

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
 Data File : BG035799.D
 Acq On : 21 Jul 2018 00:37
 Operator : JU/SJ
 Sample : PB111227BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111227BSD

Quant Time: Jul 21 04:02:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	53036	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	195631	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	140535	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	359243	20.00	ng	0.00
75) Chrysene-d12	21.66	240	374933	20.00	ng	0.00
86) Perylene-d12	24.86	264	367301	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	428358	134.09	ng	0.00
7) Phenol-d6	7.21	99	618913	129.86	ng	0.00
23) Nitrobenzene-d5	9.19	82	395803	84.52	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	259929	140.32	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	905476	86.32	ng	0.00
78) Terphenyl-d14	20.01	244	1553650	91.34	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	49283	30.311	ng	# 78
3) Pyridine	3.92	79	143760	33.869	ng	# 73
4) n-Nitrosodimethylamine	3.83	42	59956	32.897	ng	# 72
6) Aniline	7.36	93	133951	21.683	ng	97
8) 2-Chlorophenol	7.60	128	145187	44.687	ng	95
9) Benzaldehyde	7.17	77	75700	25.886	ng	97
10) Phenol	7.23	94	211847	43.995	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	141960	37.645	ng	92
12) 1,3-Dichlorobenzene	8.06	146	161857	41.254	ng	96
13) 1,4-Dichlorobenzene	8.06	146	161857	40.602	ng	97
14) 1,2-Dichlorobenzene	8.38	146	153856	40.176	ng	95
15) Benzyl Alcohol	8.27	79	166437	38.455	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	160176	50.664	ng	78
17) 2-Methylphenol	8.47	107	143240	43.753	ng	92
18) Hexachloroethane	9.11	117	61407	40.288	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	133231	33.196	ng	# 86
20) 3+4-Methylphenols	8.80	107	192423	42.368	ng	94
22) Acetophenone	8.85	105	241791	39.745	ng	# 93
24) Nitrobenzene	9.23	77	198139	42.071	ng	# 91
25) Isophorone	9.76	82	377644	43.441	ng	100
26) 2-Nitrophenol	9.94	139	86945	51.981	ng	# 89
27) 2,4-Dimethylphenol	10.00	122	151075	53.358	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	199497	41.647	ng	93
29) 2,4-Dichlorophenol	10.48	162	165593	51.236	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	177209	44.714	ng	95
31) Naphthalene	10.88	128	433079	42.498	ng	96
32) Benzoic acid	10.17	122	74065	38.859	ng	97
33) 4-Chloroaniline	10.99	127	42012	9.459	ng	# 93
34) Hexachlorobutadiene	11.17	225	135126	43.725	ng	95
35) Caprolactam	11.77	113	31510	22.719	ng	# 65
36) 4-Chloro-3-methylphenol	12.12	107	199533	46.058	ng	91
37) 2-Methylnaphthalene	12.48	142	341402	44.968	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	234775	44.262	ng	98
40) Hexachlorocyclopentadiene	12.83	237	325313	116.944	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	153237	49.400	ng	96
43) 2,4,5-Trichlorophenol	13.17	196	166745	48.051	ng	96
45) 1,1'-Biphenyl	13.49	154	465754	42.747	ng	98
46) 2-Chloronaphthalene	13.53	162	373705	44.095	ng	97
47) 2-Nitroaniline	13.73	65	124594	41.584	ng	90
48) Acenaphthylene	14.38	152	604132	42.554	ng	99
49) Dimethylphthalate	14.11	163	506804	41.160	ng	99
50) 2,6-Dinitrotoluene	14.23	165	117454	46.843	ng	93
51) Acenaphthene	14.72	154	353354	39.956	ng	98
52) 3-Nitroaniline	14.56	138	42508	16.587	ng #	94
53) 2,4-Dinitrophenol	14.77	184	88489	69.564	ng #	62
54) Dibenzofuran	15.05	168	589929	41.944	ng	93
55) 4-Nitrophenol	14.88	139	169437	92.839	ng	88
56) 2,4-Dinitrotoluene	15.02	165	167072	46.445	ng #	88
57) Fluorene	15.70	166	489435	41.519	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	163133	49.031	ng	92
59) Diethylphthalate	15.47	149	503849	39.796	ng	98
60) 4-Chlorophenyl-phenylether	15.69	204	286953	41.416	ng	97
61) 4-Nitroaniline	15.73	138	106262	39.640	ng	86
62) Azobenzene	15.98	77	503929	40.351	ng	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	79784	39.896	ng	82
65) n-Nitrosodiphenylamine	15.91	169	439842	43.015	ng	94
66) 4-Bromophenyl-phenylether	16.58	248	193787	46.496	ng	92
67) Hexachlorobenzene	16.70	284	196702	45.829	ng	93
68) Atrazine	16.85	200	200689	47.668	ng	98
69) Pentachlorophenol	17.05	266	170299	65.142	ng	99
70) Phenanthrene	17.44	178	782013	43.625	ng	98
71) Anthracene	17.53	178	807867	45.261	ng	98
72) Carbazole	17.80	167	723044	42.655	ng	98
73) Di-n-butylphthalate	18.35	149	847625	42.315	ng #	99
74) Fluoranthene	19.45	202	1031376	42.715	ng	95
76) Benzidine	19.62	184	295569	29.985	ng	99
77) Pyrene	19.81	202	1034654	43.643	ng	96
79) Butylbenzylphthalate	20.69	149	389544	45.948	ng	97
80) Benzo(a)anthracene	21.64	228	1029945	44.081	ng	98
81) 3,3'-Dichlorobenzidine	21.56	252	186790	22.928	ng #	98
82) Chrysene	21.70	228	956448	44.175	ng	96
83) Bis(2-ethylhexyl)phthalate	21.54	149	535895	46.496	ng	100
84) Di-n-octyl phthalate	22.74	149	911404	47.227	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.51	276	1106482	46.159	ng #	93
87) Benzo(b)fluoranthene	23.85	252	994985	44.569	ng #	95
88) Benzo(k)fluoranthene	23.91	252	957736	43.882	ng #	96
89) Benzo(a)pyrene	24.71	252	961576	46.299	ng #	97
90) Dibenzo(a,h)anthracene	28.57	278	938909	46.048	ng #	95
91) Benzo(g,h,i)perylene	29.65	276	928407	46.531	ng #	92

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

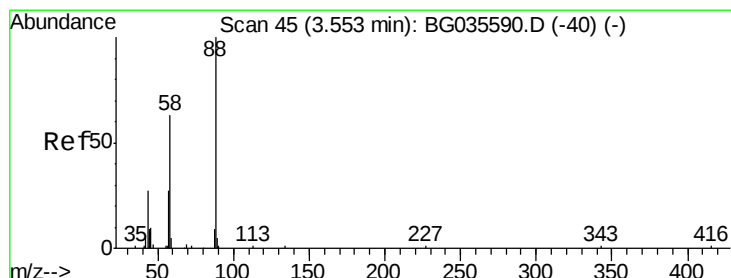
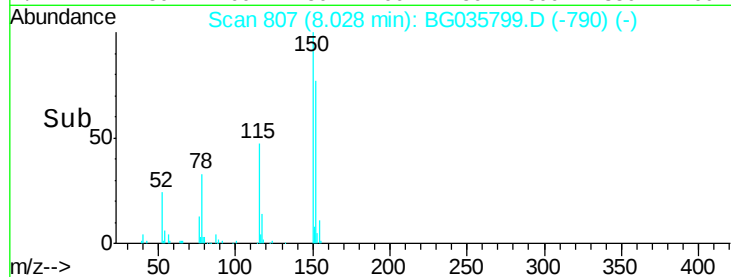
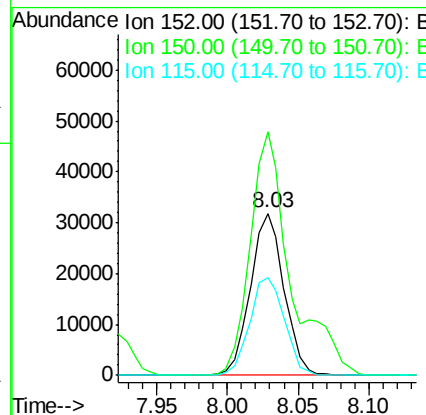
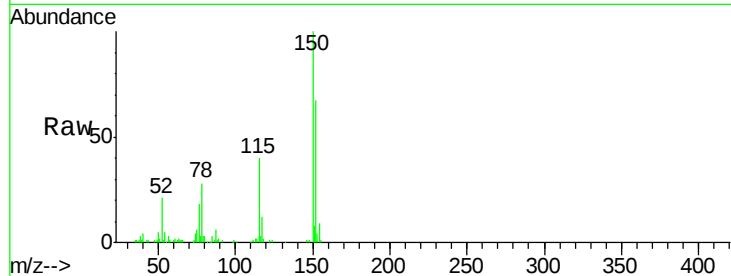


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

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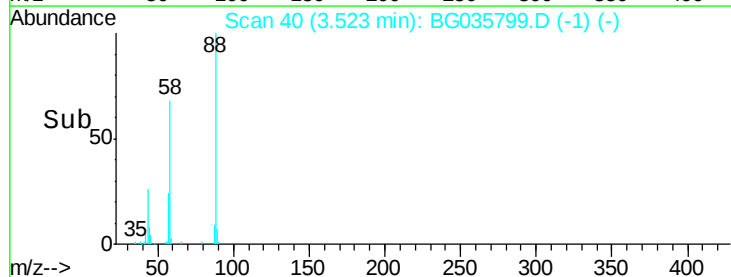
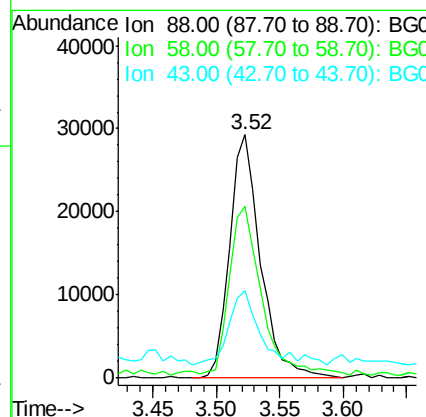
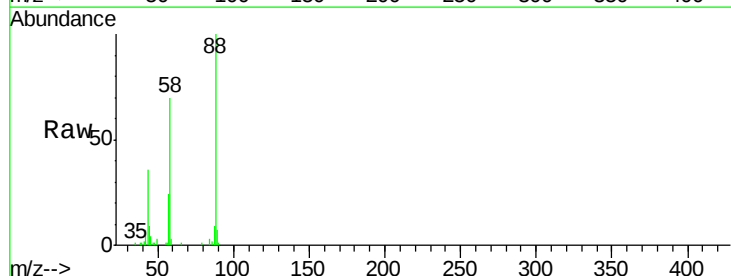
Tgt Ion:152 Resp: 53036
Ion Ratio Lower Upper
152 100
150 150.1 126.6 189.8
115 60.3 53.0 79.4

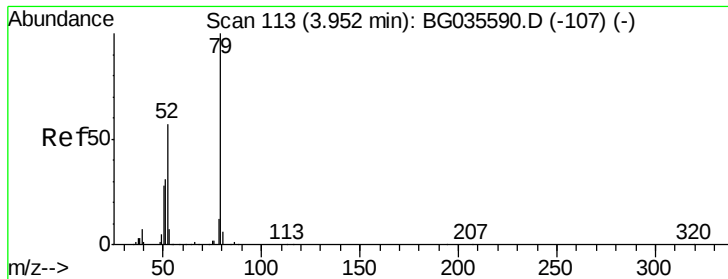


#2

1,4-Dioxane
Concen: 30.311 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Tgt Ion: 88 Resp: 49283
Ion Ratio Lower Upper
88 100
58 71.0 79.6 119.4#
43 32.3 27.4 41.0





#3

Pyridine

Concen: 33.869 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

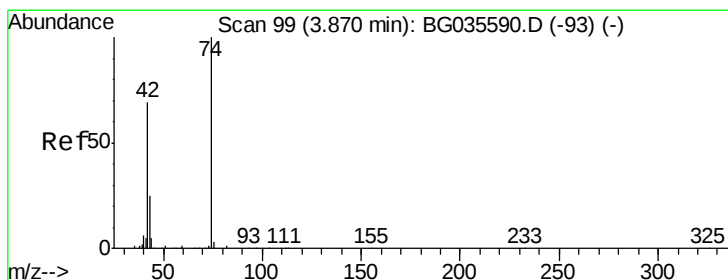
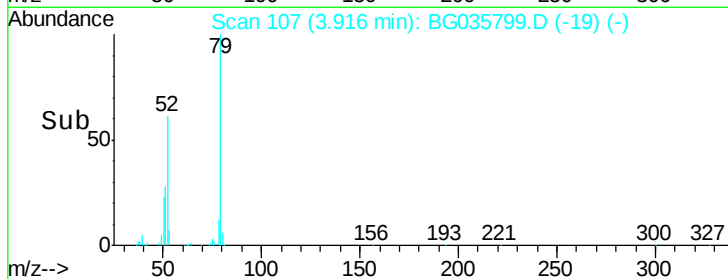
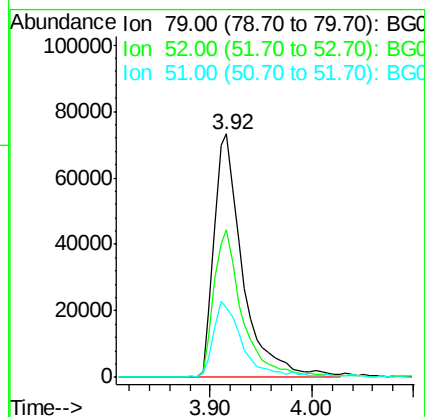
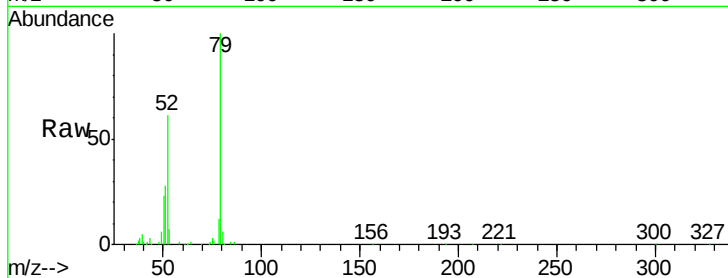
Tgt Ion: 79 Resp: 143760

Ion Ratio Lower Upper

79 100

52 60.7 69.9 104.9#

51 28.3 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 32.897 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

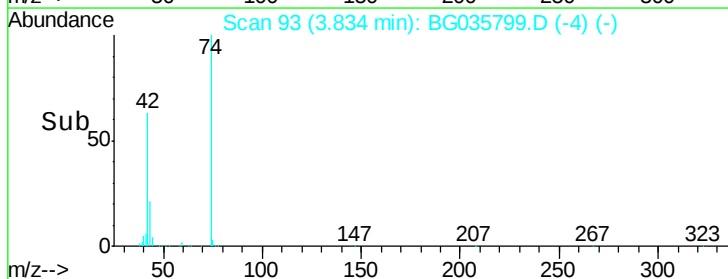
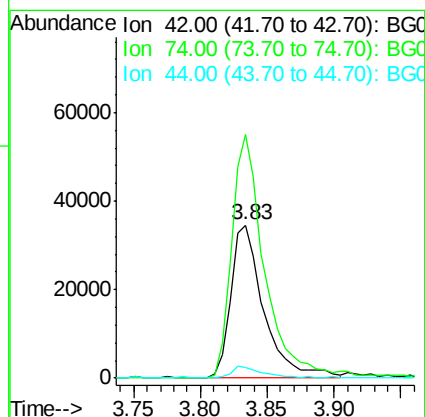
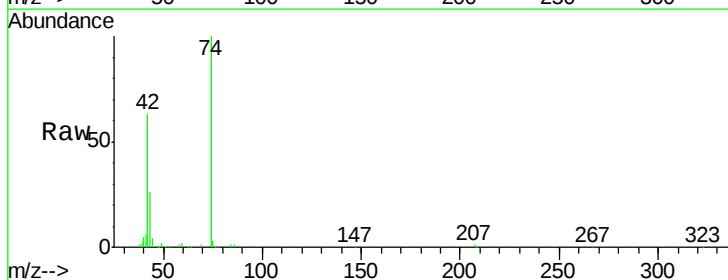
Tgt Ion: 42 Resp: 59956

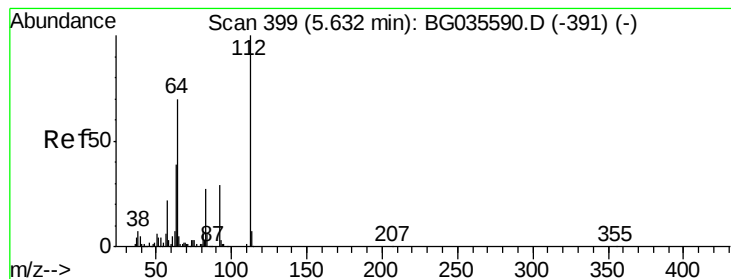
Ion Ratio Lower Upper

42 100

74 158.8 102.5 153.7#

44 7.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 134.093 ng

RT: 5.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG035799.D

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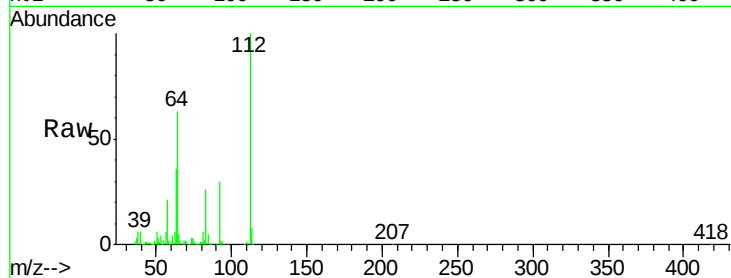
Tgt Ion: 112 Resp: 428358

Ion Ratio Lower Upper

112 100

64 62.6 56.3 84.5

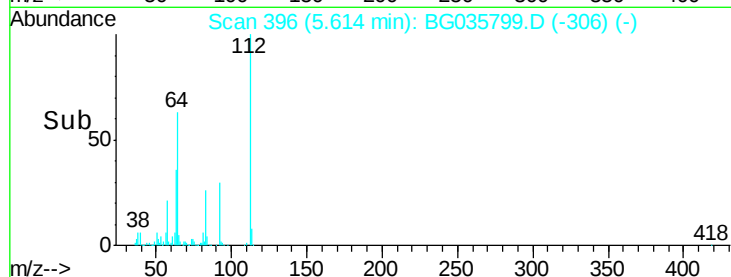
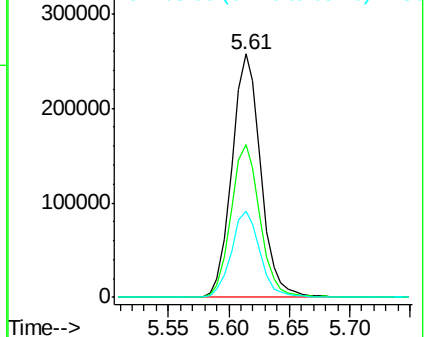
63 35.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.683 ng

RT: 7.36 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

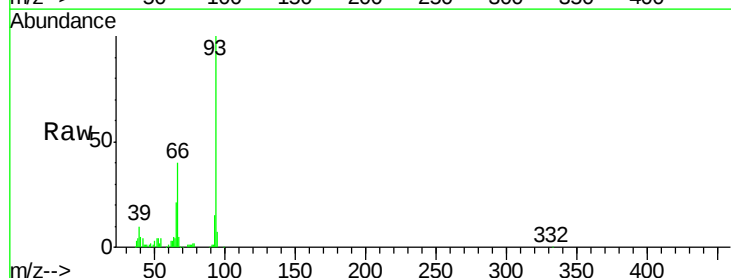
Tgt Ion: 93 Resp: 133951

Ion Ratio Lower Upper

93 100

66 40.0 33.7 50.5

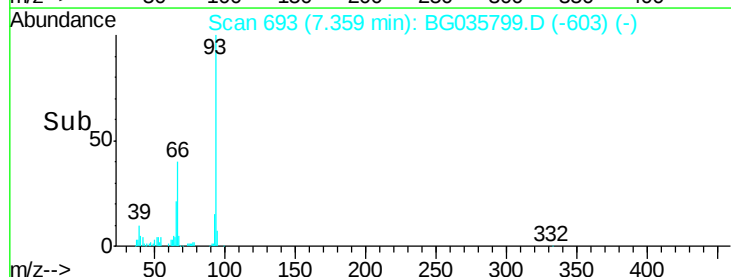
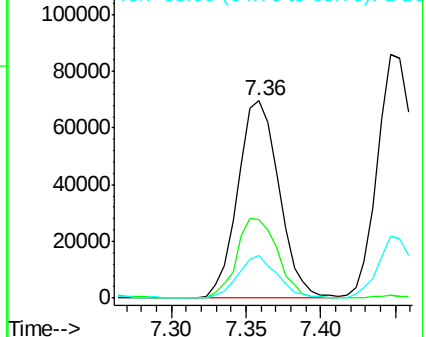
65 21.3 16.1 24.1



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: 129.856 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.01 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

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ClientSampleId :

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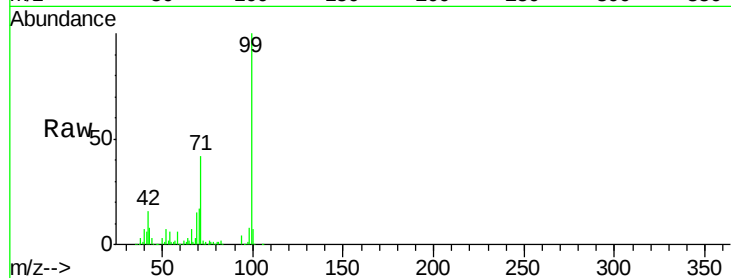
Tgt Ion: 99 Resp: 618913

Ion Ratio Lower Upper

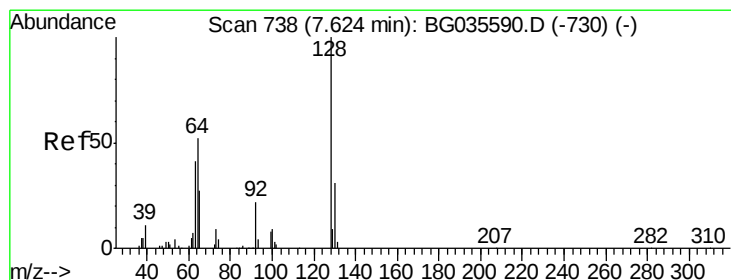
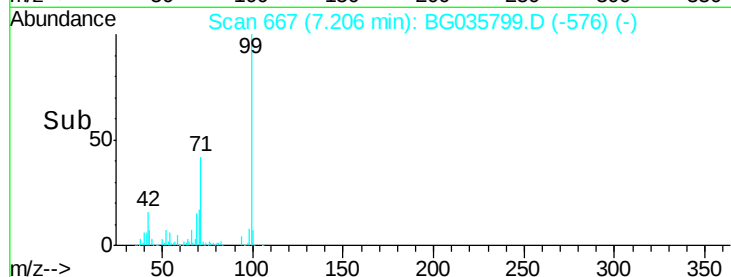
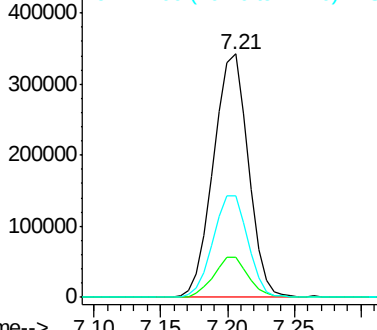
99 100

42 16.3 14.1 21.1

71 41.9 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: 44.687 ng

RT: 7.60 min Scan# 734

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

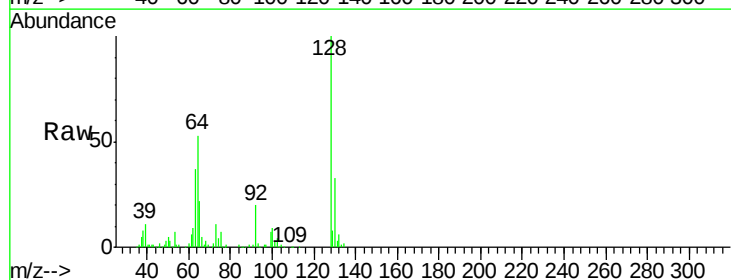
Tgt Ion: 128 Resp: 145187

Ion Ratio Lower Upper

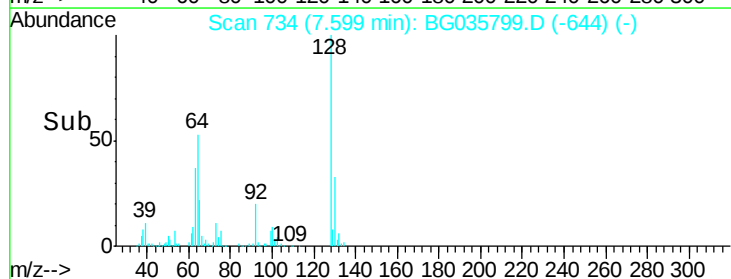
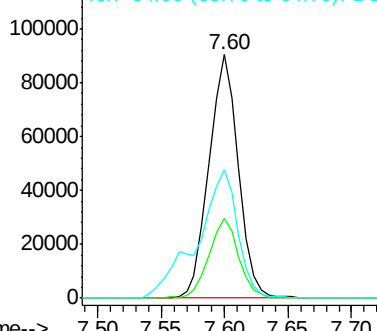
128 100

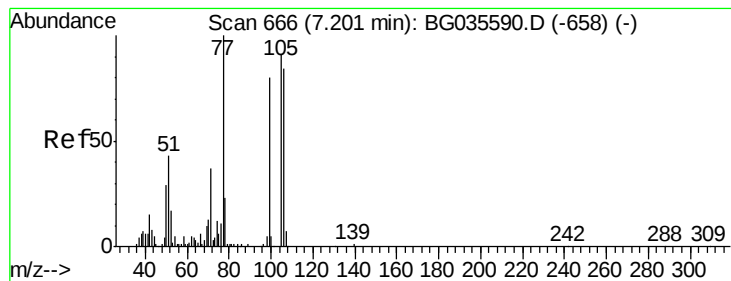
130 32.8 14.0 54.0

64 52.8 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: 25.886 ng

RT: 7.17 min Scan# 661

Delta R.T. 0.00 min

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Acq: 21 Jul 2018 00:37

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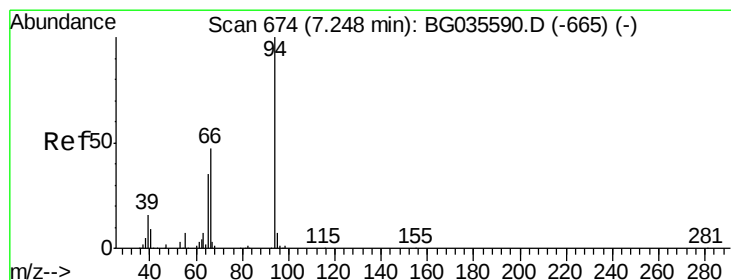
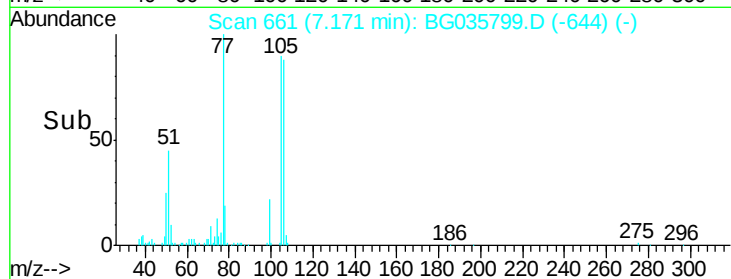
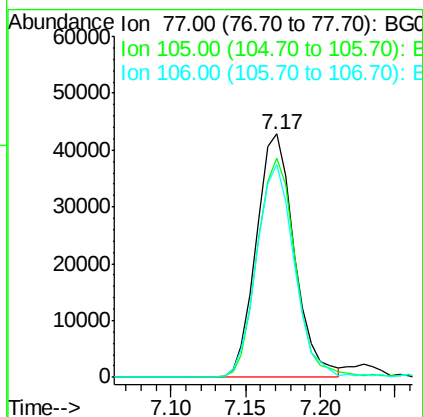
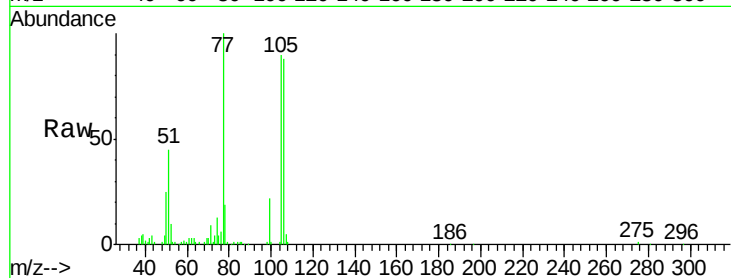
Tgt Ion: 77 Resp: 75700

Ion Ratio Lower Upper

77 100

105 89.8 71.3 111.3

106 87.6 64.2 104.2



#10

Phenol

Concen: 43.995 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

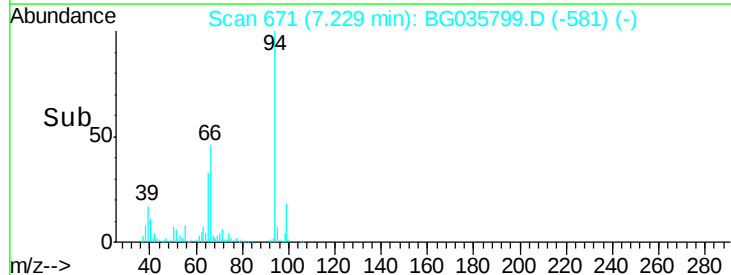
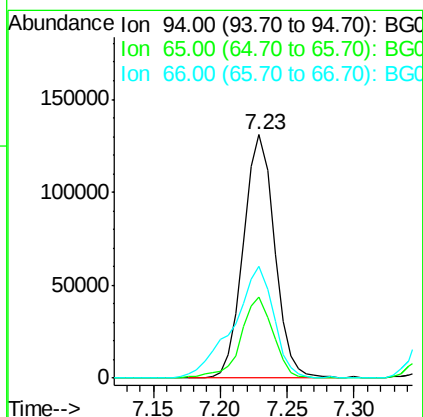
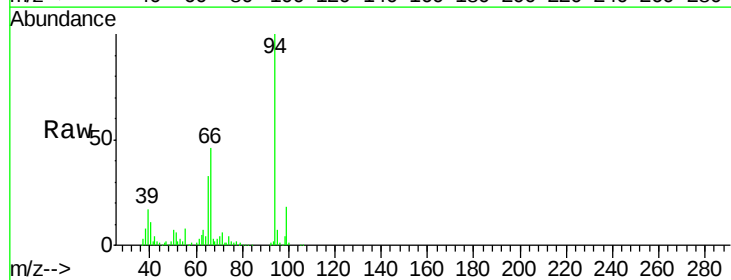
Tgt Ion: 94 Resp: 211847

