

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
 Data File : BG035784.D
 Acq On : 20 Jul 2018 14:55
 Operator : JU/SJ
 Sample : PB111100BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

Quant Time: Jul 20 15:33:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	46021	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	162048	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	113668	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	302348	20.00	ng	0.00
75) Chrysene-d12	21.66	240	328289	20.00	ng	-0.02
86) Perylene-d12	24.86	264	313940	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	384387	138.67	ng	0.00
7) Phenol-d6	7.20	99	552392	133.57	ng	0.00
23) Nitrobenzene-d5	9.19	82	355411	91.62	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	234304	156.39	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	808678	95.31	ng	-0.01
78) Terphenyl-d14	20.00	244	1436530	96.46	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	43992	31.182	ng	# 74
3) Pyridine	3.91	79	127132	34.517	ng	# 72
4) n-Nitrosodimethylamine	3.83	42	50485	31.923	ng	# 70
6) Aniline	7.35	93	98856	18.442	ng	100
8) 2-Chlorophenol	7.60	128	121632	43.144	ng	95
9) Benzaldehyde	7.17	77	66330	26.139	ng	92
10) Phenol	7.23	94	180923	43.300	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	124090	37.922	ng	87
12) 1,3-Dichlorobenzene	7.92	146	138186	40.589	ng	96
13) 1,4-Dichlorobenzene	8.06	146	139810	40.418	ng	91
14) 1,2-Dichlorobenzene	8.38	146	133166	40.073	ng	96
15) Benzyl Alcohol	8.27	79	140261	37.347	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	139321	50.785	ng	78
17) 2-Methylphenol	8.48	107	119400	42.030	ng	93
18) Hexachloroethane	9.11	117	51802	39.167	ng	87
19) n-Nitroso-di-n-propylamine	8.83	70	111137	31.912	ng	# 85
20) 3+4-Methylphenols	8.80	107	160252	40.663	ng	90
22) Acetophenone	8.85	105	208702	41.415	ng	# 89
24) Nitrobenzene	9.23	77	167091	42.831	ng	# 89
25) Isophorone	9.75	82	315300	43.786	ng	99
26) 2-Nitrophenol	9.94	139	69917	50.463	ng	# 92
27) 2,4-Dimethylphenol	10.00	122	123241	52.548	ng	91
28) bis(2-Chloroethoxy)methane	10.23	93	170483	42.966	ng	98
29) 2,4-Dichlorophenol	10.48	162	136033	50.812	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	147978	45.077	ng	96
31) Naphthalene	10.88	128	370718	43.917	ng	96
32) Benzoic acid	10.16	122	64045	40.565	ng	96
33) 4-Chloroaniline	11.00	127	41879	11.383	ng	# 92
34) Hexachlorobutadiene	11.17	225	115423	45.089	ng	96
35) Caprolactam	11.77	113	24967	21.732	ng	# 81
36) 4-Chloro-3-methylphenol	12.11	107	164585	45.865	ng	90
37) 2-Methylnaphthalene	12.48	142	284576	45.251	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	196658	45.839	ng	99
40) Hexachlorocyclopentadiene	12.83	237	264108	117.382	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	128178	51.089	ng	95
43) 2,4,5-Trichlorophenol	13.17	196	137462	48.976	ng	# 95
45) 1,1'-Biphenyl	13.49	154	389990	44.254	ng	97
46) 2-Chloronaphthalene	13.53	162	310119	45.241	ng	99
47) 2-Nitroaniline	13.73	65	106352	43.885	ng	93
48) Acenaphthylene	14.37	152	514984	44.849	ng	97
49) Dimethylphthalate	14.11	163	432036	43.382	ng	99
50) 2,6-Dinitrotoluene	14.23	165	100211	49.413	ng	93
51) Acenaphthene	14.71	154	297748	41.626	ng	98
52) 3-Nitroaniline	14.56	138	35013	16.892	ng	# 93
53) 2,4-Dinitrophenol	14.77	184	75141	72.705	ng	# 60
54) Dibenzofuran	15.05	168	497753	43.755	ng	94
55) 4-Nitrophenol	14.88	139	140148	94.941	ng	# 89
56) 2,4-Dinitrotoluene	15.01	165	142603	49.013	ng	# 84
57) Fluorene	15.70	166	414962	43.522	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	131794	48.974	ng	95
59) Diethylphthalate	15.47	149	423805	41.386	ng	96
60) 4-Chlorophenyl-phenylether	15.69	204	243700	43.487	ng	97
61) 4-Nitroaniline	15.72	138	88006	40.589	ng	# 83
62) Azobenzene	15.98	77	425416	42.116	ng	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	64450	38.293	ng	85
65) n-Nitrosodiphenylamine	15.91	169	367843	42.743	ng	98
66) 4-Bromophenyl-phenylether	16.58	248	164989	47.036	ng	96
67) Hexachlorobenzene	16.71	284	168210	46.566	ng	# 92
68) Atrazine	16.85	200	172355	48.642	ng	97
69) Pentachlorophenol	17.05	266	137657	62.564	ng	98
70) Phenanthrene	17.44	178	676970	44.872	ng	98
71) Anthracene	17.53	178	695880	46.323	ng	99
72) Carbazole	17.80	167	631498	44.265	ng	98
73) Di-n-butylphthalate	18.35	149	728435	43.208	ng	# 99
74) Fluoranthene	19.44	202	889037	43.749	ng	98
76) Benzidine	19.63	184	188439	21.833	ng	96
77) Pyrene	19.81	202	896853	43.205	ng	97
79) Butylbenzylphthalate	20.69	149	338463	45.595	ng	# 94
80) Benzo(a)anthracene	21.64	228	909497	44.457	ng	100
81) 3,3'-Dichlorobenzidine	21.56	252	167138	23.431	ng	99
82) Chrysene	21.70	228	834686	44.028	ng	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	466673	46.243	ng	97
84) Di-n-octyl phthalate	22.74	149	790419	46.777	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.50	276	962455	45.855	ng	# 93
87) Benzo(b)fluoranthene	23.84	252	865643	45.366	ng	# 97
88) Benzo(k)fluoranthene	23.91	252	830091	44.498	ng	# 96
89) Benzo(a)pyrene	24.71	252	830892	46.806	ng	# 97
90) Dibenzo(a,h)anthracene	28.56	278	801469	45.988	ng	95
91) Benzo(g,h,i)perylene	29.64	276	800995	46.969	ng	# 95

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

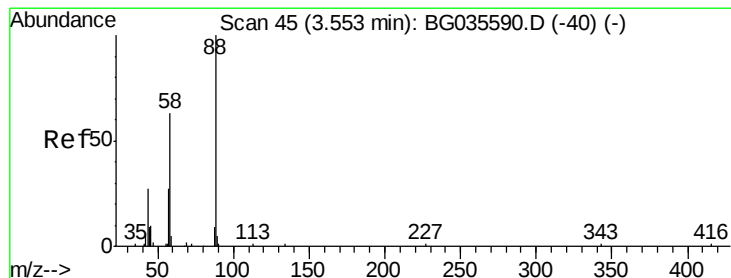
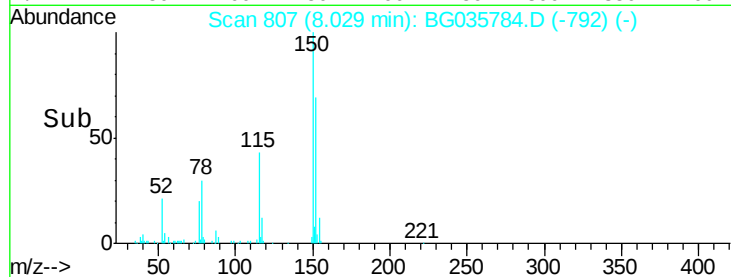
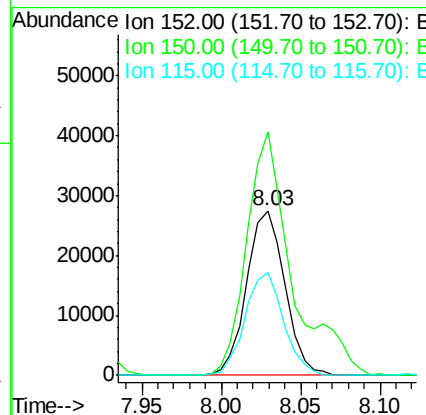
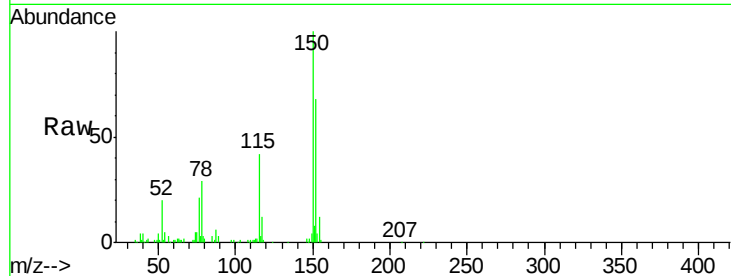


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

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PB111100BS

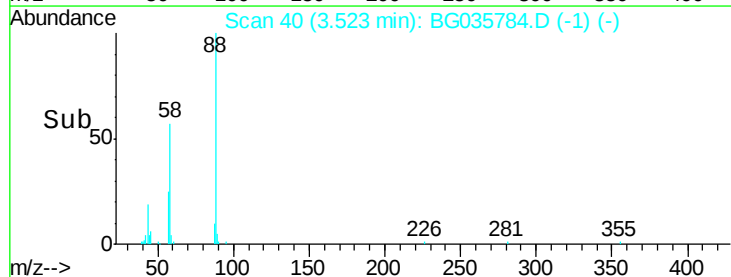
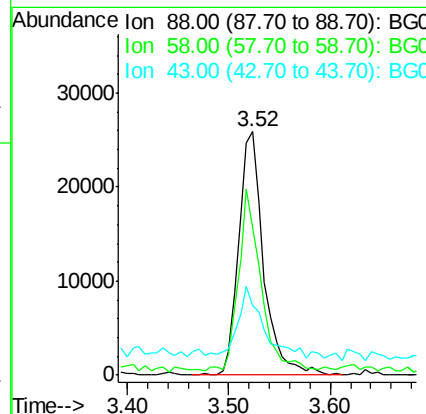
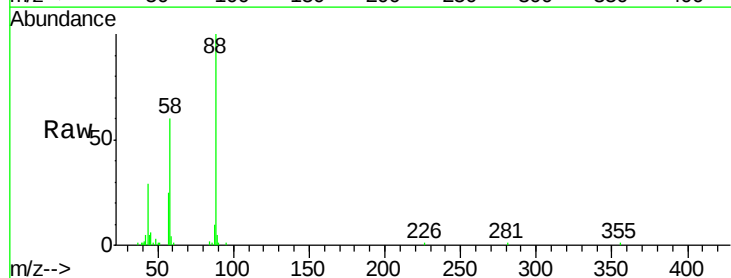
Tgt Ion: 152 Resp: 46021
Ion Ratio Lower Upper
152 100
150 148.1 126.6 189.8
115 62.8 53.0 79.4

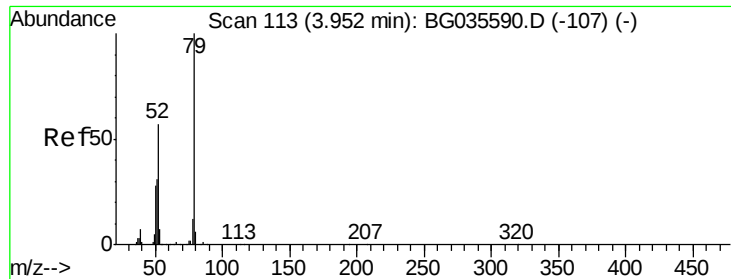


#2

1,4-Dioxane
Concen: 31.182 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Tgt Ion: 88 Resp: 43992
Ion Ratio Lower Upper
88 100
58 67.7 79.6 119.4#
43 30.0 27.4 41.0





#3

Pyridine

Concen: 34.517 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.02 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Instrument :

BNA_G

ClientSampleId :

PB111100BS

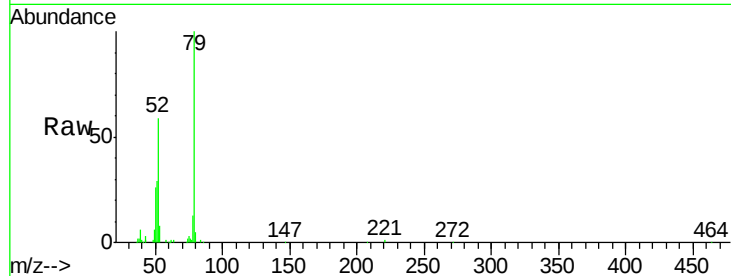
Tgt Ion: 79 Resp: 127132

Ion Ratio Lower Upper

79 100

52 58.9 69.9 104.9#

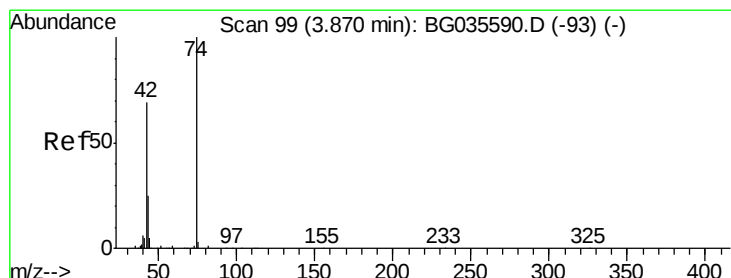
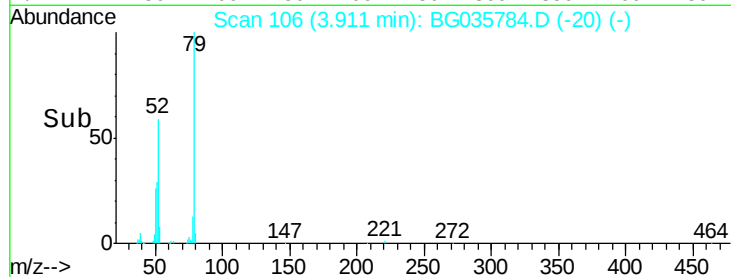
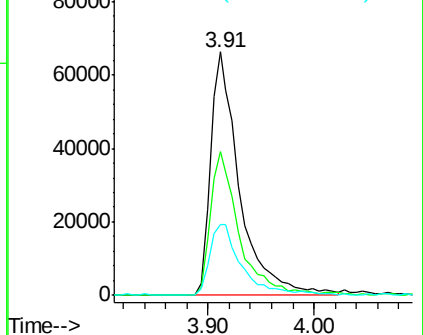
51 29.1 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 31.923 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

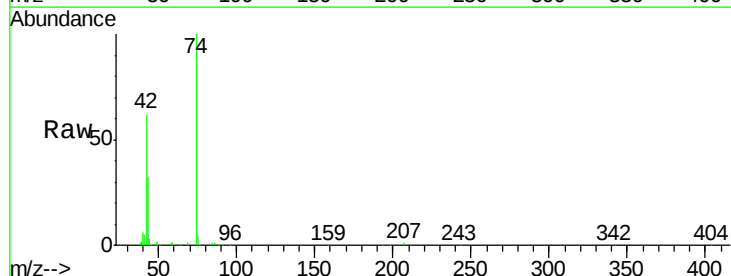
Tgt Ion: 42 Resp: 50485

Ion Ratio Lower Upper

42 100

74 161.2 102.5 153.7#

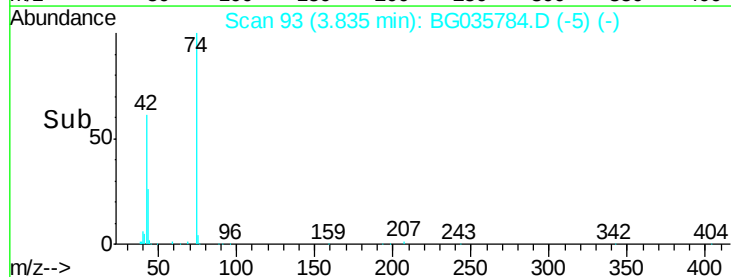
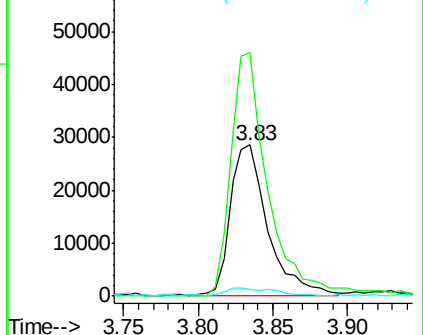
44 4.6 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 138.670 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

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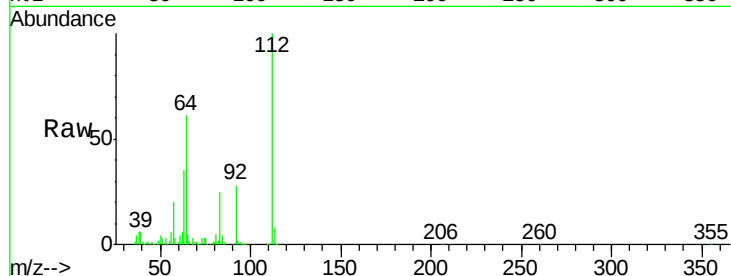
Tgt Ion: 112 Resp: 384387

Ion Ratio Lower Upper

112 100

64 61.3 56.3 84.5

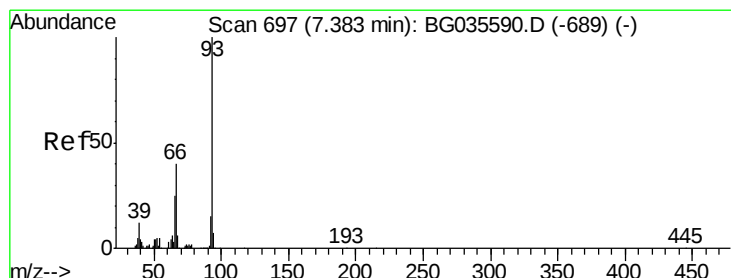
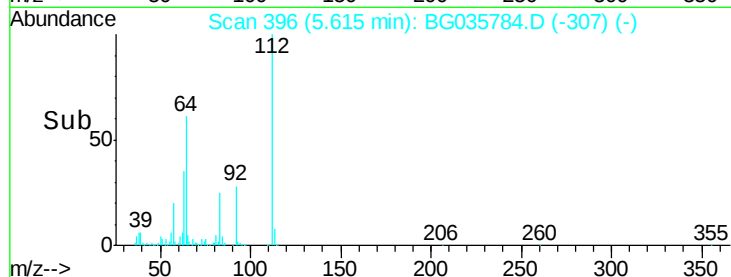
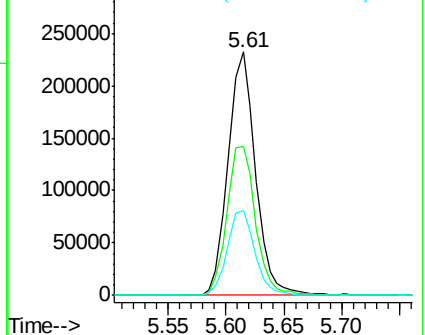
63 35.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.442 ng

RT: 7.35 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

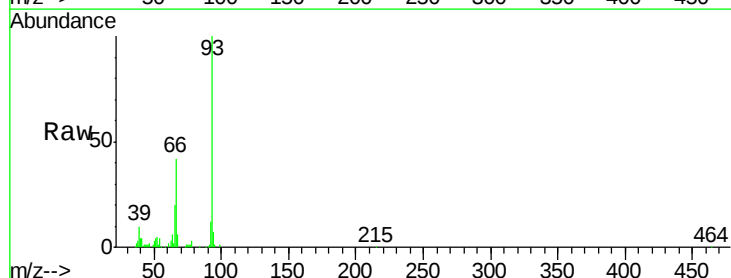
Tgt Ion: 93 Resp: 98856

Ion Ratio Lower Upper

93 100

66 42.2 33.7 50.5

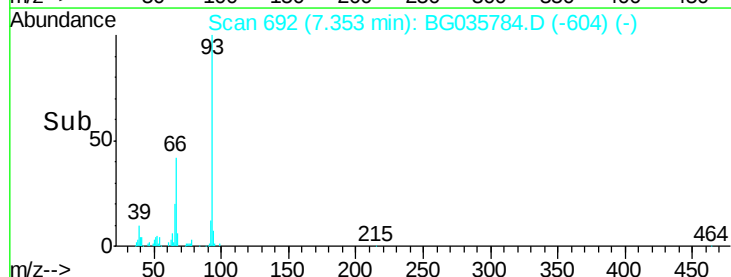
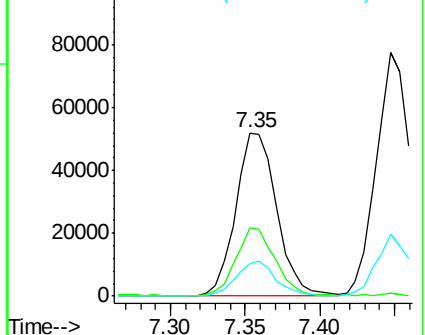
65 20.1 16.1 24.1

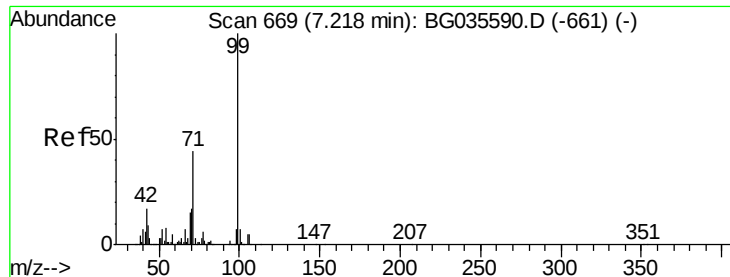


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.566 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035784.D

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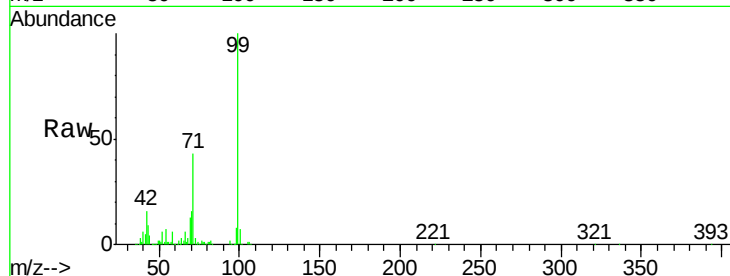
Tgt Ion: 99 Resp: 552392

Ion Ratio Lower Upper

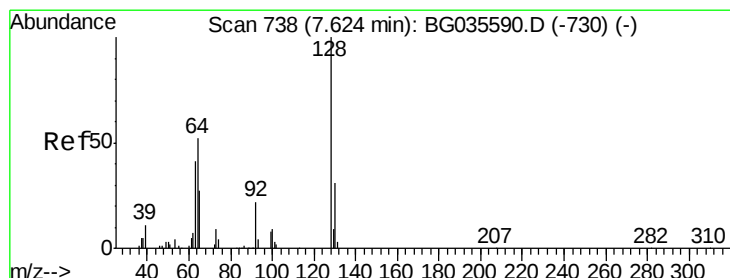
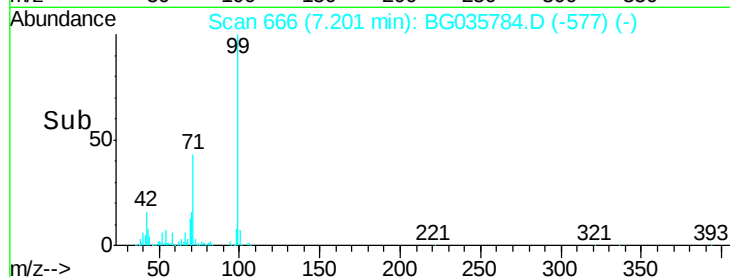
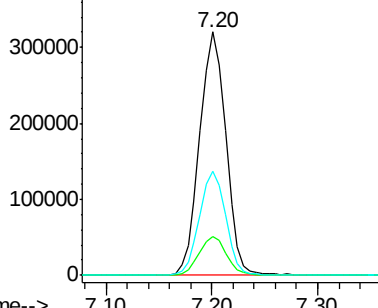
99 100

42 16.2 14.1 21.1

71 42.9 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: 43.144 ng

RT: 7.60 min Scan# 734

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

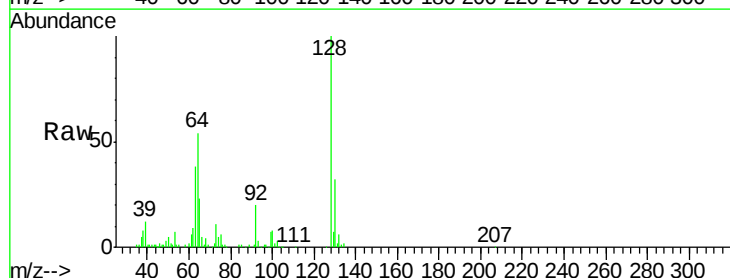
Tgt Ion: 128 Resp: 121632

Ion Ratio Lower Upper

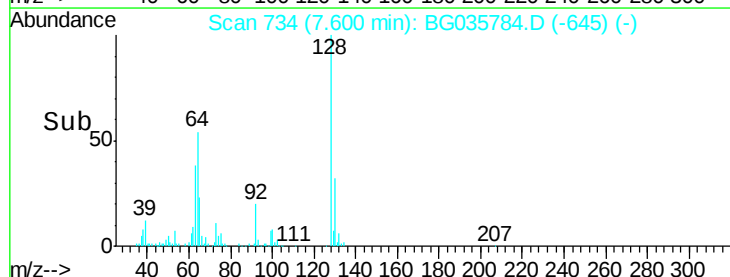
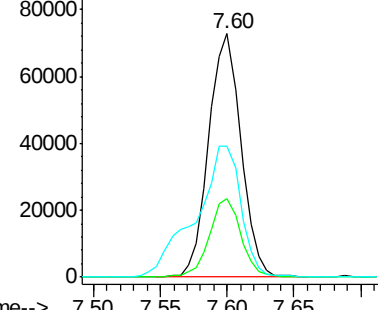
128 100

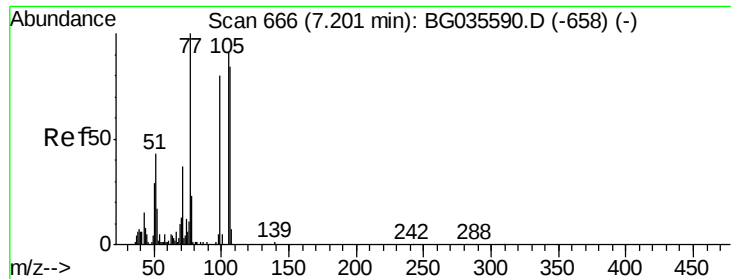
130 32.0 14.0 54.0

64 53.8 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: 26.139 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

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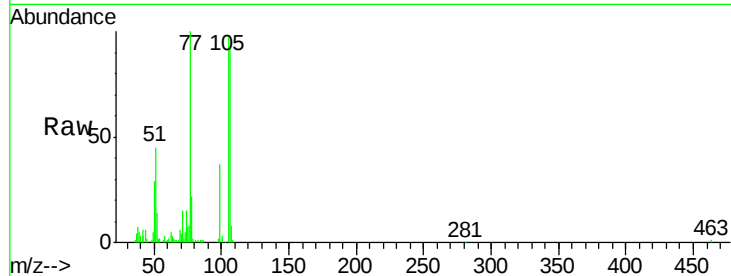
Tgt Ion: 77 Resp: 66330

Ion Ratio Lower Upper

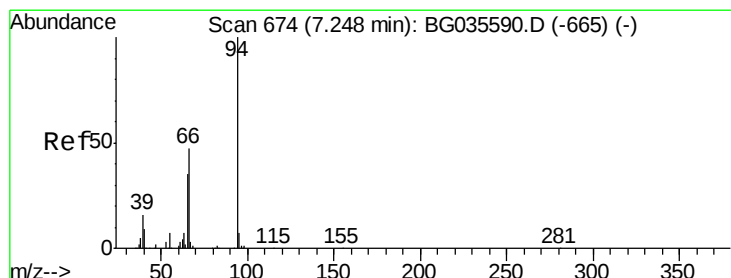
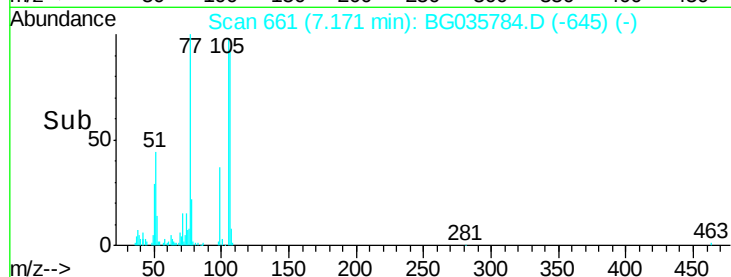
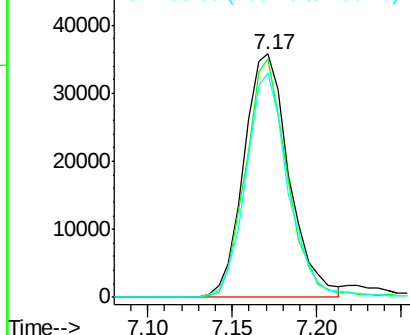
77 100

105 97.9 71.3 111.3

106 92.0 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.300 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

