

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
 Data File : BG035913.D
 Acq On : 26 Jul 2018 17:53
 Operator : JU/SJ
 Sample : PB111441BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111441BS

Quant Time: Jul 27 01:26:23 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 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33282	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	133933	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	103262	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	293454	20.00	ng	0.00
75) Chrysene-d12	21.66	240	316229	20.00	ng	0.00
86) Perylene-d12	24.85	264	303217	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	238943	119.19	ng	0.00
7) Phenol-d6	7.19	99	354546	118.54	ng	0.00
23) Nitrobenzene-d5	9.19	82	222916	69.53	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	171896	126.30	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	558937	72.52	ng	0.00
78) Terphenyl-d14	20.00	244	1095585	76.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	26220	25.698	ng	# 78
3) Pyridine	3.91	79	71437	26.820	ng	# 71
4) n-Nitrosodimethylamine	3.83	42	31474	27.520	ng	# 88
6) Aniline	7.35	93	73269	18.900	ng	94
8) 2-Chlorophenol	7.59	128	80301	39.386	ng	96
9) Benzaldehyde	7.17	77	56647	30.867	ng	98
10) Phenol	7.22	94	121853	40.326	ng	92
11) bis(2-Chloroethyl)ether	7.45	93	75621	31.956	ng	90
12) 1,3-Dichlorobenzene	7.91	146	86467	35.119	ng	96
13) 1,4-Dichlorobenzene	8.06	146	86953	34.759	ng	97
14) 1,2-Dichlorobenzene	8.38	146	85820	35.711	ng	93
15) Benzyl Alcohol	8.26	79	90714	33.399	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.55	45	88858	44.788	ng	81
17) 2-Methylphenol	8.47	107	79831	38.857	ng	# 92
18) Hexachloroethane	9.10	117	32483	33.961	ng	92
19) n-Nitroso-di-n-propylamine	8.82	70	76825	30.503	ng	# 83
20) 3+4-Methylphenols	8.80	107	107852	37.841	ng	87
22) Acetophenone	8.85	105	138766	33.318	ng	# 88
24) Nitrobenzene	9.23	77	112090	34.764	ng	93
25) Isophorone	9.74	82	217876	36.608	ng	100
26) 2-Nitrophenol	9.94	139	48015	41.930	ng	# 89
27) 2,4-Dimethylphenol	10.00	122	86454	44.601	ng	88
28) bis(2-Chloroethoxy)methane	10.23	93	116352	35.479	ng	96
29) 2,4-Dichlorophenol	10.48	162	95948	43.363	ng	90
30) 1,2,4-Trichlorobenzene	10.69	180	101515	37.415	ng	99
31) Naphthalene	10.88	128	252499	36.192	ng	97
32) Benzoic acid	10.16	122	34103	26.135	ng	96
33) 4-Chloroaniline	11.00	127	23896	7.859	ng	# 97
34) Hexachlorobutadiene	11.16	225	76506	36.160	ng	95
35) Caprolactam	11.77	113	20126	21.195	ng	# 56
36) 4-Chloro-3-methylphenol	12.11	107	120577	40.654	ng	92
37) 2-Methylnaphthalene	12.48	142	206033	39.639	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	141066	36.194	ng	99
40) Hexachlorocyclopentadiene	12.82	237	176922	86.557	ng	90

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	93500	41.022	ng	92
43) 2,4,5-Trichlorophenol	13.16	196	99563	39.048	ng	97
45) 1,1'-Biphenyl	13.48	154	281272	35.133	ng	97
46) 2-Chloronaphthalene	13.53	162	231533	37.180	ng	97
47) 2-Nitroaniline	13.73	65	78278	35.556	ng	90
48) Acenaphthylene	14.37	152	387606	37.158	ng	98
49) Dimethylphthalate	14.10	163	321590	35.546	ng	100
50) 2,6-Dinitrotoluene	14.23	165	74904	40.656	ng #	89
51) Acenaphthene	14.71	154	228416	35.151	ng	98
52) 3-Nitroaniline	14.56	138	31112	16.522	ng #	92
53) 2,4-Dinitrophenol	14.77	184	72843	77.142	ng #	67
54) Dibenzofuran	15.05	168	381647	36.930	ng	96
55) 4-Nitrophenol	14.87	139	104275	77.758	ng	91
56) 2,4-Dinitrotoluene	15.01	165	111518	42.192	ng #	82
57) Fluorene	15.70	166	321461	37.113	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	105150	43.011	ng #	92
59) Diethylphthalate	15.46	149	329558	35.425	ng	99
60) 4-Chlorophenyl-phenylether	15.68	204	185716	36.480	ng	98
61) 4-Nitroaniline	15.72	138	71955	36.531	ng	87
62) Azobenzene	15.98	77	325276	35.447	ng	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	61709	37.776	ng	83
65) n-Nitrosodiphenylamine	15.90	169	288542	34.544	ng	98
66) 4-Bromophenyl-phenylether	16.58	248	126193	37.066	ng	96
67) Hexachlorobenzene	16.70	284	130498	37.221	ng	96
68) Atrazine	16.85	200	131822	38.330	ng	98
69) Pentachlorophenol	17.05	266	128486	60.166	ng	96
70) Phenanthrene	17.43	178	543288	37.103	ng	97
71) Anthracene	17.53	178	553921	37.991	ng	99
72) Carbazole	17.80	167	499042	36.041	ng	97
73) Di-n-butylphthalate	18.35	149	579221	35.398	ng	99
74) Fluoranthene	19.44	202	719478	36.478	ng	97
76) Benzidine	19.63	184	199370	23.981	ng	97
77) Pyrene	19.80	202	727925	36.404	ng	100
79) Butylbenzylphthalate	20.69	149	265431	37.121	ng	92
80) Benzo(a)anthracene	21.64	228	727647	36.924	ng	99
81) 3,3'-Dichlorobenzidine	21.55	252	149433	21.748	ng	93
82) Chrysene	21.70	228	686265	37.580	ng	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	358902	36.920	ng	99
84) Di-n-octyl phthalate	22.74	149	618527	38.001	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	761576	37.668	ng #	87
87) Benzo(b)fluoranthene	23.84	252	686122	37.230	ng #	97
88) Benzo(k)fluoranthene	23.91	252	668146	37.083	ng #	97
89) Benzo(a)pyrene	24.70	252	663194	38.681	ng #	96
90) Dibenzo(a,h)anthracene	28.56	278	632703	37.589	ng	95
91) Benzo(g,h,i)perylene	29.64	276	639941	38.852	ng #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

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BNA_G

ClientSampleId :

PB111441BS

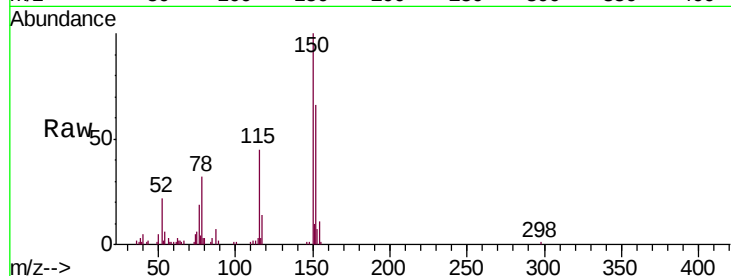
Tgt Ion:152 Resp: 33282

Ion Ratio Lower Upper

152 100

150 151.2 126.6 189.8

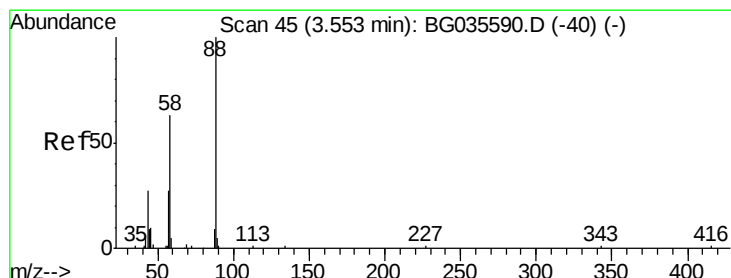
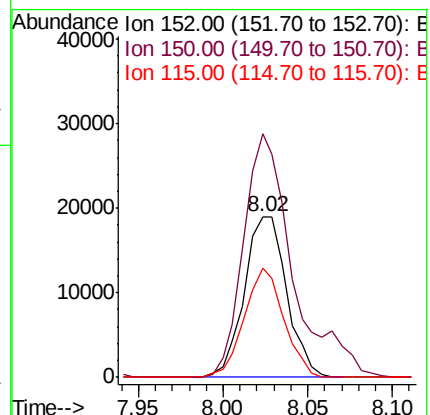
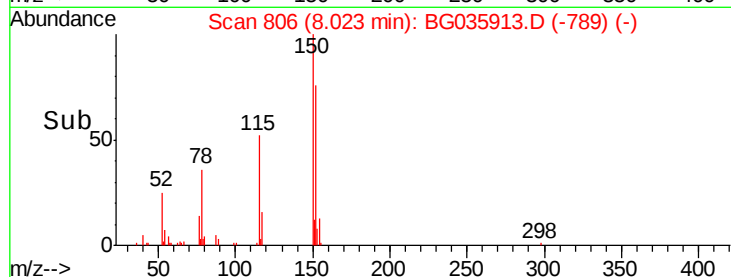
115 68.2 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 25.698 ng

RT: 3.52 min Scan# 39

Delta R.T. -0.01 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

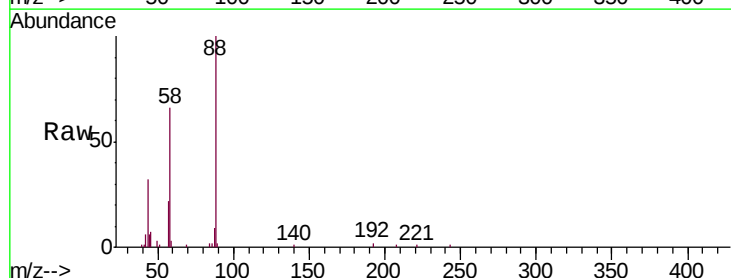
Tgt Ion: 88 Resp: 26220

Ion Ratio Lower Upper

88 100

58 71.8 79.6 119.4#

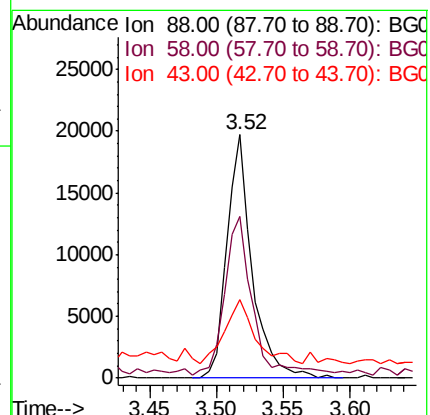
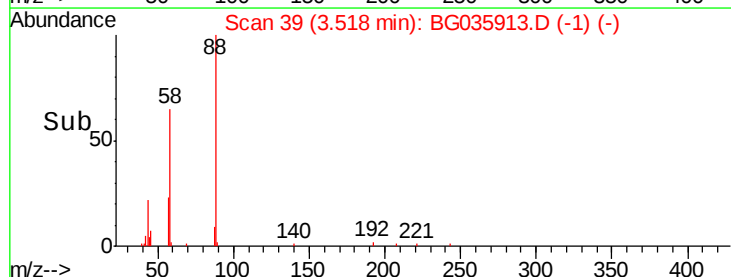
43 32.0 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

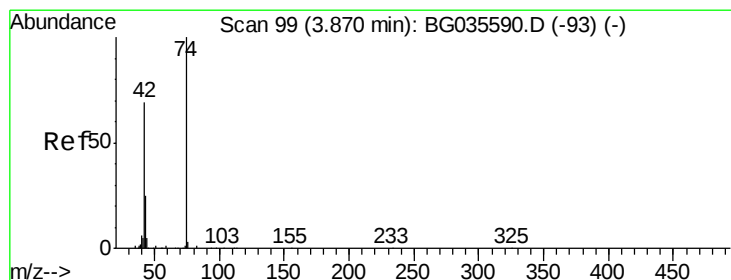
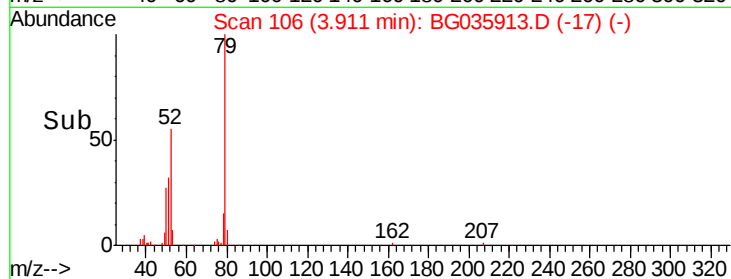
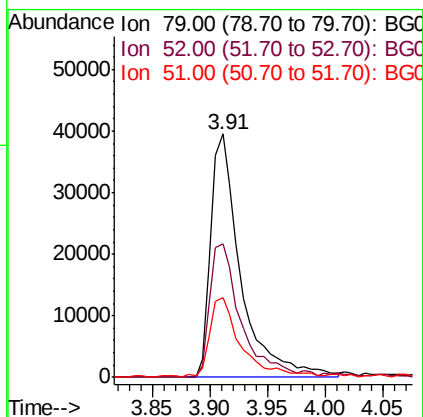
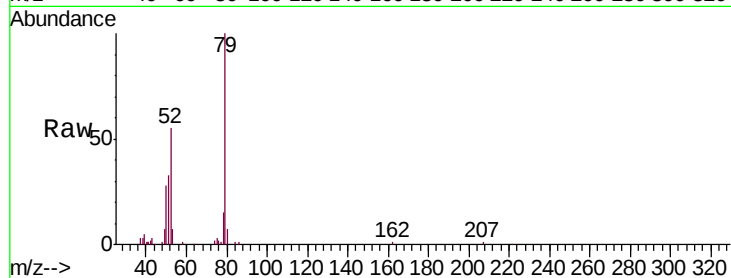




#3
 Pyridine
 Concen: 26.820 ng
 RT: 3.91 min Scan# 106
 Delta R.T. -0.01 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

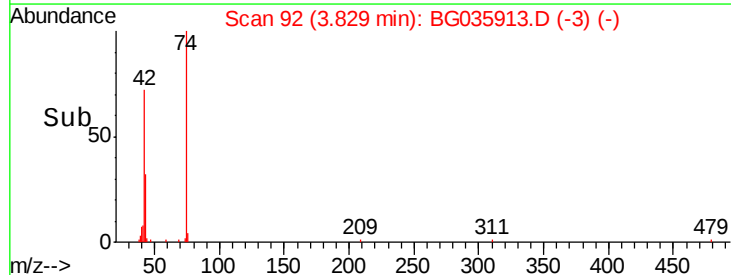
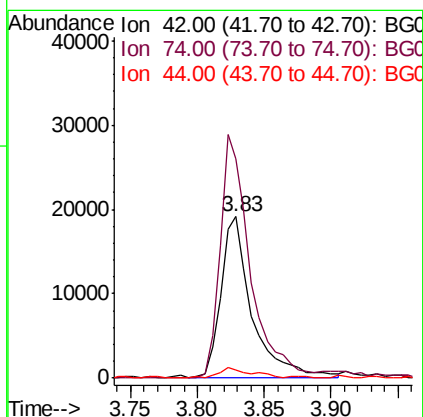
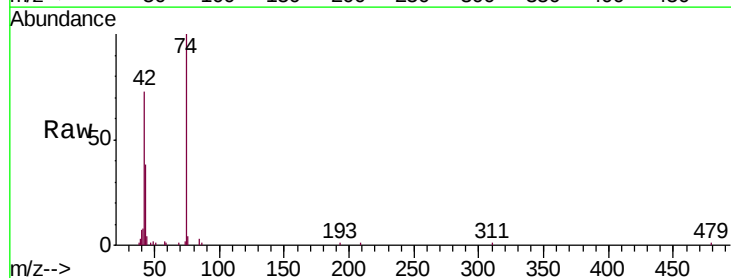
Instrument :
 BNA_G
 ClientSampleId :
 PB111441BS

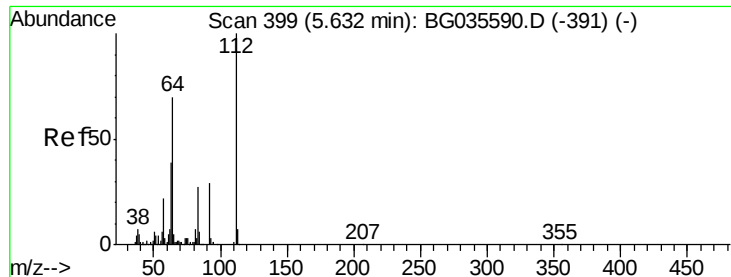
Tgt Ion: 79 Resp: 71437
 Ion Ratio Lower Upper
 79 100
 52 54.7 69.9 104.9#
 51 32.8 34.0 51.0#



#4
 n-Nitrosodimethylamine
 Concen: 27.520 ng
 RT: 3.83 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Tgt Ion: 42 Resp: 31474
 Ion Ratio Lower Upper
 42 100
 74 136.1 102.5 153.7
 44 5.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 119.194 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

BNA_G

ClientSampleId :

PB111441BS

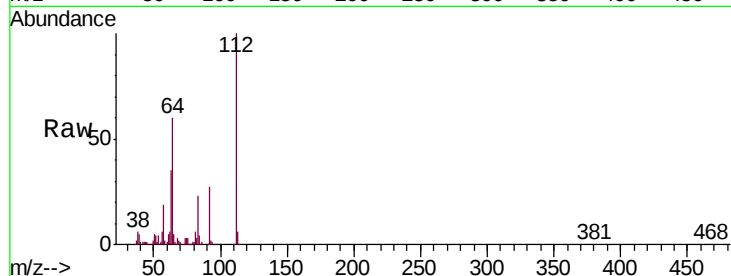
Tgt Ion: 112 Resp: 238943

Ion Ratio Lower Upper

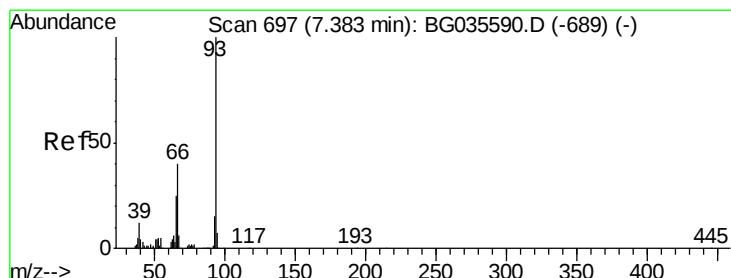
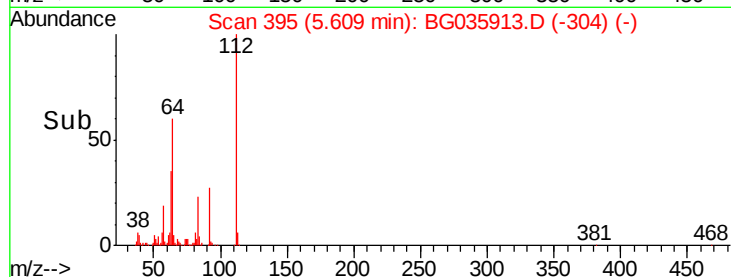
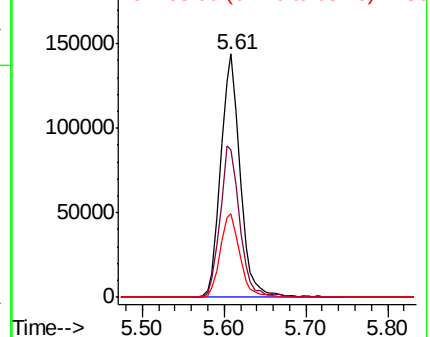
112 100

64 60.4 56.3 84.5

63 34.6 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: 18.900 ng

RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

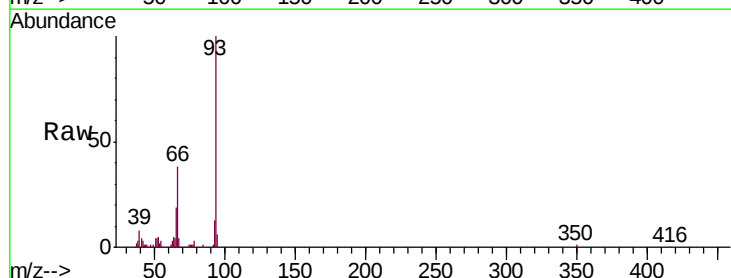
Tgt Ion: 93 Resp: 73269

Ion Ratio Lower Upper

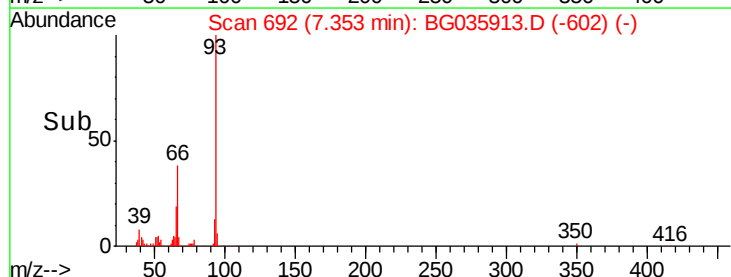
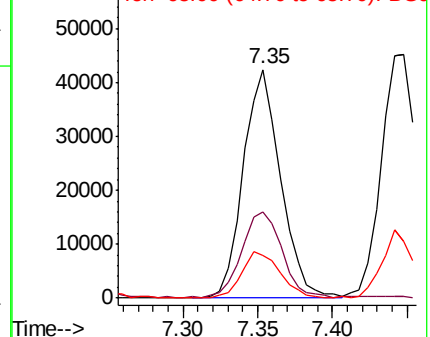
93 100

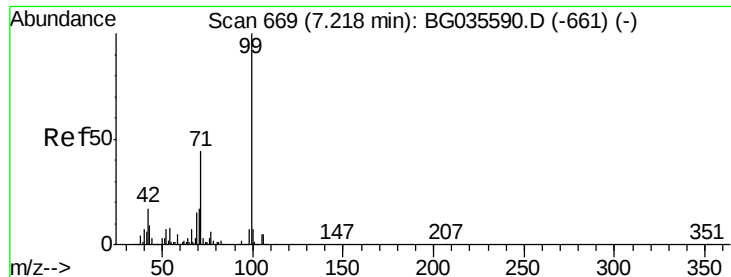
66 37.7 33.7 50.5

65 18.8 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: 118.541 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

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ClientSampleId :

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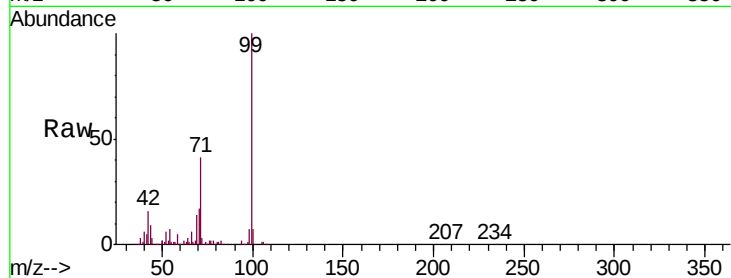
Tgt Ion: 99 Resp: 354546

Ion Ratio Lower Upper

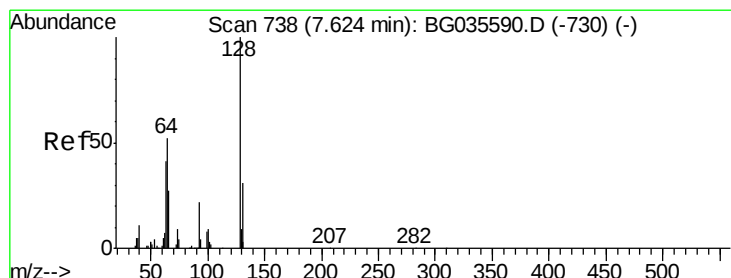
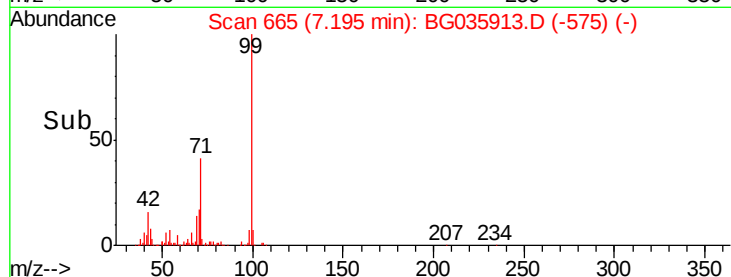
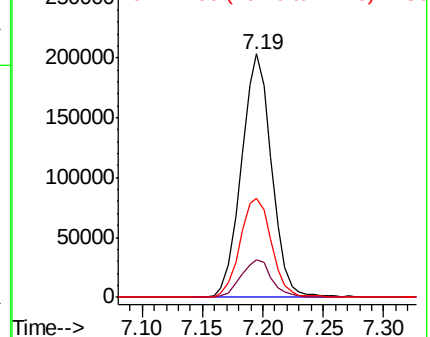
99 100

42 15.6 14.1 21.1

71 40.7 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.386 ng

RT: 7.59 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

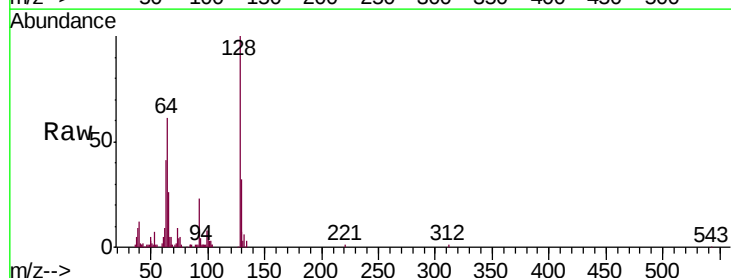
Tgt Ion: 128 Resp: 80301

Ion Ratio Lower Upper

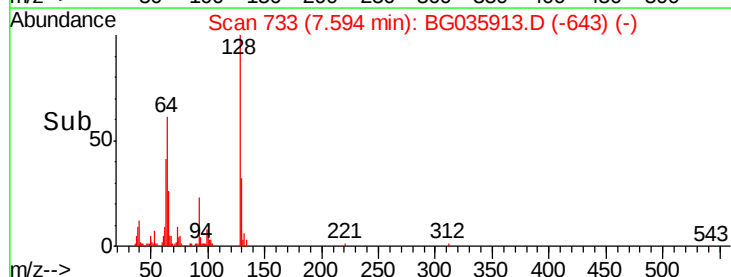
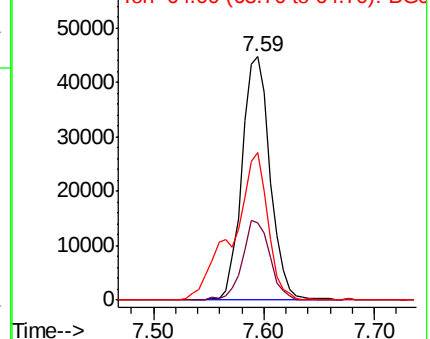
128 100

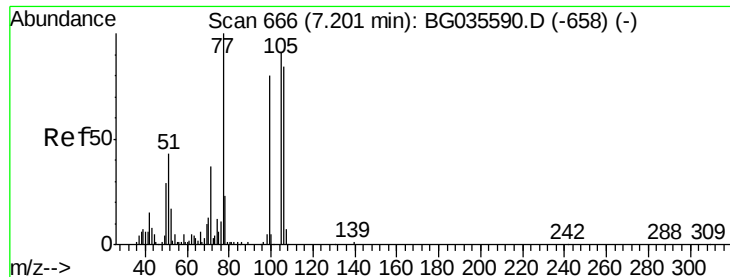
130 31.7 14.0 54.0

64 60.7 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: 30.867 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

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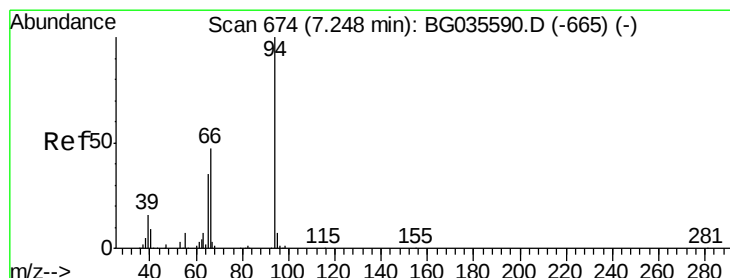
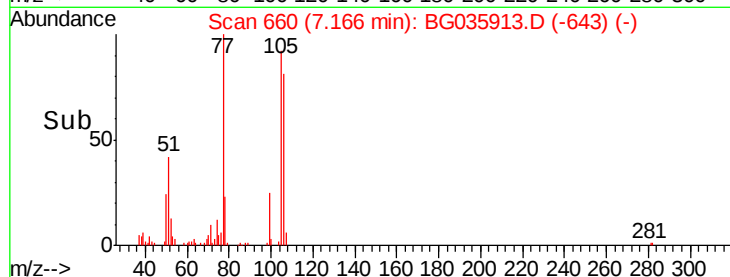
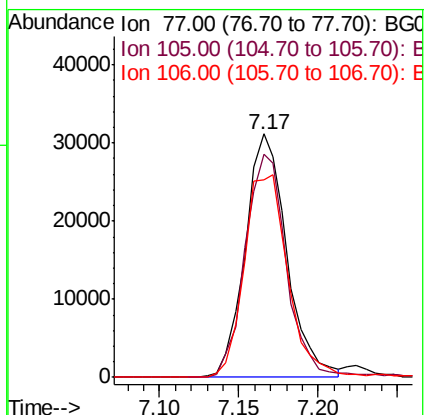
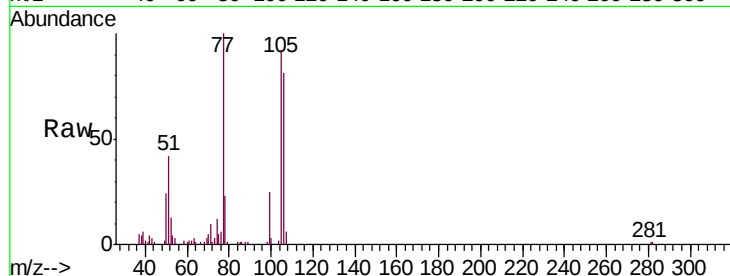
Tgt Ion: 77 Resp: 56647