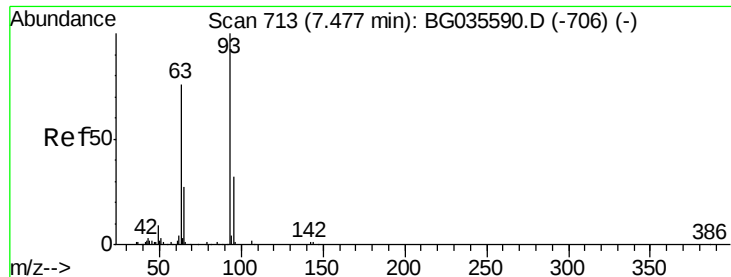
Ion Ratio Lower Upper

94 100

65 33.2 11.9 51.9

66 45.7 22.2 62.2

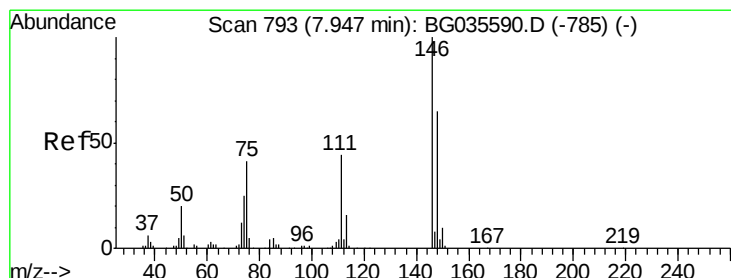
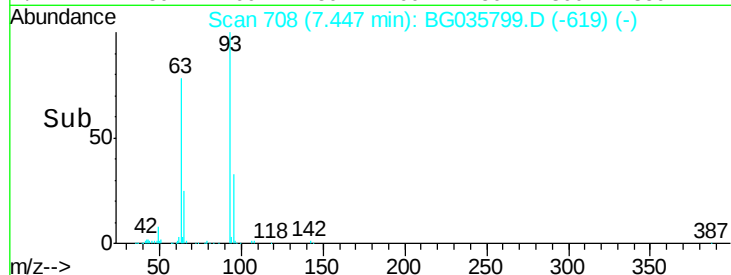
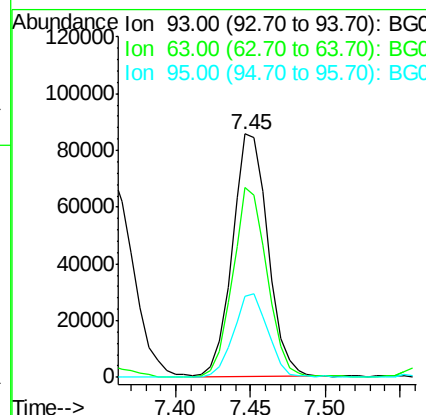
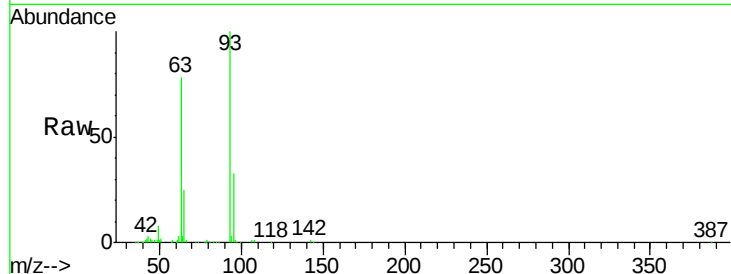




#11
bis(2-Chloroethyl)ether
Concen: 37.645 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.01 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

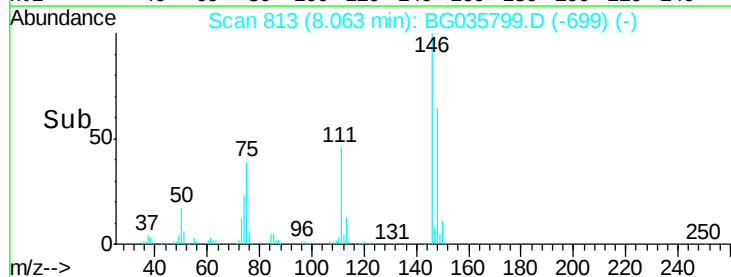
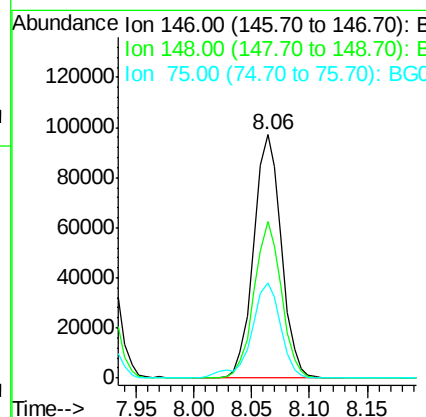
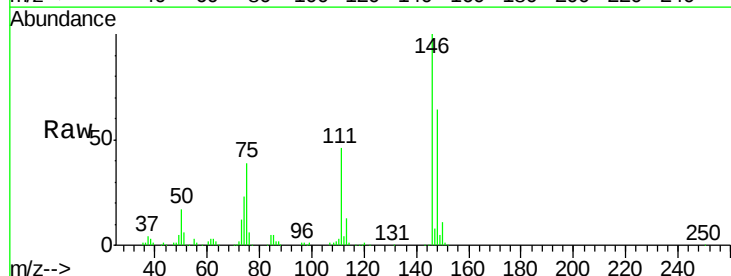
Instrument :
BNA_G
ClientSampleId :
PB111227BSD

Tgt Ion: 93 Resp: 141960
Ion Ratio Lower Upper
93 100
63 77.9 67.1 107.1
95 33.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.254 ng
RT: 8.06 min Scan# 813
Delta R.T. 0.14 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Tgt Ion: 146 Resp: 161857
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
75 38.9 26.6 39.8

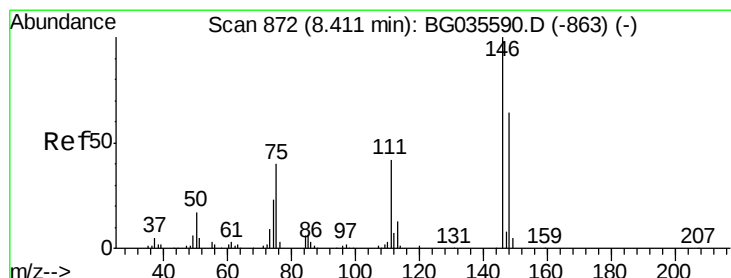
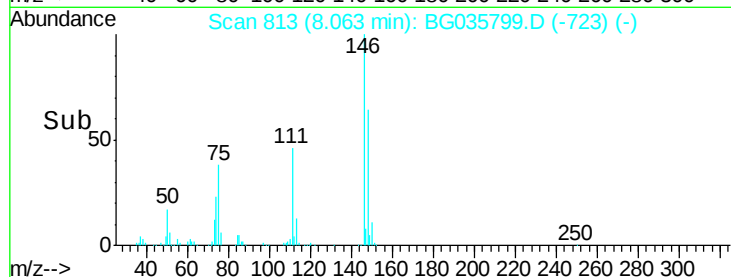
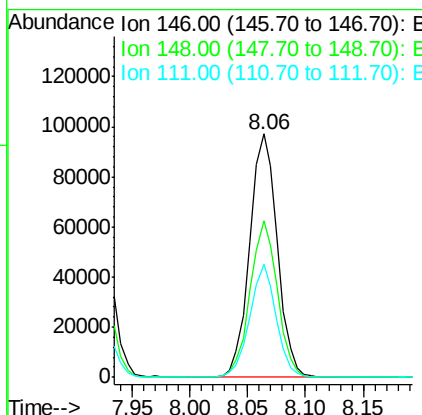
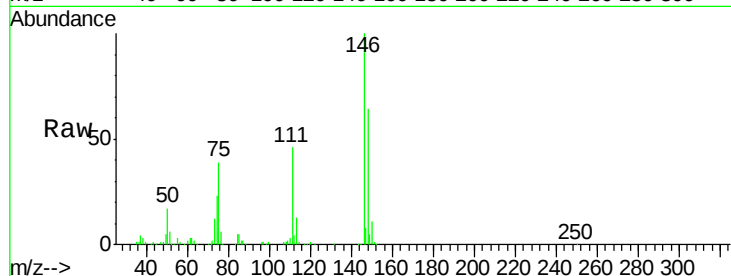




#13
 1,4-Dichlorobenzene
 Concen: 40.602 ng
 RT: 8.06 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

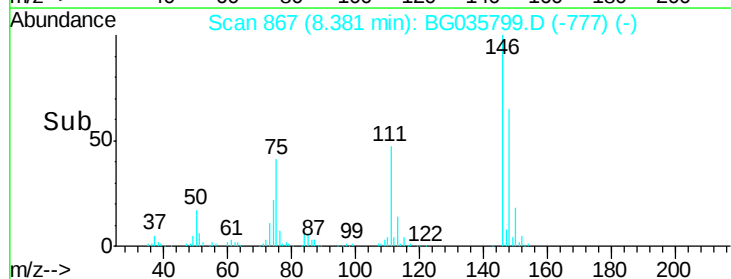
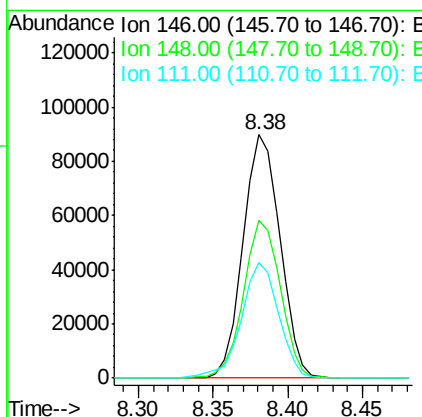
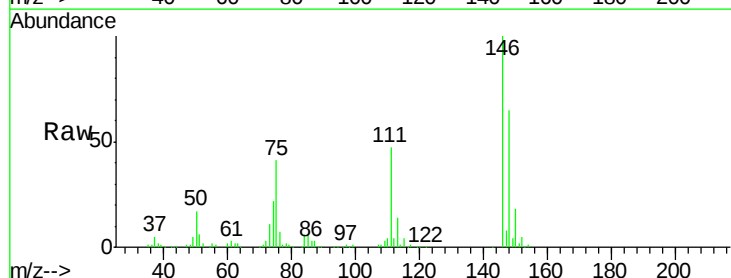
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BSD

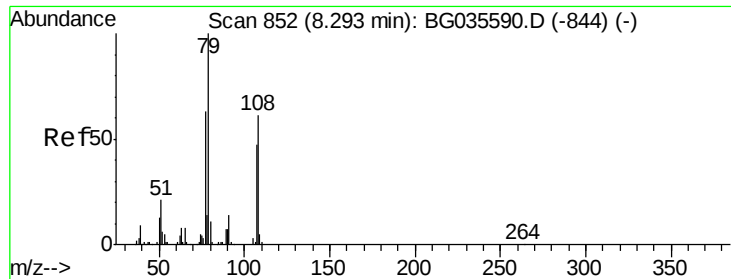
Tgt Ion:146 Resp: 161857
 Ion Ratio Lower Upper
 146 100
 148 64.5 53.7 80.5
 111 46.4 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 40.176 ng
 RT: 8.38 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Tgt Ion:146 Resp: 153856
 Ion Ratio Lower Upper
 146 100
 148 64.7 49.3 73.9
 111 47.3 34.3 51.5





#15

Benzyl Alcohol

Concen: 38.455 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

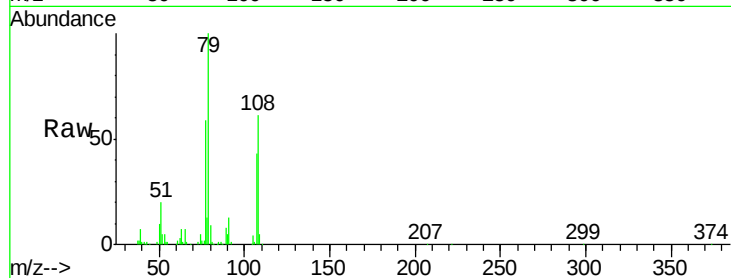
Tgt Ion: 79 Resp: 166437

Ion Ratio Lower Upper

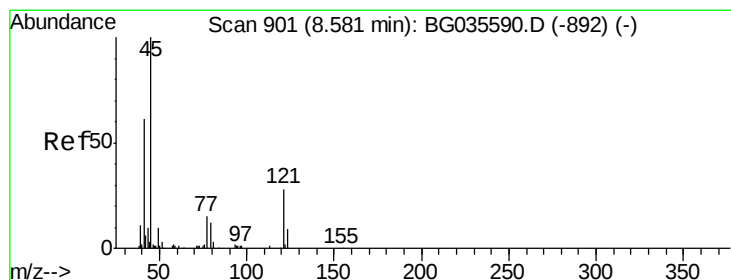
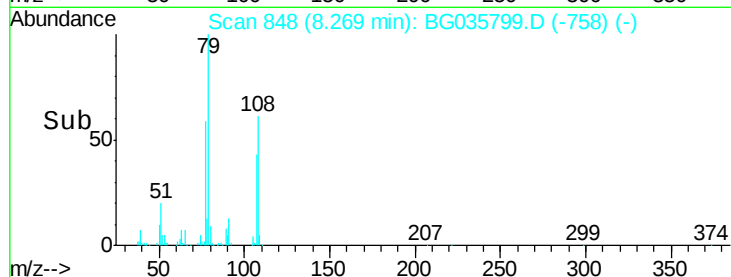
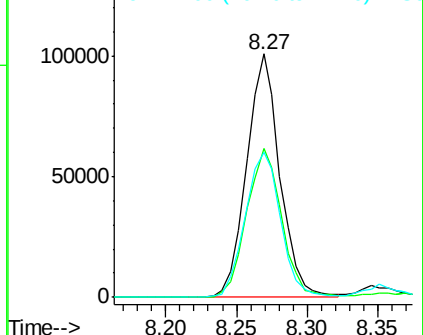
79 100

108 61.3 57.2 85.8

77 59.4 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.664 ng

RT: 8.55 min Scan# 896

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

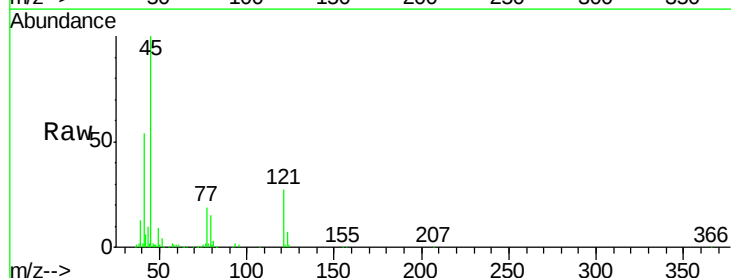
Tgt Ion: 45 Resp: 160176

Ion Ratio Lower Upper

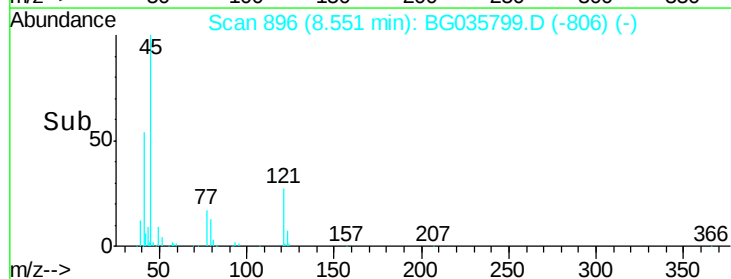
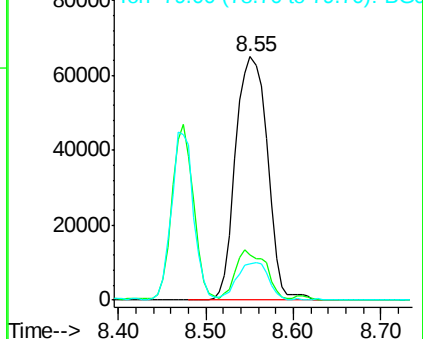
45 100

77 18.8 0.0 30.2

79 14.8 0.0 27.9



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





#17

2-Methylphenol

Concen: 43.753 ng

RT: 8.47 min Scan# 883

Delta R.T. 0.01 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

Tgt Ion:107 Resp: 143240

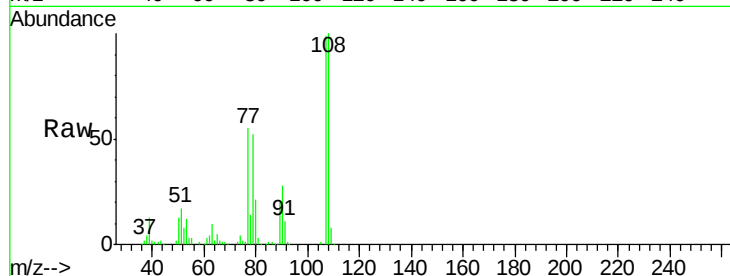
Ion Ratio Lower Upper

107 100

108 100.6 83.9 125.9

77 55.7 37.2 55.8

79 52.4 36.2 54.2

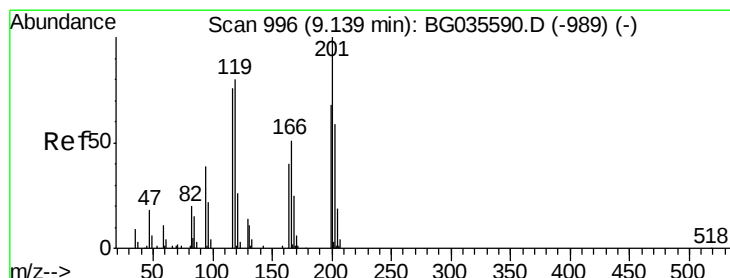
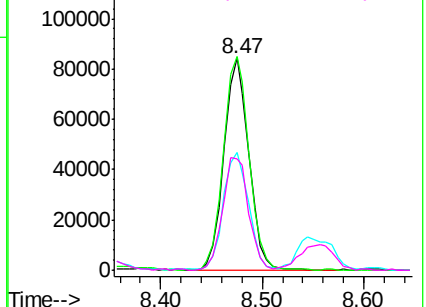
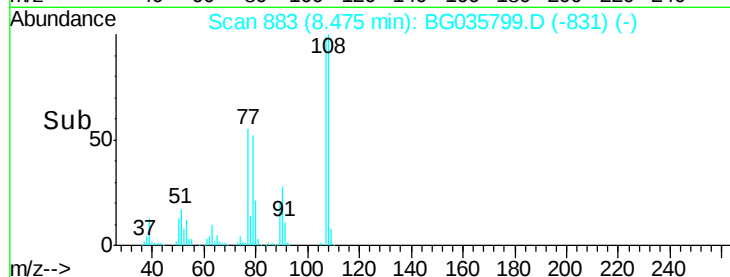


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 40.288 ng

RT: 9.11 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

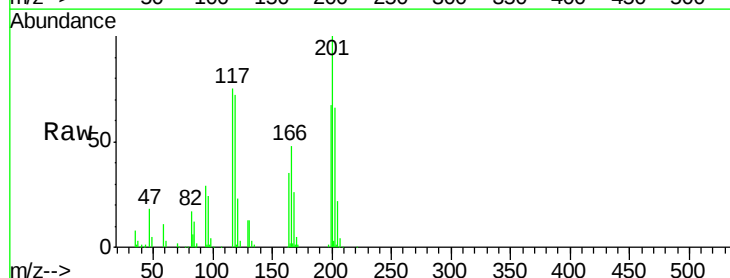
Tgt Ion:117 Resp: 61407

Ion Ratio Lower Upper

117 100

119 95.9 76.7 115.1

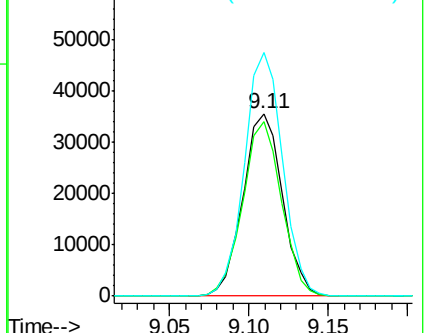
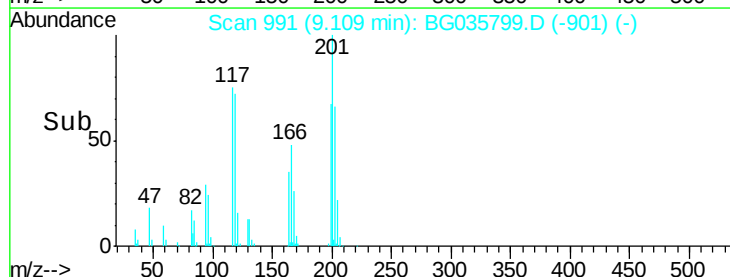
201 133.4 95.7 143.5

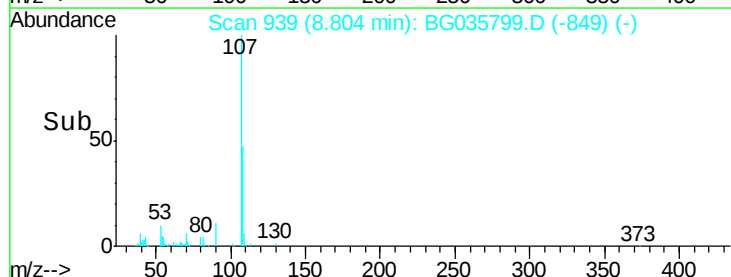
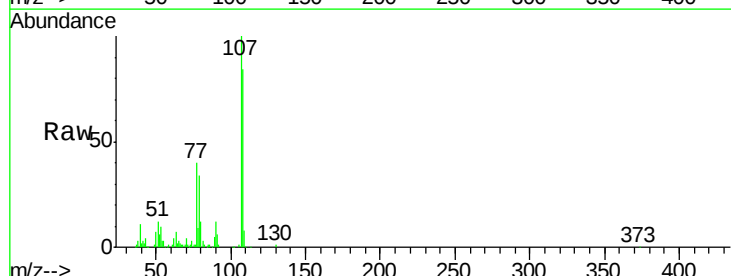
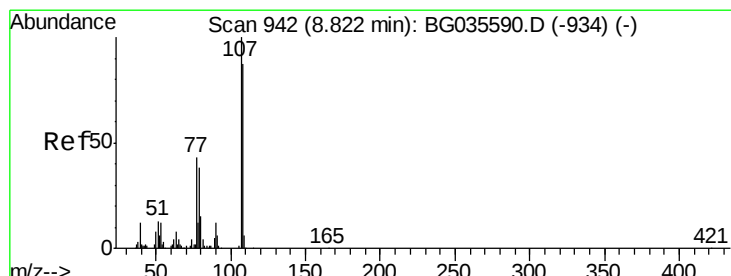
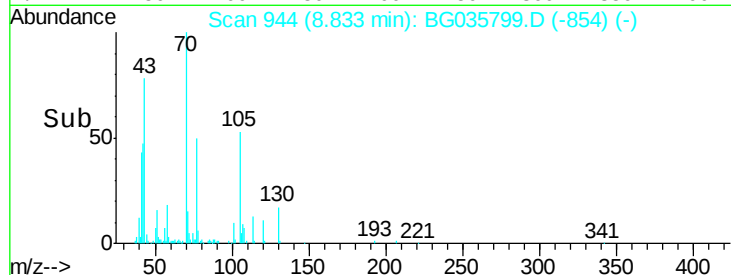
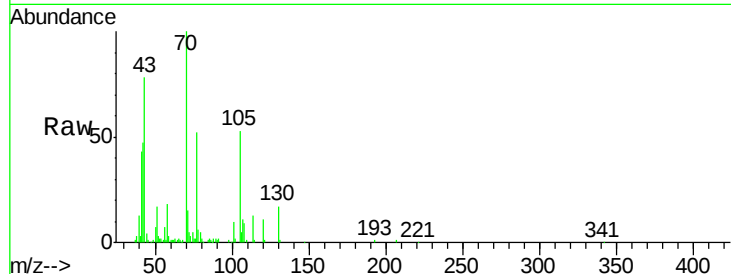
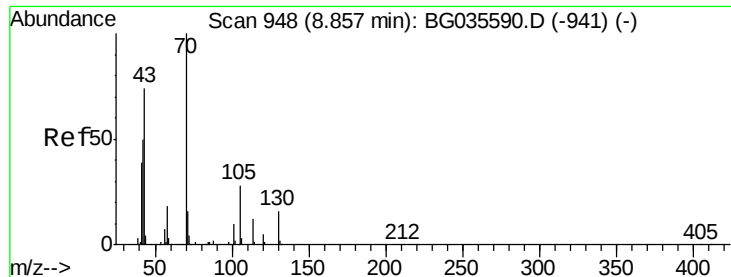


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

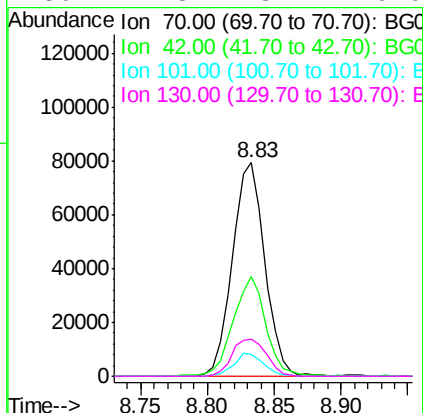




#19
n-Nitroso-di-n-propylamine
Concen: 33.196 ng
RT: 8.83 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

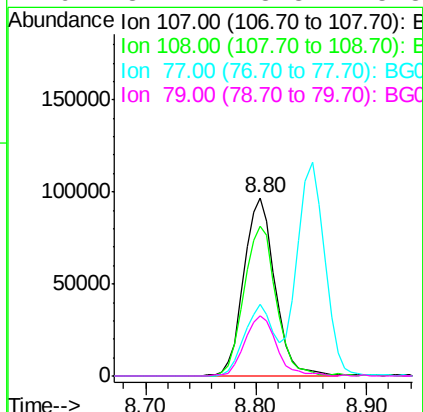
Instrument :
BNA_G
ClientSampleId :
PB111227BSD

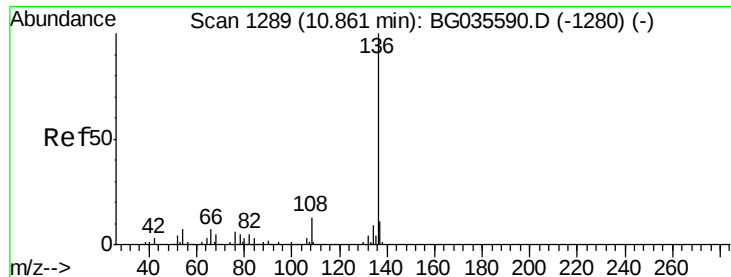
Tgt Ion:	70	Resp:	133231
Ion	Ratio	Lower	Upper
70	100		
42	46.6	49.1	73.7#
101	10.3	8.5	12.7
130	17.3	13.4	20.0



#20
3+4-Methylphenols
Concen: 42.368 ng
RT: 8.80 min Scan# 939
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Tgt Ion:	107	Resp:	192423
Ion	Ratio	Lower	Upper
107	100		
108	84.2	61.6	101.6
77	40.3	13.9	53.9
79	34.1	8.8	48.8

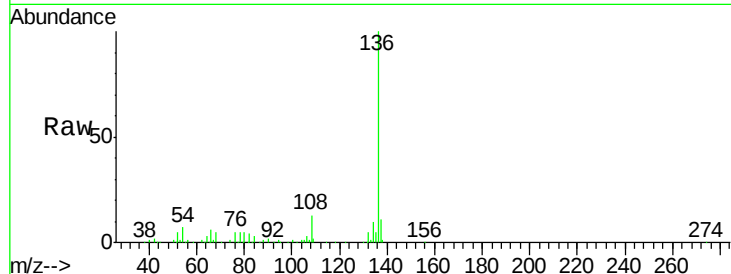




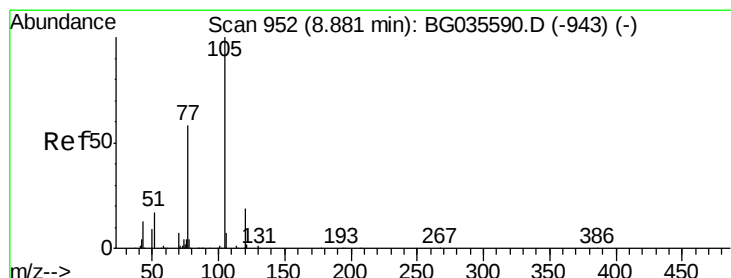
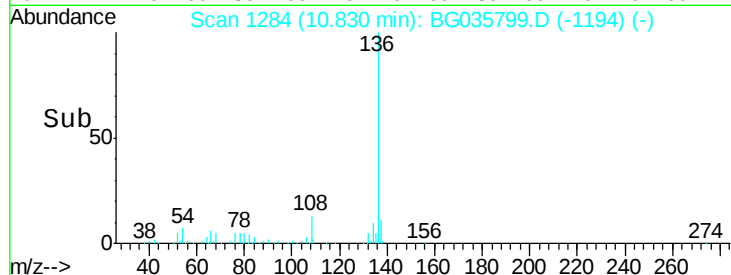
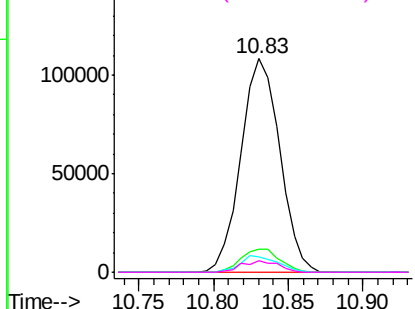
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB111227BSD