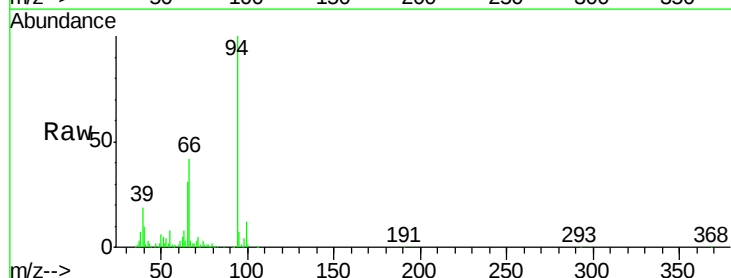
Tgt Ion: 94 Resp: 180923

Ion Ratio Lower Upper

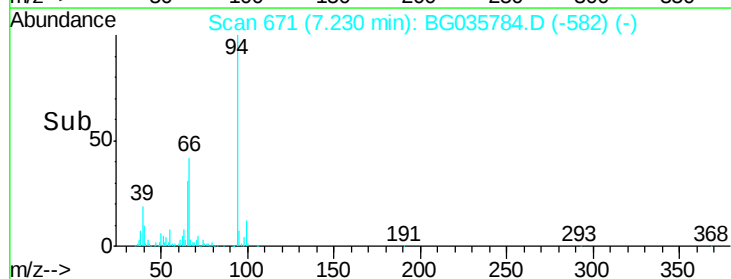
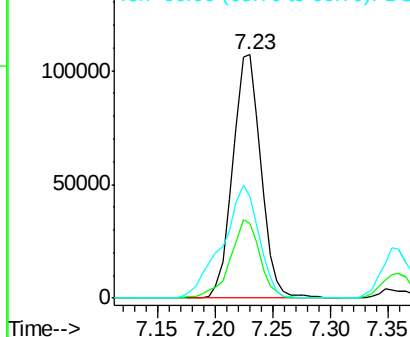
94 100

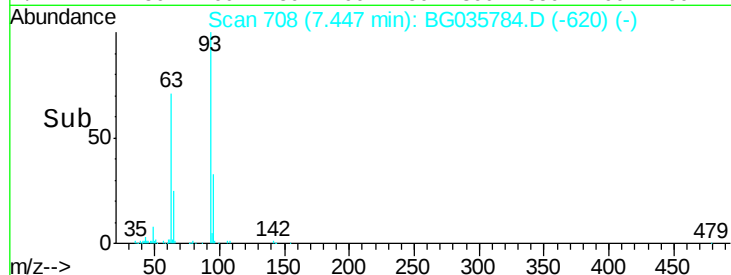
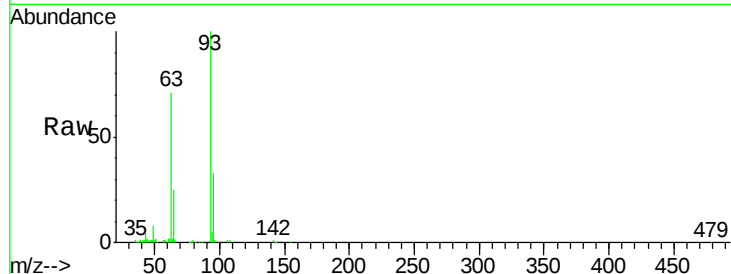
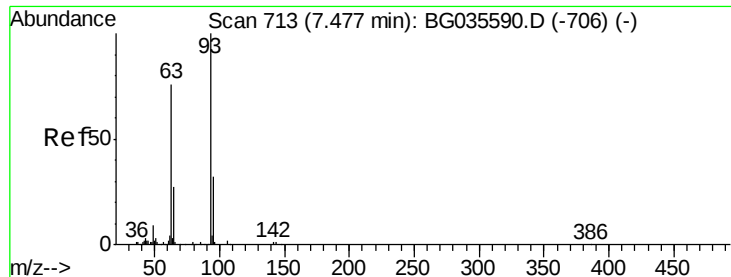
65 30.6 11.9 51.9

66 41.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

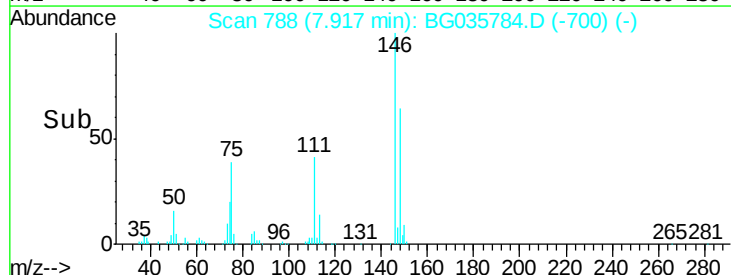
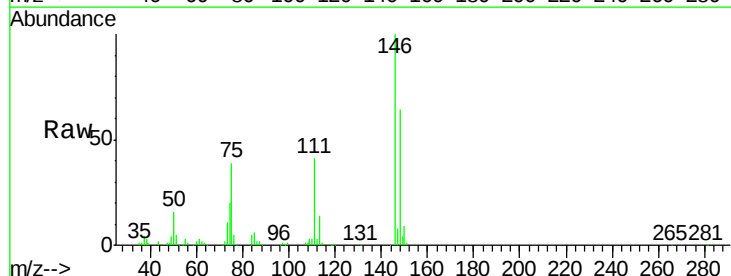
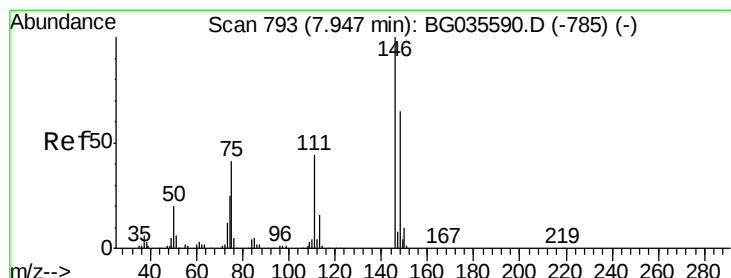
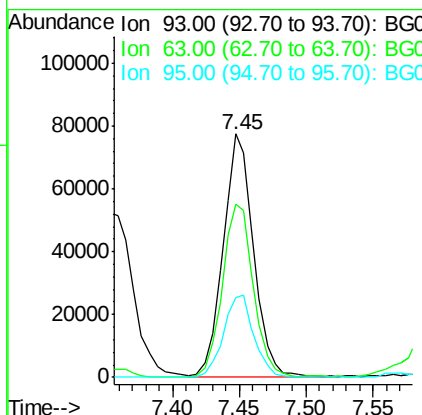




#11
bis(2-Chloroethyl)ether
Concen: 37.922 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

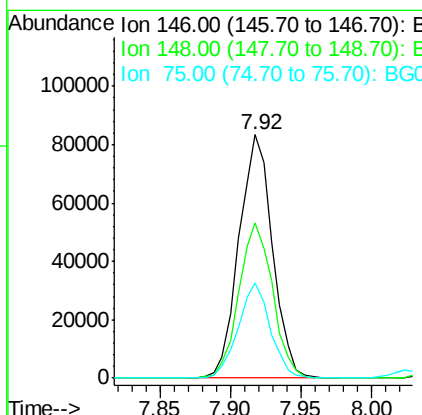
Instrument :
BNA_G
ClientSampleId :
PB111100BS

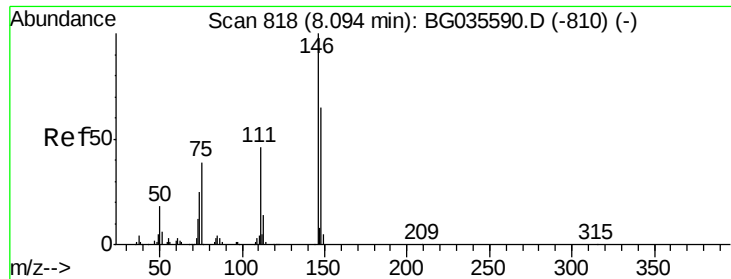
Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.2	67.1	107.1
95	33.0	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 40.589 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
75	38.9	26.6	39.8

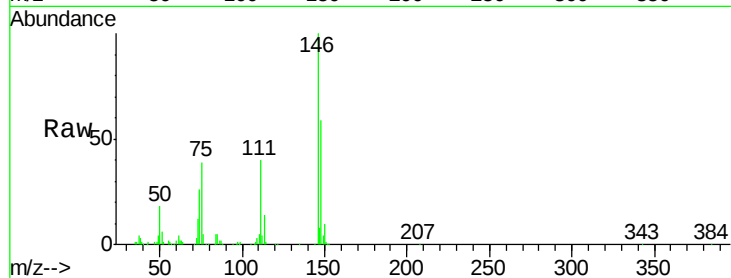




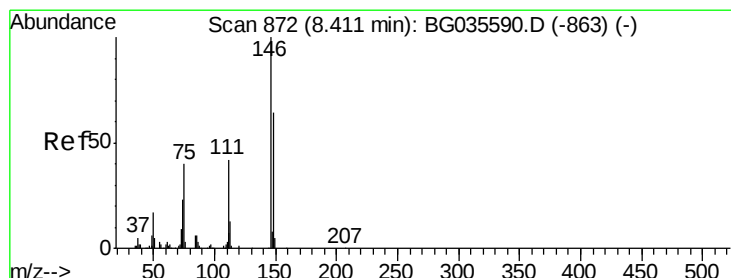
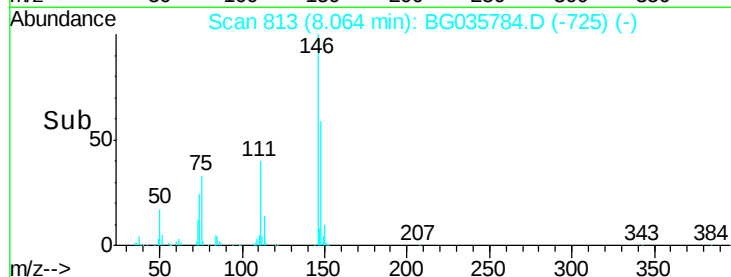
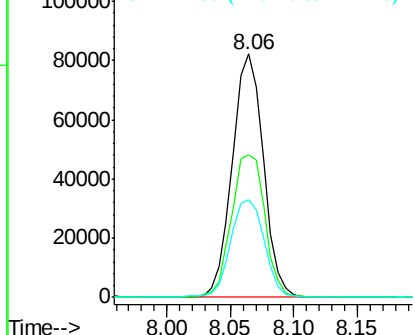
#13
 1,4-Dichlorobenzene
 Concen: 40.418 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

Tgt Ion:146 Resp: 139810
 Ion Ratio Lower Upper
 146 100
 148 58.7 53.7 80.5
 111 40.4 35.2 52.8

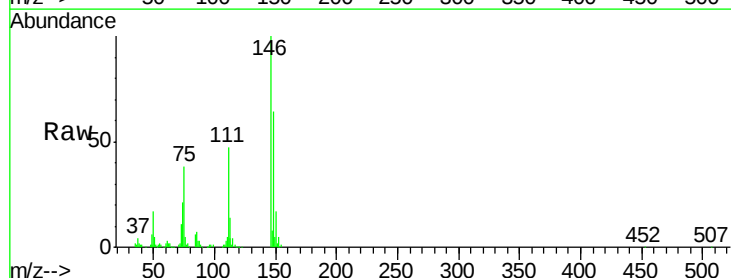


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

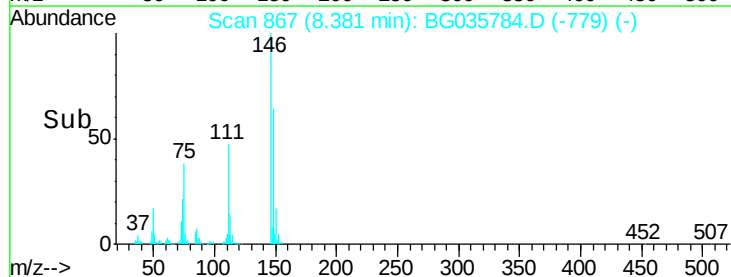
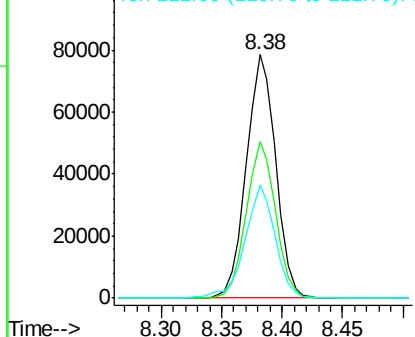


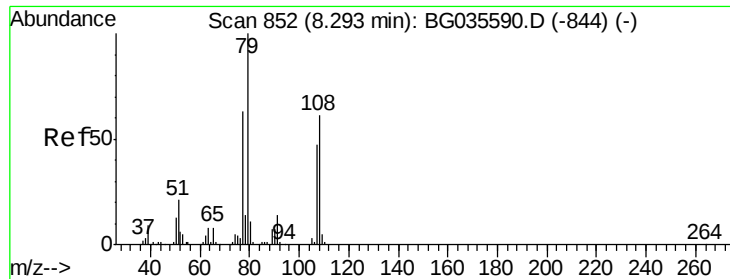
#14
 1,2-Dichlorobenzene
 Concen: 40.073 ng
 RT: 8.38 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion:146 Resp: 133166
 Ion Ratio Lower Upper
 146 100
 148 64.2 49.3 73.9
 111 46.7 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.347 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Instrument :

BNA_G

ClientSampleId :

PB111100BS

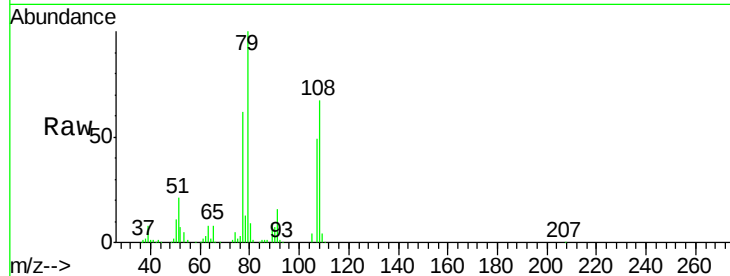
Tgt Ion: 79 Resp: 140261

Ion Ratio Lower Upper

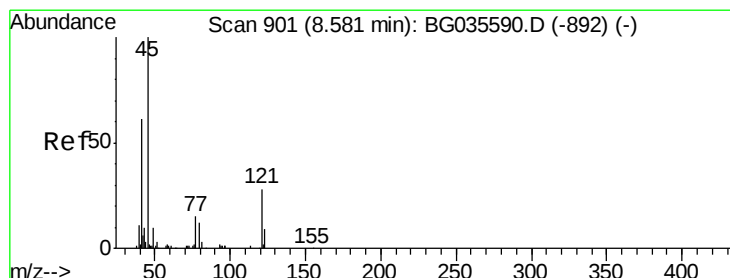
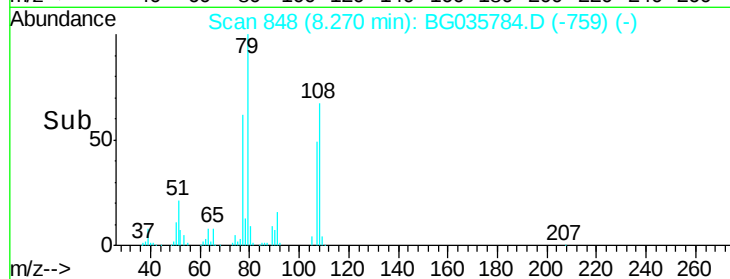
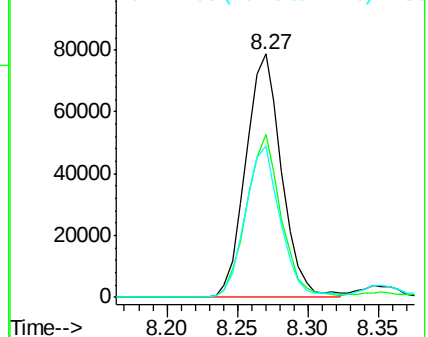
79 100

108 66.8 57.2 85.8

77 62.3 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: 50.785 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

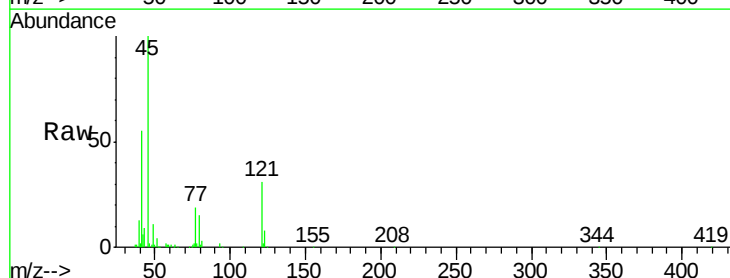
Tgt Ion: 45 Resp: 139321

Ion Ratio Lower Upper

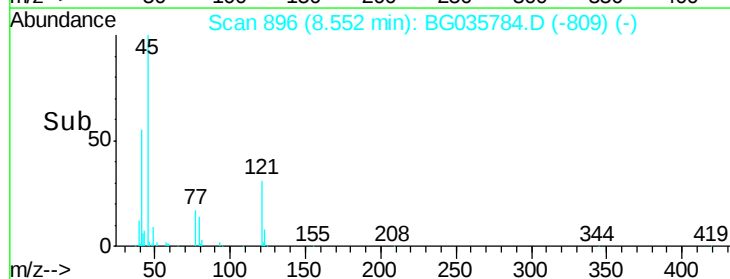
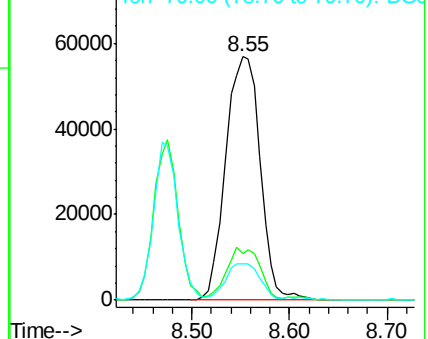
45 100

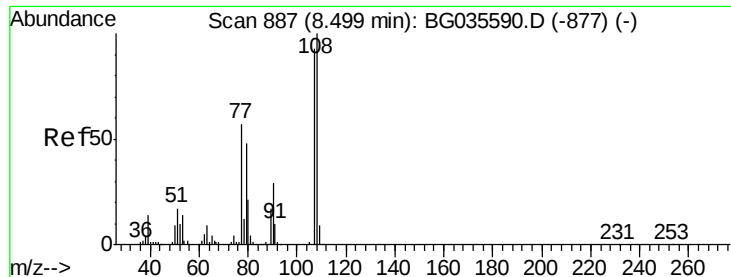
77 19.0 0.0 30.2

79 14.9 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: 42.030 ng

RT: 8.48 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Instrument :

BNA_G

ClientSampleId :

PB111100BS

Tgt Ion:107 Resp: 119400

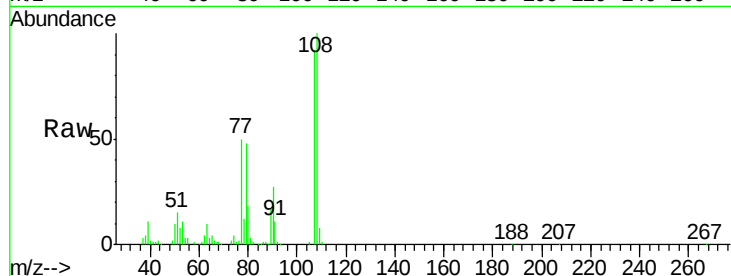
Ion Ratio Lower Upper

107 100

108 108.4 83.9 125.9

77 54.5 37.2 55.8

79 52.0 36.2 54.2

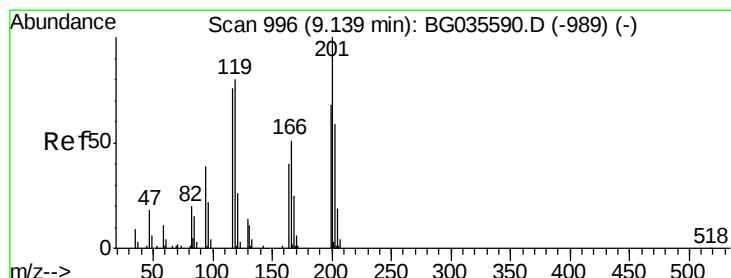
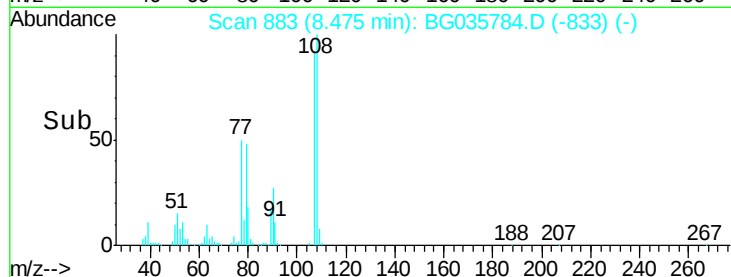
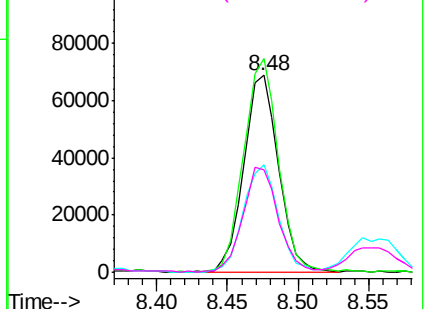


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.167 ng

RT: 9.11 min Scan# 991

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

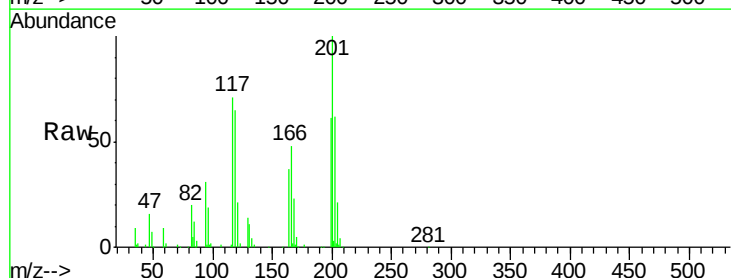
Tgt Ion:117 Resp: 51802

Ion Ratio Lower Upper

117 100

119 91.2 76.7 115.1

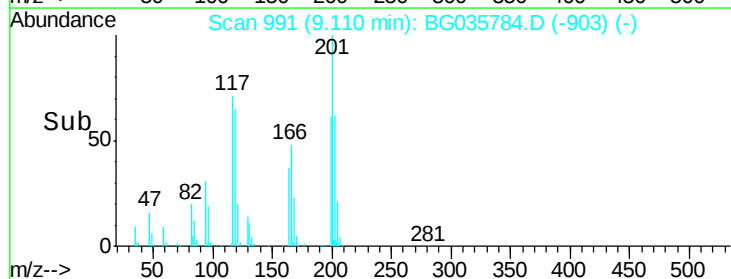
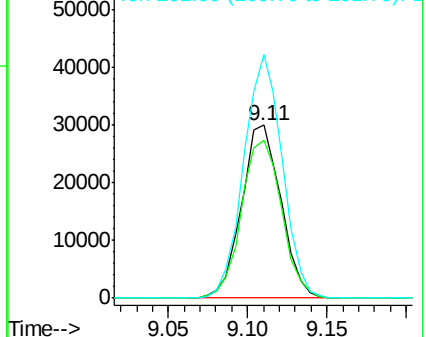
201 140.9 95.7 143.5

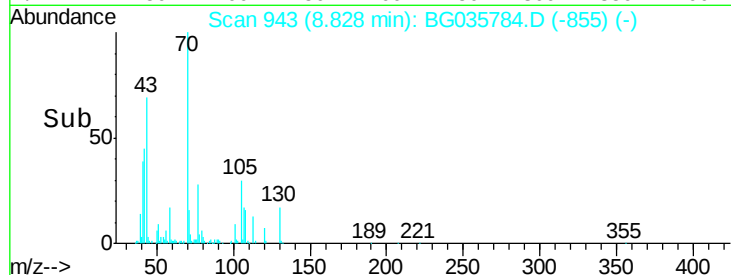
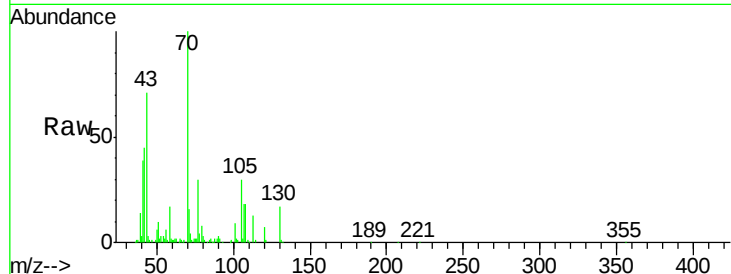
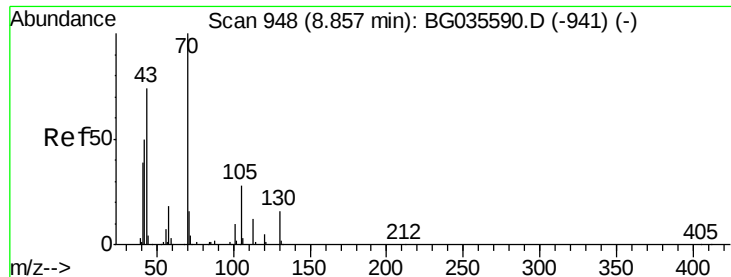


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

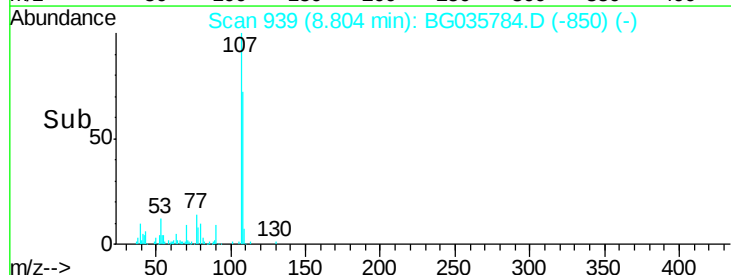
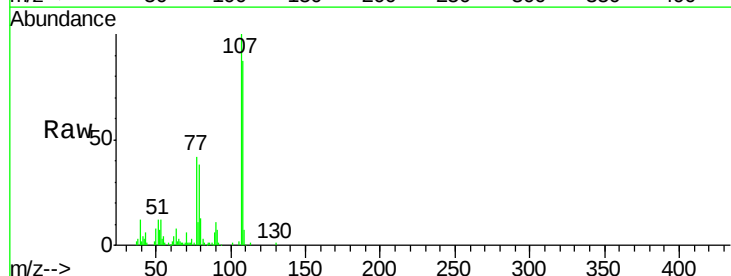
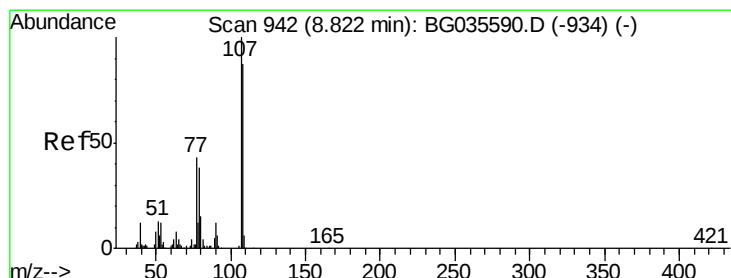
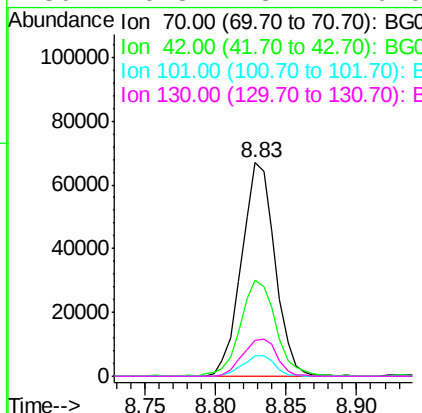




#19
n-Nitroso-di-n-propylamine
Concen: 31.912 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

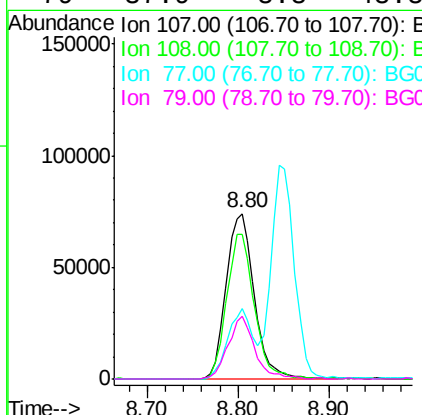
Instrument :
BNA_G
ClientSampleId :
PB111100BS

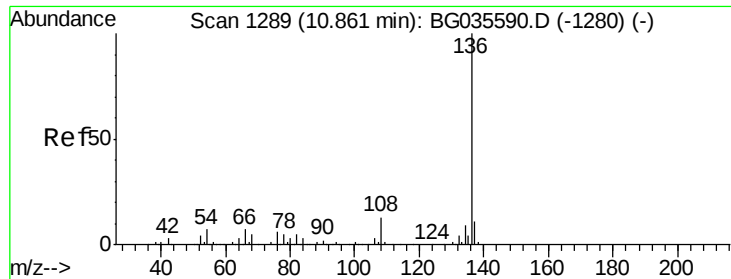
Tgt Ion:	70	Resp:	111137
Ion	Ratio	Lower	Upper
70	100		
42	45.1	49.1	73.7#
101	9.3	8.5	12.7
130	16.8	13.4	20.0



#20
3+4-Methylphenols
Concen: 40.663 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Tgt Ion:	107	Resp:	160252
Ion	Ratio	Lower	Upper
107	100		
108	87.1	61.6	101.6
77	42.3	13.9	53.9
79	37.9	8.8	48.8

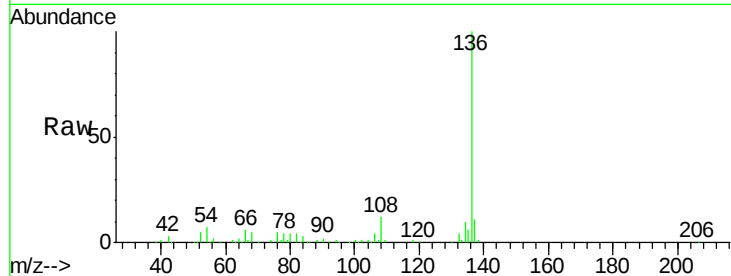




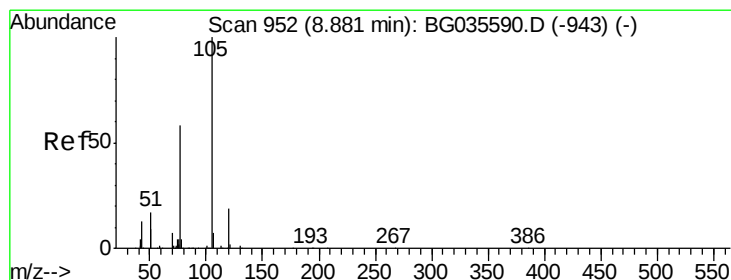
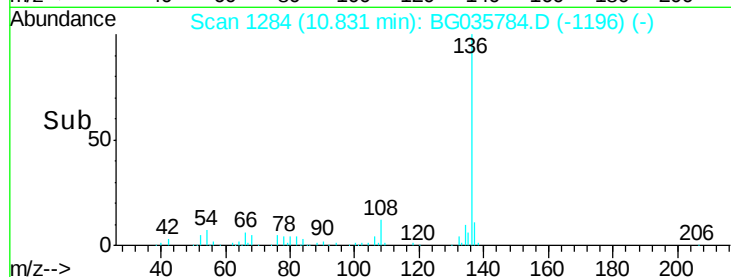
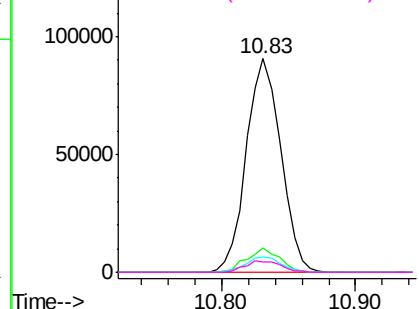
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Instrument :
BNA_G
ClientSampleId :
PB111100BS