Ion Ratio Lower Upper

77 100

105 91.5 71.3 111.3

106 81.4 64.2 104.2



#10

Phenol

Concen: 40.326 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

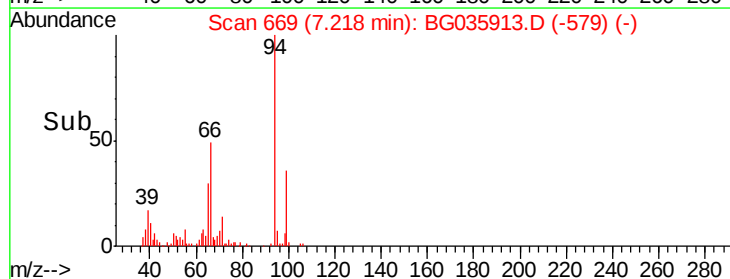
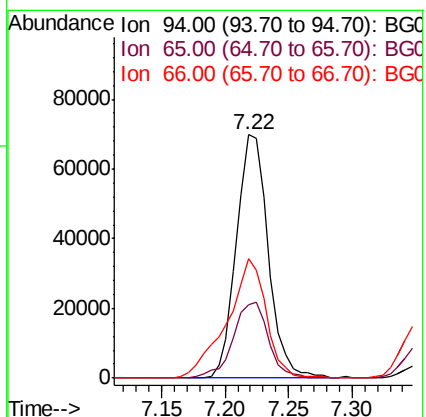
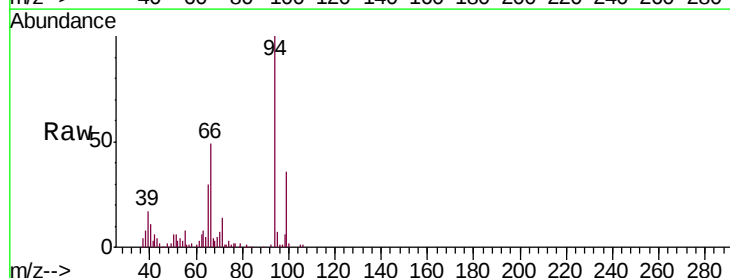
Tgt Ion: 94 Resp: 121853

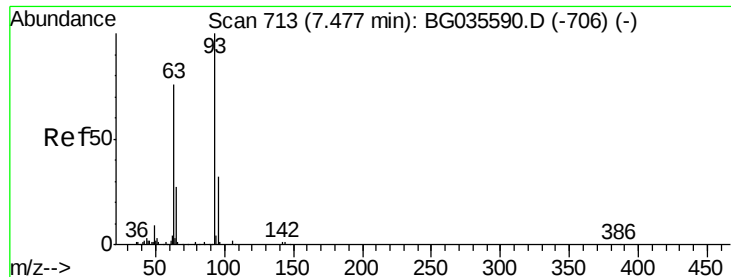
Ion Ratio Lower Upper

94 100

65 30.3 11.9 51.9

66 49.3 22.2 62.2

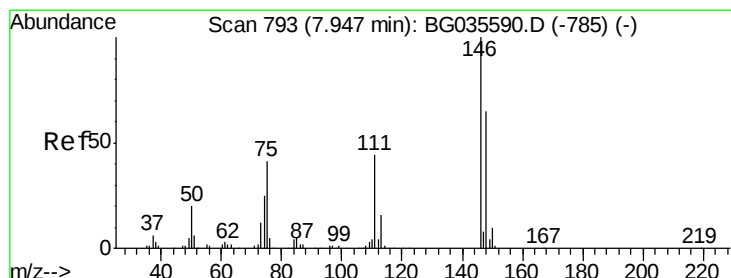
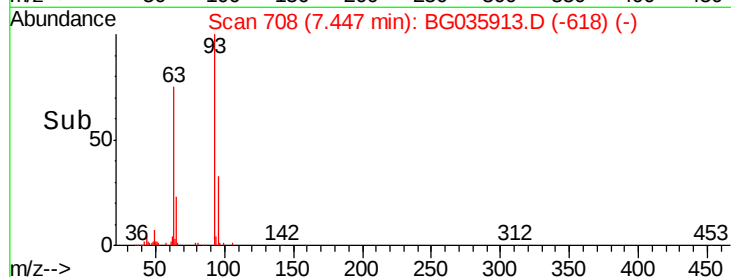
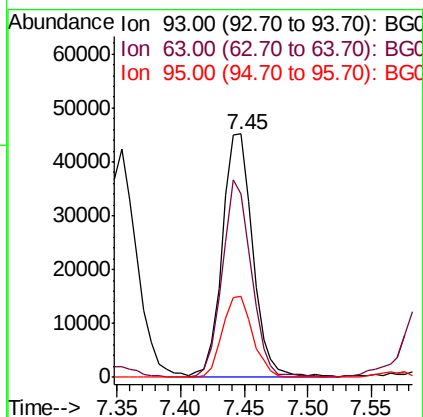
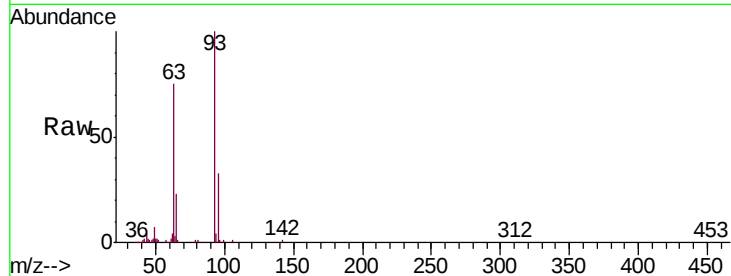




#11
bis(2-Chloroethyl)ether
Concen: 31.956 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

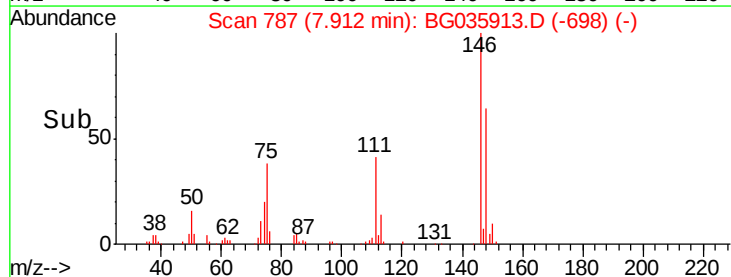
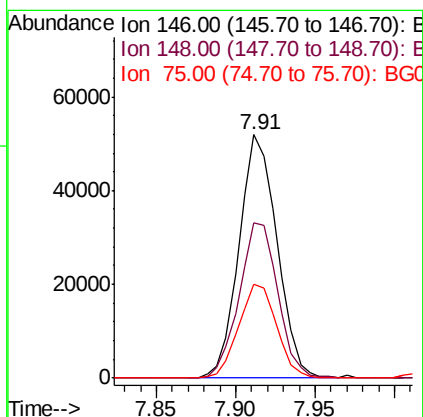
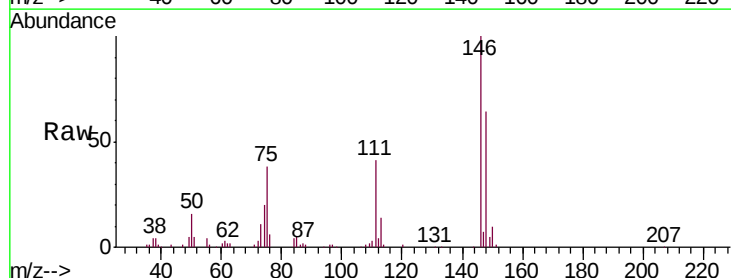
Instrument :
BNA_G
ClientSampleId :
PB111441BS

Tgt Ion: 93 Resp: 75621
Ion Ratio Lower Upper
93 100
63 75.3 67.1 107.1
95 33.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 35.119 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.01 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion: 146 Resp: 86467
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
75 38.3 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 34.759 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

BNA_G

ClientSampleId :

PB111441BS

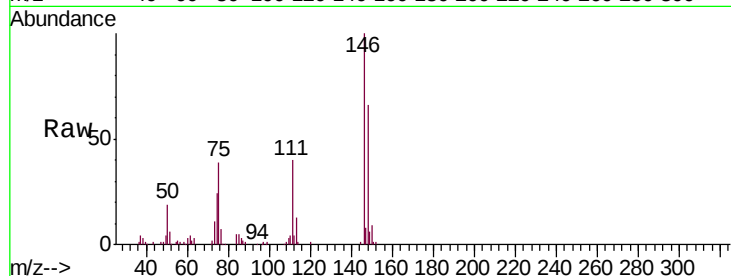
Tgt Ion:146 Resp: 86953

Ion Ratio Lower Upper

146 100

148 66.3 53.7 80.5

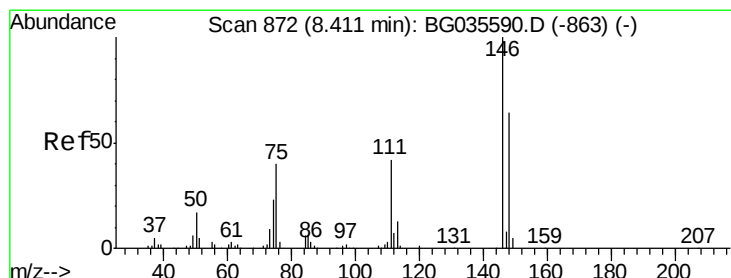
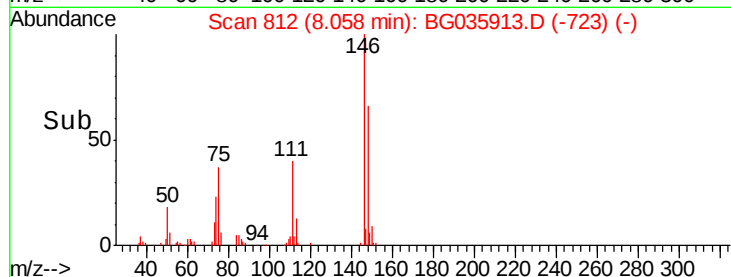
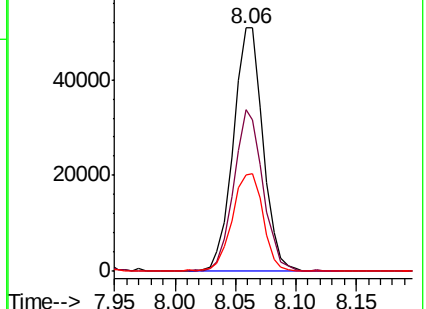
111 39.5 35.2 52.8



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: 35.711 ng

RT: 8.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

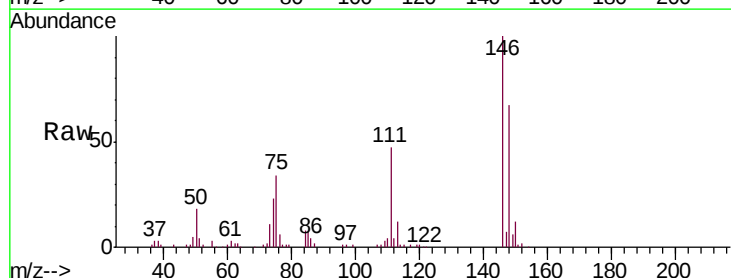
Tgt Ion:146 Resp: 85820

Ion Ratio Lower Upper

146 100

148 67.1 49.3 73.9

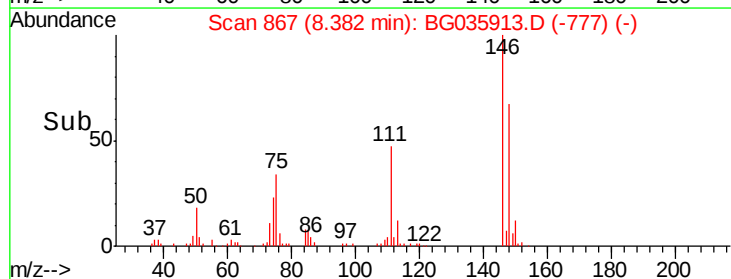
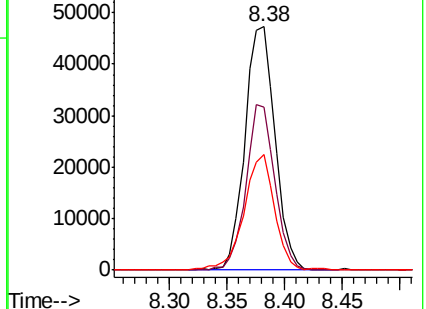
111 47.4 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.399 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

BNA_G

ClientSampleId :

PB111441BS

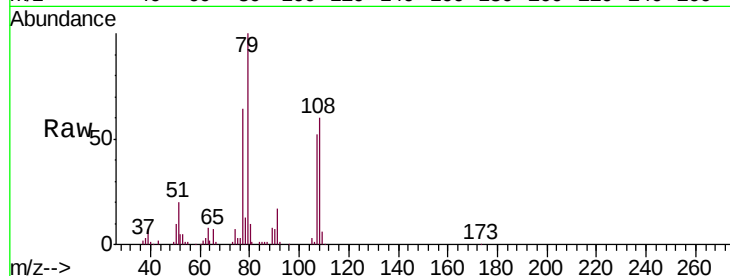
Tgt Ion: 79 Resp: 90714

Ion Ratio Lower Upper

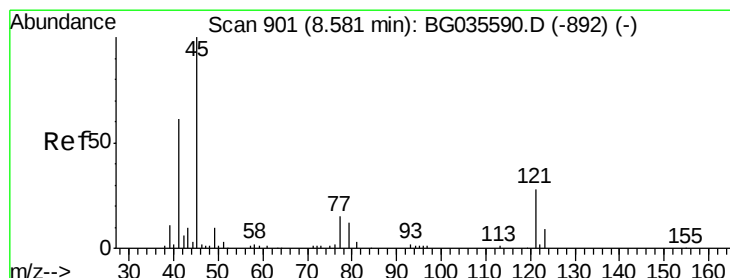
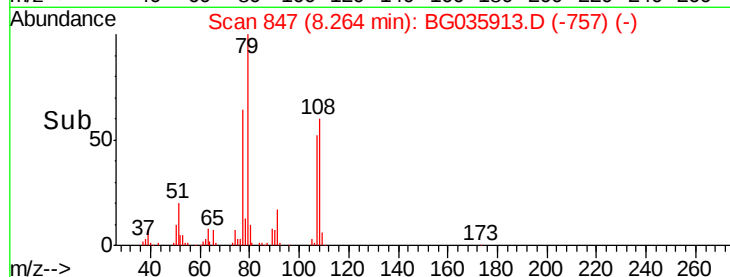
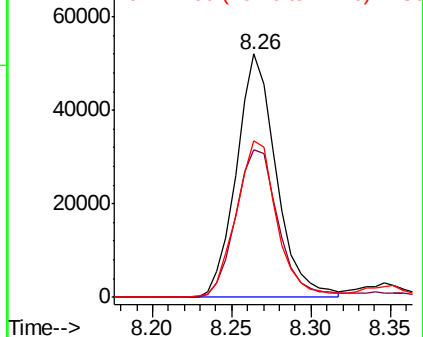
79 100

108 60.4 57.2 85.8

77 64.5 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: 44.788 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

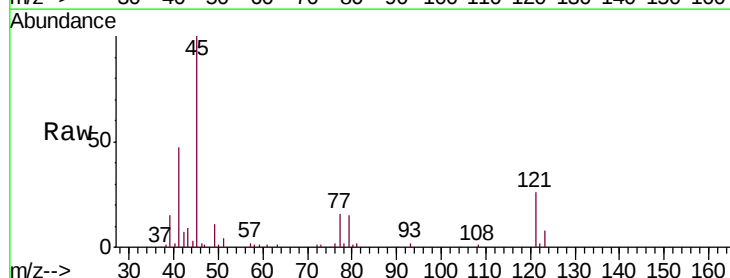
Tgt Ion: 45 Resp: 88858

Ion Ratio Lower Upper

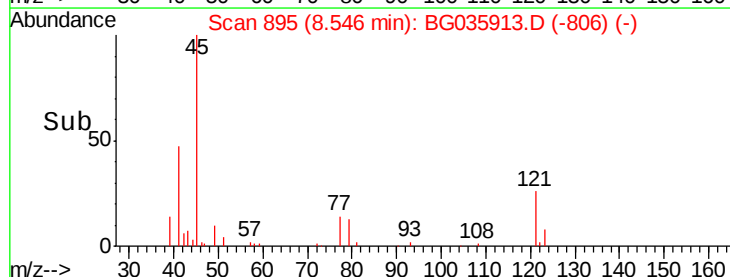
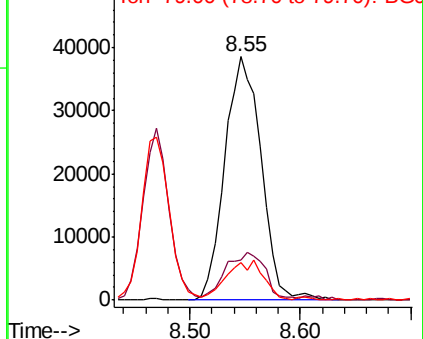
45 100

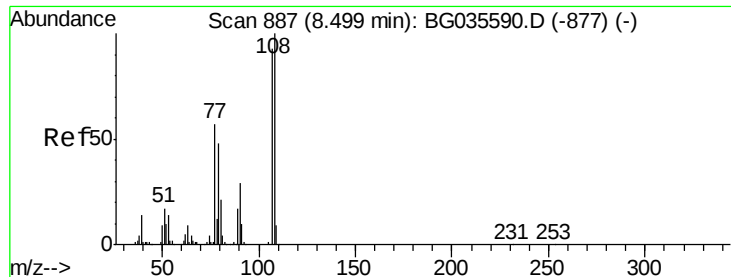
77 16.5 0.0 30.2

79 15.5 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

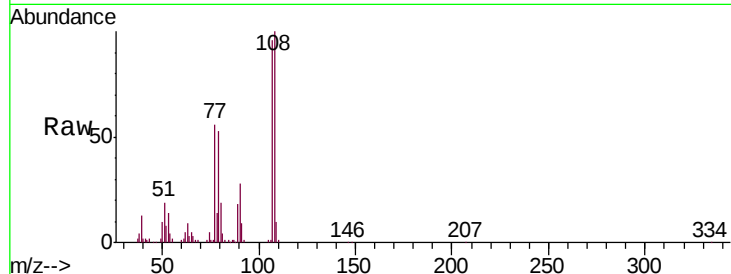




#17
2-Methylphenol
Concen: 38.857 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Instrument :
BNA_G
ClientSampleId :
PB111441BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	104.1	83.9	125.9
77	58.7	37.2	55.8#
79	55.7	36.2	54.2#



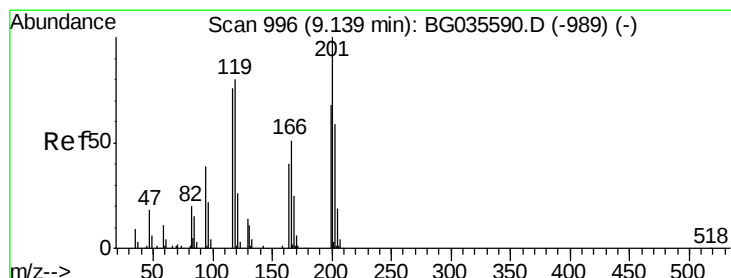
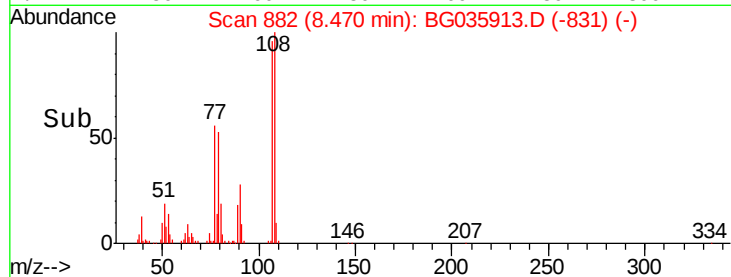
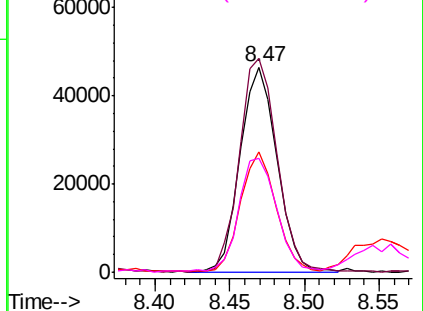
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

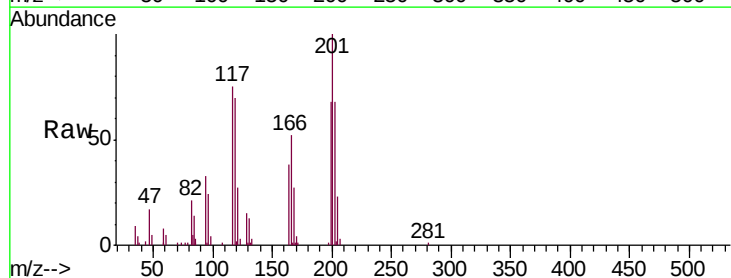
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 33.961 ng
RT: 9.10 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.7	115.1
201	133.8	95.7	143.5

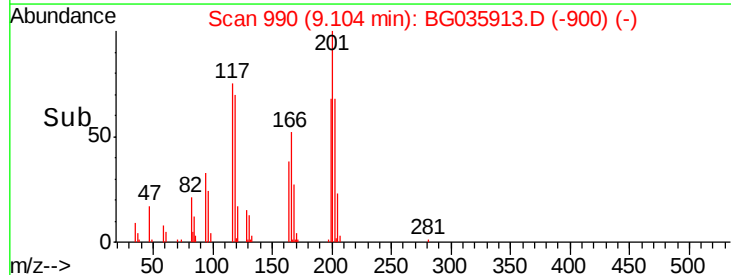
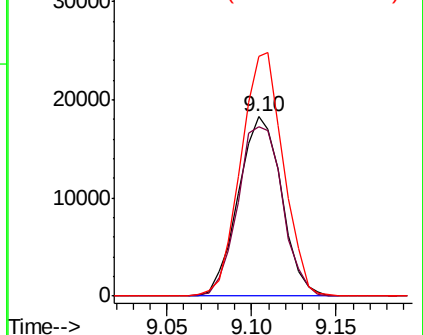


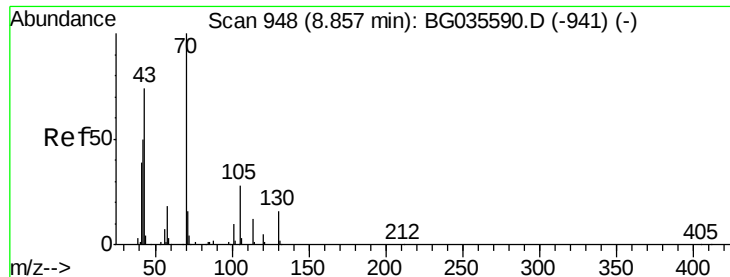
Abundance

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

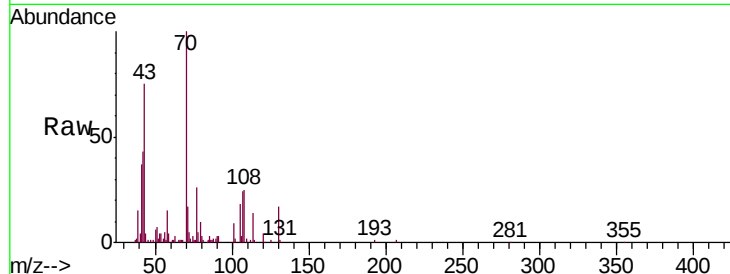




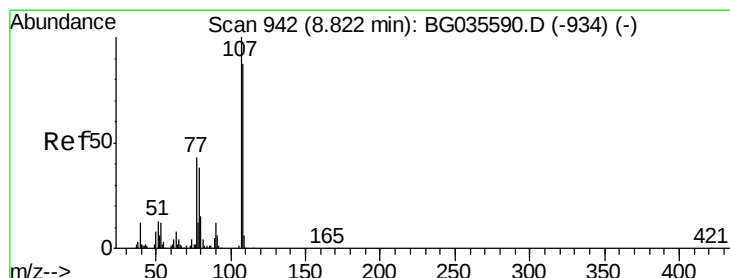
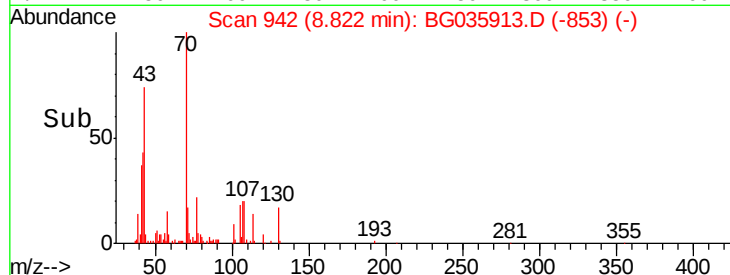
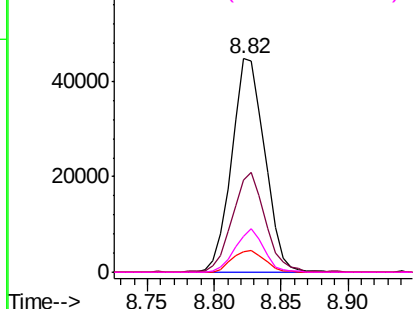
#19
n-Nitroso-di-n-propylamine
Concen: 30.503 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Instrument :
BNA_G
ClientSampleId :
PB111441BS

Tgt Ion:	70	Resp:	76825
Ion	Ratio	Lower	Upper
70	100		
42	43.1	49.1	73.7#
101	9.4	8.5	12.7
130	17.0	13.4	20.0

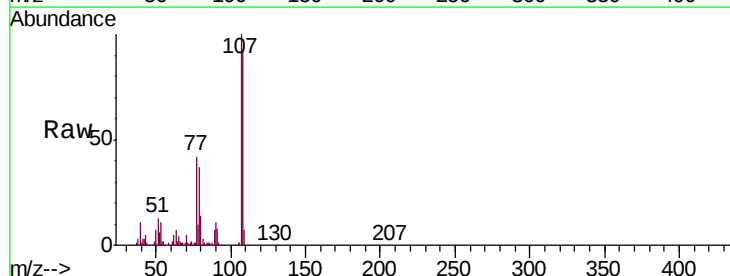


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

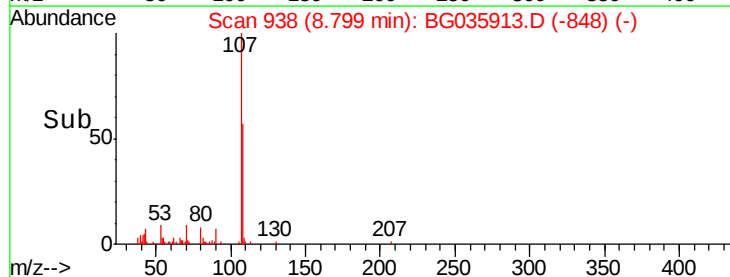
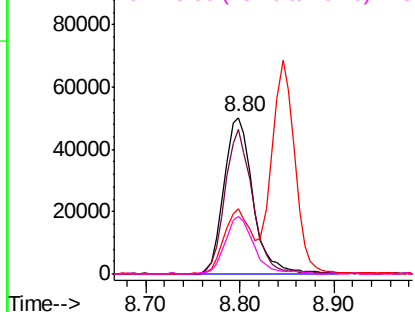


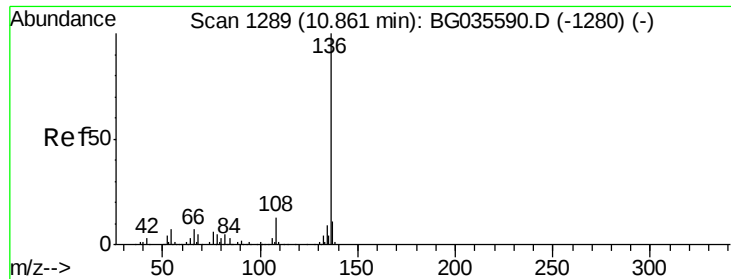
#20
3+4-Methylphenols
Concen: 37.841 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion:	107	Resp:	107852
Ion	Ratio	Lower	Upper
107	100		
108	92.4	61.6	101.6
77	41.6	13.9	53.9
79	36.6	8.8	48.8



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

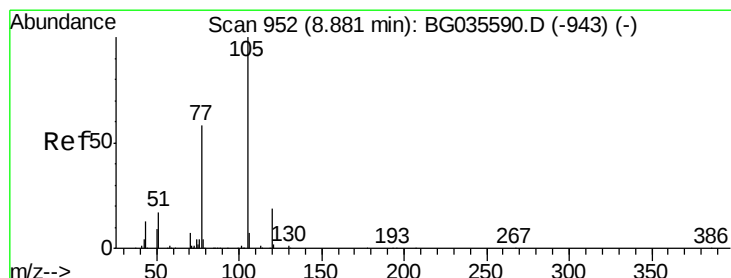
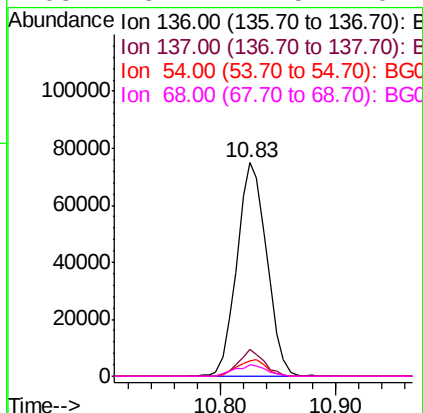
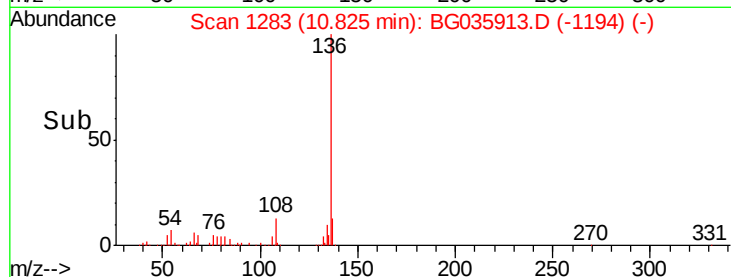
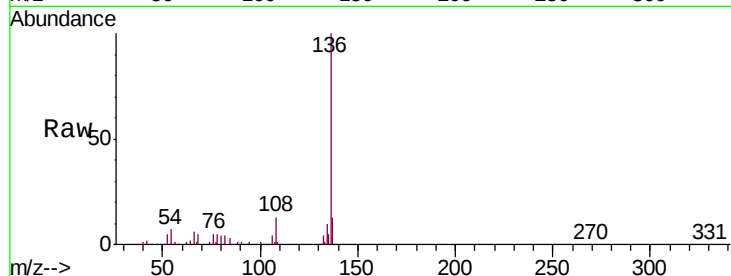




