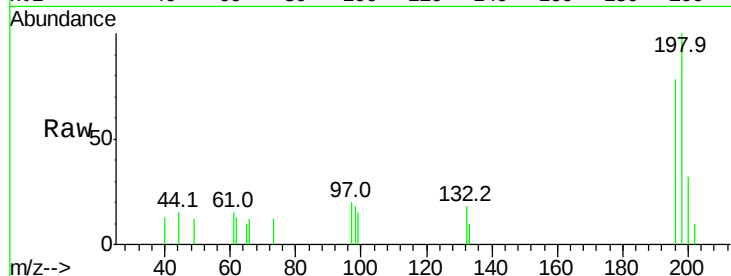




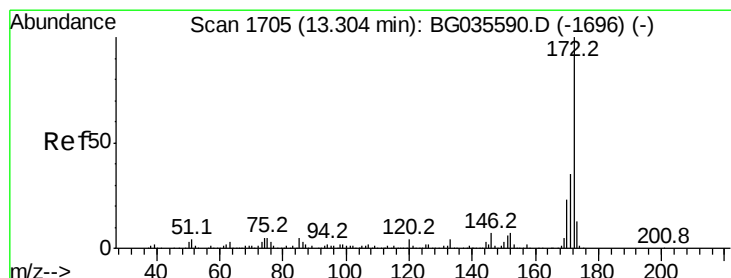
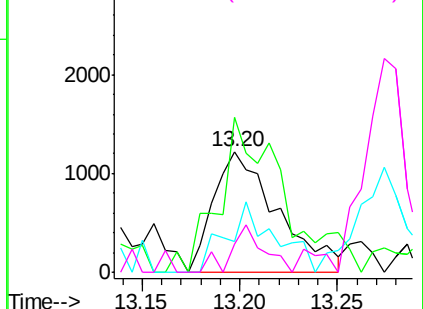
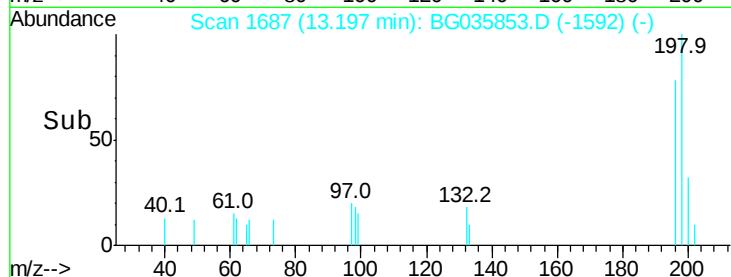
#43
 2,4,5-Trichlorophenol
 Concen: 1.329 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. 0.03 min
 Lab File: BG035853.D
 Acq: 24 Jul 2018 18:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 2760
 Ion Ratio Lower Upper
 196 100
 198 128.9 76.2 114.4#
 97 25.9 38.7 58.1#
 132 23.4 20.2 30.2

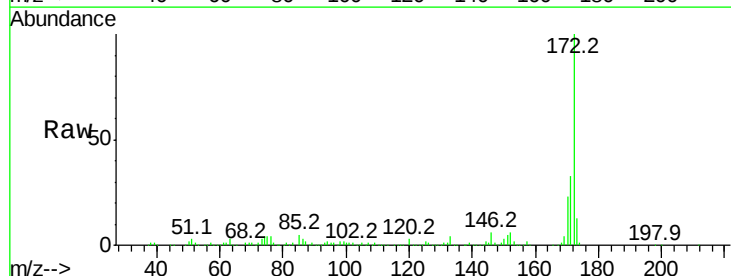


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

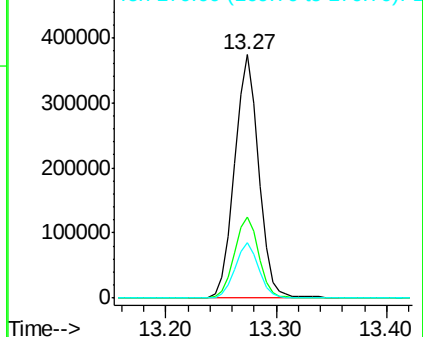
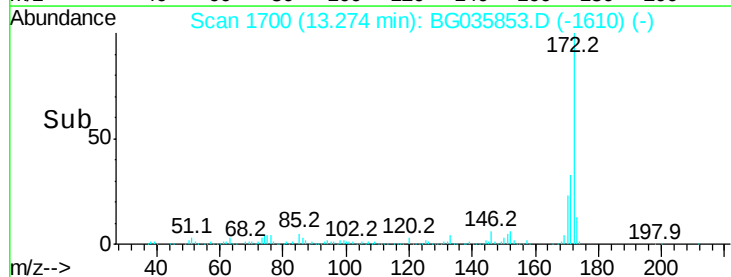


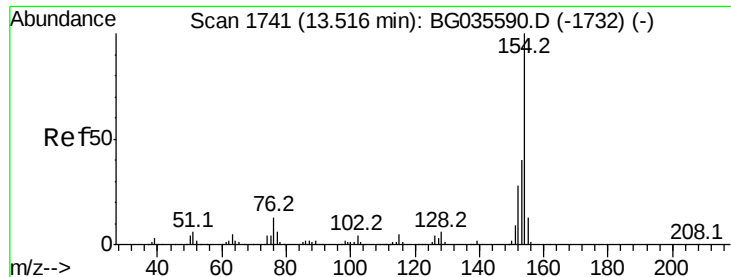
#44
 2-Fluorobiphenyl
 Concen: 92.004 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035853.D
 Acq: 24 Jul 2018 18:38

Tgt Ion:172 Resp: 577371
 Ion Ratio Lower Upper
 172 100
 171 33.4 30.0 45.0
 170 23.0 19.5 29.3



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





#45

1,1'-Biphenyl

Concen: 2.142 ng

RT: 13.49 min Scan# 1737

Delta R.T. 0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

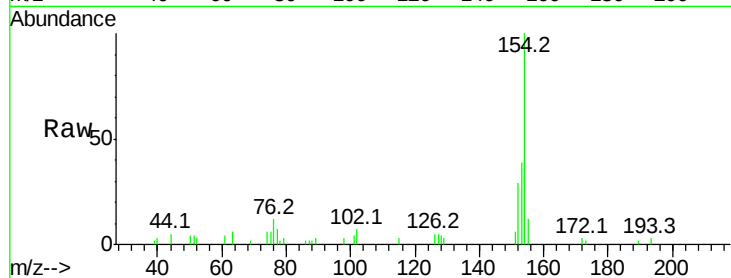
Tot Ion:154 Resp: 13959

Ion Ratio Lower Upper

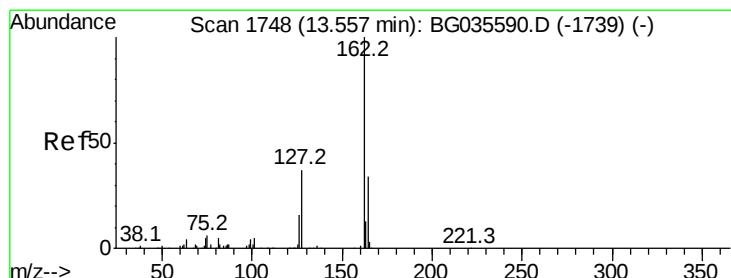
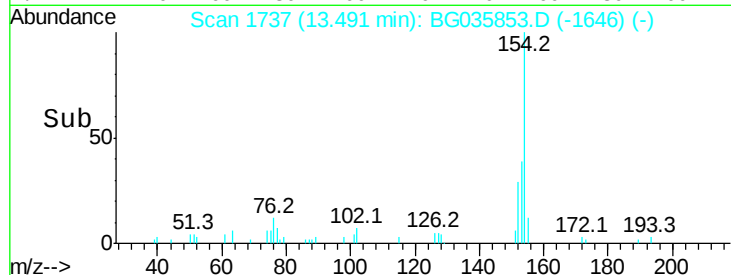
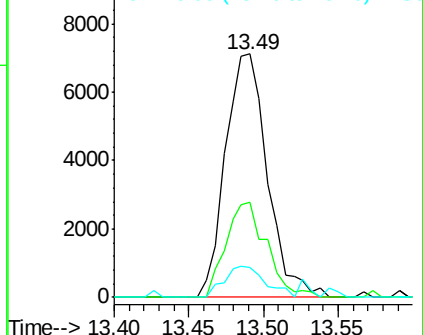
154 100

153 39.1 19.8 59.8

76 12.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 2.029 ng

RT: 13.53 min Scan# 1743

Delta R.T. -0.00 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

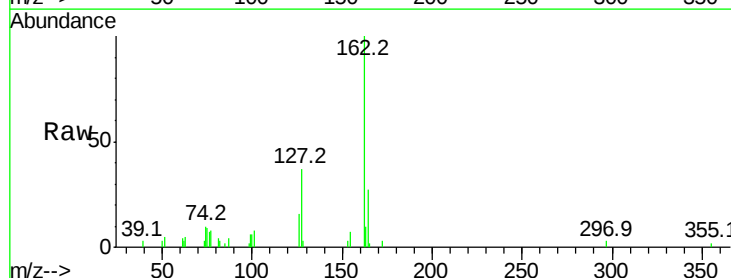
Tgt Ion:162 Resp: 10288

Ion Ratio Lower Upper

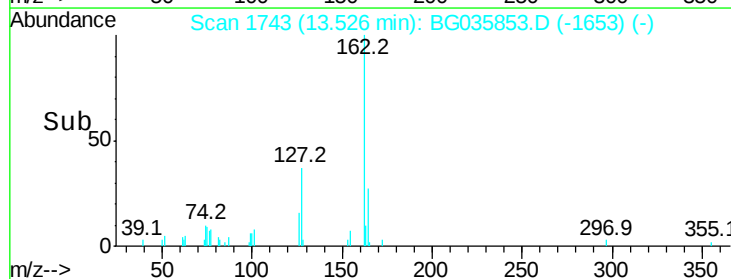
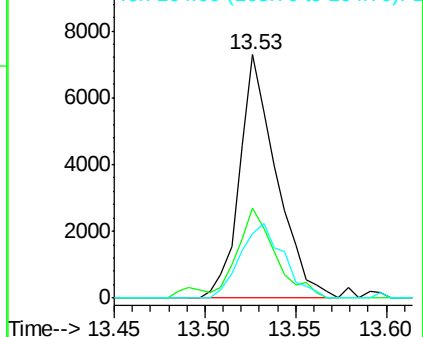
162 100

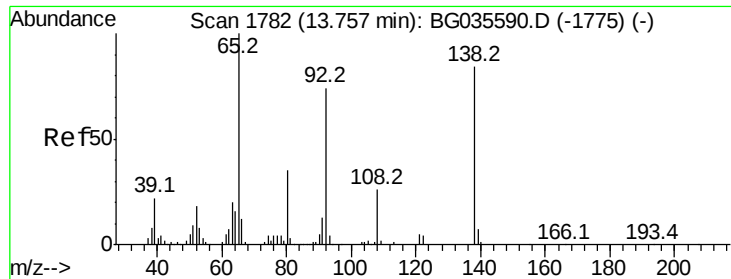
127 37.1 30.7 46.1

164 26.7 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

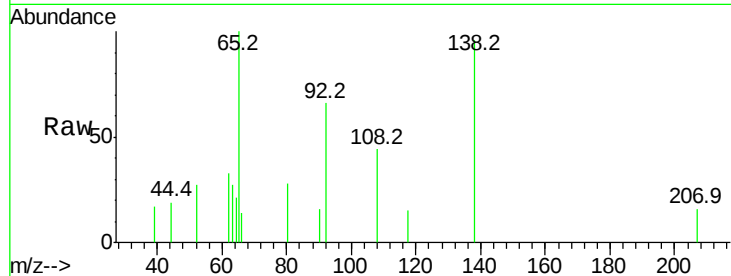




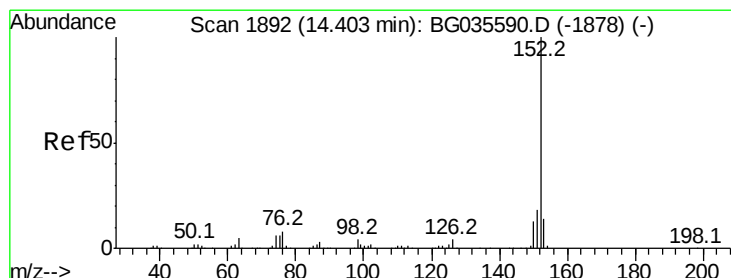
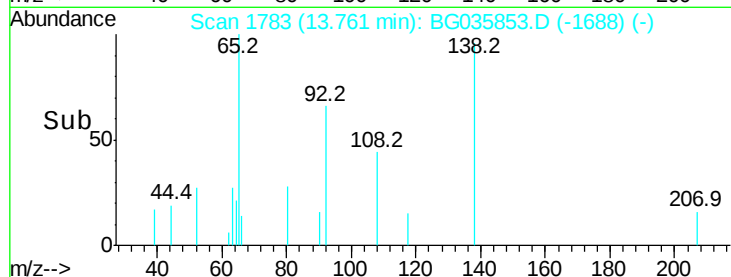
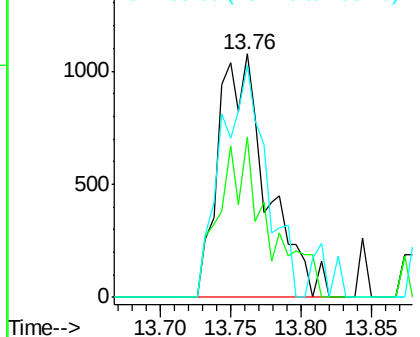
#47
2-Nitroaniline
Concen: 1.438 ng
RT: 13.76 min Scan# 1783
Delta R.T. 0.03 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 2577
Ion Ratio Lower Upper
65 100
92 66.0 54.6 82.0
138 95.5 72.9 109.3

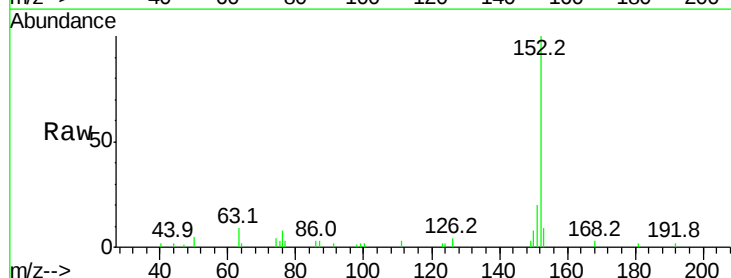


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

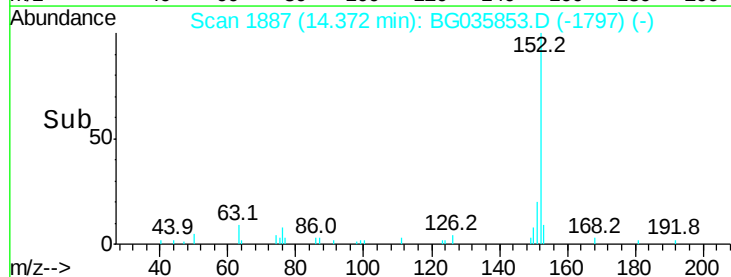
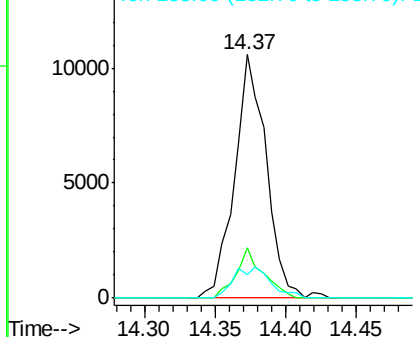