Tgt Ion:	136	Resp:	162048
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	7.1	10.3	15.5#
68	4.9	4.5	6.7

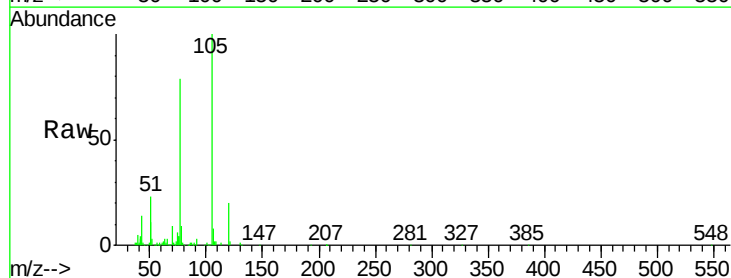


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

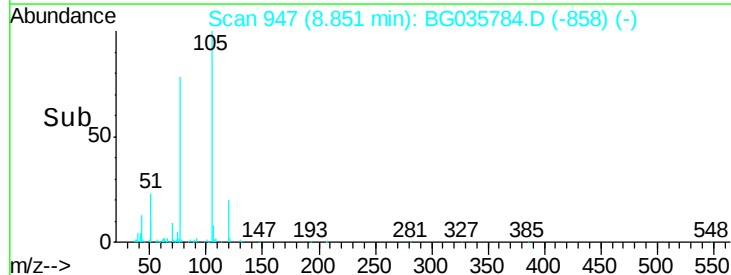
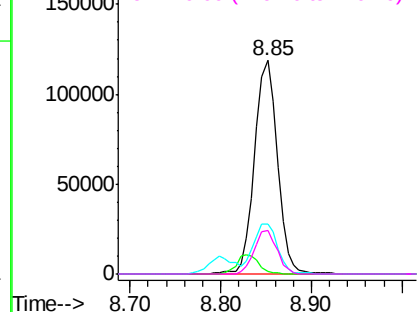


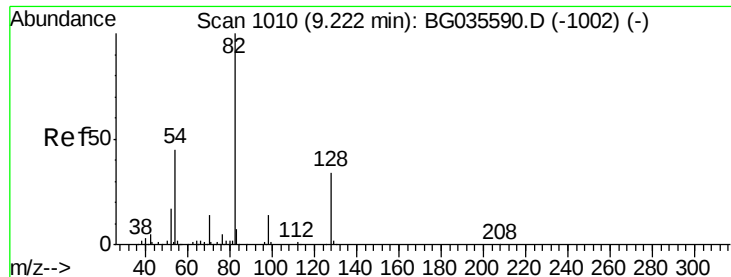
#22
Acetophenone
Concen: 41.415 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Tgt Ion:	105	Resp:	208702
Ion	Ratio	Lower	Upper
105	100		
71	1.3	3.0	4.4#
51	23.2	26.1	39.1#
120	20.4	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

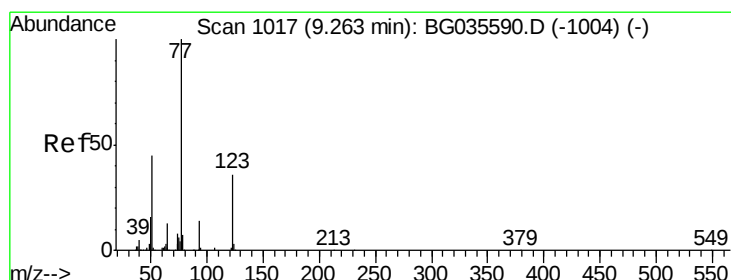
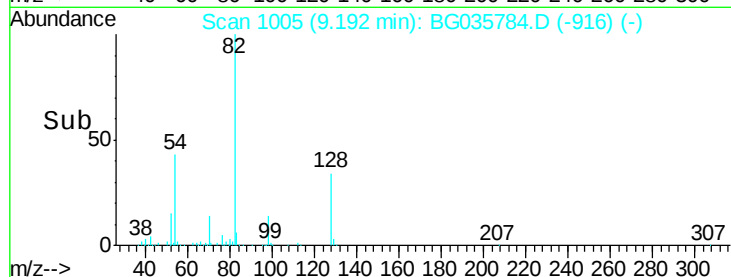
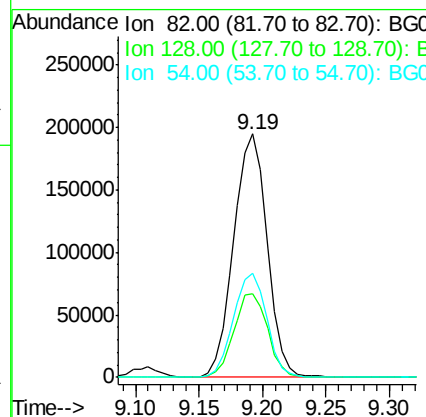
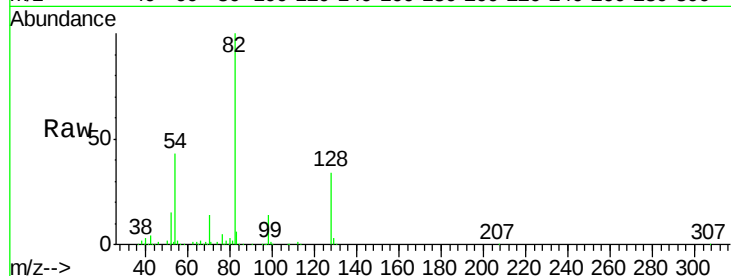




#23
 Nitrobenzene-d5
 Concen: 91.622 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

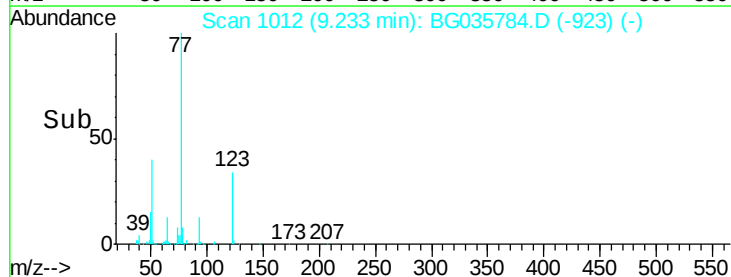
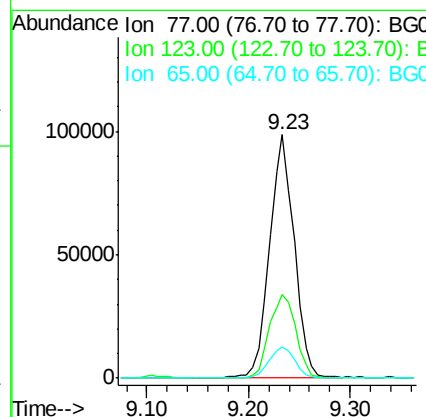
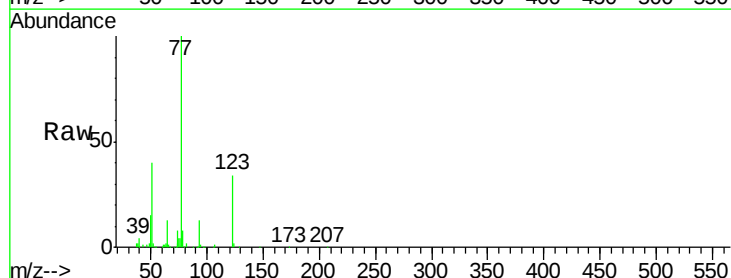
Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

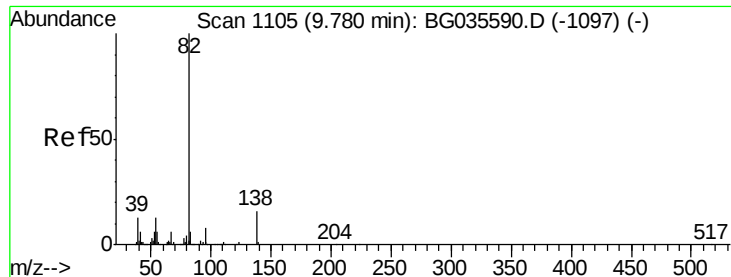
Tgt Ion: 82 Resp: 355411
 Ion Ratio Lower Upper
 82 100
 128 34.3 29.7 44.5
 54 42.7 43.1 64.7#



#24
 Nitrobenzene
 Concen: 42.831 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion: 77 Resp: 167091
 Ion Ratio Lower Upper
 77 100
 123 34.1 33.0 49.6
 65 12.5 13.0 19.6#





#25

Isophorone

Concen: 43.786 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Instrument :

BNA_G

ClientSampleId :

PB111100BS

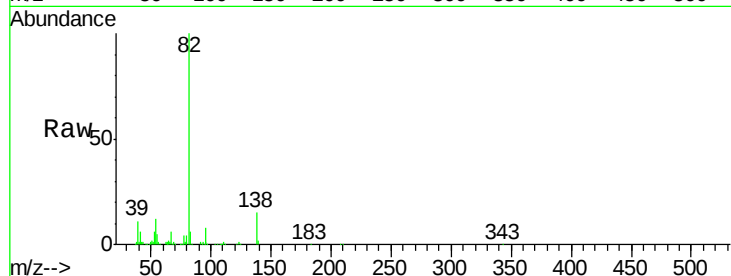
Tgt Ion: 82 Resp: 315300

Ion Ratio Lower Upper

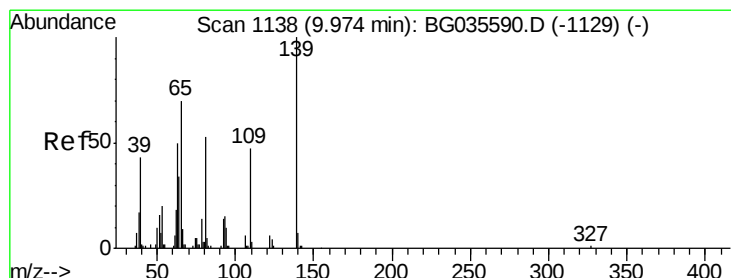
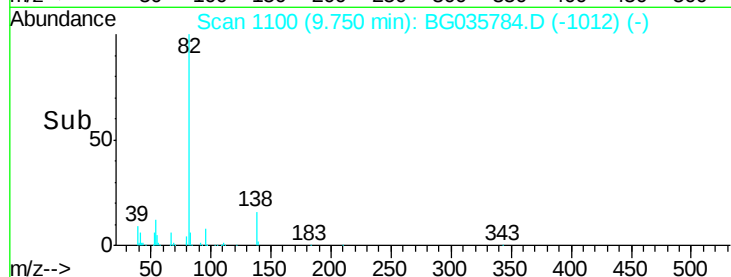
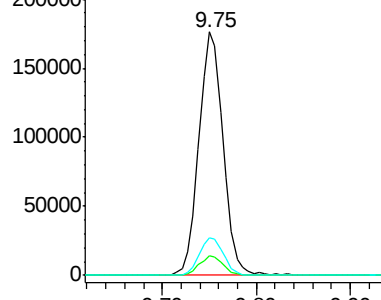
82 100

95 8.1 6.2 9.2

138 15.4 12.1 18.1



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



#26

2-Nitrophenol

Concen: 50.463 ng

RT: 9.94 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

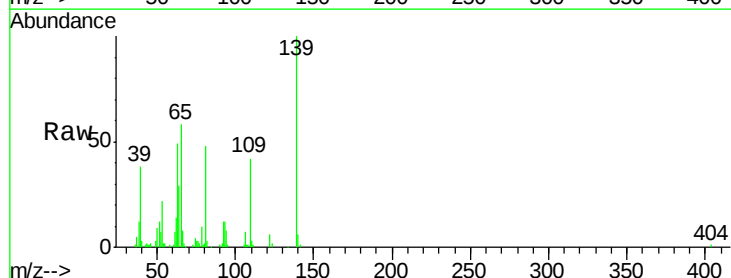
Tgt Ion: 139 Resp: 69917

Ion Ratio Lower Upper

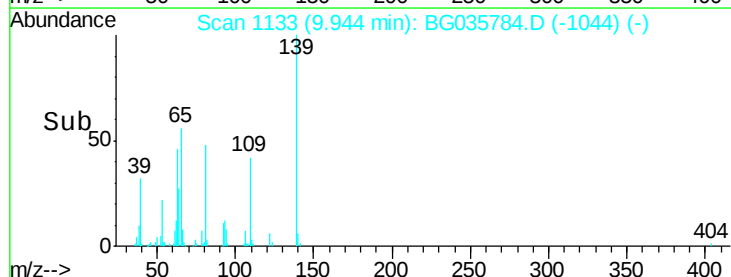
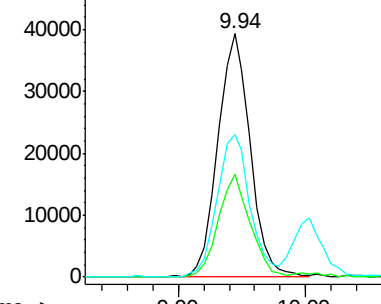
139 100

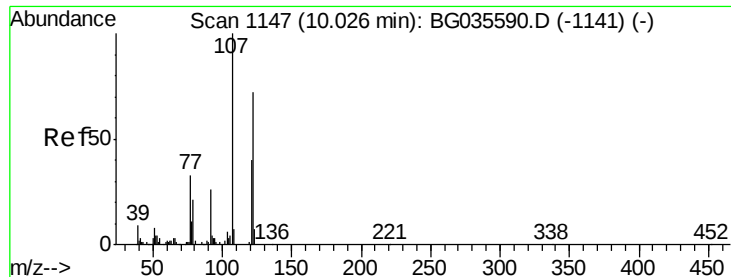
109 42.2 24.2 36.2#

65 58.3 47.4 71.0



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

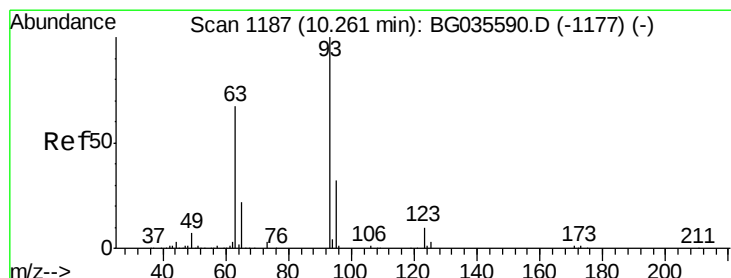
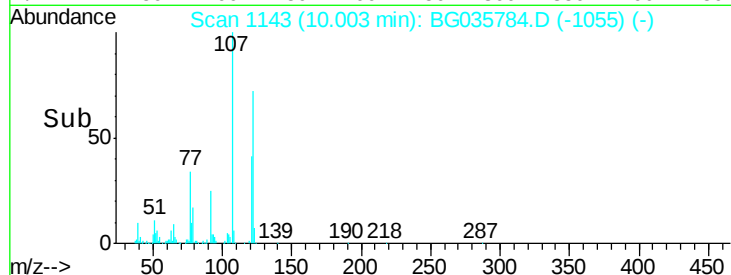
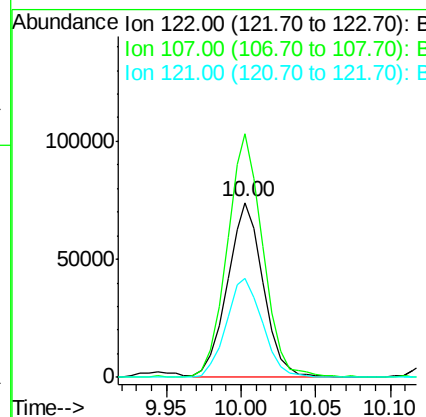
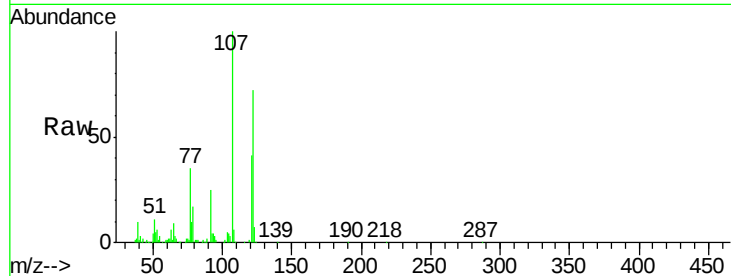




#27
2,4-Dimethylphenol
Concen: 52.548 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

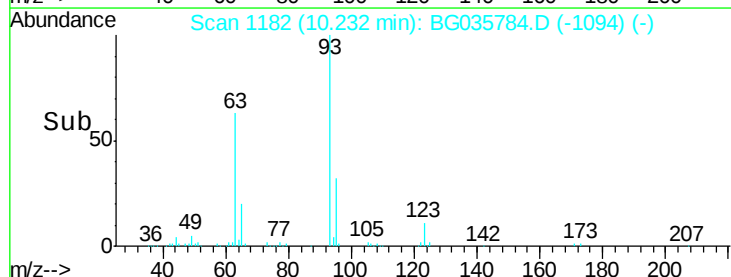
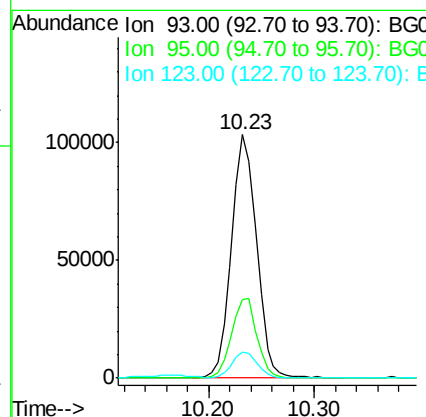
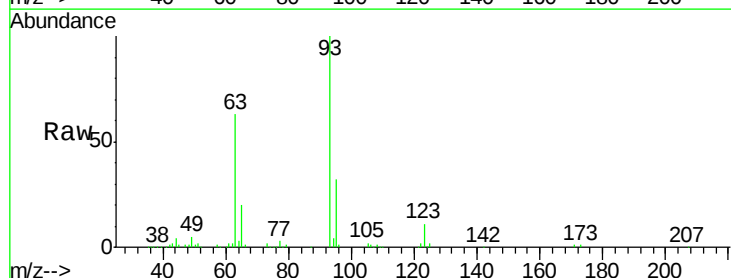
Instrument :
BNA_G
ClientSampleId :
PB111100BS

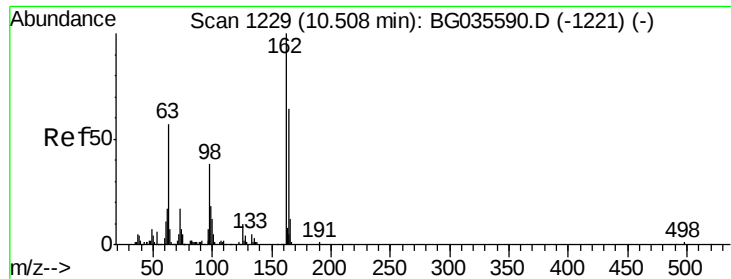
Tgt Ion	Ratio	Lower	Upper
122	100		
107	139.5	100.2	150.2
121	56.9	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.966 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.3	36.5
123	10.7	8.4	12.6

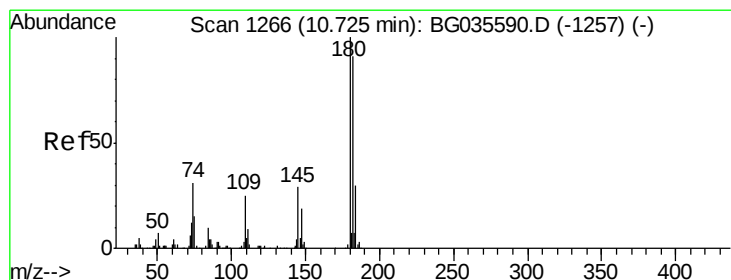
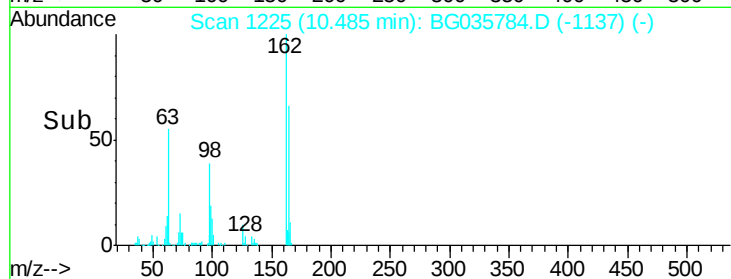
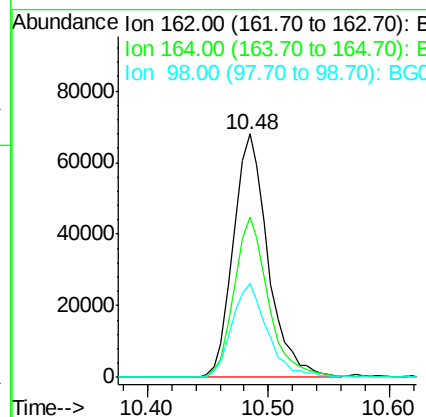
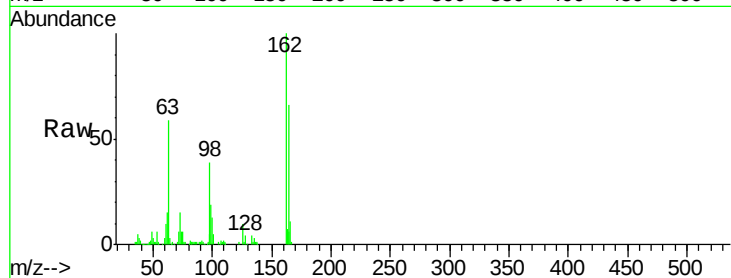




#29
 2,4-Dichlorophenol
 Concen: 50.812 ng
 RT: 10.48 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

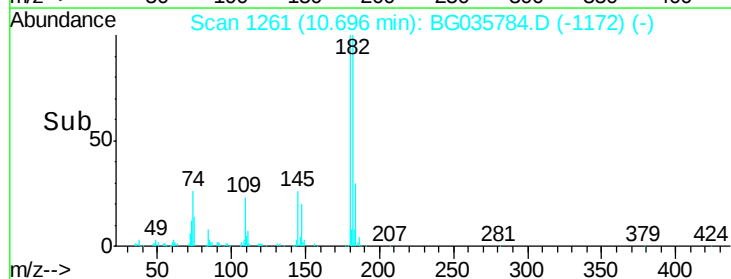
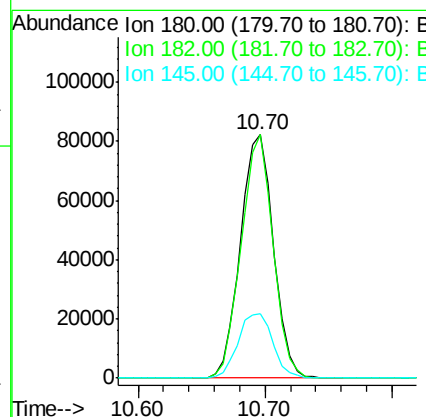
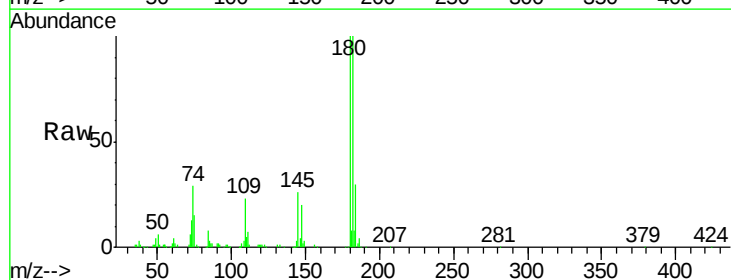
Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.0	48.0	88.0
98	38.6	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.077 ng
 RT: 10.70 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	77.5	116.3
145	26.3	23.4	35.2

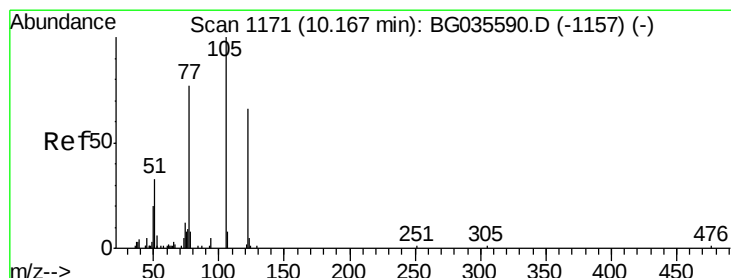
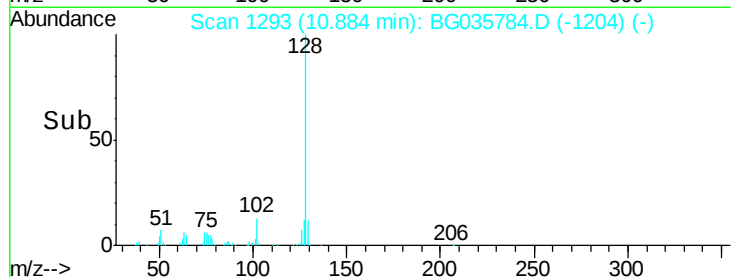
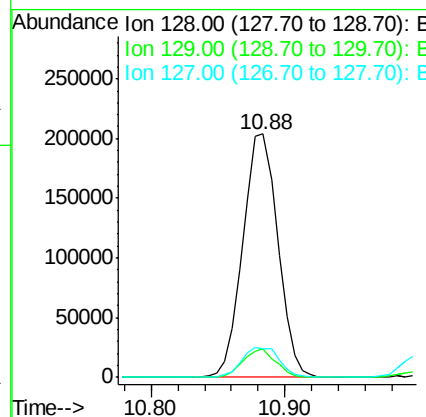
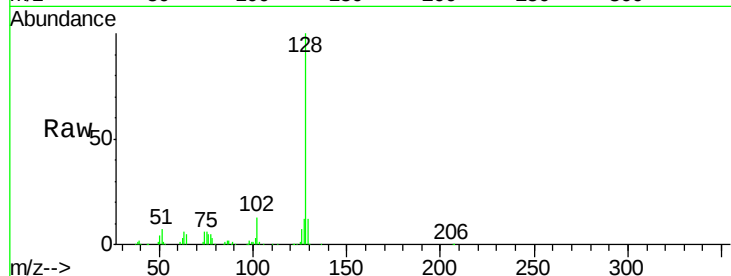




#31
Naphthalene
Concen: 43.917 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

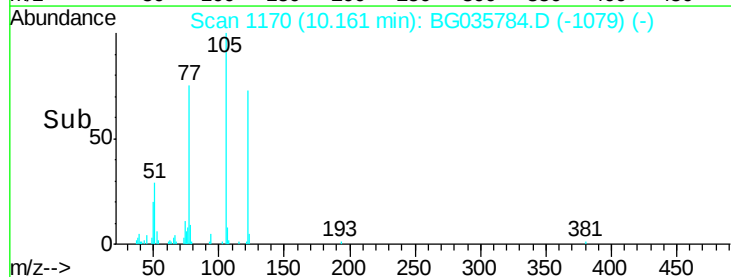
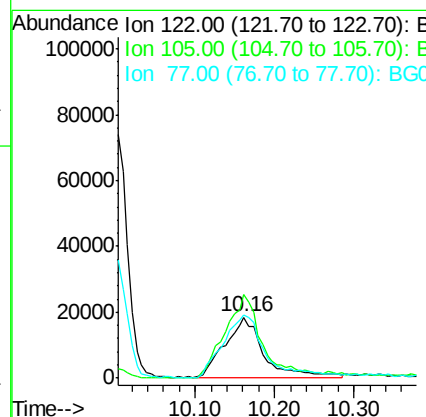
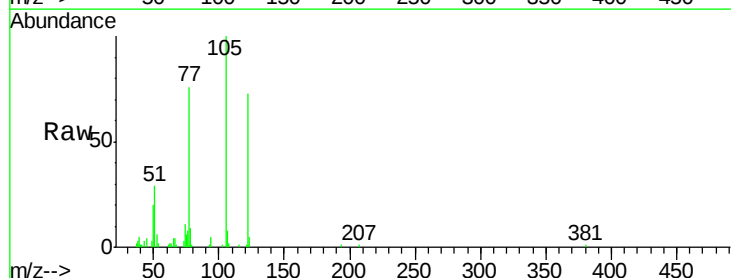
Instrument :
BNA_G
ClientSampleId :
PB111100BS

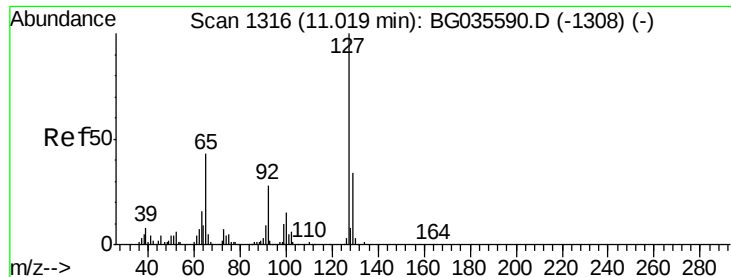
Tgt Ion:128 Resp: 370718
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 12.0 11.6 17.4