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

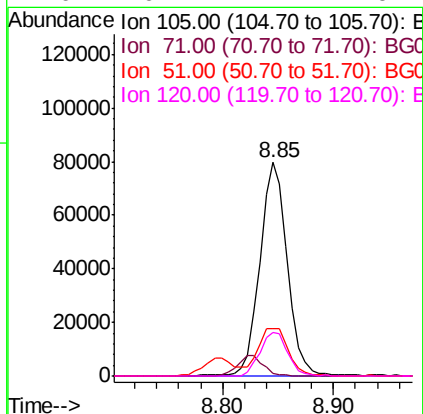
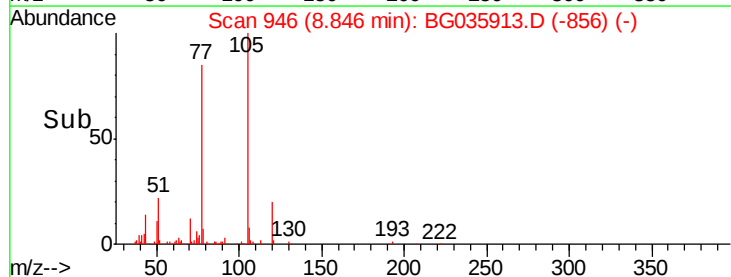
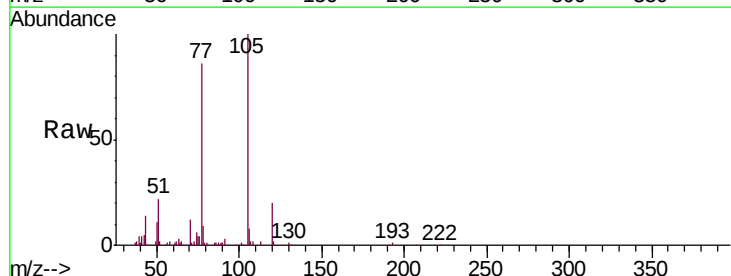
Instrument :
BNA_G
ClientSampleId :
PB111441BS

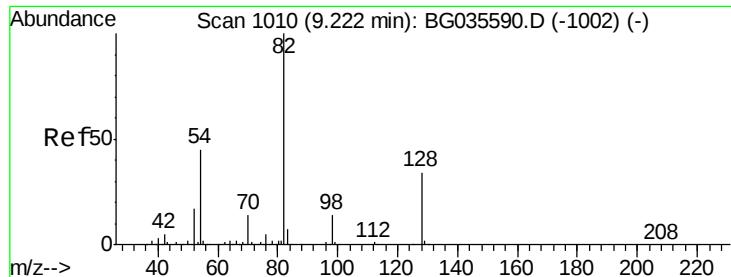
Tgt Ion:	136	Resp:	133933
Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.2	13.8
54	7.1	10.3	15.5#
68	5.1	4.5	6.7



#22
Acetophenone
Concen: 33.318 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion:	105	Resp:	138766
Ion	Ratio	Lower	Upper
105	100		
71	1.4	3.0	4.4#
51	22.1	26.1	39.1#
120	20.4	17.4	26.2

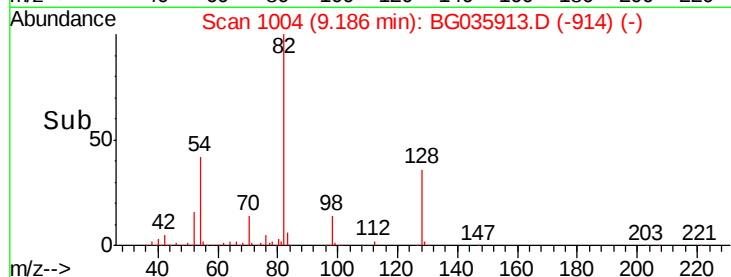
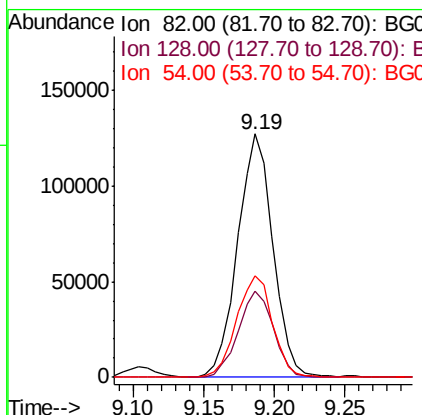
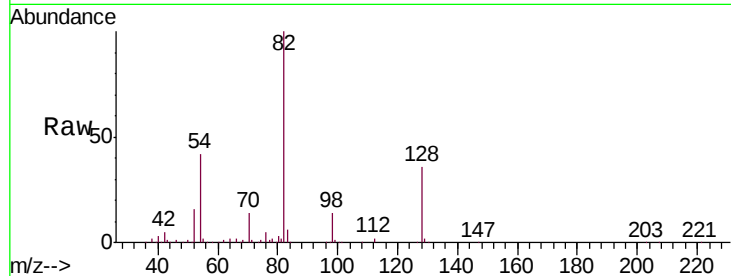




#23
 Nitrobenzene-d5
 Concen: 69.529 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

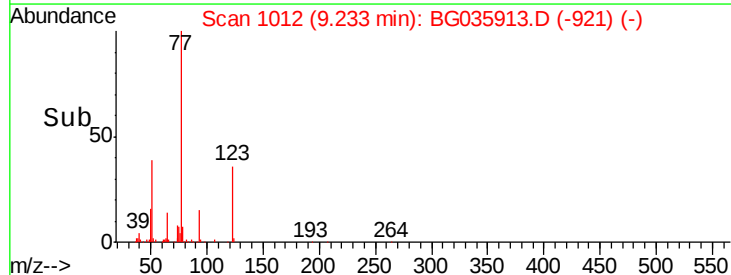
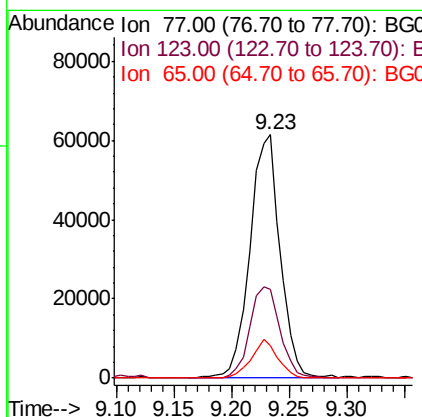
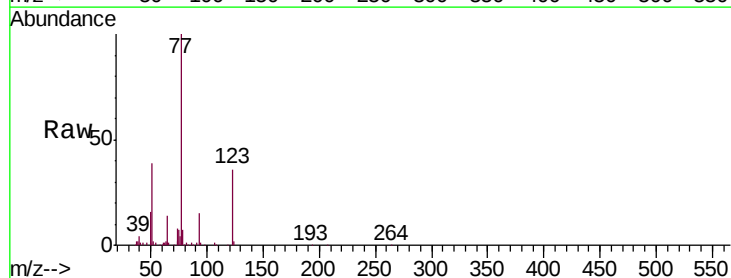
Instrument :
 BNA_G
 ClientSampleId :
 PB111441BS

Tgt Ion: 82 Resp: 222916
 Ion Ratio Lower Upper
 82 100
 128 35.5 29.7 44.5
 54 41.9 43.1 64.7#



#24
 Nitrobenzene
 Concen: 34.764 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Tgt Ion: 77 Resp: 112090
 Ion Ratio Lower Upper
 77 100
 123 36.3 33.0 49.6
 65 13.5 13.0 19.6

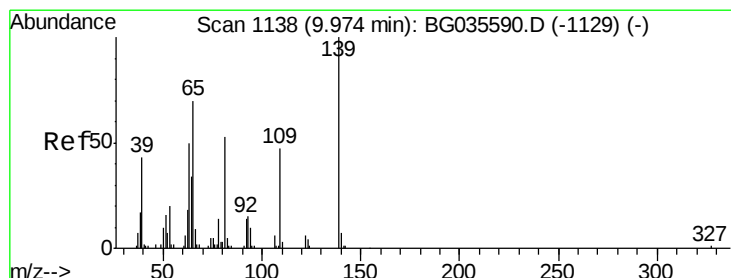
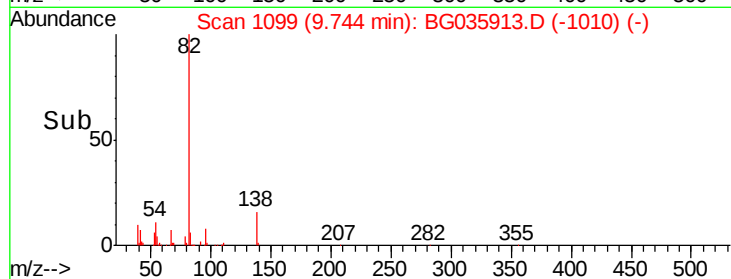
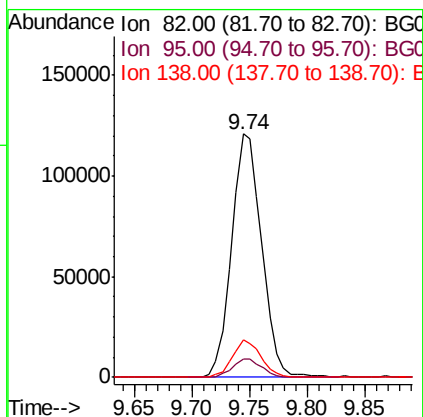
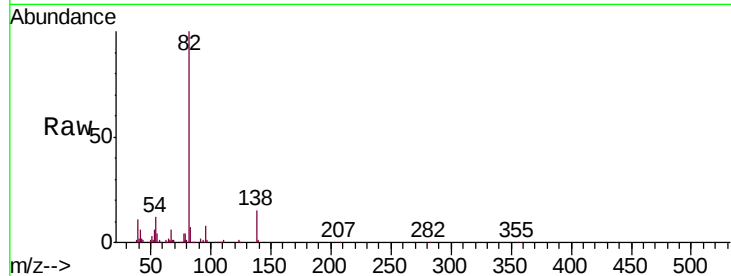




#25
Isophorone
Concen: 36.608 ng
RT: 9.74 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

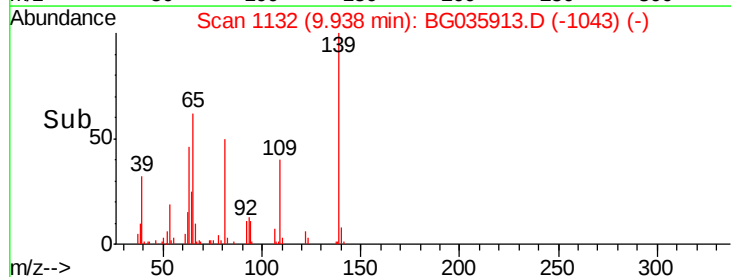
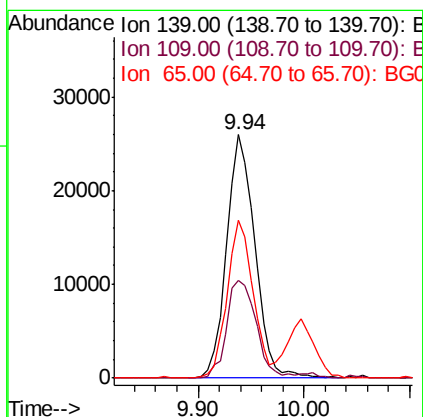
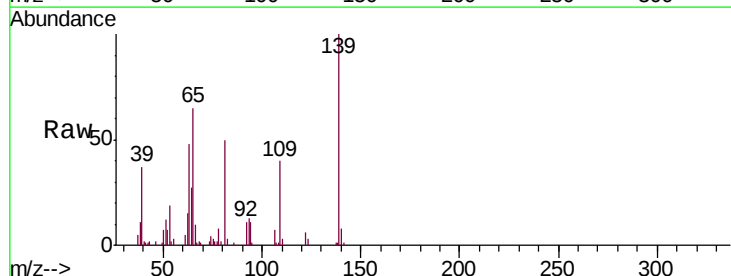
Instrument :
BNA_G
ClientSampleId :
PB111441BS

Tgt Ion: 82 Resp: 217876
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 15.3 12.1 18.1



#26
2-Nitrophenol
Concen: 41.930 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion: 139 Resp: 48015
Ion Ratio Lower Upper
139 100
109 40.0 24.2 36.2#
65 65.1 47.4 71.0

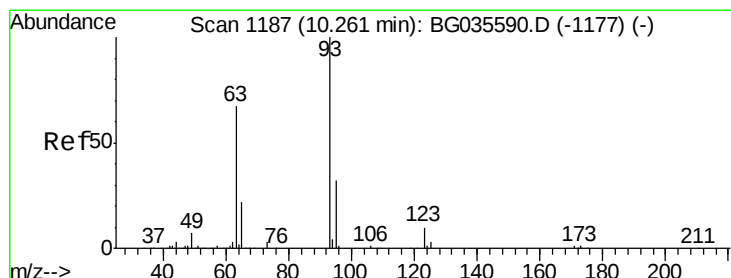
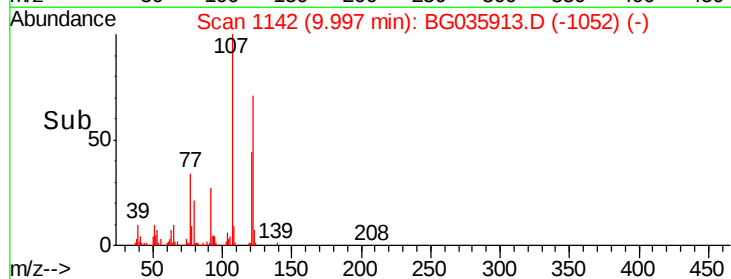
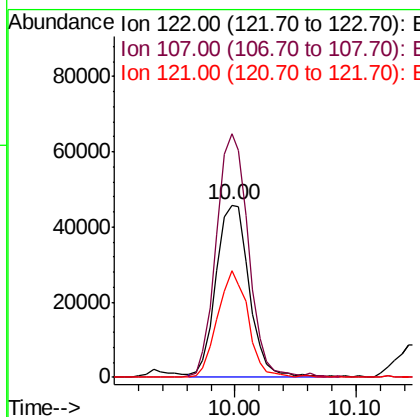
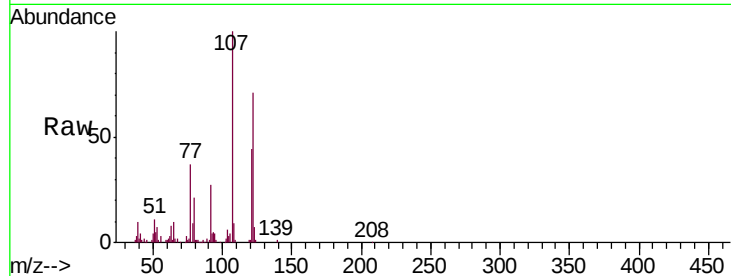




#27
 2,4-Dimethylphenol
 Concen: 44.601 ng
 RT: 10.00 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

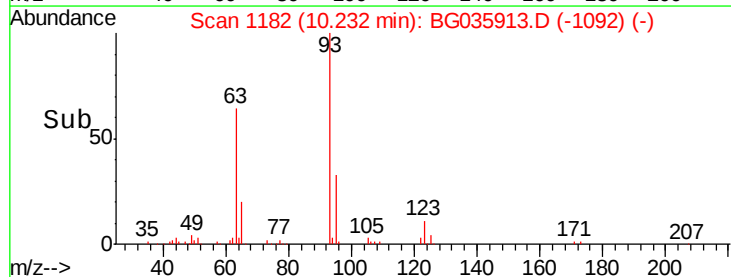
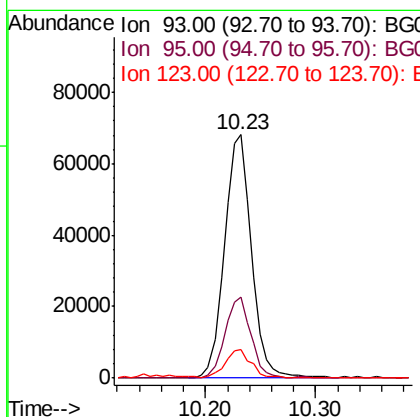
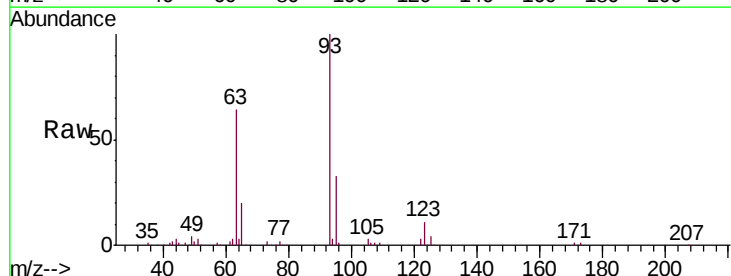
Instrument :
 BNA_G
 ClientSampleId :
 PB111441BS

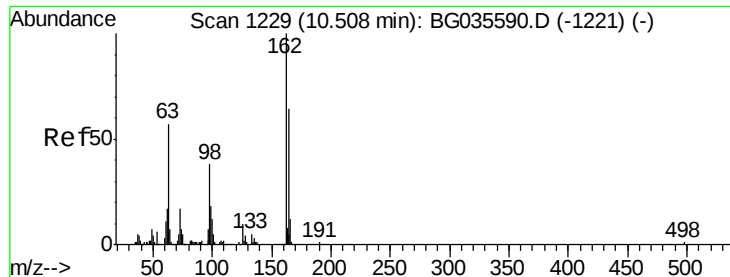
Tgt Ion:122 Resp: 86454
 Ion Ratio Lower Upper
 122 100
 107 141.2 100.2 150.2
 121 61.7 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.479 ng
 RT: 10.23 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Tgt Ion: 93 Resp: 116352
 Ion Ratio Lower Upper
 93 100
 95 33.0 24.3 36.5
 123 11.5 8.4 12.6

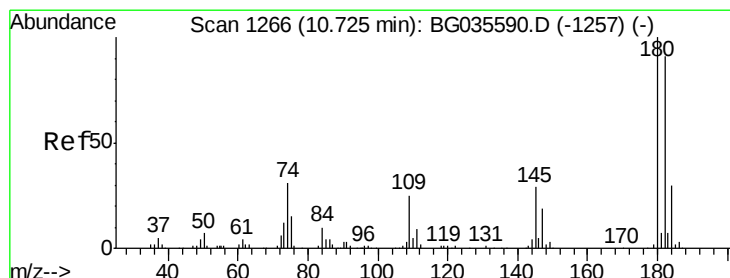
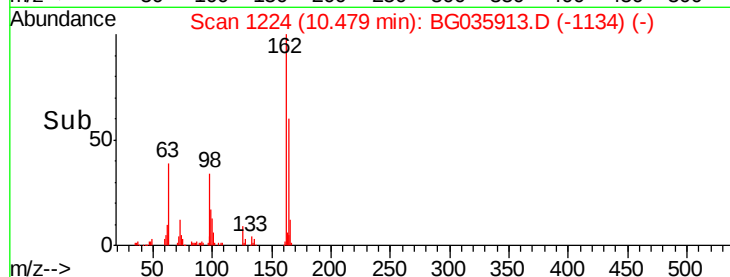
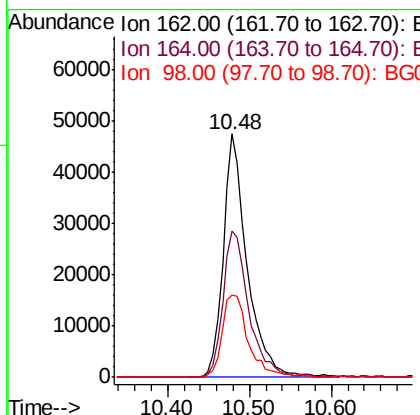
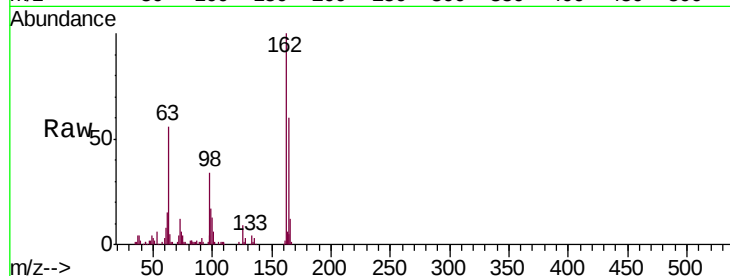




#29
 2,4-Dichlorophenol
 Concen: 43.363 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

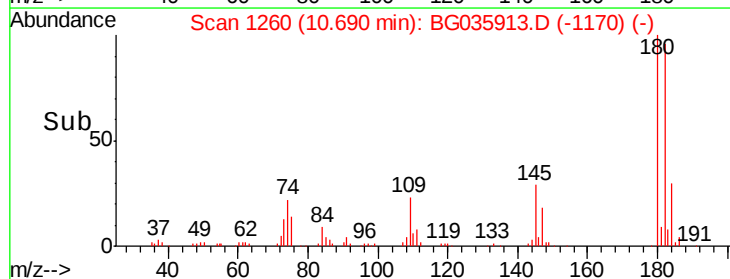
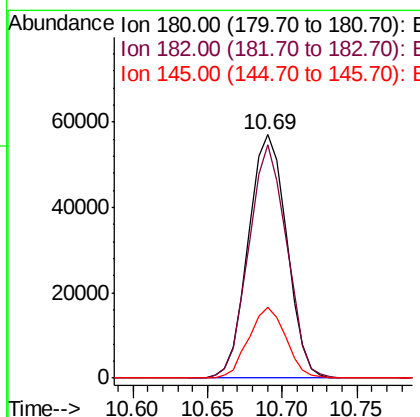
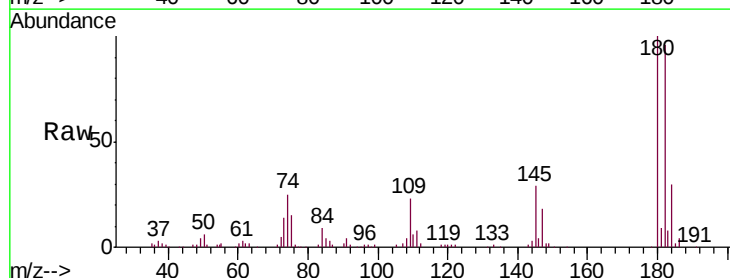
Instrument :
 BNA_G
 ClientSampleId :
 PB111441BS

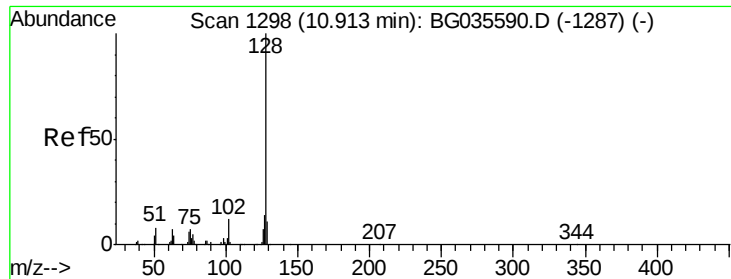
Tgt Ion:162 Resp: 95948
 Ion Ratio Lower Upper
 162 100
 164 60.2 48.0 88.0
 98 33.7 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.415 ng
 RT: 10.69 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Tgt Ion:180 Resp: 101515
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.5 116.3
 145 29.1 23.4 35.2

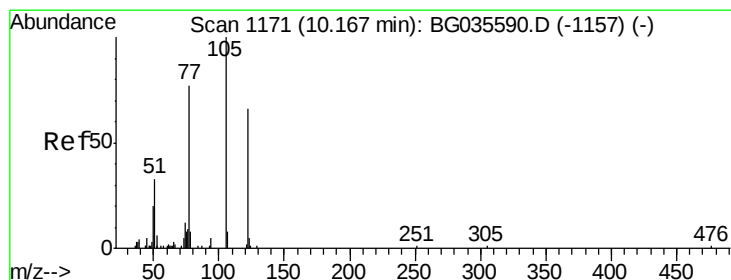
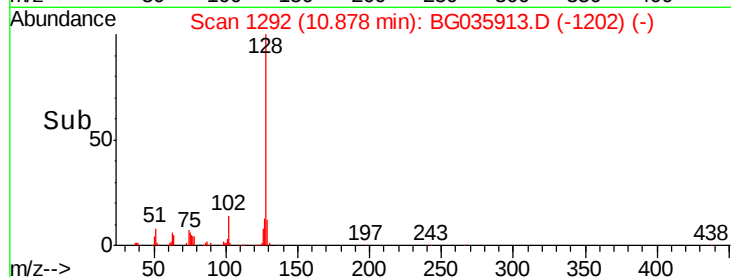
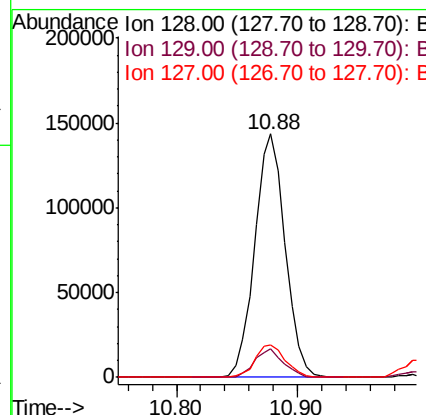
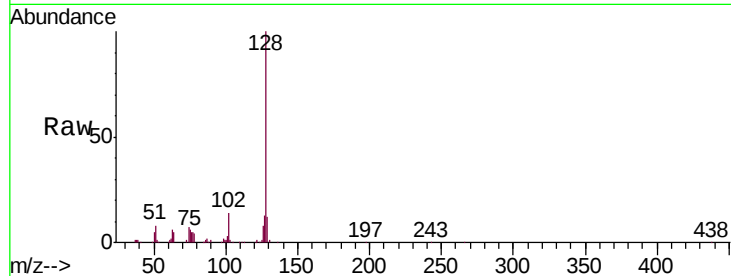




#31
Naphthalene
Concen: 36.192 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

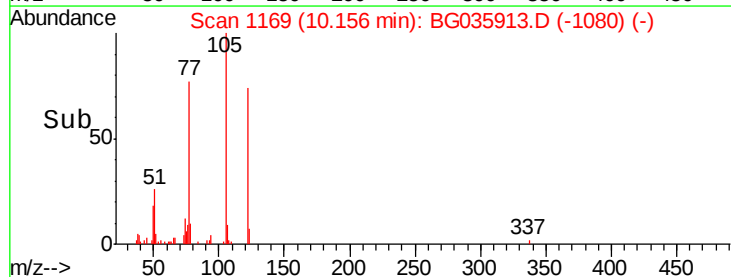
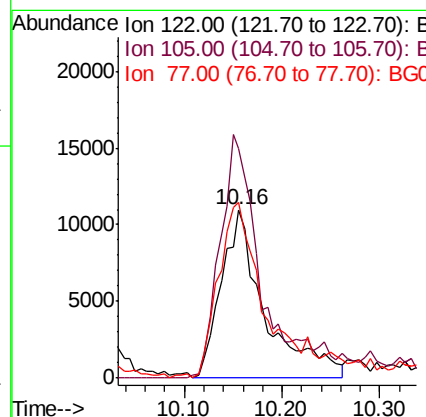
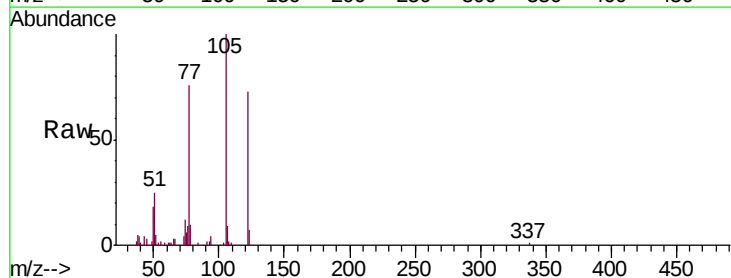
Instrument :
BNA_G
ClientSampleId :
PB111441BS

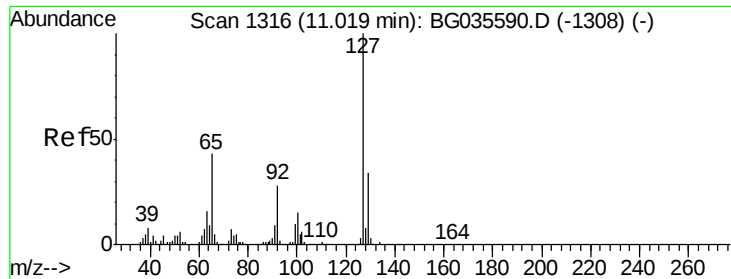
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	13.2	11.6	17.4



#32
Benzoic acid
Concen: 26.135 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.3	123.5	163.5
77	104.2	85.7	125.7