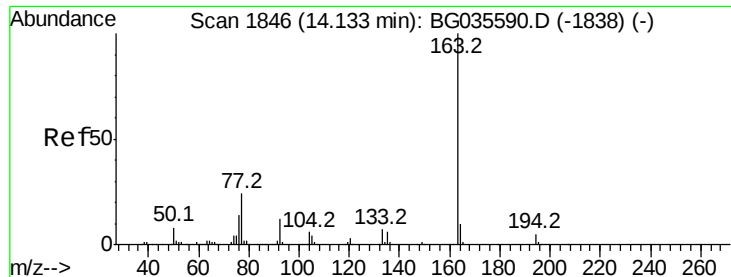
#48
Acenaphthylene
Concen: 1.950 ng
RT: 14.37 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion: 152 Resp: 16562
Ion Ratio Lower Upper
152 100
151 20.5 17.2 25.8
153 9.4 10.2 15.4#



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

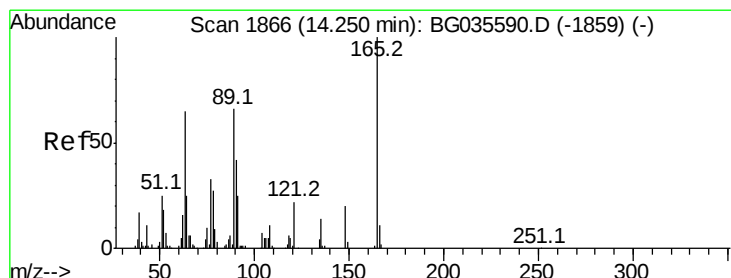
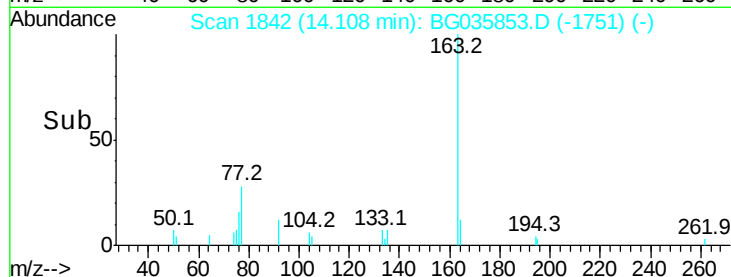
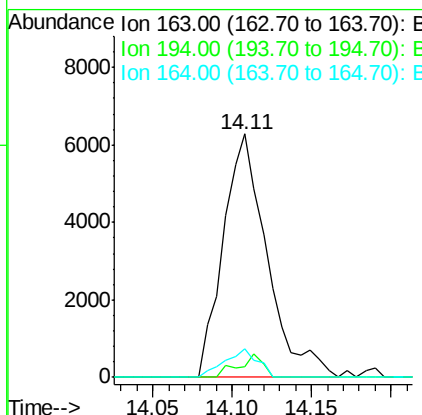
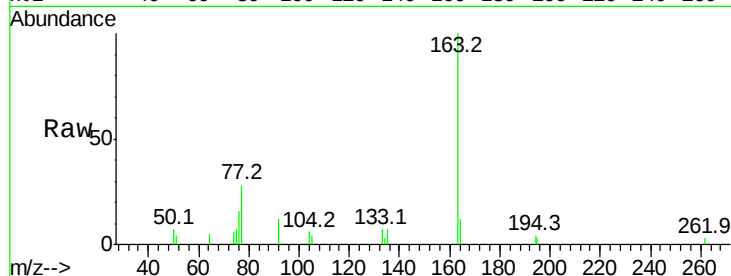




#49
Dimethylphthalate
Concen: 1.634 ng
RT: 14.11 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

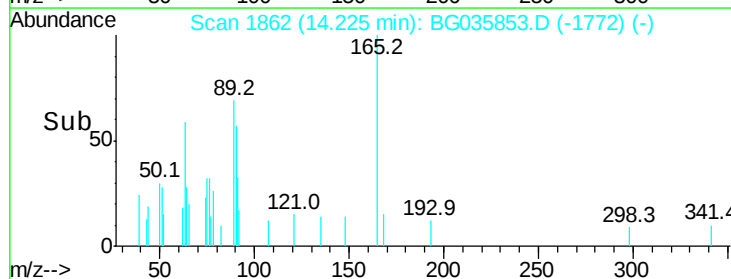
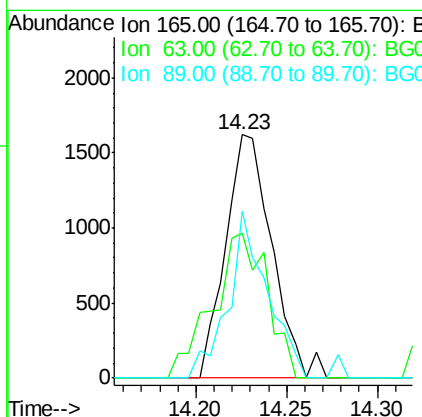
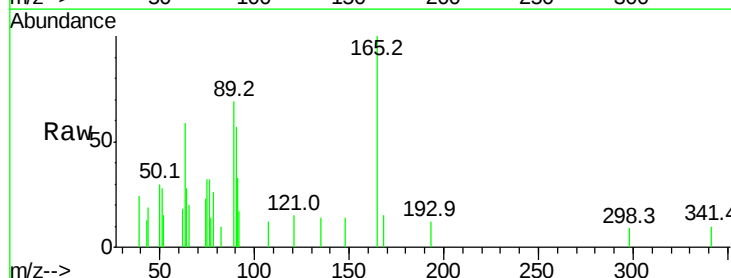
Instrument :
BNA_G
ClientSampleId :

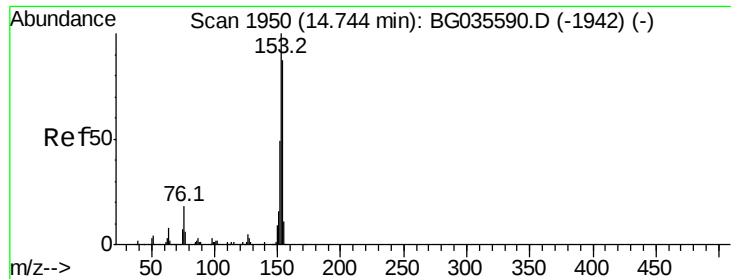
Tot Ion:163 Resp: 12039
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 12.0 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 1.921 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion:165 Resp: 2882
Ion Ratio Lower Upper
165 100
63 59.5 52.7 79.1
89 68.6 49.2 73.8





#51

Acenaphthene

Concen: 1.947 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampled :

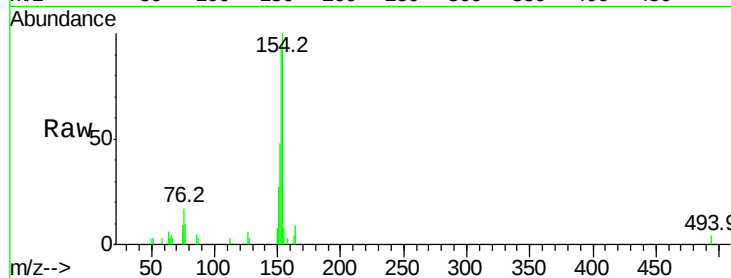
Tot Ion:154 Resp: 10301

Ion Ratio Lower Upper

154 100

153 93.0 90.4 135.6

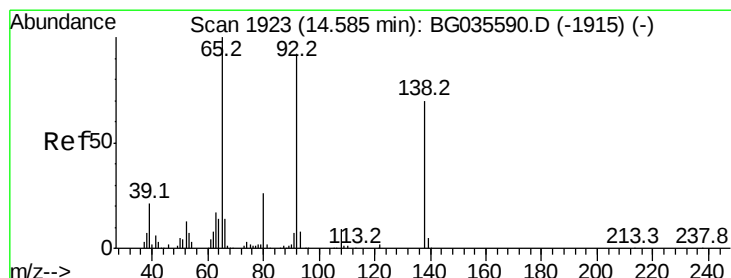
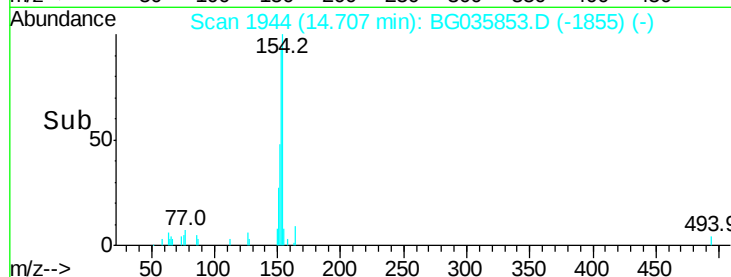
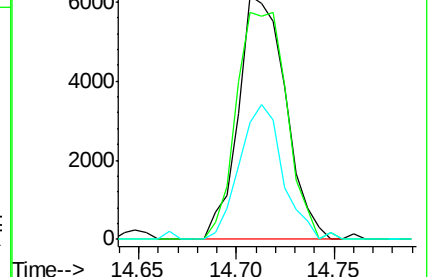
152 47.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.656 ng

RT: 14.61 min Scan# 1927

Delta R.T. 0.05 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

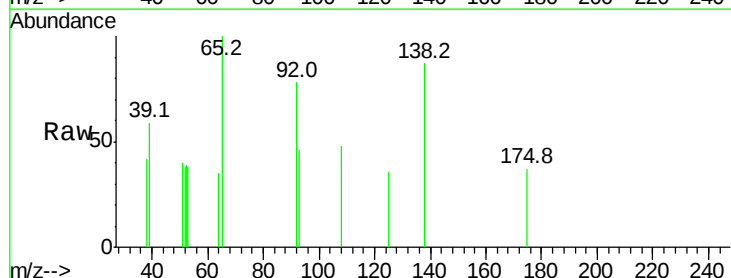
Tgt Ion:138 Resp: 1006

Ion Ratio Lower Upper

138 100

108 55.7 17.5 26.3#

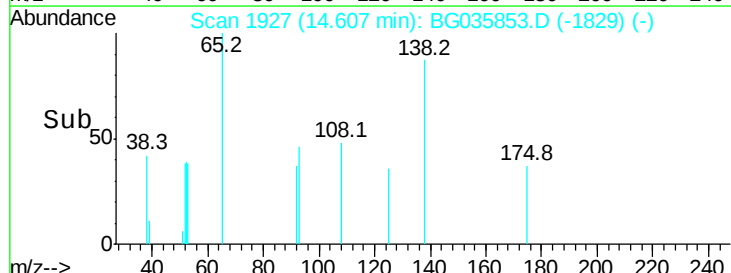
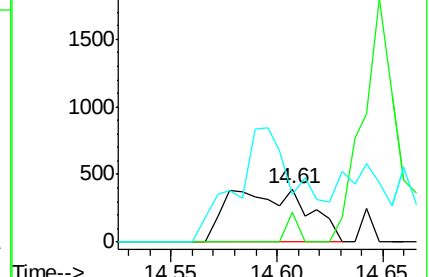
92 90.3 105.8 158.8#

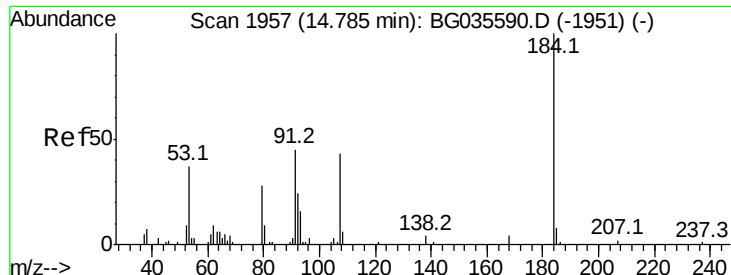


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

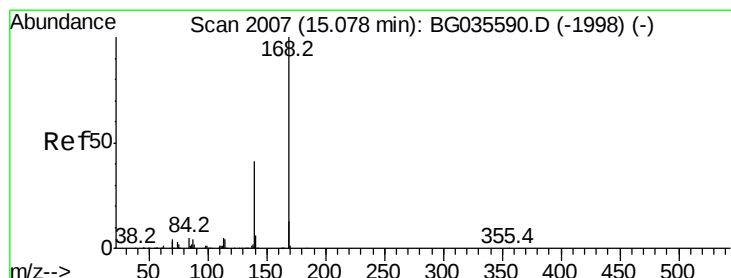
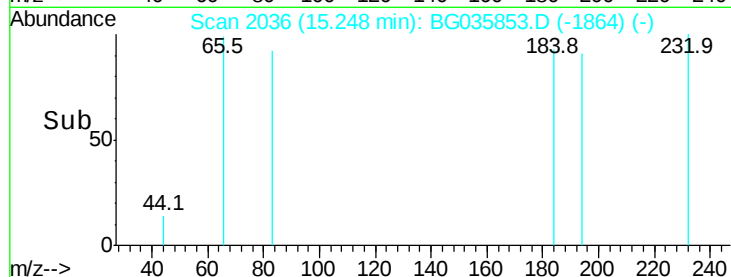
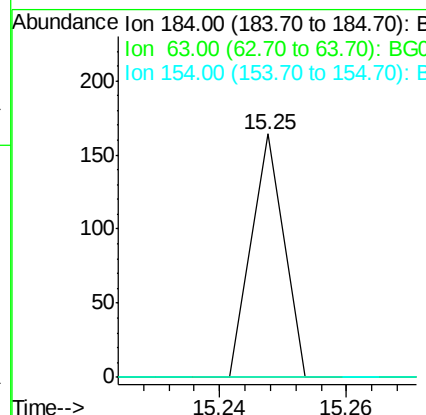
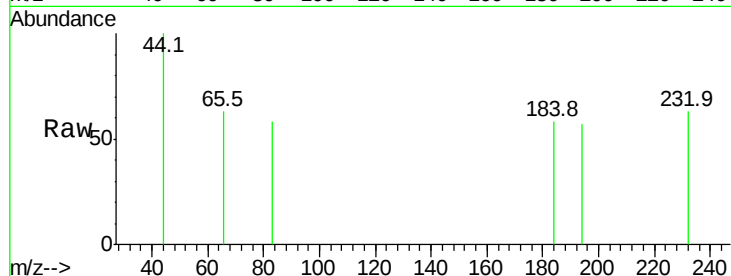




#53
2,4-Dinitrophenol
Concen: 6.651 ng
RT: 15.25 min Scan# 2036
Delta R.T. 0.48 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

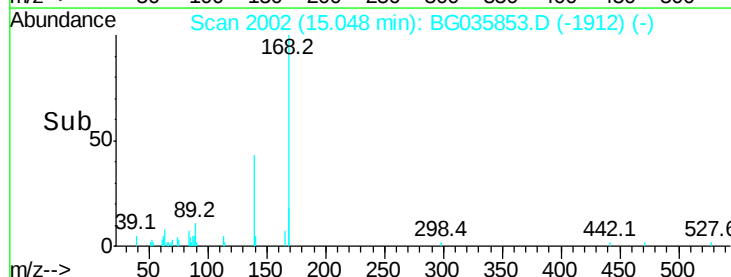
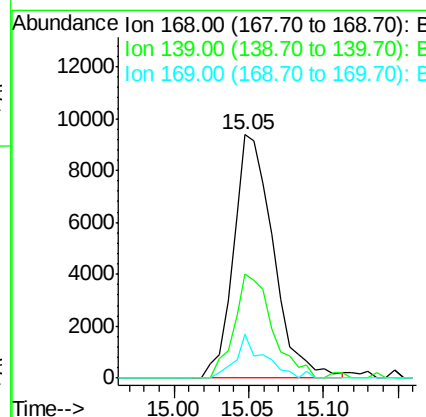
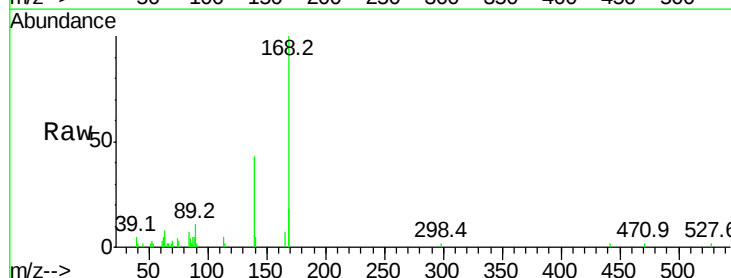
Instrument :
BNA_G
ClientSampleId :