Tgt Ion:	136	Resp:	195631
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.0	10.3	15.5#
68	5.3	4.5	6.7

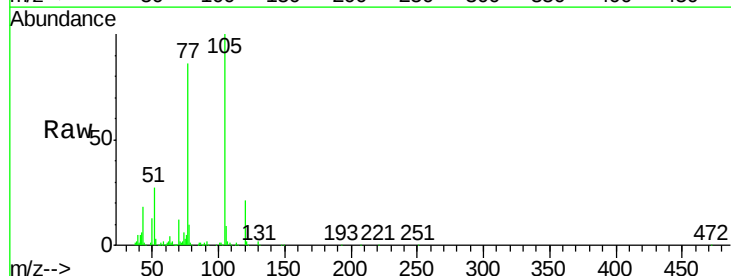


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

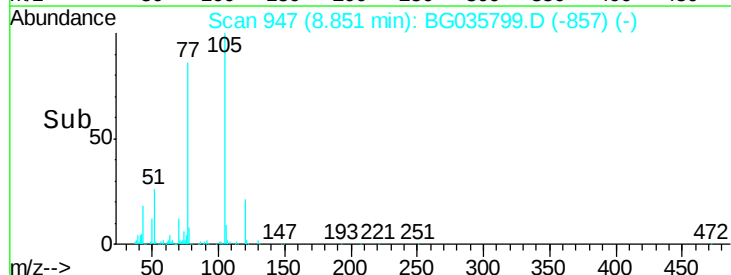
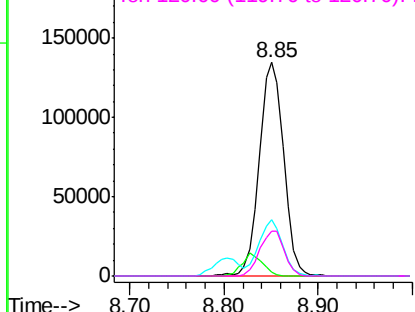


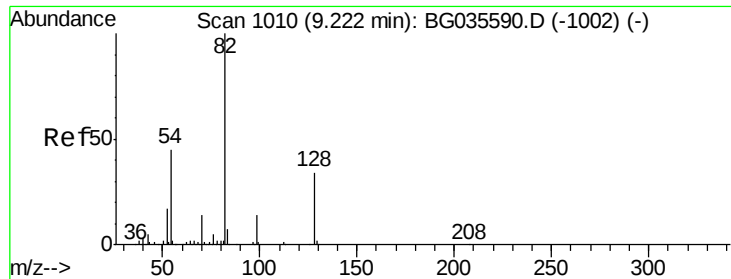
#22
Acetophenone
Concen: 39.745 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Tgt Ion:	105	Resp:	241791
Ion	Ratio	Lower	Upper
105	100		
71	2.1	3.0	4.4#
51	26.5	26.1	39.1
120	20.9	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

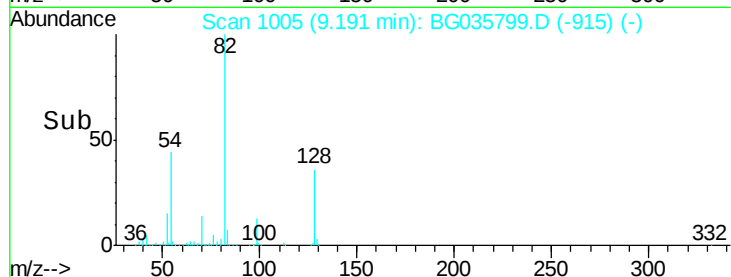
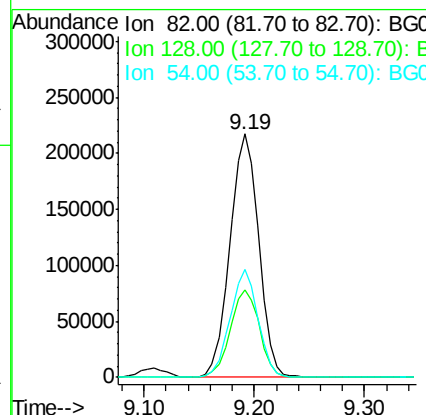
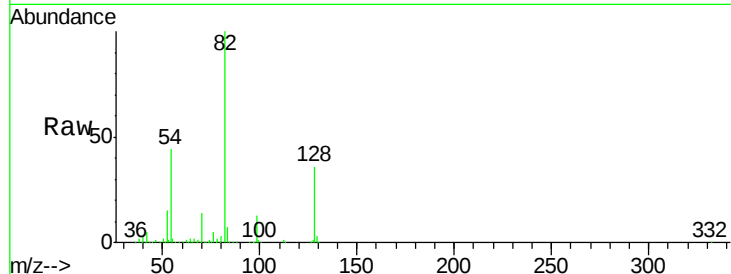




#23
 Nitrobenzene-d5
 Concen: 84.519 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

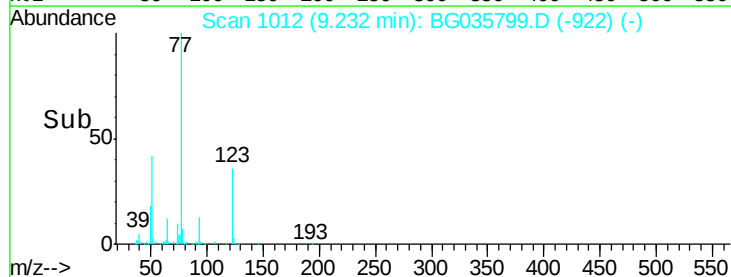
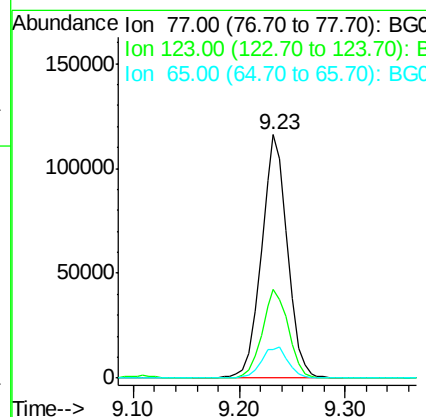
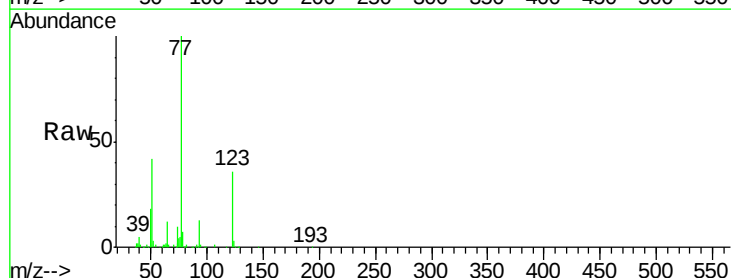
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BSD

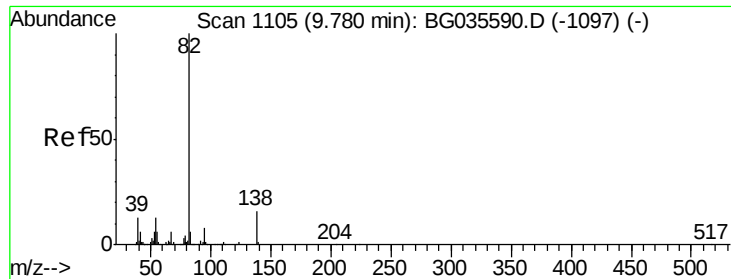
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.7	44.5
54	44.1	43.1	64.7



#24
 Nitrobenzene
 Concen: 42.071 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.3	33.0	49.6
65	11.9	13.0	19.6#

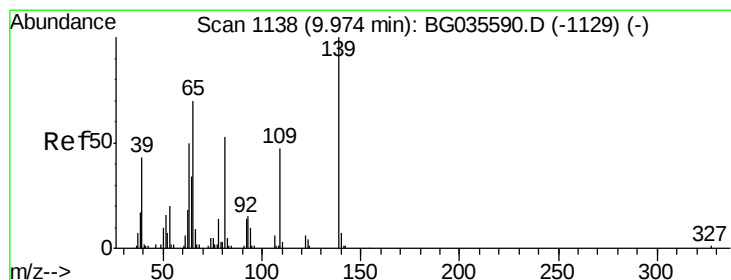
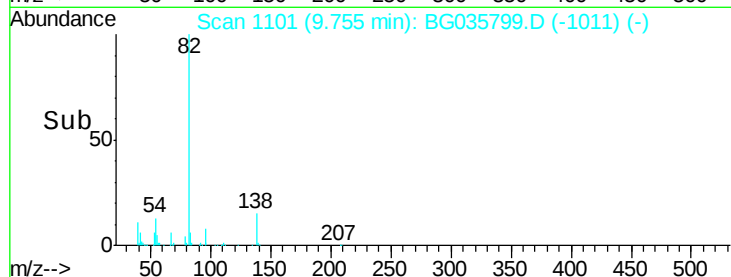
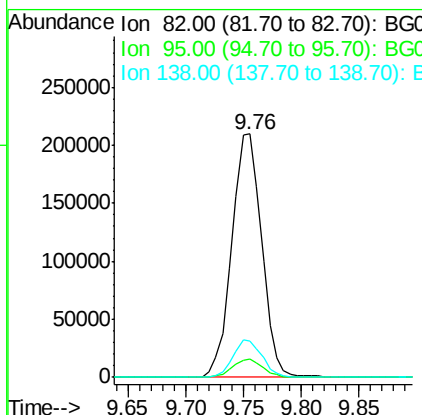
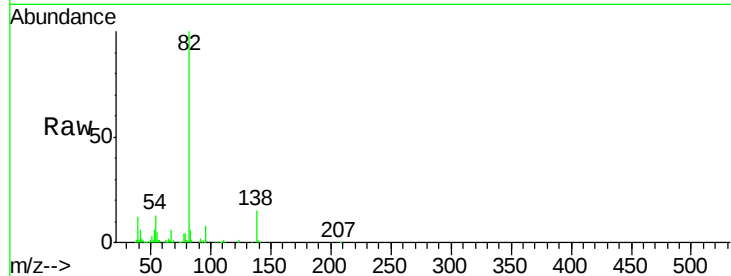




#25
Isophorone
Concen: 43.441 ng
RT: 9.76 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

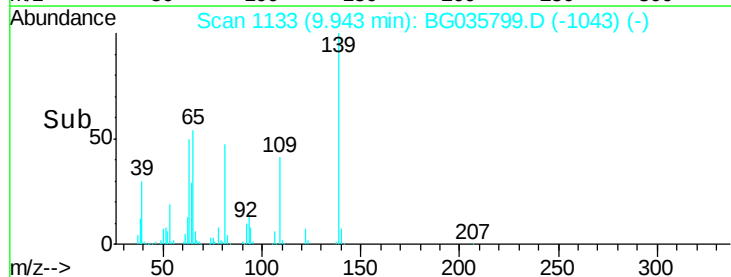
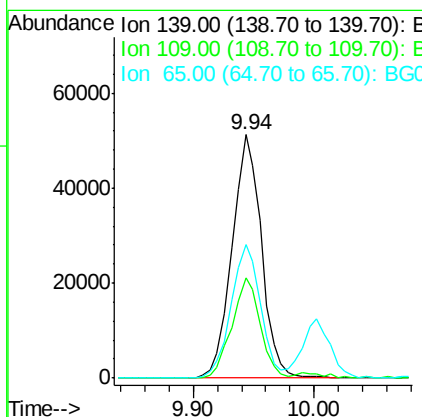
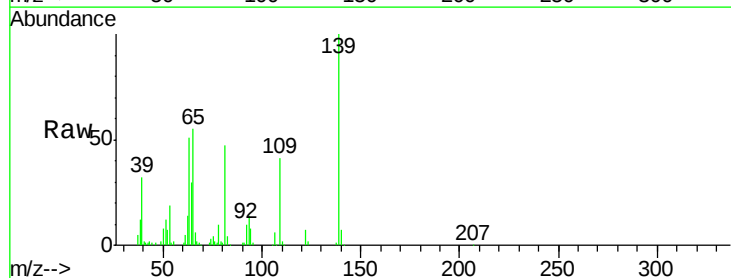
Instrument :
BNA_G
ClientSampleId :
PB111227BSD

Tgt Ion: 82 Resp: 377644
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 14.9 12.1 18.1



#26
2-Nitrophenol
Concen: 51.981 ng
RT: 9.94 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Tgt Ion: 139 Resp: 86945
Ion Ratio Lower Upper
139 100
109 41.4 24.2 36.2#
65 54.7 47.4 71.0

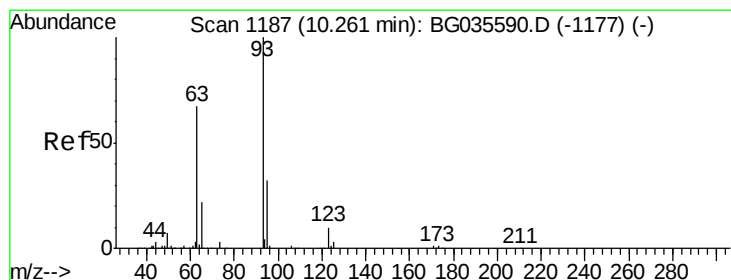
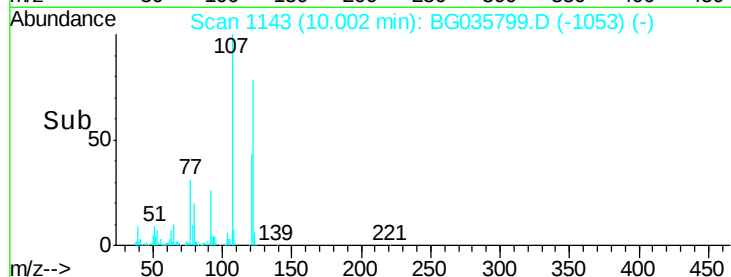
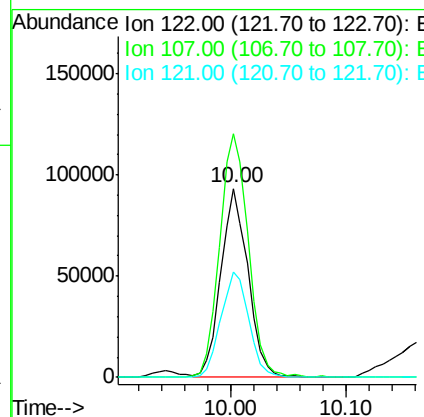
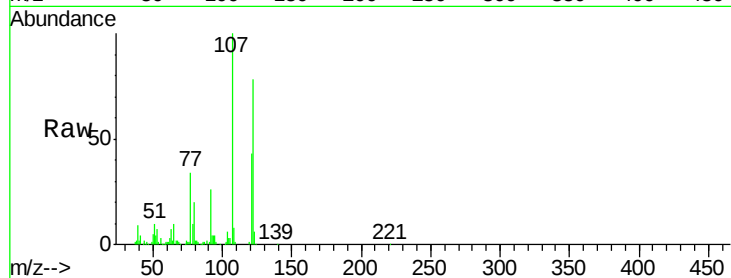




#27
 2,4-Dimethylphenol
 Concen: 53.358 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

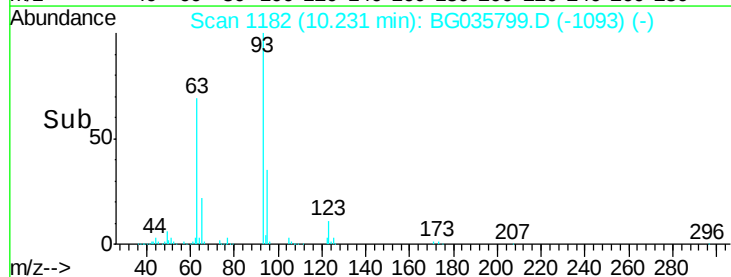
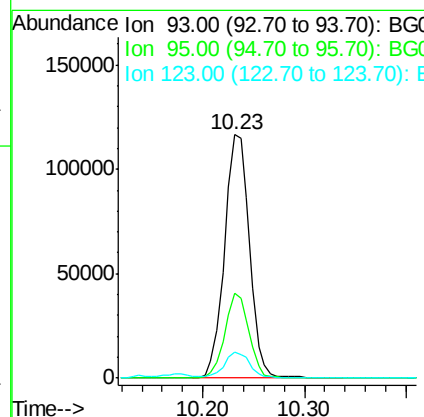
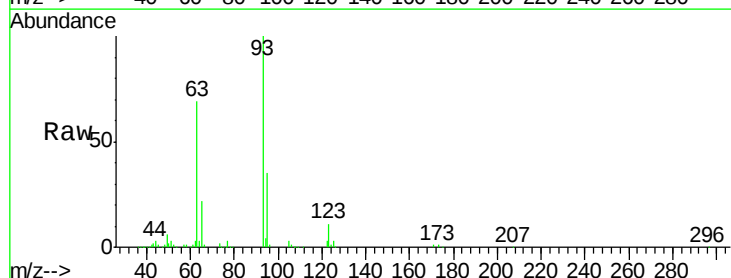
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BSD

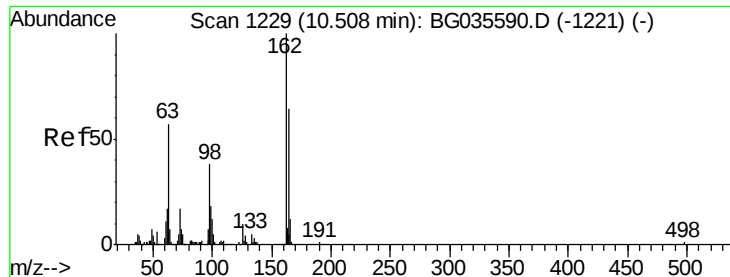
Tgt Ion:122 Resp: 151075
 Ion Ratio Lower Upper
 122 100
 107 129.0 100.2 150.2
 121 55.7 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.647 ng
 RT: 10.23 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Tgt Ion: 93 Resp: 199497
 Ion Ratio Lower Upper
 93 100
 95 35.1 24.3 36.5
 123 10.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 51.236 ng

RT: 10.48 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

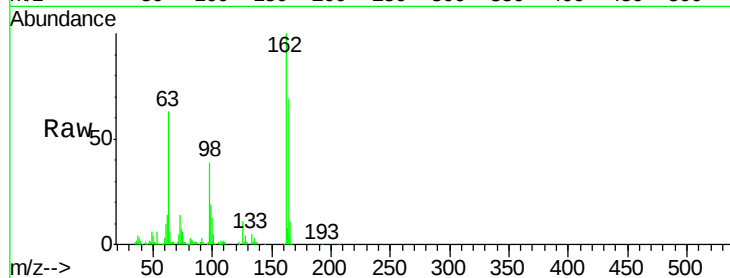
Tgt Ion:162 Resp: 165593

Ion Ratio Lower Upper

162 100

164 68.8 48.0 88.0

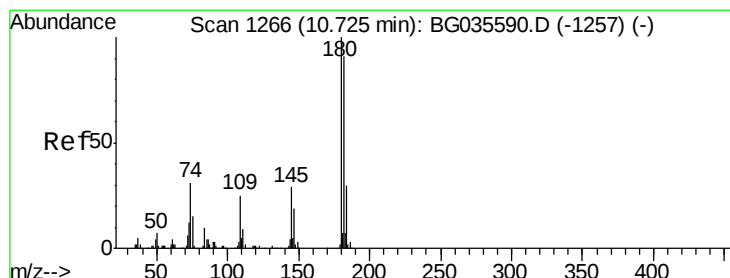
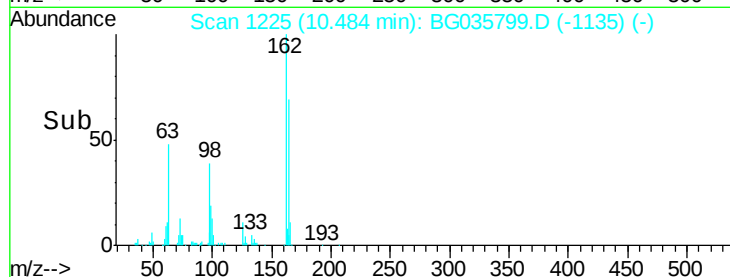
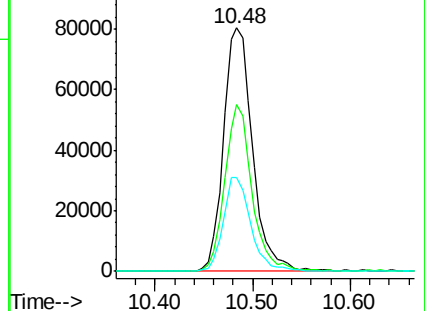
98 38.8 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 44.714 ng

RT: 10.70 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

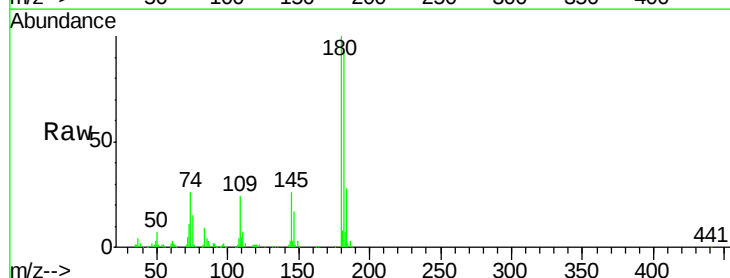
Tgt Ion:180 Resp: 177209

Ion Ratio Lower Upper

180 100

182 93.0 77.5 116.3

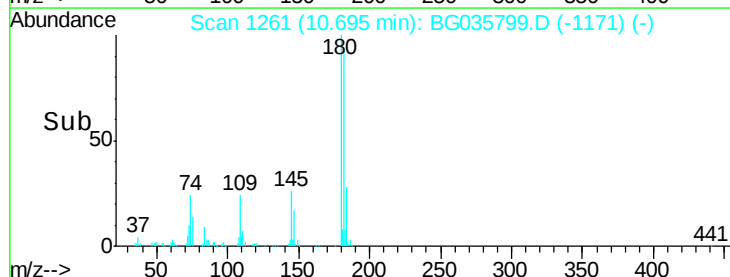
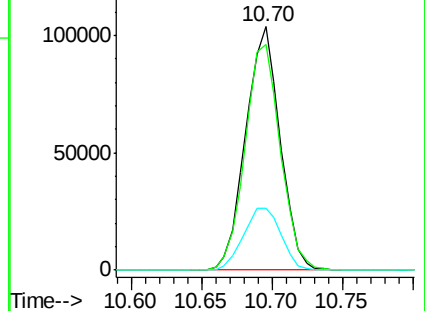
145 25.6 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

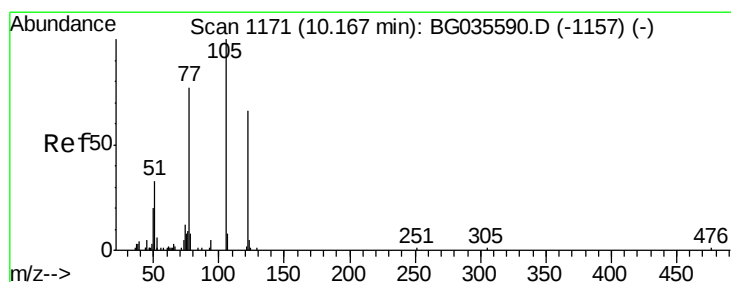
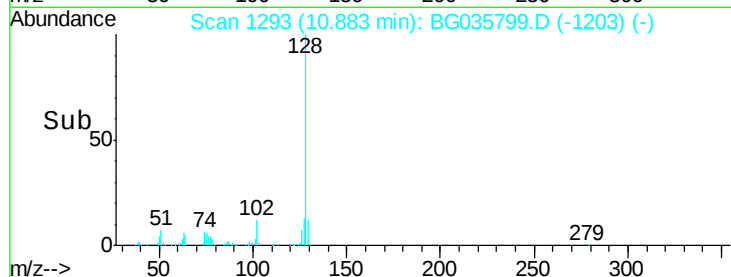
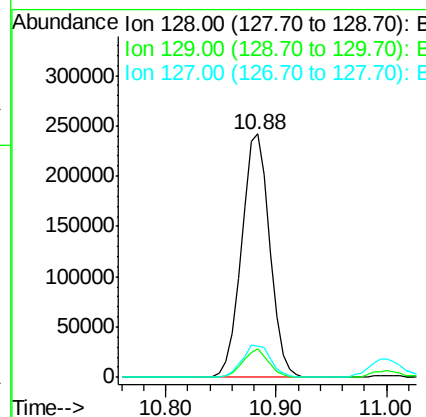
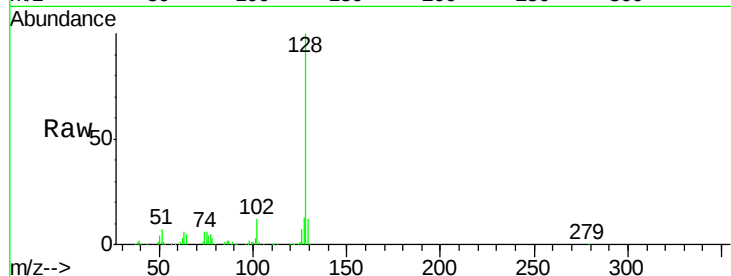




#31
Naphthalene
Concen: 42.498 ng
RT: 10.88 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

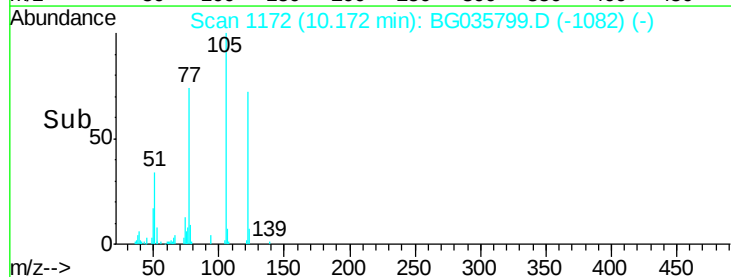
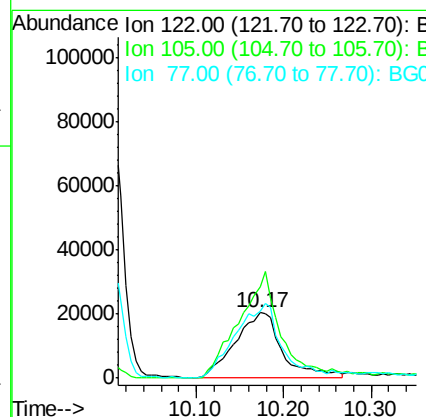
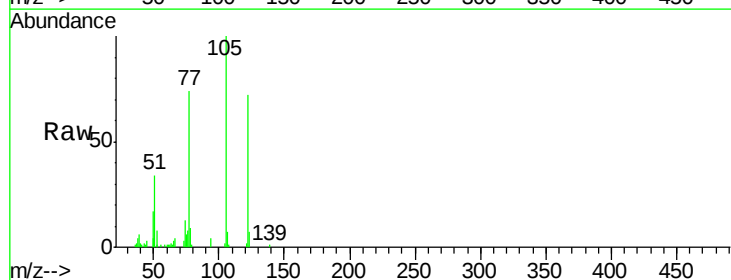
Instrument :
BNA_G
ClientSampleId :
PB111227BSD

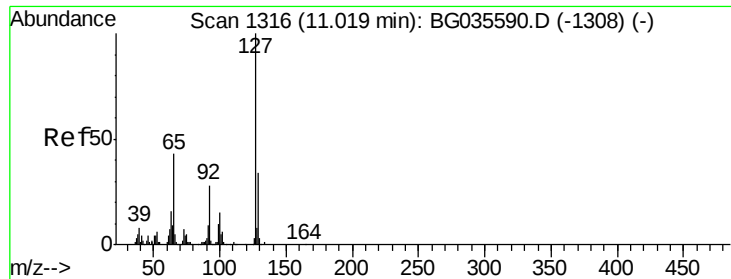
Tgt Ion:128 Resp: 433079
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 12.6 11.6 17.4



#32
Benzoic acid
Concen: 38.859 ng
RT: 10.17 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Tgt Ion:122 Resp: 74065
Ion Ratio Lower Upper
122 100
105 139.3 123.5 163.5
77 103.4 85.7 125.7

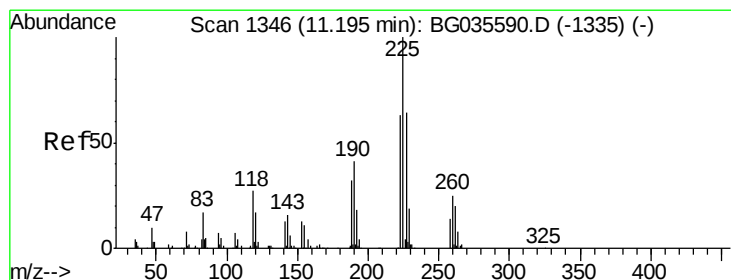
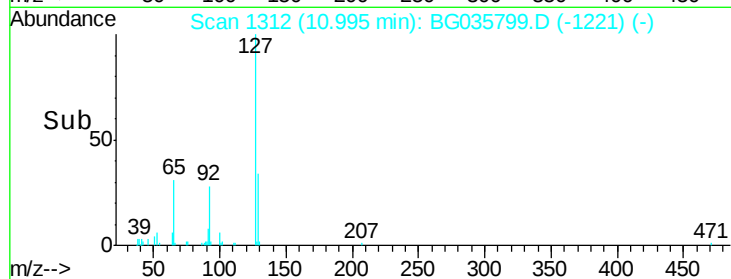
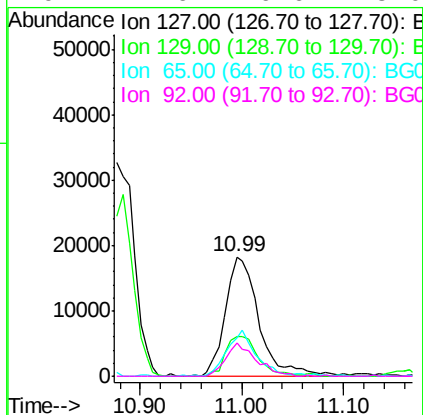
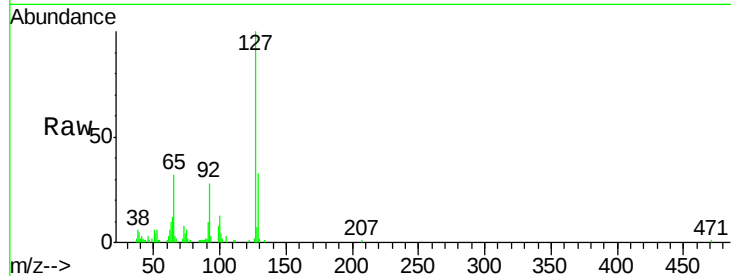