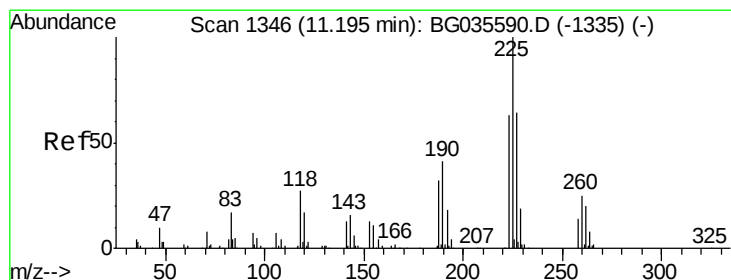
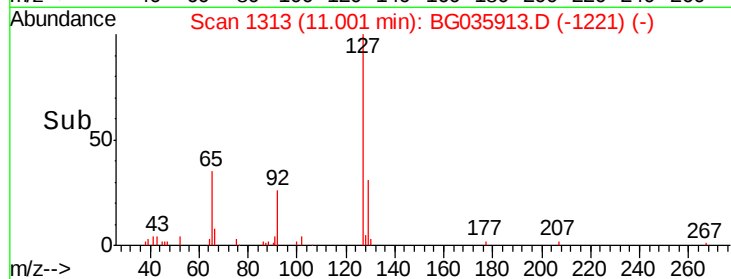
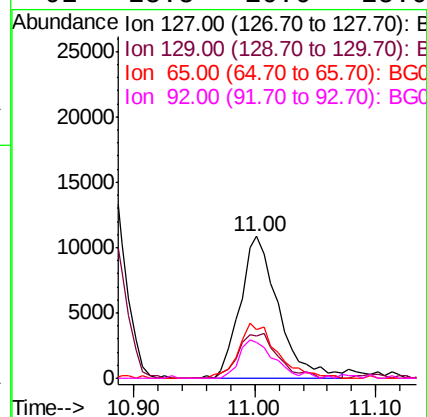
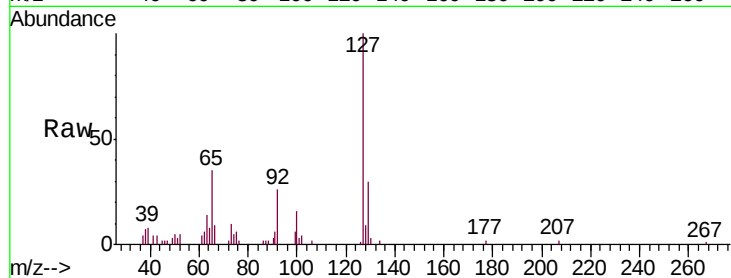




#33
4-Chloroaniline
Concen: 7.859 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

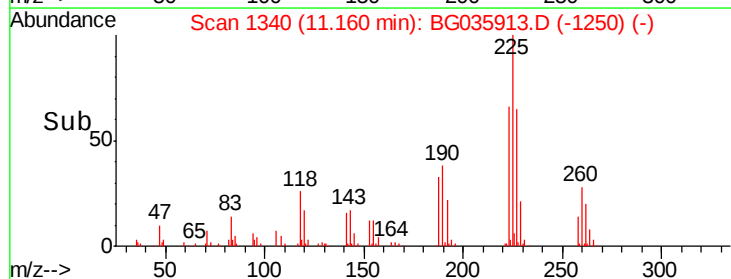
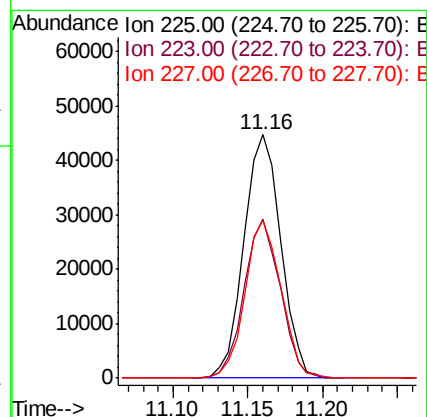
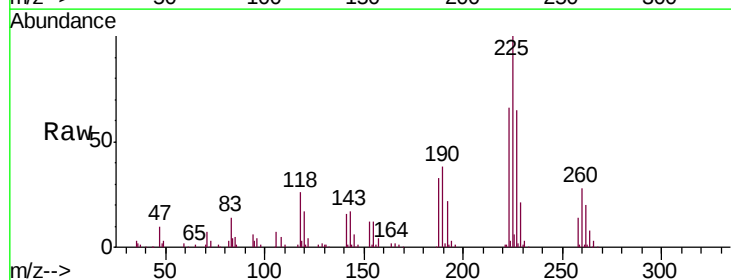
Instrument :
BNA_G
ClientSampleId :
PB111441BS

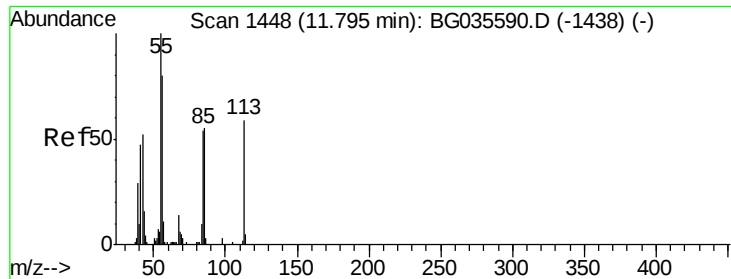
Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.1	24.0	36.0
65	34.6	27.0	40.4
92	25.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 36.160 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	49.7	74.5
227	64.6	48.1	72.1





#35

Caprolactam

Concen: 21.195 ng

RT: 11.77 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

BNA_G

ClientSampleId :

PB111441BS

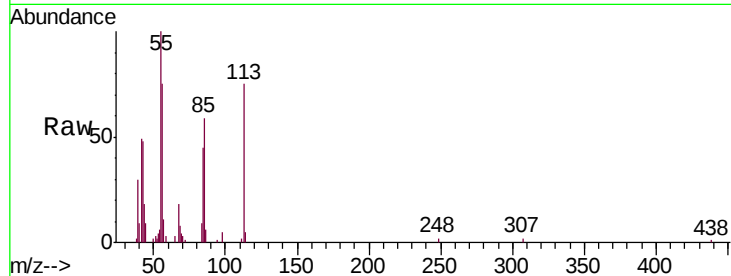
Tgt Ion:113 Resp: 20126

Ion Ratio Lower Upper

113 100

55 134.2 186.9 226.9#

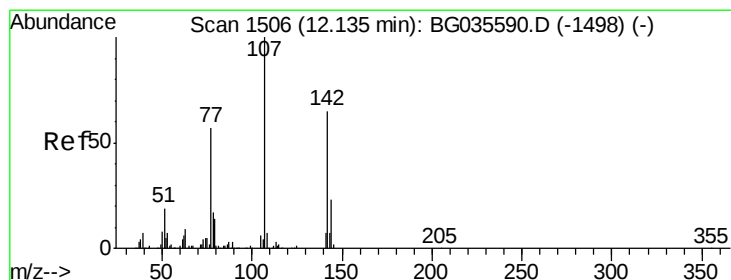
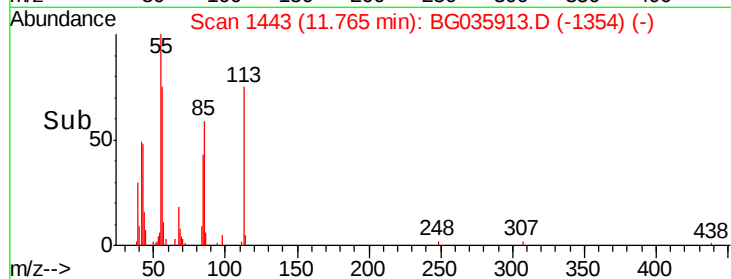
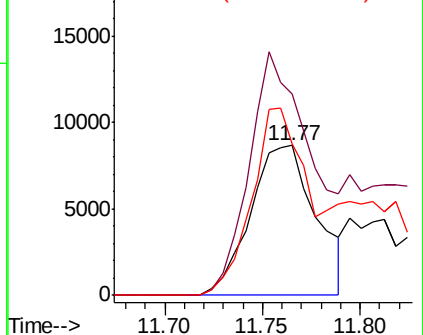
56 101.2 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.654 ng

RT: 12.11 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

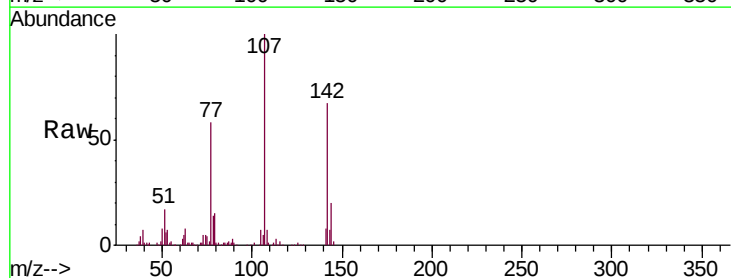
Tgt Ion:107 Resp: 120577

Ion Ratio Lower Upper

107 100

144 19.6 18.2 27.4

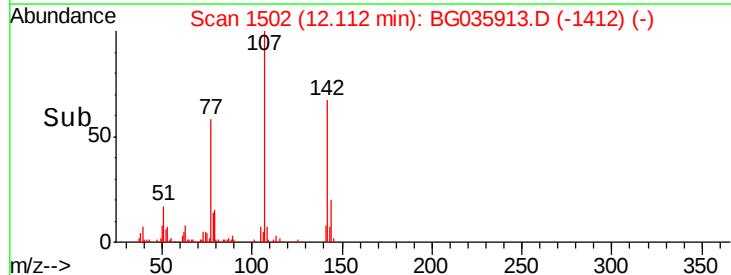
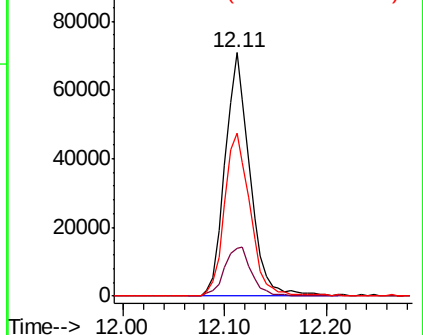
142 66.8 59.0 88.4

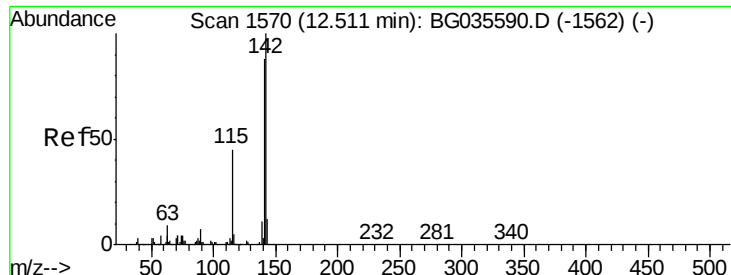


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

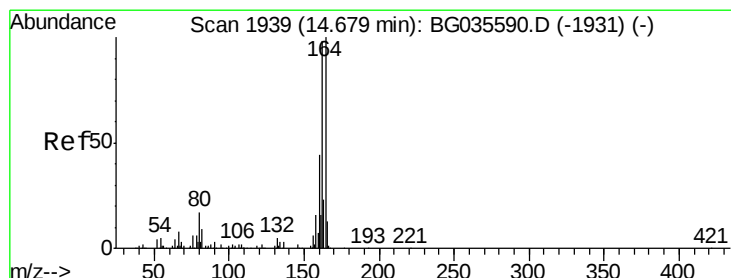
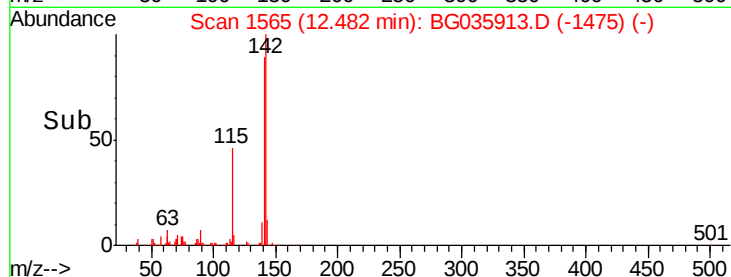
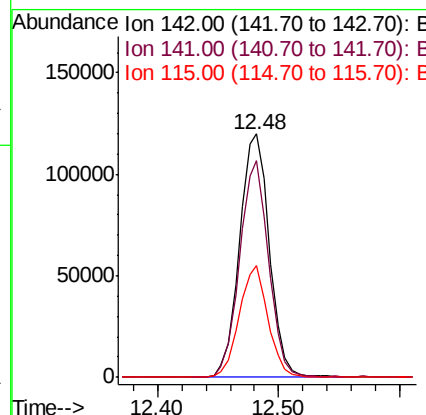
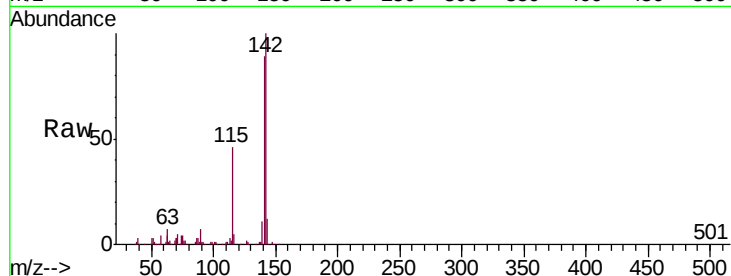




#37
2-Methylnaphthalene
Concen: 39.639 ng
RT: 12.48 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

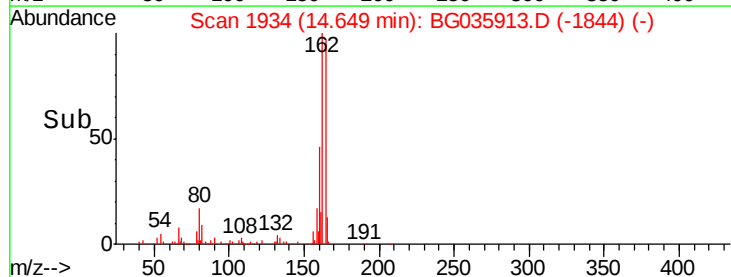
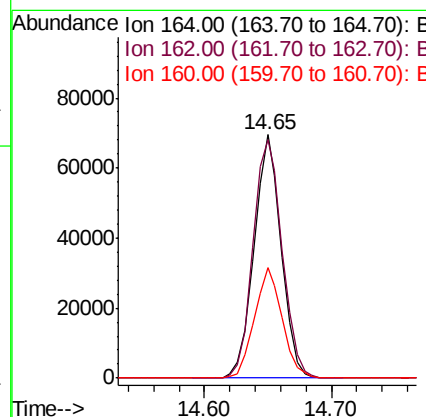
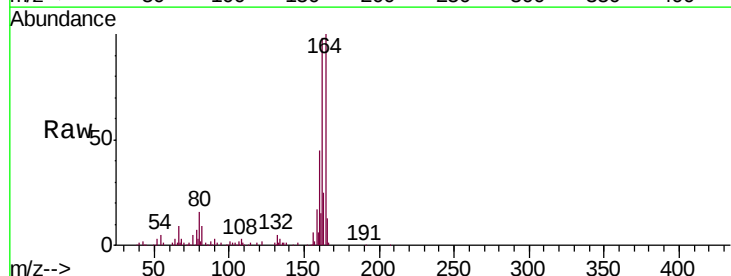
Instrument :
BNA_G
ClientSampleId :
PB111441BS

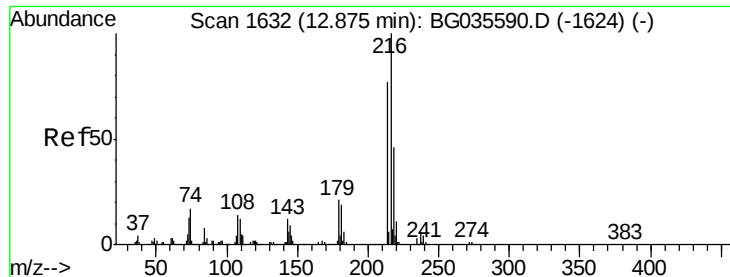
Tgt Ion:142 Resp: 206033
Ion Ratio Lower Upper
142 100
141 88.8 67.1 100.7
115 46.0 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion:164 Resp: 103262
Ion Ratio Lower Upper
164 100
162 97.8 78.8 118.2
160 45.5 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.194 ng

RT: 12.85 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

BNA_G

ClientSampleId :

PB111441BS

Tgt Ion:216 Resp: 141066

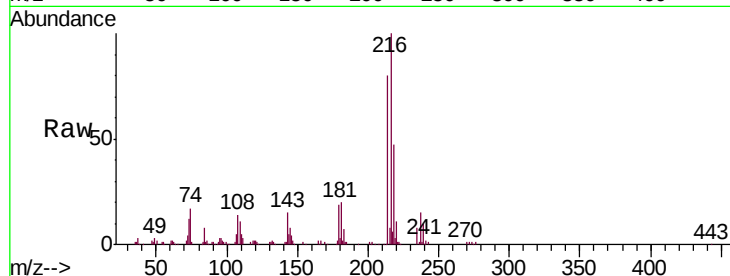
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 19.3 17.0 25.6

108 16.3 12.8 19.2

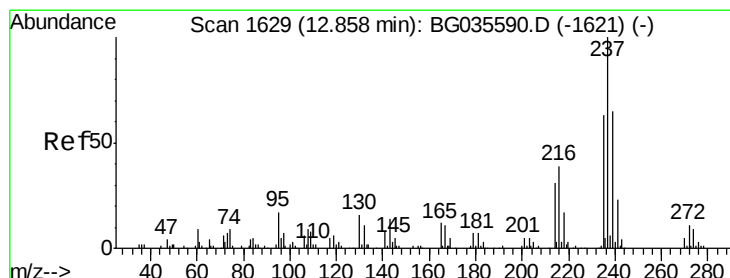
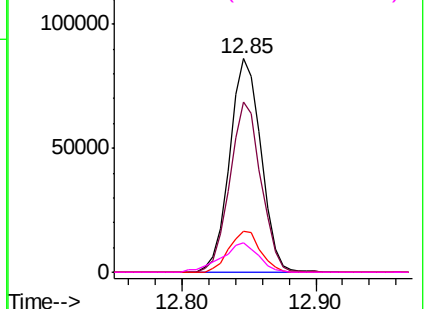
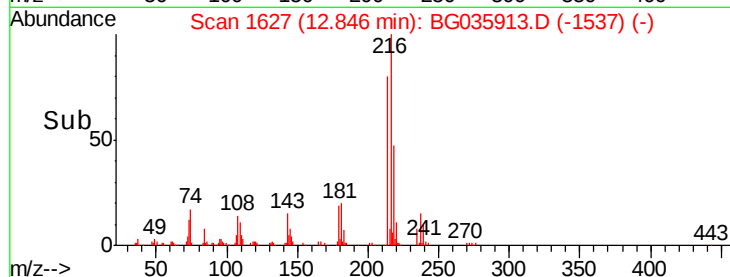


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.557 ng

RT: 12.82 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

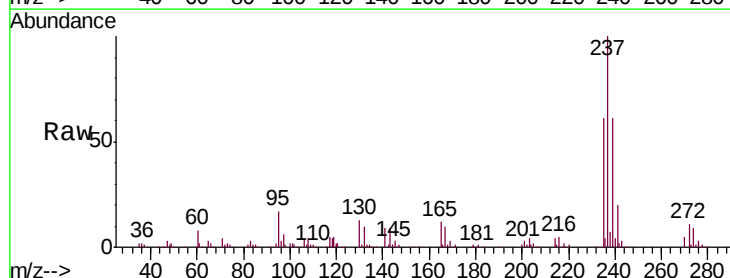
Tgt Ion:237 Resp: 176922

Ion Ratio Lower Upper

237 100

235 60.5 50.4 90.4

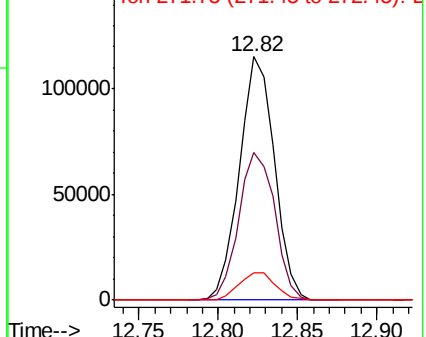
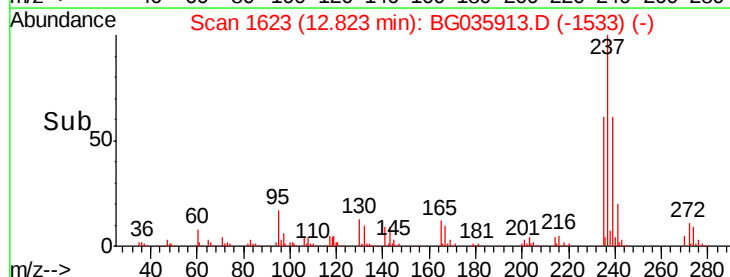
272 11.3 0.0 31.8



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

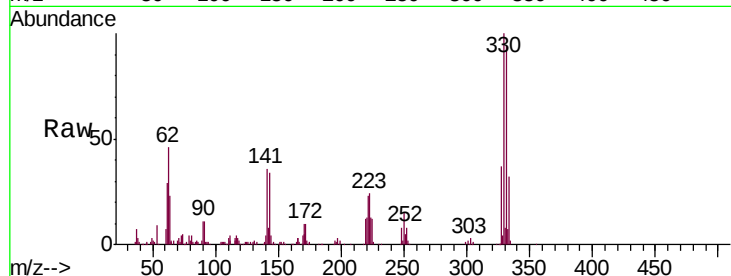




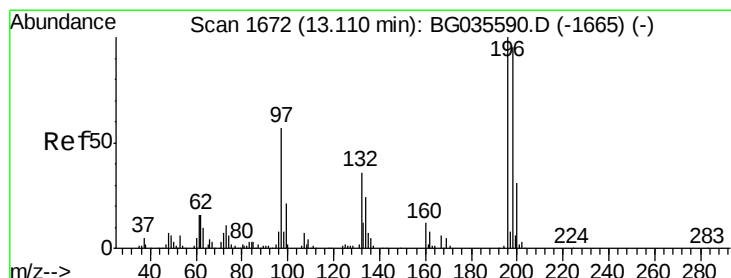
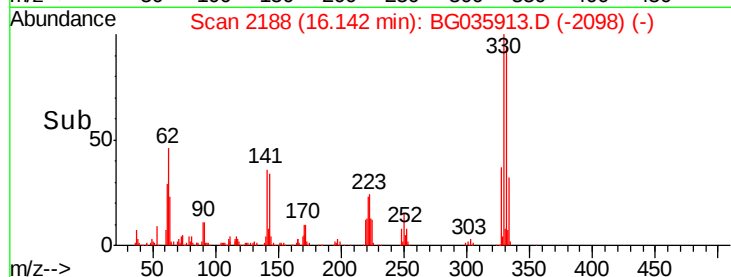
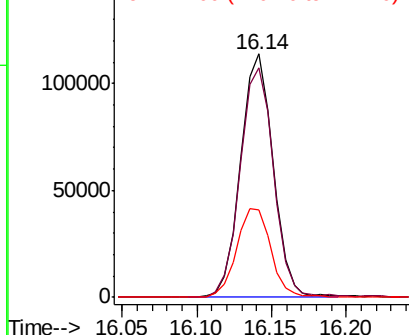
#41
 2,4,6-Tribromophenol
 Concen: 126.296 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Instrument :
 BNA_G
 ClientSampleId :
 PB111441BS

Tgt Ion:330 Resp: 171896
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 38.6 25.2 37.8#

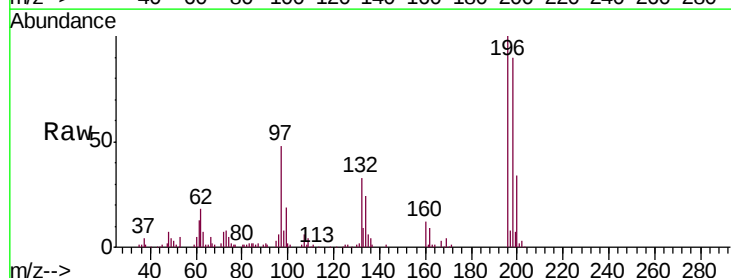


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

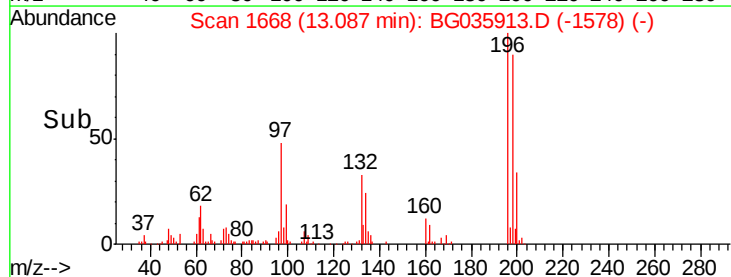
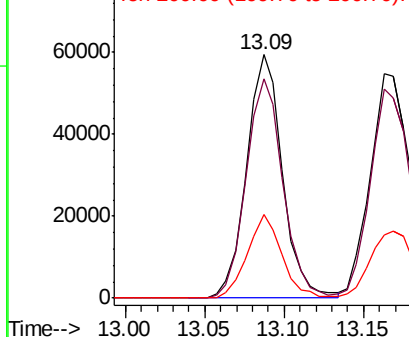


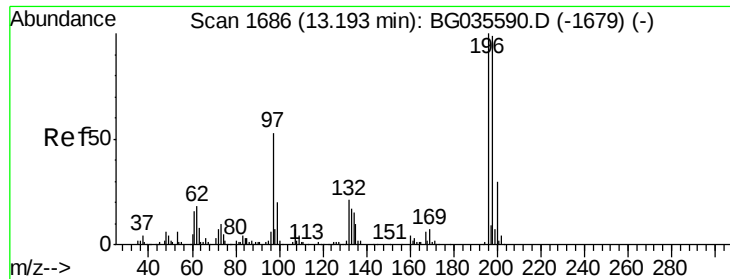
#42
 2,4,6-Trichlorophenol
 Concen: 41.022 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Tgt Ion:196 Resp: 93500
 Ion Ratio Lower Upper
 196 100
 198 90.0 78.2 117.2
 200 34.4 24.6 36.8



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

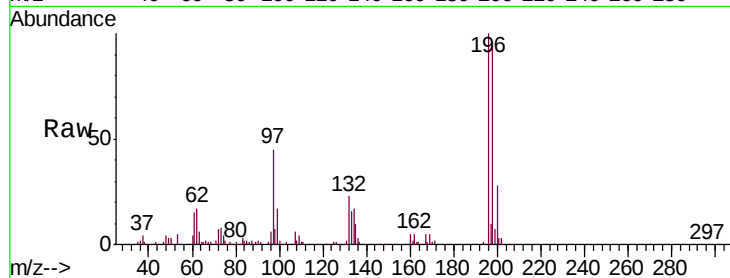




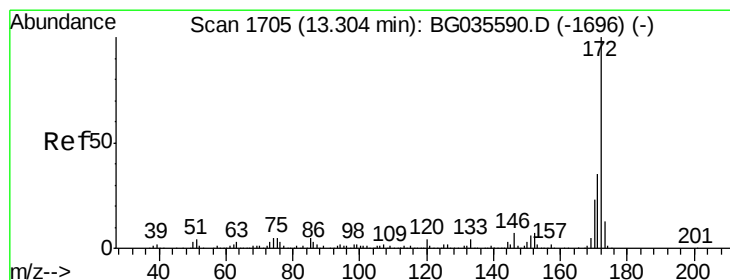
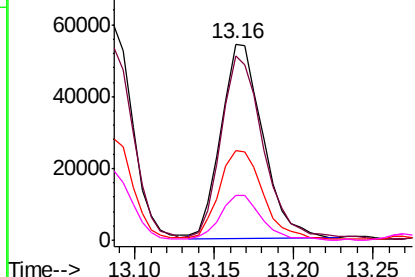
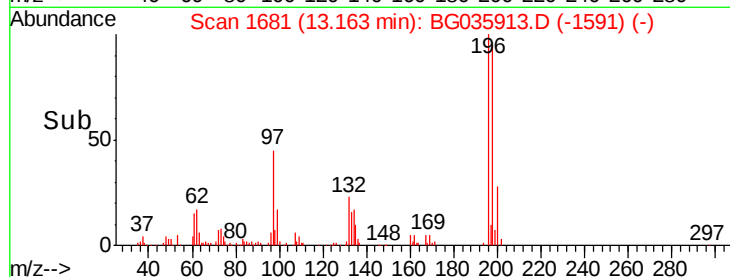
#43
 2,4,5-Trichlorophenol
 Concen: 39.048 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Instrument :
 BNA_G
 ClientSampleId :
 PB111441BS

Tgt Ion:196 Resp: 99563
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.2 114.4
 97 45.4 38.7 58.1
 132 22.7 20.2 30.2

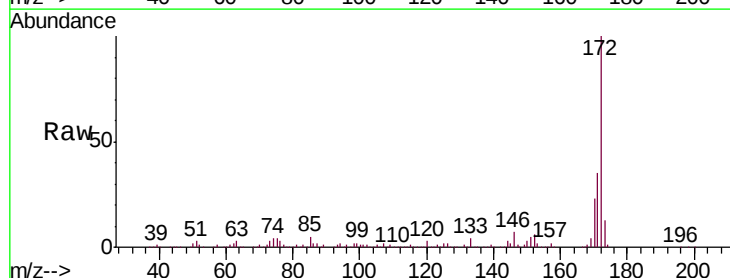


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

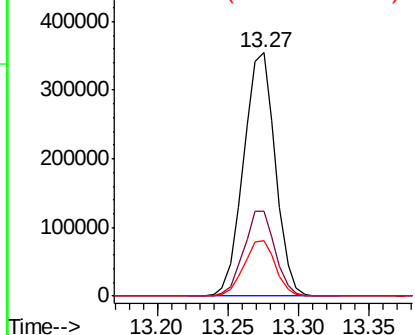
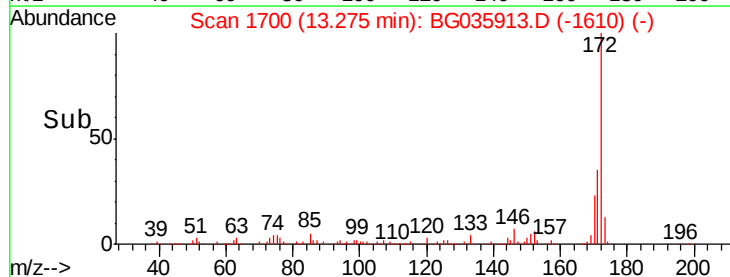


