

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
 Data File : BG036198.D
 Acq On : 8 Aug 2018 15:17
 Operator : JU/SJ
 Sample : PB111868BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111868BSD

Quant Time: Aug 08 17:30:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28180	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	103714	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	76261	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	215304	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	246722	20.00	ng	-0.02
86) Perylene-d12	24.83	264	233378	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	224121	132.04	ng	-0.01
7) Phenol-d6	7.18	99	315880	124.73	ng	-0.01
23) Nitrobenzene-d5	9.17	82	208396	83.94	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	161159	160.33	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	489633	86.02	ng	-0.02
78) Terphenyl-d14	19.99	244	1044359	93.31	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	28398	32.872	ng	# 77
3) Pyridine	3.90	79	77512	34.369	ng	# 73
4) n-Nitrosodimethylamine	3.81	42	33352	34.441	ng	# 73
6) Aniline	7.34	93	97957	29.843	ng	95
8) 2-Chlorophenol	7.58	128	72028	41.724	ng	99
9) Benzaldehyde	7.15	77	40967	26.365	ng	94
10) Phenol	7.21	94	104473	40.834	ng	90
11) bis(2-Chloroethyl)ether	7.43	93	75989	37.925	ng	87
12) 1,3-Dichlorobenzene	7.90	146	87274	41.865	ng	# 92
13) 1,4-Dichlorobenzene	8.04	146	86913	41.033	ng	95
14) 1,2-Dichlorobenzene	8.36	146	82617	40.602	ng	96
15) Benzyl Alcohol	8.25	79	80703	35.093	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.54	45	77318	46.027	ng	67
17) 2-Methylphenol	8.45	107	71872	41.317	ng	# 88
18) Hexachloroethane	9.09	117	33266	41.076	ng	90
19) n-Nitroso-di-n-propylamine	8.81	70	65728	30.822	ng	88
20) 3+4-Methylphenols	8.79	107	93972	38.941	ng	90
22) Acetophenone	8.83	105	126260	39.148	ng	# 91
24) Nitrobenzene	9.21	77	104385	41.807	ng	# 92
25) Isophorone	9.73	82	186952	40.565	ng	99
26) 2-Nitrophenol	9.92	139	42312	47.716	ng	# 83
27) 2,4-Dimethylphenol	9.99	122	75392	50.227	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	96904	38.158	ng	98
29) 2,4-Dichlorophenol	10.46	162	85699	50.016	ng	91
30) 1,2,4-Trichlorobenzene	10.67	180	97541	46.425	ng	95
31) Naphthalene	10.86	128	226184	41.866	ng	98
32) Benzoic acid	10.16	122	20271	20.061	ng	90
33) 4-Chloroaniline	10.98	127	59681	25.346	ng	# 91
34) Hexachlorobutadiene	11.14	225	75357	45.995	ng	98
35) Caprolactam	11.76	113	20134	27.382	ng	# 65
36) 4-Chloro-3-methylphenol	12.10	107	104004	45.284	ng	89
37) 2-Methylnaphthalene	12.46	142	175914	43.706	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	126780	44.046	ng	99
40) Hexachlorocyclopentadiene	12.81	237	152462	100.999	ng	93