#32
Benzoic acid
Concen: 40.565 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Tgt Ion:122 Resp: 64045
Ion Ratio Lower Upper
122 100
105 137.1 123.5 163.5
77 104.3 85.7 125.7

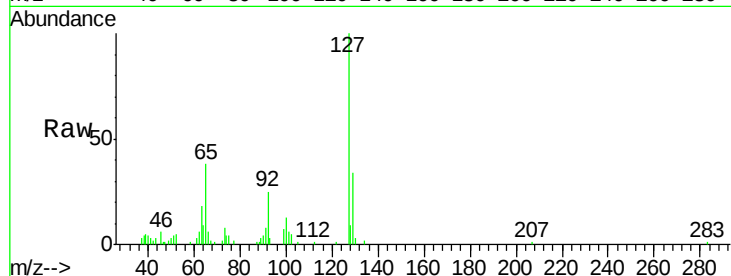




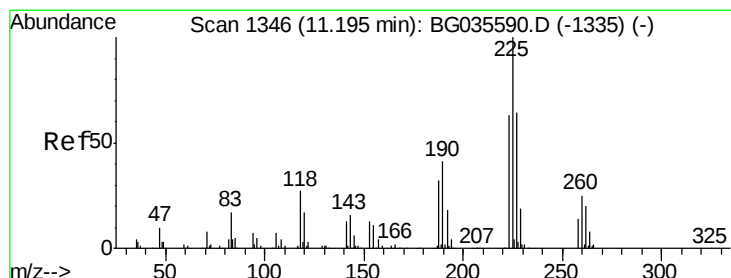
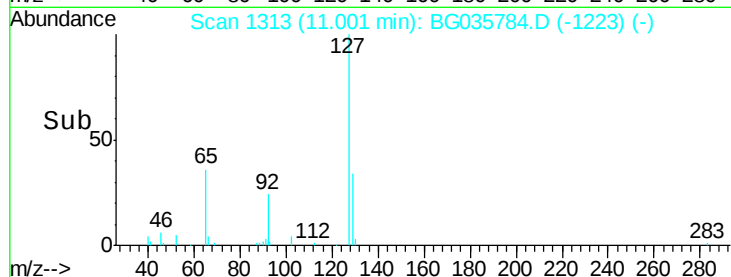
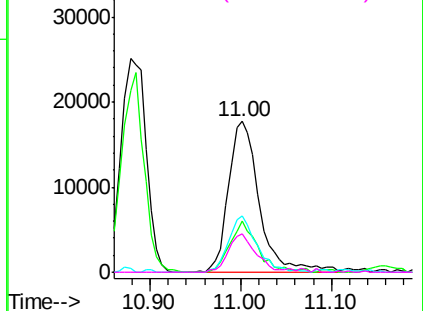
#33
4-Chloroaniline
Concen: 11.383 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Instrument :
BNA_G
ClientSampleId :
PB111100BS

Tgt Ion:127 Resp: 41879
Ion Ratio Lower Upper
127 100
129 34.3 24.0 36.0
65 37.6 27.0 40.4
92 25.2 16.6 25.0#

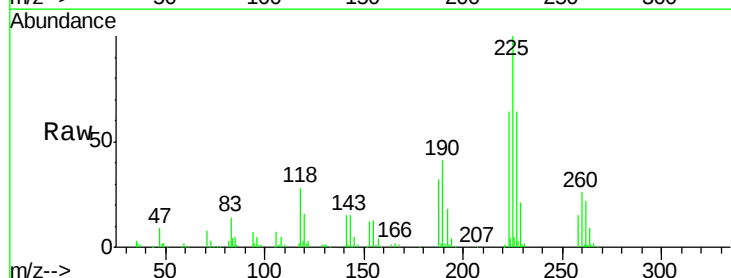


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

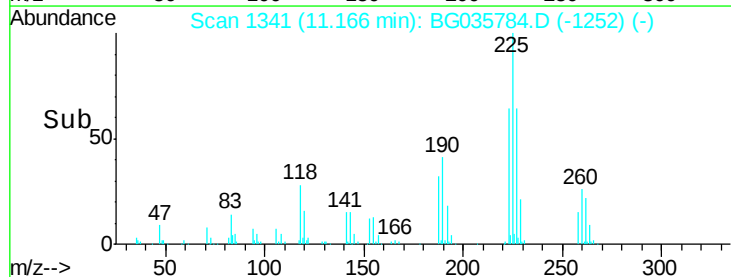
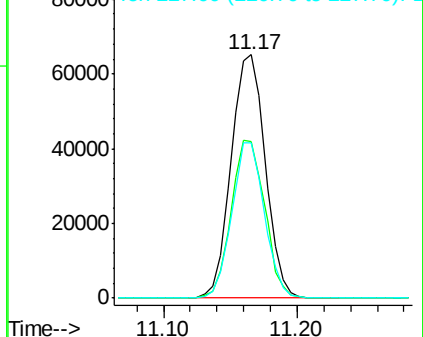


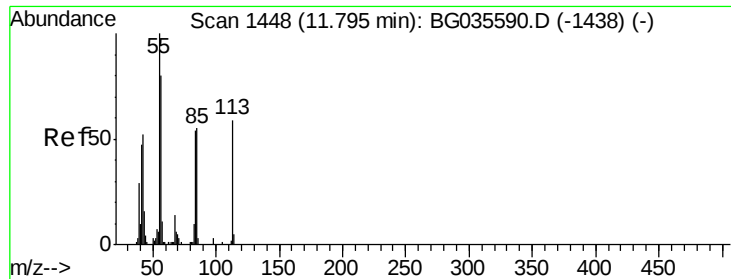
#34
Hexachlorobutadiene
Concen: 45.089 ng
RT: 11.17 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Tgt Ion:225 Resp: 115423
Ion Ratio Lower Upper
225 100
223 64.1 49.7 74.5
227 63.9 48.1 72.1



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





#35

Caprolactam

Concen: 21.732 ng

RT: 11.77 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Instrument :

BNA_G

ClientSampleId :

PB111100BS

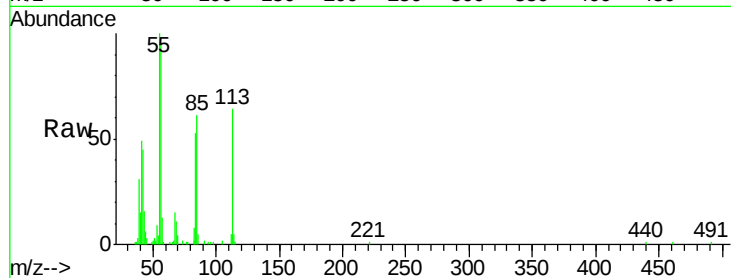
Tgt Ion:113 Resp: 24967

Ion Ratio Lower Upper

113 100

55 157.0 186.9 226.9#

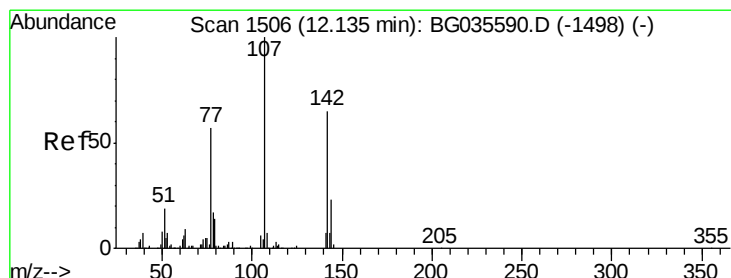
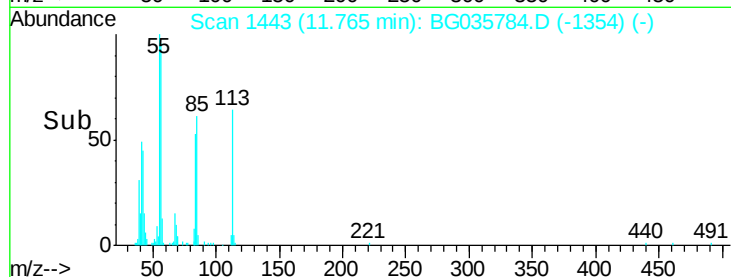
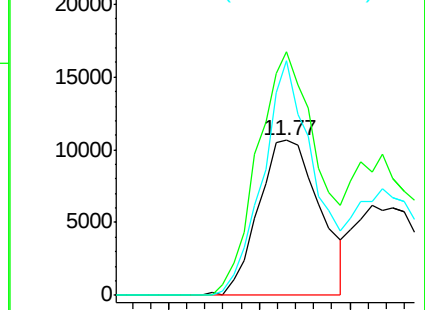
56 151.3 130.9 170.9



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: 45.865 ng

RT: 12.11 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

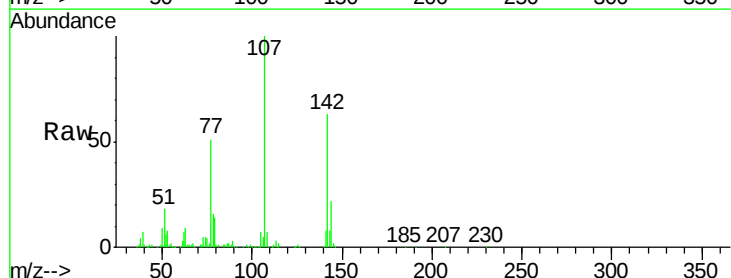
Tgt Ion:107 Resp: 164585

Ion Ratio Lower Upper

107 100

144 22.2 18.2 27.4

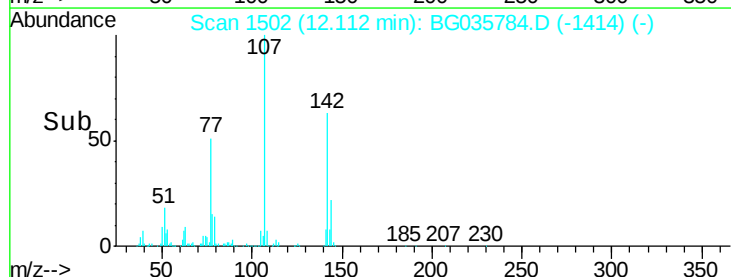
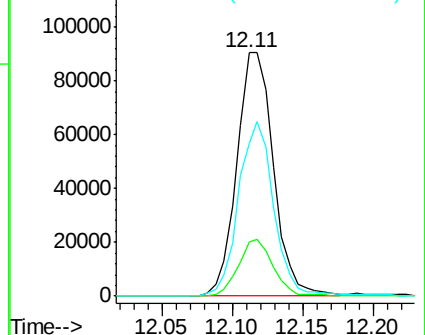
142 62.5 59.0 88.4

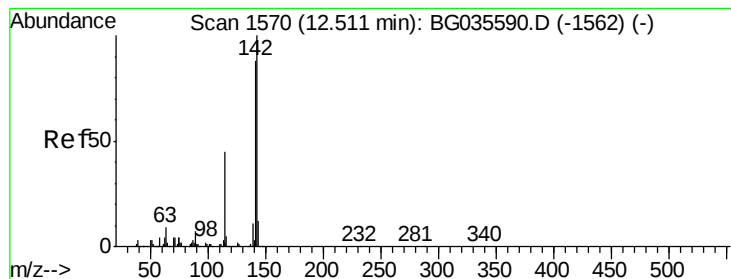


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.251 ng

RT: 12.48 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Instrument :

BNA_G

ClientSampleId :

PB111100BS

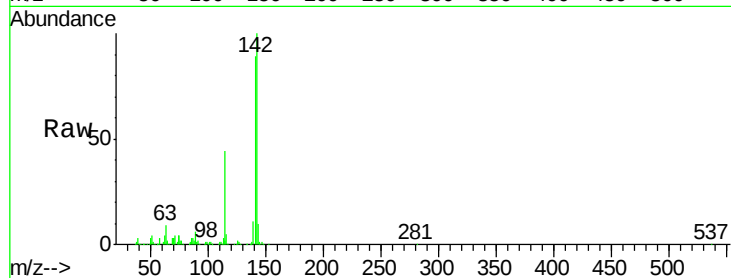
Tgt Ion:142 Resp: 284576

Ion Ratio Lower Upper

142 100

141 88.6 67.1 100.7

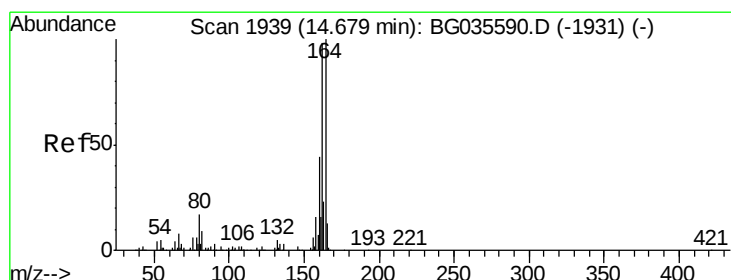
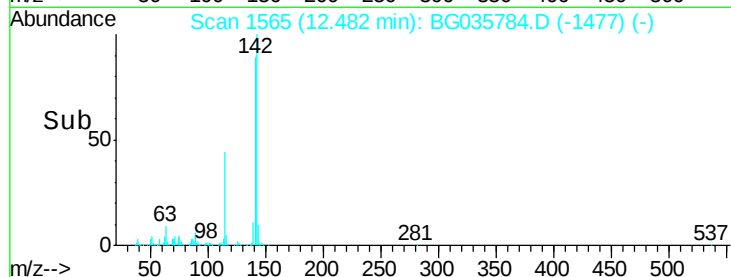
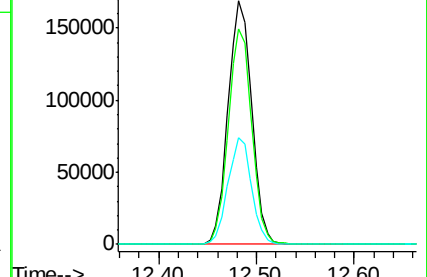
115 44.0 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

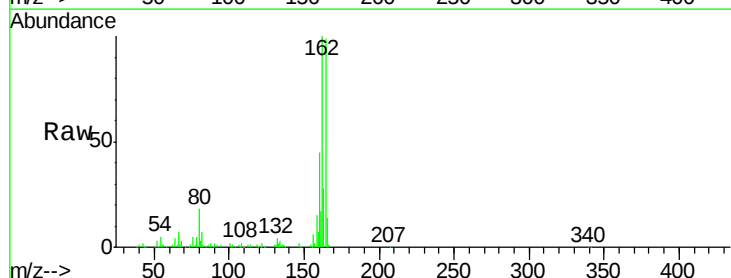
Tgt Ion:164 Resp: 113668

Ion Ratio Lower Upper

164 100

162 100.9 78.8 118.2

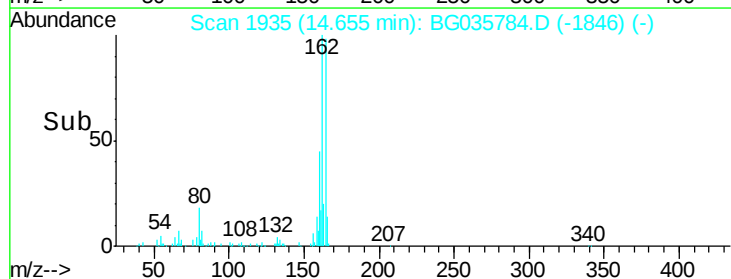
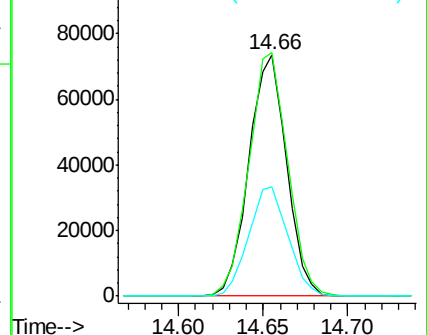
160 45.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

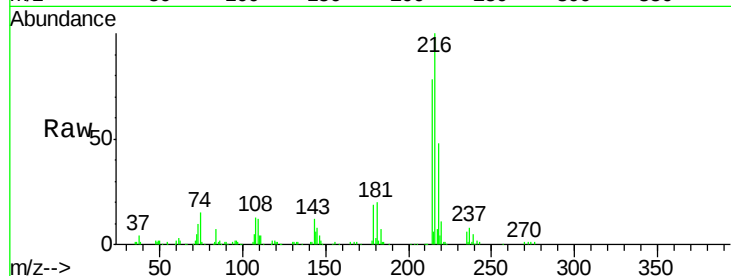




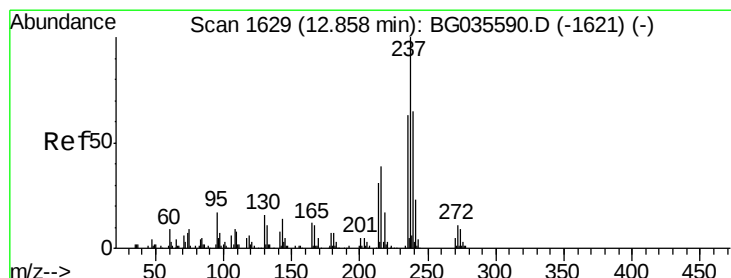
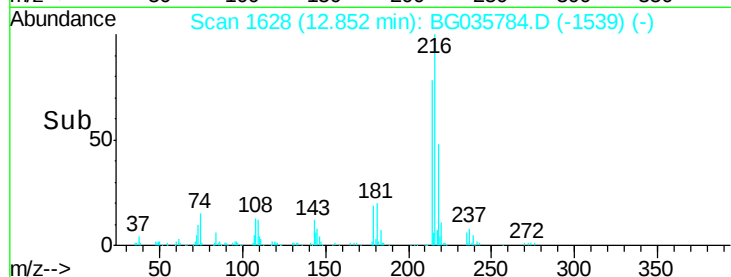
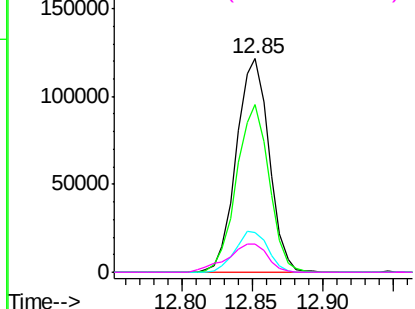
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.839 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

Tgt Ion:	216	Resp:	196658
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.4
179	19.4	17.0	25.6
108	16.6	12.8	19.2

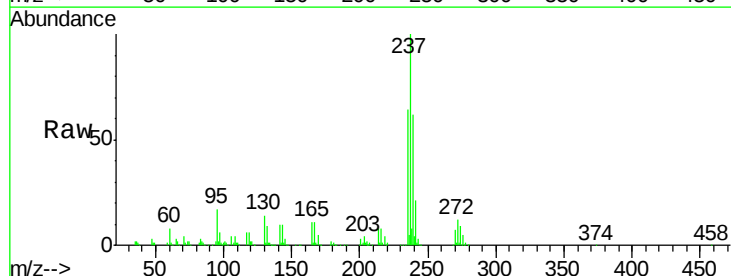


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

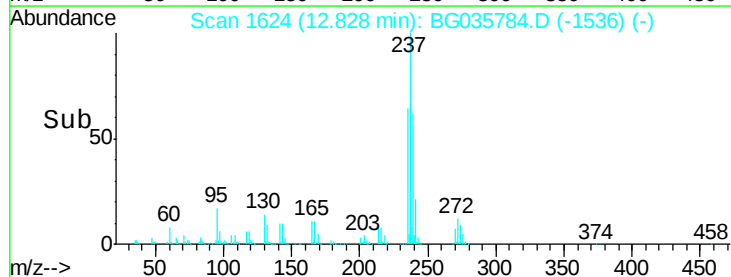
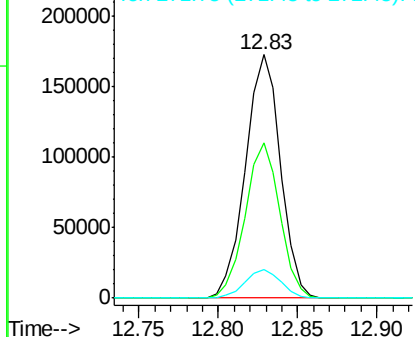


#40
 Hexachlorocyclopentadiene
 Concen: 117.382 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion:	237	Resp:	264108
Ion	Ratio	Lower	Upper
237	100		
235	64.0	50.4	90.4
272	11.6	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

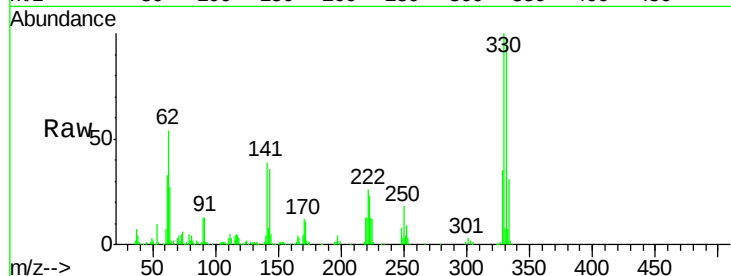




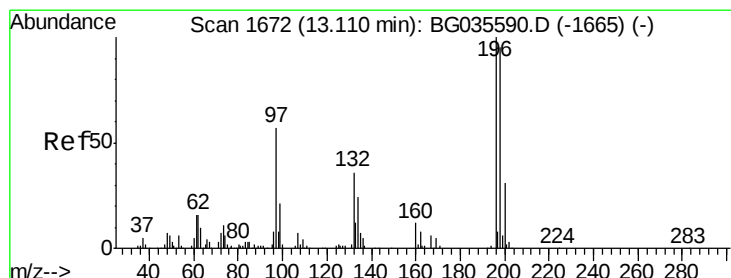
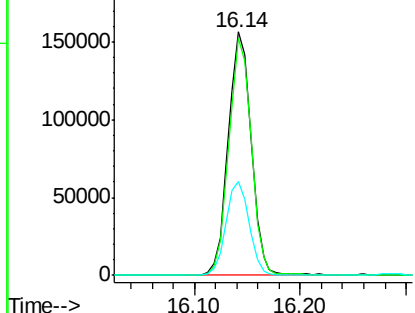
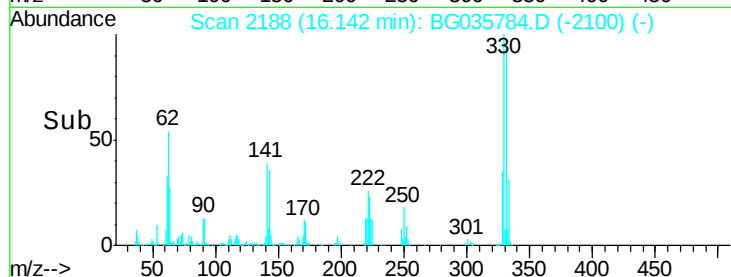
#41
 2,4,6-Tribromophenol
 Concen: 156.389 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	38.6	25.2	37.8#

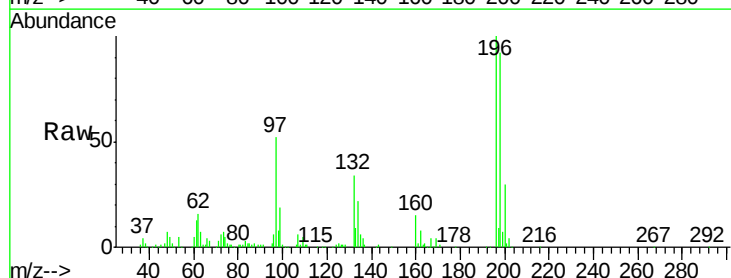


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

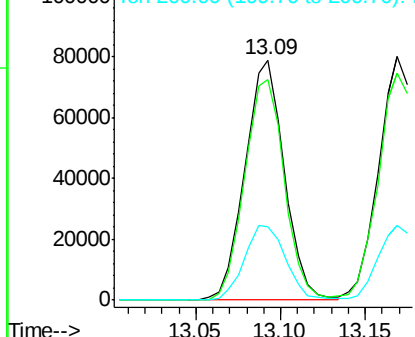
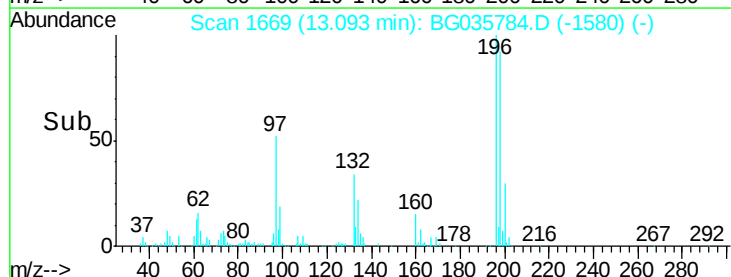


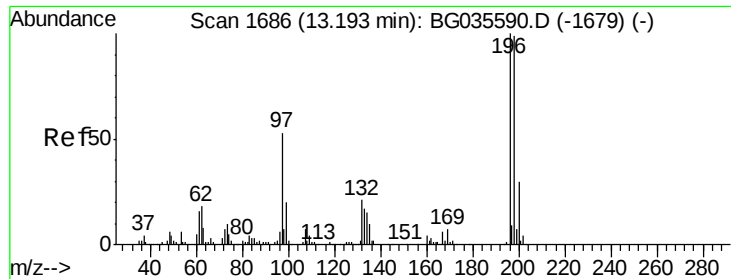
#42
 2,4,6-Trichlorophenol
 Concen: 51.089 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.6	78.2	117.2
200	30.3	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

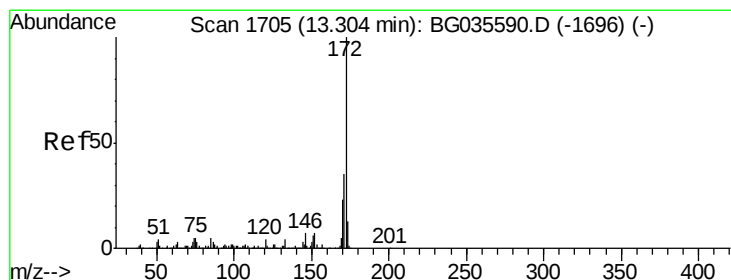
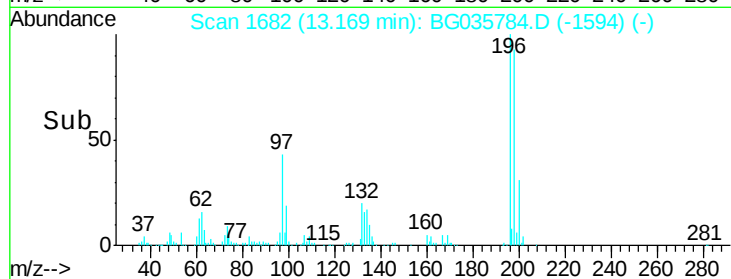
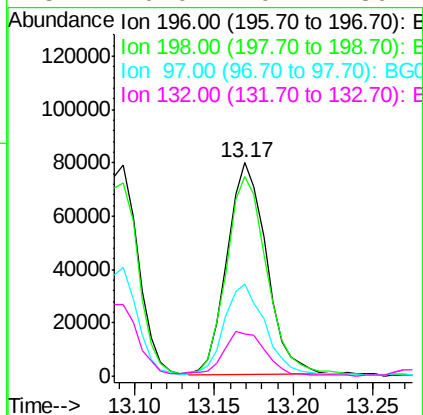
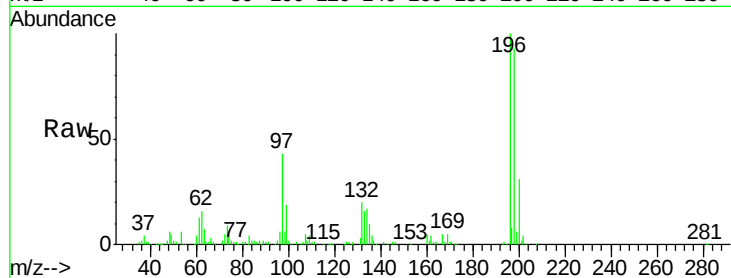




#43
 2,4,5-Trichlorophenol
 Concen: 48.976 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

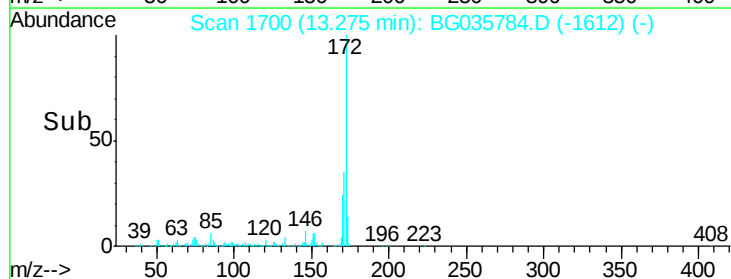
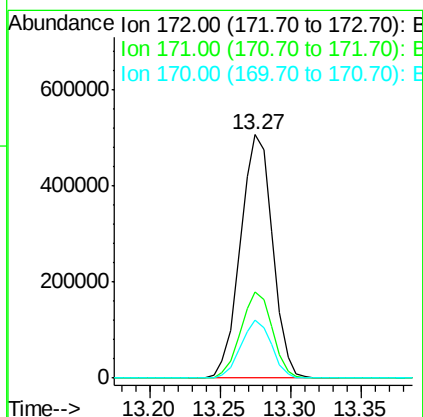
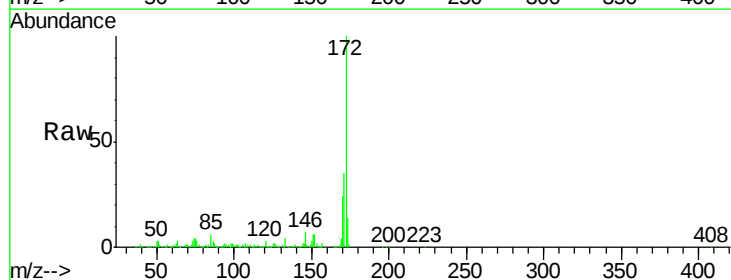
Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