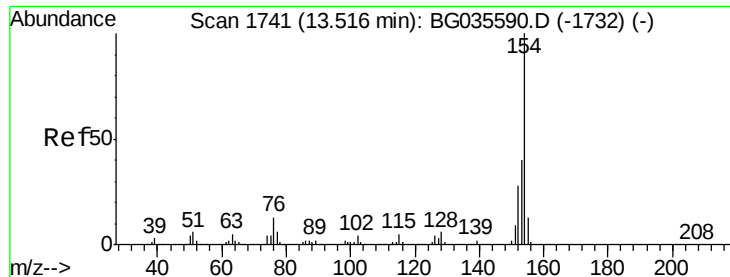
#44
 2-Fluorobiphenyl
 Concen: 72.518 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Tgt Ion:172 Resp: 558937
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 23.0 19.5 29.3



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

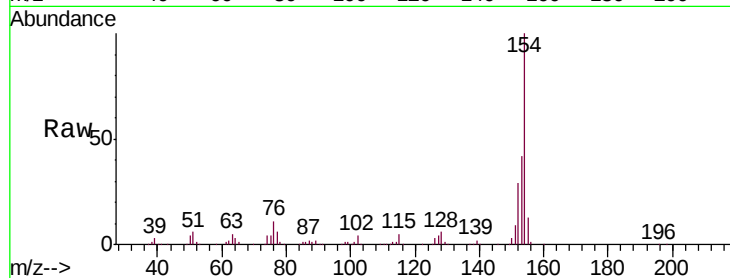




#45
 1,1'-Biphenyl
 Concen: 35.133 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Instrument :
 BNA_G
 ClientSampleId :
 PB111441BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.8	59.8
76	11.5	0.0	31.9

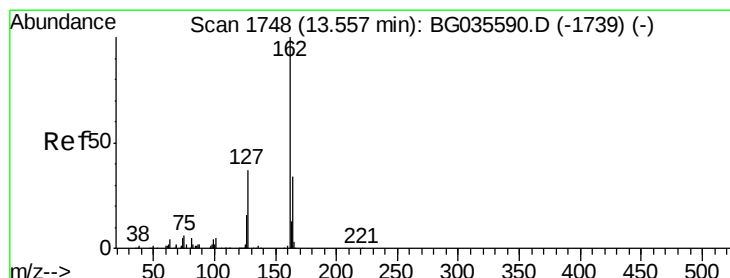
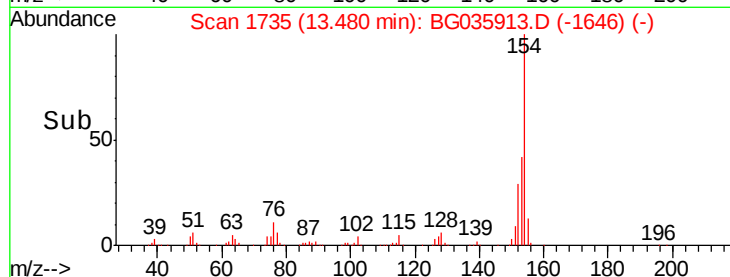
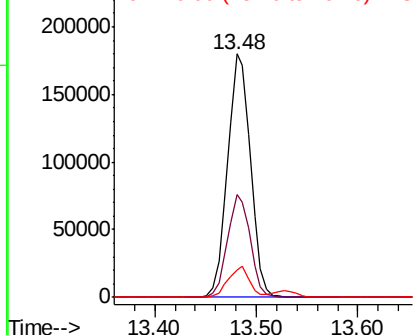


Abundance

Ion 154.00 (153.70 to 154.70): E

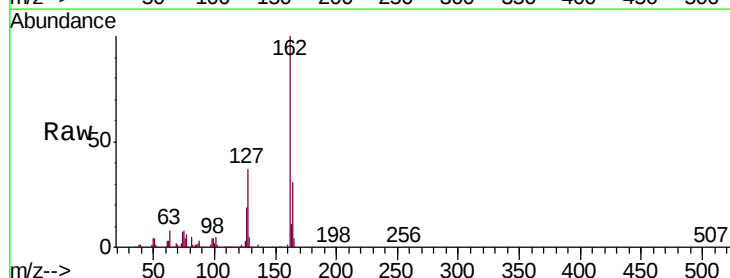
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 37.180 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.5	30.7	46.1
164	31.5	26.0	39.0

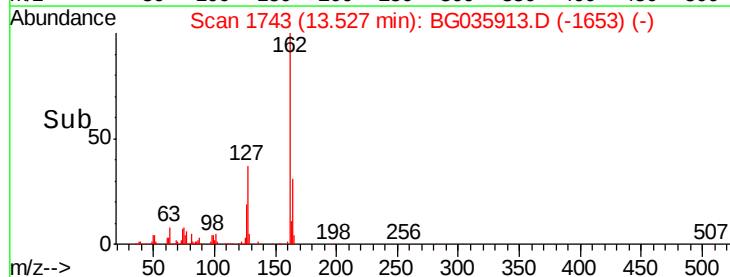
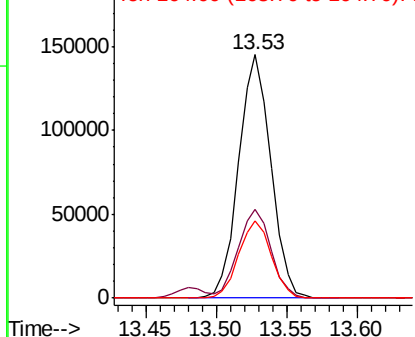


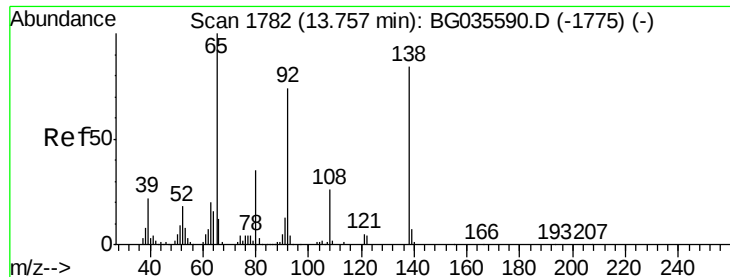
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

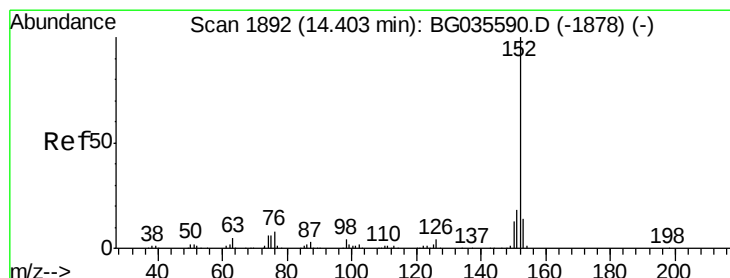
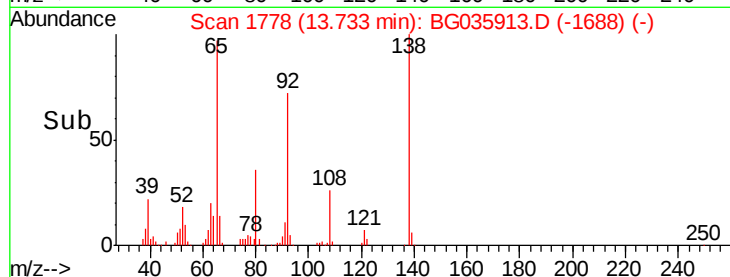
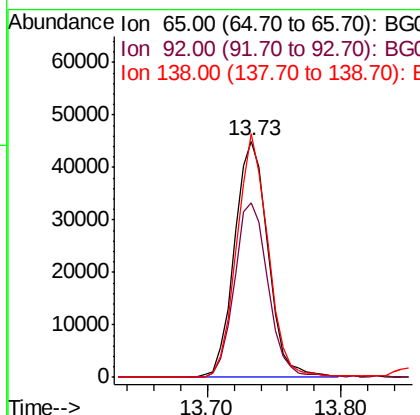
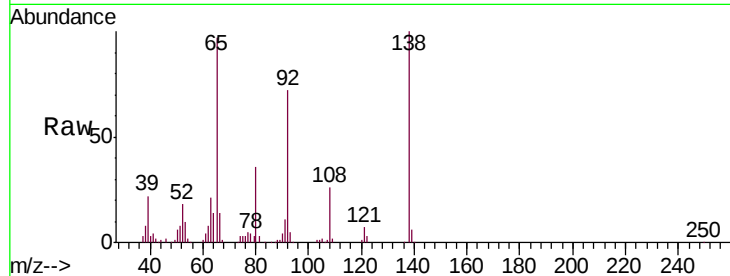




#47
2-Nitroaniline
Concen: 35.556 ng
RT: 13.73 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

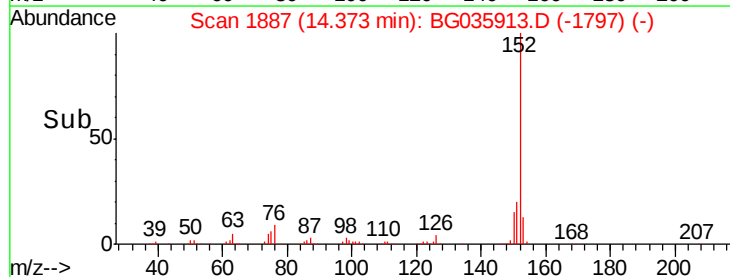
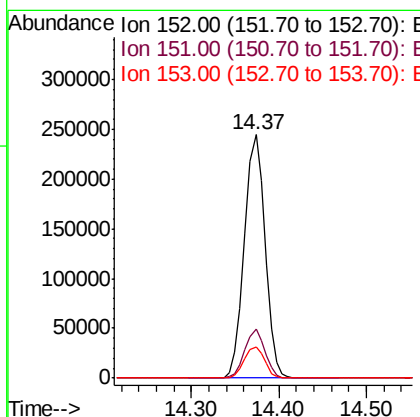
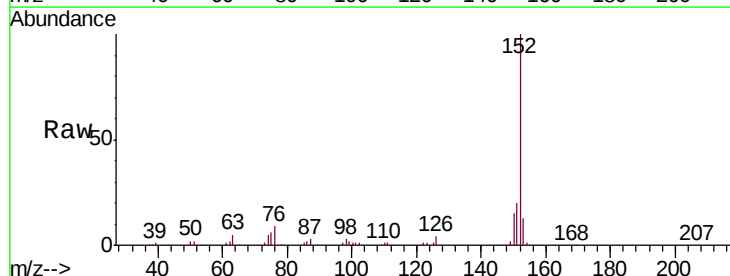
Instrument :
BNA_G
ClientSampleId :
PB111441BS

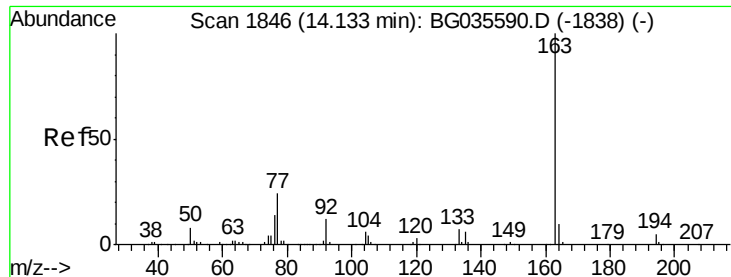
Tgt Ion: 65 Resp: 78278
Ion Ratio Lower Upper
65 100
92 73.8 54.6 82.0
138 103.0 72.9 109.3



#48
Acenaphthylene
Concen: 37.158 ng
RT: 14.37 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion: 152 Resp: 387606
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 12.6 10.2 15.4





#49

Dimethylphthalate

Concen: 35.546 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

BNA_G

ClientSampleId :

PB111441BS

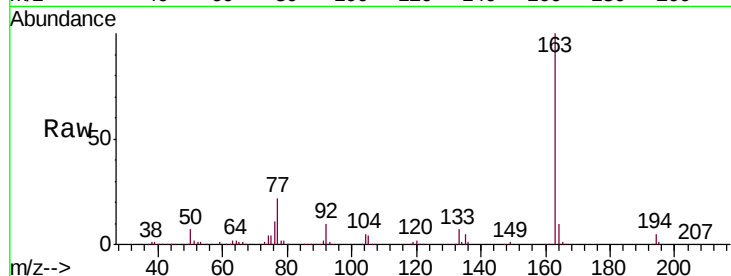
Tgt Ion:163 Resp: 321590

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

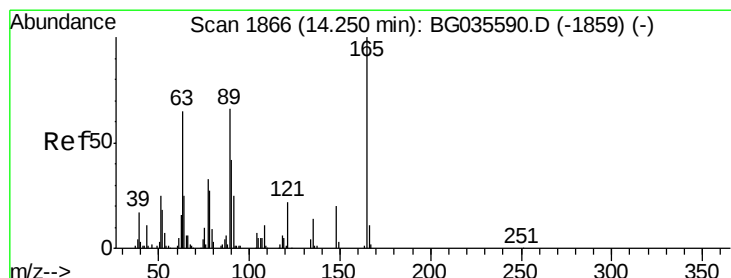
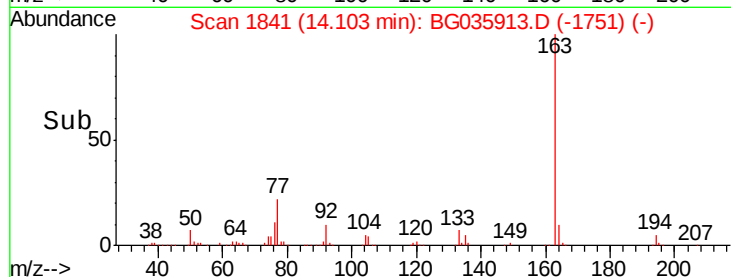
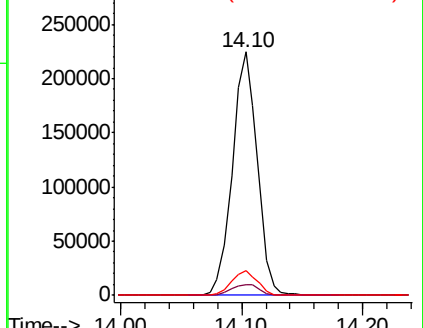
164 10.2 8.2 12.4



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: 40.656 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

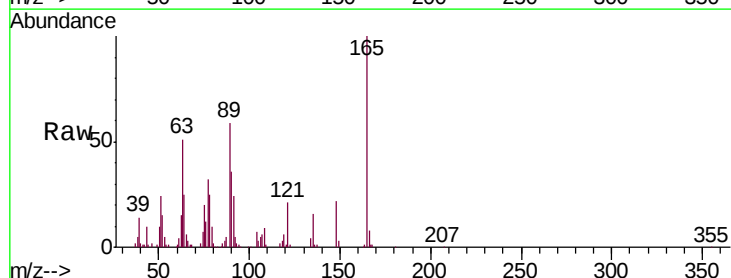
Tgt Ion:165 Resp: 74904

Ion Ratio Lower Upper

165 100

63 51.3 52.7 79.1#

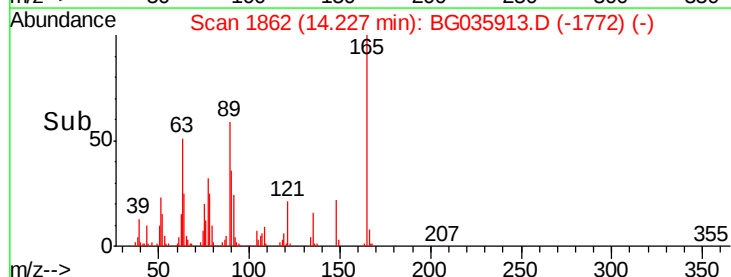
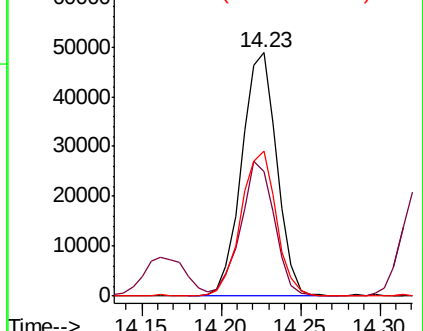
89 59.5 49.2 73.8

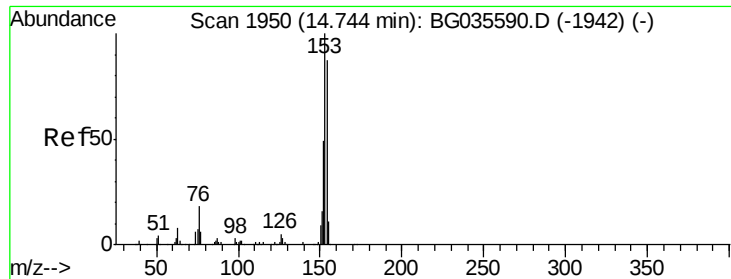


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 35.151 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

BNA_G

ClientSampleId :

PB111441BS

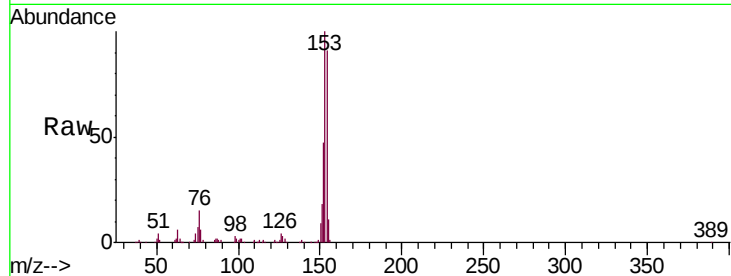
Tgt Ion:154 Resp: 228416

Ion Ratio Lower Upper

154 100

153 110.0 90.4 135.6

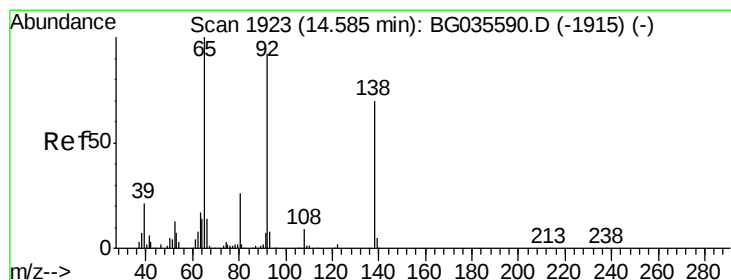
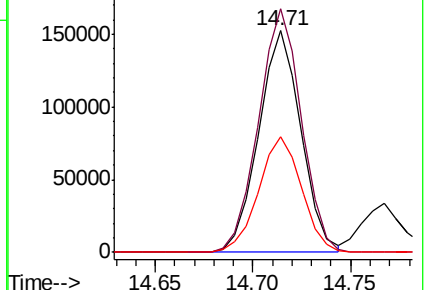
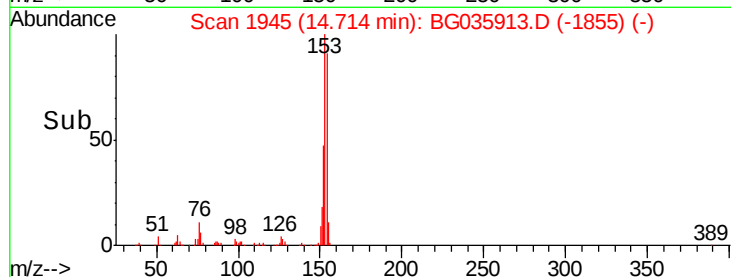
152 52.2 41.6 62.4



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: 16.522 ng

RT: 14.56 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

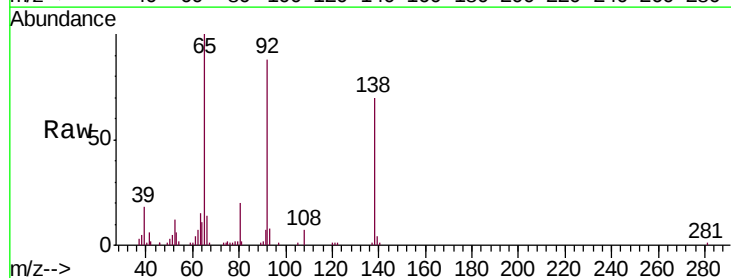
Tgt Ion:138 Resp: 31112

Ion Ratio Lower Upper

138 100

108 10.5 17.5 26.3#

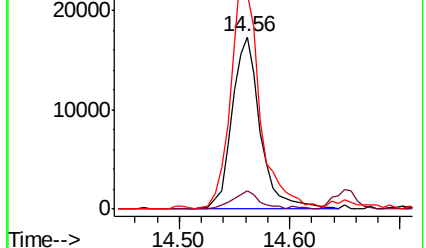
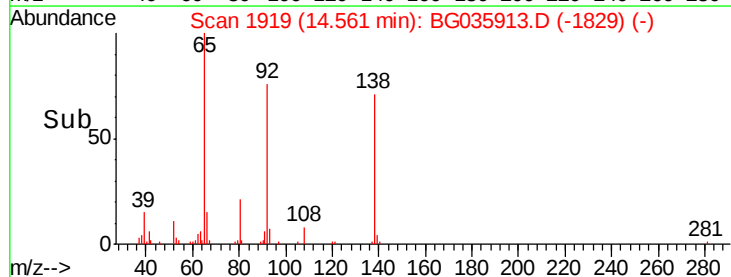
92 125.5 105.8 158.8

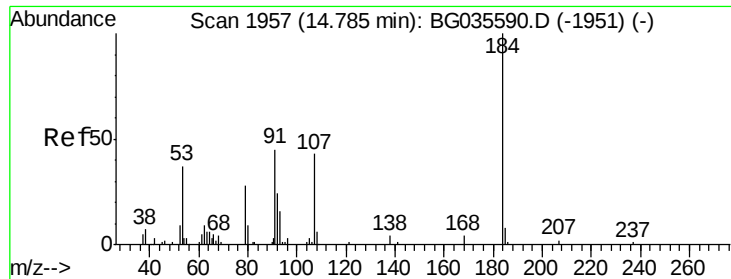


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 77.142 ng

RT: 14.77 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

BNA_G

ClientSampleId :

PB111441BS

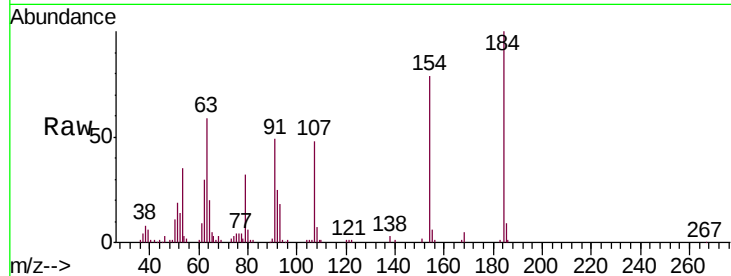
Tgt Ion:184 Resp: 72843

Ion Ratio Lower Upper

184 100

63 58.5 59.8 89.8#

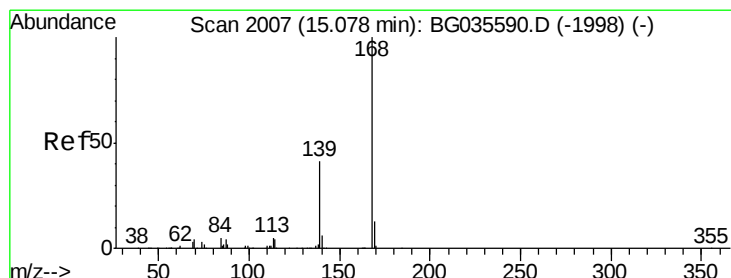
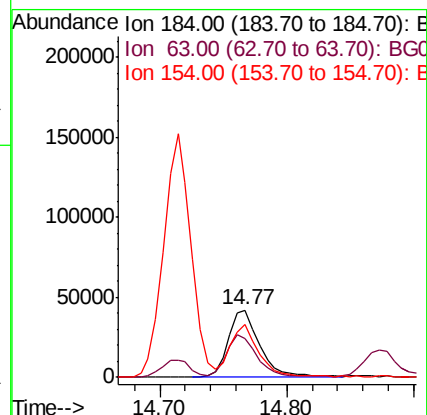
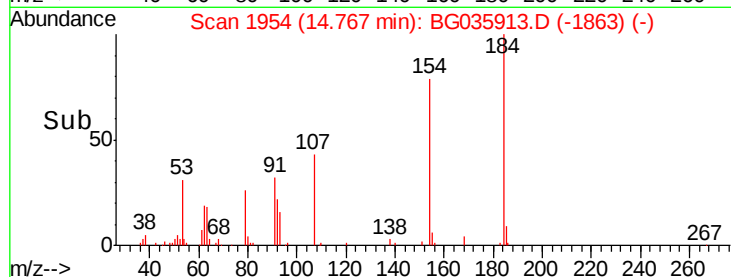
154 79.5 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.930 ng

RT: 15.05 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

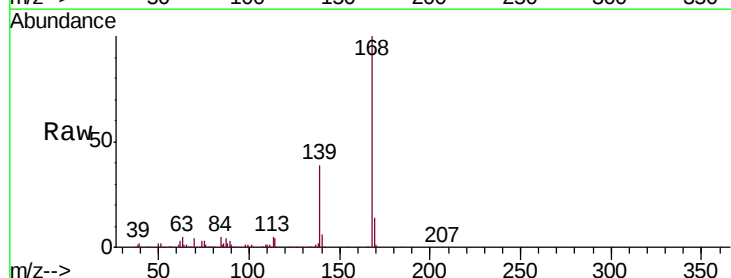
Tgt Ion:168 Resp: 381647

Ion Ratio Lower Upper

168 100

139 39.3 28.6 43.0

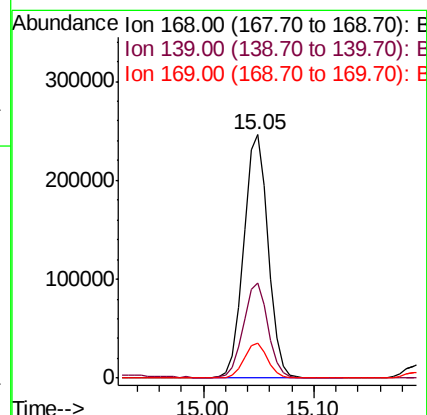
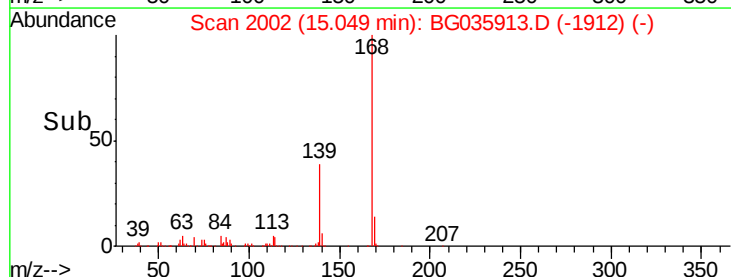
169 14.1 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 77.758 ng

RT: 14.87 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

BNA_G

ClientSampleId :

PB111441BS

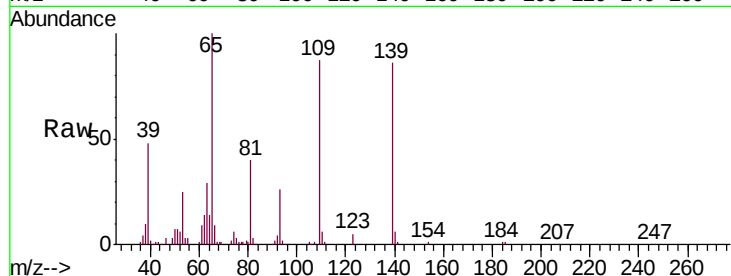
Tgt Ion:139 Resp: 104275

Ion Ratio Lower Upper

139 100

109 102.0 62.2 102.2

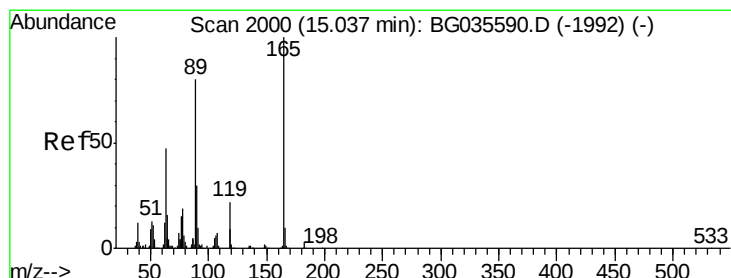
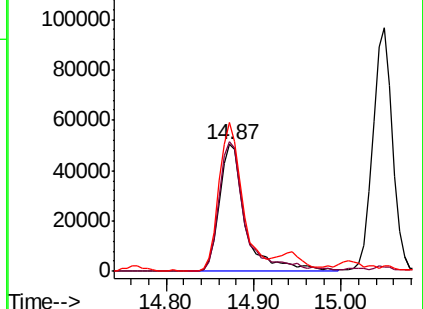
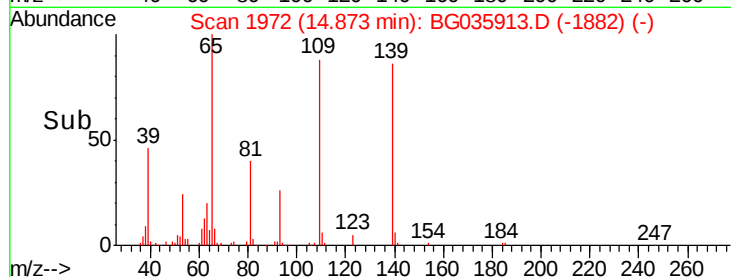
65 116.9 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 42.192 ng

RT: 15.01 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Tgt Ion:165 Resp: 111518