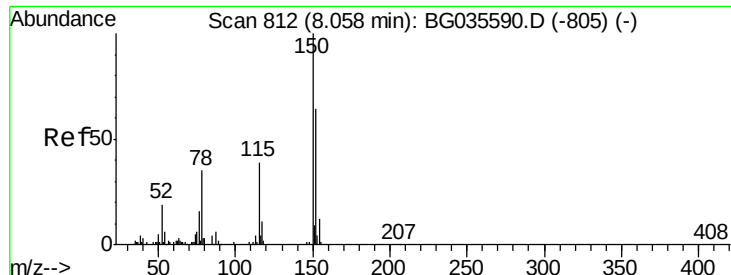
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	80000	47.526	ng	95
43) 2,4,5-Trichlorophenol	13.15	196	89327	47.437	ng	95
45) 1,1'-Biphenyl	13.46	154	241873	40.909	ng	97
46) 2-Chloronaphthalene	13.51	162	194085	42.202	ng	99
47) 2-Nitroaniline	13.72	65	69073	42.483	ng	97
48) Acenaphthylene	14.36	152	326843	42.426	ng	99
49) Dimethylphthalate	14.09	163	269176	40.286	ng	99
50) 2,6-Dinitrotoluene	14.21	165	65750	48.323	ng #	89
51) Acenaphthene	14.70	154	187565	39.084	ng	97
52) 3-Nitroaniline	14.55	138	45147	32.465	ng #	96
53) 2,4-Dinitrophenol	14.75	184	50854	73.284	ng #	68
54) Dibenzofuran	15.03	168	326067	42.723	ng	95
55) 4-Nitrophenol	14.86	139	75667	76.403	ng #	88
56) 2,4-Dinitrotoluene	15.00	165	93958	48.134	ng	93
57) Fluorene	15.68	166	274999	42.990	ng	92
58) 2,3,4,6-Tetrachlorophenol	15.26	232	87411	48.414	ng	94
59) Diethylphthalate	15.45	149	277797	40.434	ng	99
60) 4-Chlorophenyl-phenylether	15.67	204	159769	42.495	ng	93
61) 4-Nitroaniline	15.71	138	59006	40.563	ng #	82
62) Azobenzene	15.96	77	278155	41.045	ng	96
64) 4,6-Dinitro-2-methylphenol	15.77	198	51545	43.007	ng	87
65) n-Nitrosodiphenylamine	15.88	169	248624	40.569	ng	95
66) 4-Bromophenyl-phenylether	16.57	248	114102	45.679	ng	95
67) Hexachlorobenzene	16.69	284	115583	44.933	ng #	91
68) Atrazine	16.84	200	115512	45.780	ng	96
69) Pentachlorophenol	17.04	266	103604	66.124	ng	98
70) Phenanthrene	17.42	178	462706	43.069	ng	99
71) Anthracene	17.51	178	472851	44.202	ng	98
72) Carbazole	17.78	167	433016	42.623	ng	99
73) Di-n-butylphthalate	18.33	149	496060	41.320	ng #	98
74) Fluoranthene	19.43	202	640392	44.253	ng	97
76) Benzidine	19.61	184	216044	33.307	ng	97
77) Pyrene	19.79	202	638902	40.954	ng	97
79) Butylbenzylphthalate	20.67	149	236510	42.394	ng	94
80) Benzo(a)anthracene	21.62	228	639983	41.625	ng	98
81) 3,3'-Dichlorobenzidine	21.54	252	176226	32.872	ng #	99
82) Chrysene	21.69	228	601712	42.232	ng	97
83) Bis(2-ethylhexyl)phthalate	21.52	149	320562	42.266	ng #	100
84) Di-n-octyl phthalate	22.71	149	543118	42.768	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	669162	42.421	ng #	84
87) Benzo(b)fluoranthene	23.82	252	612473	43.179	ng #	96
88) Benzo(k)fluoranthene	23.89	252	583860	42.103	ng #	96
89) Benzo(a)pyrene	24.68	252	583518	44.218	ng #	96
90) Dibenzo(a,h)anthracene	28.51	278	551767	42.590	ng #	95
91) Benzo(g,h,i)perylene	29.60	276	560641	44.224	ng #	92