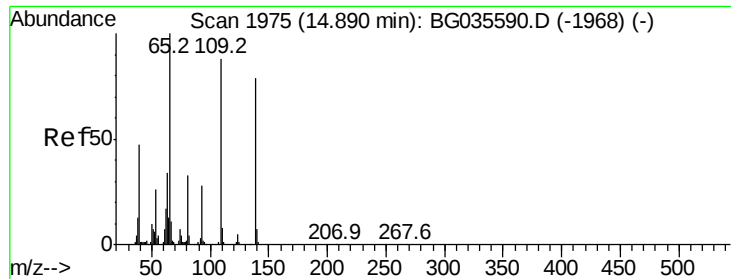
Tot Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



#54
Dibenzofuran
Concen: 2.059 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion:168 Resp: 17329
Ion Ratio Lower Upper
168 100
139 42.7 28.6 43.0
169 17.8 11.2 16.8#

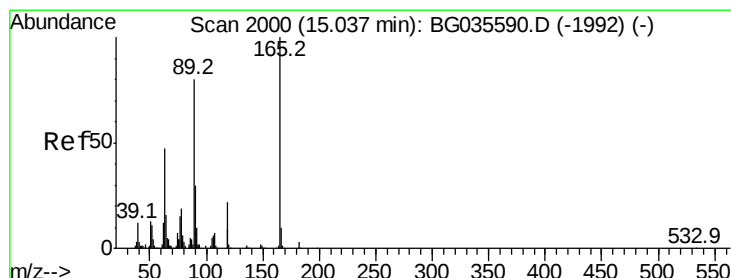
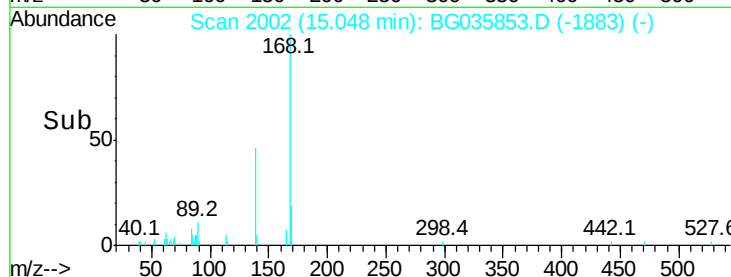
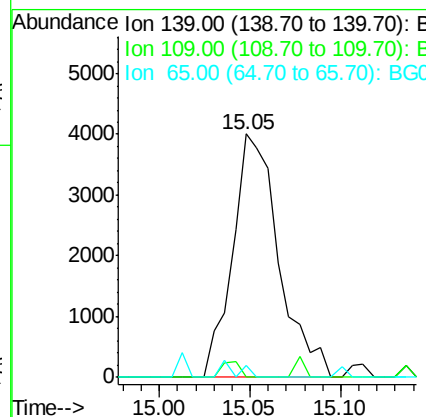
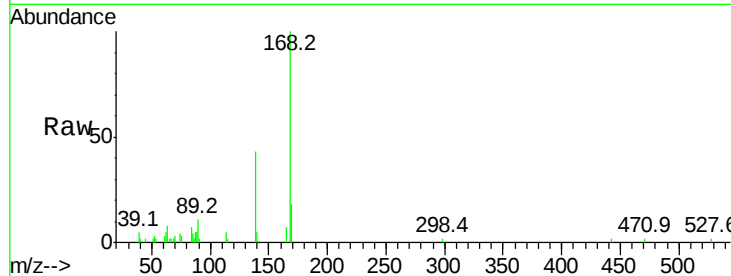




#55
4-Nitrophenol
Concen: 6.494 ng
RT: 15.05 min Scan# 2002
Delta R.T. 0.17 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

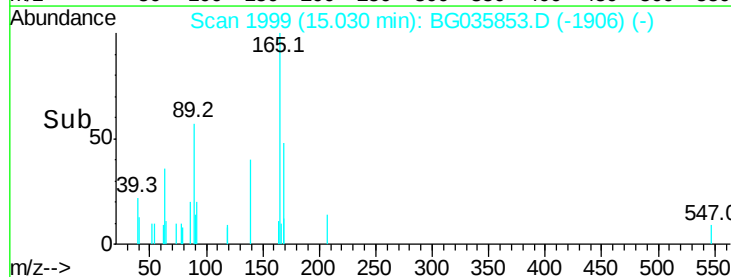
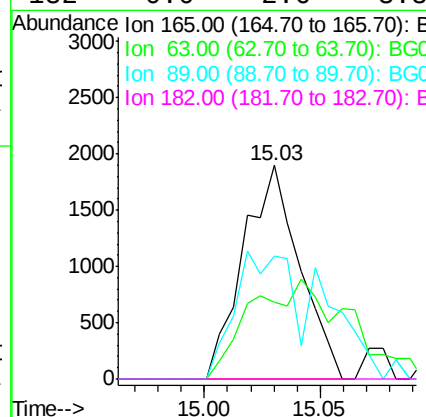
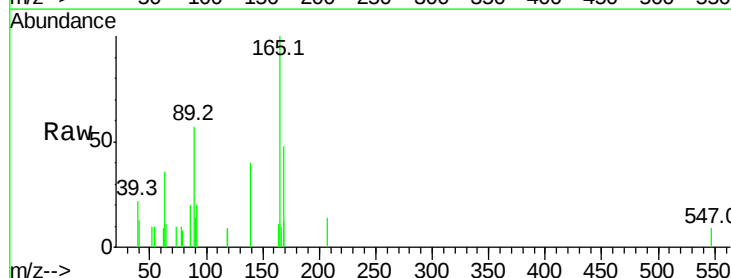
Instrument :
BNA_G
ClientSampleId :

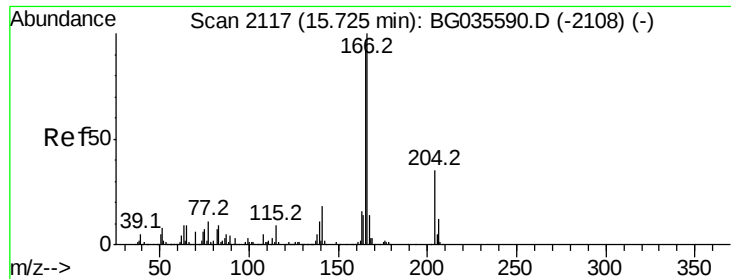
Tot Ion:139 Resp: 7090
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 5.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 1.494 ng
RT: 15.03 min Scan# 1999
Delta R.T. 0.02 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion:165 Resp: 3216
Ion Ratio Lower Upper
165 100
63 36.0 42.0 63.0#
89 57.4 66.9 100.3#
182 0.0 2.6 3.8#

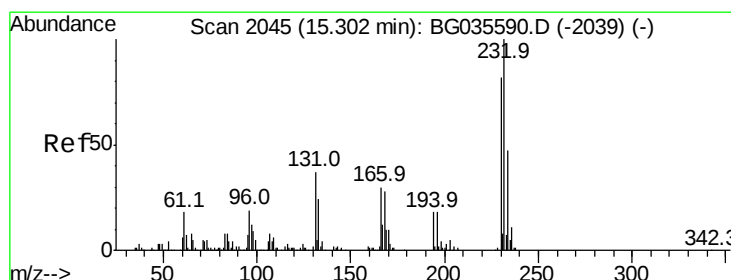
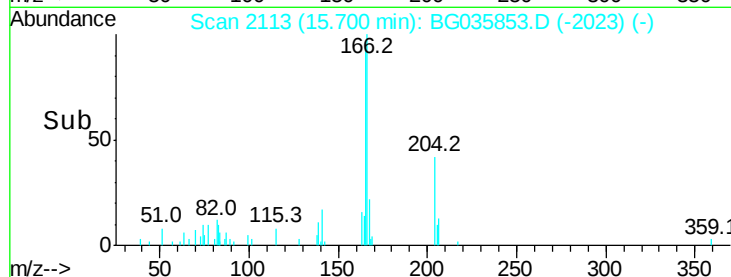
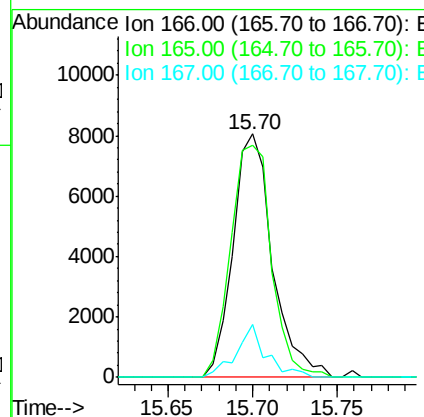
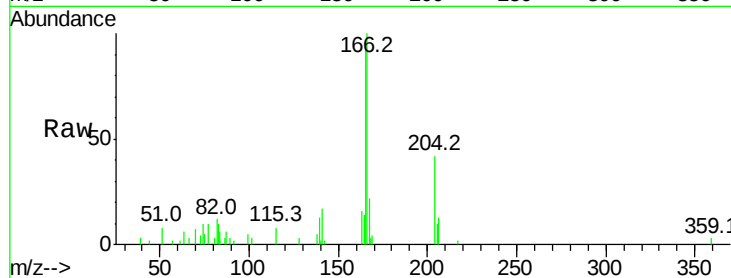




#57
 Fluorene
 Concen: 1.854 ng
 RT: 15.70 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BG035853.D
 Acq: 24 Jul 2018 18:38

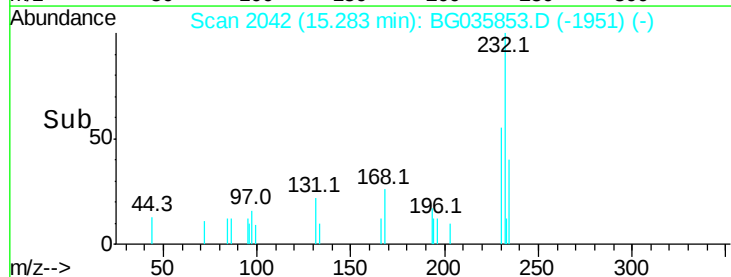
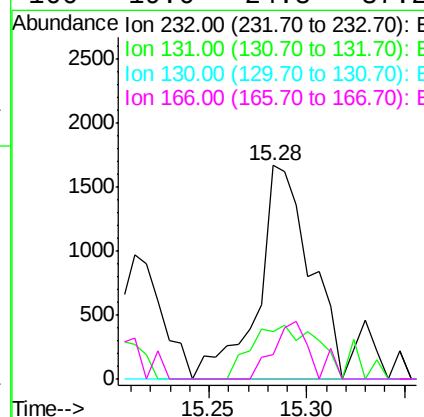
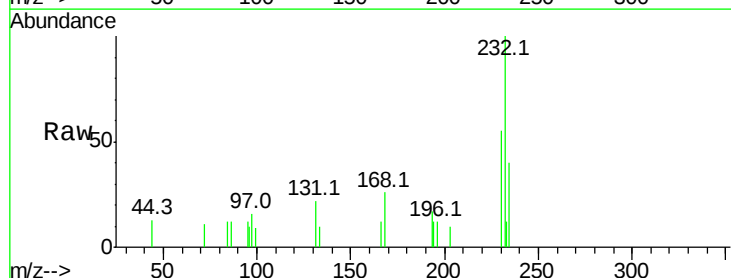
Instrument :
 BNA_G
 ClientSampleId :

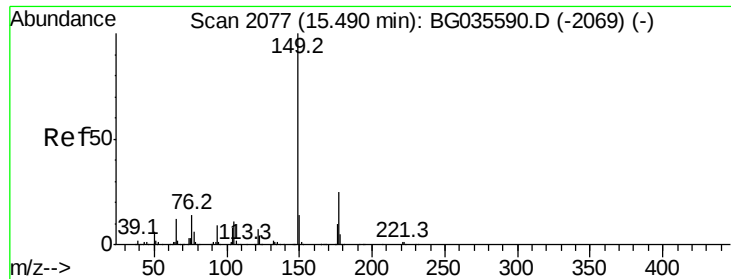
Tot Ion:166 Resp: 13072
 Ion Ratio Lower Upper
 166 100
 165 95.5 80.6 121.0
 167 21.8 10.4 15.6#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.543 ng
 RT: 15.28 min Scan# 2042
 Delta R.T. 0.01 min
 Lab File: BG035853.D
 Acq: 24 Jul 2018 18:38

Tgt Ion:232 Resp: 3071
 Ion Ratio Lower Upper
 232 100
 131 31.7 33.5 50.3#
 130 0.0 2.2 3.2#
 166 19.6 24.8 37.2#

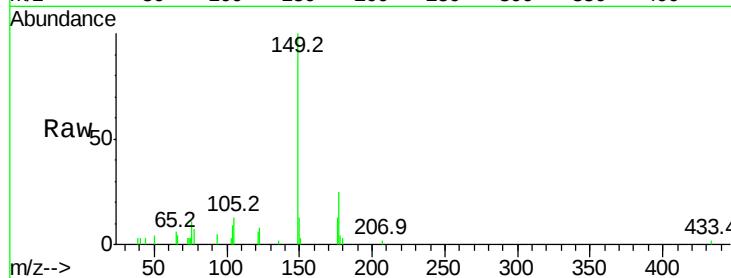




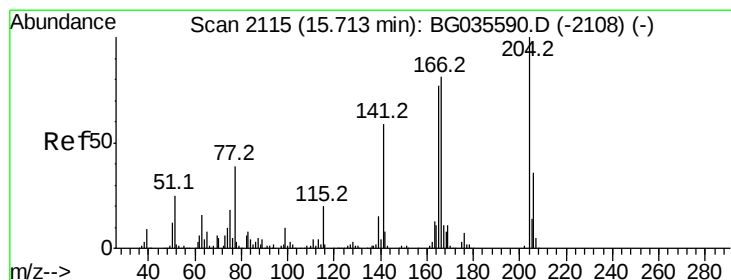
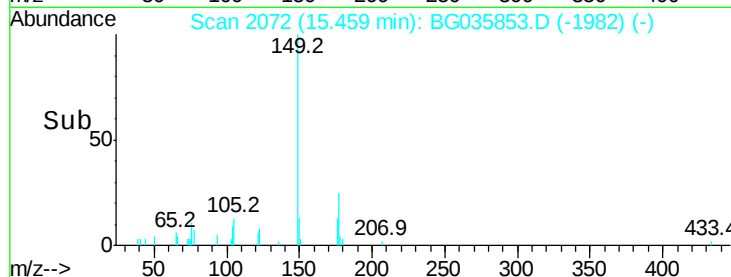
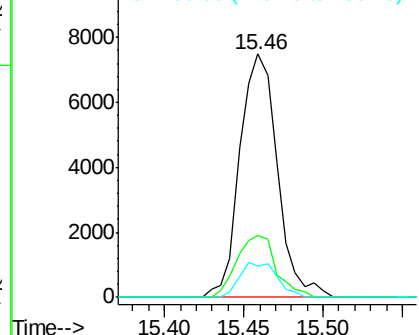
#59
Diethylphthalate
Concen: 1.622 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 12283
Ion Ratio Lower Upper
149 100
177 25.4 18.5 27.7
150 13.0 10.2 15.2

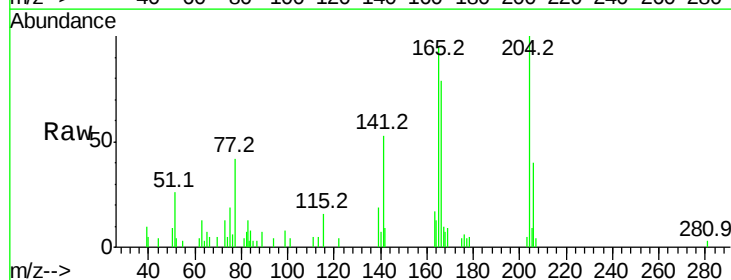


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

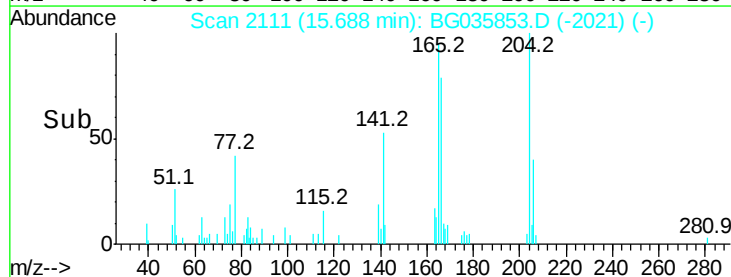
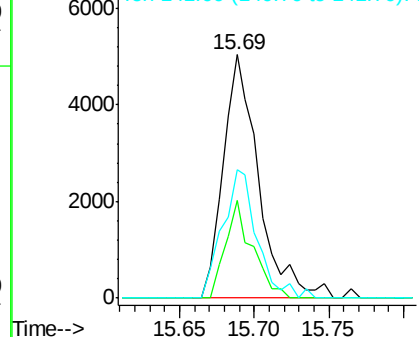