#33
4-Chloroaniline
Concen: 9.459 ng
RT: 10.99 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

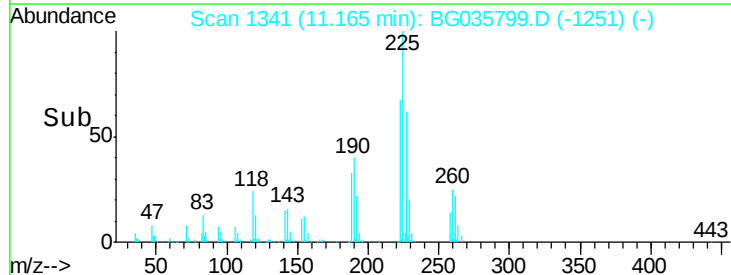
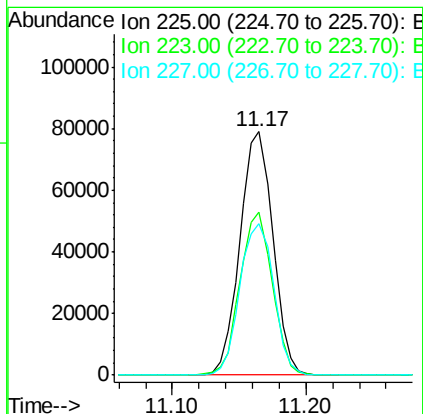
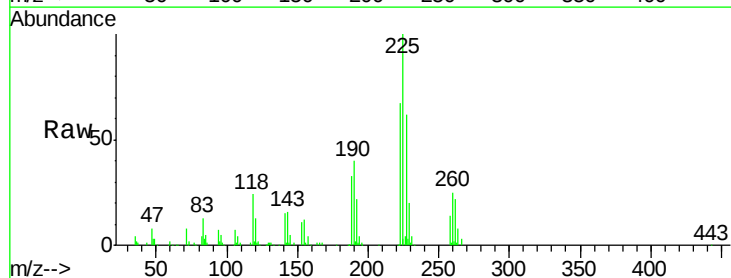
Instrument :
BNA_G
ClientSampleId :
PB111227BSD

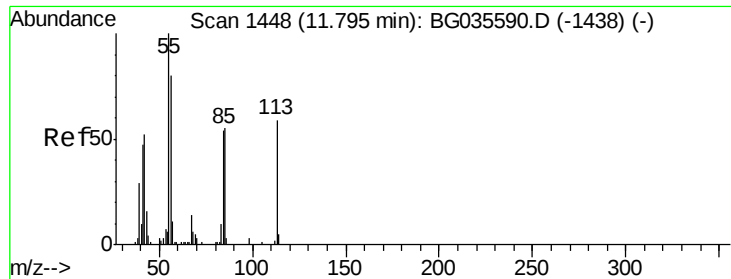
Tgt Ion:127 Resp: 42012
Ion Ratio Lower Upper
127 100
129 33.3 24.0 36.0
65 31.9 27.0 40.4
92 27.6 16.6 25.0#



#34
Hexachlorobutadiene
Concen: 43.725 ng
RT: 11.17 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Tgt Ion:225 Resp: 135126
Ion Ratio Lower Upper
225 100
223 66.9 49.7 74.5
227 62.3 48.1 72.1





#35

Caprolactam

Concen: 22.719 ng

RT: 11.77 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

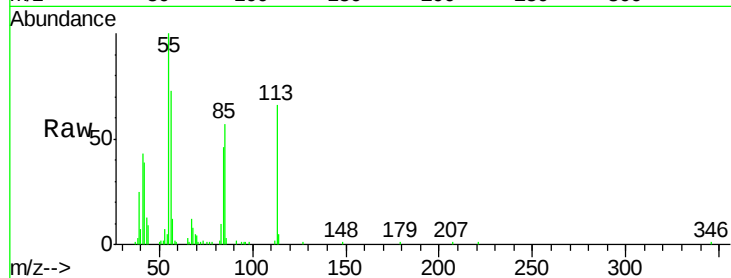
Tgt Ion:113 Resp: 31510

Ion Ratio Lower Upper

113 100

55 150.5 186.9 226.9#

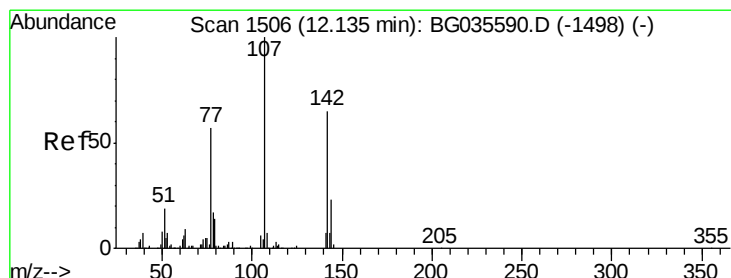
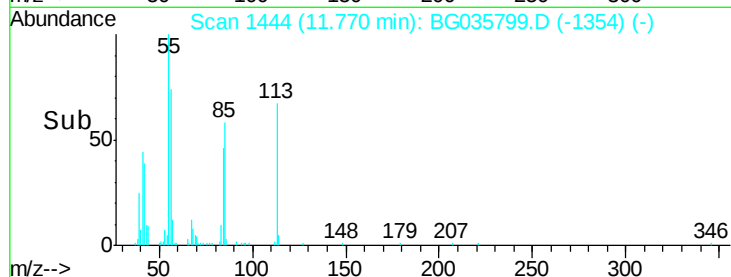
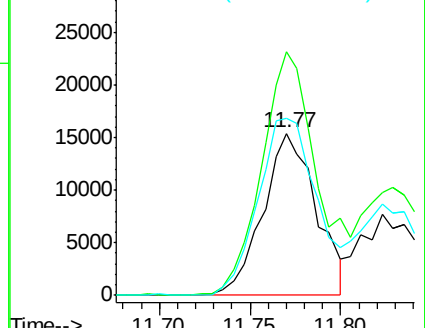
56 109.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.058 ng

RT: 12.12 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

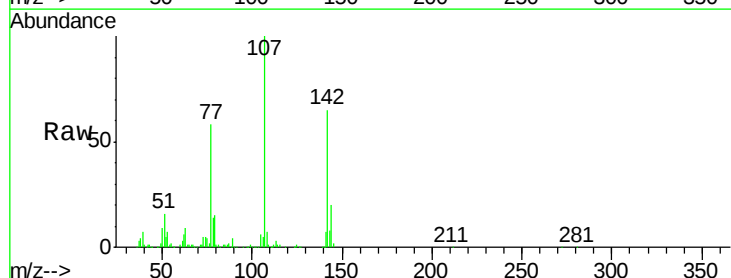
Tgt Ion:107 Resp: 199533

Ion Ratio Lower Upper

107 100

144 20.0 18.2 27.4

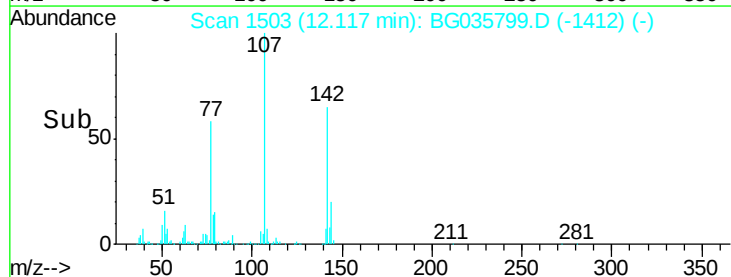
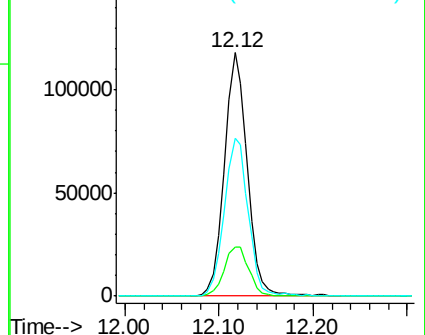
142 64.9 59.0 88.4

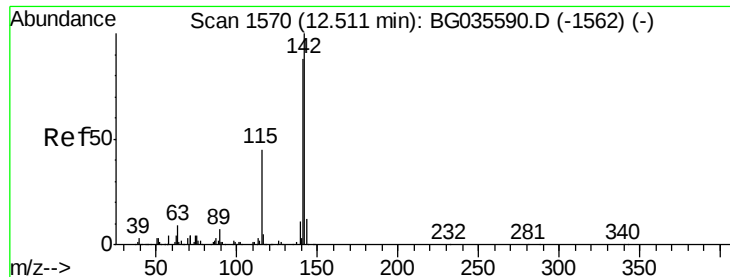


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

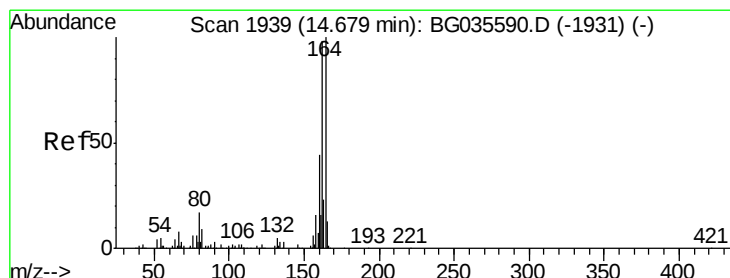
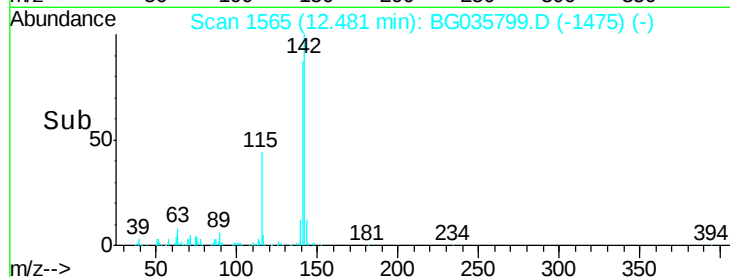
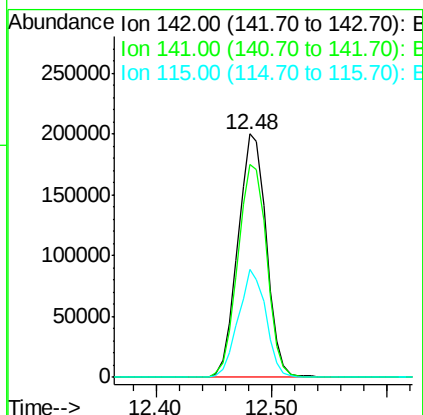
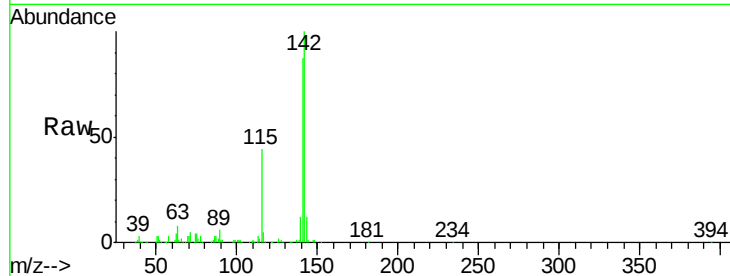




#37
 2-Methylnaphthalene
 Concen: 44.968 ng
 RT: 12.48 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

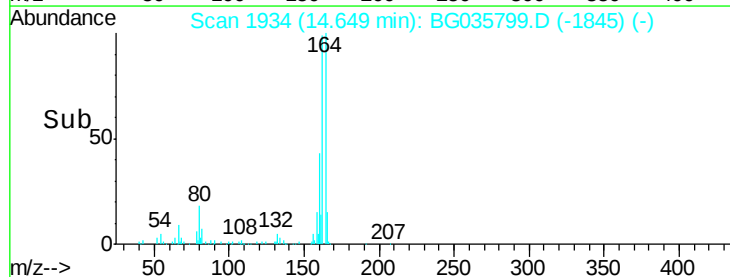
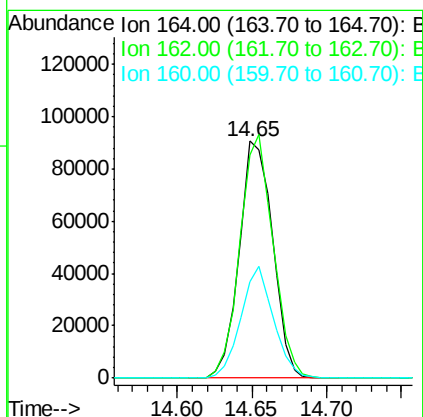
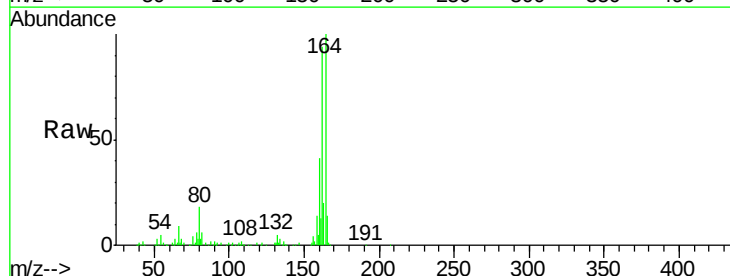
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BSD

Tgt Ion:142 Resp: 341402
 Ion Ratio Lower Upper
 142 100
 141 87.4 67.1 100.7
 115 44.2 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Tgt Ion:164 Resp: 140535
 Ion Ratio Lower Upper
 164 100
 162 94.2 78.8 118.2
 160 40.7 35.4 53.0

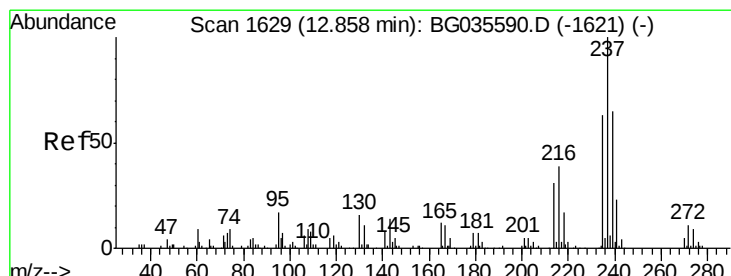
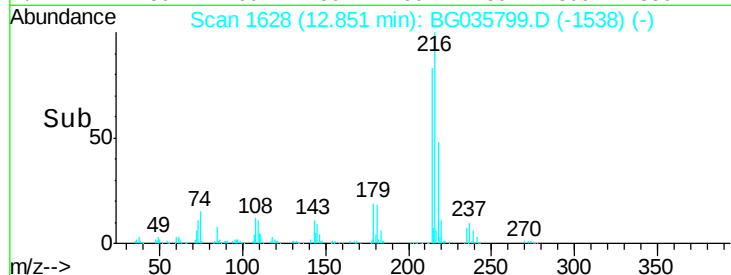
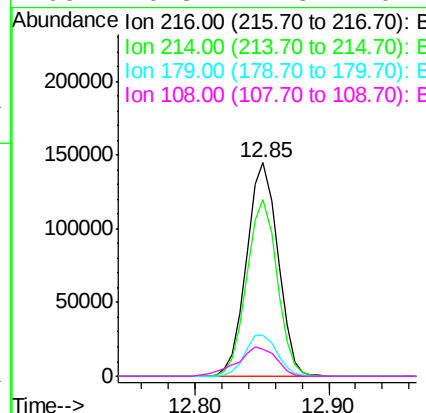
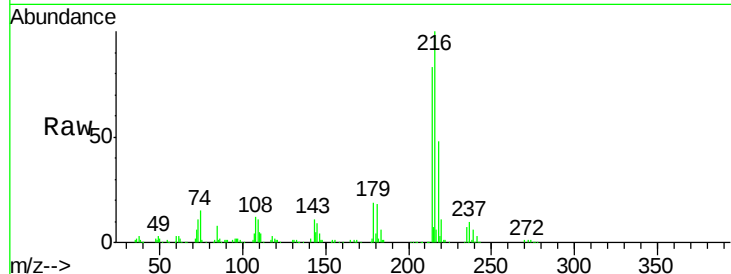




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.262 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

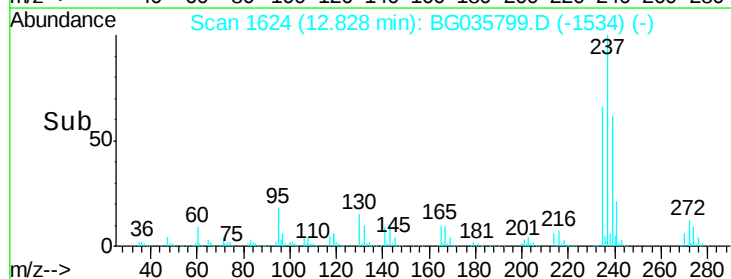
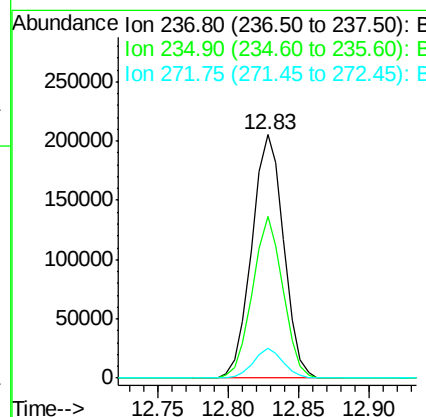
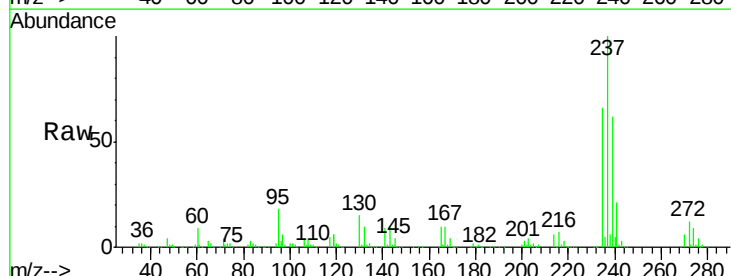
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BSD

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.0	94.4
179	20.0	17.0	25.6
108	16.8	12.8	19.2



#40
 Hexachlorocyclopentadiene
 Concen: 116.944 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Tgt Ion	Ratio	Lower	Upper
237	100		
235	66.2	50.4	90.4
272	12.3	0.0	31.8

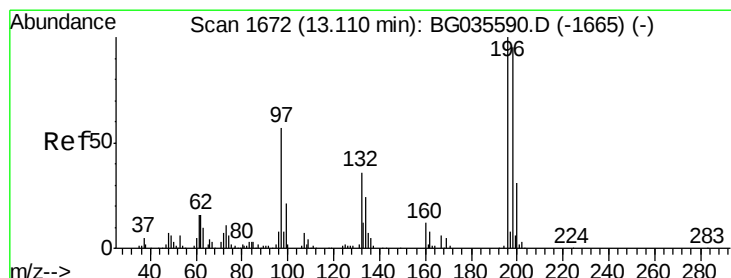
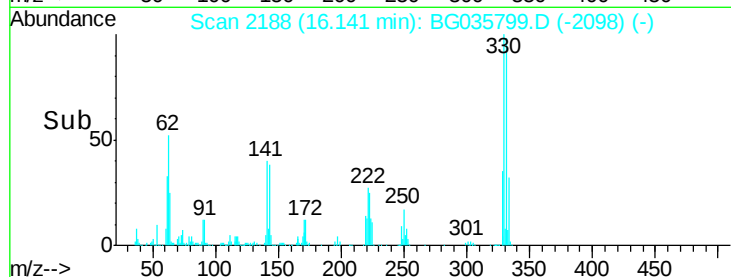
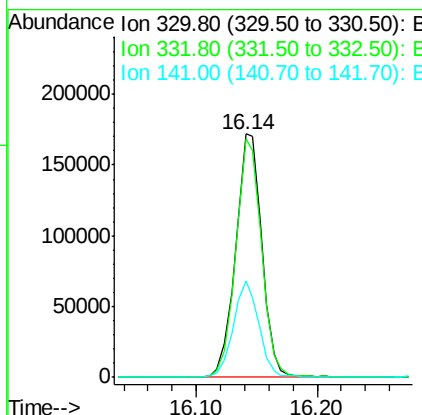
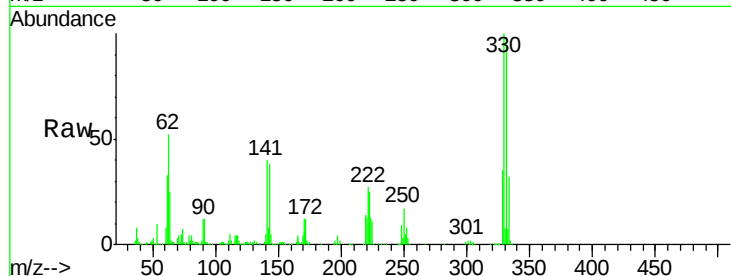




#41
 2,4,6-Tribromophenol
 Concen: 140.325 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

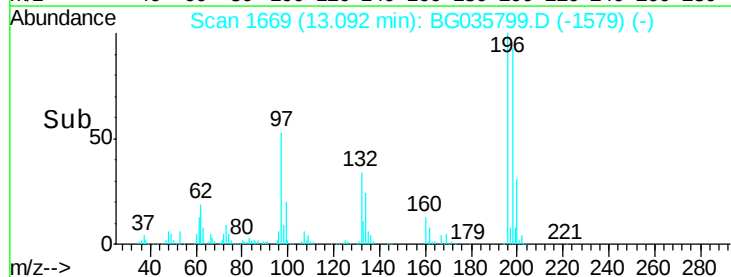
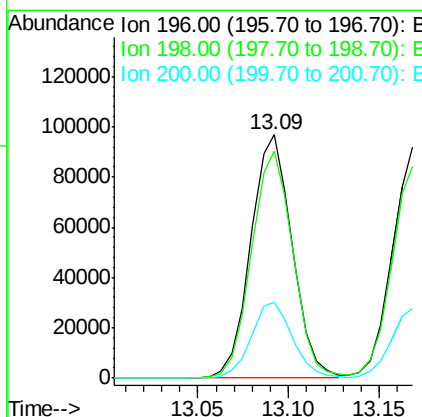
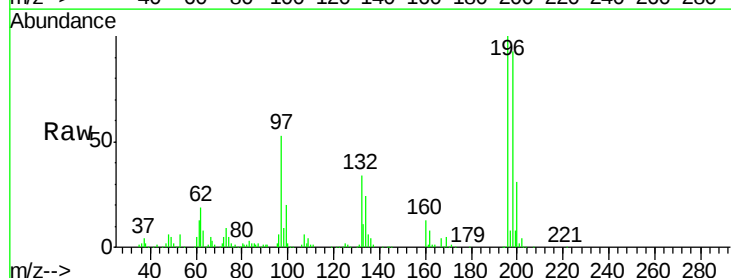
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BSD

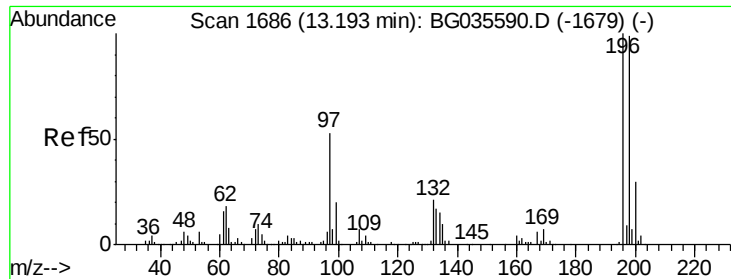
Tgt Ion:330 Resp: 259929
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 38.4 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 49.400 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Tgt Ion:196 Resp: 153237
 Ion Ratio Lower Upper
 196 100
 198 93.0 78.2 117.2
 200 31.3 24.6 36.8

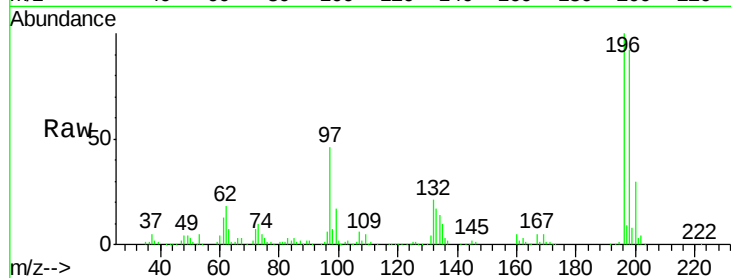




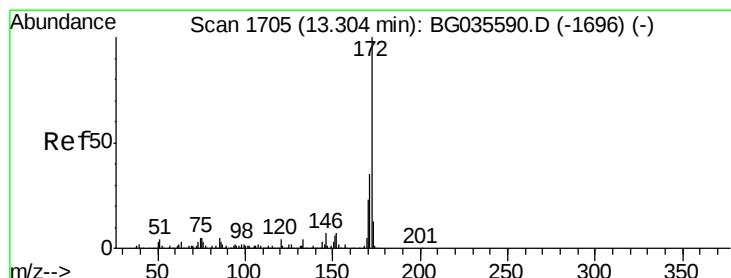
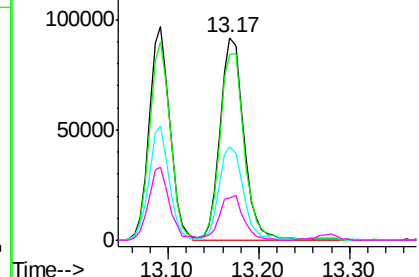
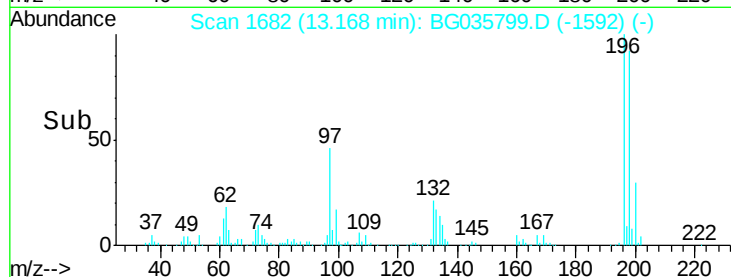
#43
 2,4,5-Trichlorophenol
 Concen: 48.051 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB111227BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.9	76.2	114.4
97	45.9	38.7	58.1
132	21.1	20.2	30.2

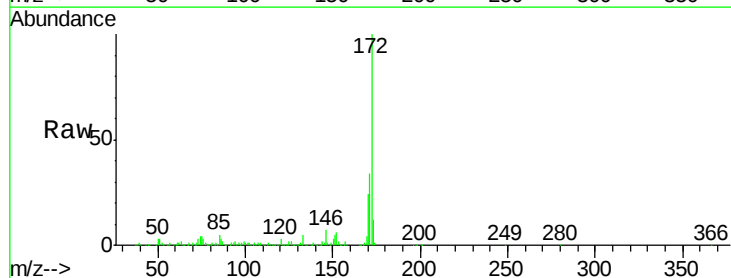


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

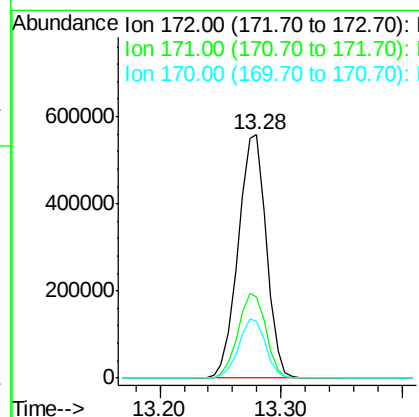
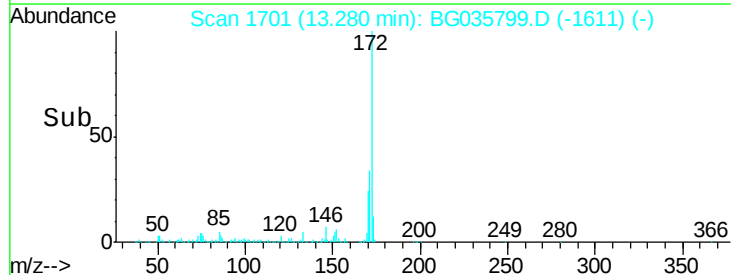


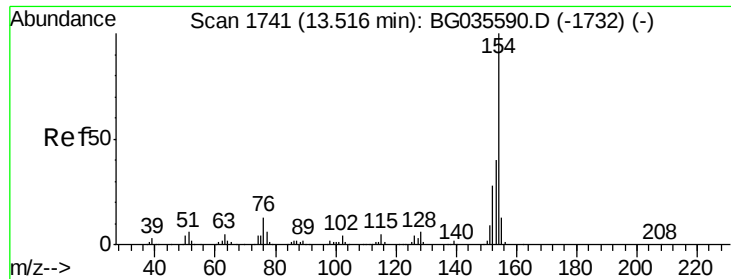
#44
 2-Fluorobiphenyl
 Concen: 86.320 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	23.5	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