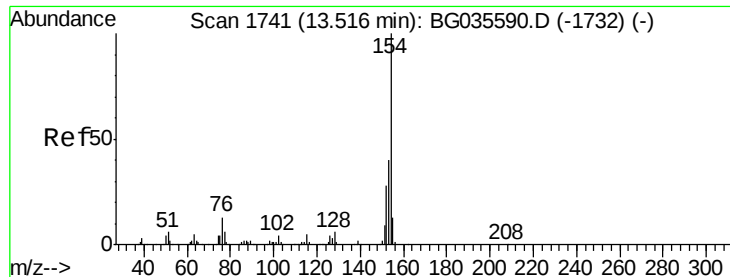
Tgt Ion:196 Resp: 137462
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.2 114.4
 97 43.1 38.7 58.1
 132 20.0 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 95.314 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion:172 Resp: 808678
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.0 45.0
 170 23.7 19.5 29.3

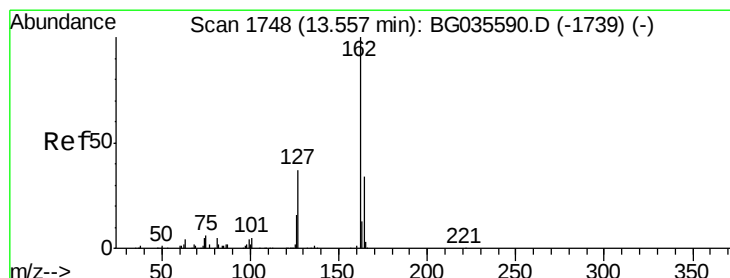
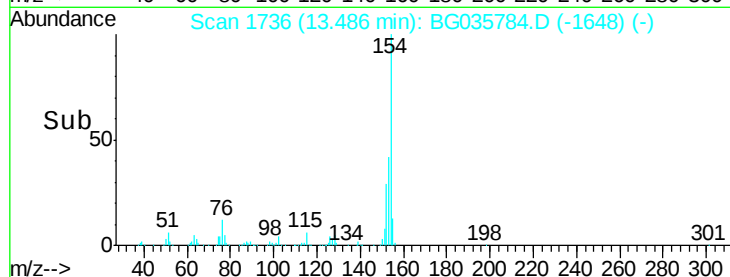
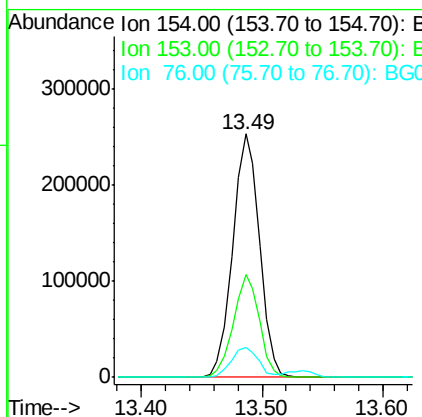
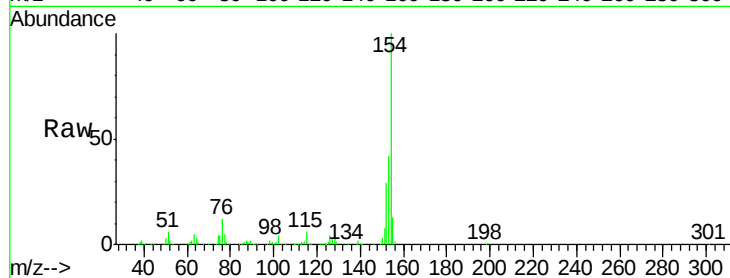




#45
 1,1'-Biphenyl
 Concen: 44.254 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

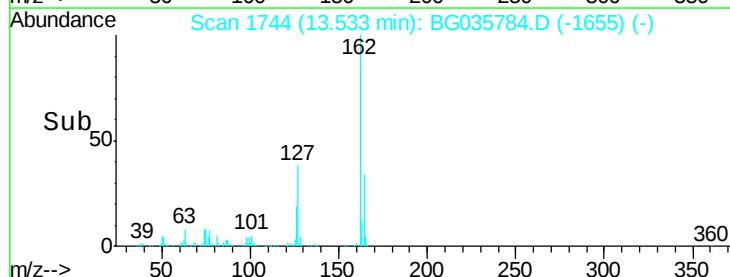
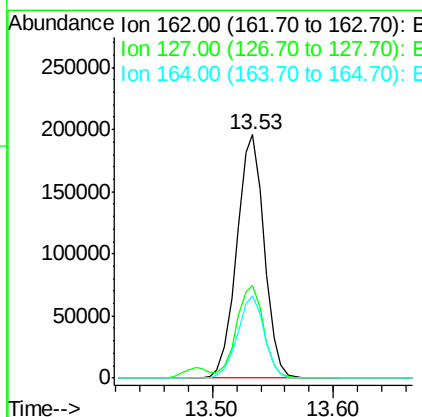
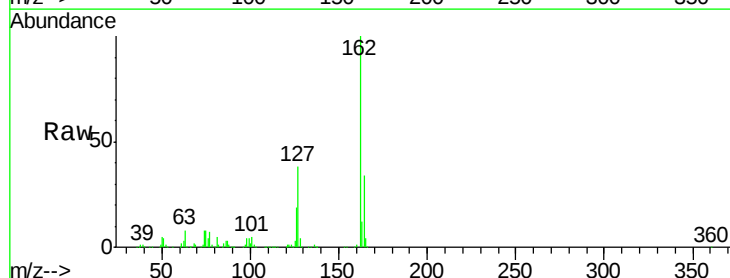
Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

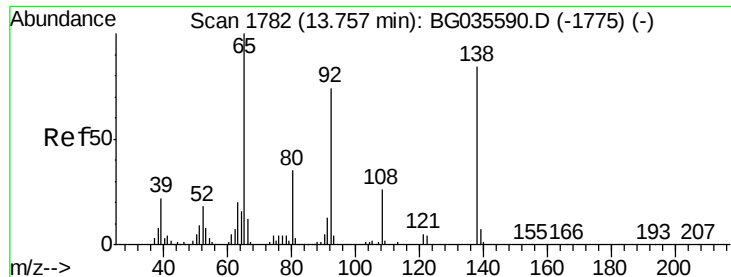
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	19.8	59.8
76	12.3	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 45.241 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.7	46.1
164	33.6	26.0	39.0





#47

2-Nitroaniline

Concen: 43.885 ng

RT: 13.73 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Instrument :

BNA_G

ClientSampleId :

PB111100BS

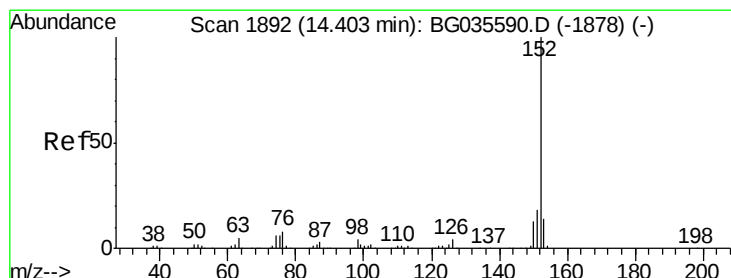
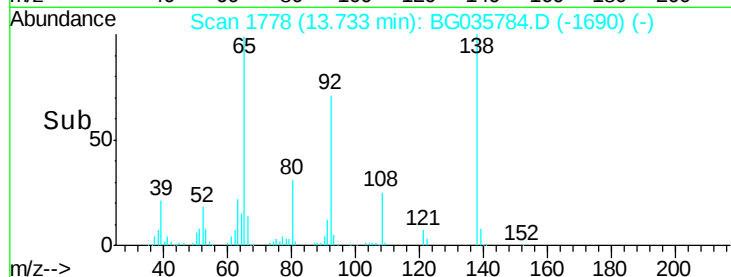
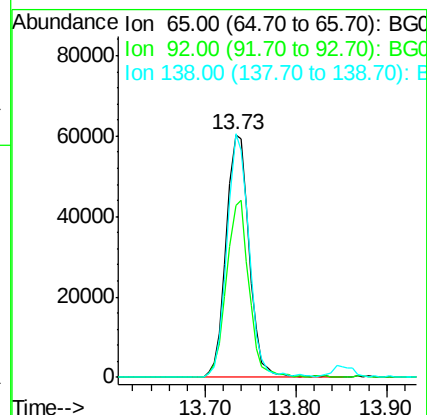
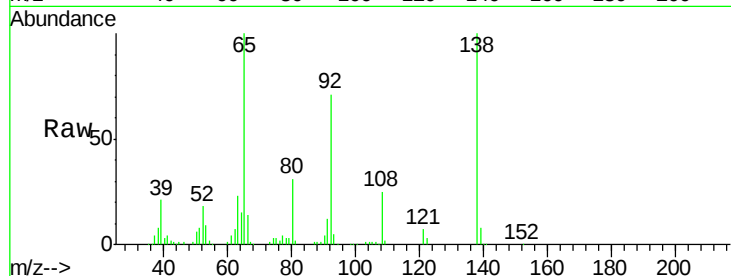
Tgt Ion: 65 Resp: 106352

Ion Ratio Lower Upper

65 100

92 70.9 54.6 82.0

138 100.5 72.9 109.3



#48

Acenaphthylene

Concen: 44.849 ng

RT: 14.37 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

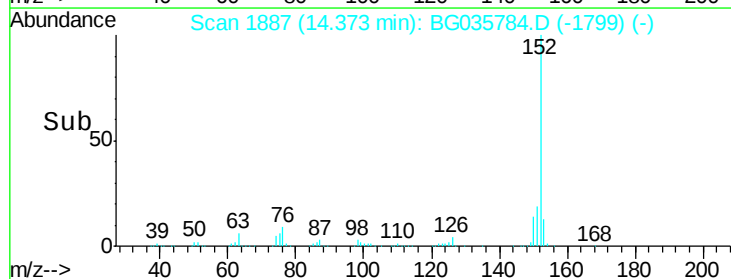
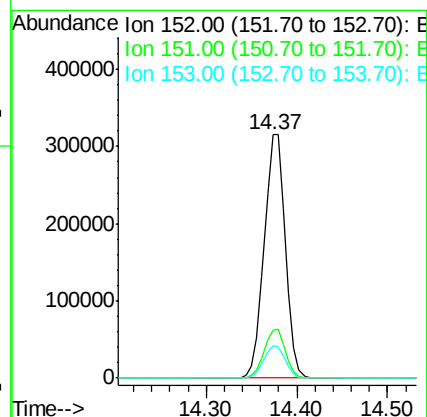
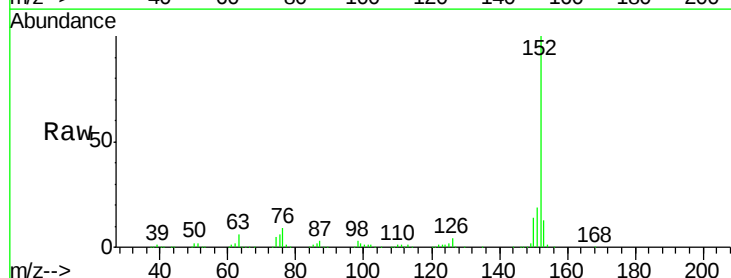
Tgt Ion: 152 Resp: 514984

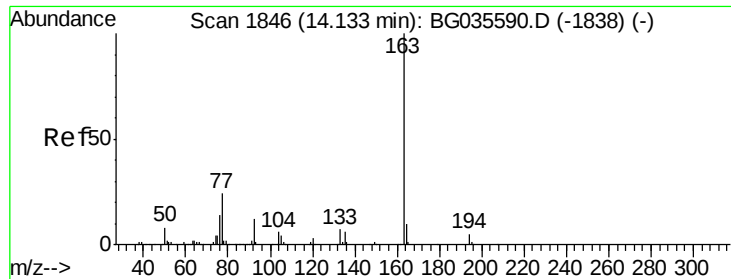
Ion Ratio Lower Upper

152 100

151 19.4 17.2 25.8

153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 43.382 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Instrument :

BNA_G

ClientSampleId :

PB111100BS

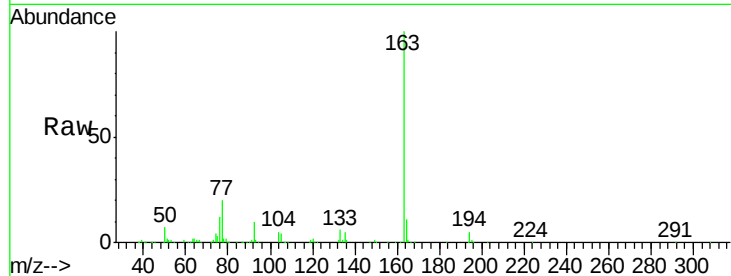
Tgt Ion:163 Resp: 432036

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

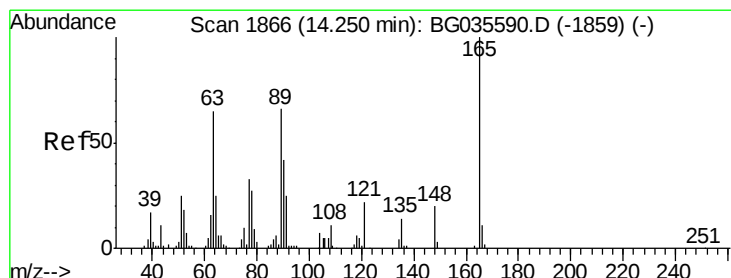
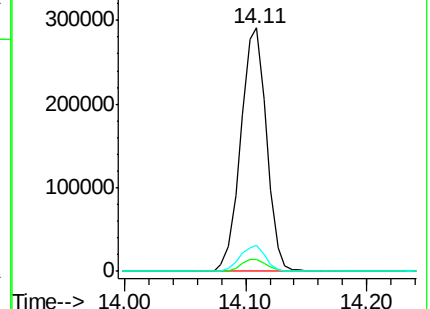
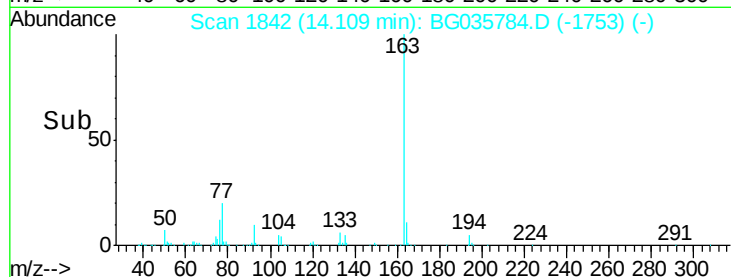
164 10.7 8.2 12.4



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: 49.413 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

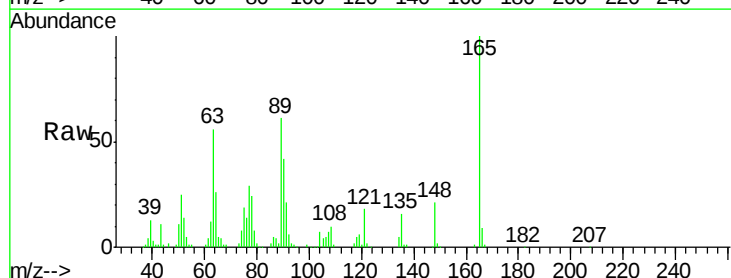
Tgt Ion:165 Resp: 100211

Ion Ratio Lower Upper

165 100

63 55.5 52.7 79.1

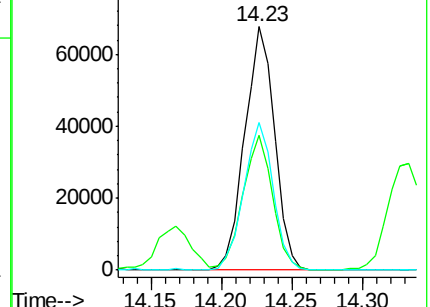
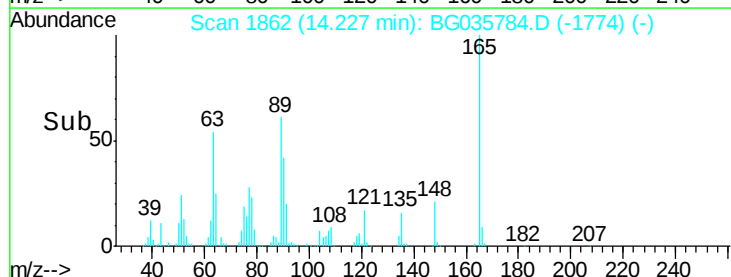
89 60.7 49.2 73.8

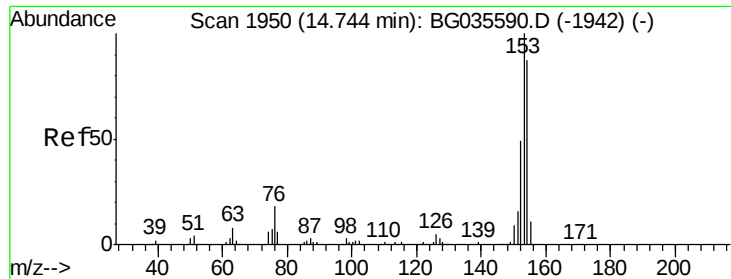


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.626 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Instrument :

BNA_G

ClientSampleId :

PB111100BS

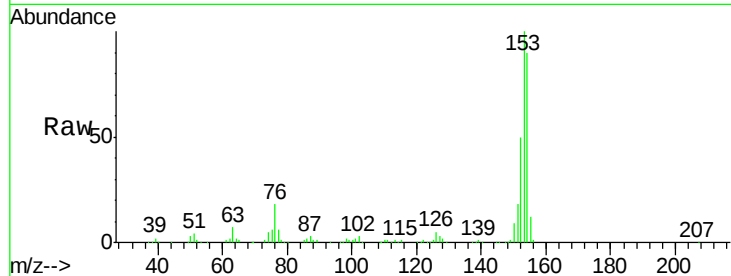
Tgt Ion:154 Resp: 297748

Ion Ratio Lower Upper

154 100

153 111.4 90.4 135.6

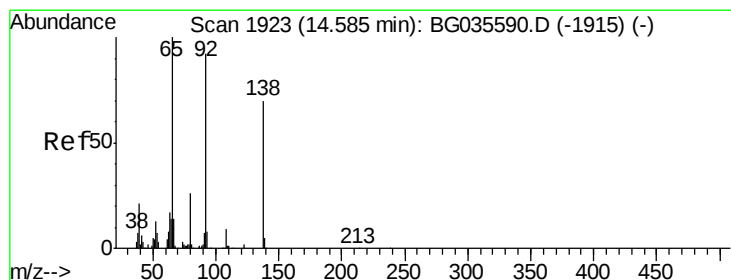
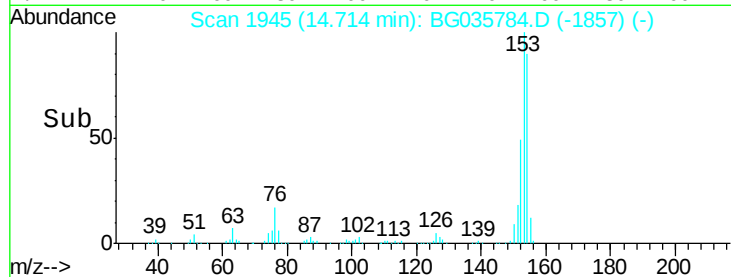
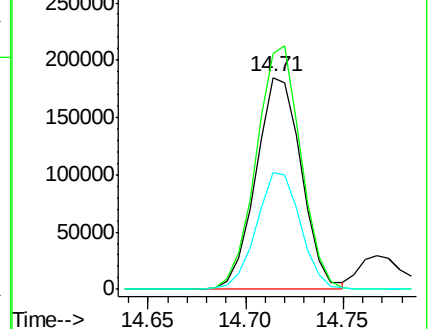
152 55.3 41.6 62.4



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: 16.892 ng

RT: 14.56 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

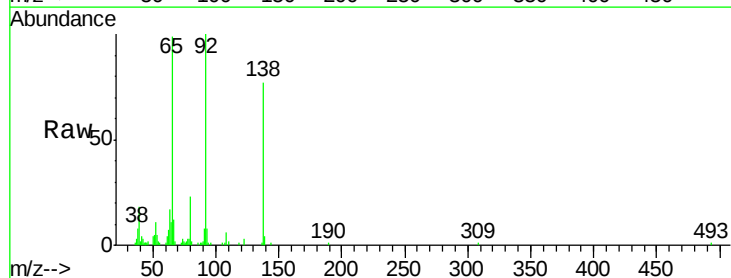
Tgt Ion:138 Resp: 35013

Ion Ratio Lower Upper

138 100

108 7.6 17.5 26.3#

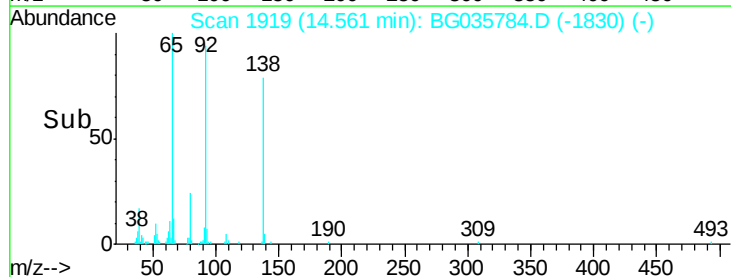
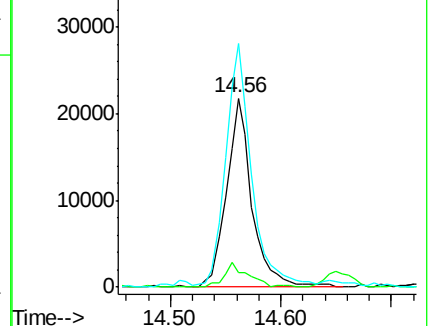
92 129.1 105.8 158.8

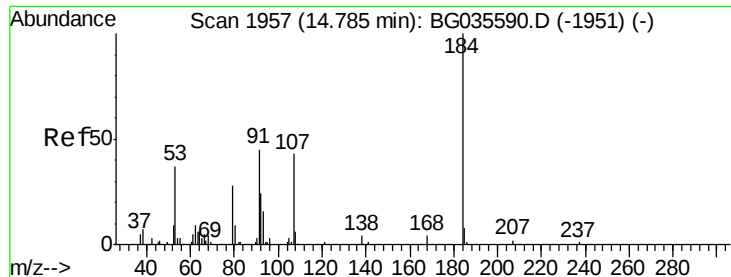


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

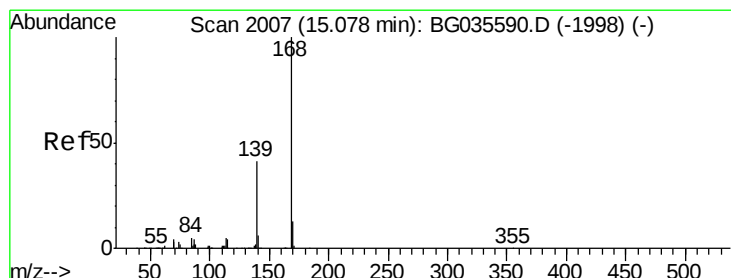
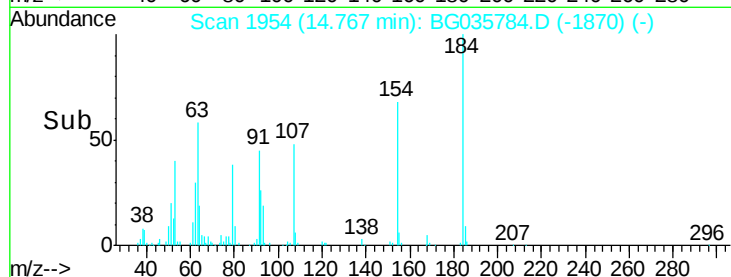
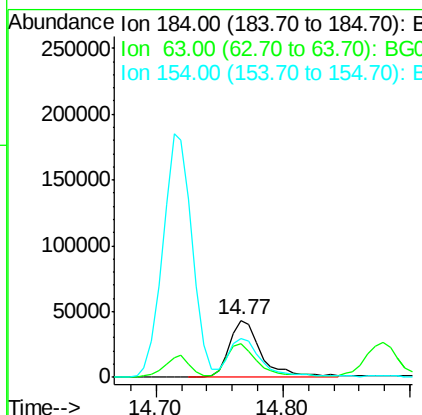
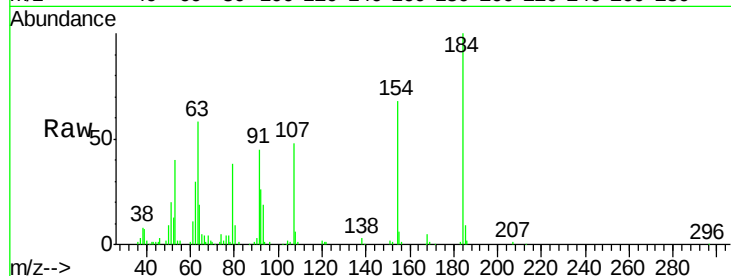




#53
2,4-Dinitrophenol
Concen: 72.705 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

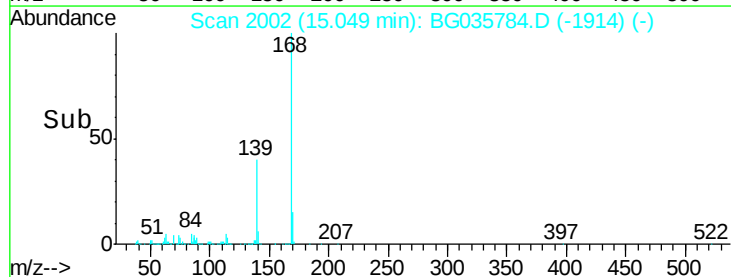
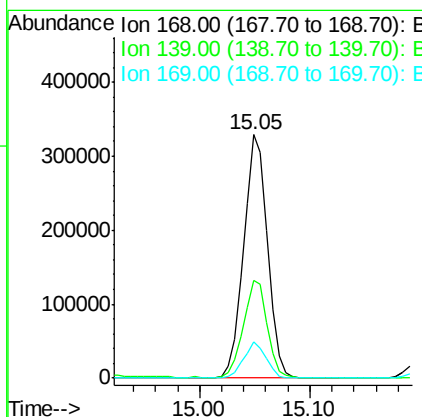
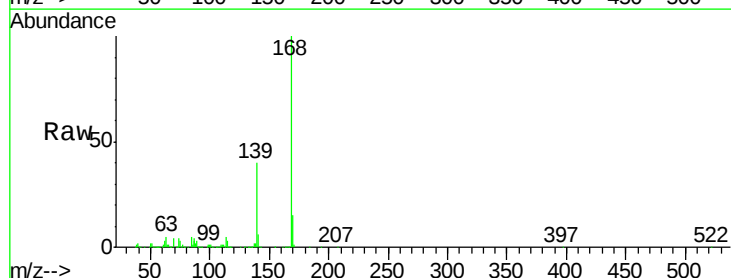
Instrument :
BNA_G
ClientSampleId :
PB111100BS

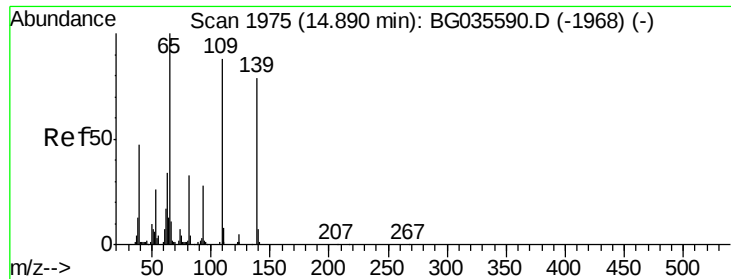
Tgt Ion:184 Resp: 75141
Ion Ratio Lower Upper
184 100
63 58.3 59.8 89.8#
154 67.7 101.8 152.8#



#54
Dibenzofuran
Concen: 43.755 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Tgt Ion:168 Resp: 497753
Ion Ratio Lower Upper
168 100
139 40.3 28.6 43.0
169 14.7 11.2 16.8

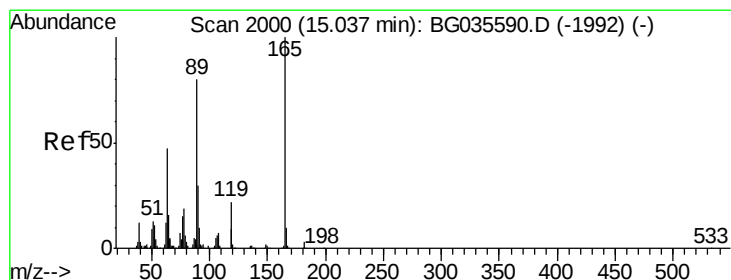
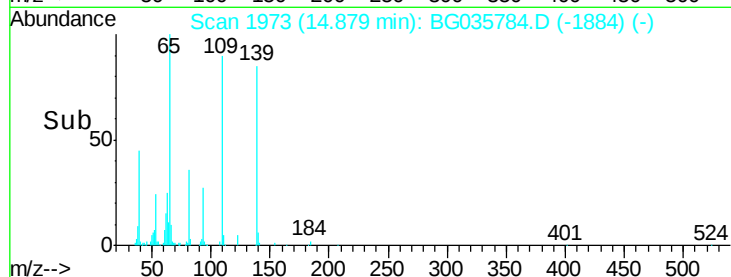
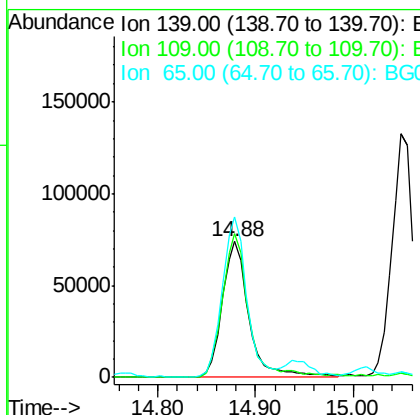
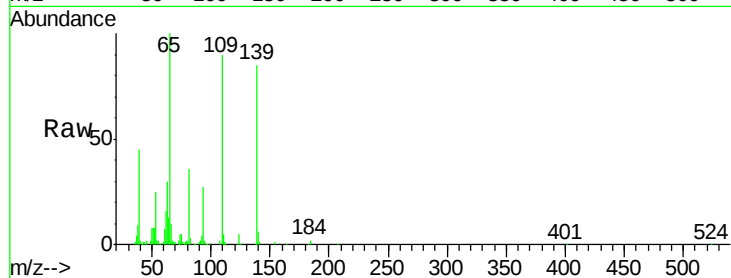




#55
4-Nitrophenol
Concen: 94.941 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