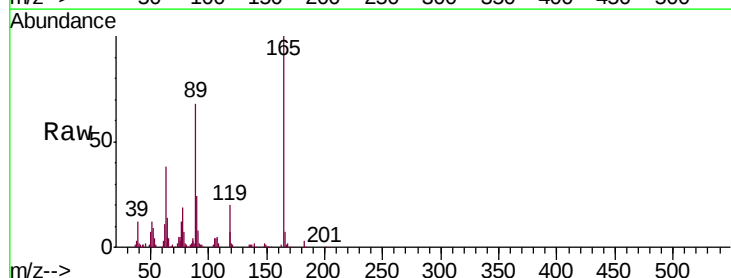
Ion Ratio Lower Upper

165 100

63 38.3 42.0 63.0#

89 68.3 66.9 100.3

182 3.1 2.6 3.8

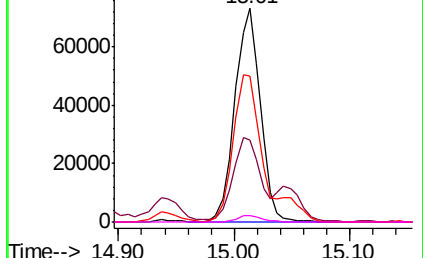
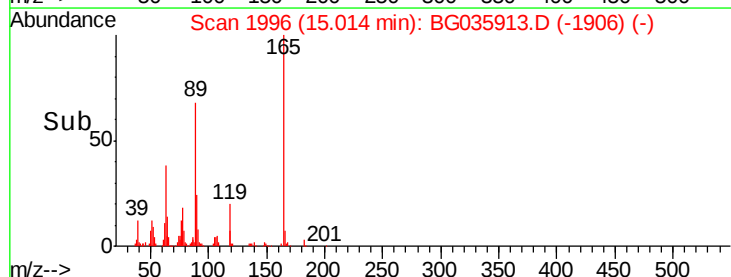


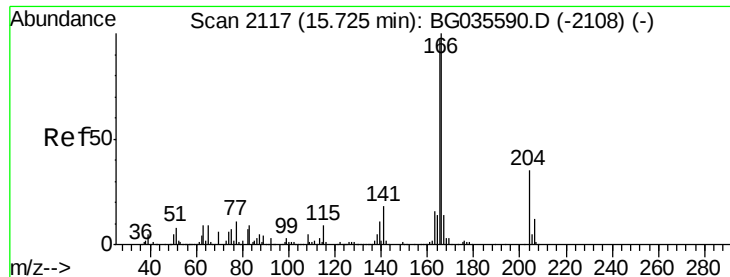
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

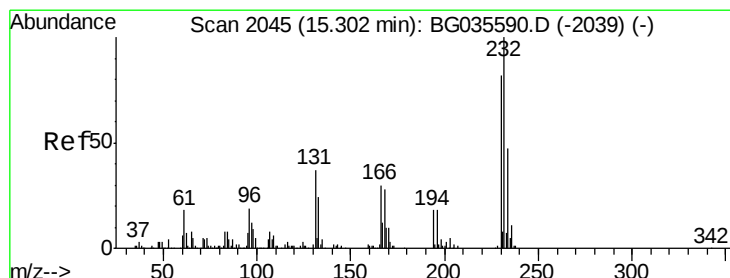
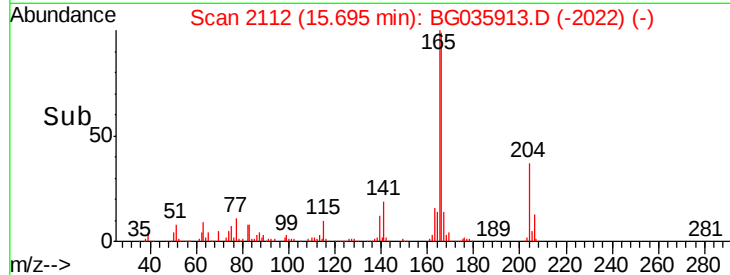
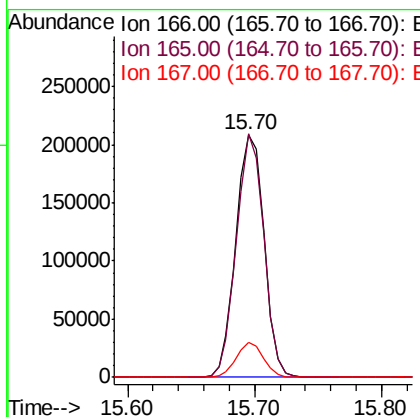
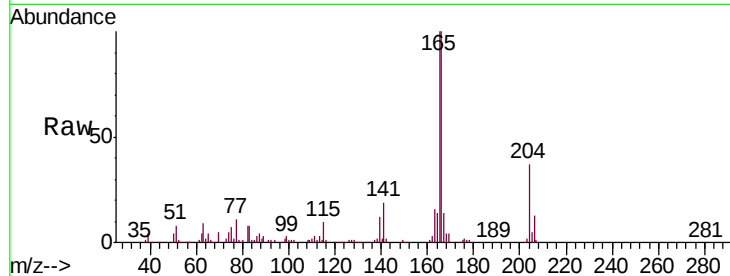




#57
 Fluorene
 Concen: 37.113 ng
 RT: 15.70 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

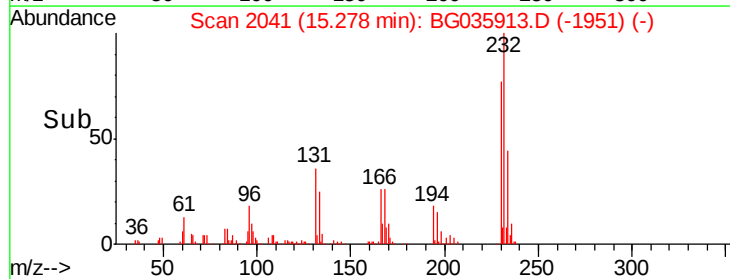
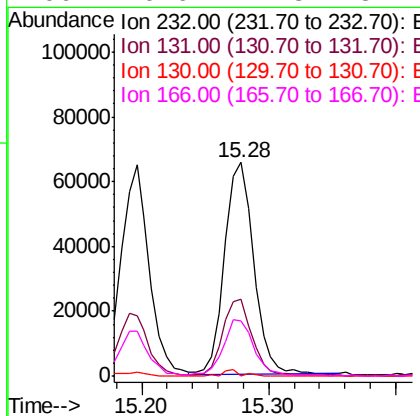
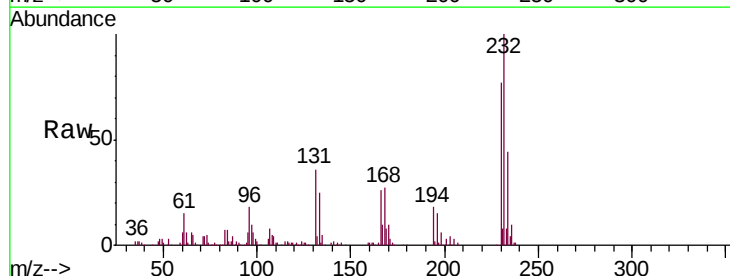
Instrument :
 BNA_G
 ClientSampleId :
 PB111441BS

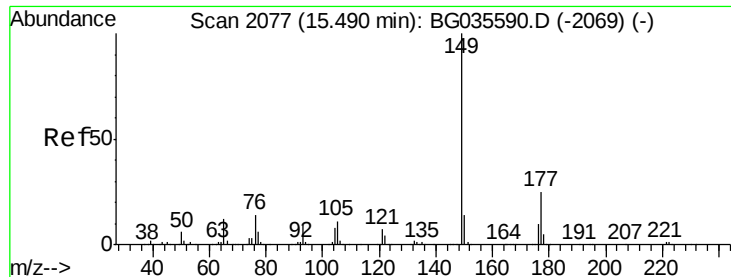
Tgt Ion:166 Resp: 321461
 Ion Ratio Lower Upper
 166 100
 165 100.4 80.6 121.0
 167 14.3 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.011 ng
 RT: 15.28 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Tgt Ion:232 Resp: 105150
 Ion Ratio Lower Upper
 232 100
 131 37.1 33.5 50.3
 130 1.9 2.2 3.2#
 166 26.6 24.8 37.2

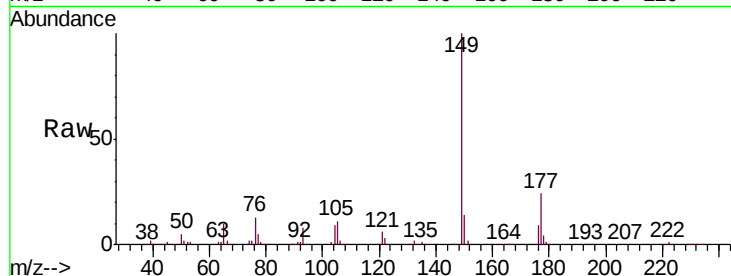




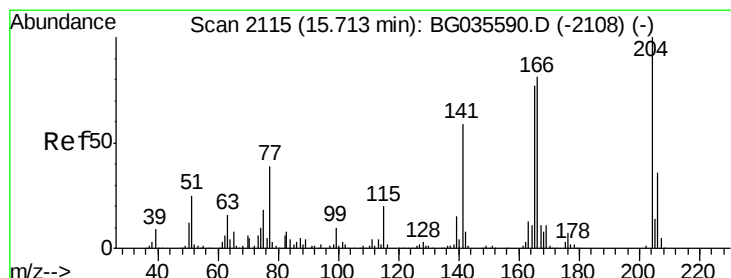
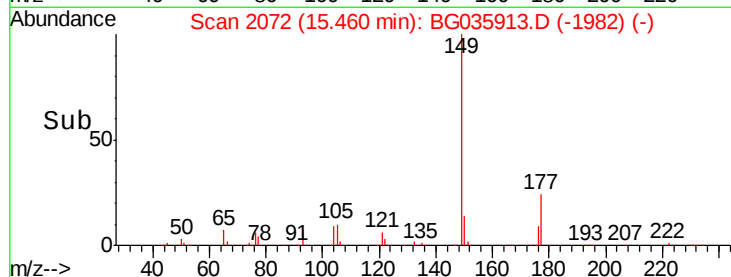
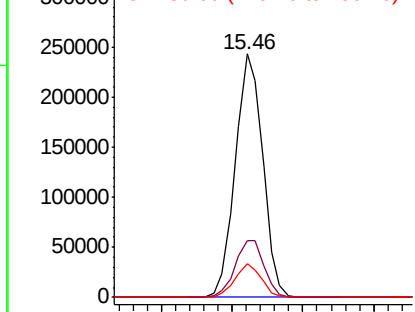
#59
Diethylphthalate
Concen: 35.425 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Instrument :
BNA_G
ClientSampleId :
PB111441BS

Tgt Ion:149 Resp: 329558
Ion Ratio Lower Upper
149 100
177 23.5 18.5 27.7
150 13.6 10.2 15.2

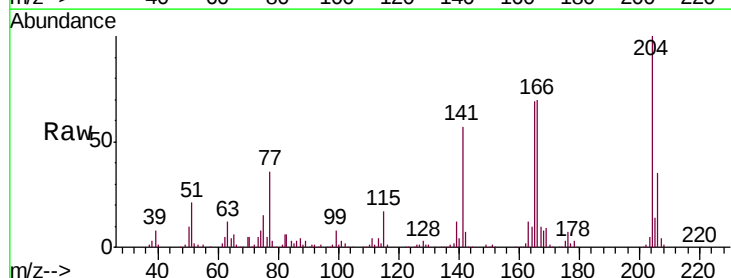


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

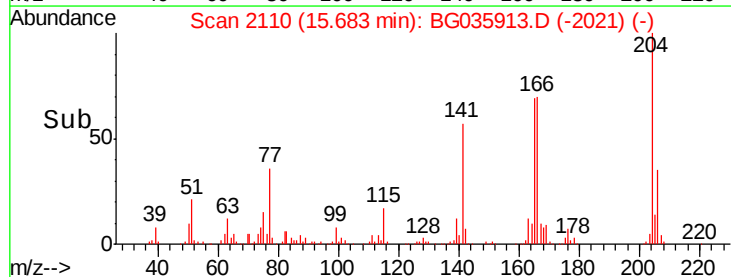
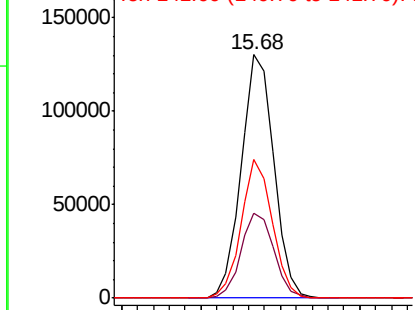


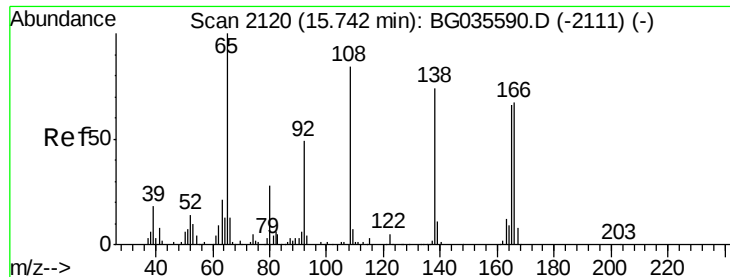
#60
4-Chlorophenyl-phenylether
Concen: 36.480 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion:204 Resp: 185716
Ion Ratio Lower Upper
204 100
206 35.0 26.2 39.2
141 56.8 45.8 68.6



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

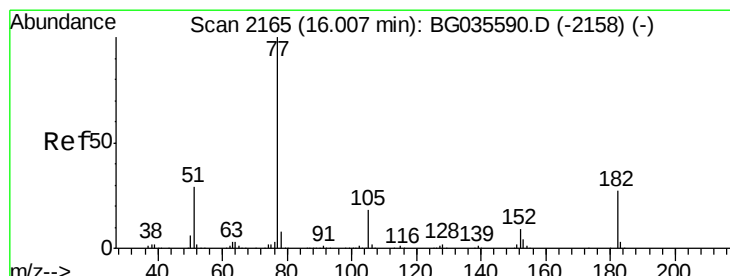
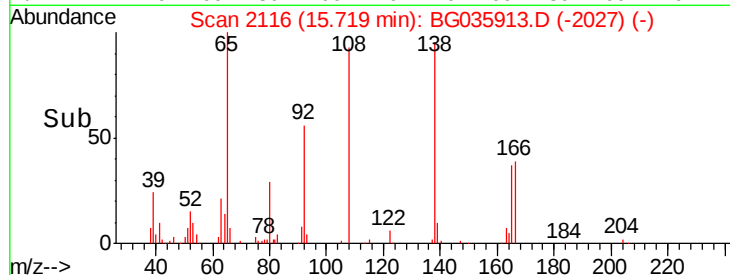
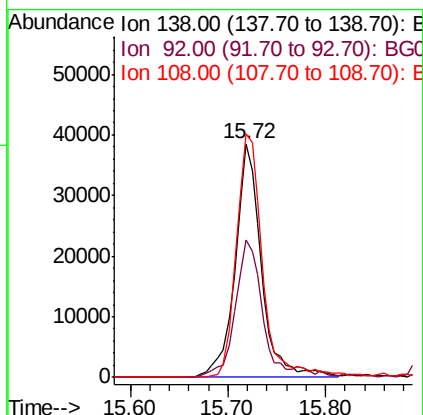
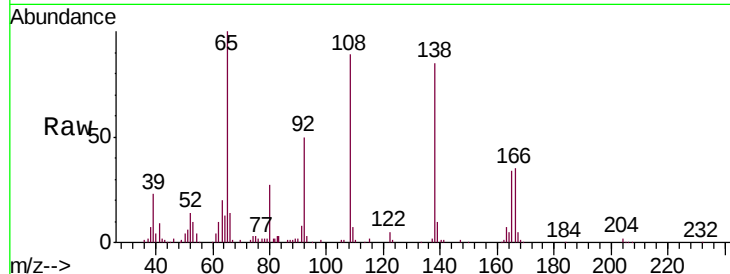




#61
4-Nitroaniline
Concen: 36.531 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

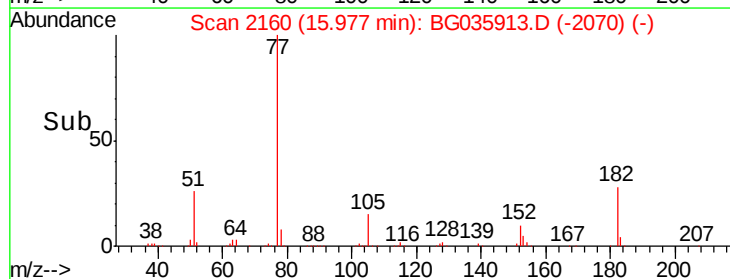
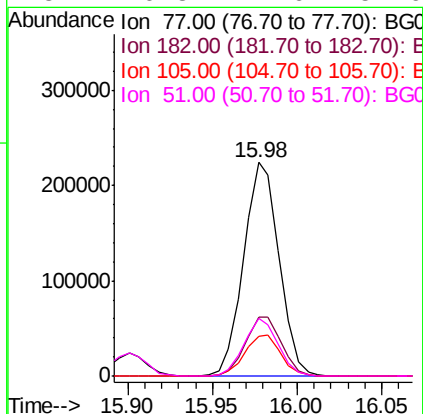
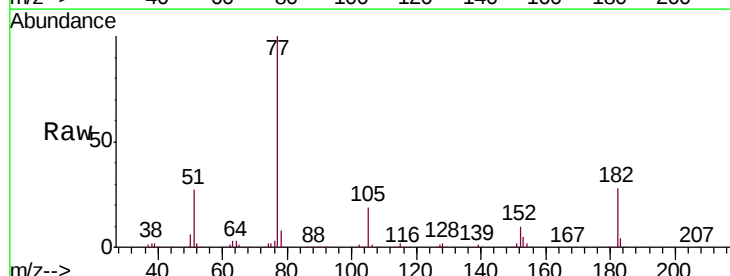
Instrument :
BNA_G
ClientSampleId :
PB111441BS

Tgt Ion: 138 Resp: 71955
Ion Ratio Lower Upper
138 100
92 59.0 40.1 80.1
108 104.3 65.4 105.4



#62
Azobenzene
Concen: 35.447 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion: 77 Resp: 325276
Ion Ratio Lower Upper
77 100
182 27.7 7.4 47.4
105 18.7 0.3 40.3
51 26.8 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

BNA_G

ClientSampleId :

PB111441BS

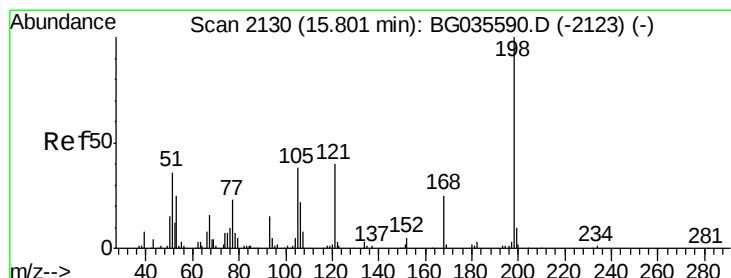
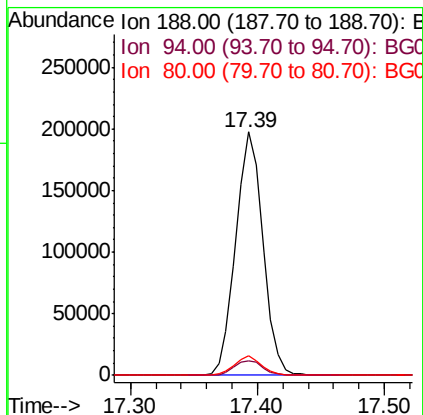
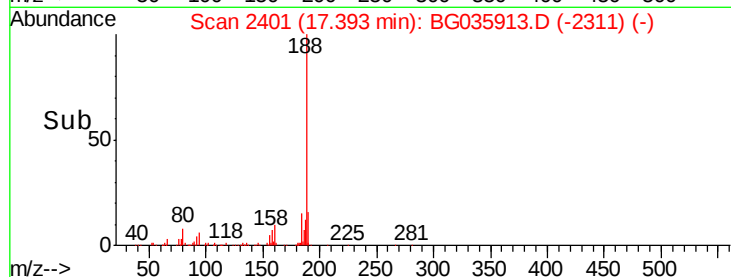
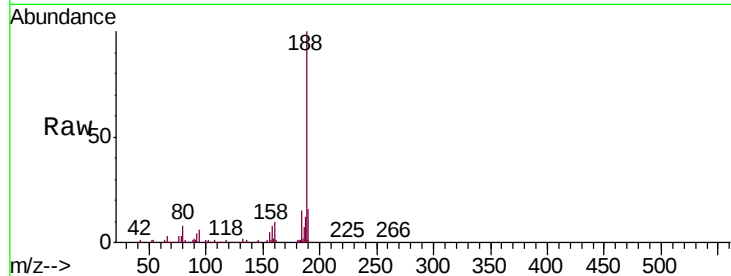
Tgt Ion:188 Resp: 293454

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

80 8.2 7.7 11.5



#64

4,6-Dinitro-2-methylphenol

Concen: 37.776 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

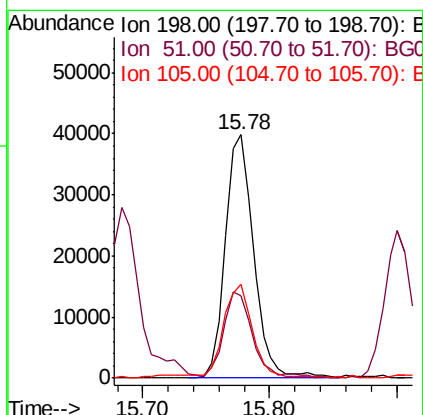
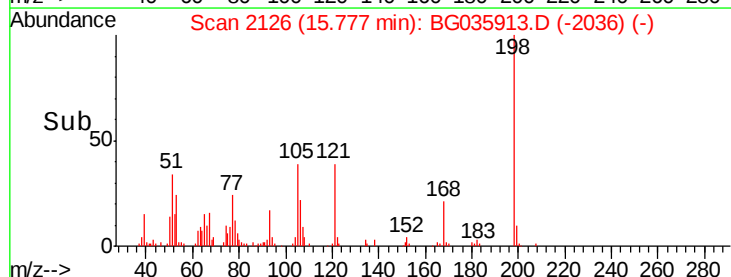
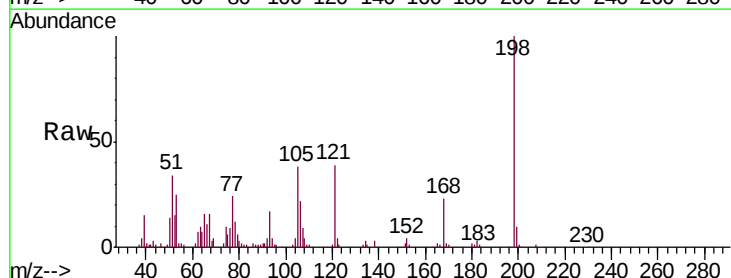
Tgt Ion:198 Resp: 61709

Ion Ratio Lower Upper

198 100

51 34.0 30.6 70.6

105 38.3 23.8 63.8

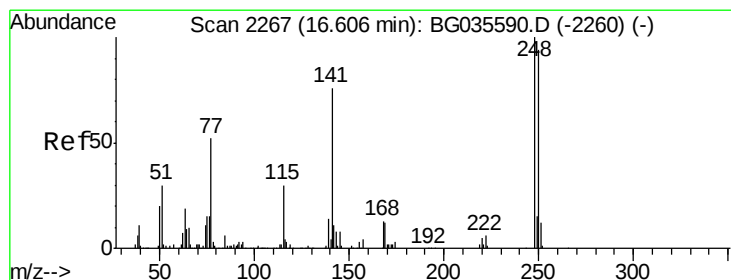
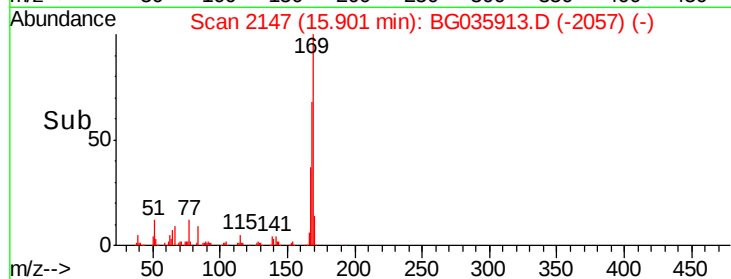
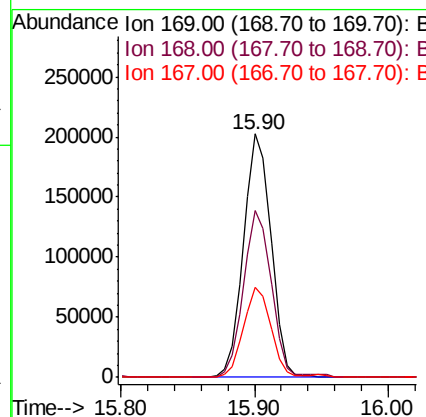
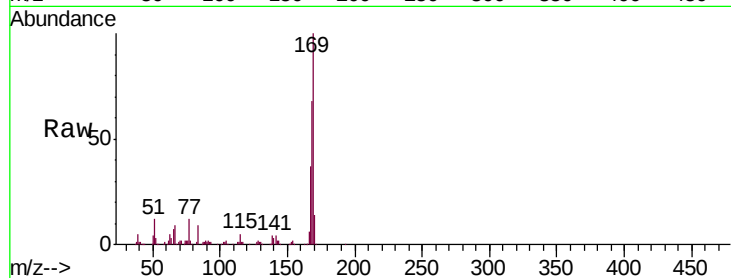




#65
 n-Nitrosodiphenylamine
 Concen: 34.544 ng
 RT: 15.90 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

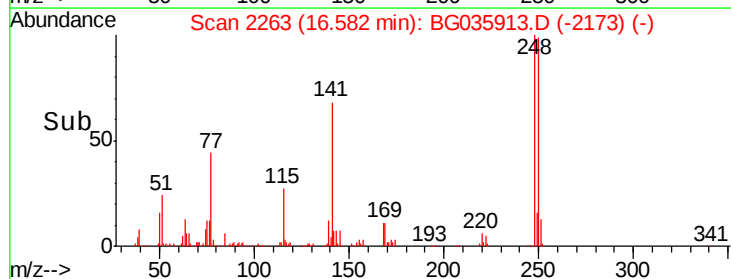
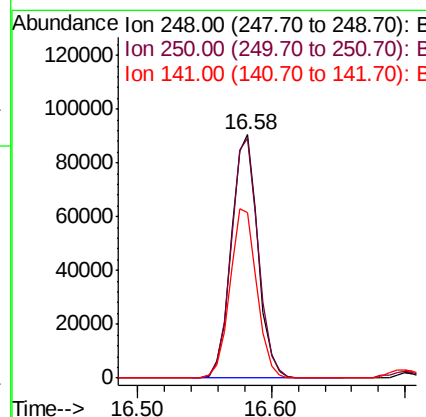
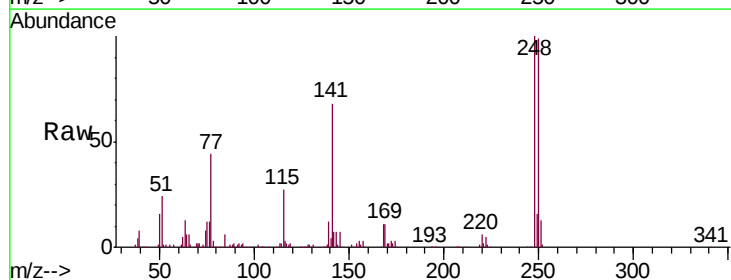
Instrument :
 BNA_G
 ClientSampleId :
 PB111441BS

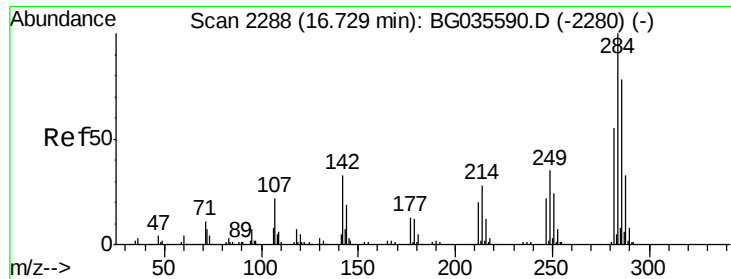
Tgt Ion:169 Resp: 288542
 Ion Ratio Lower Upper
 169 100
 168 68.3 55.7 83.5
 167 36.7 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 37.066 ng
 RT: 16.58 min Scan# 2263
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Tgt Ion:248 Resp: 126193
 Ion Ratio Lower Upper
 248 100
 250 98.6 77.1 115.7
 141 67.9 50.8 76.2

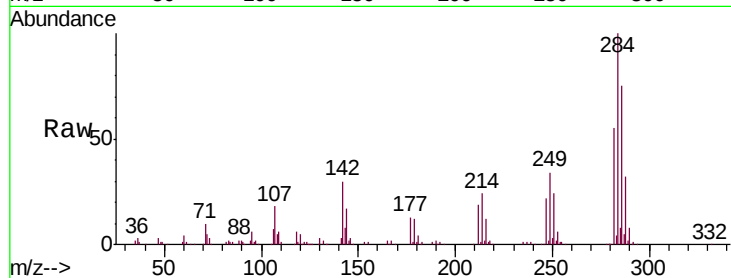




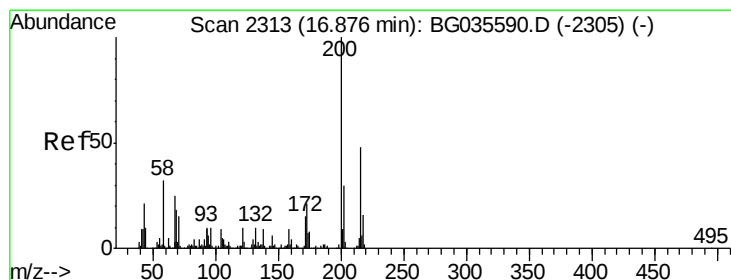
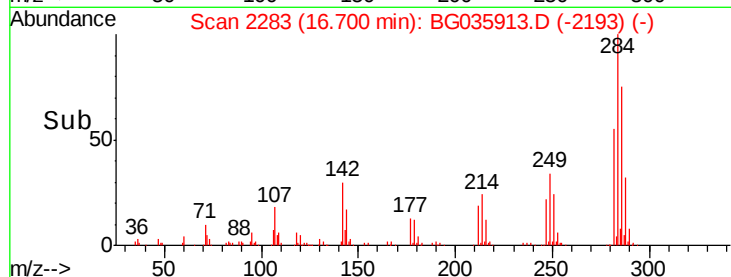
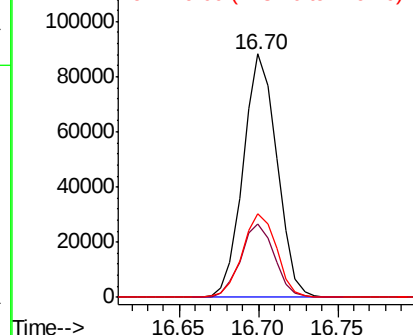
#67
Hexachlorobenzene
Concen: 37.221 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Instrument :
BNA_G
ClientSampleId :
PB111441BS