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

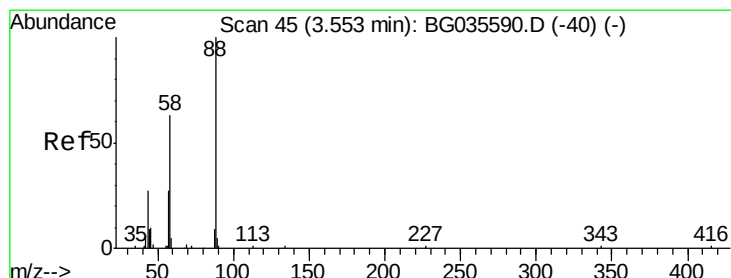
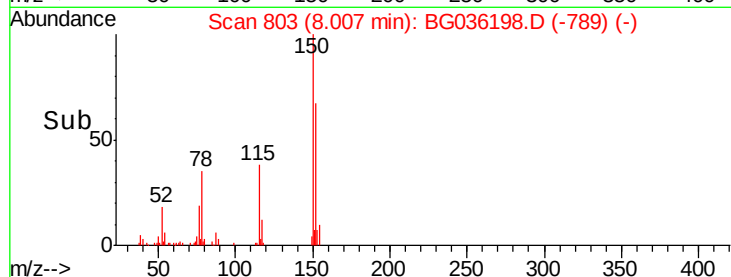
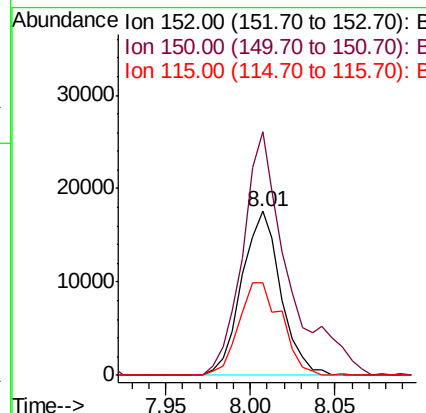
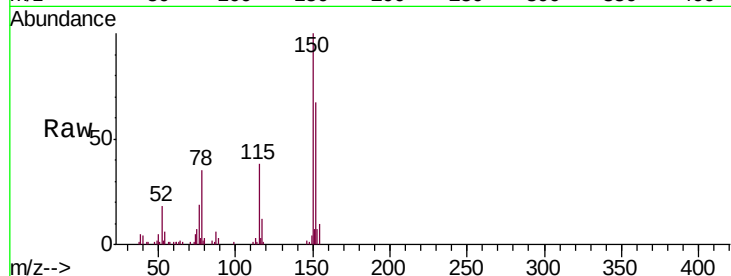


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Instrument :
BNA_G
ClientSampleId :
PB111868BSD

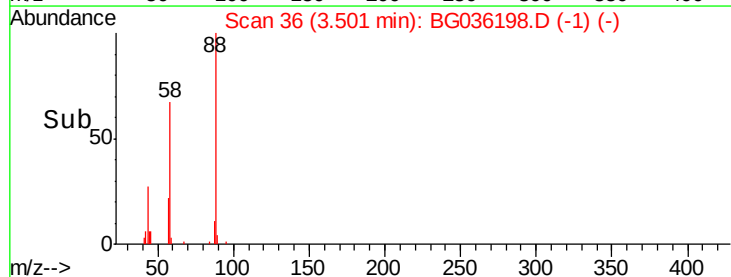
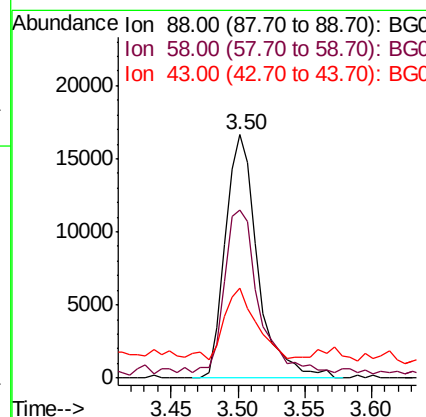
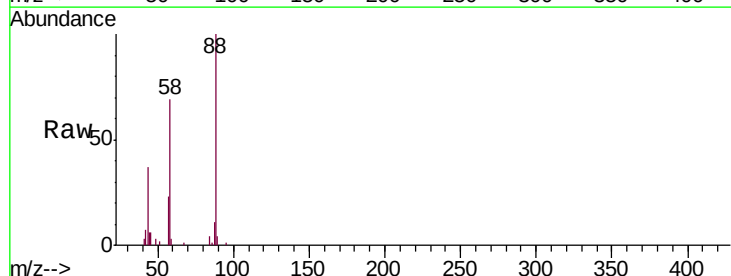
Tgt Ion: 152 Resp: 28180
Ion Ratio Lower Upper
152 100
150 148.8 126.6 189.8
115 56.8 53.0 79.4