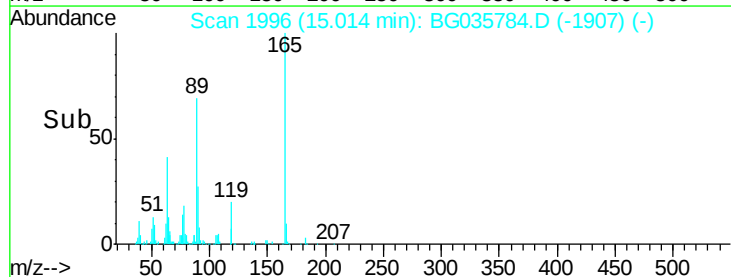
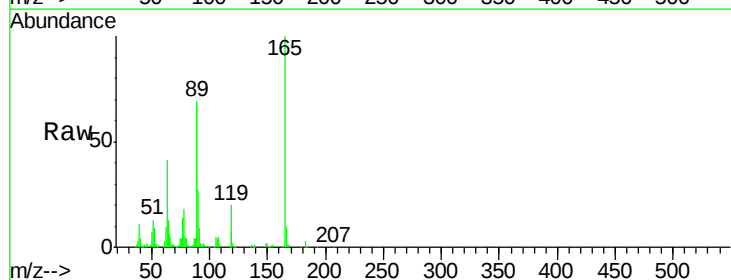
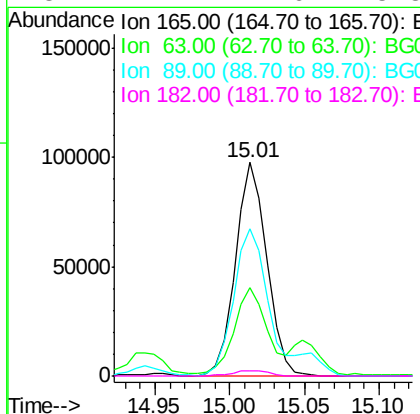
Instrument :
BNA_G
ClientSampleId :
PB111100BS

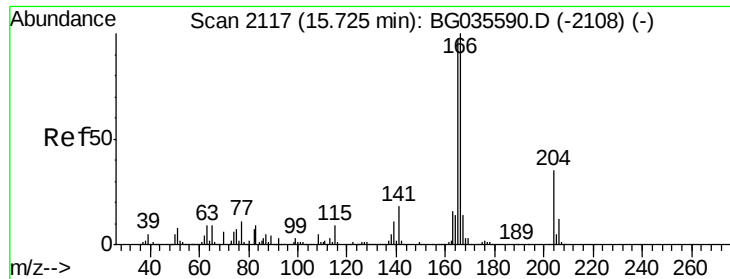
Tgt Ion:139 Resp: 140148
Ion Ratio Lower Upper
139 100
109 105.9 62.2 102.2#
65 118.0 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 49.013 ng
RT: 15.01 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Tgt Ion:165 Resp: 142603
Ion Ratio Lower Upper
165 100
63 41.5 42.0 63.0#
89 69.0 66.9 100.3
182 2.7 2.6 3.8

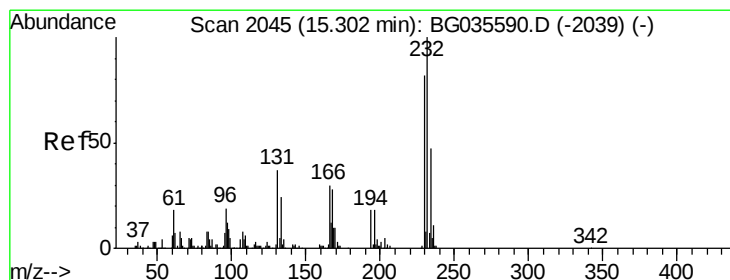
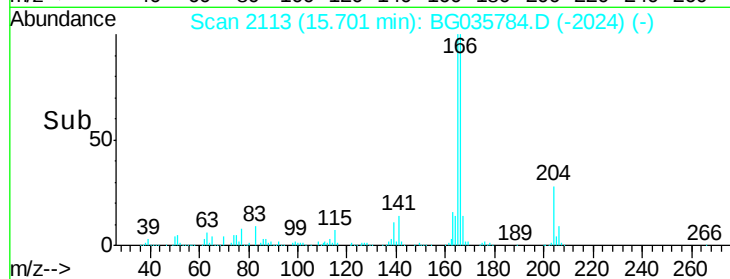
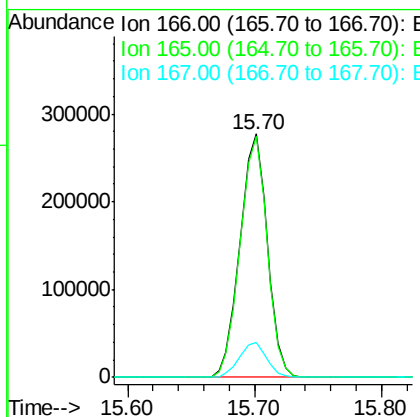
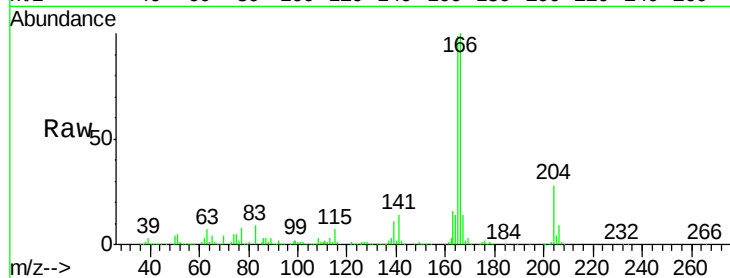




#57
Fluorene
 Concen: 43.522 ng
 RT: 15.70 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

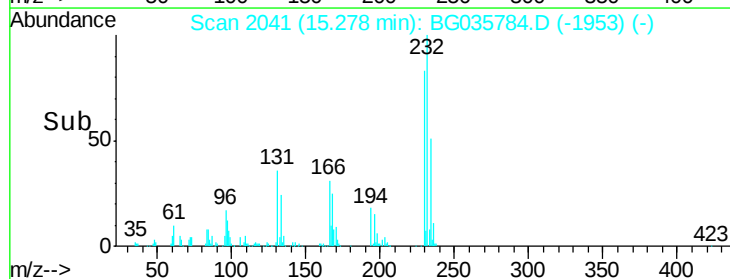
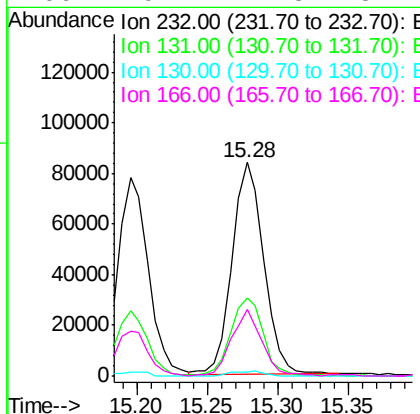
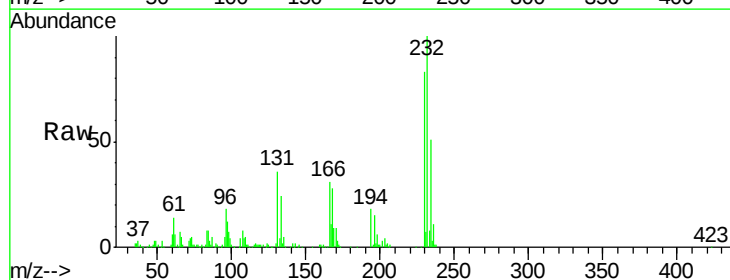
Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

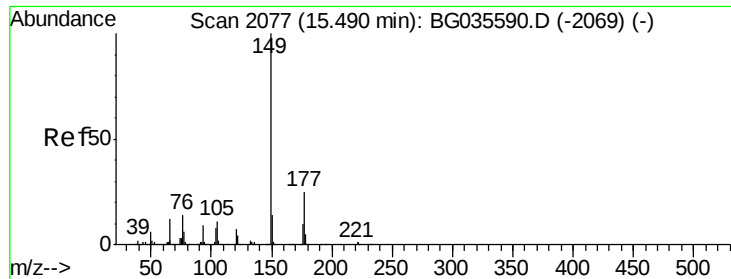
Tgt Ion:166 Resp: 414962
 Ion Ratio Lower Upper
 166 100
 165 99.1 80.6 121.0
 167 14.1 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.974 ng
 RT: 15.28 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion:232 Resp: 131794
 Ion Ratio Lower Upper
 232 100
 131 38.0 33.5 50.3
 130 2.3 2.2 3.2
 166 29.1 24.8 37.2

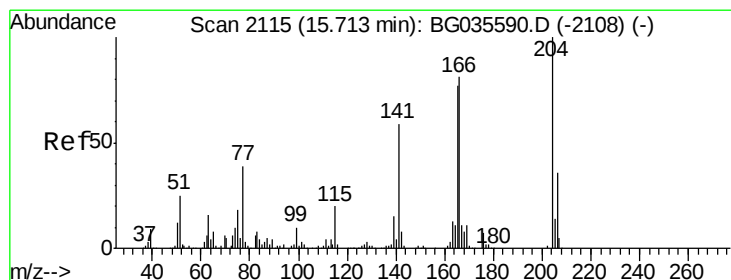
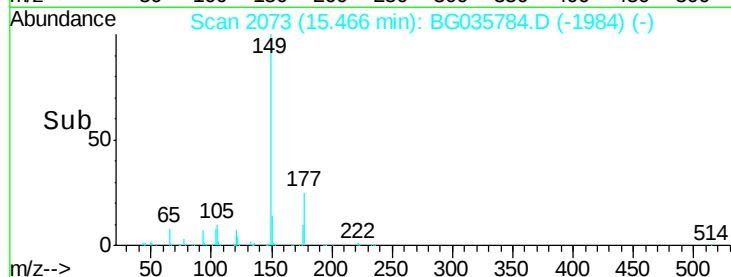
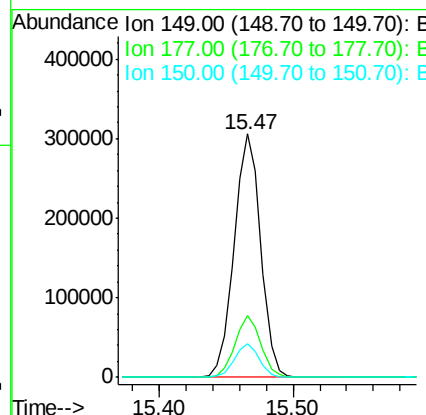
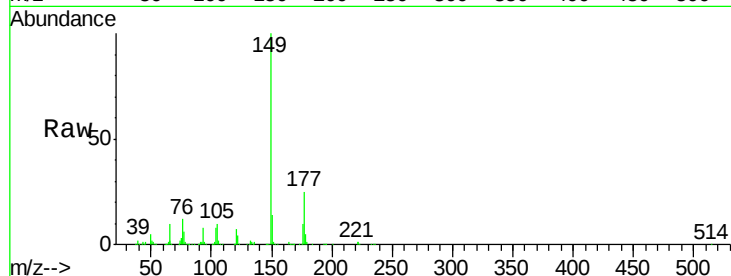




#59
Diethylphthalate
Concen: 41.386 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

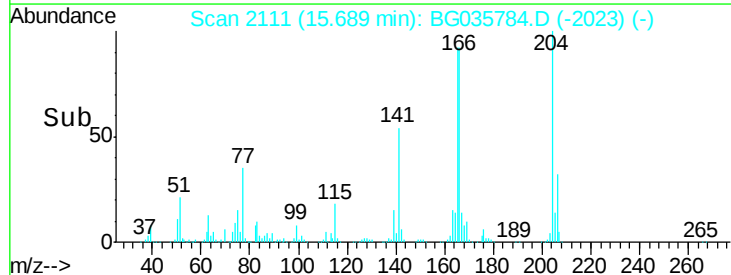
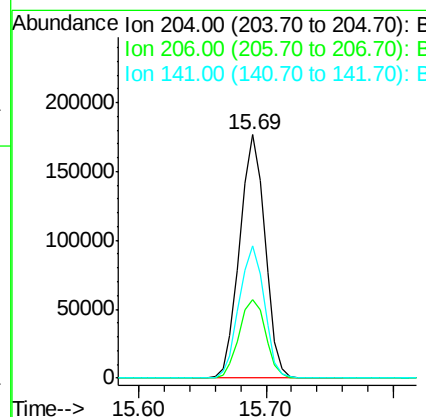
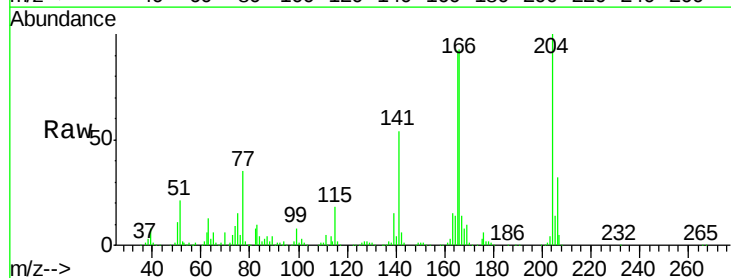
Instrument :
BNA_G
ClientSampleId :
PB111100BS

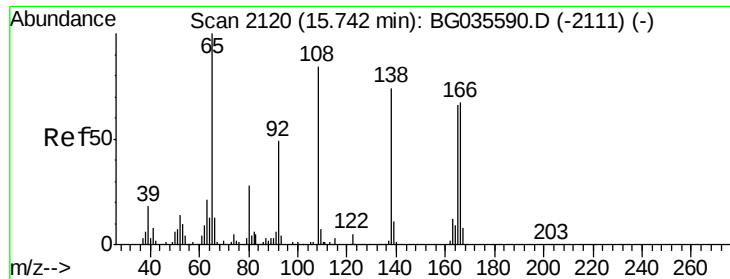
Tgt Ion:149 Resp: 423805
Ion Ratio Lower Upper
149 100
177 25.4 18.5 27.7
150 14.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.487 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Tgt Ion:204 Resp: 243700
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 54.1 45.8 68.6

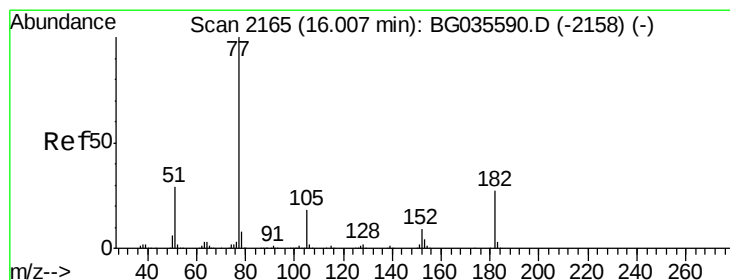
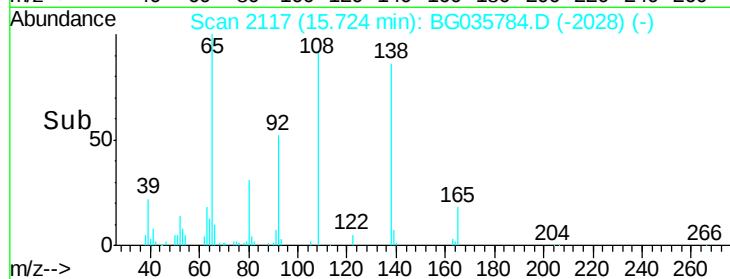
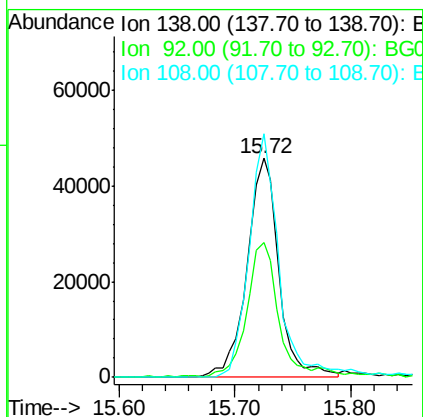
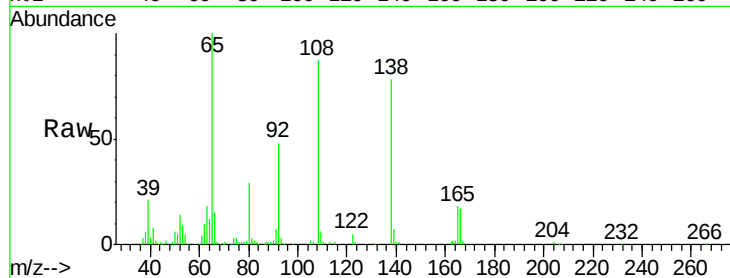




#61
4-Nitroaniline
Concen: 40.589 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

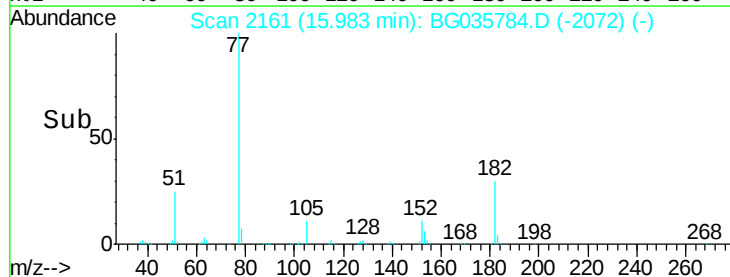
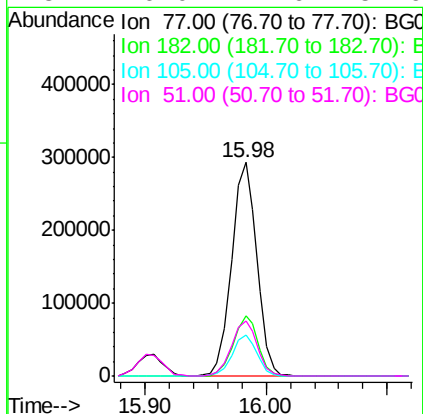
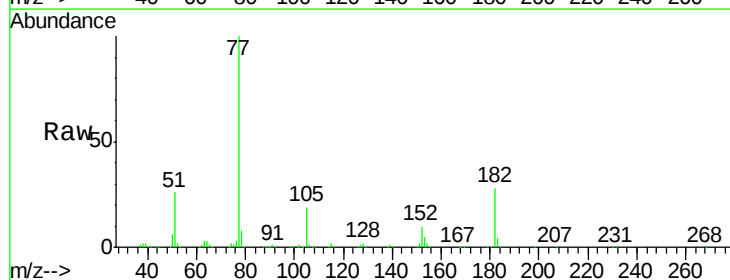
Instrument :
BNA_G
ClientSampleId :
PB111100BS

Tgt Ion:138 Resp: 88006
Ion Ratio Lower Upper
138 100
92 61.3 40.1 80.1
108 111.2 65.4 105.4#



#62
Azobenzene
Concen: 42.116 ng
RT: 15.98 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Tgt Ion: 77 Resp: 425416
Ion Ratio Lower Upper
77 100
182 28.4 7.4 47.4
105 19.1 0.3 40.3
51 26.0 11.6 51.6

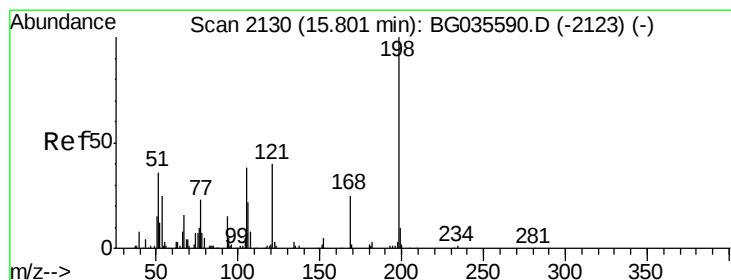
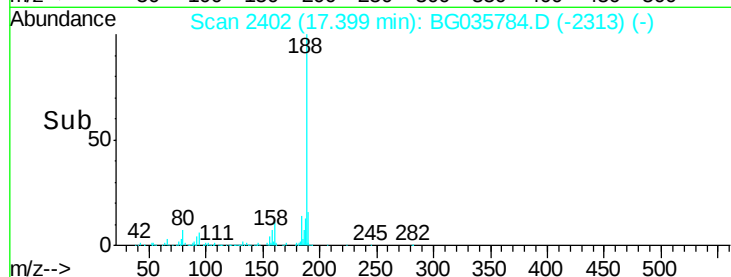
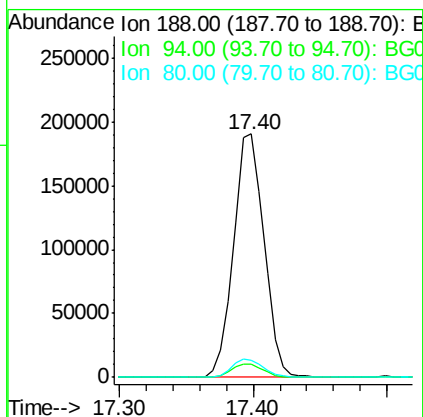
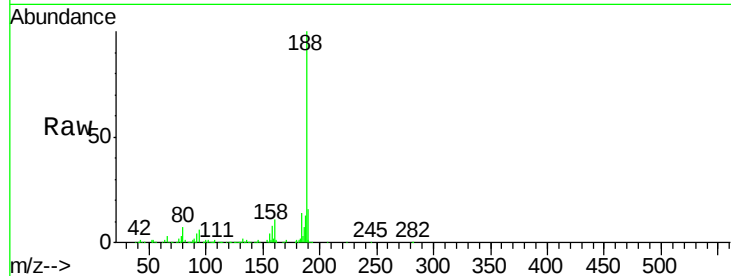




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

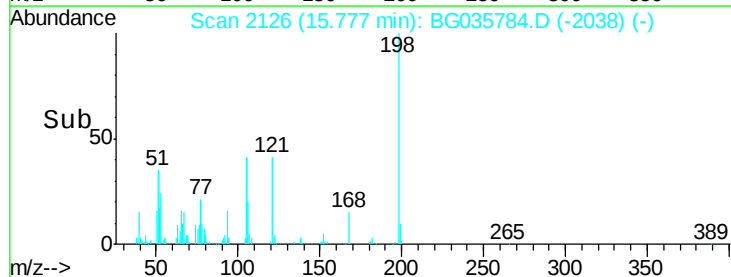
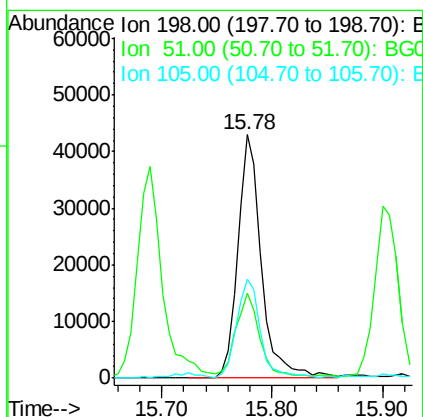
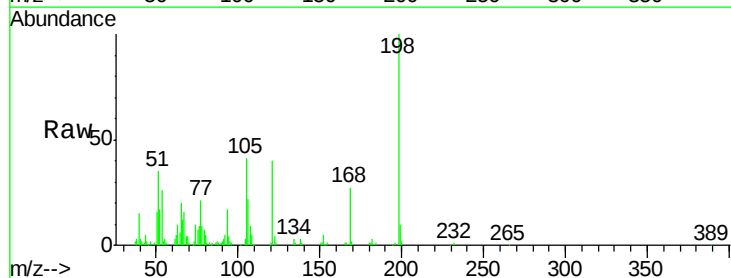
Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

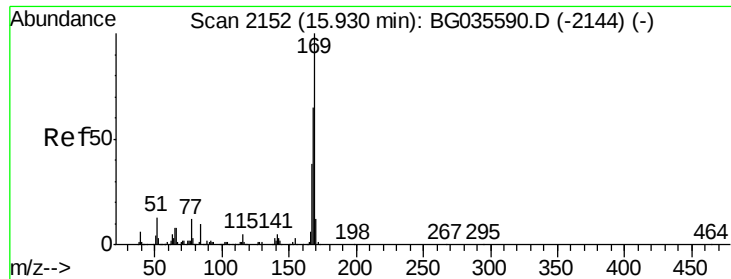
Tgt Ion:188 Resp: 302348
 Ion Ratio Lower Upper
 188 100
 94 5.5 6.9 10.3#
 80 7.2 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.293 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion:198 Resp: 64450
 Ion Ratio Lower Upper
 198 100
 51 34.7 30.6 70.6
 105 40.5 23.8 63.8

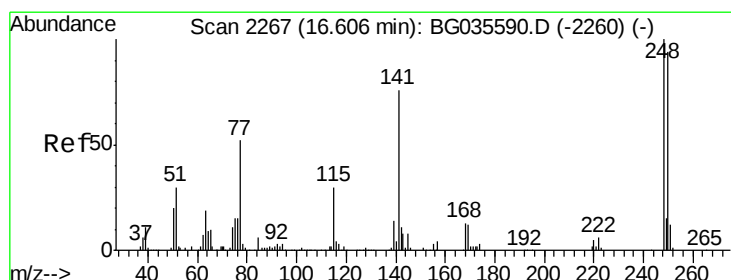
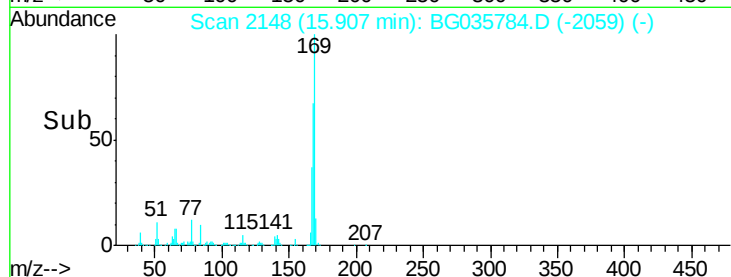
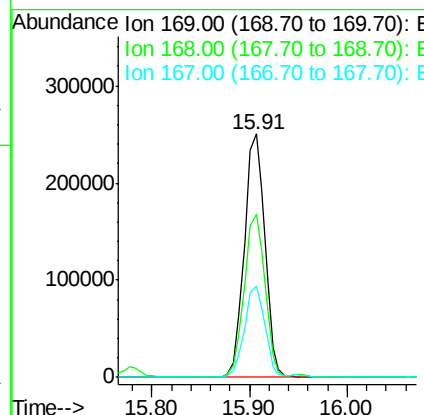
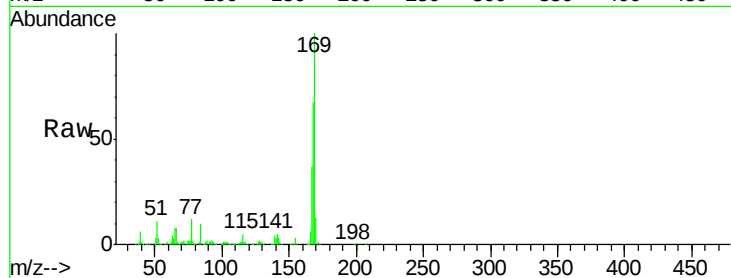




#65
 n-Nitrosodiphenylamine
 Concen: 42.743 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

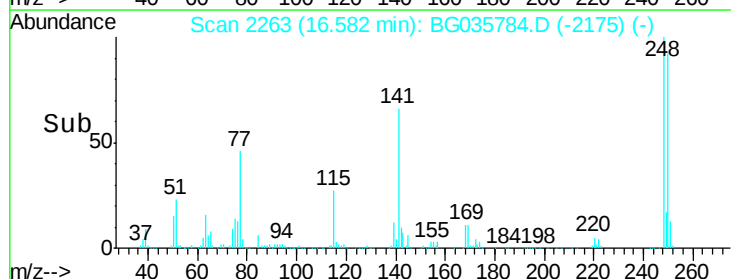
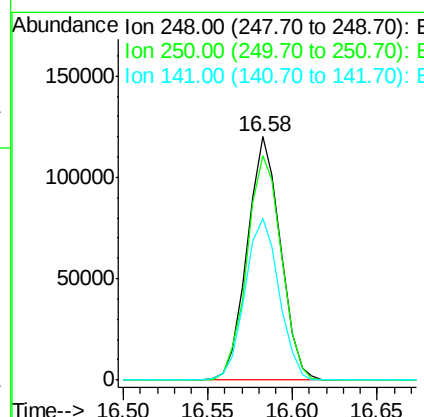
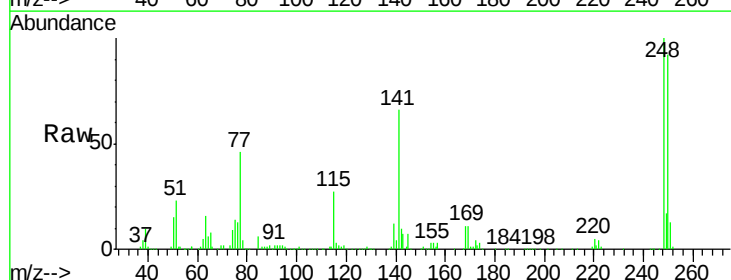
Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

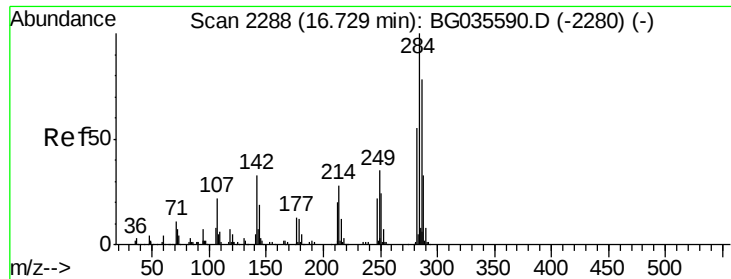
Tgt Ion:169 Resp: 367843
 Ion Ratio Lower Upper
 169 100
 168 66.9 55.7 83.5
 167 37.3 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 47.036 ng
 RT: 16.58 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion:248 Resp: 164989
 Ion Ratio Lower Upper
 248 100
 250 92.4 77.1 115.7
 141 66.2 50.8 76.2