Tgt Ion:284 Resp: 130498
Ion Ratio Lower Upper
284 100
142 30.0 26.8 40.2
249 34.3 26.3 39.5

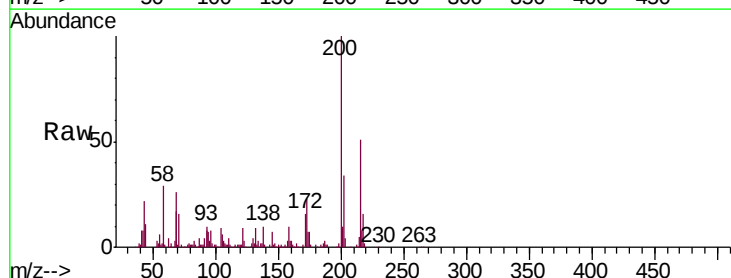


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

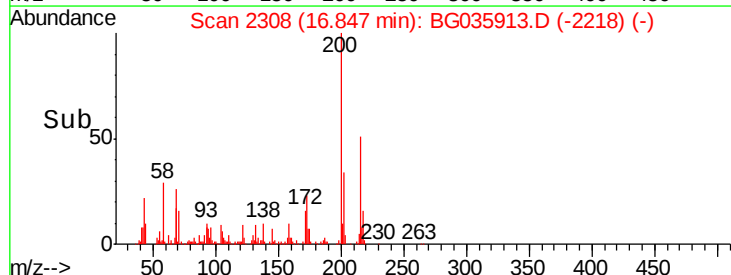
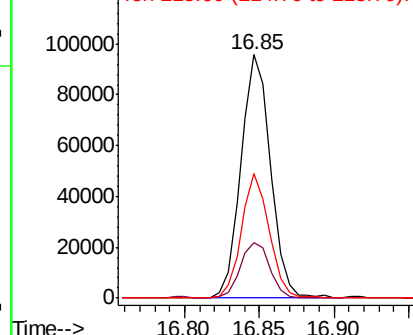


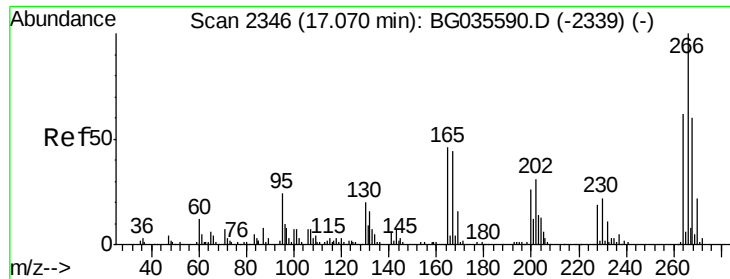
#68
Atrazine
Concen: 38.330 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion:200 Resp: 131822
Ion Ratio Lower Upper
200 100
173 22.9 5.2 45.2
215 51.2 30.4 70.4



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

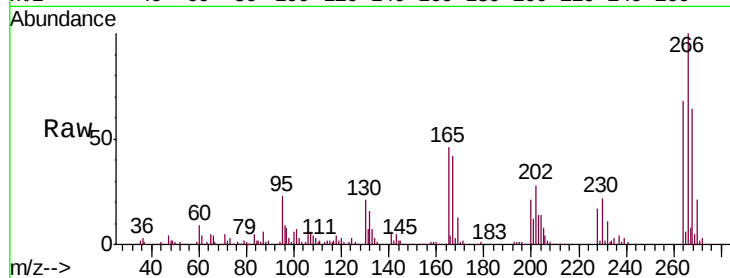




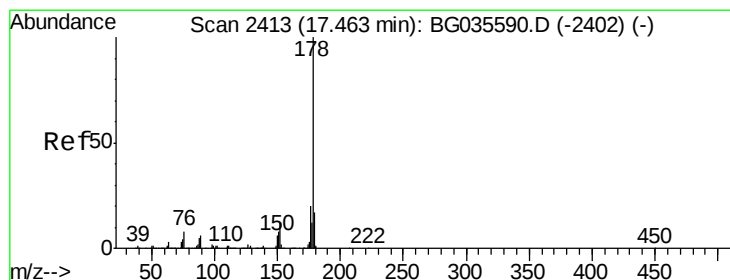
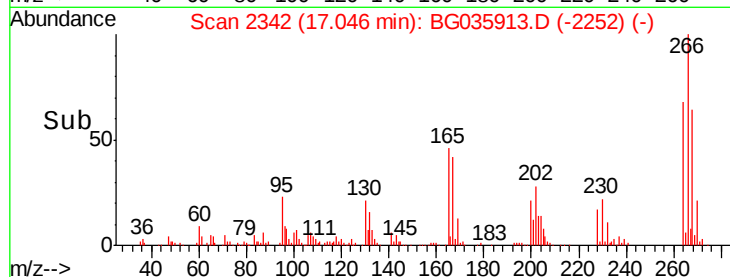
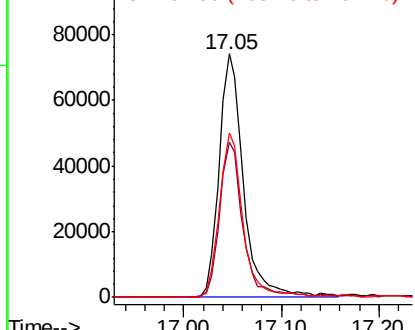
#69
 Pentachlorophenol
 Concen: 60.166 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Instrument :
 BNA_G
 ClientSampleID :
 PB111441BS

Tgt Ion:266 Resp: 128486
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 67.5 49.6 74.4

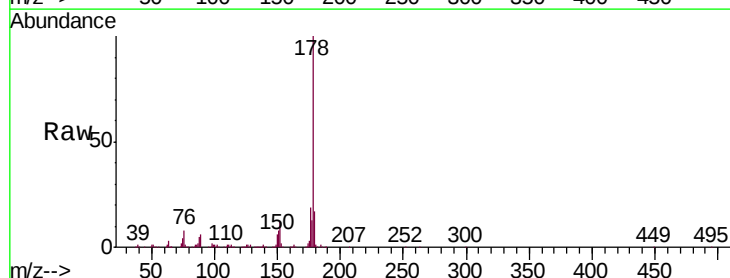


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

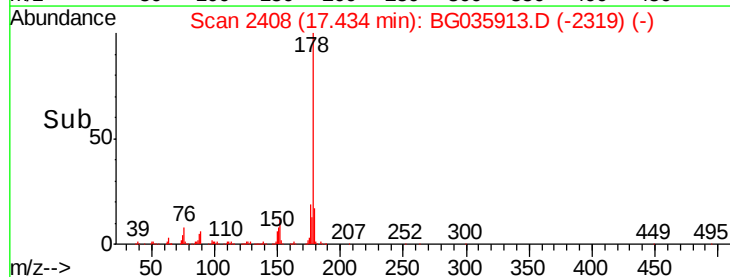
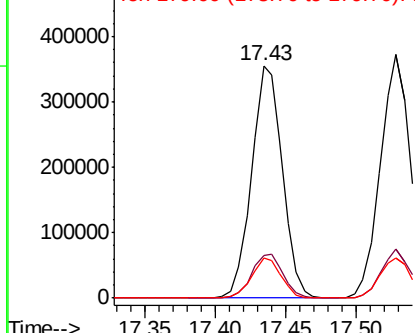


#70
 Phenanthrene
 Concen: 37.103 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Tgt Ion:178 Resp: 543288
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.7 23.5
 179 17.2 12.5 18.7



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

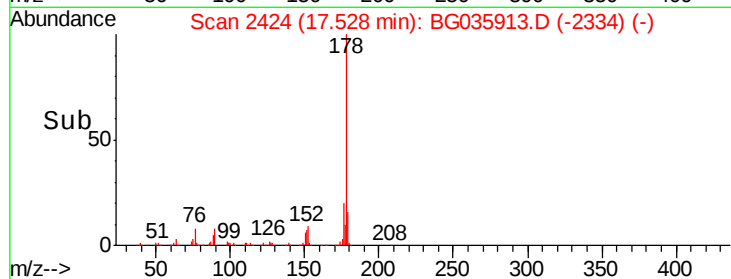
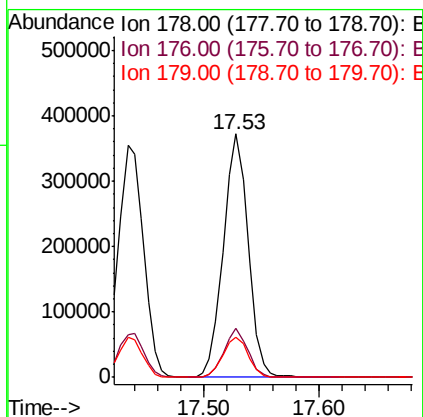
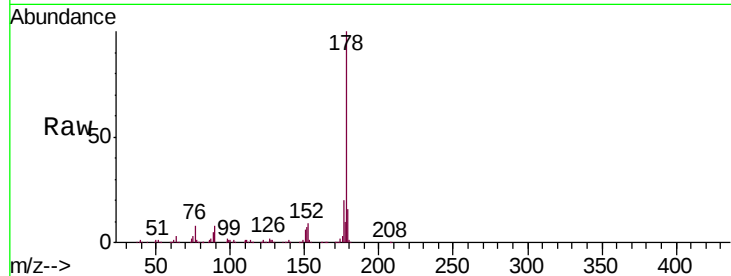




#71
 Anthracene
 Concen: 37.991 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

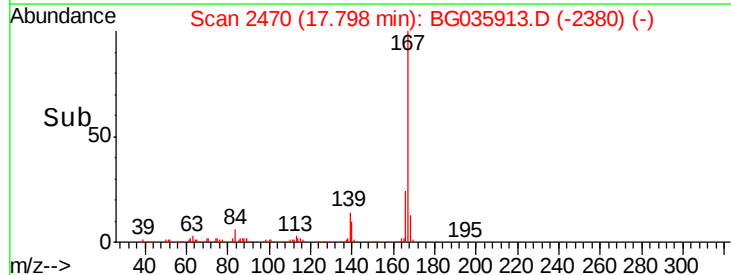
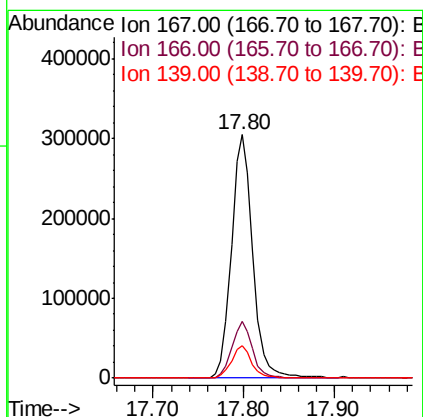
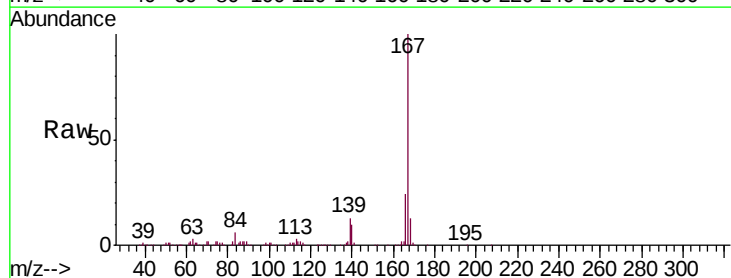
Instrument :
 BNA_G
 ClientSampleId :
 PB111441BS

Tgt Ion:178 Resp: 553921
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.4 12.5 18.7



#72
 Carbazole
 Concen: 36.041 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Tgt Ion:167 Resp: 499042
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.2 27.4
 139 13.5 9.4 14.2

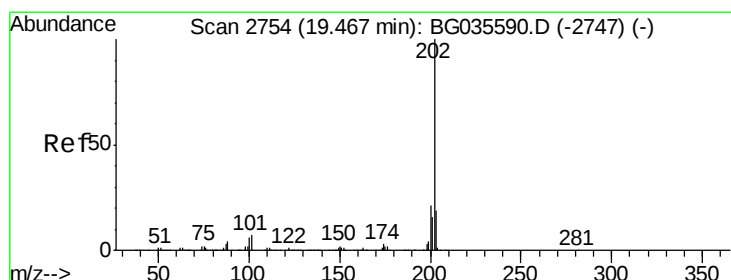
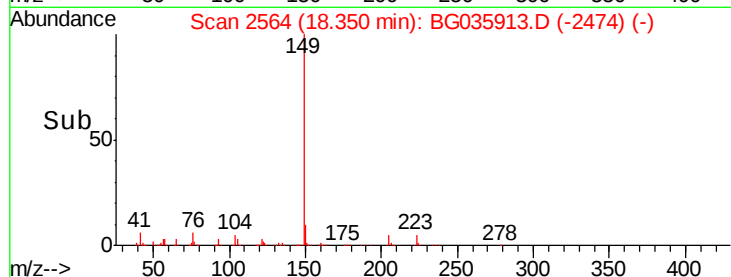
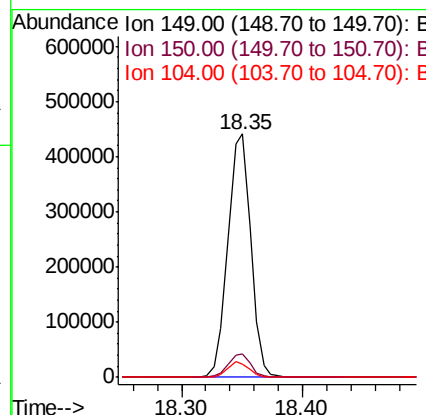
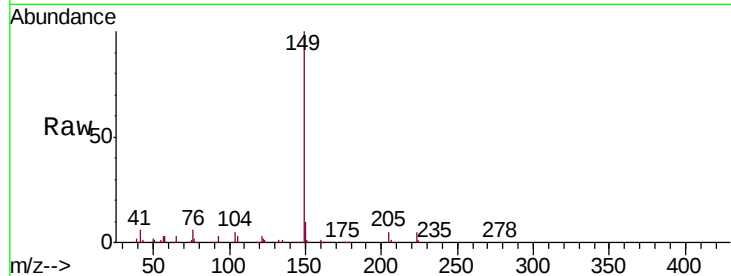




#73
Di-n-butylphthalate
Concen: 35.398 ng
RT: 18.35 min Scan# 2564
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

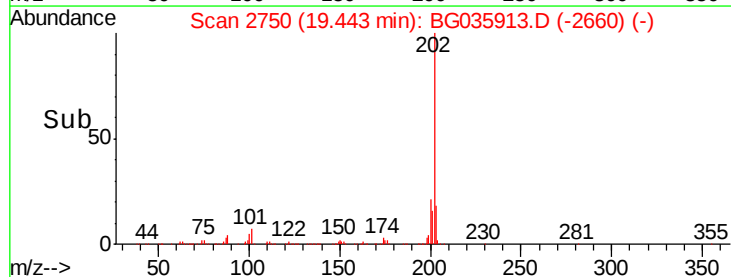
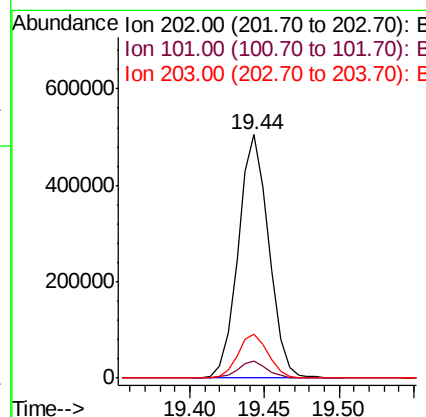
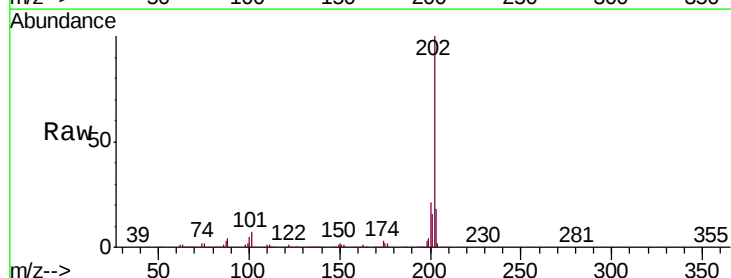
Instrument :
BNA_G
ClientSampleId :
PB111441BS

Tgt Ion:149 Resp: 579221
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 5.3 3.9 5.9



#74
Fluoranthene
Concen: 36.478 ng
RT: 19.44 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion:202 Resp: 719478
Ion Ratio Lower Upper
202 100
101 6.8 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. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

BNA_G

ClientSampleId :

PB111441BS

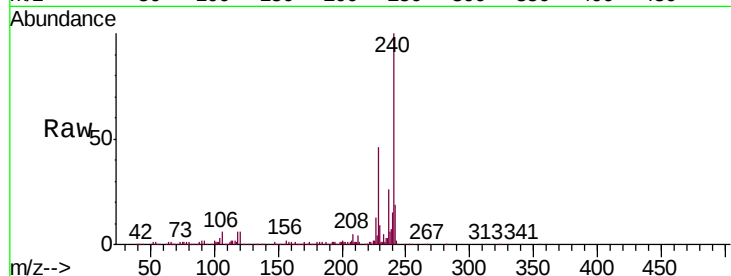
Tgt Ion:240 Resp: 316229

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

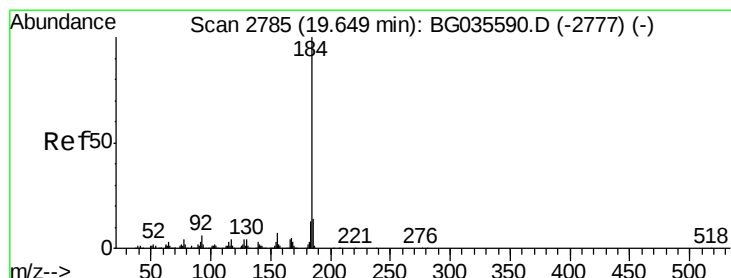
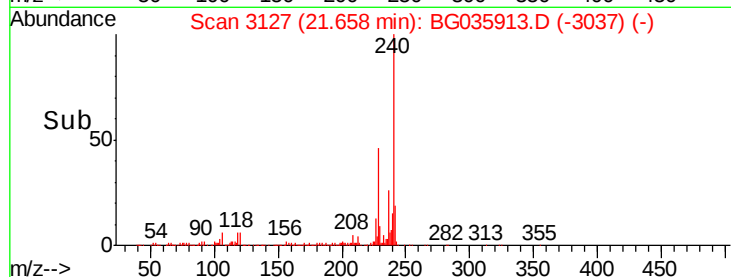
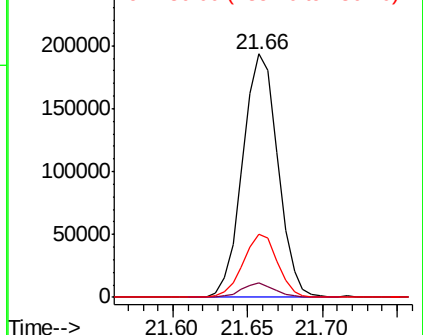
236 26.0 20.9 31.3



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: 23.981 ng

RT: 19.63 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

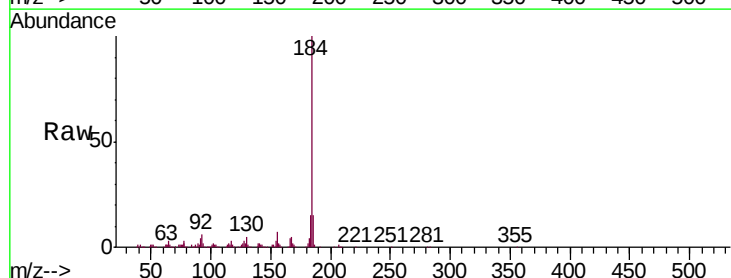
Tgt Ion:184 Resp: 199370

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

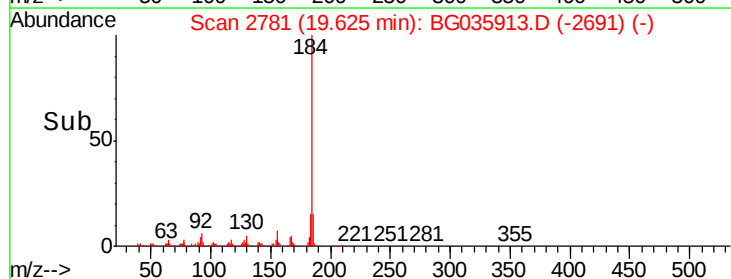
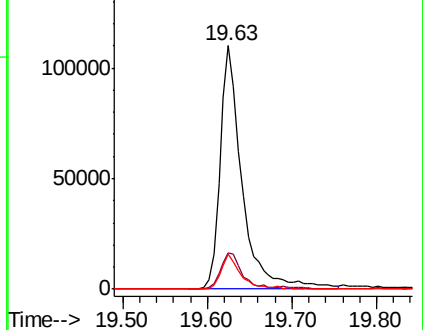
183 14.6 10.6 16.0

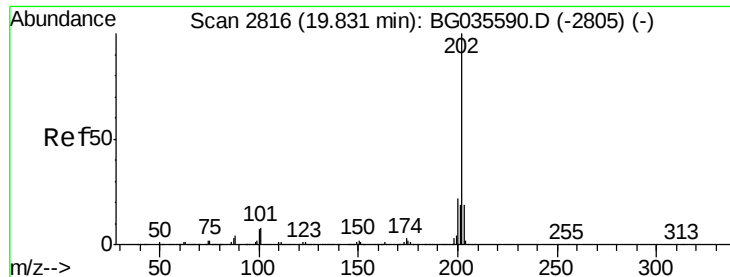


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

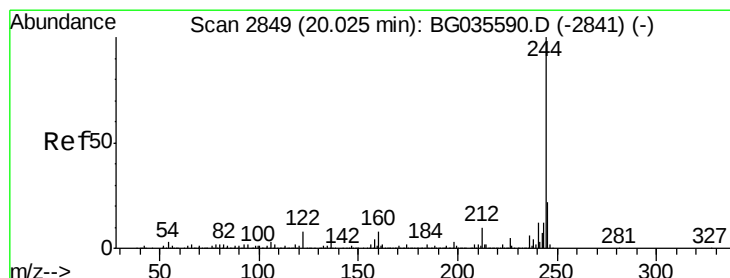
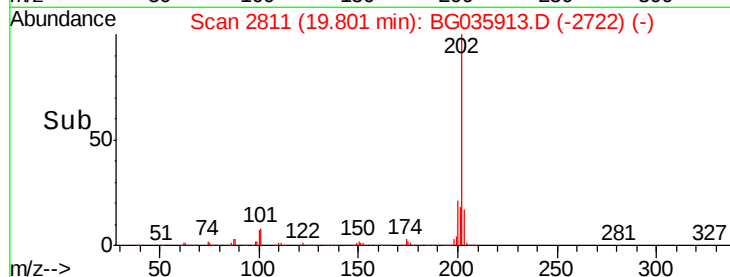
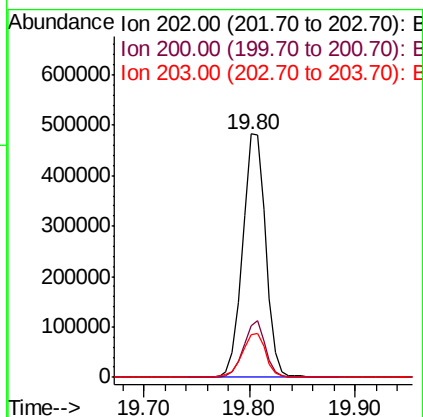
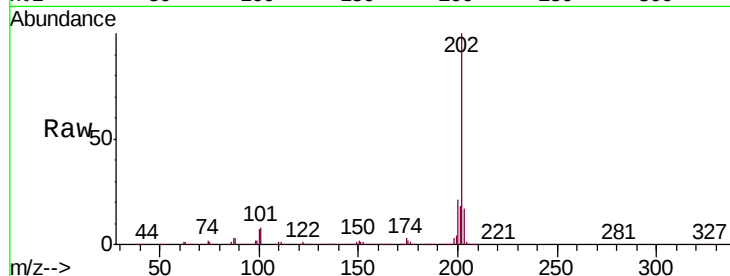




#77
 Pyrene
 Concen: 36.404 ng
 RT: 19.80 min Scan# 2811
 Delta R.T. -0.01 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

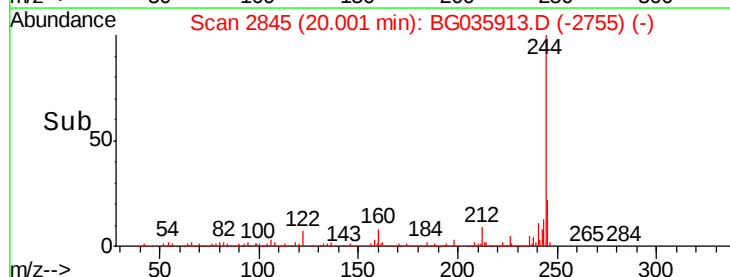
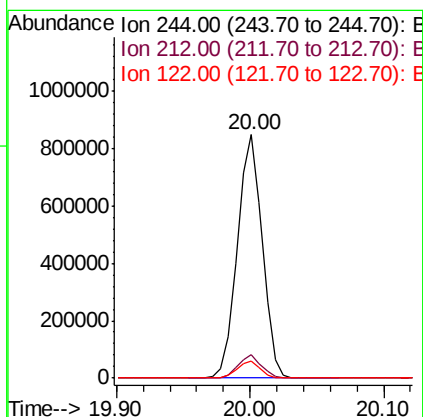
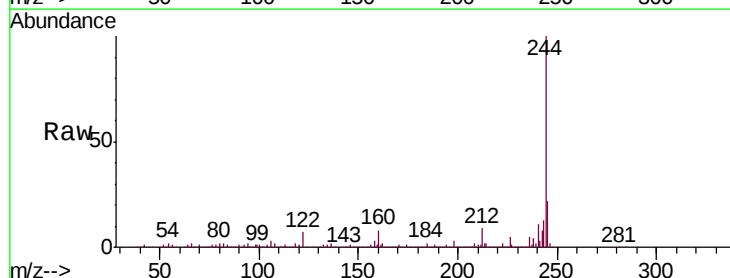
Instrument :
 BNA_G
 ClientSampleId :
 PB111441BS

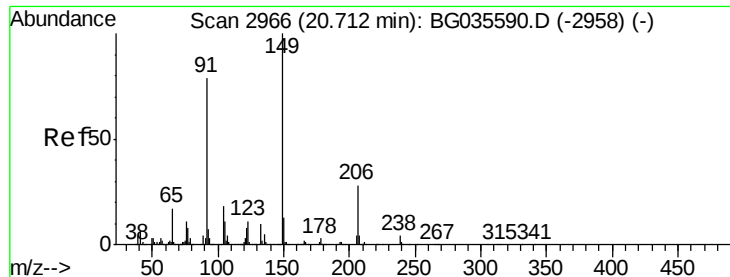
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.4	13.9	20.9



#78
 Terphenyl-d14
 Concen: 76.369 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	7.0	7.0	10.4

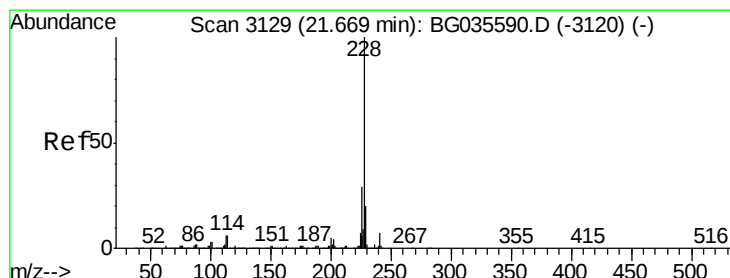
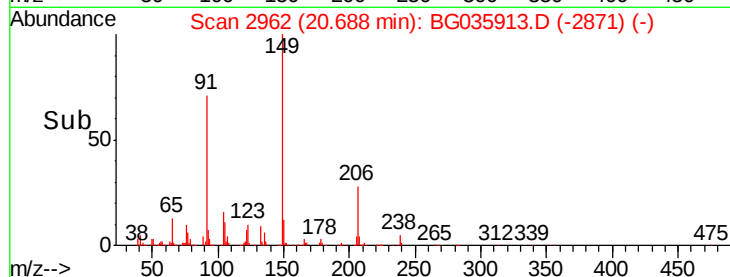
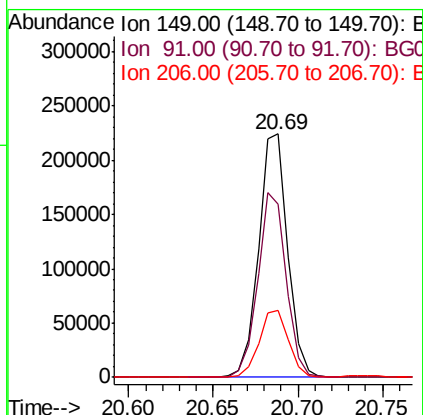
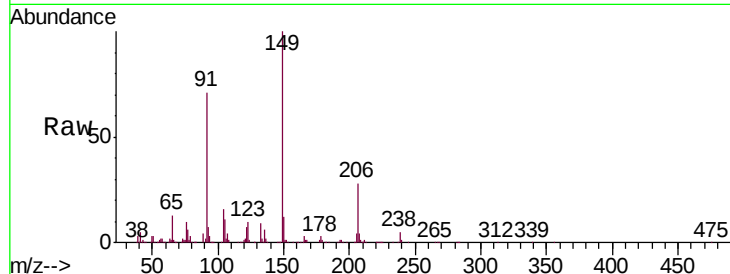