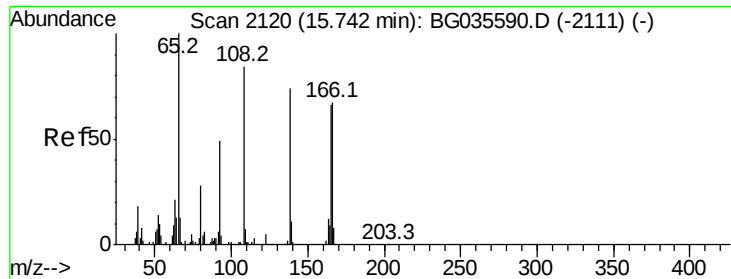
#60
4-Chlorophenyl-phenylether
Concen: 2.014 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion:204 Resp: 8348
Ion Ratio Lower Upper
204 100
206 40.1 26.2 39.2#
141 52.8 45.8 68.6



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

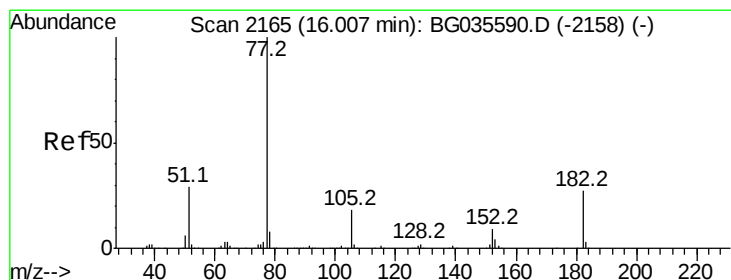
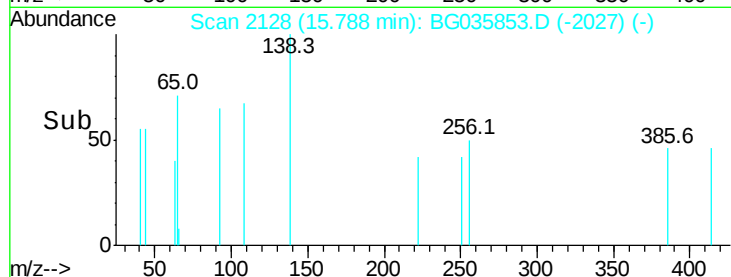
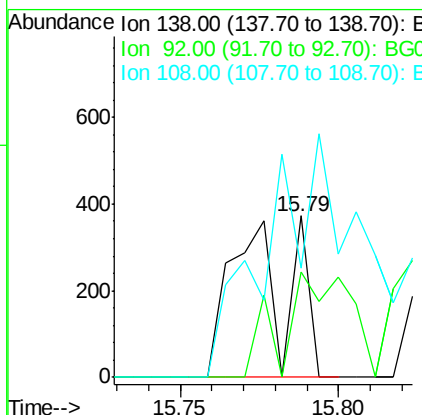
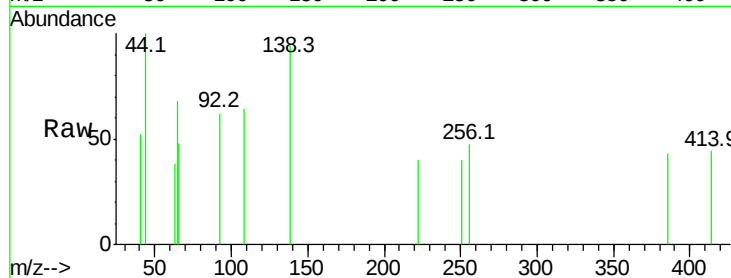




#61
4-Nitroaniline
Concen: 0.282 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.06 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

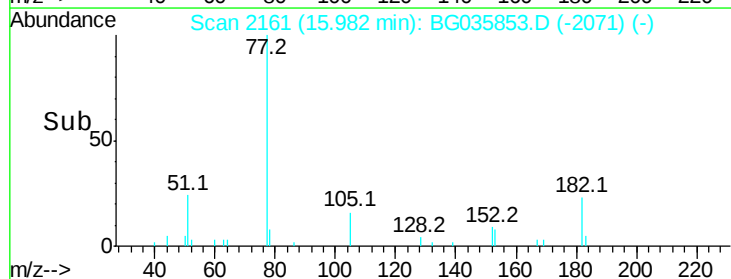
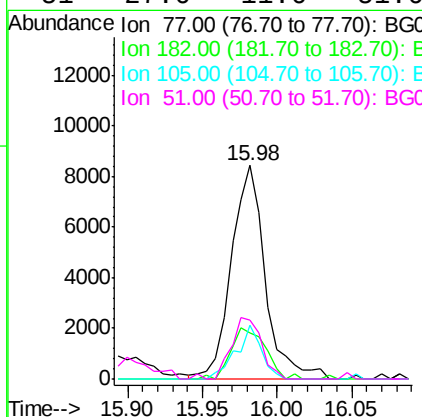
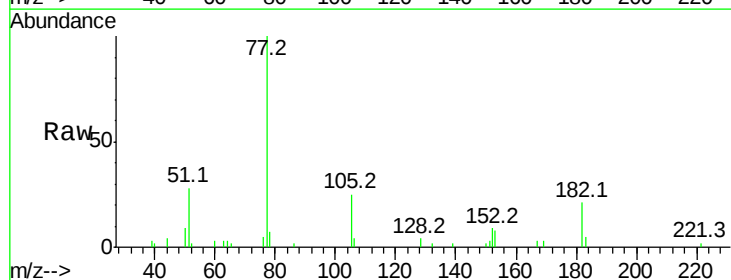
Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 453
Ion Ratio Lower Upper
138 100
92 65.1 40.1 80.1
108 67.3 65.4 105.4



#62
Azobenzene
Concen: 1.787 ng
RT: 15.98 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion: 77 Resp: 13352
Ion Ratio Lower Upper
77 100
182 21.4 7.4 47.4
105 25.3 0.3 40.3
51 27.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

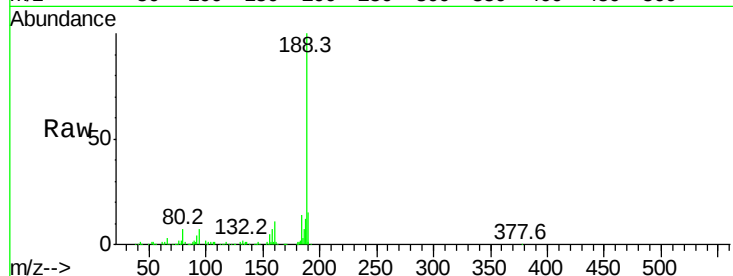
Tot Ion:188 Resp: 231447

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

80 7.4 7.7 11.5#

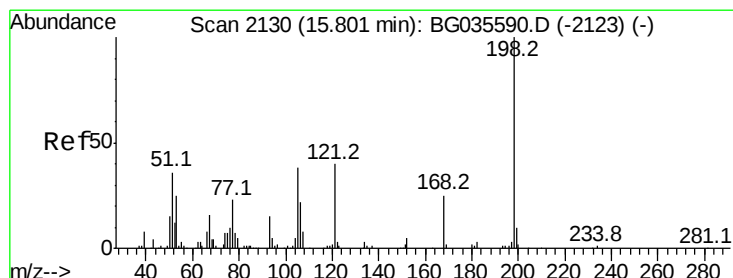
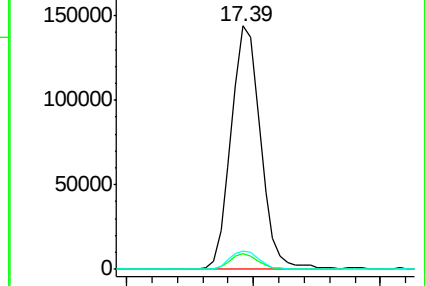
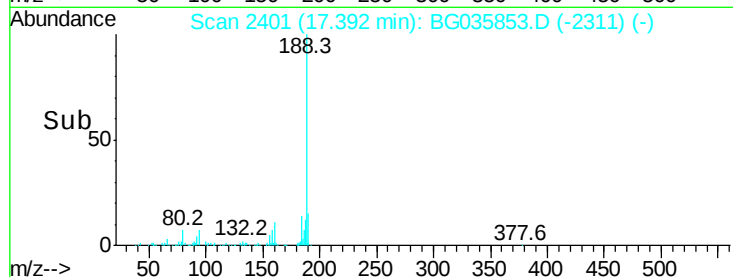


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.39



#64

4,6-Dinitro-2-methylphenol

Concen: 0.044 ng

RT: 15.83 min Scan# 2136

Delta R.T. 0.06 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

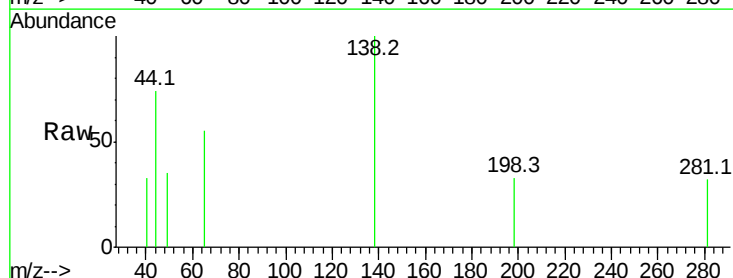
Tgt Ion:198 Resp: 57

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

105 0.0 23.8 63.8#

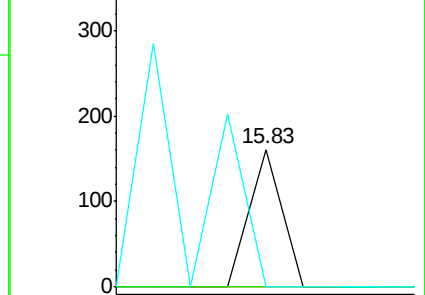
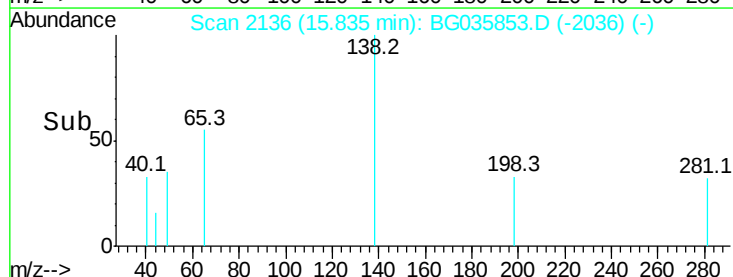


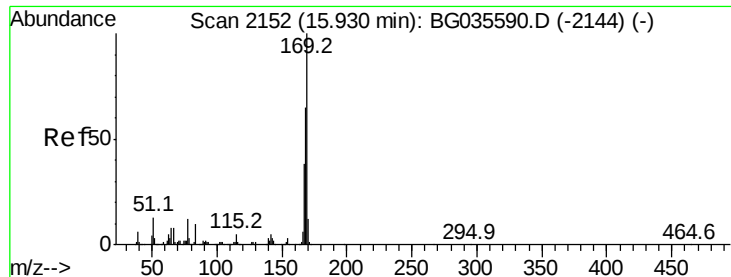
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

15.83





#65

n-Nitrosodiphenylamine

Concen: 1.709 ng

RT: 15.91 min Scan# 2148

Delta R.T. 0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampled :

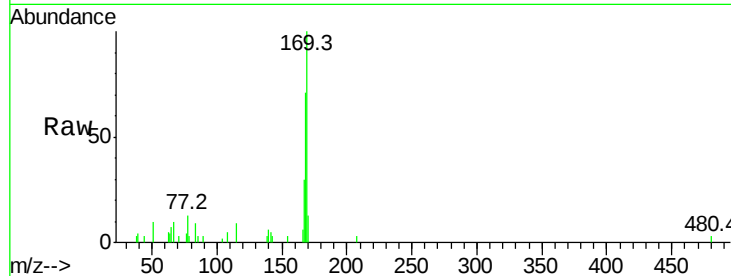
Tot Ion:169 Resp: 11257

Ion Ratio Lower Upper

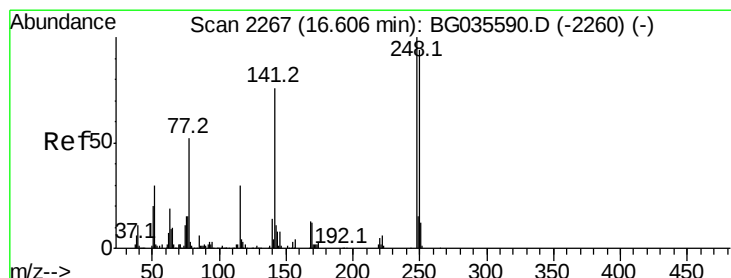
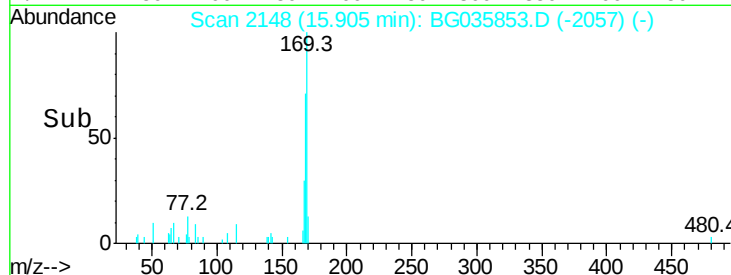
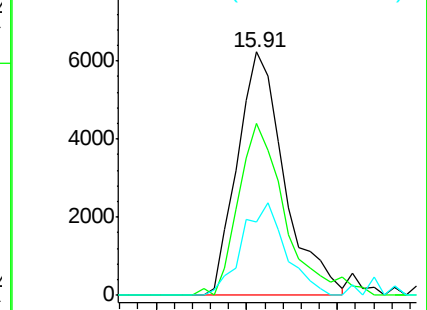
169 100

168 70.8 55.7 83.5

167 30.3 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: 1.942 ng

RT: 16.59 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

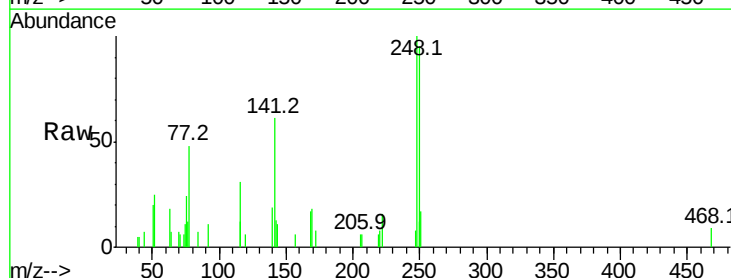
Tgt Ion:248 Resp: 5214

Ion Ratio Lower Upper

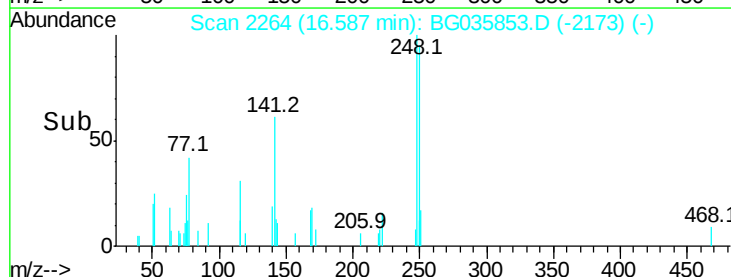
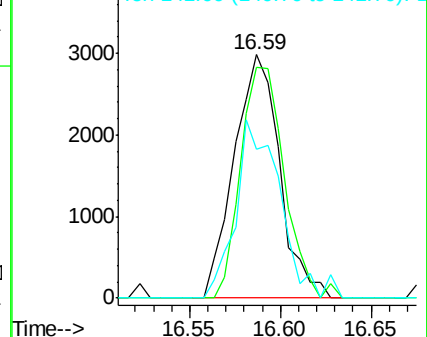
248 100