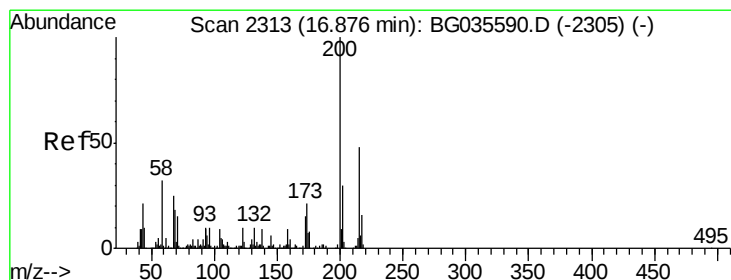
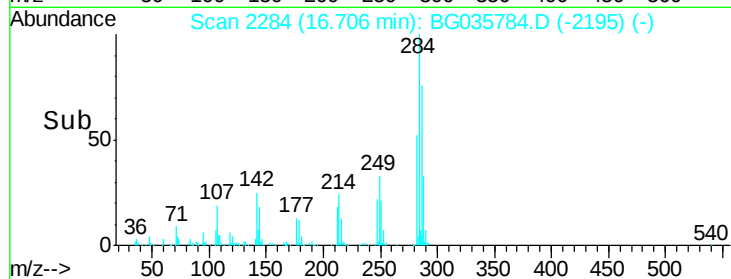
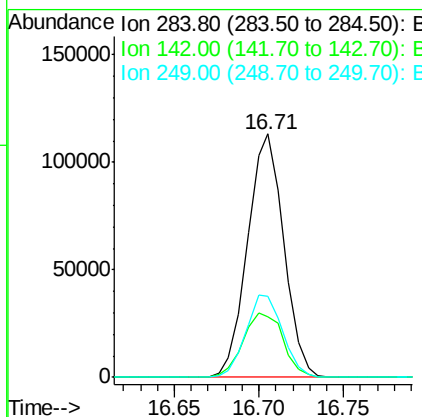
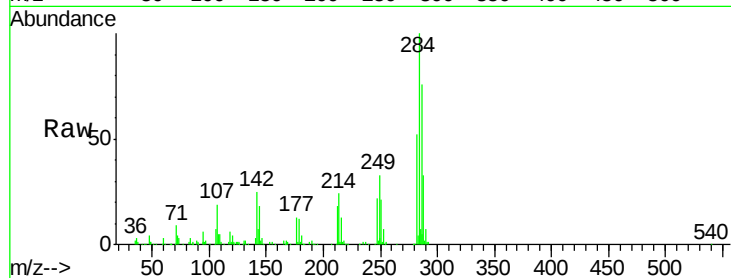




#67
Hexachlorobenzene
Concen: 46.566 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

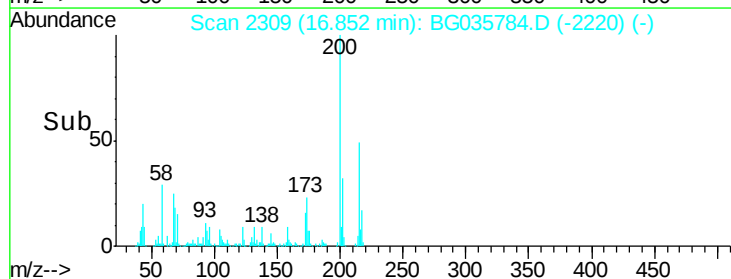
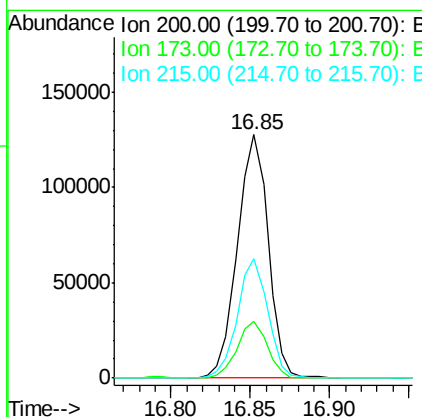
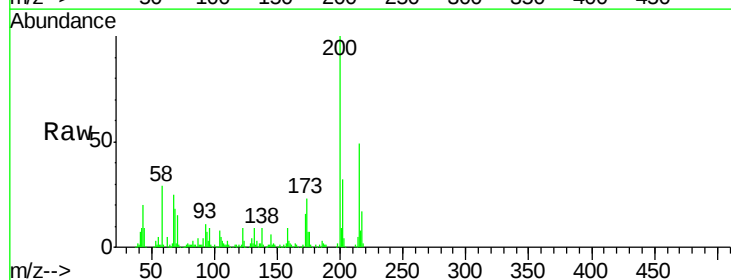
Instrument :
BNA_G
ClientSampleId :
PB111100BS

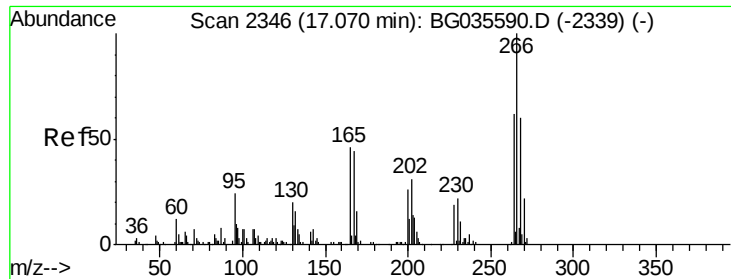
Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.1	26.8	40.2#
249	33.3	26.3	39.5



#68
Atrazine
Concen: 48.642 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	5.2	45.2
215	48.8	30.4	70.4

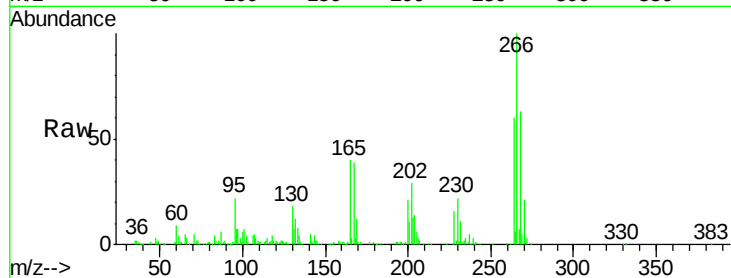




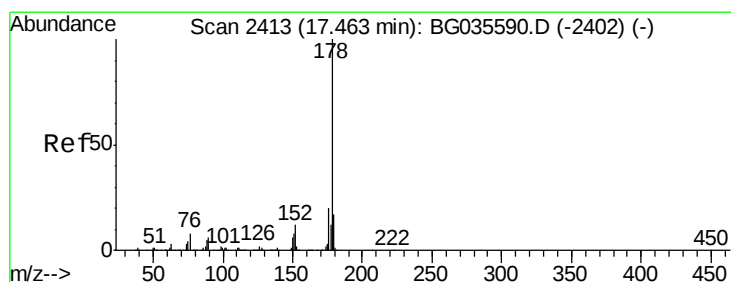
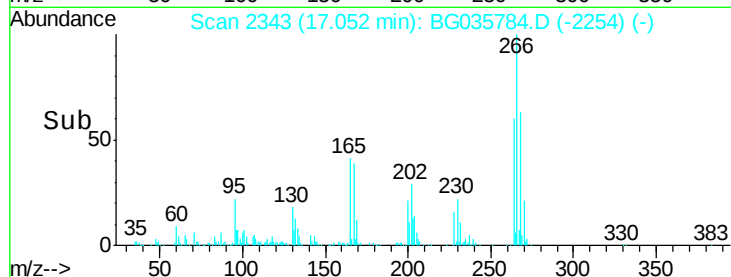
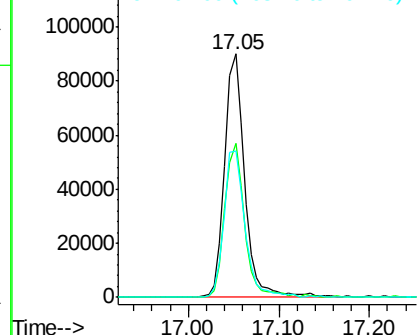
#69
 Pentachlorophenol
 Concen: 62.564 ng
 RT: 17.05 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

Tgt Ion:266 Resp: 137657
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 59.9 49.6 74.4

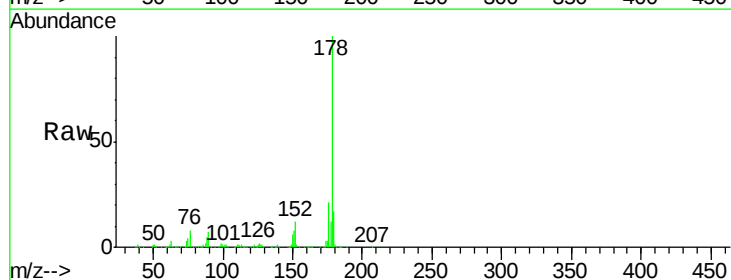


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

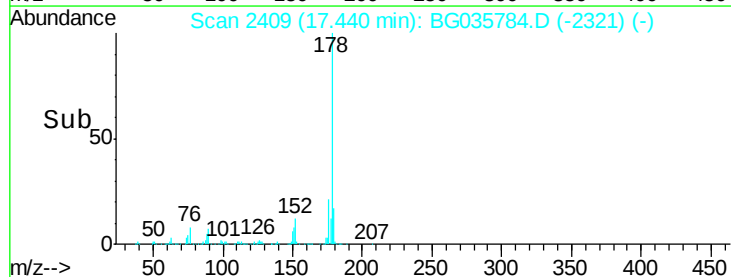
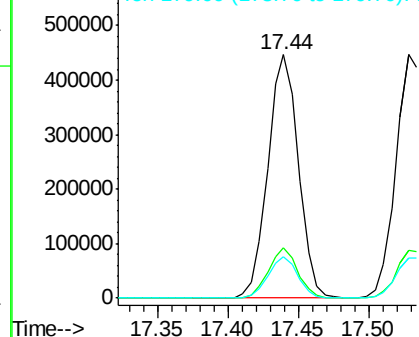


#70
 Phenanthrene
 Concen: 44.872 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion:178 Resp: 676970
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.7 23.5
 179 16.8 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

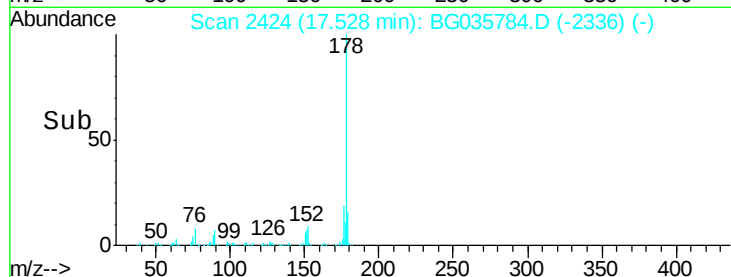
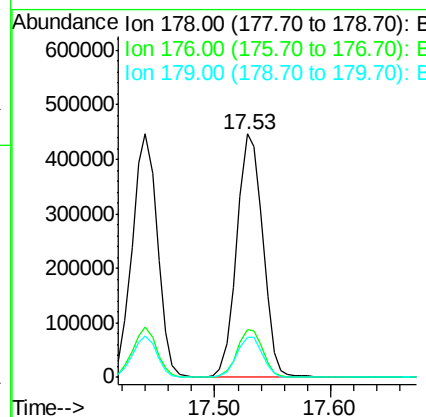
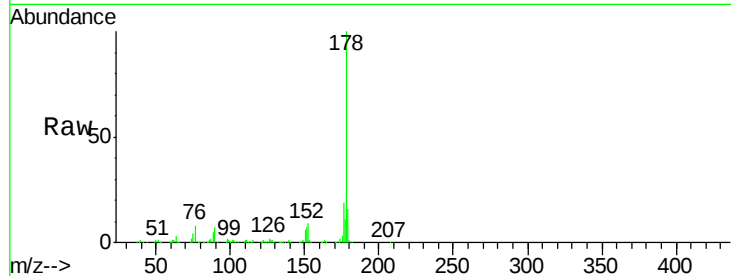




#71
 Anthracene
 Concen: 46.323 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

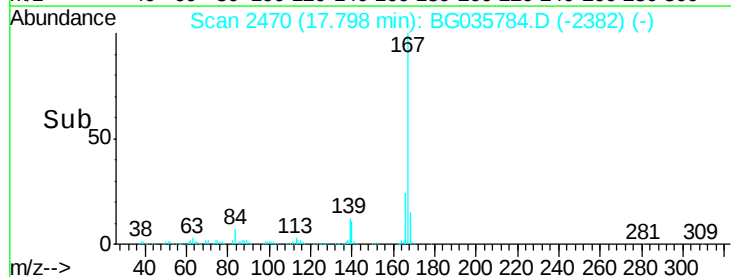
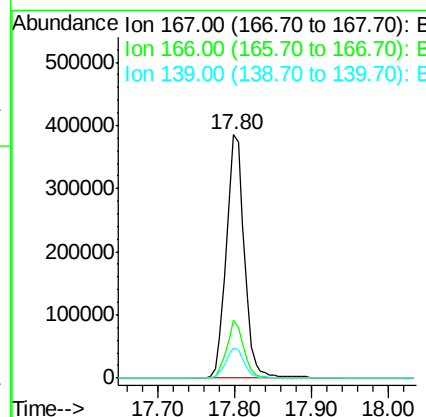
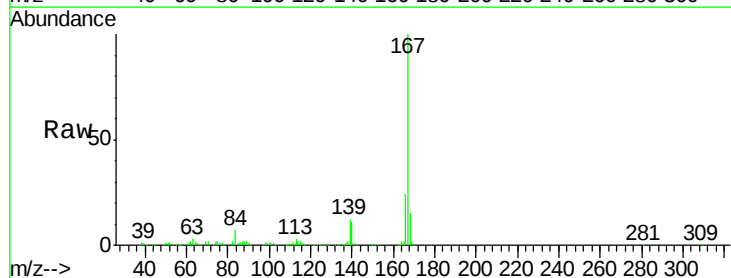
Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

Tgt Ion:178 Resp: 695880
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 44.265 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion:167 Resp: 631498
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.2 27.4
 139 12.4 9.4 14.2





#73

Di-n-butylphthalate

Concen: 43.208 ng

RT: 18.35 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

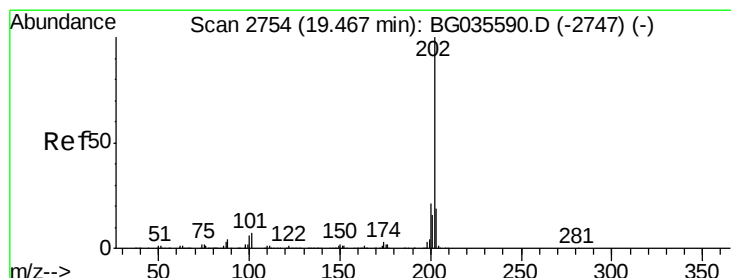
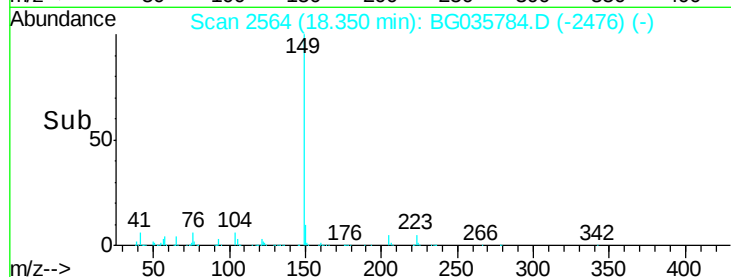
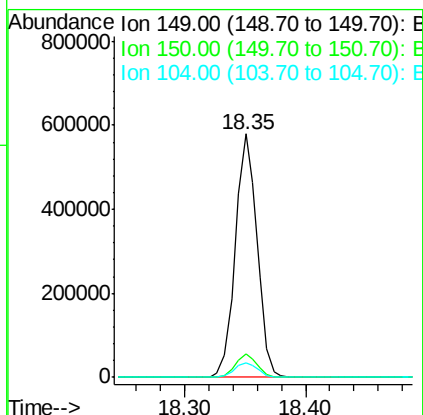
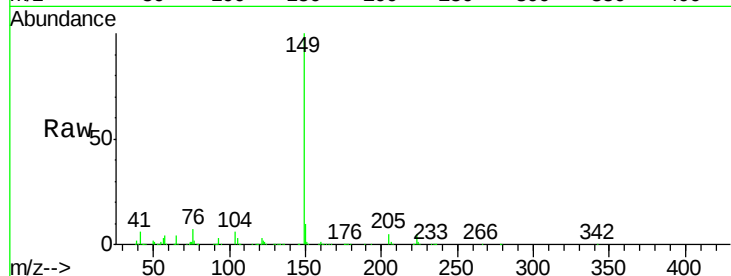
Instrument :

BNA_G

ClientSampleId :

PB111100BS

Tgt Ion:	149	Resp:	728435
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	6.2	3.9	5.9#



#74

Fluoranthene

Concen: 43.749 ng

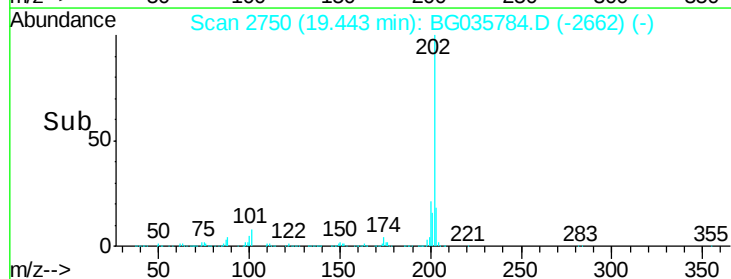
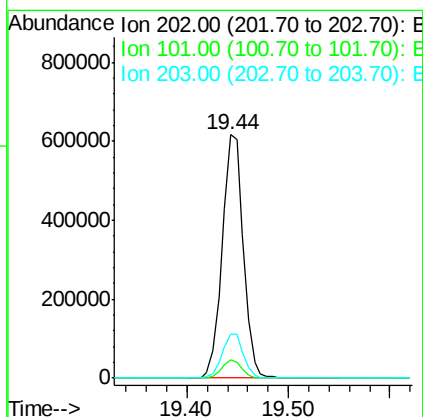
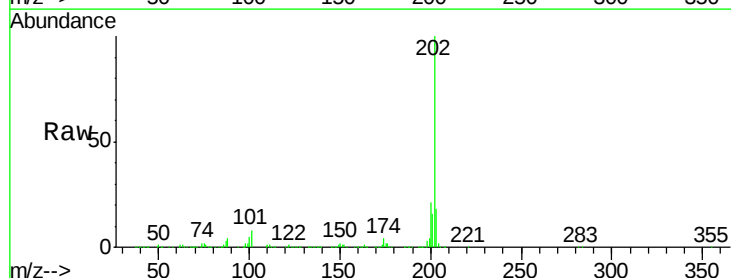
RT: 19.44 min Scan# 2750

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Tgt Ion:	202	Resp:	889037
Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.9
203	18.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Instrument :

BNA_G

ClientSampleId :

PB111100BS

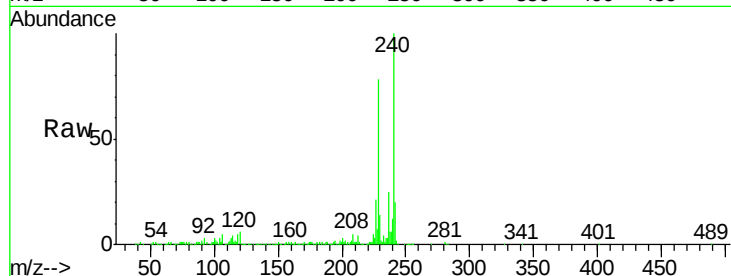
Tgt Ion:240 Resp: 328289

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

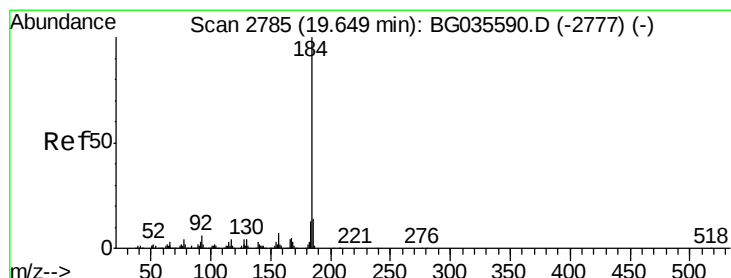
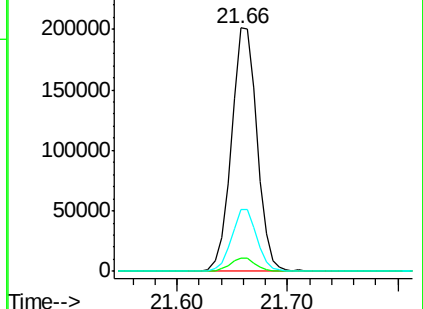
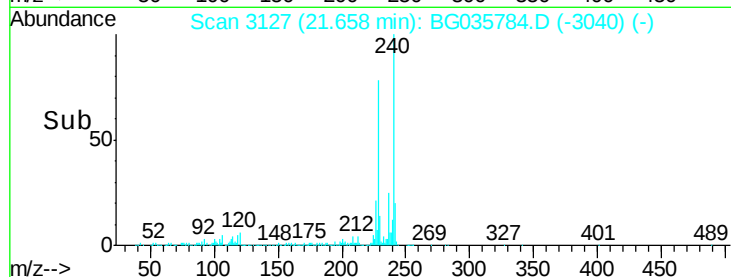
236 25.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.833 ng

RT: 19.63 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

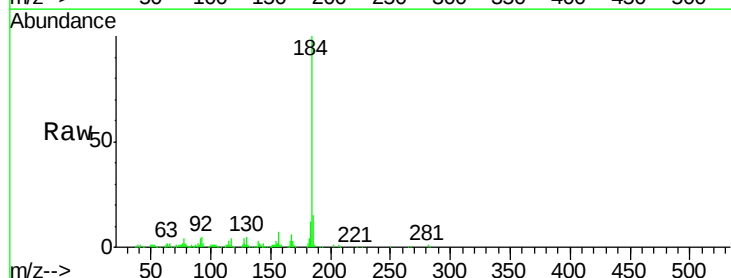
Tgt Ion:184 Resp: 188439

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

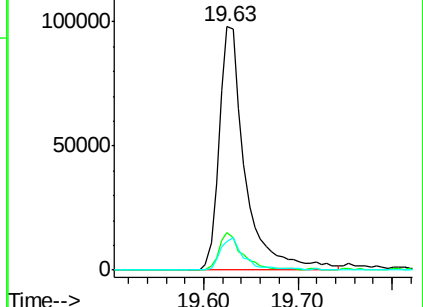
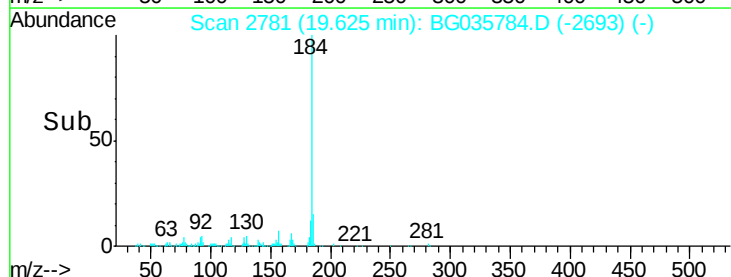
183 11.9 10.6 16.0

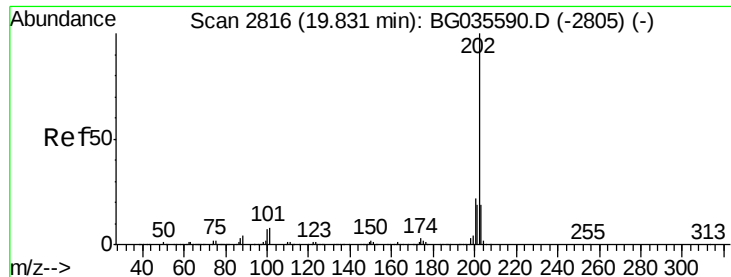


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

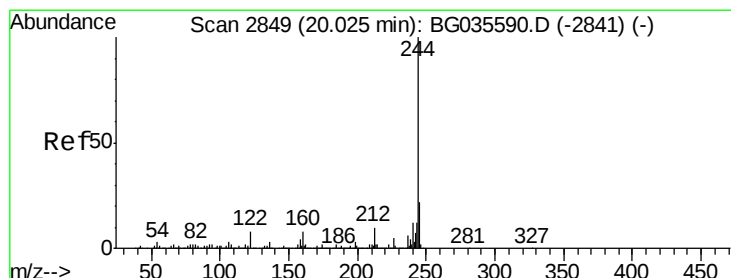
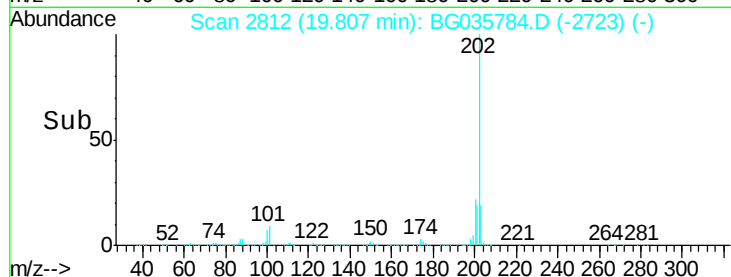
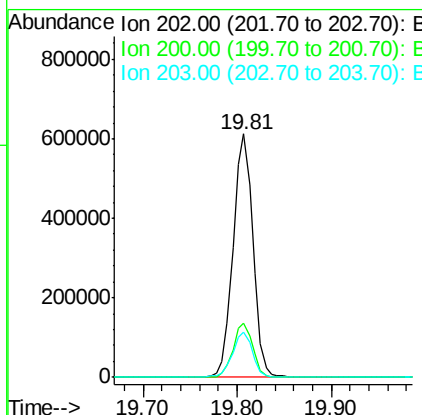
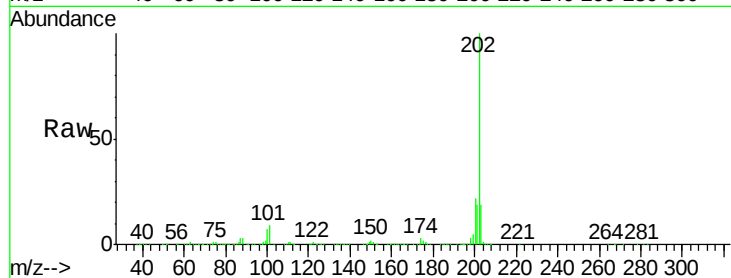




#77
 Pyrene
 Concen: 43.205 ng
 RT: 19.81 min Scan# 2812
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

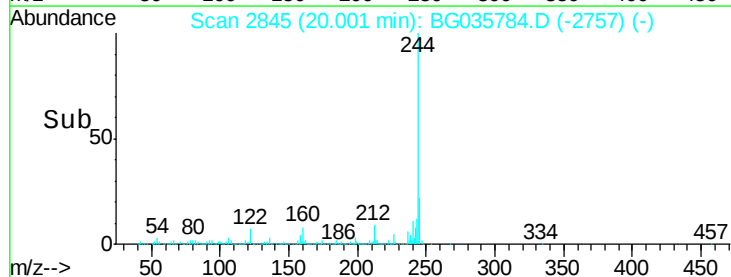
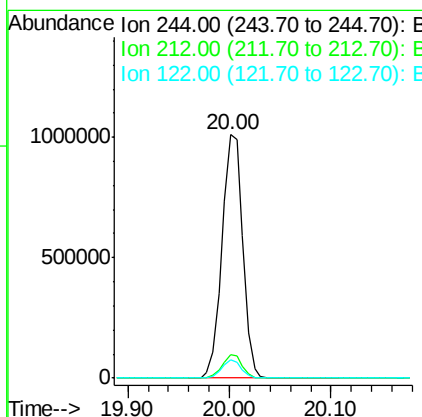
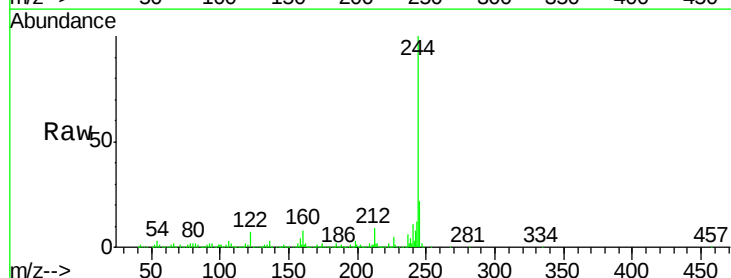
Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

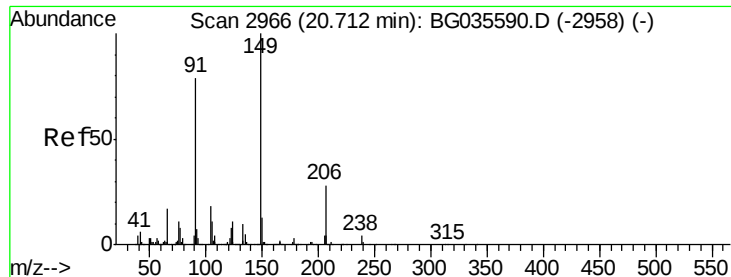
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	18.7	13.9	20.9



#78
 Terphenyl-d14
 Concen: 96.456 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	7.3	7.0	10.4





#79

Butylbenzylphthalate

Concen: 45.595 ng

RT: 20.69 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Instrument :

BNA_G

ClientSampleId :