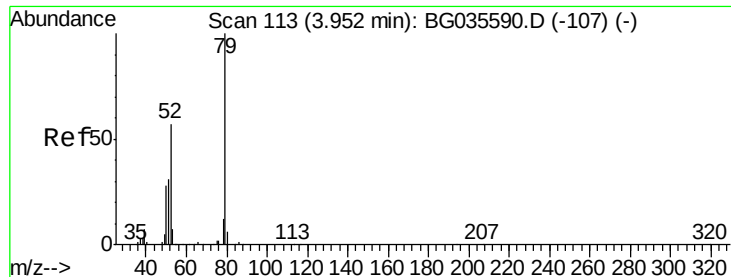


#2

1,4-Dioxane
Concen: 32.872 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Tgt Ion: 88 Resp: 28398
Ion Ratio Lower Upper
88 100
58 71.3 79.6 119.4#
43 29.1 27.4 41.0





#3

Pyridine

Concen: 34.369 ng

RT: 3.90 min Scan# 103

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

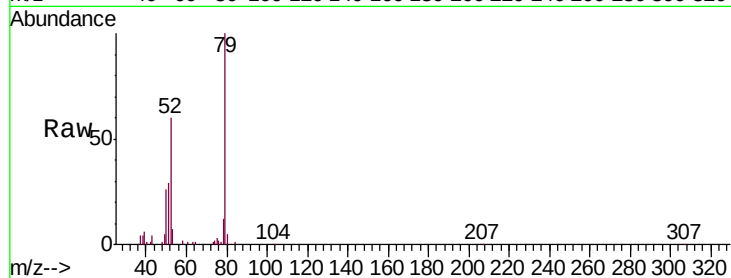
Tgt Ion: 79 Resp: 77512

Ion Ratio Lower Upper

79 100

52 60.3 69.9 104.9#

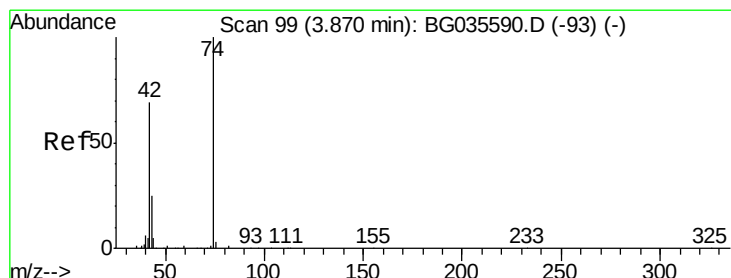
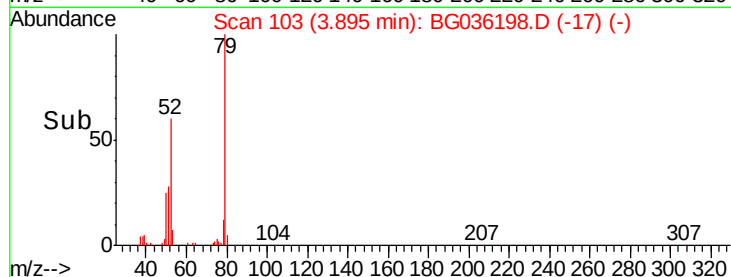
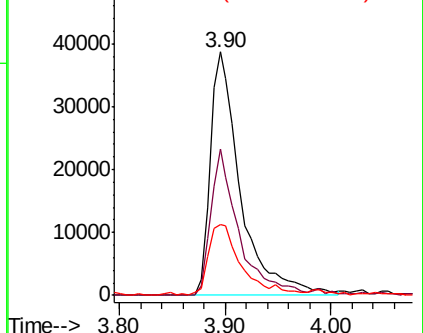
51 29.2 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.441 ng