250 94.6 77.1 115.7

141 61.2 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

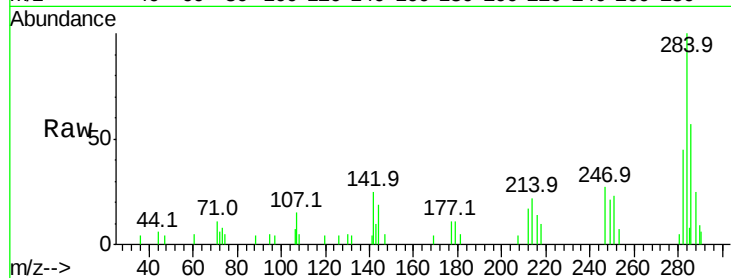




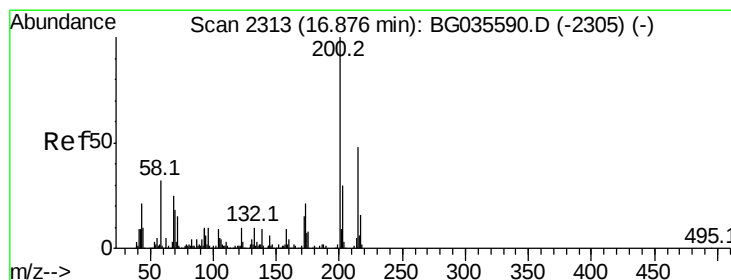
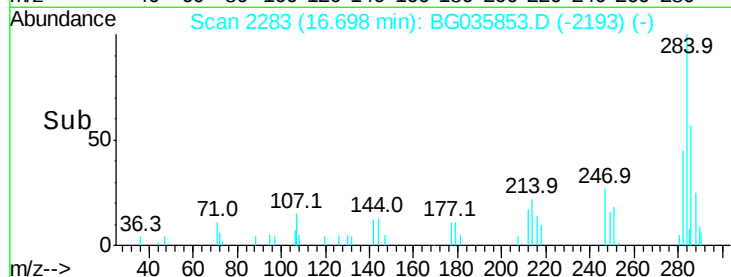
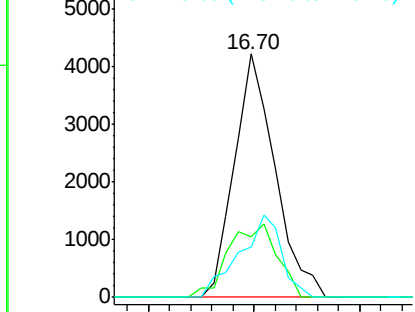
#67
Hexachlorobenzene
Concen: 2.037 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 5634
Ion Ratio Lower Upper
284 100
142 25.0 26.8 40.2#
249 20.6 26.3 39.5#

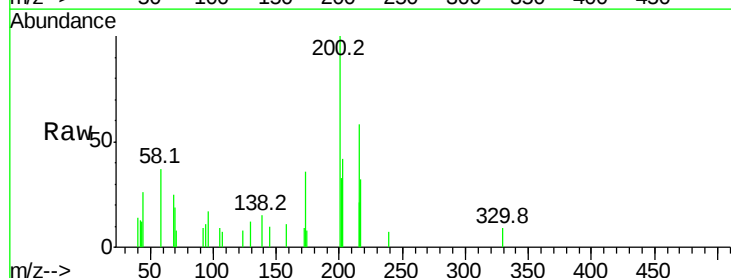


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

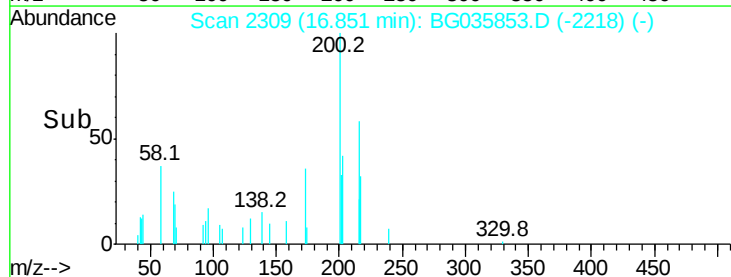
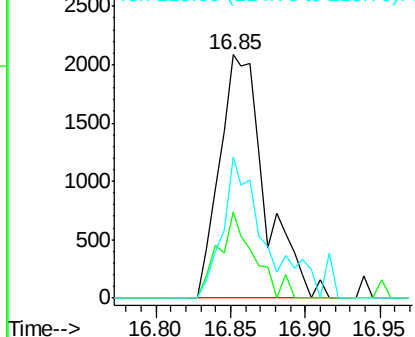


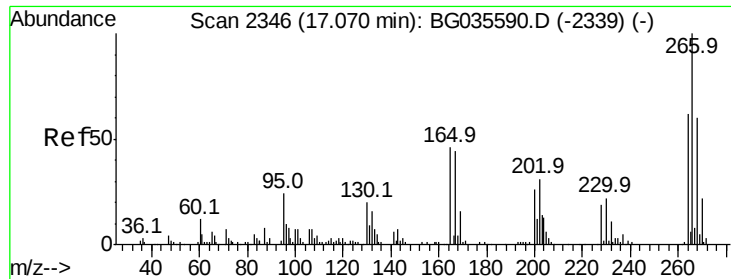
#68
Atrazine
Concen: 1.634 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion:200 Resp: 4431
Ion Ratio Lower Upper
200 100
173 35.5 5.2 45.2
215 57.9 30.4 70.4



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

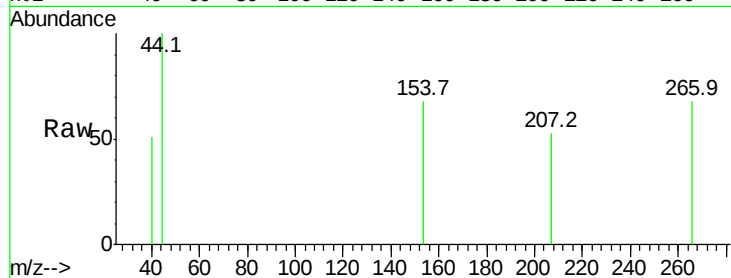




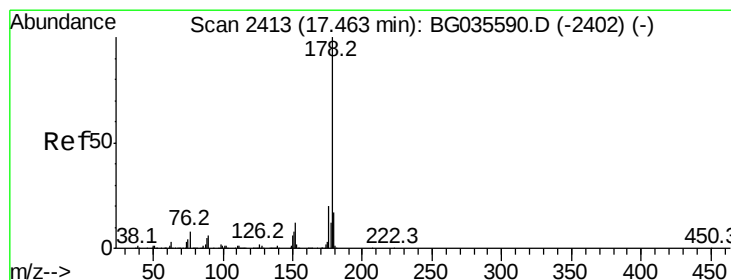
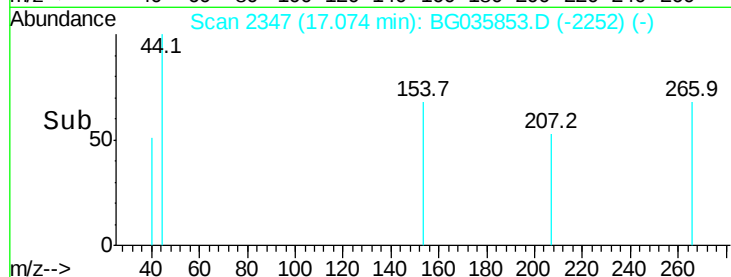
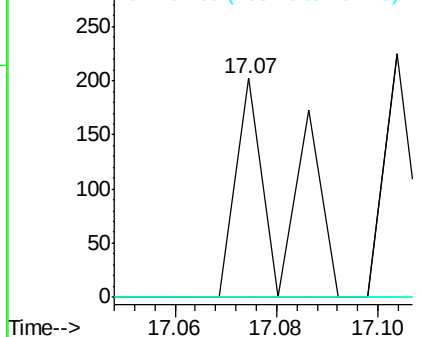
#69
 Pentachlorophenol
 Concen: 0.078 ng
 RT: 17.07 min Scan# 2347
 Delta R.T. 0.03 min
 Lab File: BG035853.D
 Acq: 24 Jul 2018 18:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 132
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 0.0 49.6 74.4#

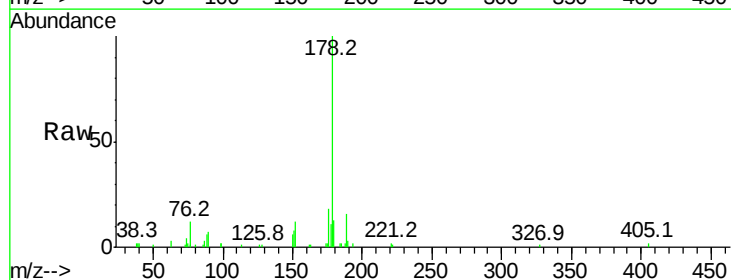


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

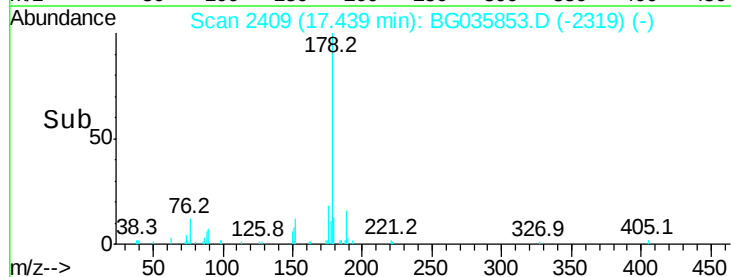
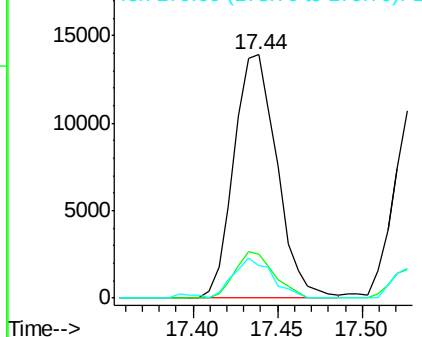


#70
 Phenanthrene
 Concen: 2.138 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BG035853.D
 Acq: 24 Jul 2018 18:38

Tgt Ion:178 Resp: 24687
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.7 23.5
 179 13.3 12.5 18.7



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





#71

Anthracene

Concen: 1.952 ng

RT: 17.53 min Scan# 2425

Delta R.T. 0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

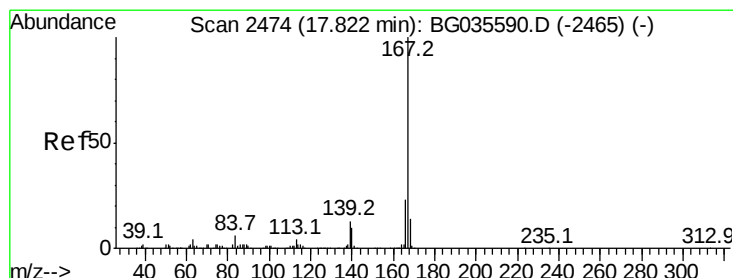
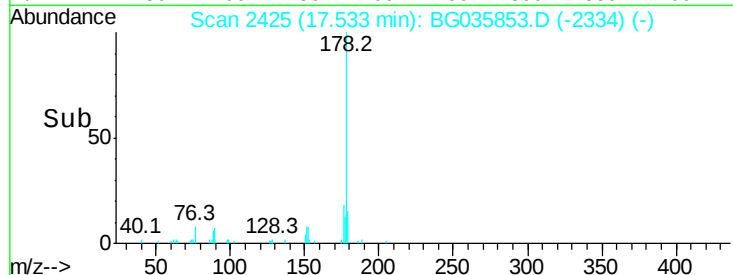
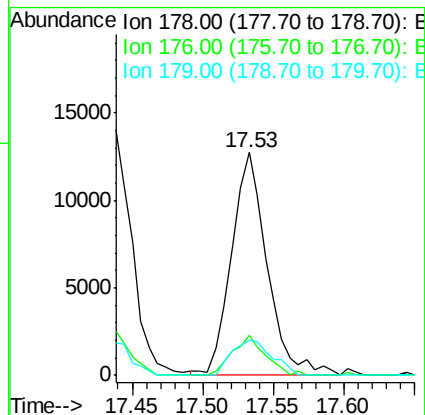
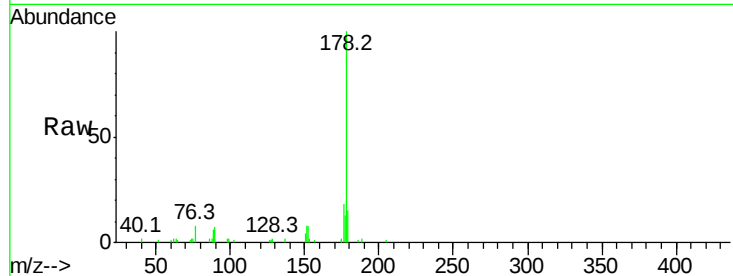
Tot Ion:178 Resp: 22442

Ion Ratio Lower Upper

178 100

176 18.1 16.0 24.0

179 15.4 12.5 18.7



#72

Carbazole

Concen: 1.640 ng

RT: 17.81 min Scan# 2473

Delta R.T. 0.02 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

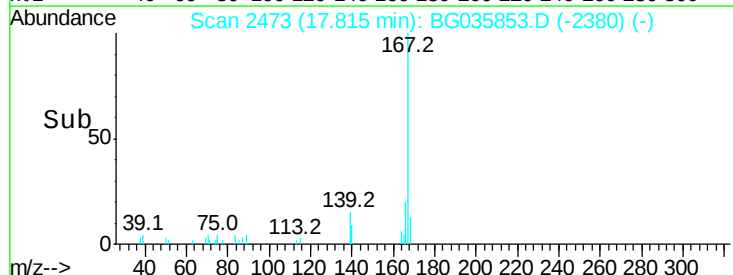
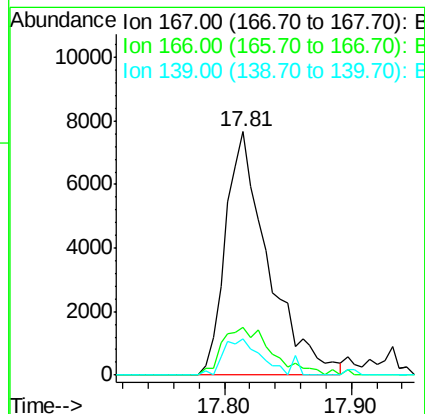
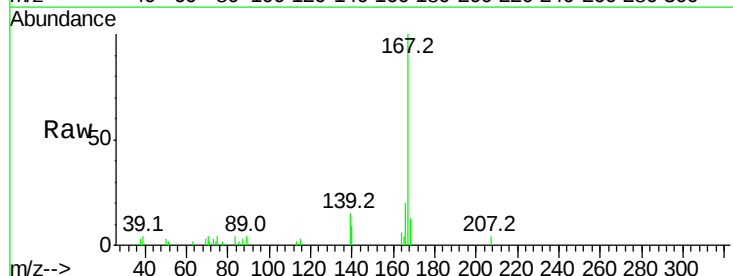
Tgt Ion:167 Resp: 17906