PB111100BS

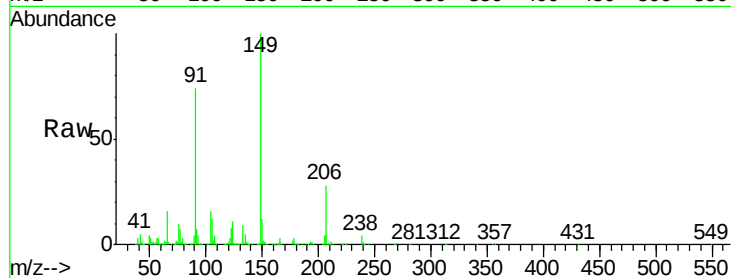
Tgt Ion:149 Resp: 338463

Ion Ratio Lower Upper

149 100

91 73.8 62.2 93.2

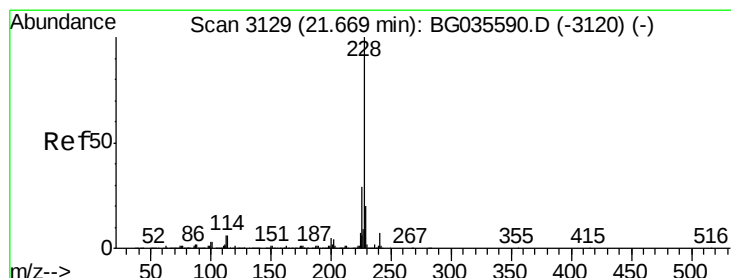
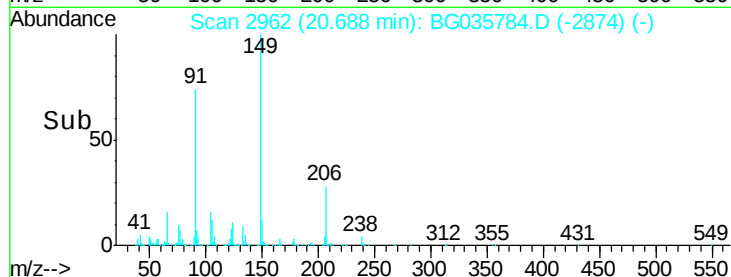
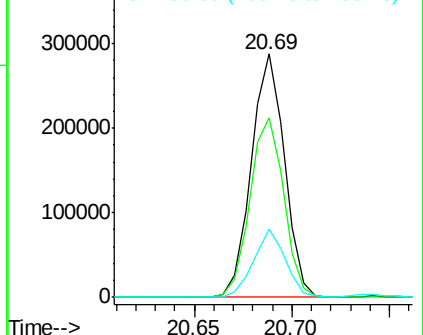
206 28.2 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.457 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

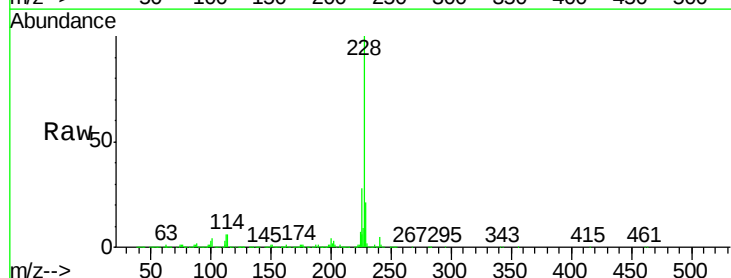
Tgt Ion:228 Resp: 909497

Ion Ratio Lower Upper

228 100

226 28.4 22.7 34.1

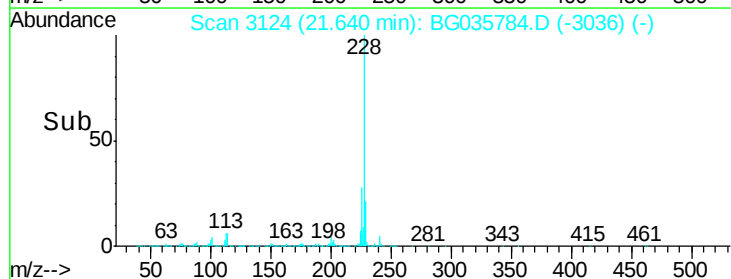
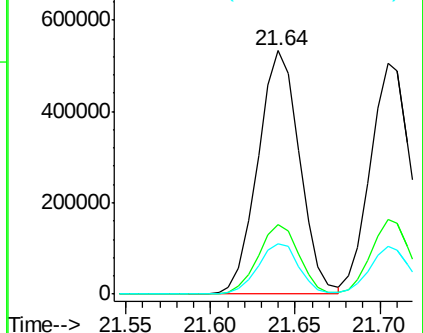
229 20.5 16.2 24.2

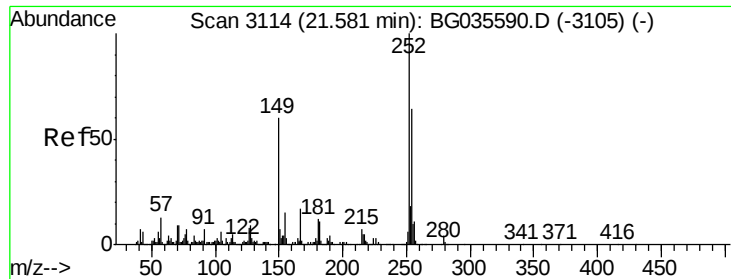


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

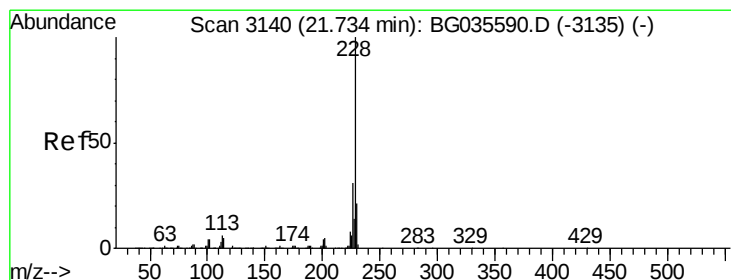
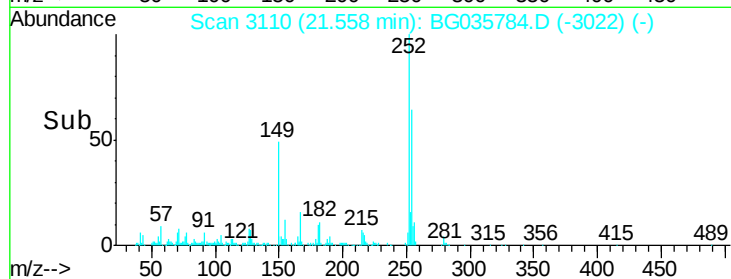
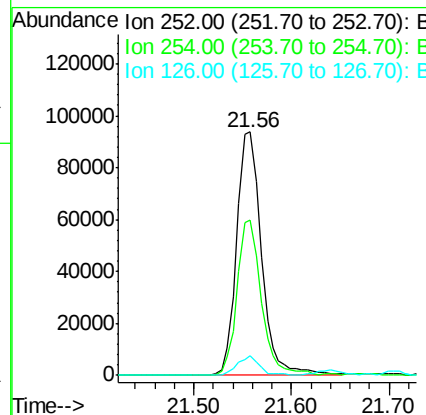
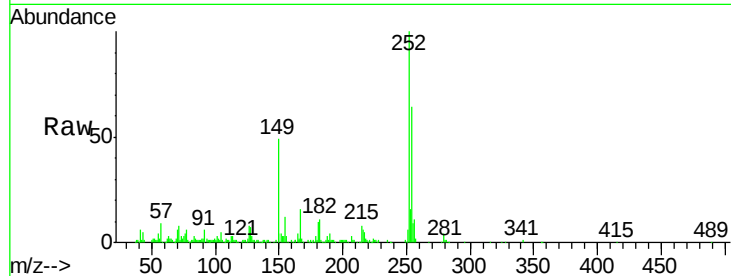




#81
 3,3'-Dichlorobenzidine
 Concen: 23.431 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

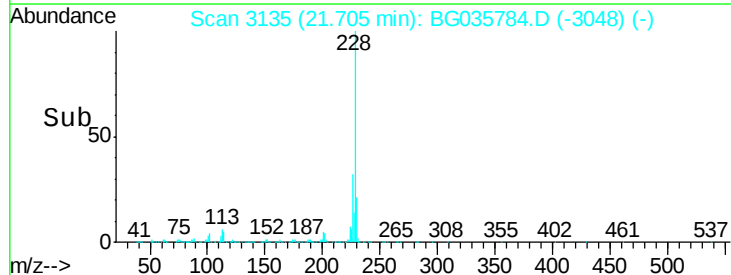
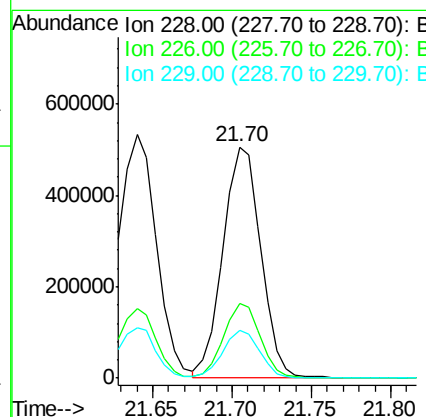
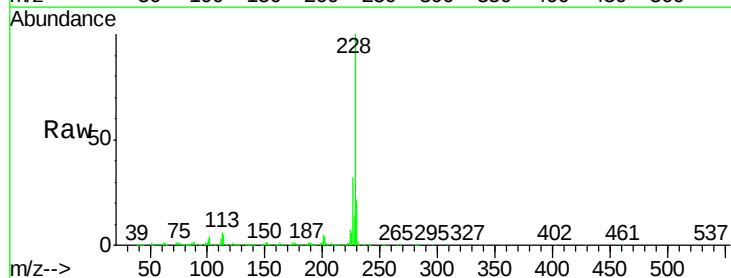
Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

Tgt Ion: 252 Resp: 167138
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.8 76.2
 126 7.9 7.4 11.2



#82
 Chrysene
 Concen: 44.028 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.02 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion: 228 Resp: 834686
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.9 37.3
 229 20.8 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.243 ng

RT: 21.54 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Instrument :

BNA_G

ClientSampleId :

PB111100BS

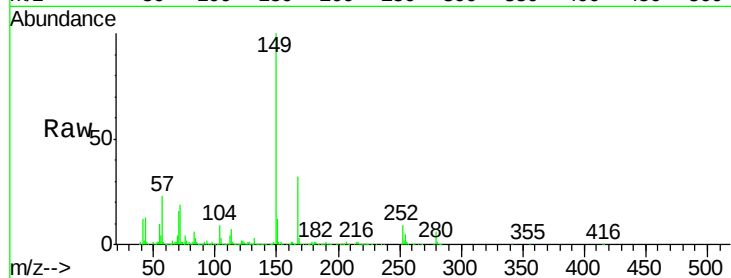
Tgt Ion:149 Resp: 466673

Ion Ratio Lower Upper

149 100

167 32.0 24.3 36.5

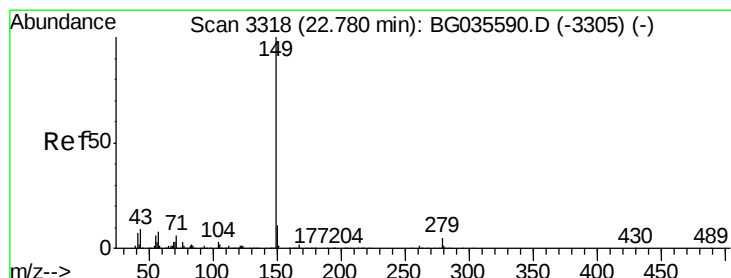
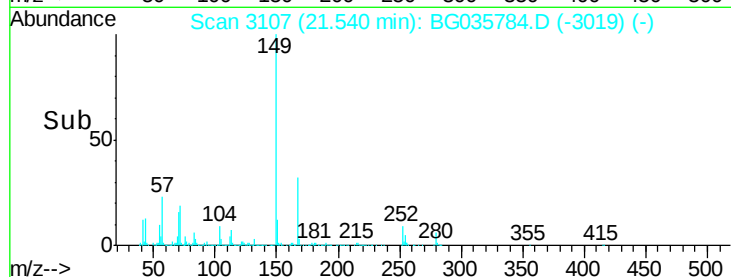
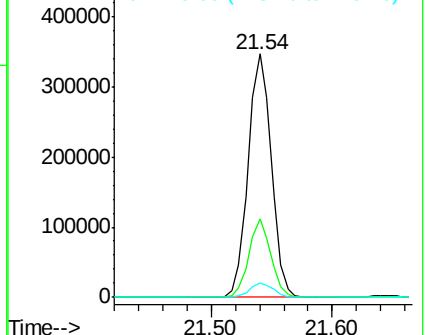
279 5.9 4.0 6.0



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: 46.777 ng

RT: 22.74 min Scan# 3312

Delta R.T. -0.01 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

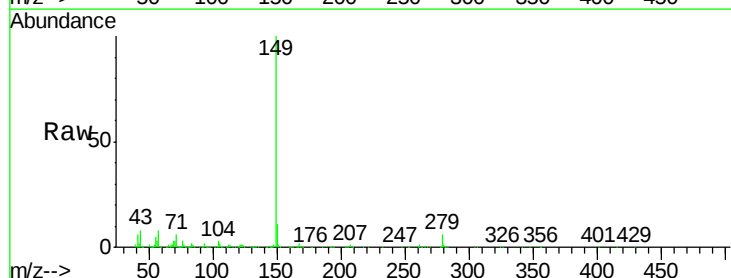
Tgt Ion:149 Resp: 790419

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

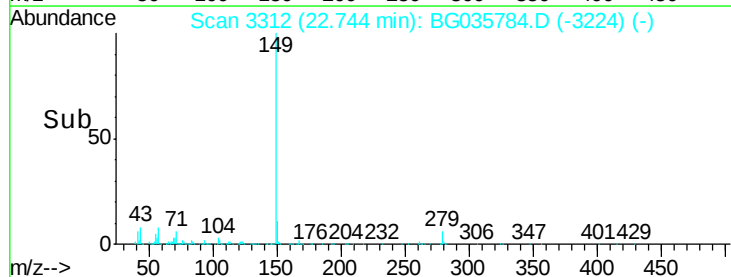
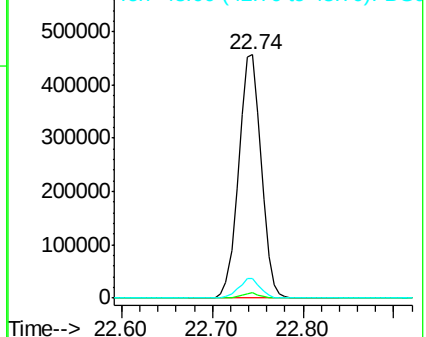
43 7.8 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

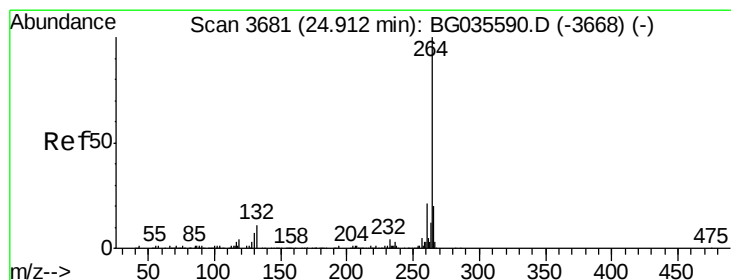
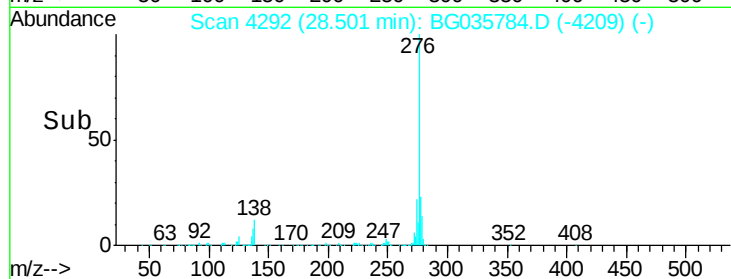
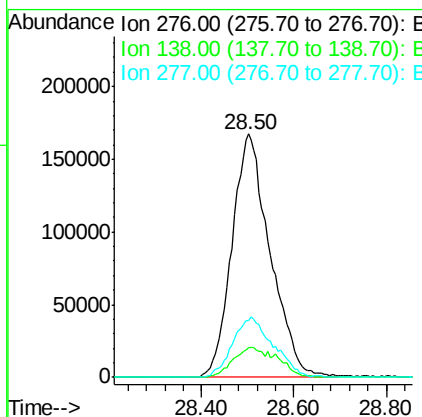
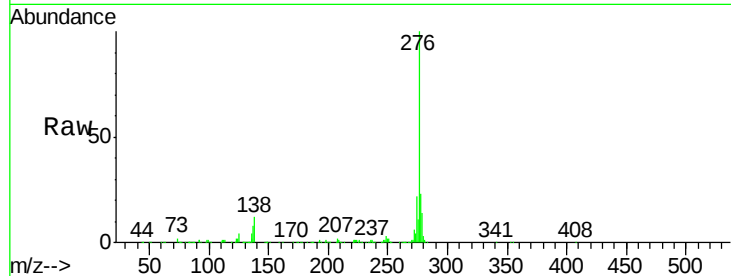




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.855 ng
 RT: 28.50 min Scan# 4292
 Delta R.T. -0.04 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

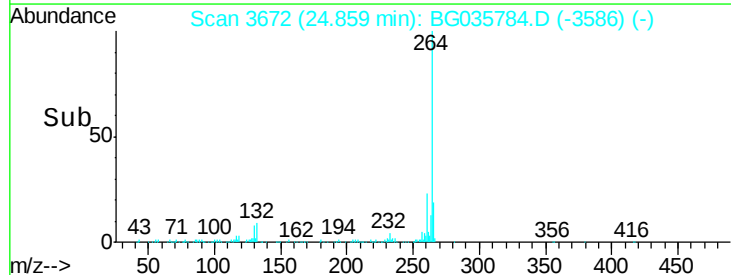
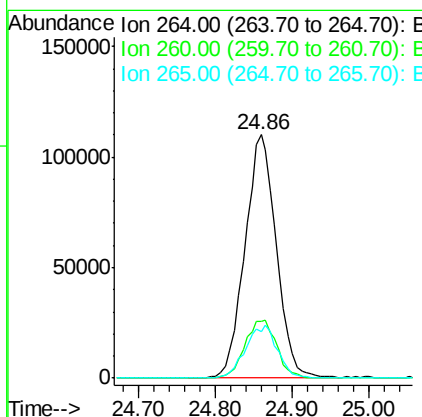
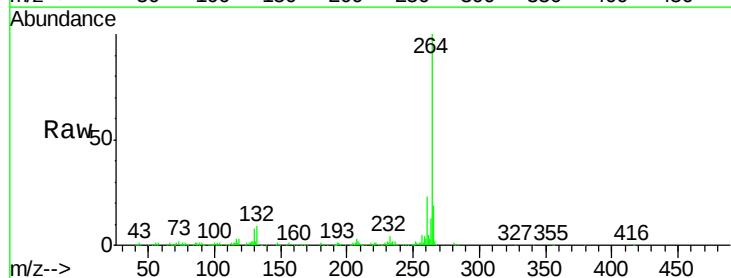
Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

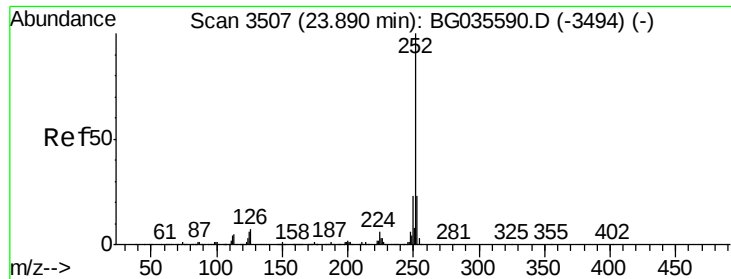
Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	16.0	24.0
277	26.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. -0.02 min
 Lab File: BG035784.D
 Acq: 20 Jul 2018 14:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	18.9	17.7	26.5

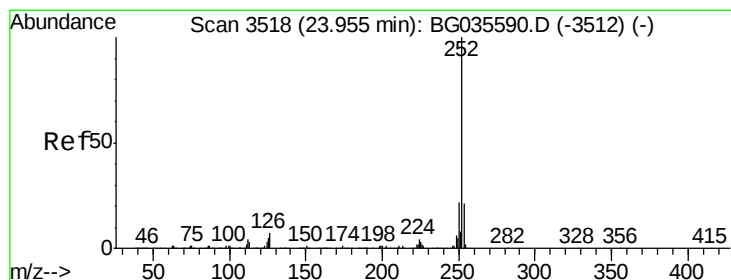
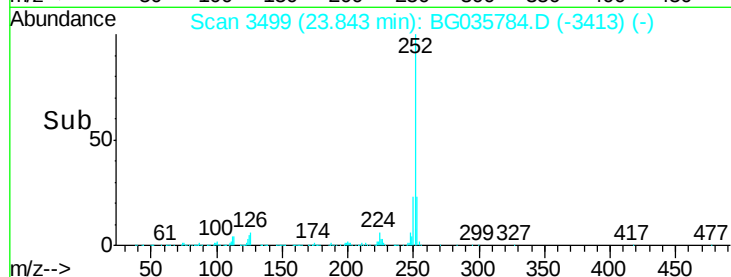
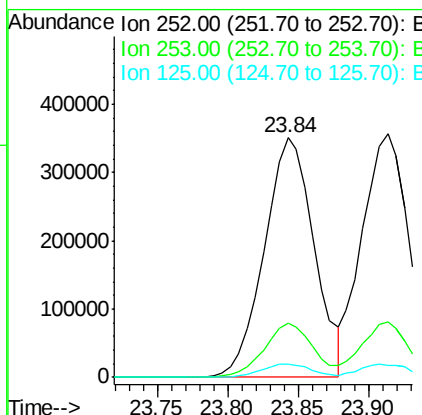
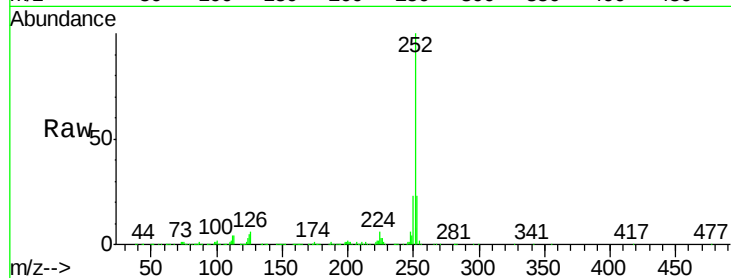




#87
Benzo(b)fluoranthene
Concen: 45.366 ng
RT: 23.84 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

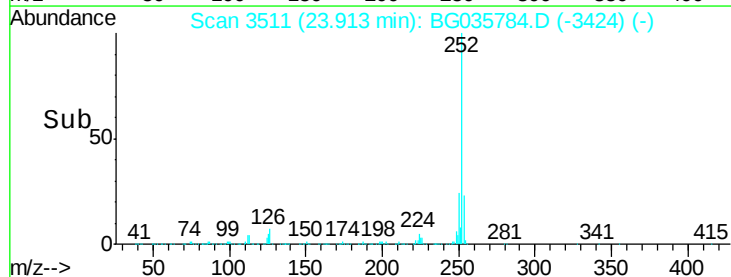
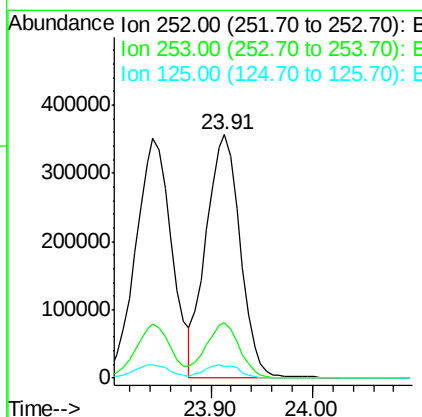
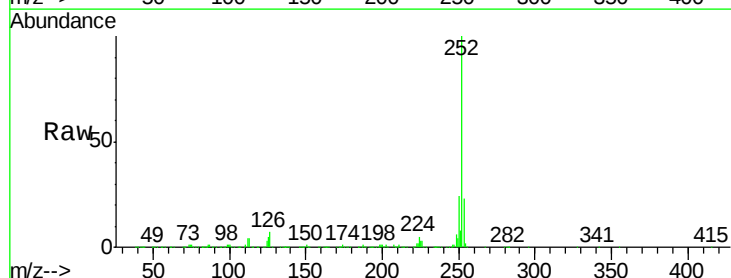
Instrument :
BNA_G
ClientSampleId :
PB111100BS

Tgt Ion:252 Resp: 865643
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 5.5 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 44.498 ng
RT: 23.91 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BG035784.D
Acq: 20 Jul 2018 14:55

Tgt Ion:252 Resp: 830091
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 4.9 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 46.806 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.03 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Instrument :

BNA_G

ClientSampleId :

PB111100BS

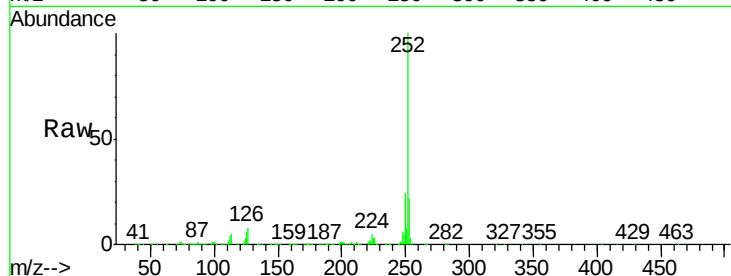
Tgt Ion:252 Resp: 830892

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

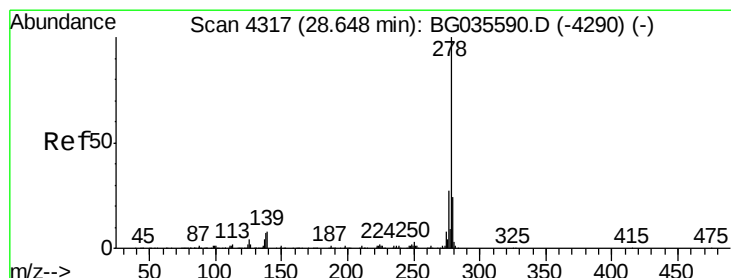
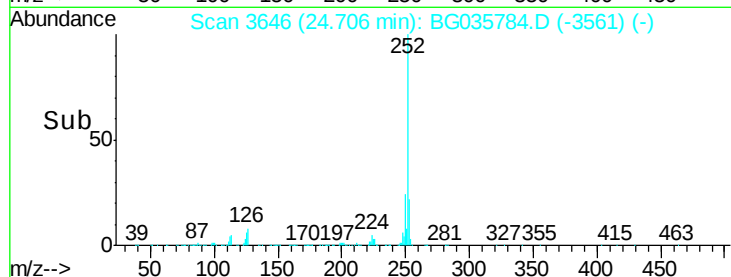
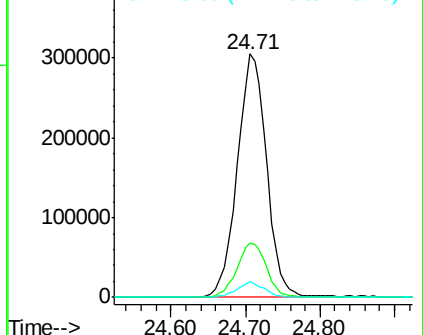
125 6.2 7.3 10.9#



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: 45.988 ng

RT: 28.56 min Scan# 4302

Delta R.T. -0.05 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

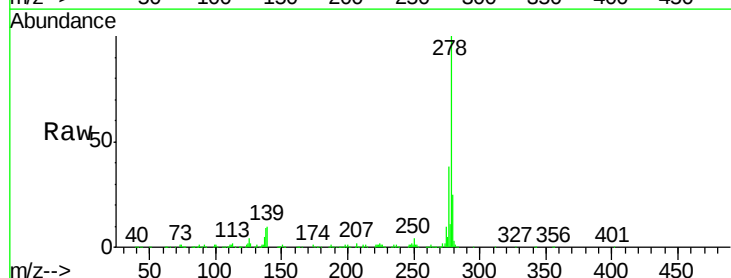
Tgt Ion:278 Resp: 801469

Ion Ratio Lower Upper

278 100

139 10.0 9.8 14.6

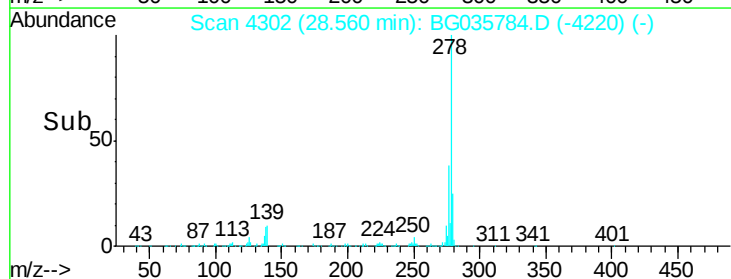
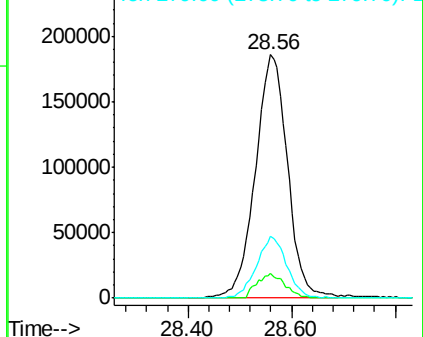
279 25.3 18.4 27.6

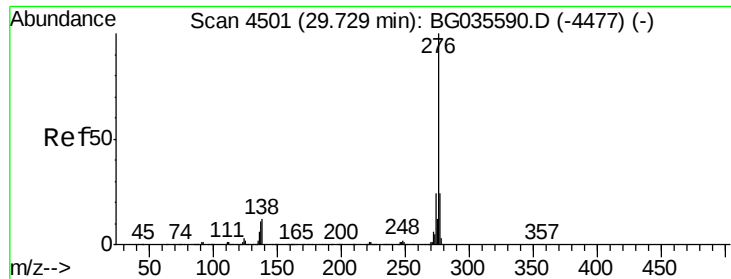


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.969 ng

RT: 29.64 min Scan# 4486

Delta R.T. -0.05 min

Lab File: BG035784.D

Acq: 20 Jul 2018 14:55

Instrument :

BNA_G

ClientSampleId :

PB111100BS

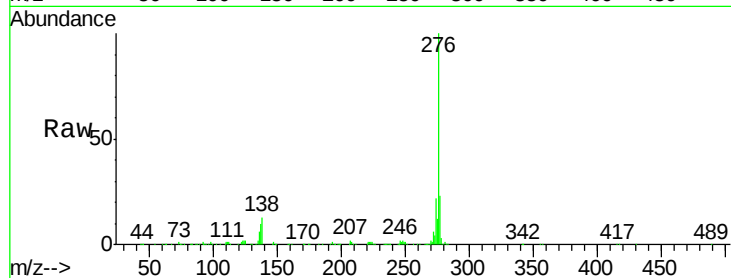
Tgt Ion: 276 Resp: 800995

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 12.8 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