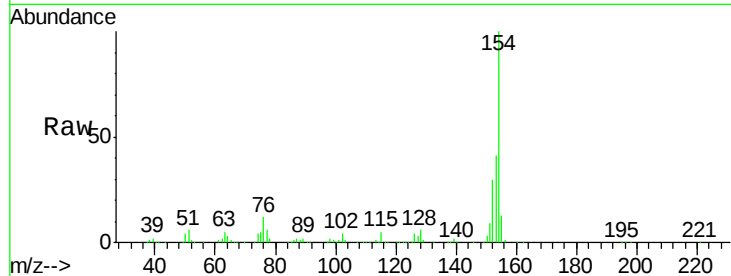




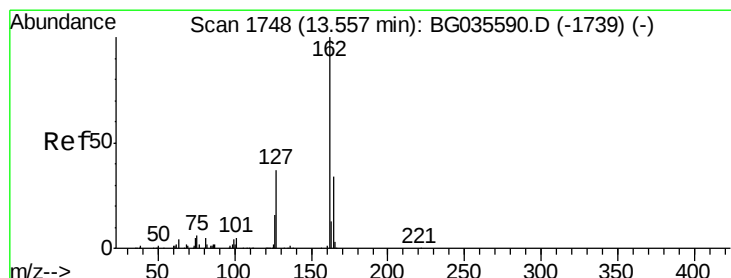
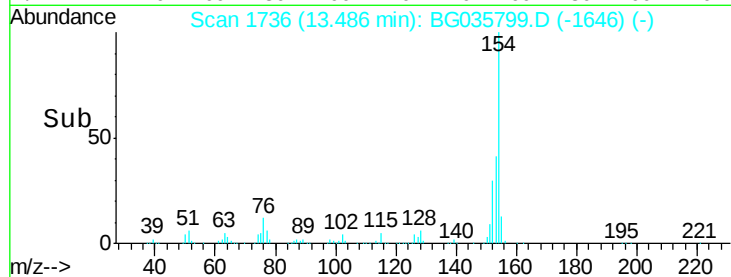
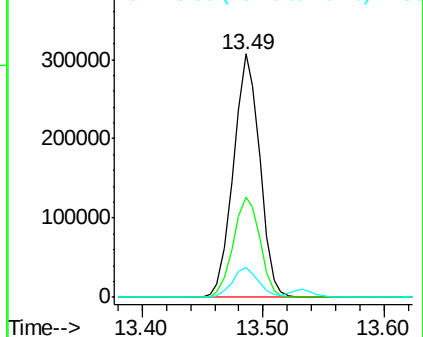
#45
 1,1'-Biphenyl
 Concen: 42.747 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB111227BSD

Tgt Ion:154 Resp: 465754
 Ion Ratio Lower Upper
 154 100
 153 41.4 19.8 59.8
 76 12.3 0.0 31.9

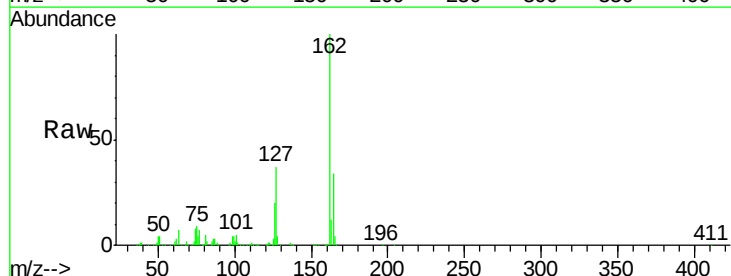


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

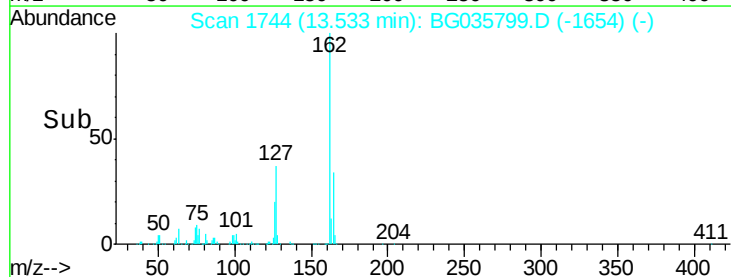
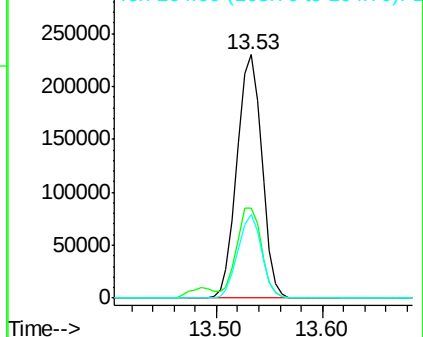


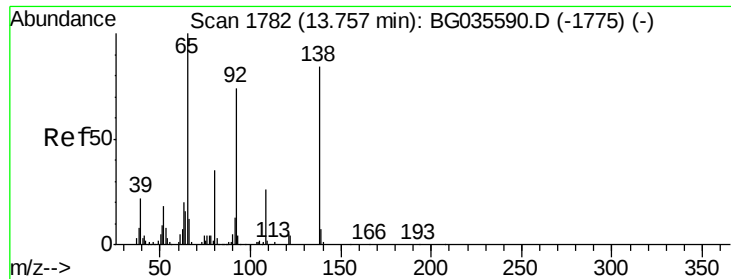
#46
 2-Chloronaphthalene
 Concen: 44.095 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Tgt Ion:162 Resp: 373705
 Ion Ratio Lower Upper
 162 100
 127 37.1 30.7 46.1
 164 34.5 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: 41.584 ng

RT: 13.73 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

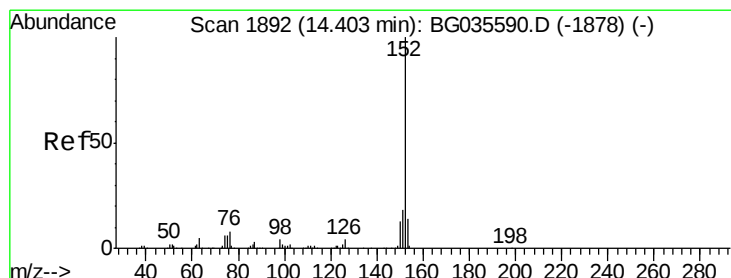
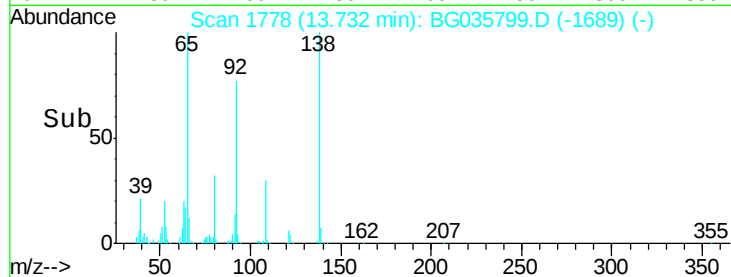
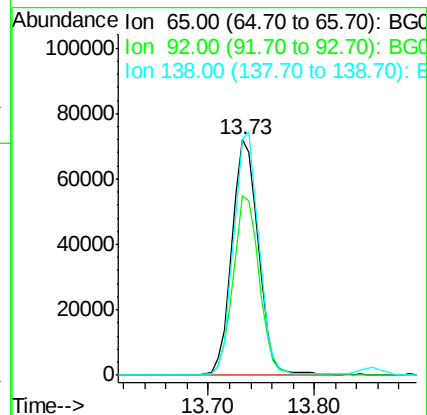
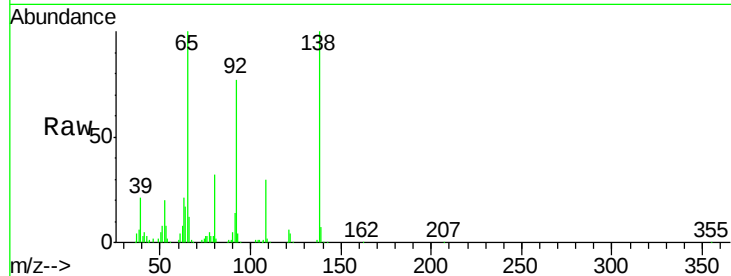
Tgt Ion: 65 Resp: 124594

Ion Ratio Lower Upper

65 100

92 76.5 54.6 82.0

138 100.0 72.9 109.3



#48

Acenaphthylene

Concen: 42.554 ng

RT: 14.38 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

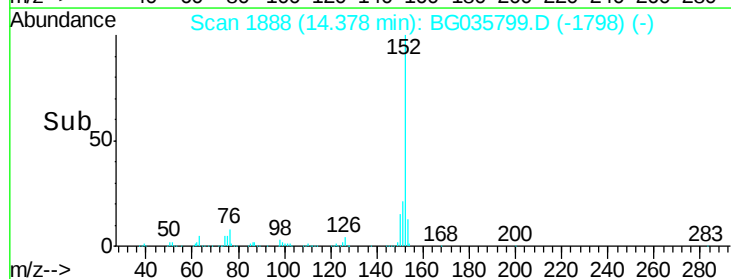
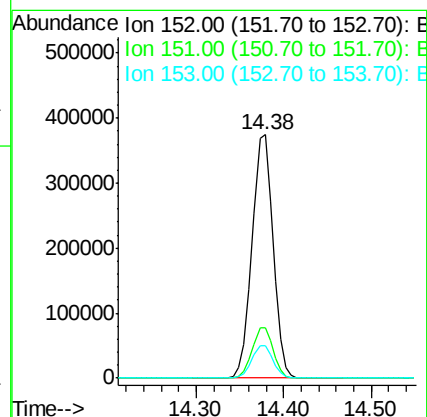
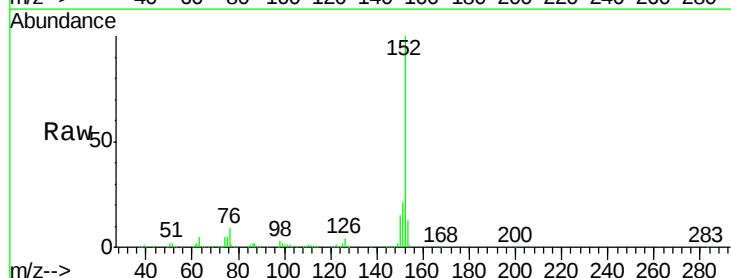
Tgt Ion: 152 Resp: 604132

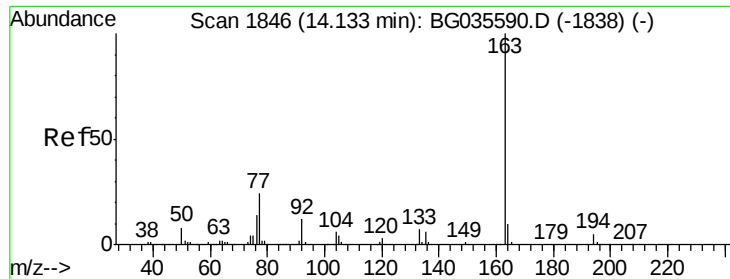
Ion Ratio Lower Upper

152 100

151 20.6 17.2 25.8

153 13.1 10.2 15.4





#49

Dimethylphthalate

Concen: 41.160 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

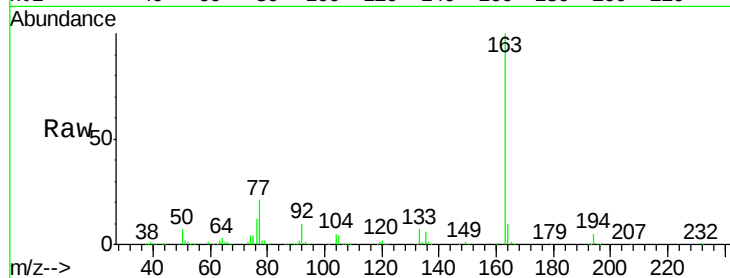
Tgt Ion:163 Resp: 506804

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

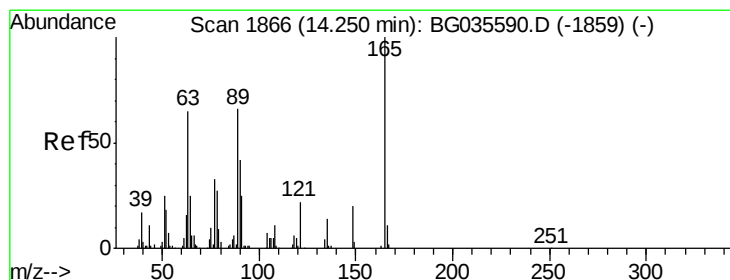
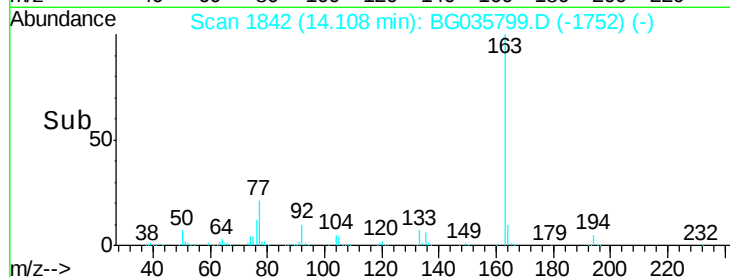
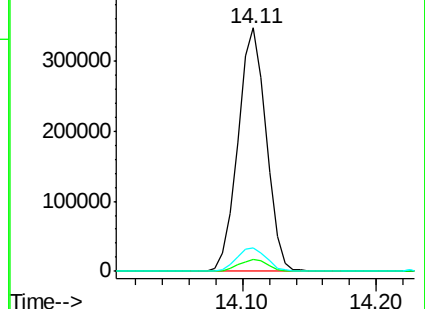
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.843 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

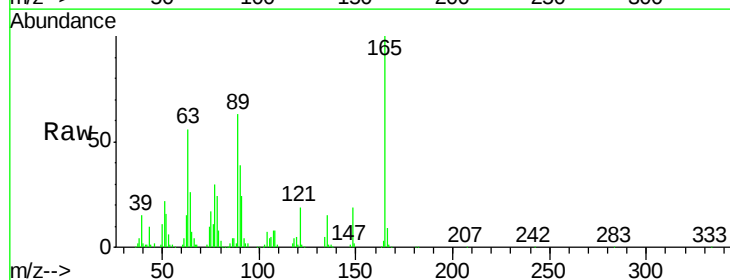
Tgt Ion:165 Resp: 117454

Ion Ratio Lower Upper

165 100

63 56.2 52.7 79.1

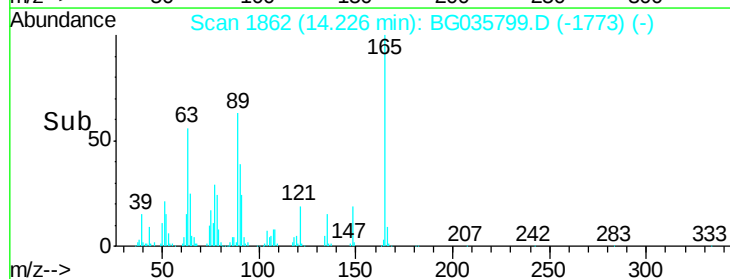
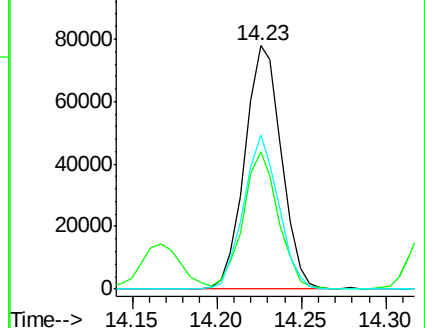
89 63.0 49.2 73.8

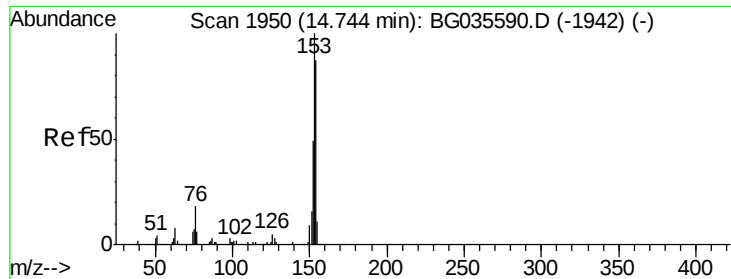


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.956 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

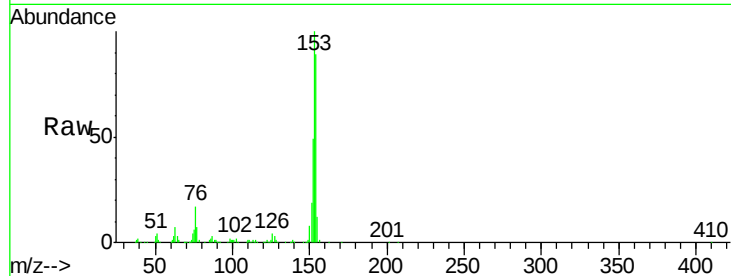
Tgt Ion:154 Resp: 353354

Ion Ratio Lower Upper

154 100

153 112.2 90.4 135.6

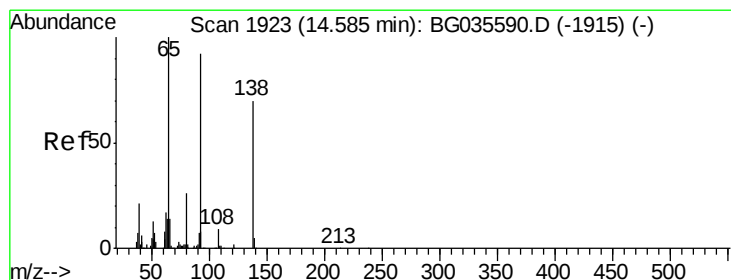
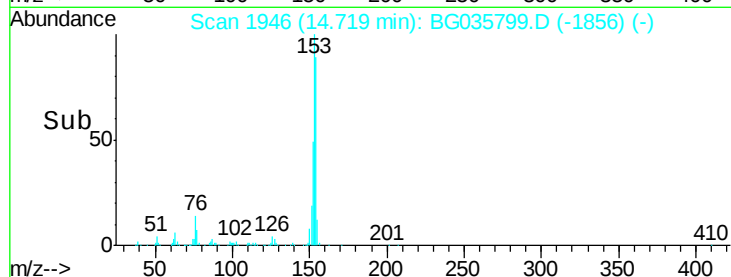
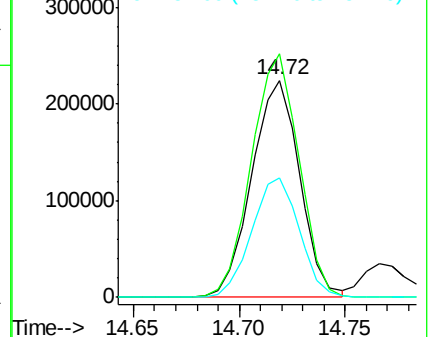
152 54.9 41.6 62.4



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: 16.587 ng

RT: 14.56 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

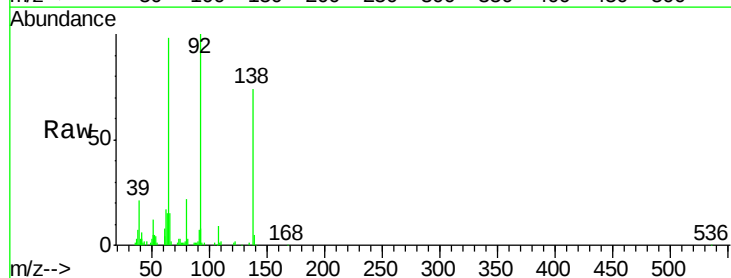
Tgt Ion:138 Resp: 42508

Ion Ratio Lower Upper

138 100

108 12.2 17.5 26.3#

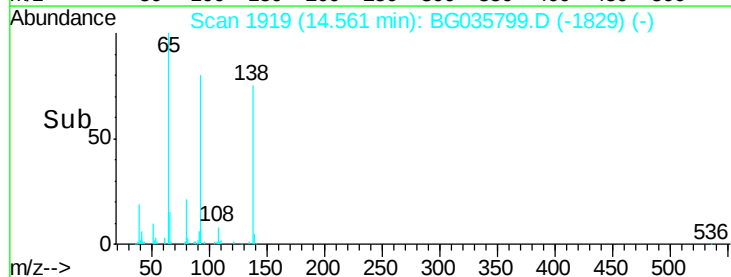
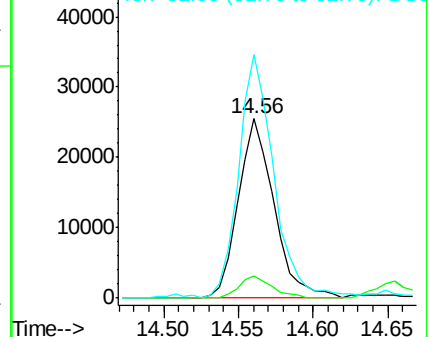
92 136.0 105.8 158.8

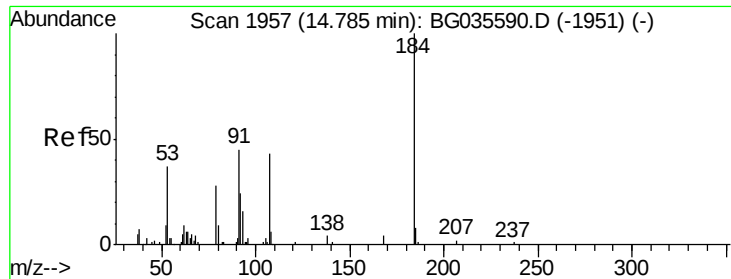


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

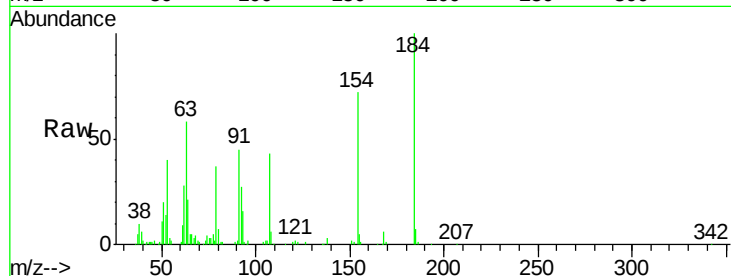




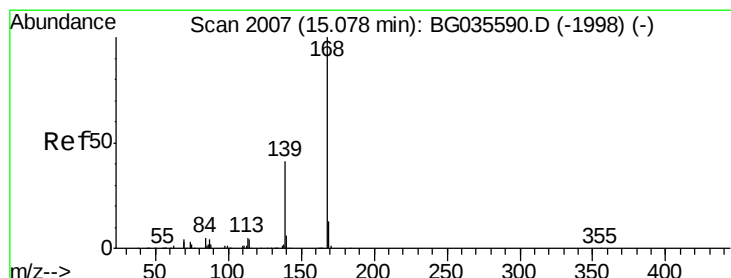
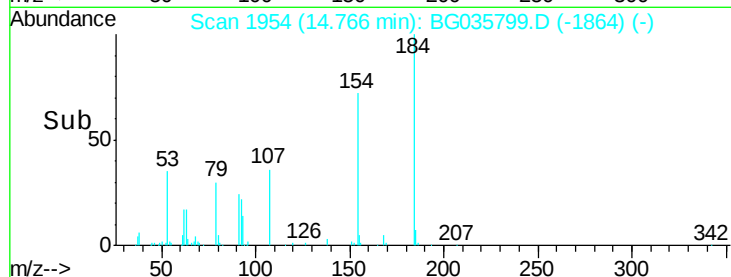
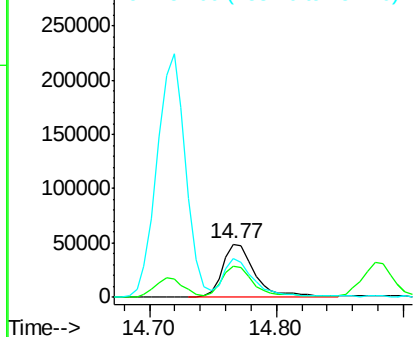
#53
2,4-Dinitrophenol
Concen: 69.564 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB111227BSD

Tgt Ion:184 Resp: 88489
Ion Ratio Lower Upper
184 100
63 58.3 59.8 89.8#
154 71.9 101.8 152.8#

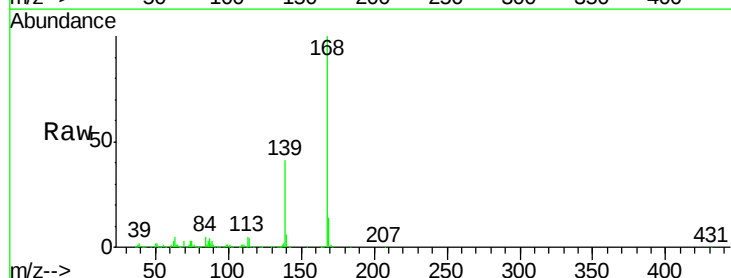


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

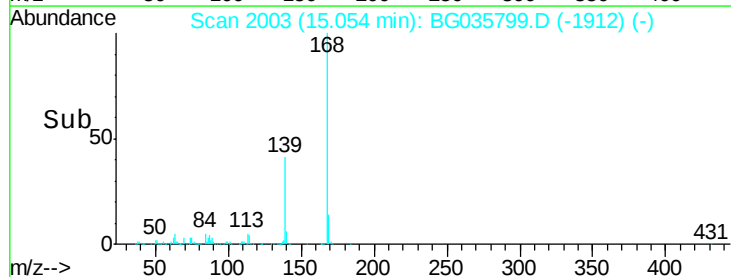
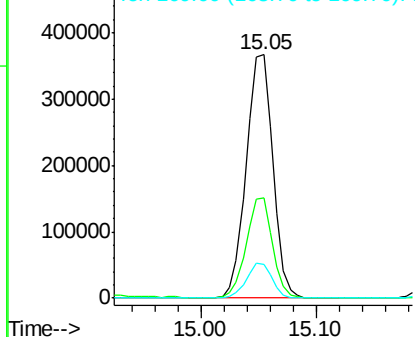


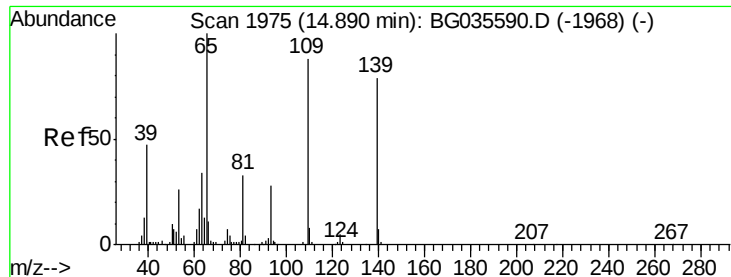
#54
Dibenzofuran
Concen: 41.944 ng
RT: 15.05 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Tgt Ion:168 Resp: 589929
Ion Ratio Lower Upper
168 100
139 41.1 28.6 43.0
169 13.8 11.2 16.8



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





#55

4-Nitrophenol

Concen: 92.839 ng

RT: 14.88 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

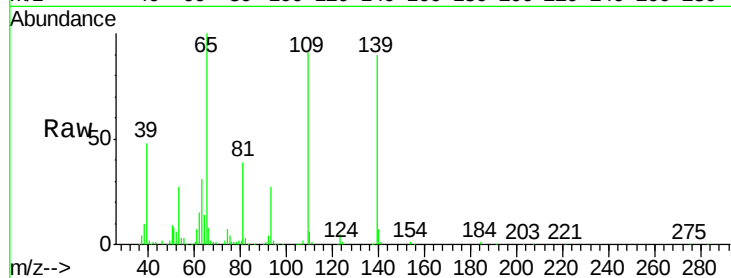
Tgt Ion:139 Resp: 169437

Ion Ratio Lower Upper

139 100

109 100.7 62.2 102.2

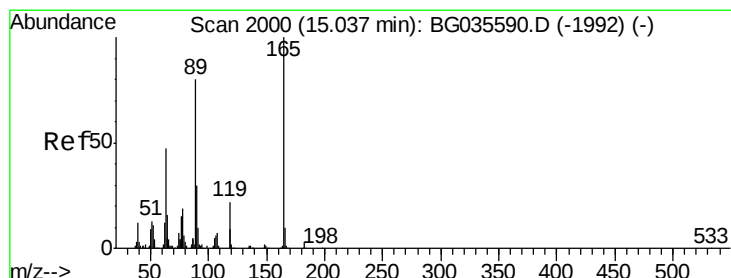
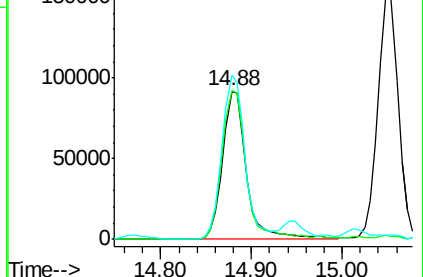
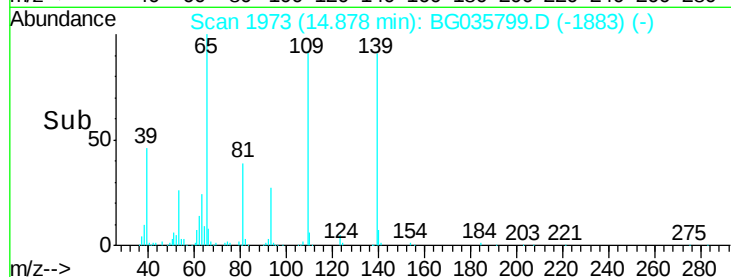
65 110.7 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 46.445 ng

RT: 15.02 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Tgt Ion:165 Resp: 167072