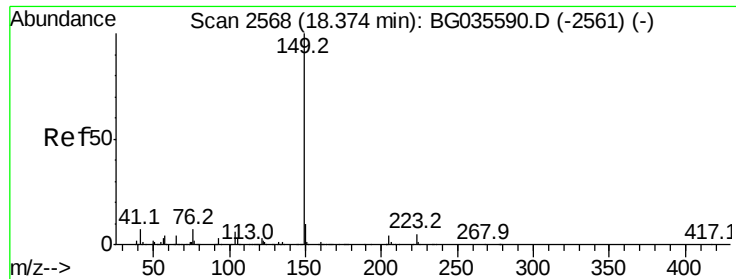
Ion Ratio Lower Upper

167 100

166 19.7 18.2 27.4

139 14.9 9.4 14.2#

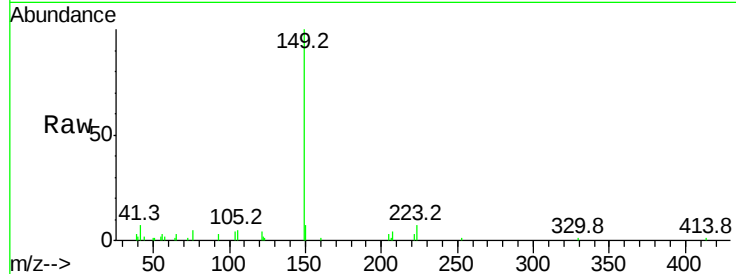




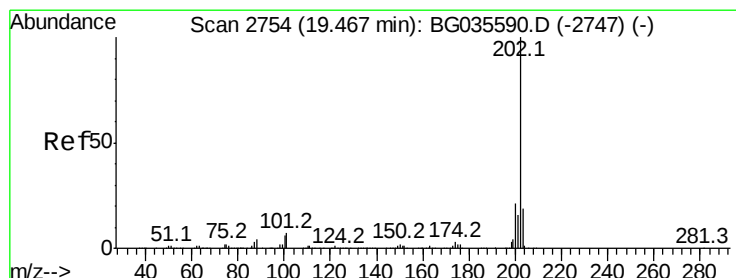
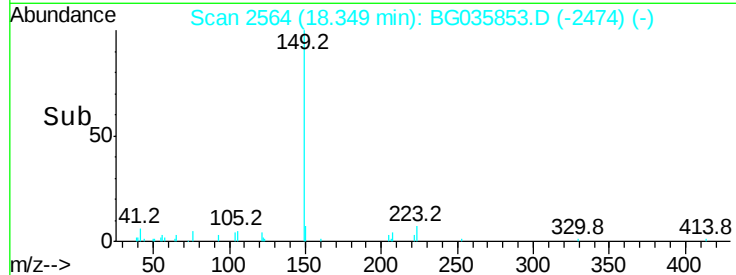
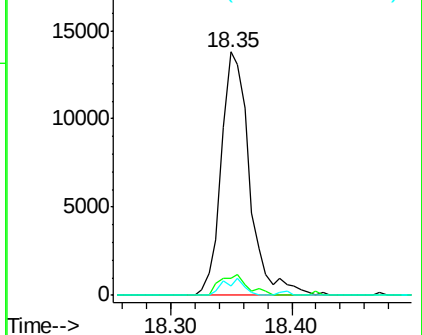
#73
Di-n-butylphthalate
Concen: 1.739 ng
RT: 18.35 min Scan# 2564
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 22444
Ion Ratio Lower Upper
149 100
150 7.1 7.8 11.6#
104 4.1 3.9 5.9

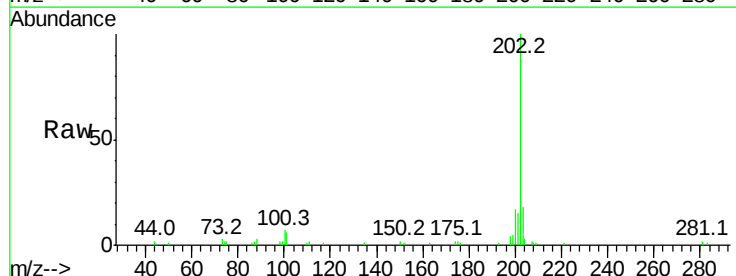


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

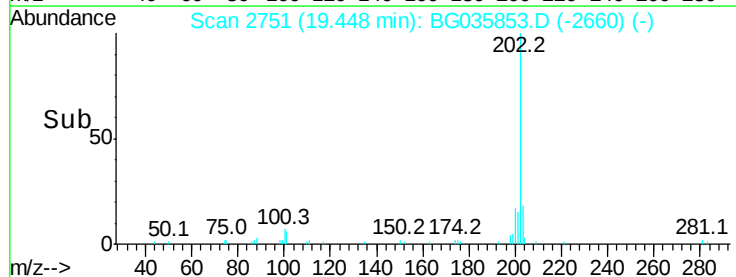
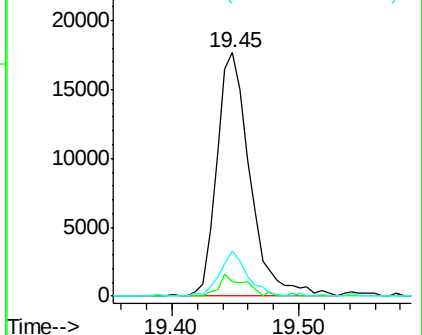


#74
Fluoranthene
Concen: 2.064 ng
RT: 19.45 min Scan# 2751
Delta R.T. 0.01 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion:202 Resp: 32104
Ion Ratio Lower Upper
202 100
101 6.0 0.0 28.9
203 18.5 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

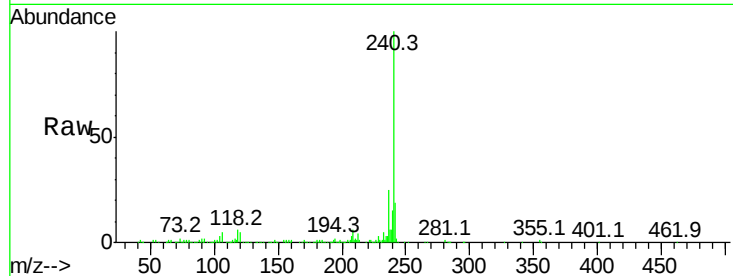
Tot Ion:240 Resp: 290795

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

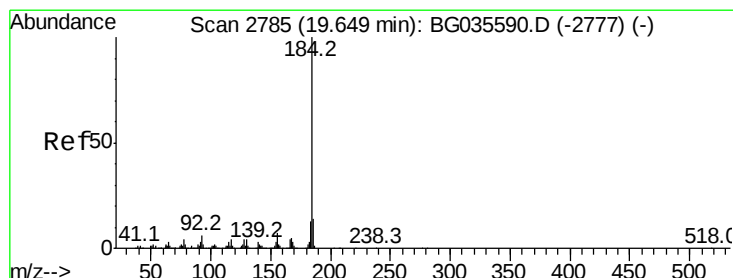
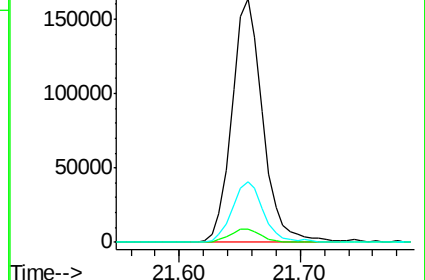
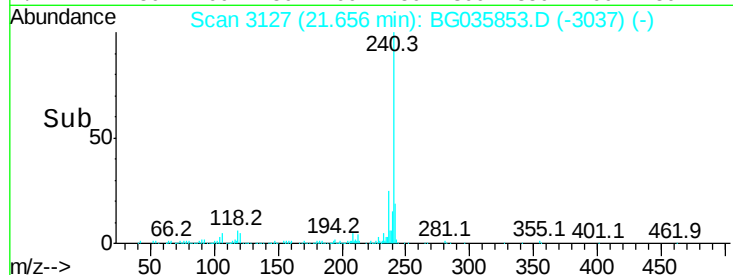
236 25.1 20.9 31.3



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: 0.111 ng

RT: 19.67 min Scan# 2788

Delta R.T. 0.04 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

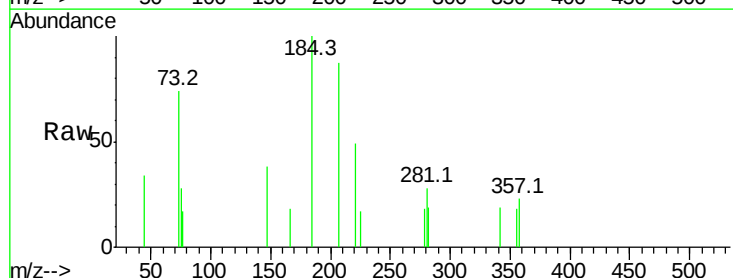
Tgt Ion:184 Resp: 851

Ion Ratio Lower Upper

184 100

185 0.0 11.1 16.7#

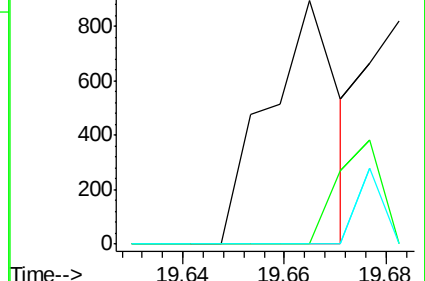
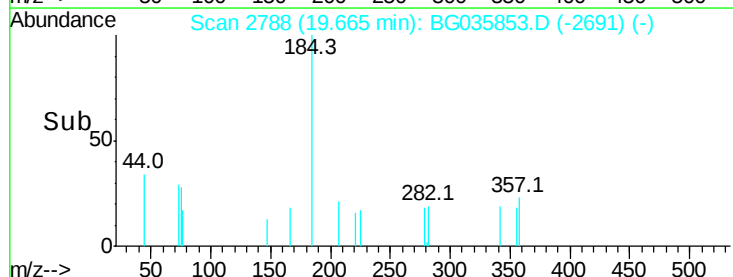
183 0.0 10.6 16.0#

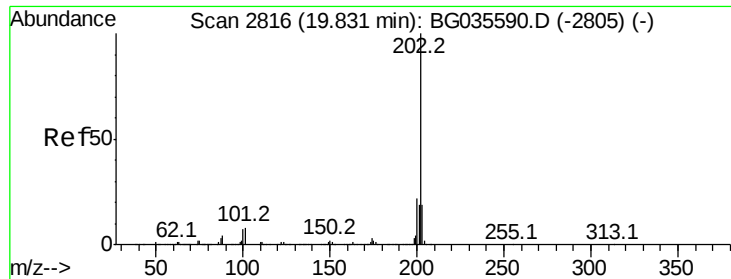


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 1.853 ng

RT: 19.81 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

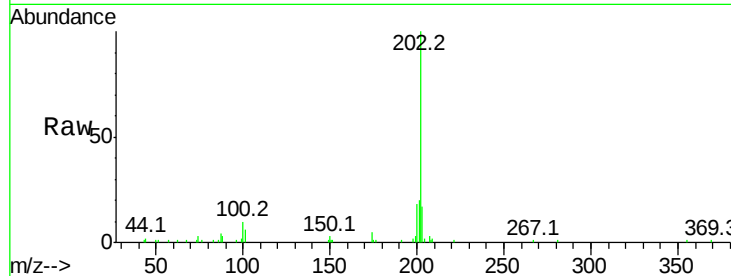
Tot Ion:202 Resp: 34071

Ion Ratio Lower Upper

202 100

200 17.9 16.9 25.3

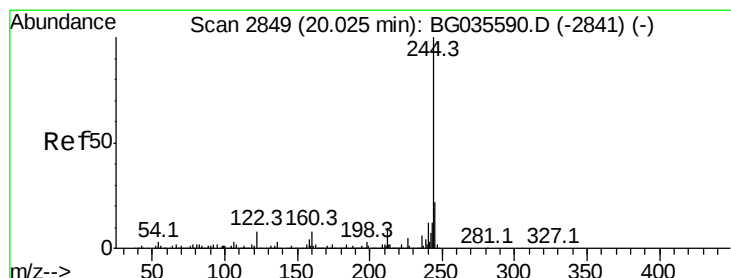
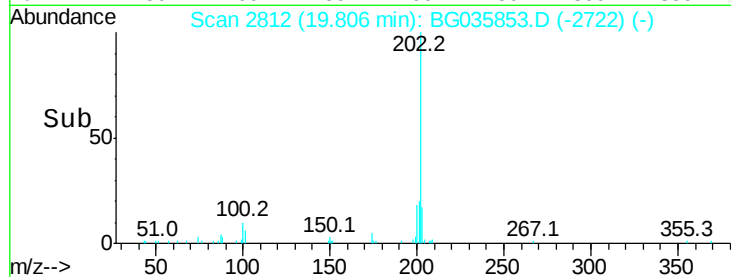
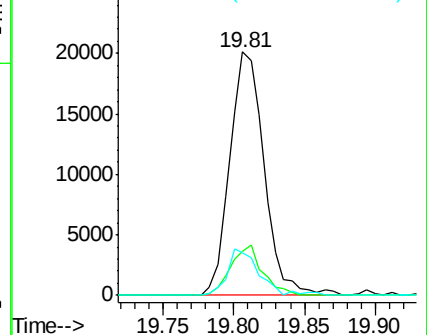
203 17.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.702 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

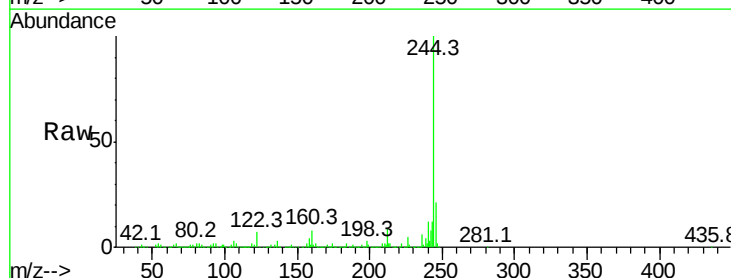
Tgt Ion:244 Resp: 1328480

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

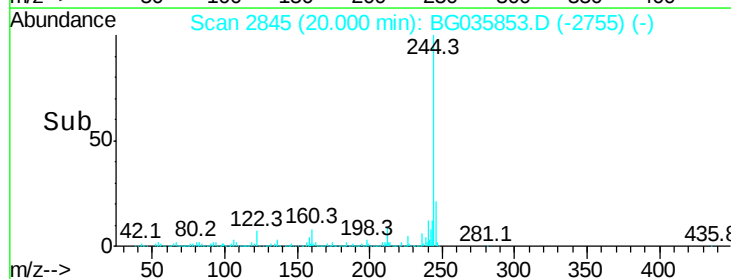
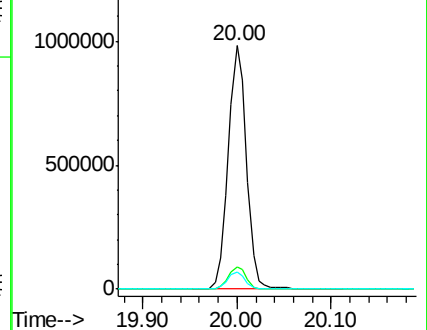
122 6.9 7.0 10.4#