RT: 3.81 min Scan# 89

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

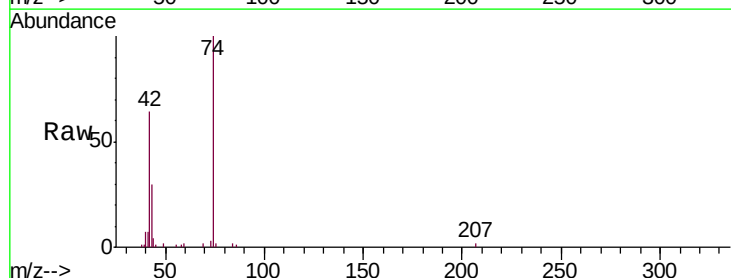
Tgt Ion: 42 Resp: 33352

Ion Ratio Lower Upper

42 100

74 156.6 102.5 153.7#

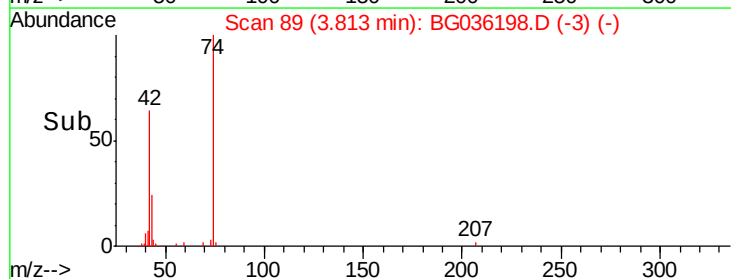
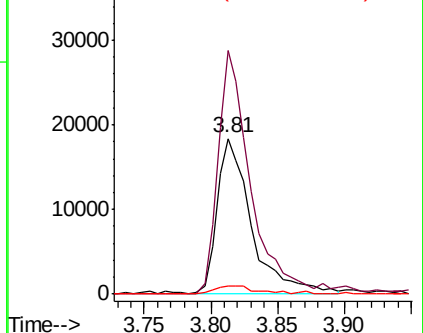
44 5.5 18.9 28.3#

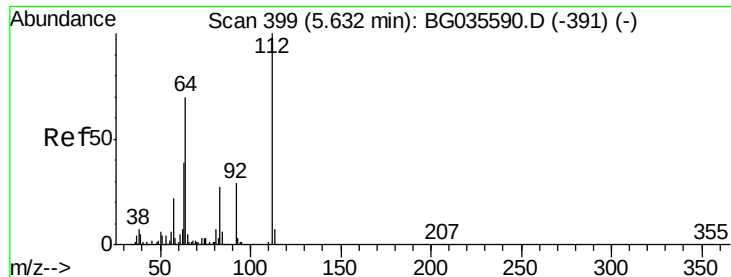


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 132.042 ng

RT: 5.59 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

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ClientSampleId :