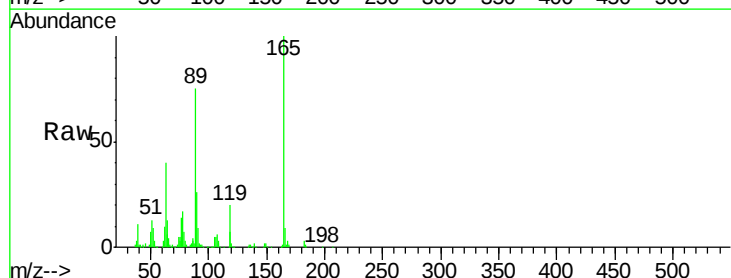
Ion Ratio Lower Upper

165 100

63 40.2 42.0 63.0#

89 74.9 66.9 100.3

182 2.6 2.6 3.8

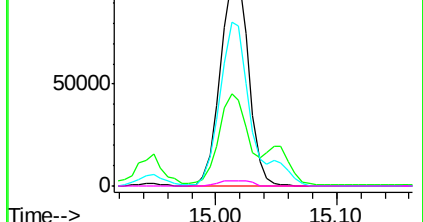
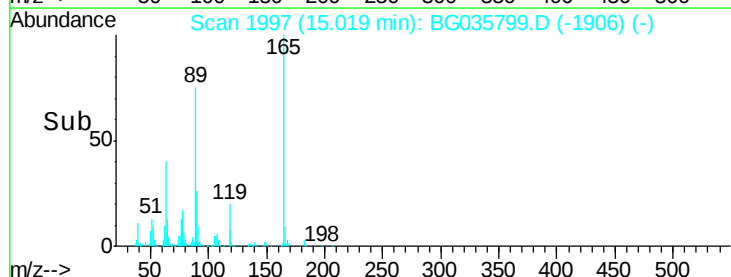


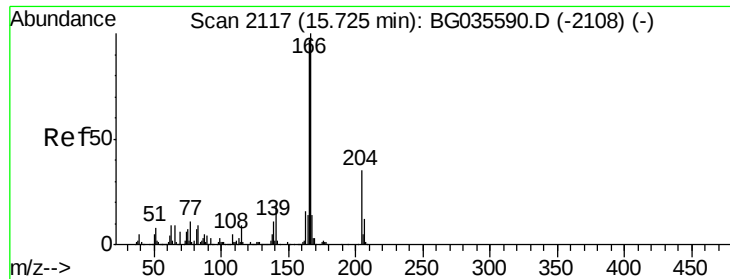
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.519 ng

RT: 15.70 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

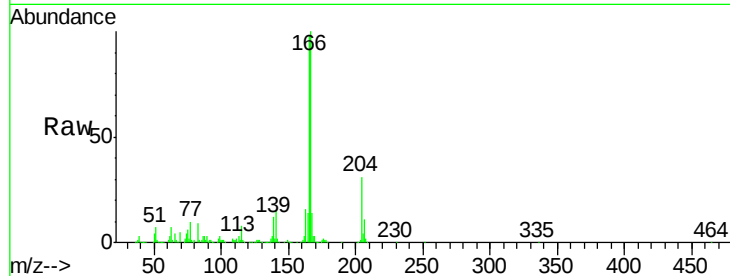
Tgt Ion:166 Resp: 489435

Ion Ratio Lower Upper

166 100

165 97.8 80.6 121.0

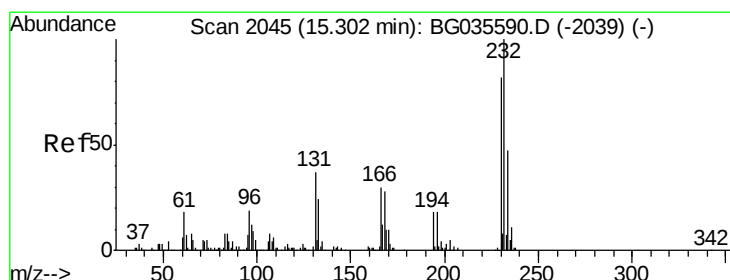
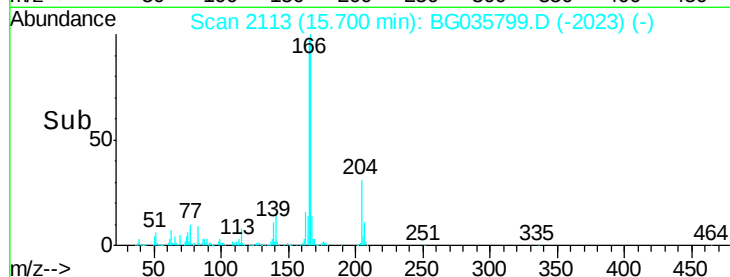
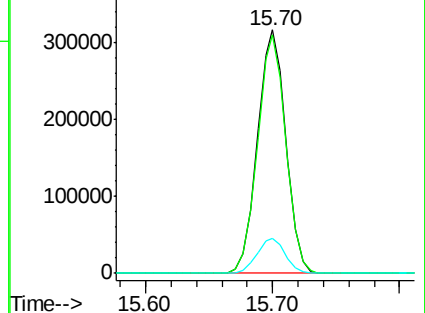
167 14.1 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.031 ng

RT: 15.28 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Tgt Ion:232 Resp: 163133

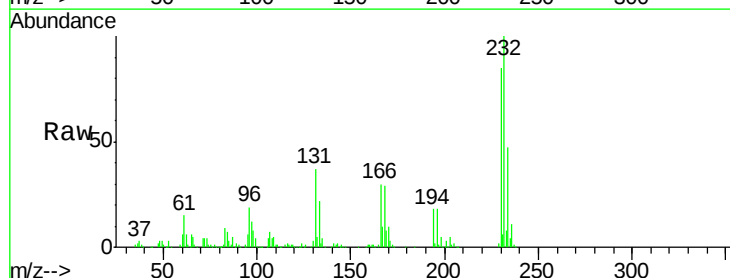
Ion Ratio Lower Upper

232 100

131 34.6 33.5 50.3

130 2.4 2.2 3.2

166 28.4 24.8 37.2

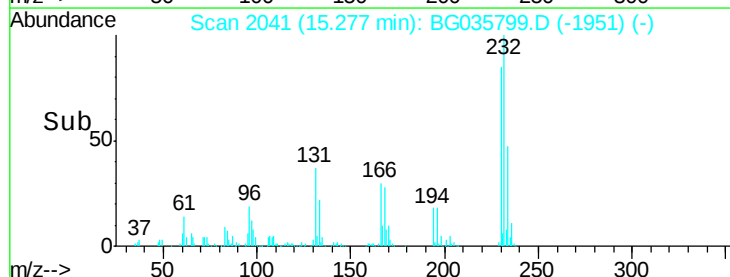
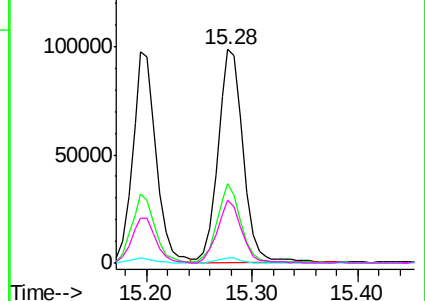


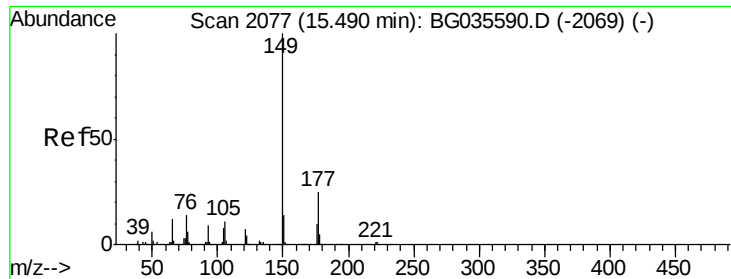
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

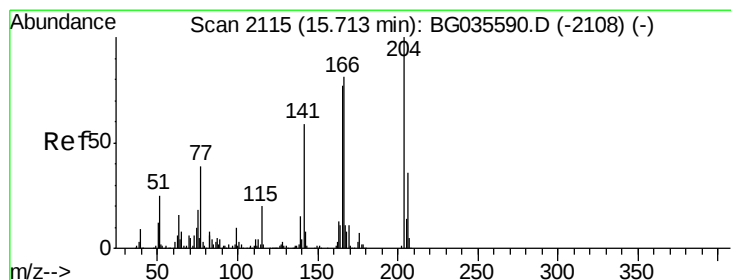
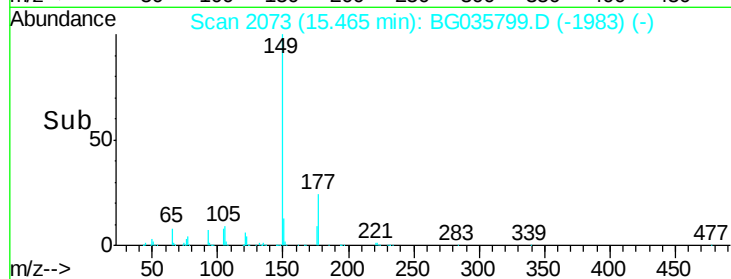
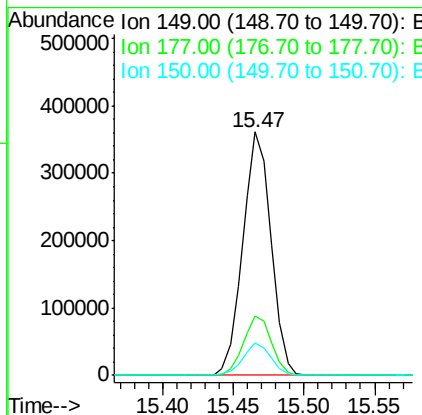
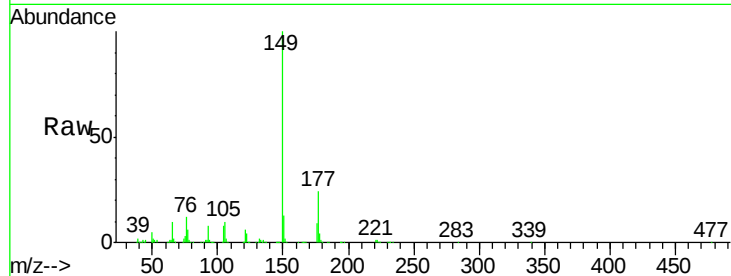




#59
Diethylphthalate
Concen: 39.796 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

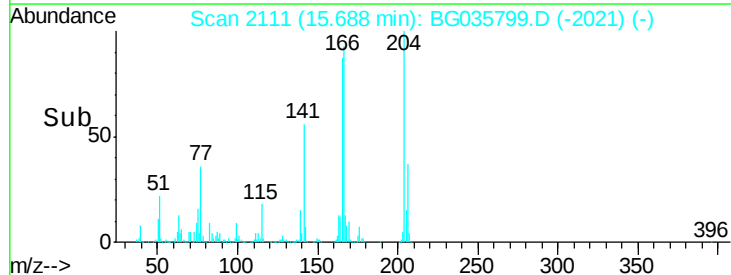
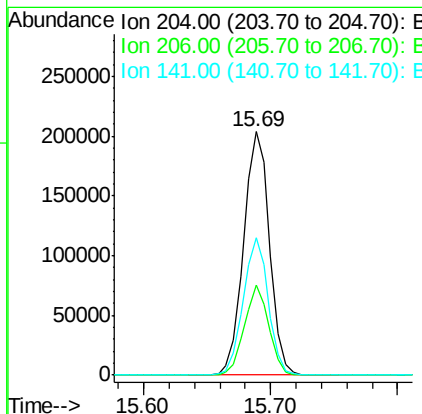
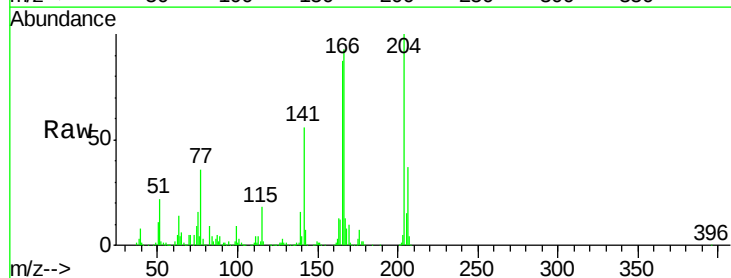
Instrument :
BNA_G
ClientSampleId :
PB111227BSD

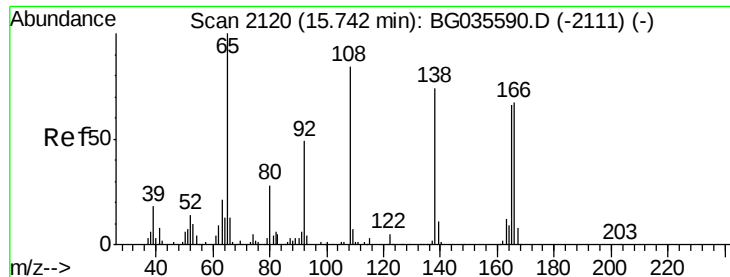
Tgt Ion:149 Resp: 503849
Ion Ratio Lower Upper
149 100
177 24.5 18.5 27.7
150 13.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.416 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Tgt Ion:204 Resp: 286953
Ion Ratio Lower Upper
204 100
206 36.7 26.2 39.2
141 56.3 45.8 68.6

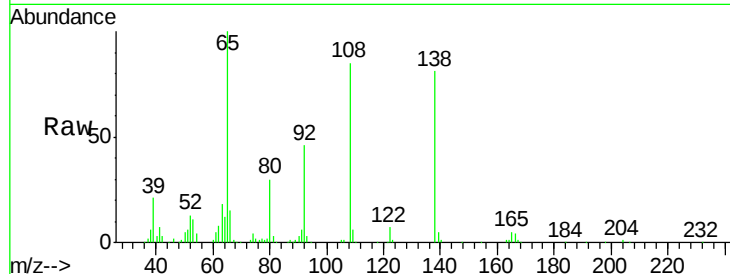




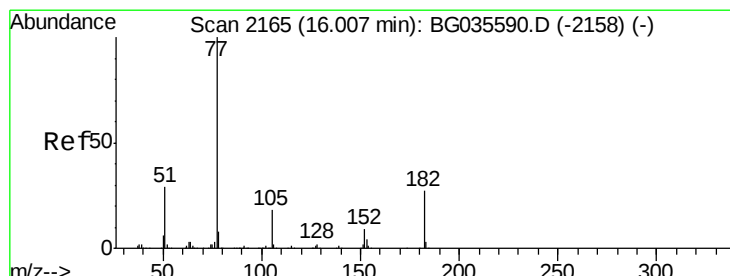
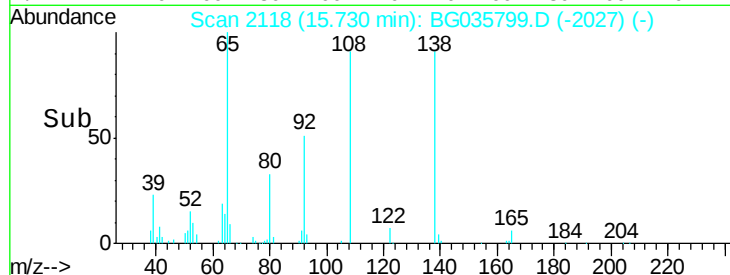
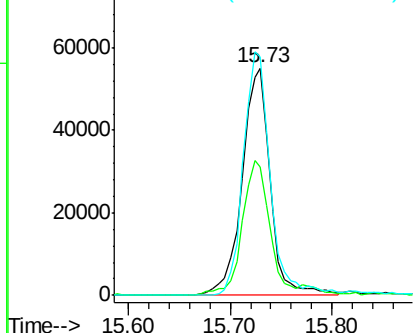
#61
4-Nitroaniline
Concen: 39.640 ng
RT: 15.73 min Scan# 2118
Delta R.T. 0.01 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB111227BSD

Tgt Ion:138 Resp: 106262
Ion Ratio Lower Upper
138 100
92 56.4 40.1 80.1
108 104.8 65.4 105.4

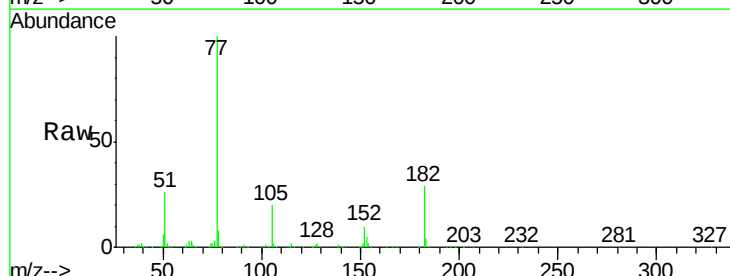


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

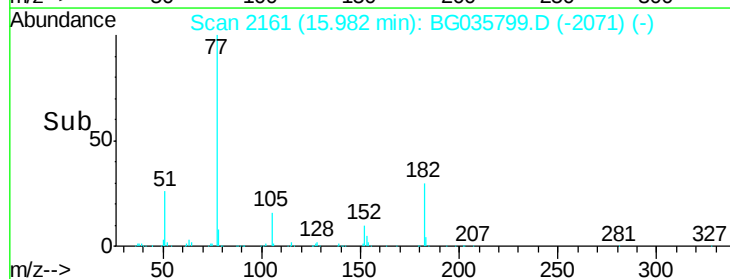
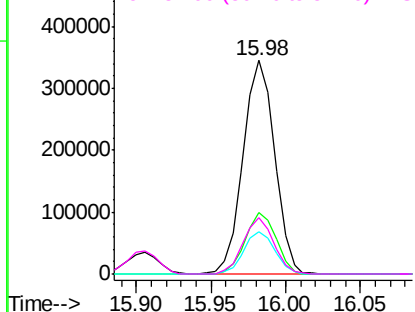


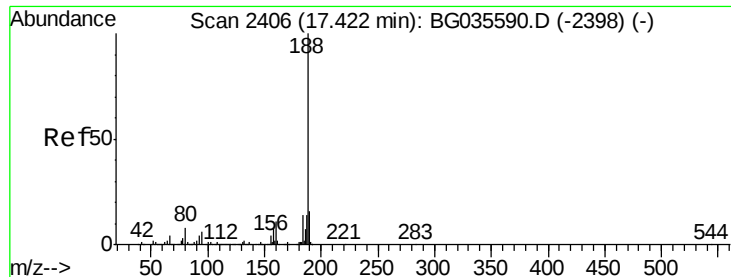
#62
Azobenzene
Concen: 40.351 ng
RT: 15.98 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Tgt Ion: 77 Resp: 503929
Ion Ratio Lower Upper
77 100
182 29.1 7.4 47.4
105 19.9 0.3 40.3
51 26.2 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

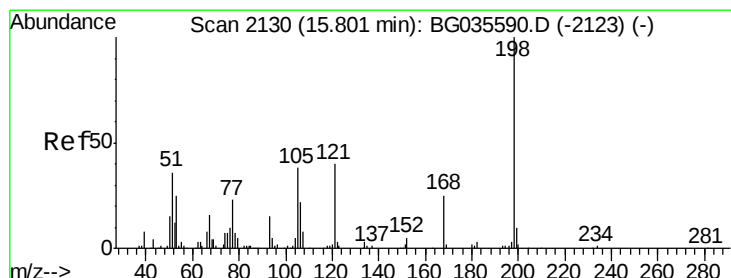
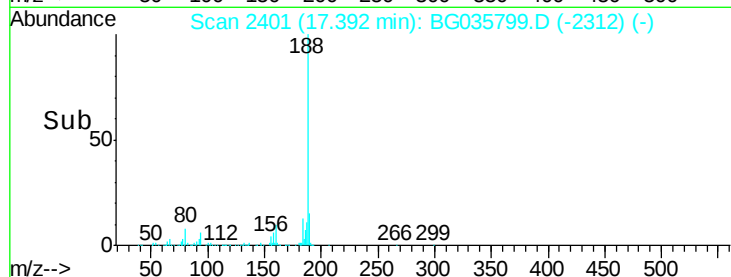
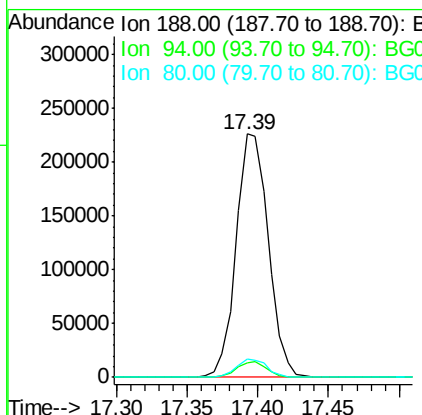
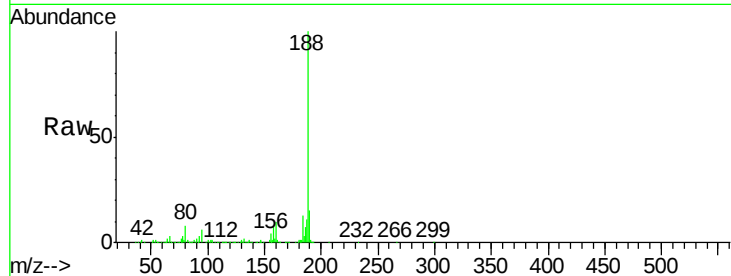




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

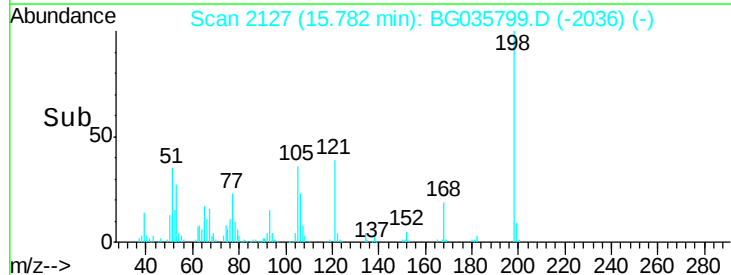
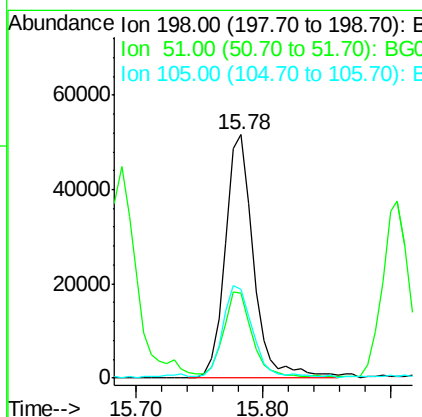
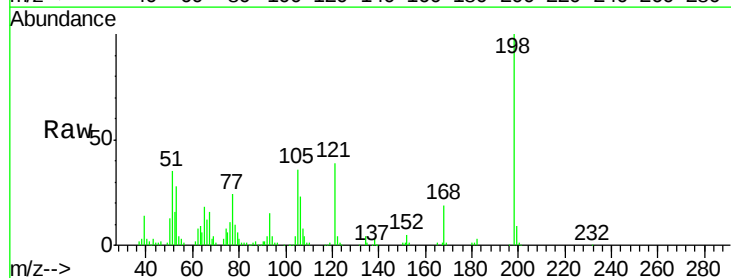
Instrument :
BNA_G
ClientSampleId :
PB111227BSD

Tgt Ion:188 Resp: 359243
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 7.7 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.896 ng
RT: 15.78 min Scan# 2127
Delta R.T. 0.01 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Tgt Ion:198 Resp: 79784
Ion Ratio Lower Upper
198 100
51 34.7 30.6 70.6
105 36.4 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 43.015 ng

RT: 15.91 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

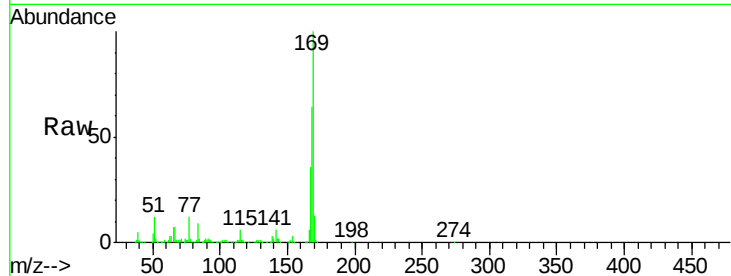
Tgt Ion:169 Resp: 439842

Ion Ratio Lower Upper

169 100

168 64.1 55.7 83.5

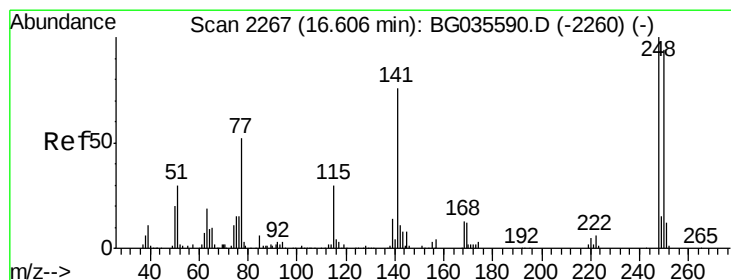
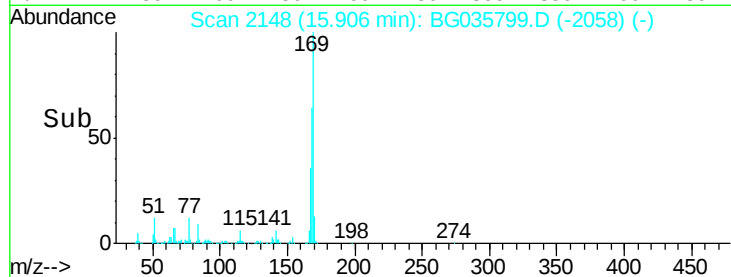
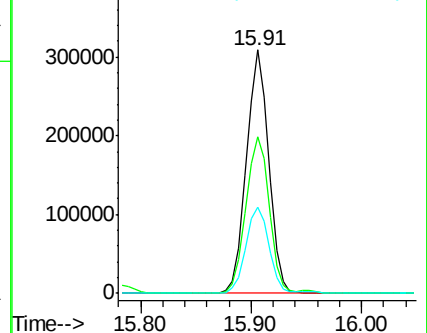
167 35.6 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.496 ng

RT: 16.58 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

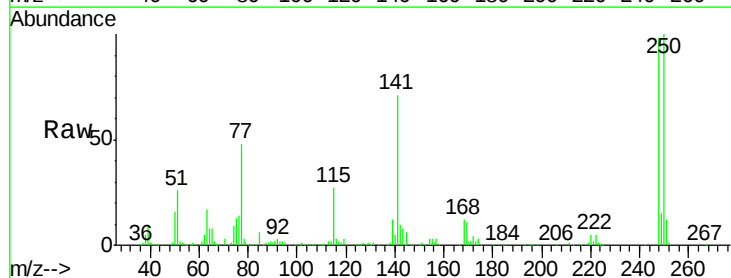
Tgt Ion:248 Resp: 193787

Ion Ratio Lower Upper

248 100

250 101.8 77.1 115.7

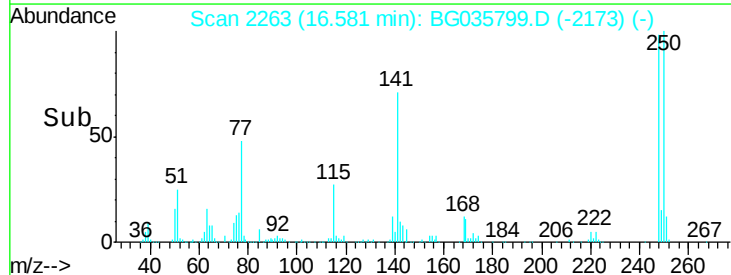
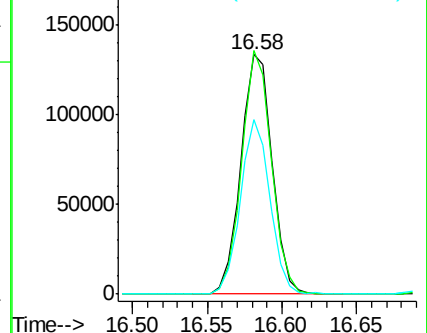
141 72.7 50.8 76.2

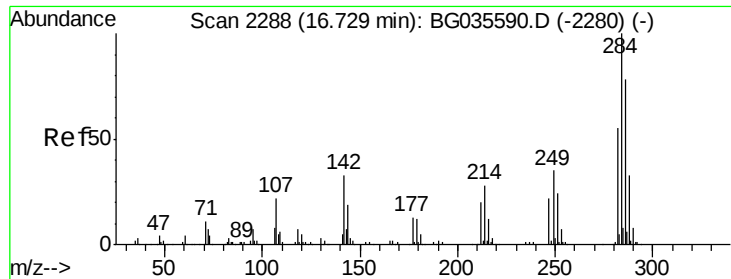


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

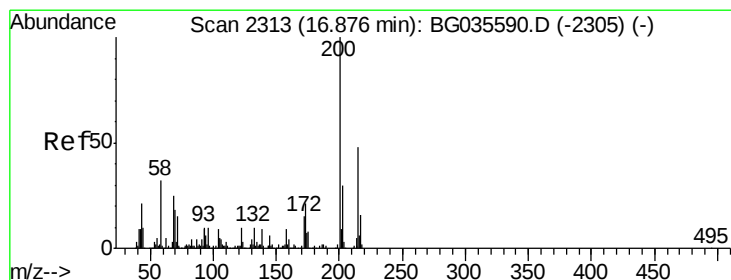
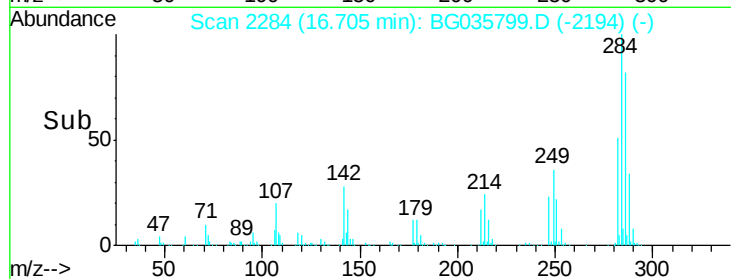
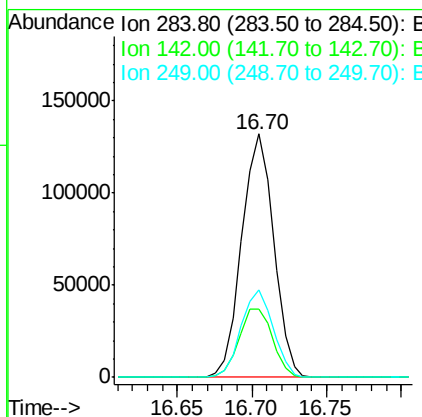
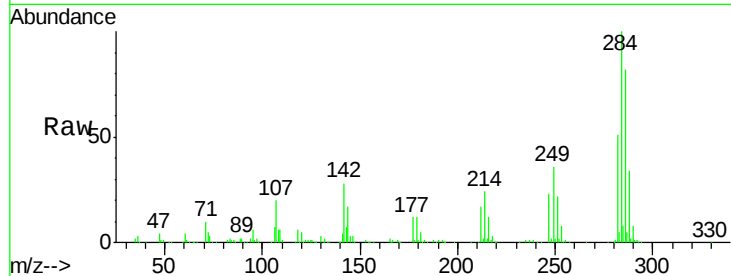