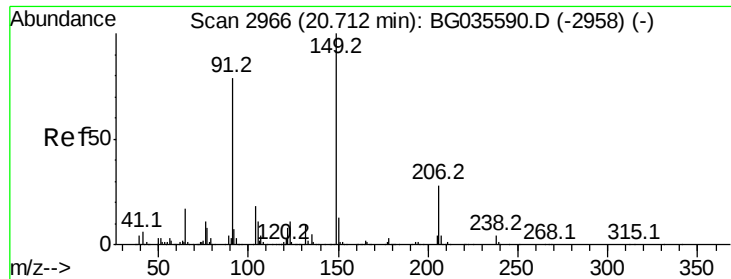


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

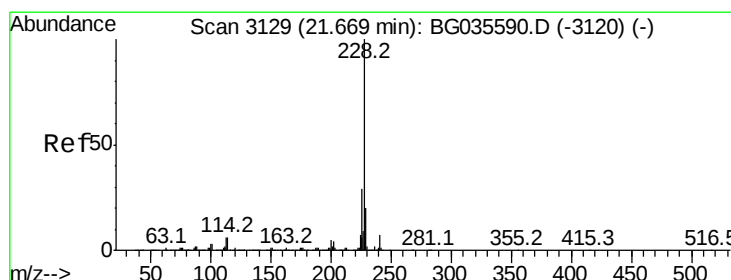
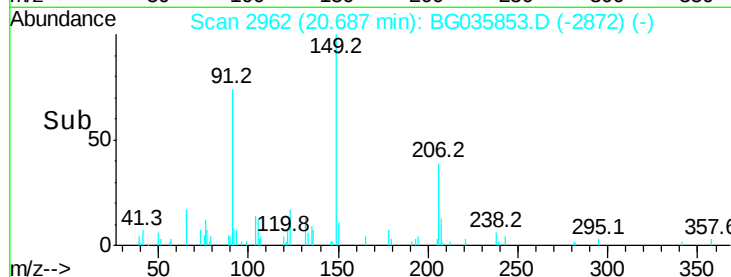
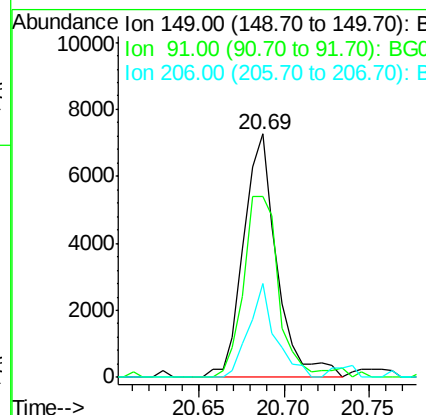
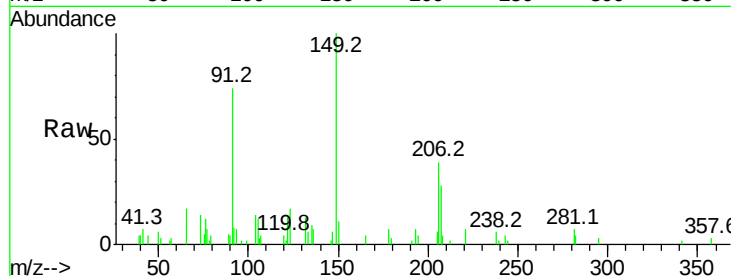




#79
Butylbenzylphthalate
Concen: 1.516 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.00 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

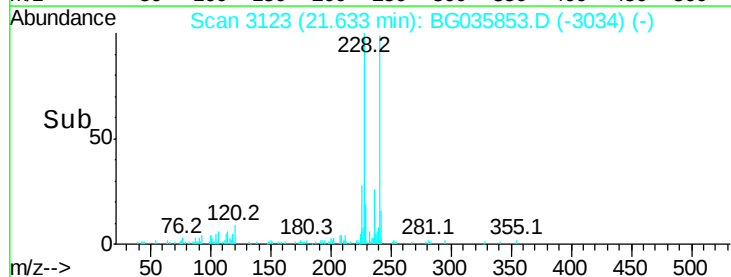
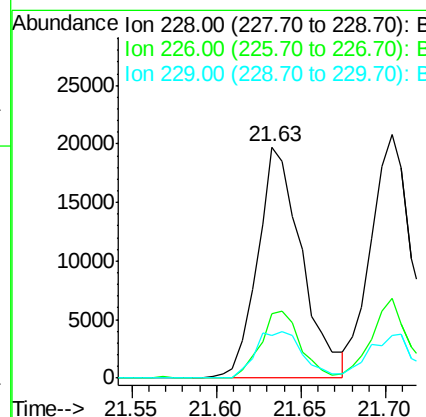
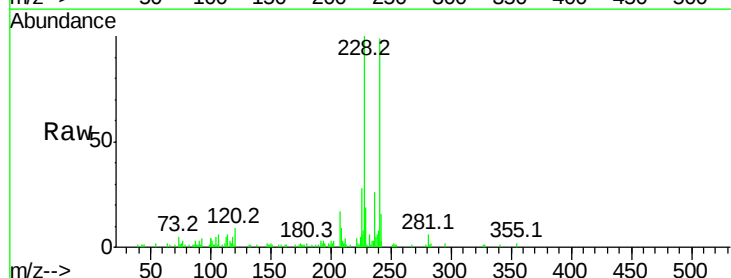
Instrument :
BNA_G
ClientSampled :

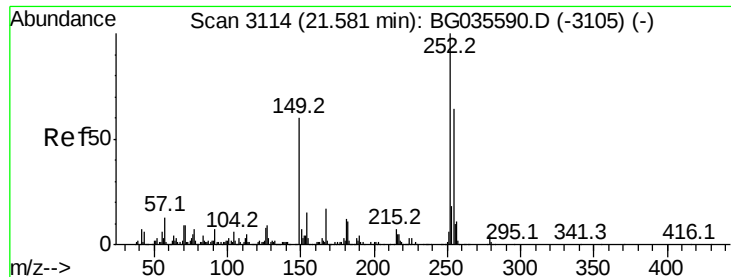
Tot Ion:149 Resp: 9965
Ion Ratio Lower Upper
149 100
91 74.4 62.2 93.2
206 38.6 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 1.981 ng
RT: 21.63 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG035853.D
Acq: 24 Jul 2018 18:38

Tgt Ion:228 Resp: 35904
Ion Ratio Lower Upper
228 100
226 27.6 22.7 34.1
229 18.6 16.2 24.2

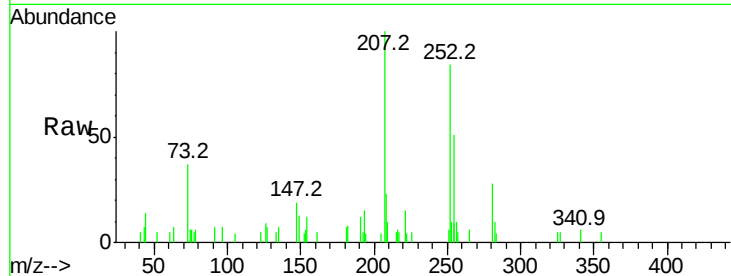




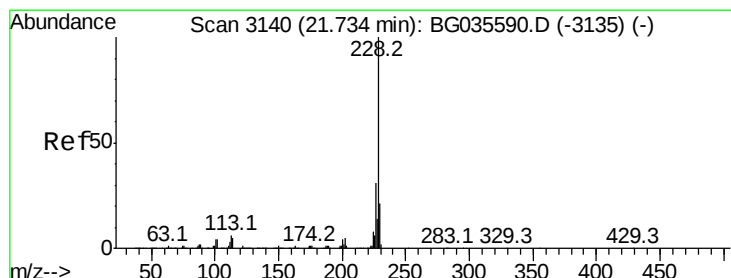
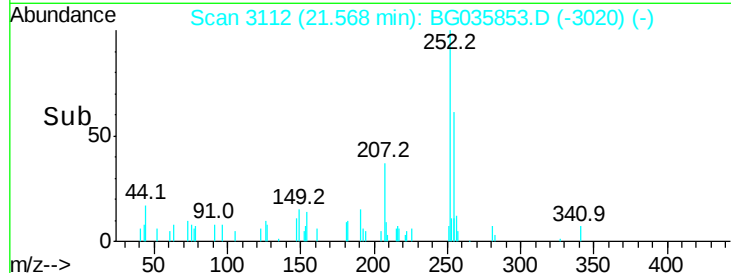
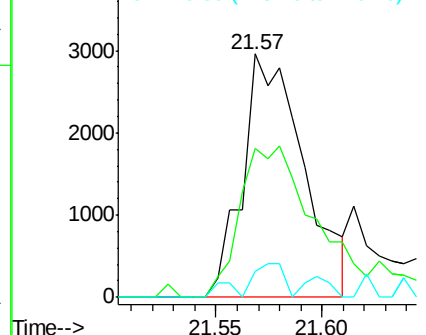
#81
 3,3'-Dichlorobenzidine
 Concen: 0.943 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: BG035853.D
 Acq: 24 Jul 2018 18:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 5956
 Ion Ratio Lower Upper
 252 100
 254 61.4 50.8 76.2
 126 10.4 7.4 11.2

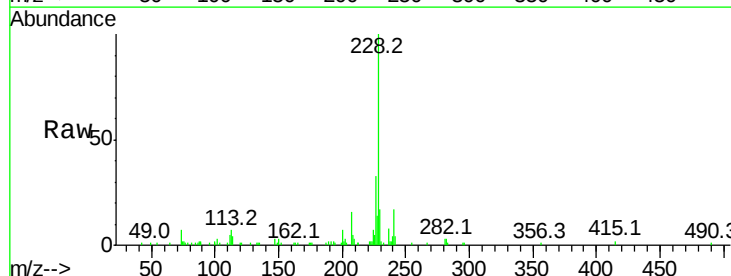


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

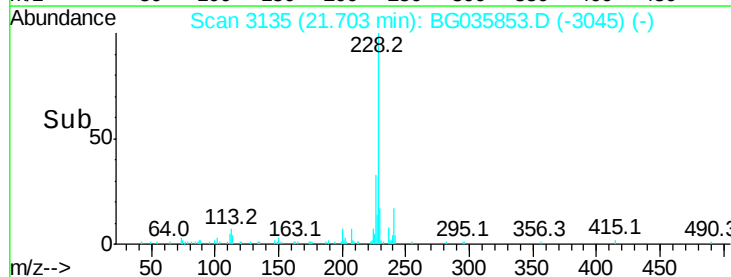
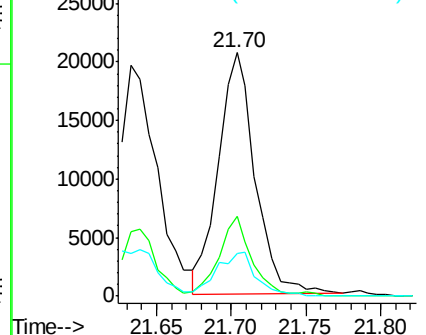


#82
 Chrysene
 Concen: 2.120 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035853.D
 Acq: 24 Jul 2018 18:38

Tgt Ion:228 Resp: 35604
 Ion Ratio Lower Upper
 228 100
 226 33.0 24.9 37.3
 229 17.3 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: 1.733 ng

RT: 21.53 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

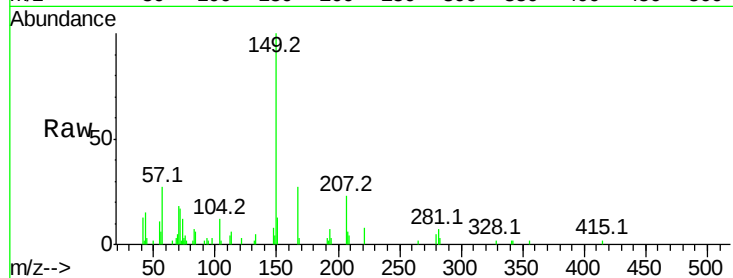
Tot Ion:149 Resp: 15492

Ion Ratio Lower Upper

149 100

167 27.3 24.3 36.5

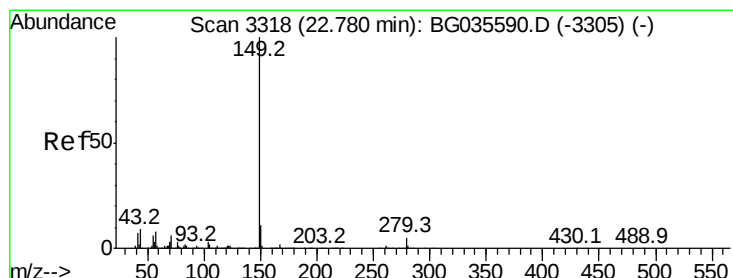
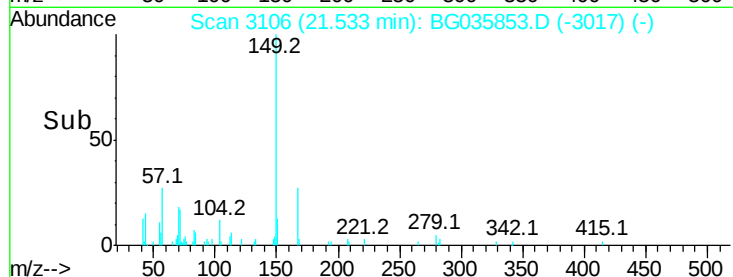
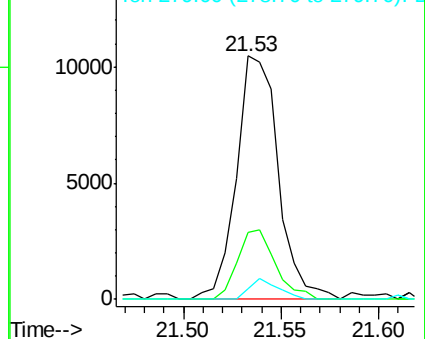
279 4.5 4.0 6.0



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: 1.701 ng

RT: 22.74 min Scan# 3311

Delta R.T. -0.00 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

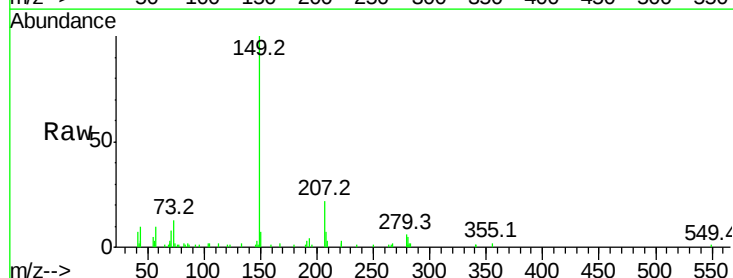
Tgt Ion:149 Resp: 25456

Ion Ratio Lower Upper

149 100

167 1.2 1.4 2.0#

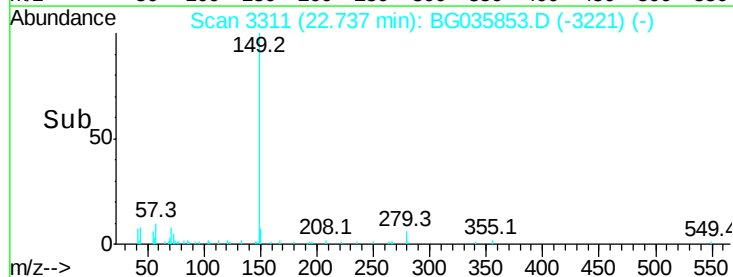
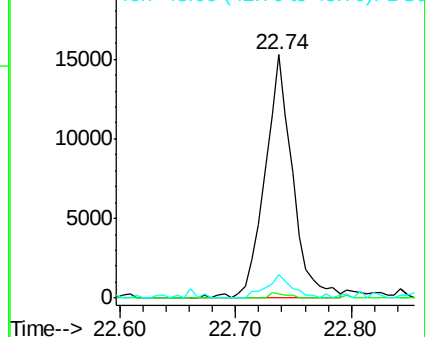
43 8.9 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.774 ng