#79
Butylbenzylphthalate
Concen: 37.121 ng
RT: 20.69 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

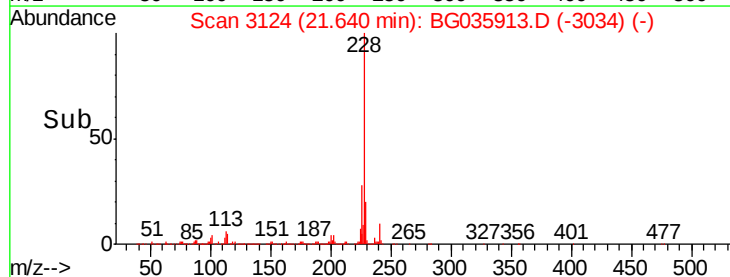
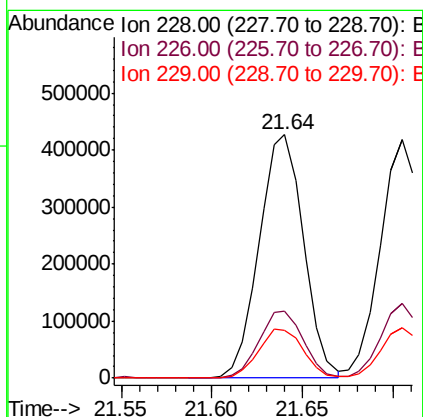
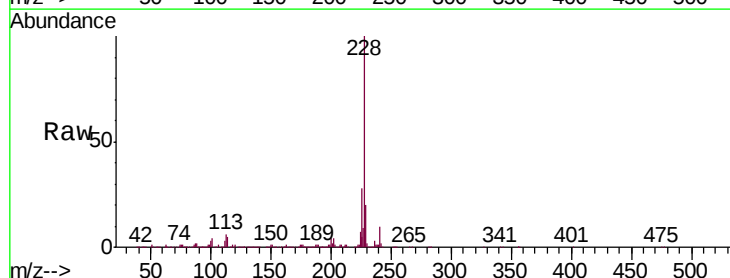
Instrument :
BNA_G
ClientSampleId :
PB111441BS

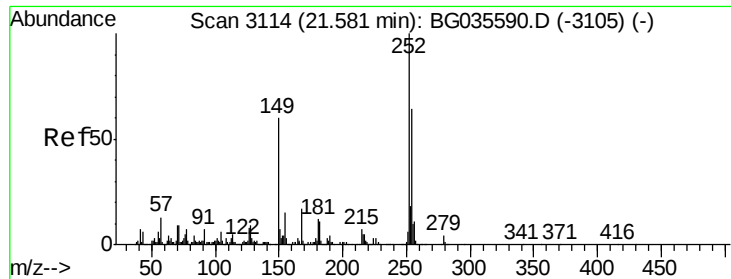
Tgt Ion:149 Resp: 265431
Ion Ratio Lower Upper
149 100
91 71.2 62.2 93.2
206 27.7 18.6 27.8



#80
Benzo(a)anthracene
Concen: 36.924 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion:228 Resp: 727647
Ion Ratio Lower Upper
228 100
226 27.6 22.7 34.1
229 19.7 16.2 24.2

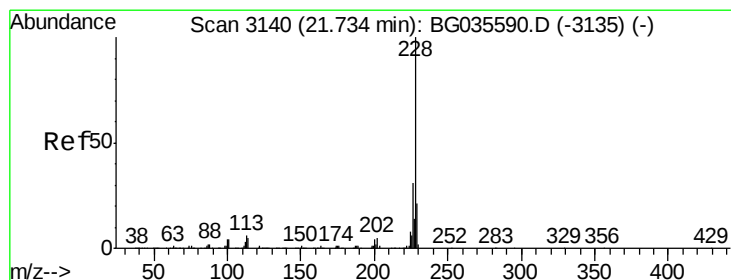
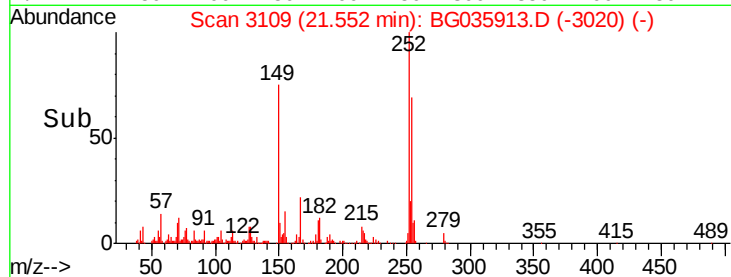
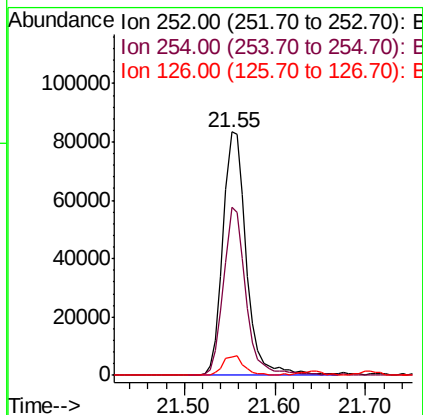
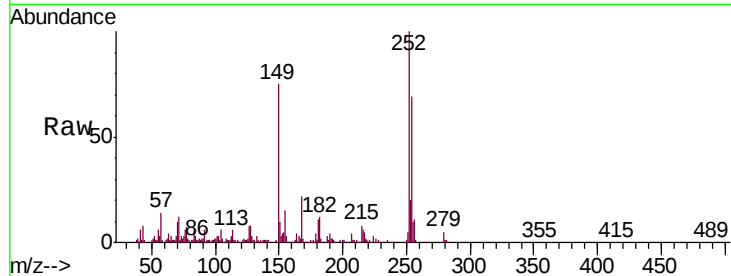




#81
 3,3'-Dichlorobenzidine
 Concen: 21.748 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

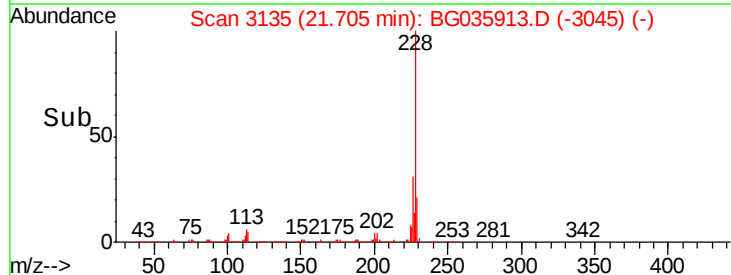
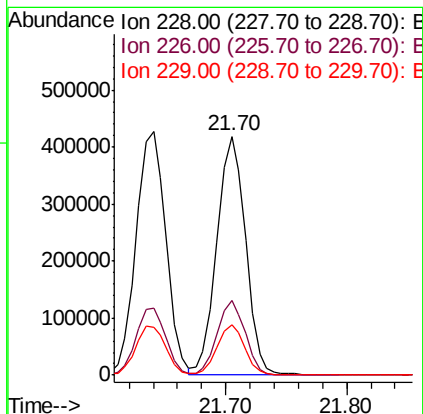
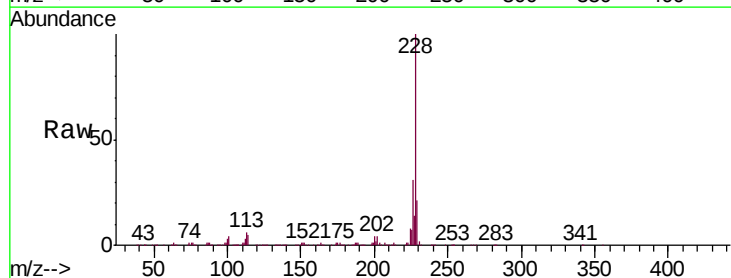
Instrument :
 BNA_G
 ClientSampleId :
 PB111441BS

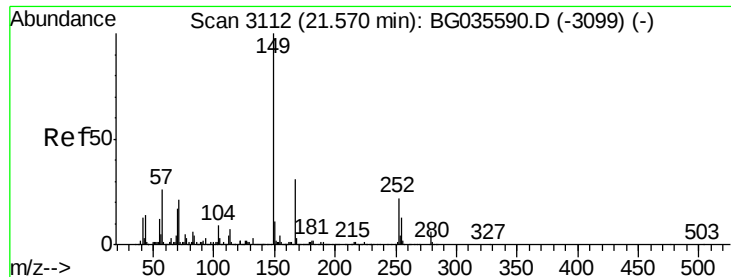
Tgt Ion: 252 Resp: 149433
 Ion Ratio Lower Upper
 252 100
 254 69.0 50.8 76.2
 126 7.5 7.4 11.2



#82
 Chrysene
 Concen: 37.580 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Tgt Ion: 228 Resp: 686265
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.9 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.920 ng

RT: 21.54 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

BNA_G

ClientSampleId :

PB111441BS

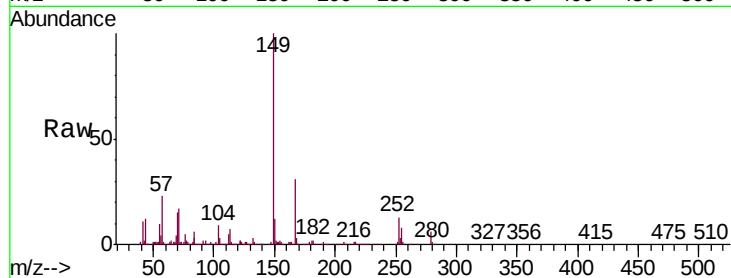
Tgt Ion:149 Resp: 358902

Ion Ratio Lower Upper

149 100

167 30.8 24.3 36.5

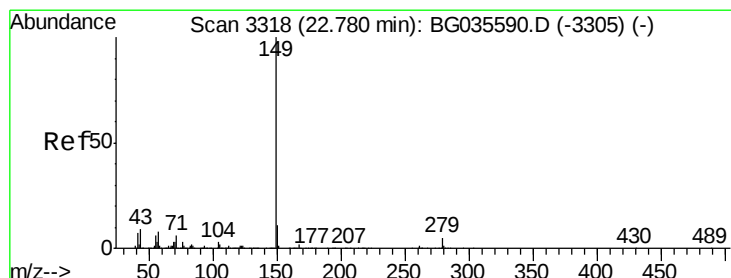
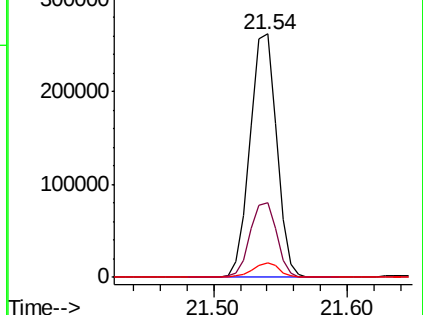
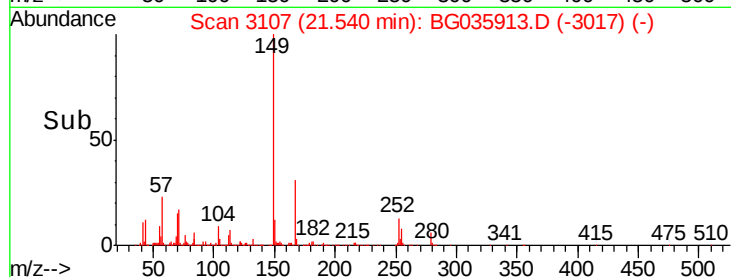
279 6.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.001 ng

RT: 22.74 min Scan# 3311

Delta R.T. -0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

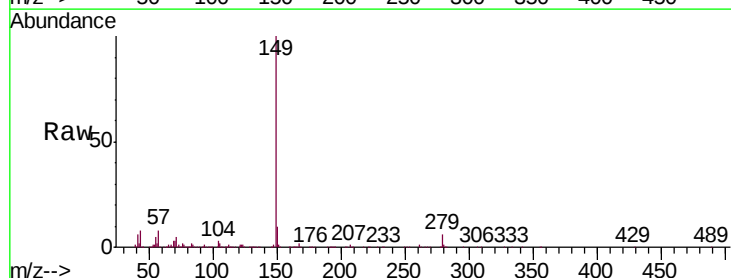
Tgt Ion:149 Resp: 618527

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

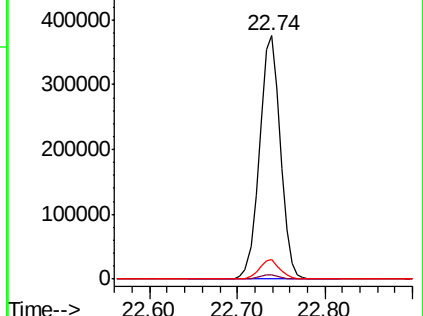
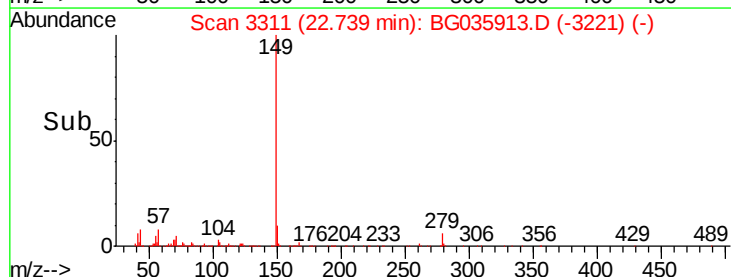
43 8.1 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

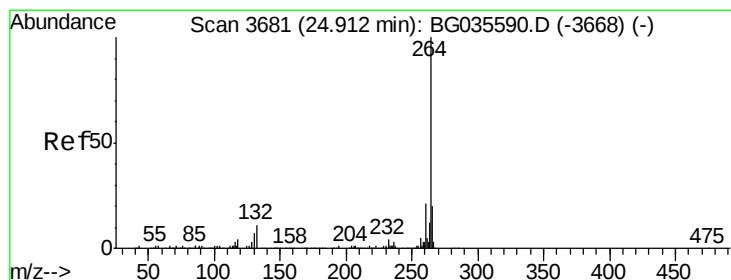
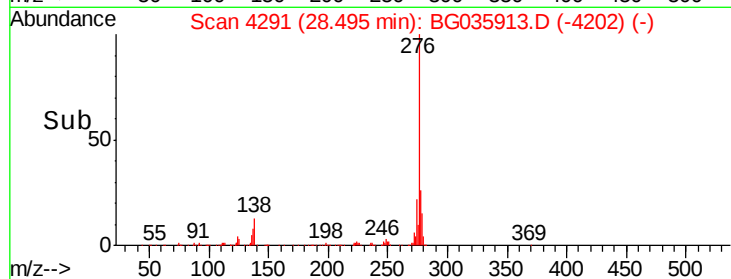
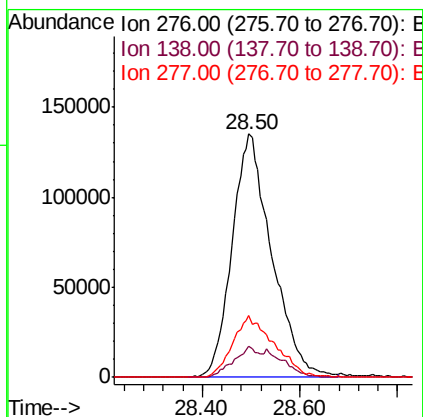
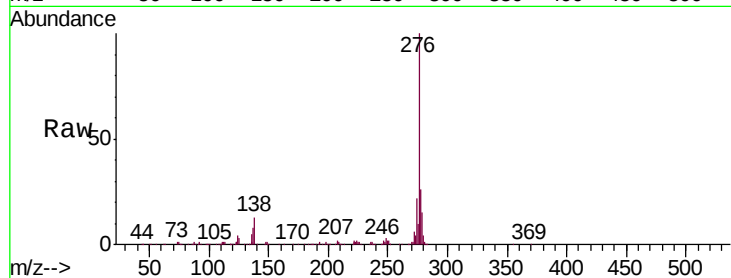




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.668 ng
 RT: 28.50 min Scan# 4291
 Delta R.T. -0.01 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

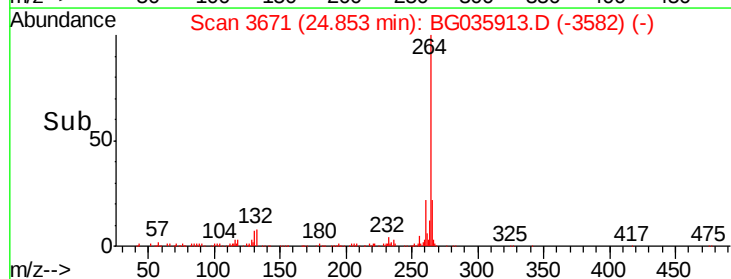
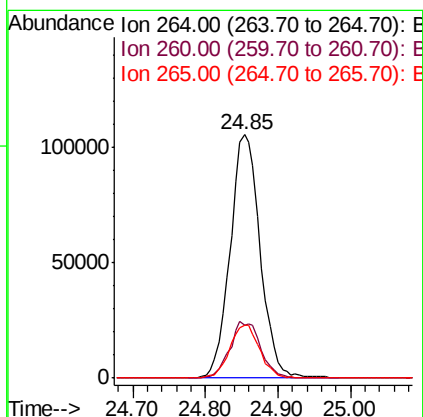
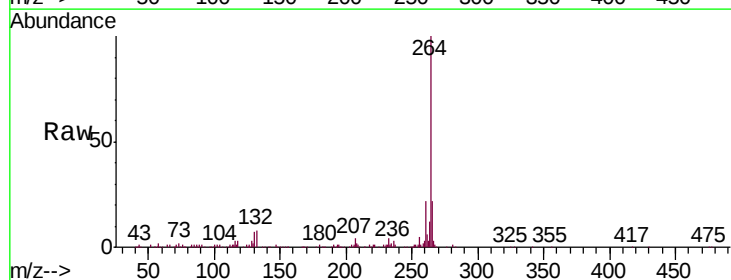
Instrument :
 BNA_G
 ClientSampleId :
 PB111441BS

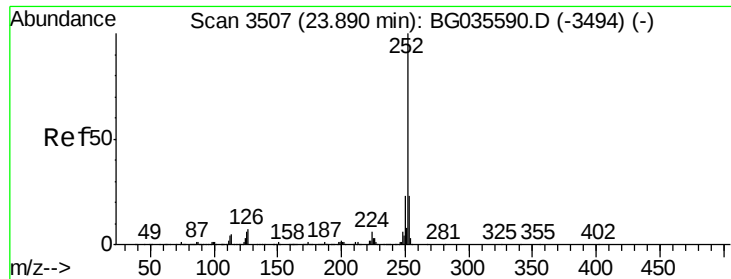
Tgt Ion:276 Resp: 761576
 Ion Ratio Lower Upper
 276 100
 138 7.9 16.0 24.0#
 277 26.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035913.D
 Acq: 26 Jul 2018 17:53

Tgt Ion:264 Resp: 303217
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.4 26.0
 265 21.5 17.7 26.5

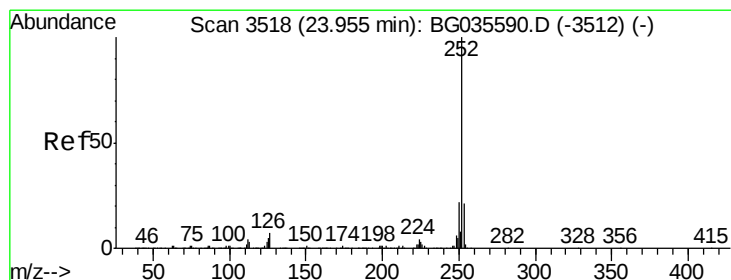
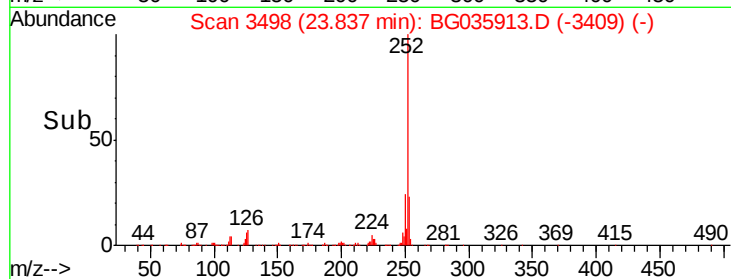
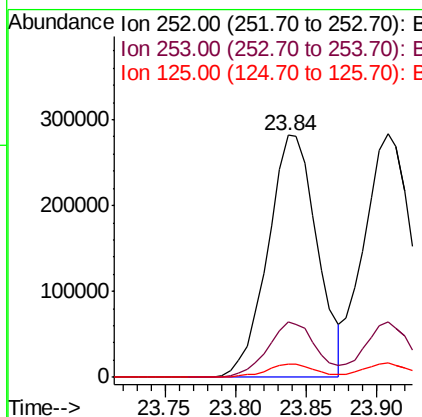
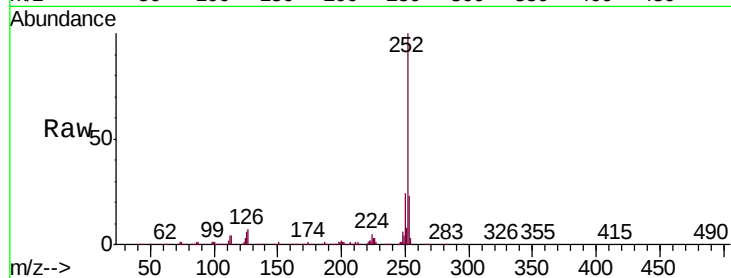




#87
Benzo(b)fluoranthene
Concen: 37.230 ng
RT: 23.84 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

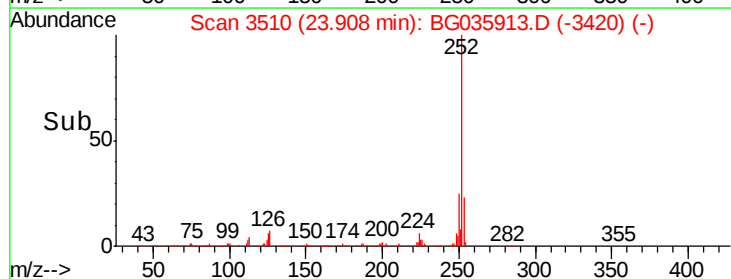
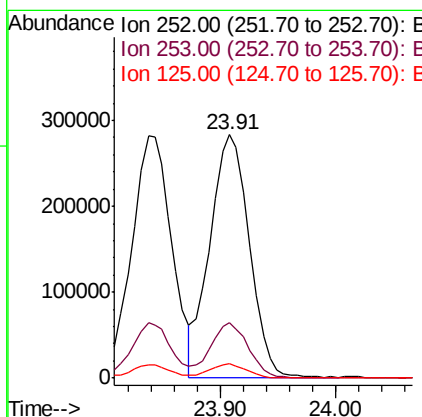
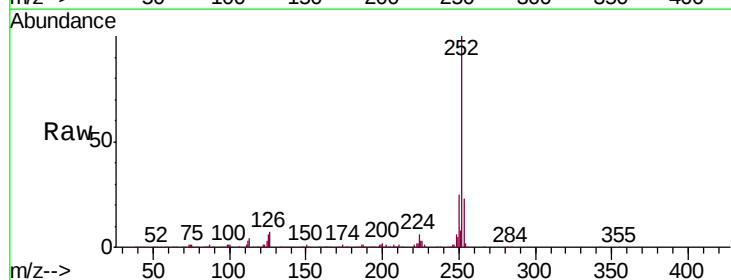
Instrument :
BNA_G
ClientSampleId :
PB111441BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	5.7	7.2	10.8



#88
Benzo(k)fluoranthene
Concen: 37.083 ng
RT: 23.91 min Scan# 3510
Delta R.T. -0.00 min
Lab File: BG035913.D
Acq: 26 Jul 2018 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	6.0	6.6	9.8





#89

Benzo(a)pyrene

Concen: 38.681 ng

RT: 24.70 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

BNA_G

ClientSampleId :

PB111441BS

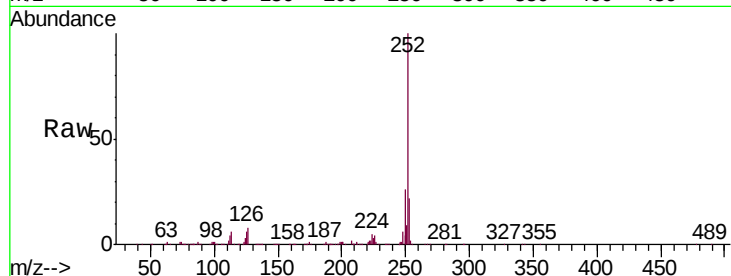
Tgt Ion:252 Resp: 663194

Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

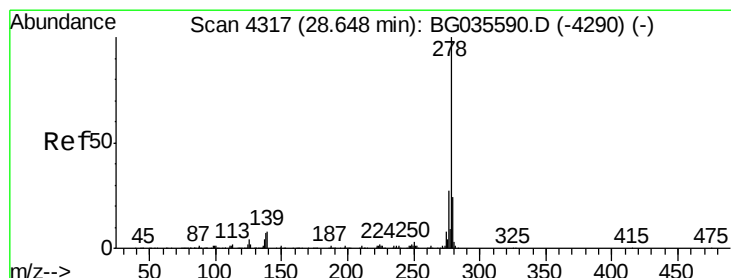
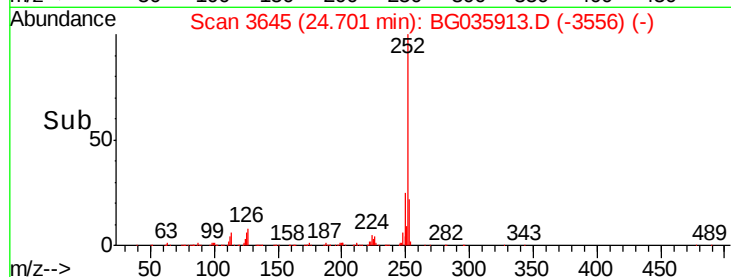
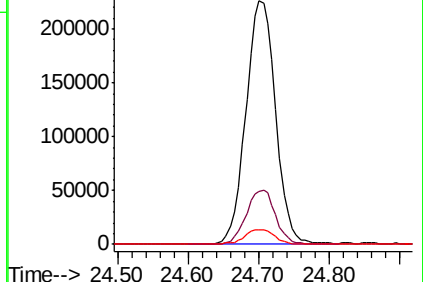
125 5.9 7.3 10.9#



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: 37.589 ng

RT: 28.56 min Scan# 4302

Delta R.T. -0.01 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

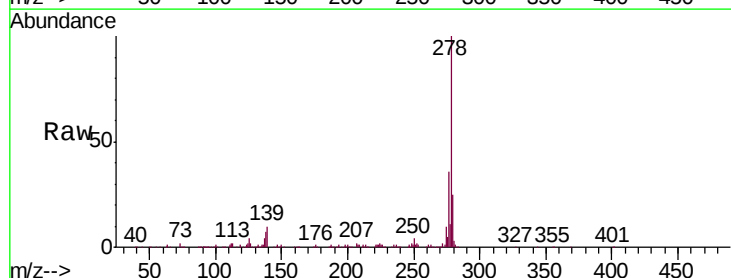
Tgt Ion:278 Resp: 632703

Ion Ratio Lower Upper

278 100

139 9.8 9.8 14.6

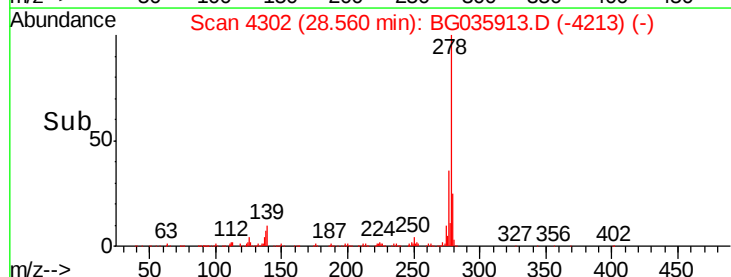
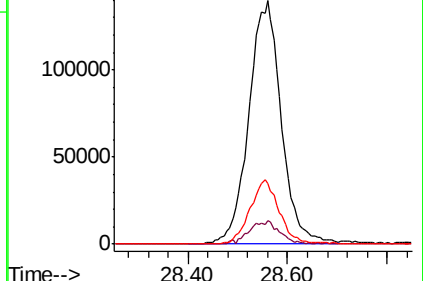
279 25.1 18.4 27.6

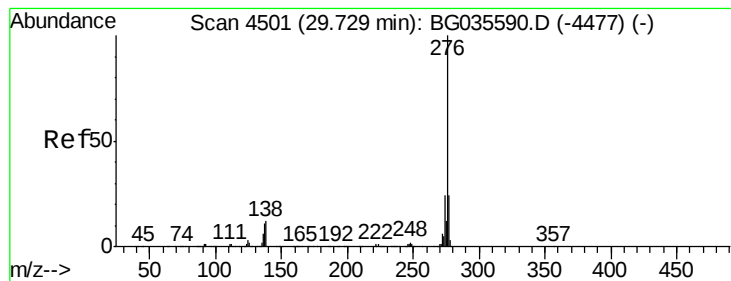


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.852 ng

RT: 29.64 min Scan# 4486

Delta R.T. 0.00 min

Lab File: BG035913.D

Acq: 26 Jul 2018 17:53

Instrument :

BNA_G

ClientSampleId :

PB111441BS

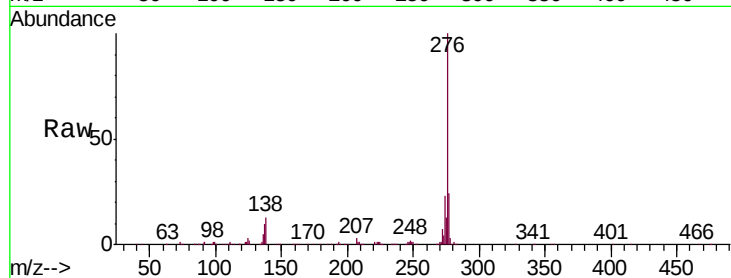
Tgt Ion: 276 Resp: 639941

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 12.6 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