#67
Hexachlorobenzene
Concen: 45.829 ng
RT: 16.70 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

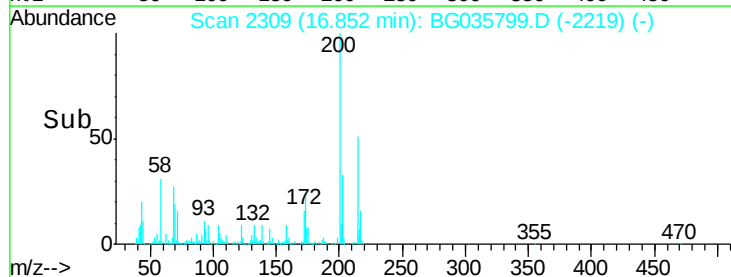
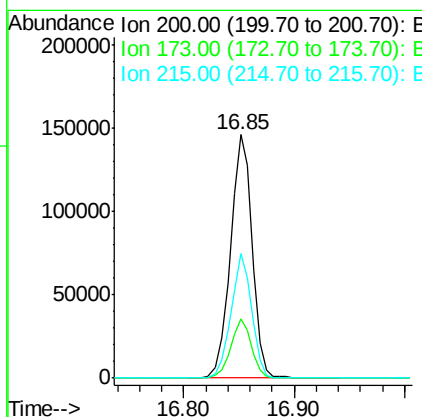
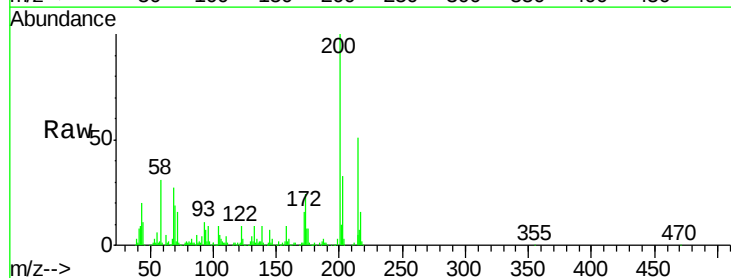
Instrument :
BNA_G
ClientSampleId :
PB111227BSD

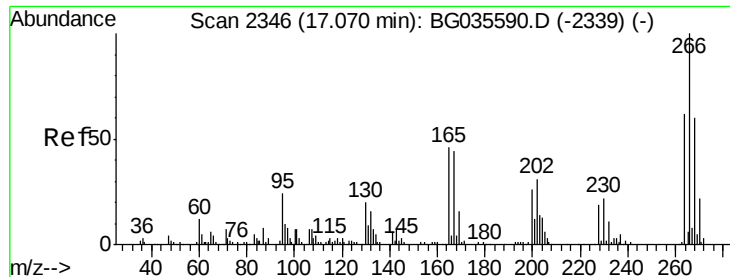
Tgt Ion:284 Resp: 196702
Ion Ratio Lower Upper
284 100
142 28.0 26.8 40.2
249 35.7 26.3 39.5



#68
Atrazine
Concen: 47.668 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG035799.D
Acq: 21 Jul 2018 00:37

Tgt Ion:200 Resp: 200689
Ion Ratio Lower Upper
200 100
173 24.1 5.2 45.2
215 51.4 30.4 70.4

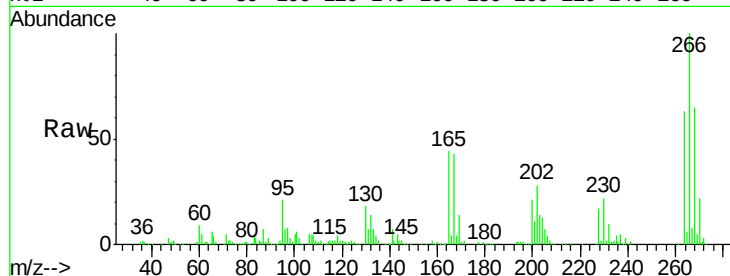




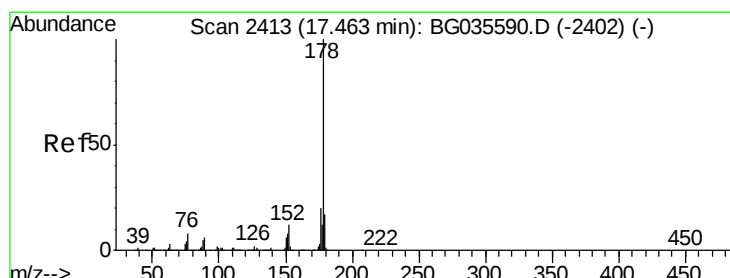
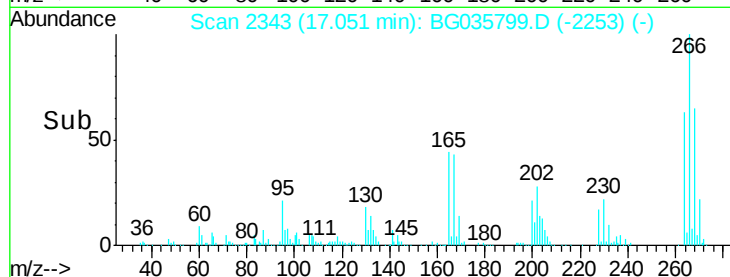
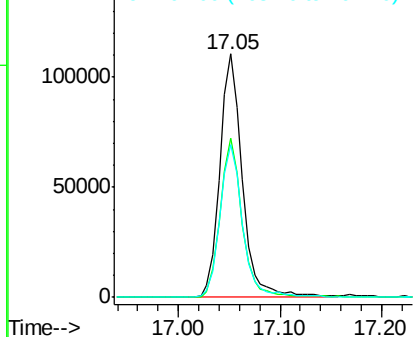
#69
 Pentachlorophenol
 Concen: 65.142 ng
 RT: 17.05 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB111227BSD

Tgt Ion:266 Resp: 170299
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.1 76.7
 264 62.7 49.6 74.4

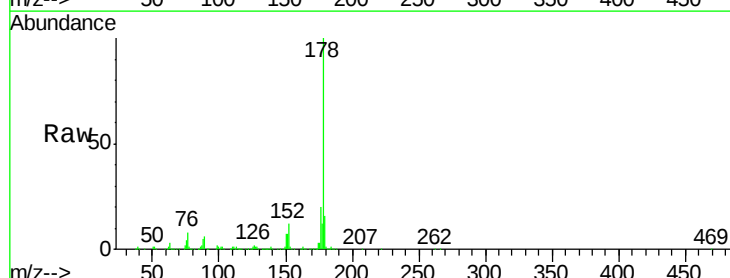


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

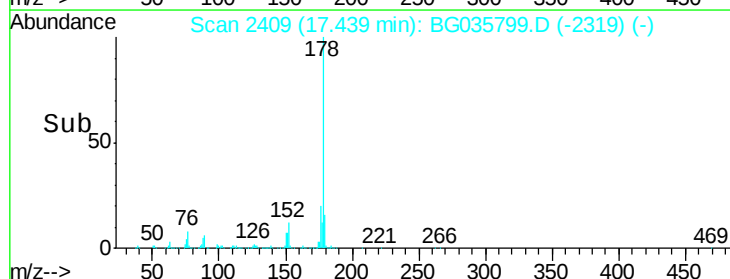
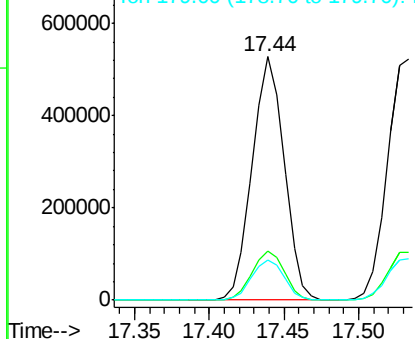


#70
 Phenanthrene
 Concen: 43.625 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Tgt Ion:178 Resp: 782013
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.7 23.5
 179 16.4 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

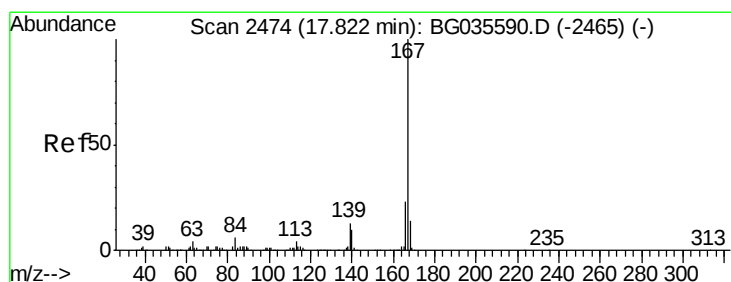
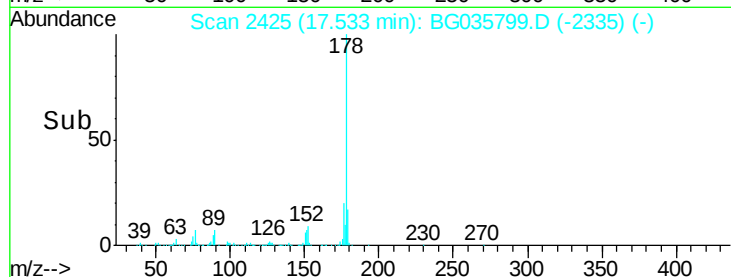
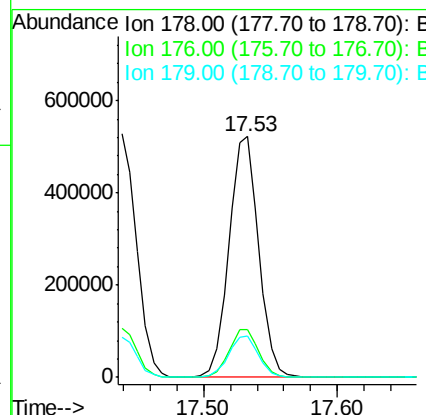
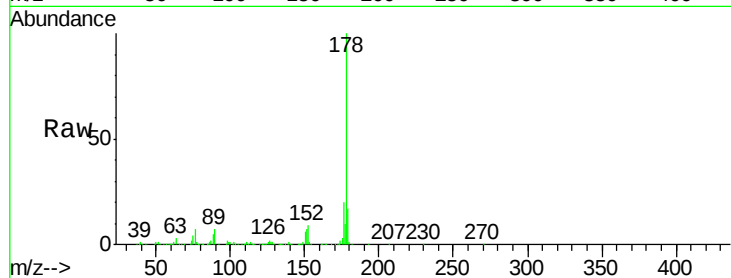




#71
 Anthracene
 Concen: 45.261 ng
 RT: 17.53 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

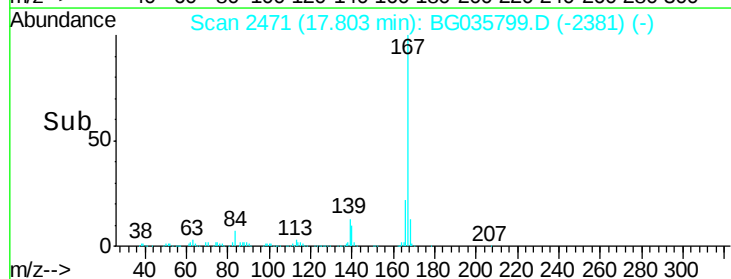
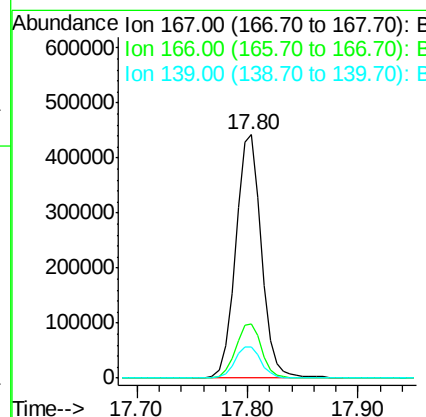
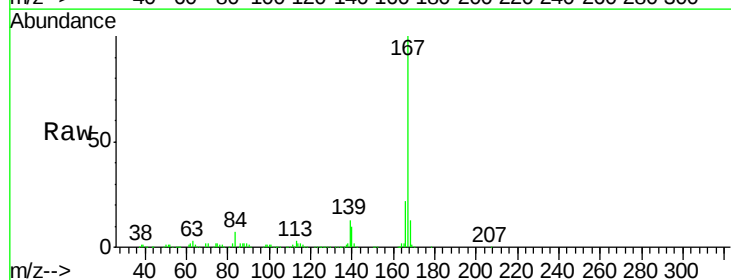
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BSD

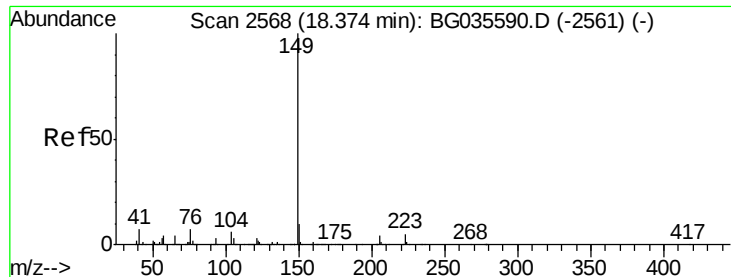
Tgt Ion:178 Resp: 807867
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 17.0 12.5 18.7



#72
 Carbazole
 Concen: 42.655 ng
 RT: 17.80 min Scan# 2471
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Tgt Ion:167 Resp: 723044
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.4
 139 12.9 9.4 14.2





#73

Di-n-butylphthalate

Concen: 42.315 ng

RT: 18.35 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

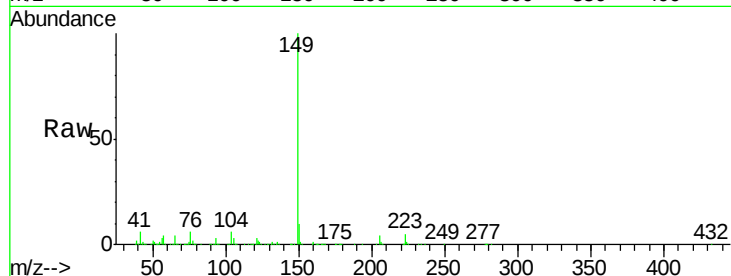
Tgt Ion:149 Resp: 847625

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

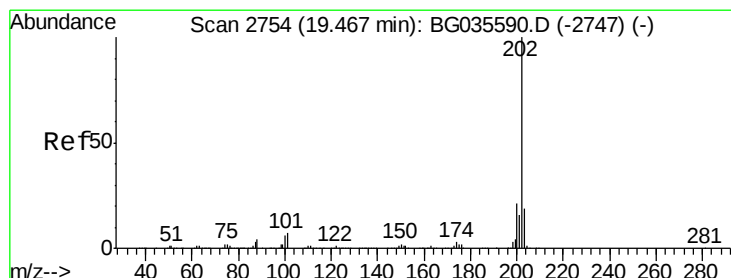
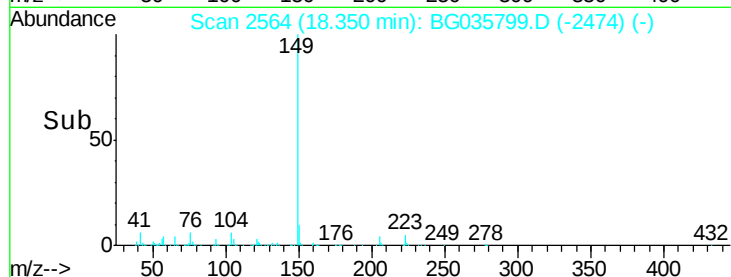
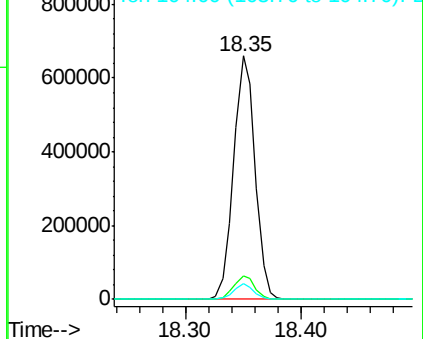
104 6.3 3.9 5.9#



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: 42.715 ng

RT: 19.45 min Scan# 2751

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

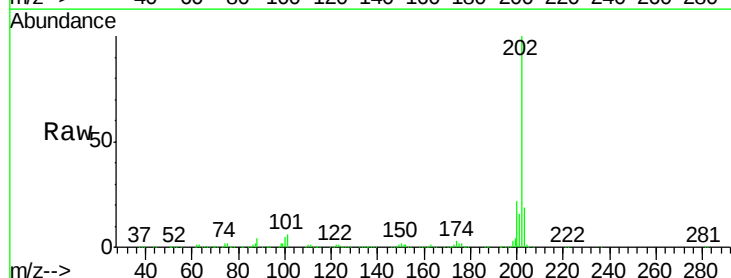
Tgt Ion:202 Resp: 1031376

Ion Ratio Lower Upper

202 100

101 5.7 0.0 28.9

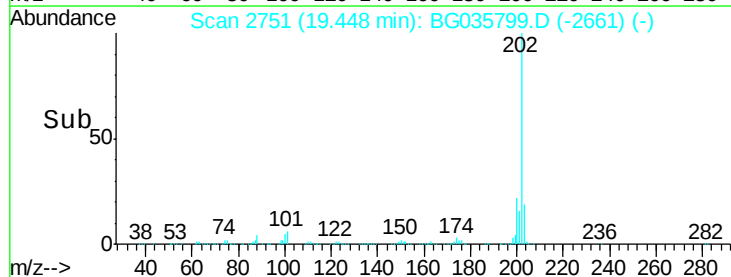
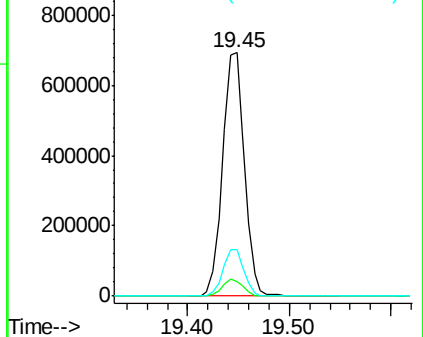
203 18.9 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

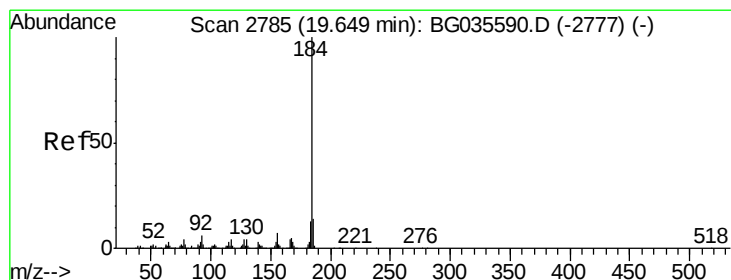
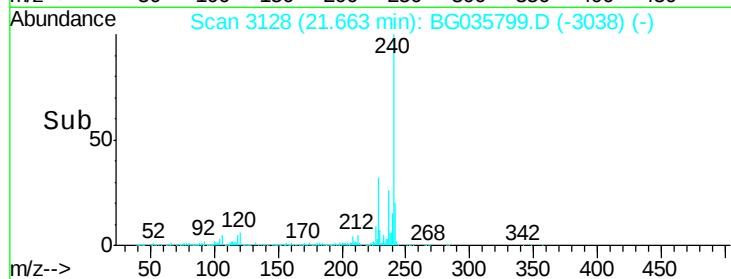
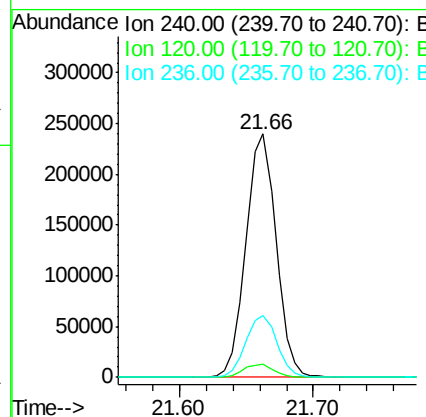
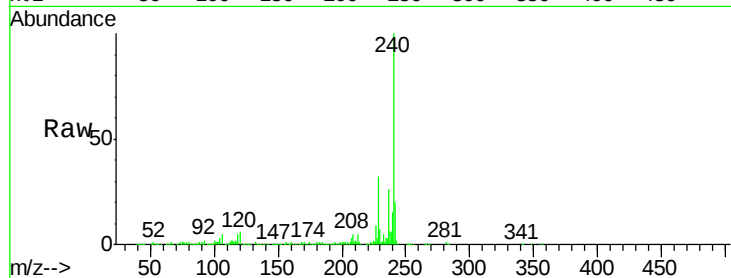




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3128
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

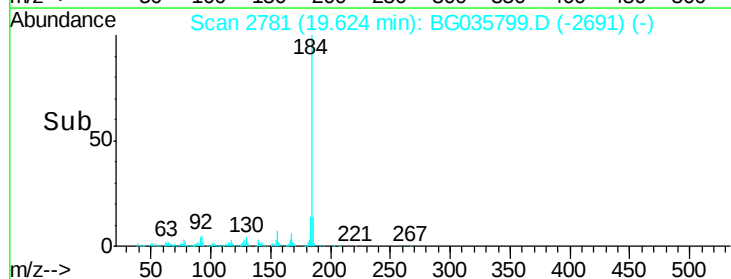
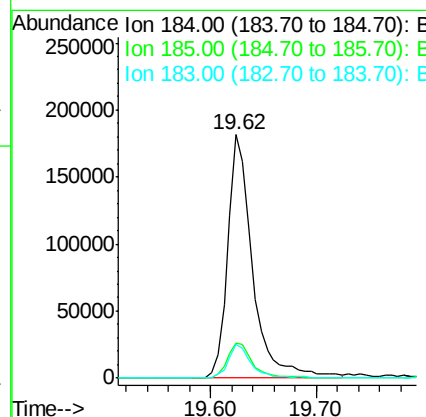
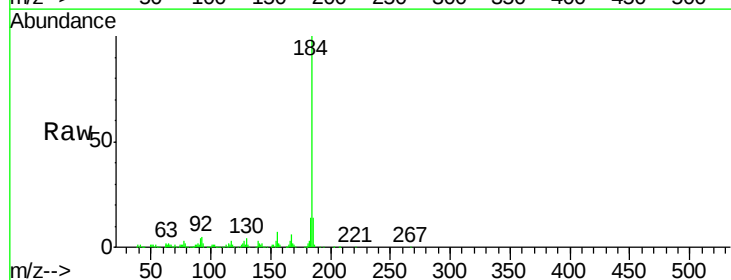
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BSD

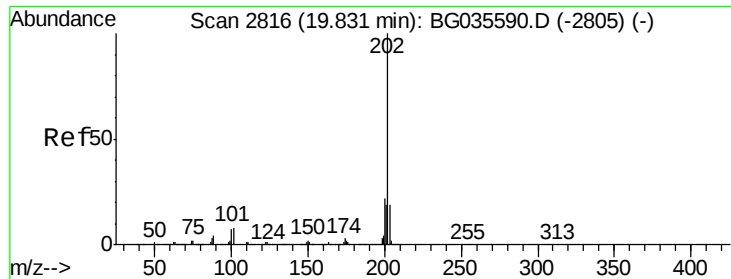
Tgt Ion:240 Resp: 374933
 Ion Ratio Lower Upper
 240 100
 120 5.6 6.8 10.2#
 236 25.6 20.9 31.3



#76
 Benzidine
 Concen: 29.985 ng
 RT: 19.62 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Tgt Ion:184 Resp: 295569
 Ion Ratio Lower Upper
 184 100
 185 14.5 11.1 16.7
 183 13.6 10.6 16.0





#77

Pyrene

Concen: 43.643 ng

RT: 19.81 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

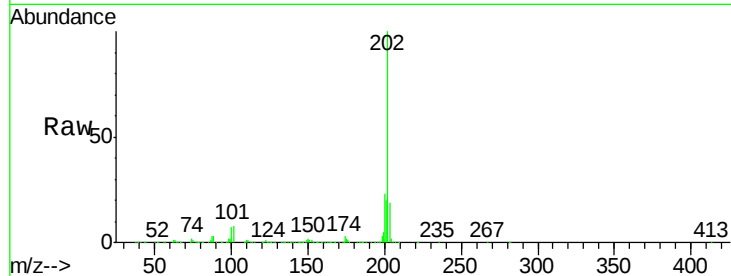
Tgt Ion:202 Resp: 1034654

Ion Ratio Lower Upper

202 100

200 23.0 16.9 25.3

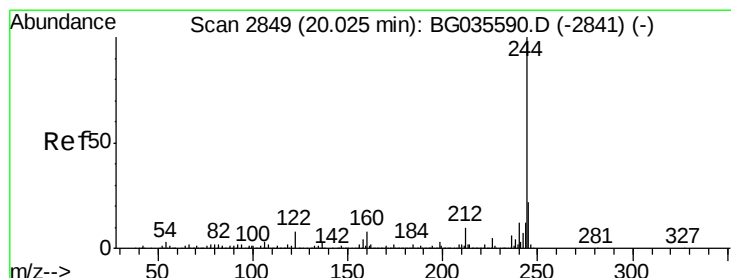
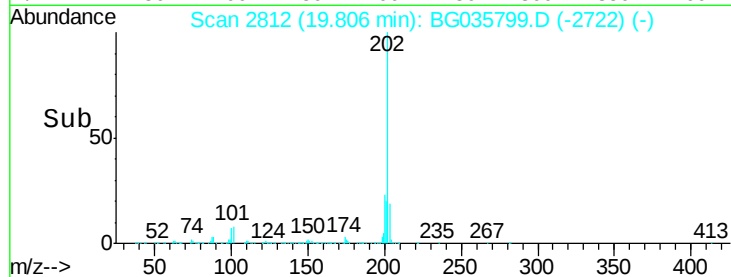
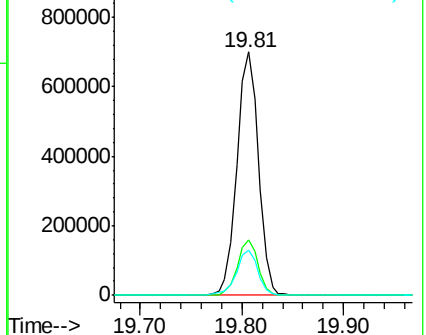
203 18.7 13.9 20.9



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: 91.342 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.01 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

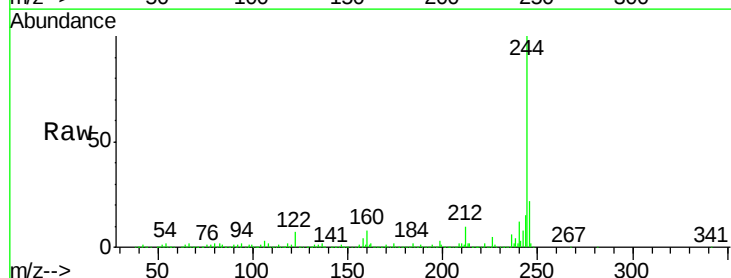
Tgt Ion:244 Resp: 1553650

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

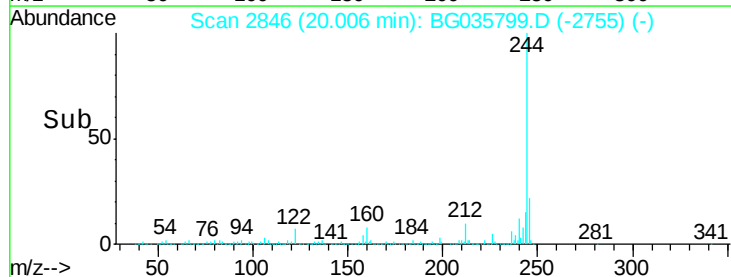
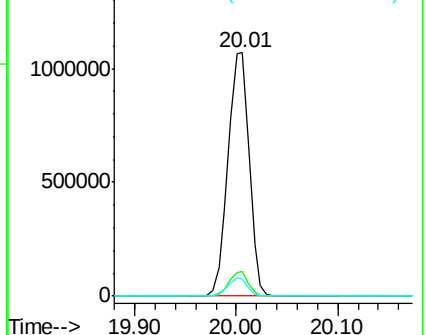
122 6.8 7.0 10.4#