RT: 28.52 min Scan# 4296

Delta R.T. 0.03 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

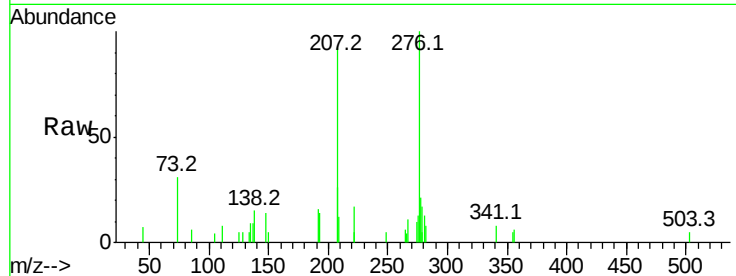
Tot Ion:276 Resp: 14396

Ion Ratio Lower Upper

276 100

138 3.1 16.0 24.0#

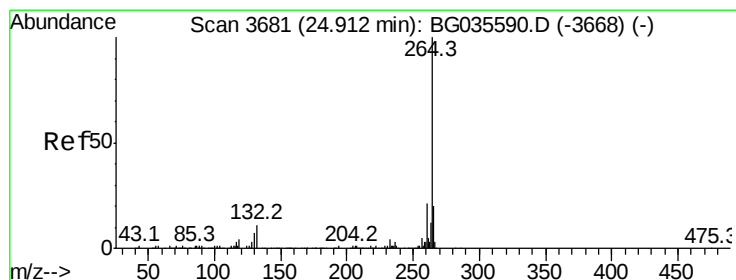
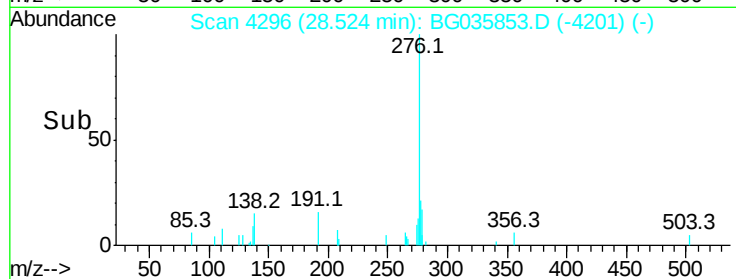
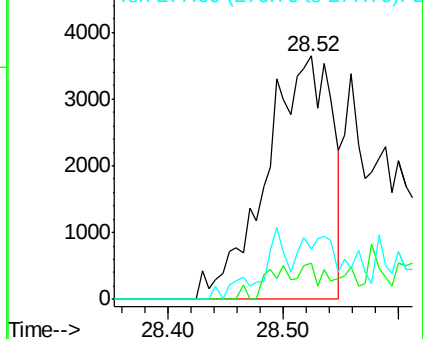
277 12.8 20.0 30.0#



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: 24.86 min Scan# 3672

Delta R.T. -0.00 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

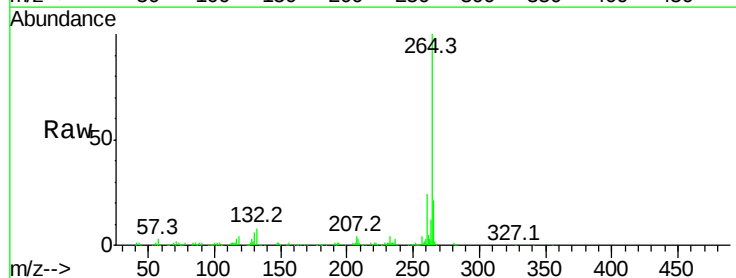
Tgt Ion:264 Resp: 271129

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

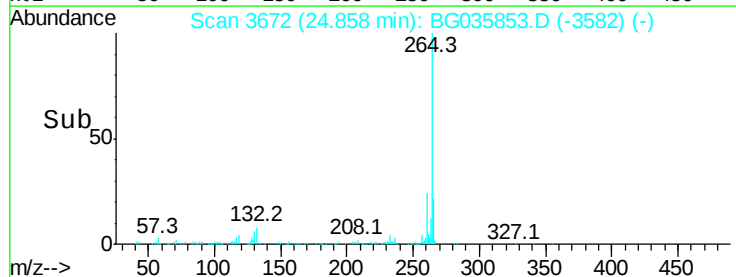
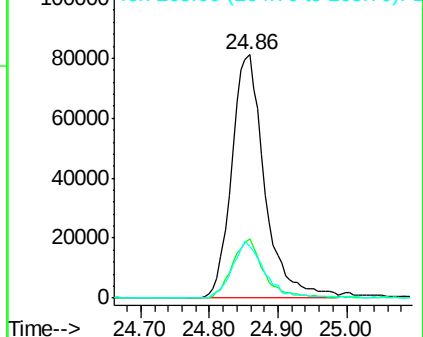
265 21.2 17.7 26.5

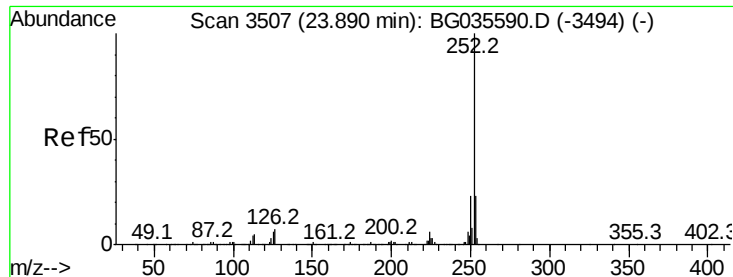


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 1.612 ng

RT: 23.91 min Scan# 3511

Delta R.T. 0.07 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

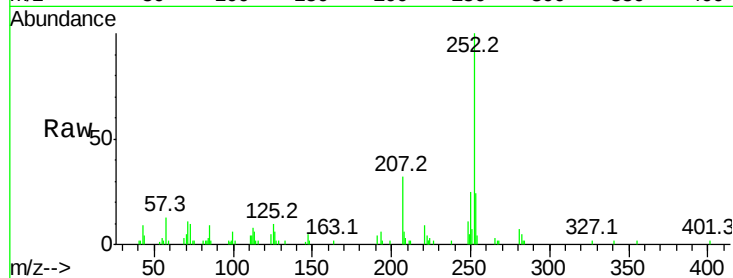
Tot Ion:252 Resp: 26570

Ion Ratio Lower Upper

252 100

253 24.2 18.2 27.4

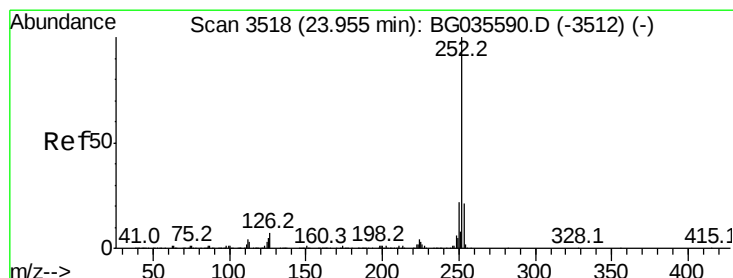
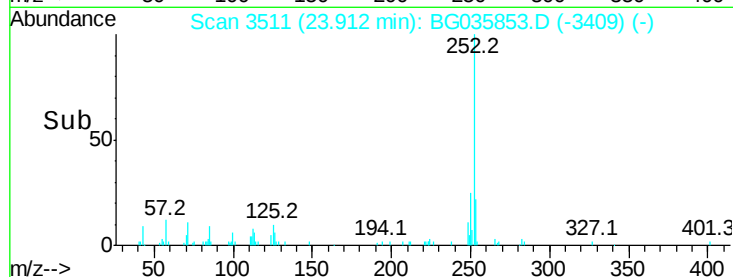
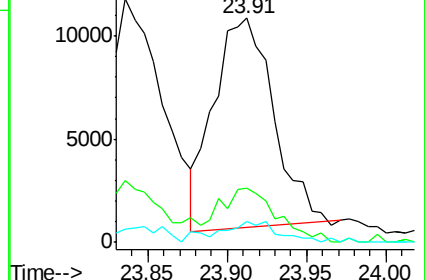
125 9.6 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 1.649 ng

RT: 23.91 min Scan# 3511

Delta R.T. -0.00 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

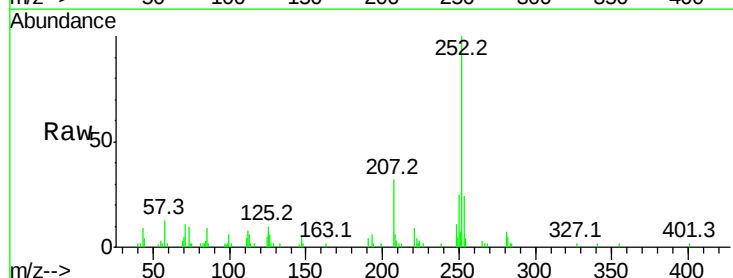
Tgt Ion:252 Resp: 26570

Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.2

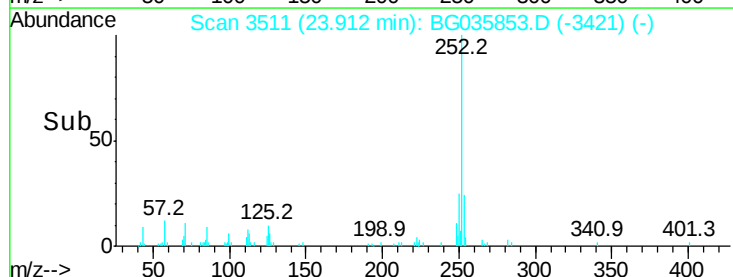
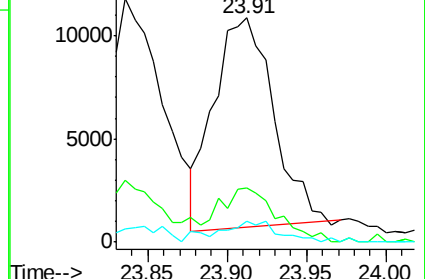
125 9.6 6.6 9.8

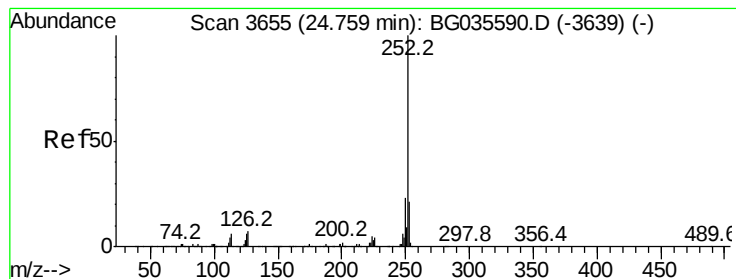


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 1.817 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.00 min

Lab File: BG035853.D

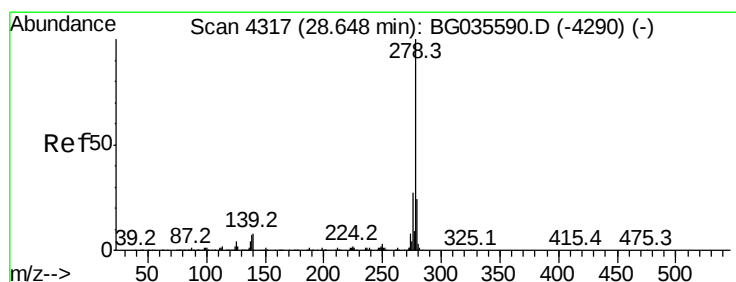
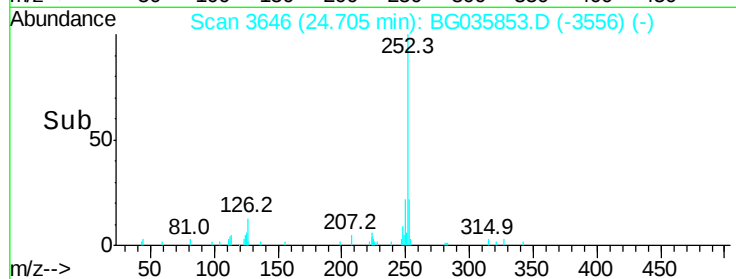
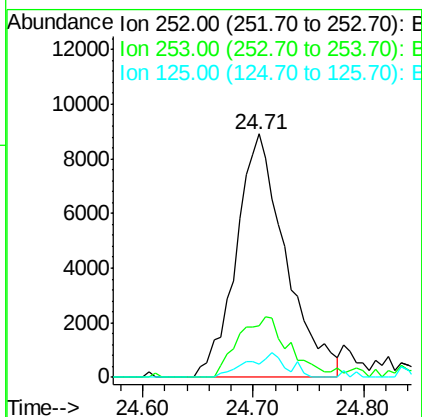
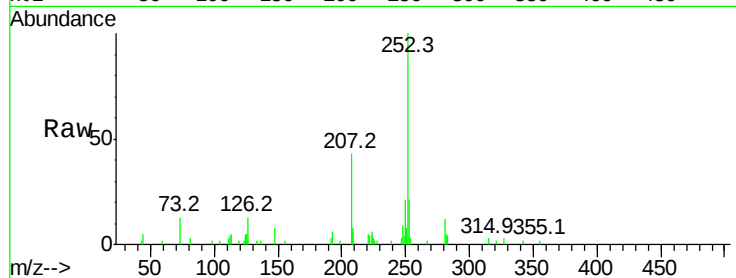
Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	27861
Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.3	27.5
125	5.4	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 0.571 ng

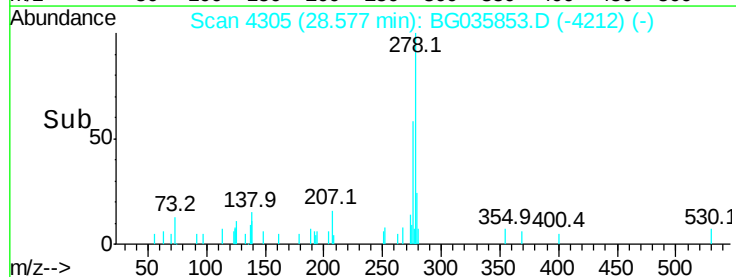
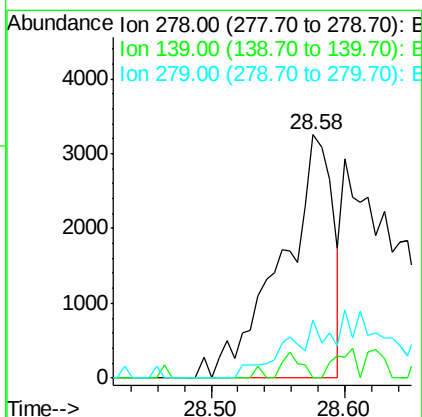
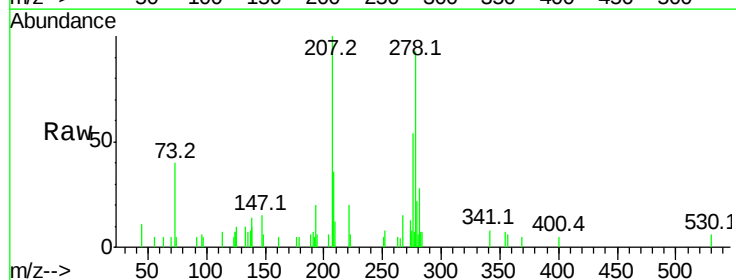
RT: 28.58 min Scan# 4305

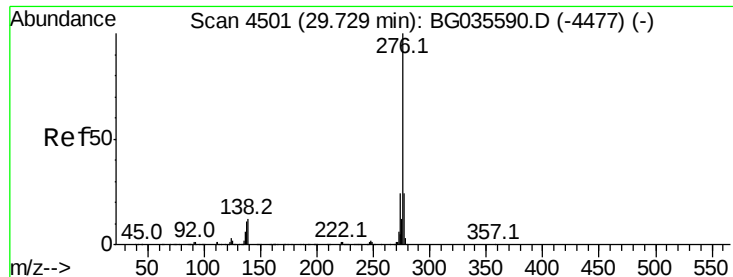
Delta R.T. 0.02 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Tgt Ion:	278	Resp:	8599
Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.8	14.6#
279	23.8	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 0.636 ng

RT: 29.63 min Scan# 4485

Delta R.T. -0.01 min

Lab File: BG035853.D

Acq: 24 Jul 2018 18:38

Instrument :

BNA_G

ClientSampleId :

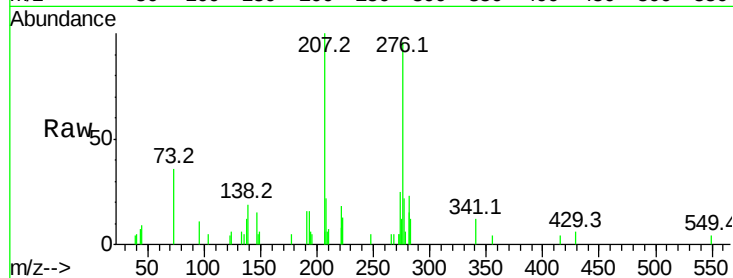
Tot Ion:276 Resp: 9364

Ion Ratio Lower Upper

276 100

277 22.4 18.3 27.5

138 19.8 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