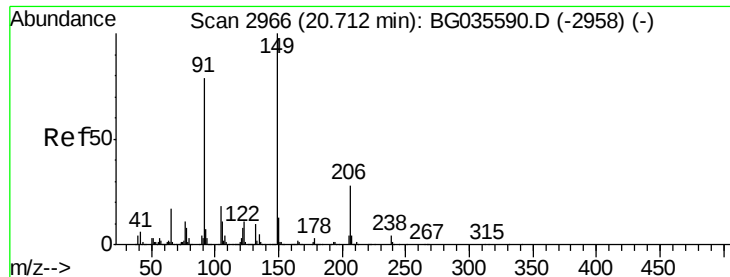


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.948 ng

RT: 20.69 min Scan# 2962

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

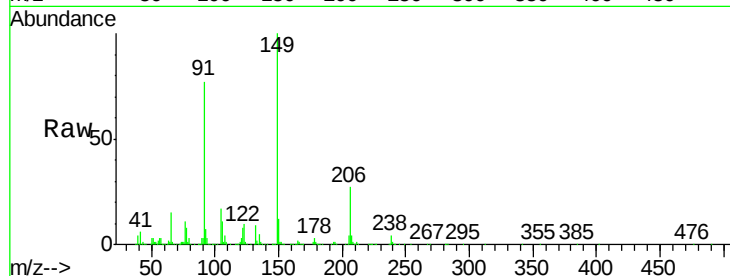
Tgt Ion:149 Resp: 389544

Ion Ratio Lower Upper

149 100

91 76.8 62.2 93.2

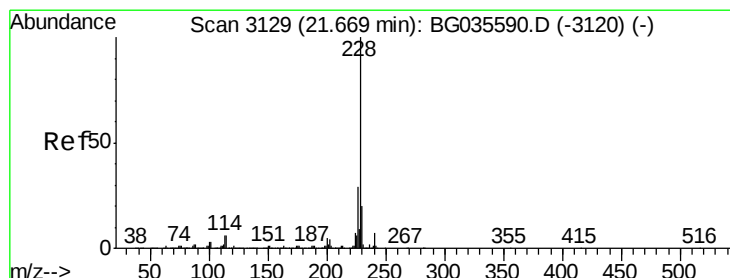
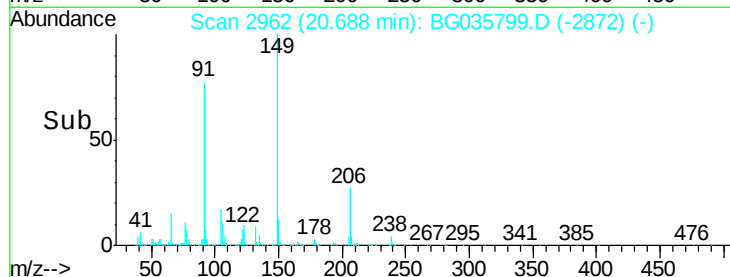
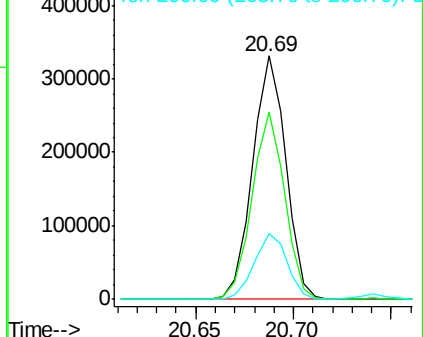
206 26.9 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.081 ng

RT: 21.64 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

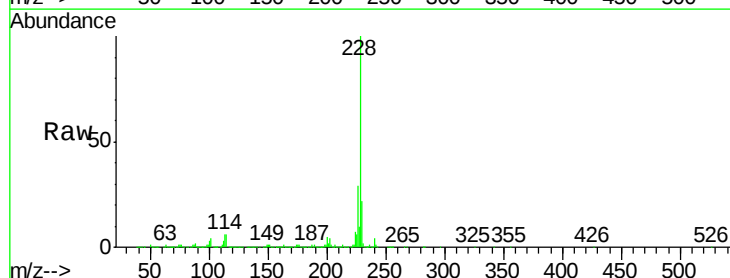
Tgt Ion:228 Resp: 1029945

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

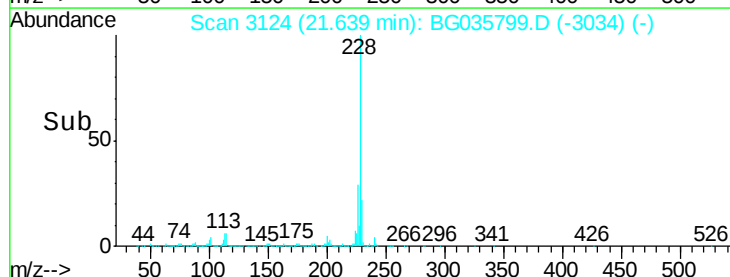
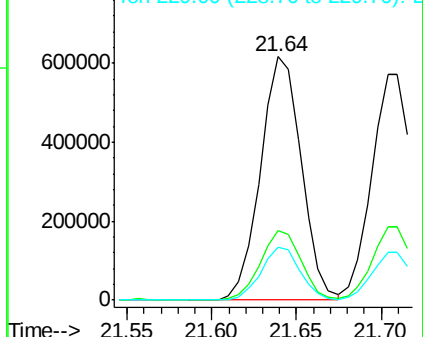
229 21.9 16.2 24.2

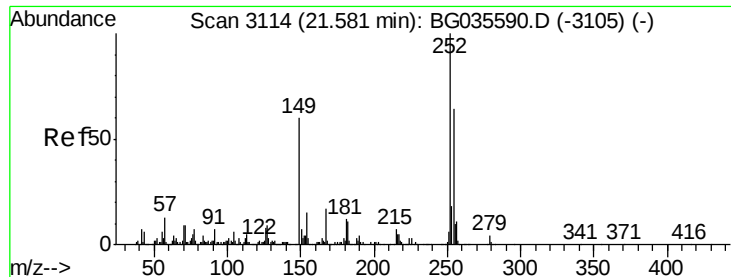


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

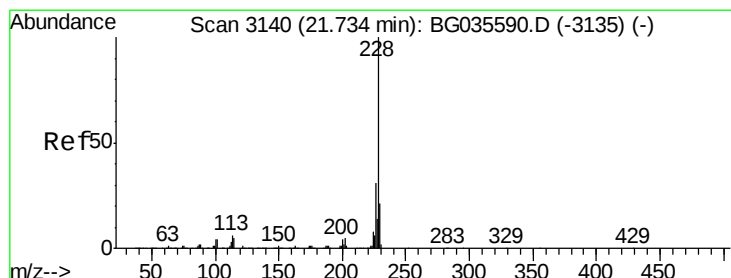
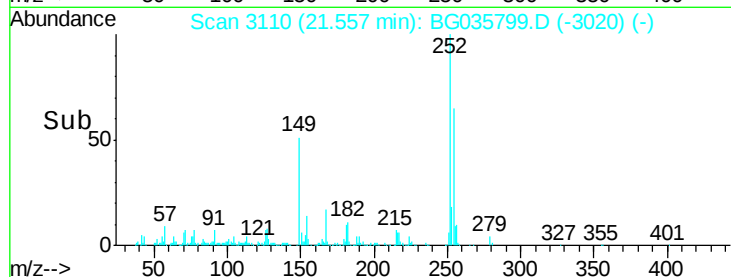
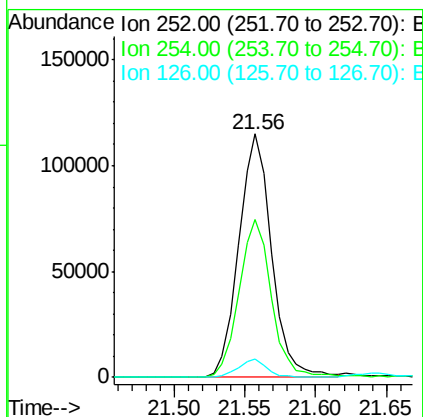
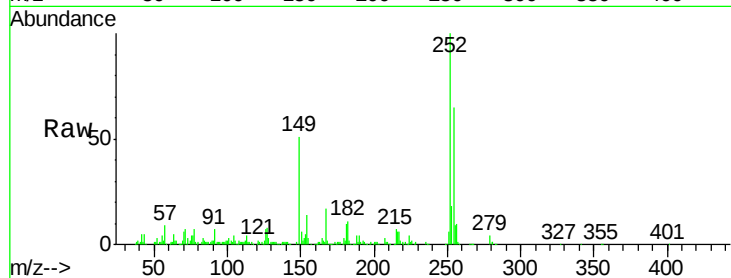




#81
 3,3'-Dichlorobenzidine
 Concen: 22.928 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

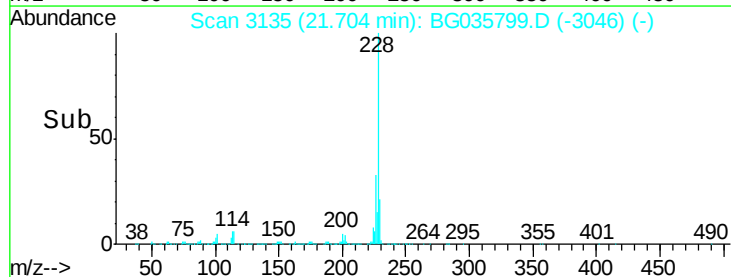
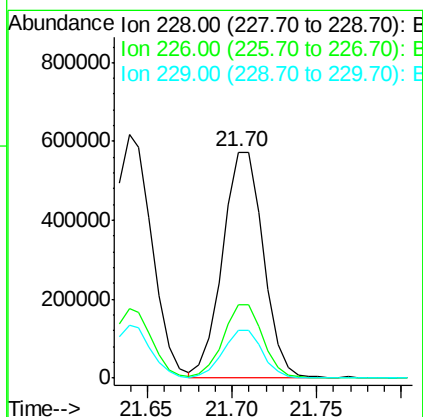
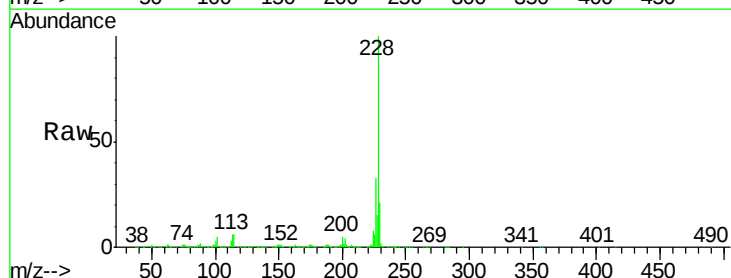
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BSD

Tgt Ion:252 Resp: 186790
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.8 76.2
 126 7.3 7.4 11.2#



#82
 Chrysene
 Concen: 44.175 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Tgt Ion:228 Resp: 956448
 Ion Ratio Lower Upper
 228 100
 226 32.7 24.9 37.3
 229 21.3 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.496 ng

RT: 21.54 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

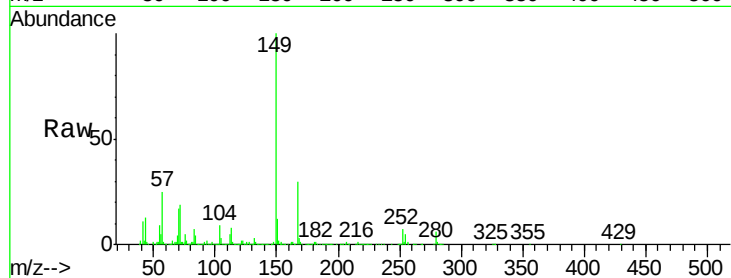
Tgt Ion:149 Resp: 535895

Ion Ratio Lower Upper

149 100

167 30.4 24.3 36.5

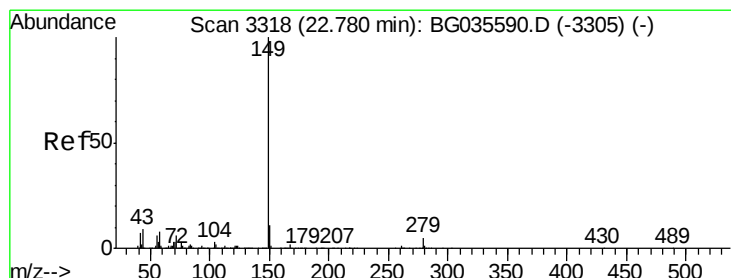
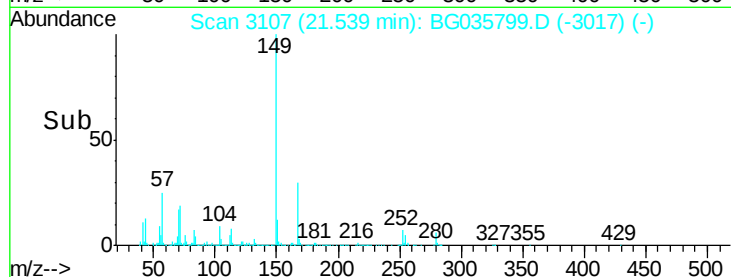
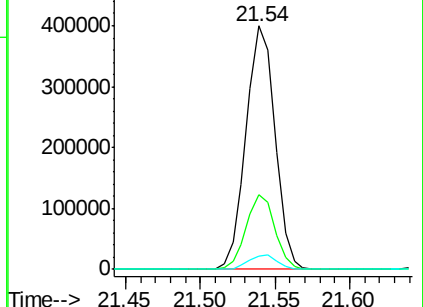
279 5.5 4.0 6.0



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: 47.227 ng

RT: 22.74 min Scan# 3312

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

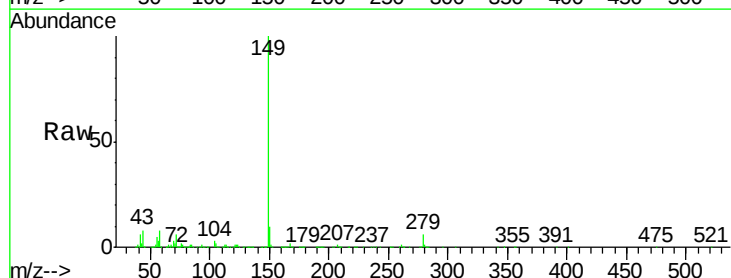
Tgt Ion:149 Resp: 911404

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

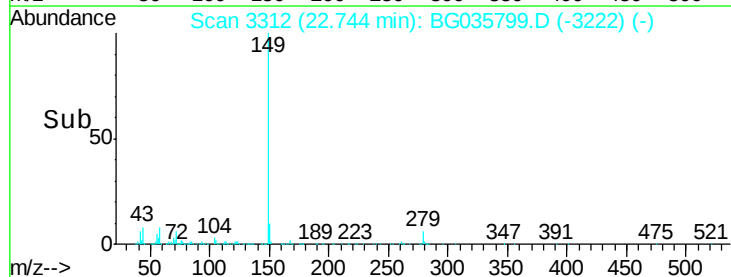
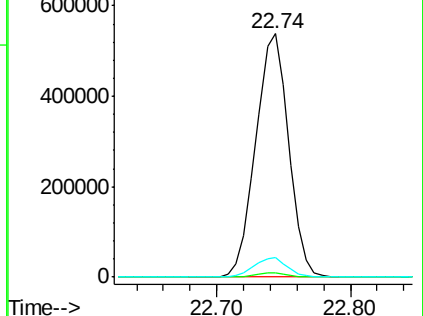
43 7.9 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.159 ng

RT: 28.51 min Scan# 4293

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

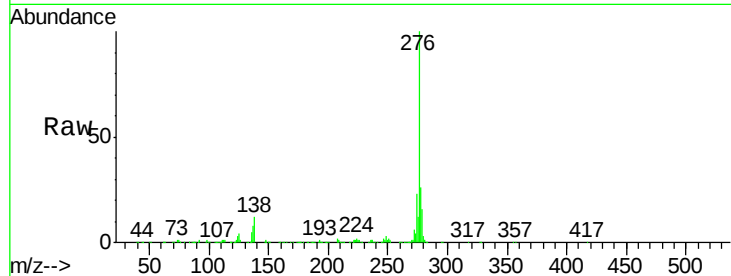
Tgt Ion:276 Resp: 1106482

Ion Ratio Lower Upper

276 100

138 14.8 16.0 24.0#

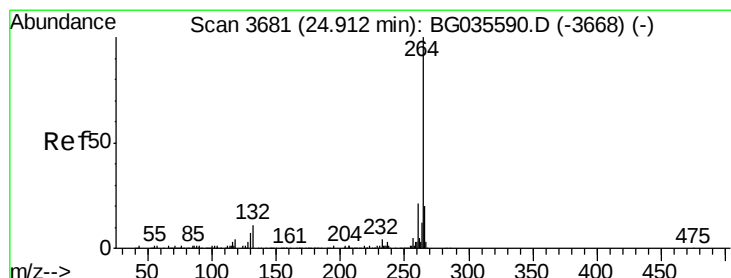
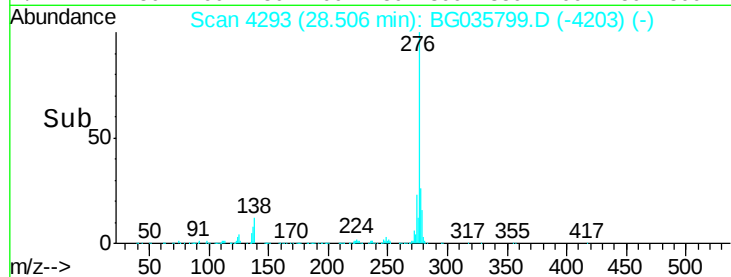
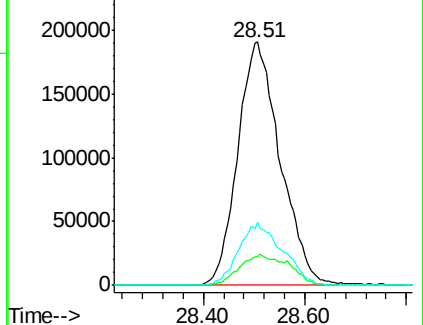
277 26.7 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

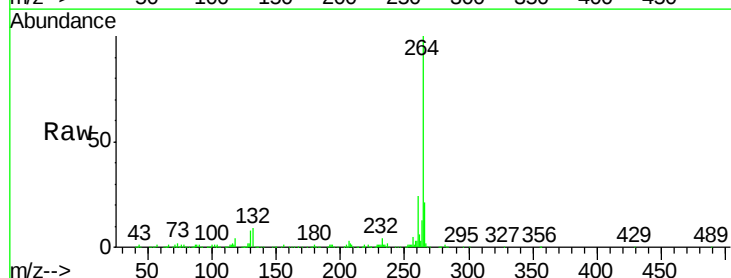
Tgt Ion:264 Resp: 367301

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

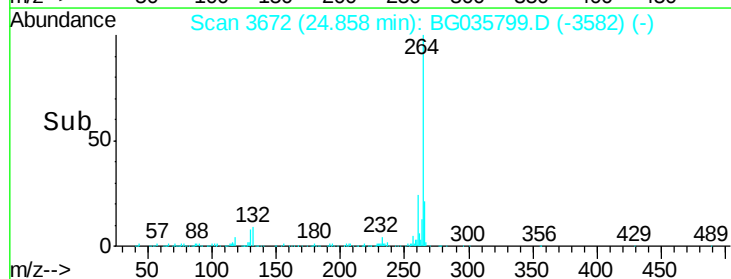
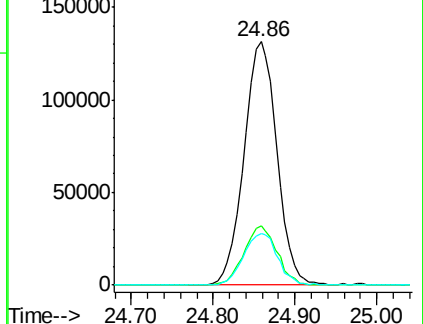
265 21.0 17.7 26.5

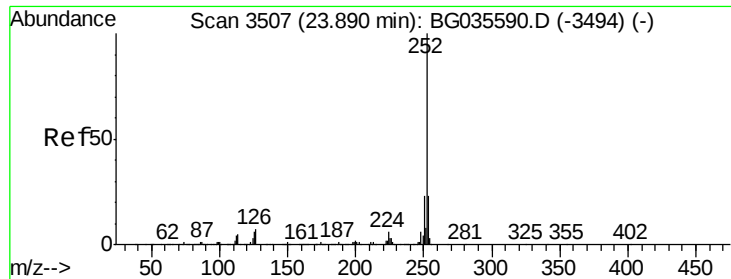


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

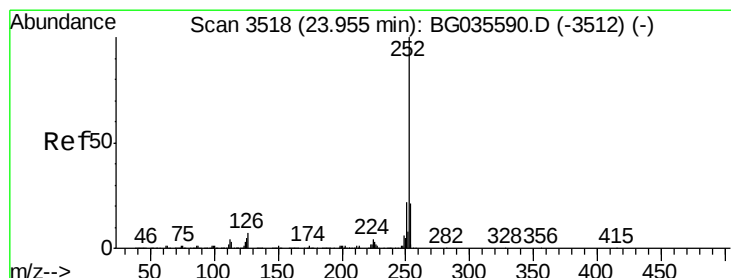
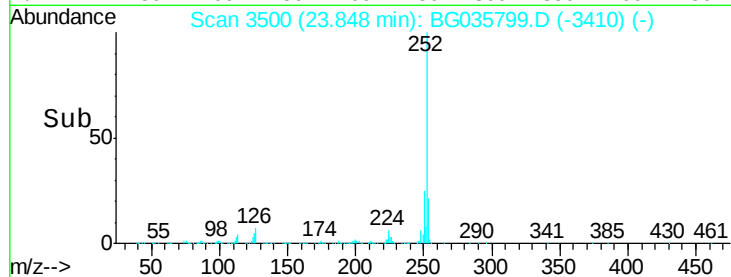
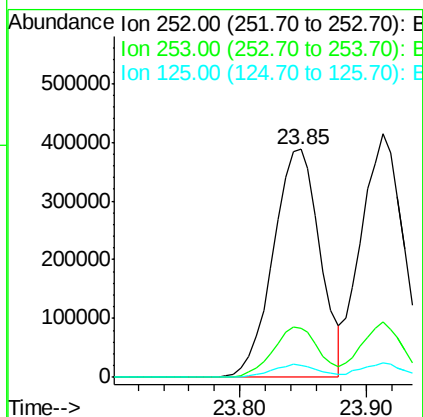
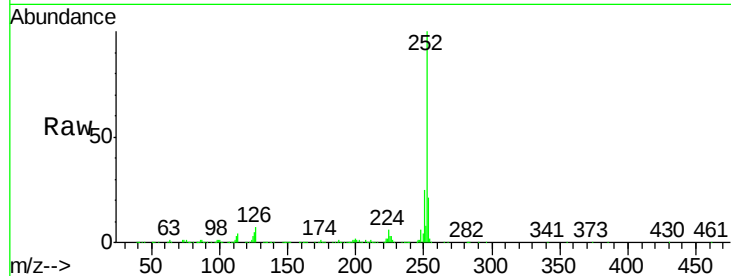




#87
 Benzo(b)fluoranthene
 Concen: 44.569 ng
 RT: 23.85 min Scan# 3500
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

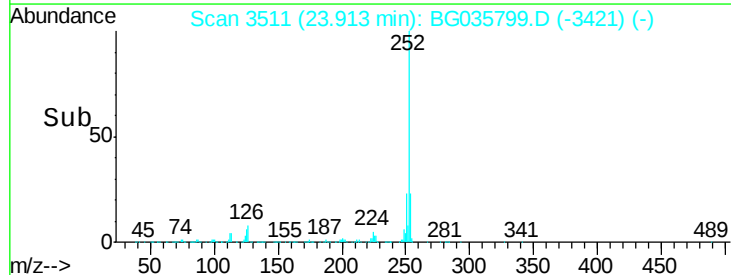
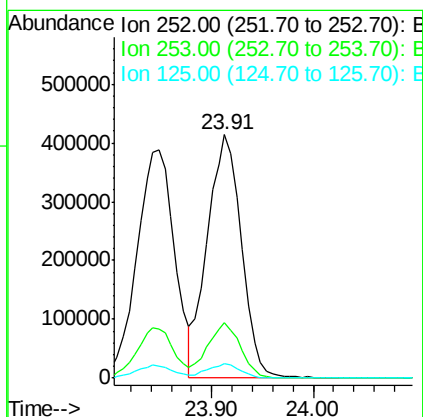
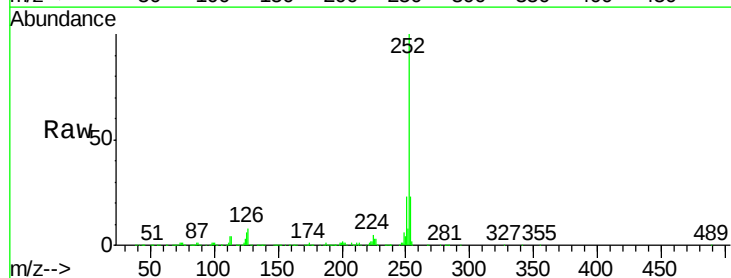
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BSD

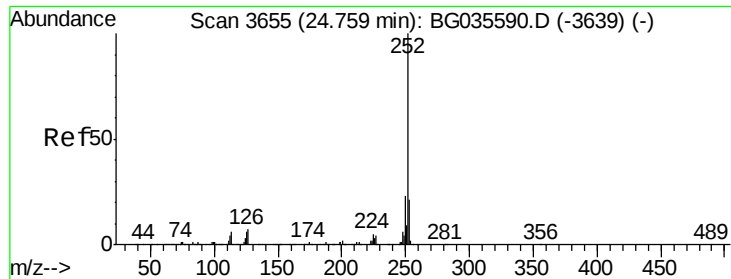
Tgt Ion:252 Resp: 994985
 Ion Ratio Lower Upper
 252 100
 253 21.3 18.2 27.4
 125 5.4 7.2 10.8#



#88
 Benzo(k)fluoranthene
 Concen: 43.882 ng
 RT: 23.91 min Scan# 3511
 Delta R.T. 0.00 min
 Lab File: BG035799.D
 Acq: 21 Jul 2018 00:37

Tgt Ion:252 Resp: 957736
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.4 26.2
 125 5.8 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 46.299 ng

RT: 24.71 min Scan# 3647

Delta R.T. 0.00 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

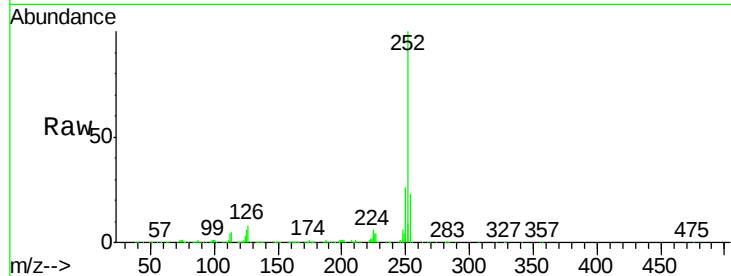
Tgt Ion:252 Resp: 961576

Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

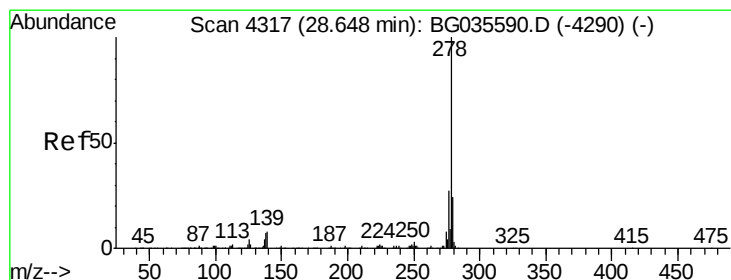
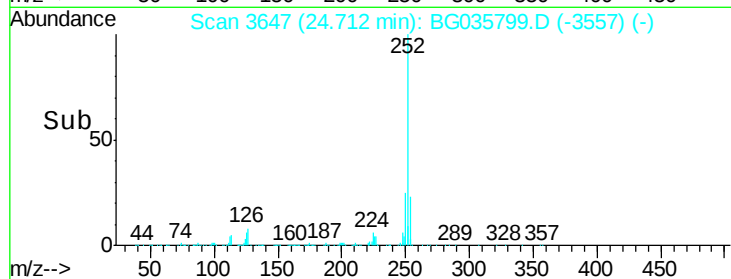
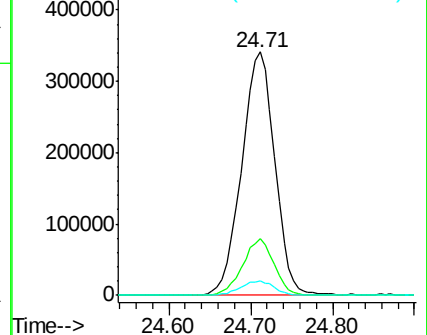
125 5.8 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.048 ng

RT: 28.57 min Scan# 4303

Delta R.T. -0.01 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

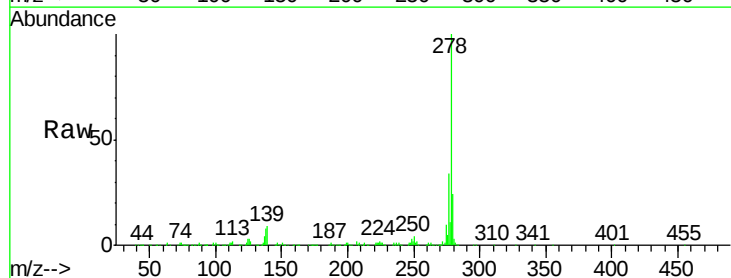
Tgt Ion:278 Resp: 938909

Ion Ratio Lower Upper

278 100

139 9.2 9.8 14.6#

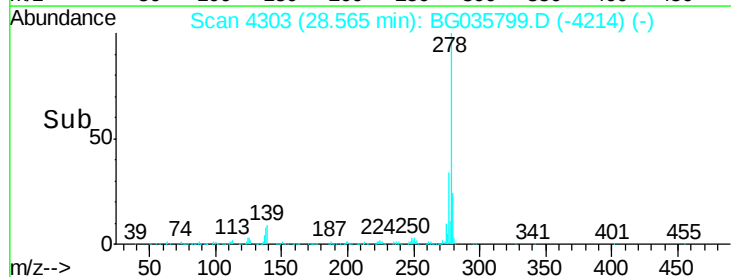
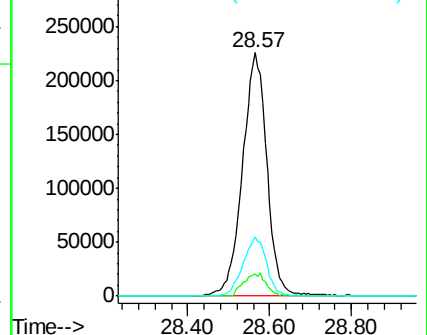
279 24.4 18.4 27.6

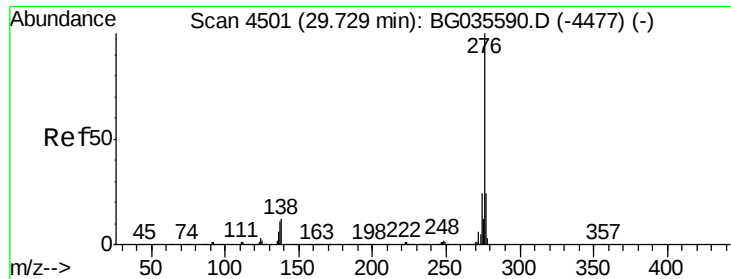


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.531 ng

RT: 29.65 min Scan# 4487

Delta R.T. -0.01 min

Lab File: BG035799.D

Acq: 21 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB111227BSD

Tgt Ion: 276 Resp: 928407

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 11.5 13.9 20.9#