PB111868BSD

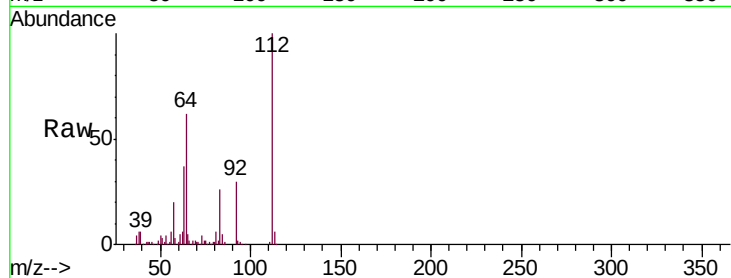
Tgt Ion: 112 Resp: 224121

Ion Ratio Lower Upper

112 100

64 61.8 56.3 84.5

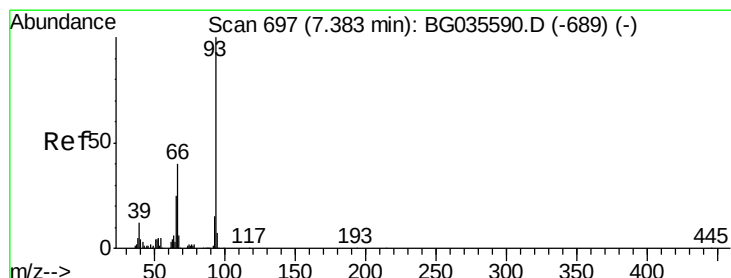
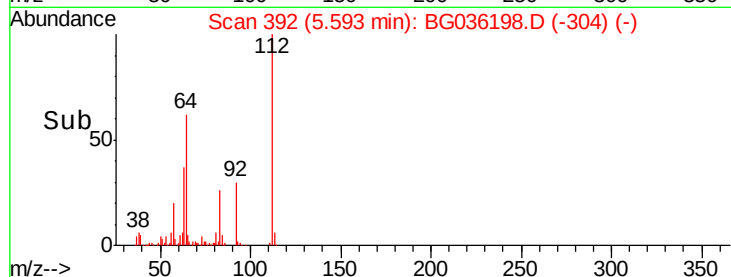
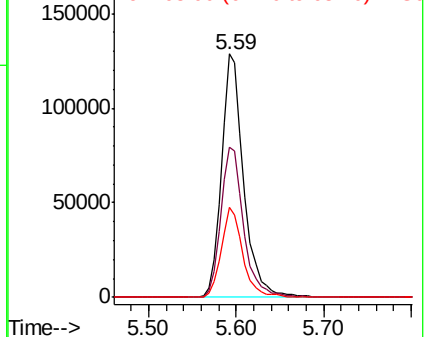
63 37.1 30.1 45.1



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: 29.843 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

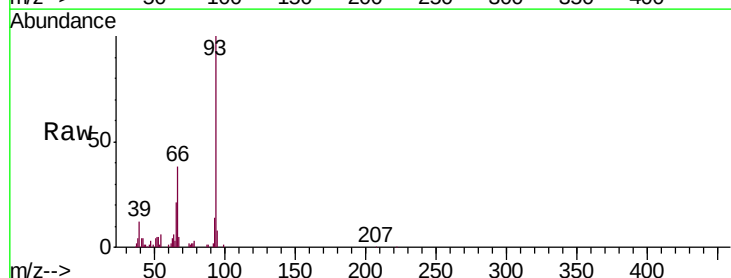
Tgt Ion: 93 Resp: 97957

Ion Ratio Lower Upper

93 100

66 38.3 33.7 50.5

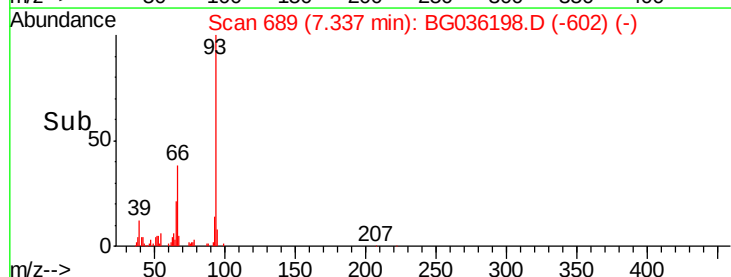
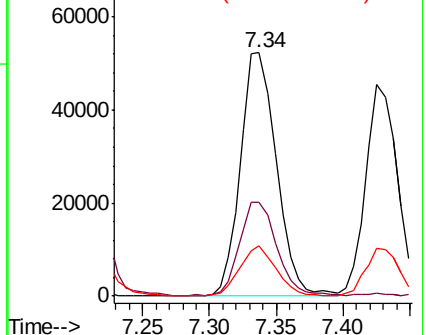
65 20.8 16.1 24.1

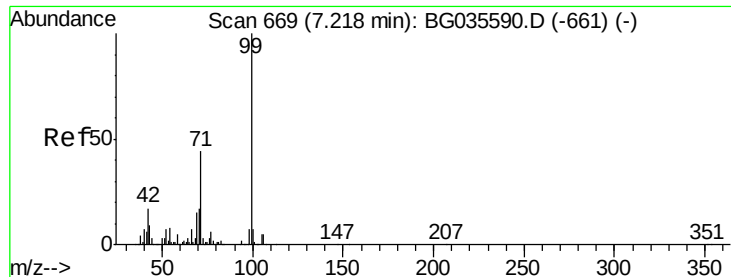


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.734 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

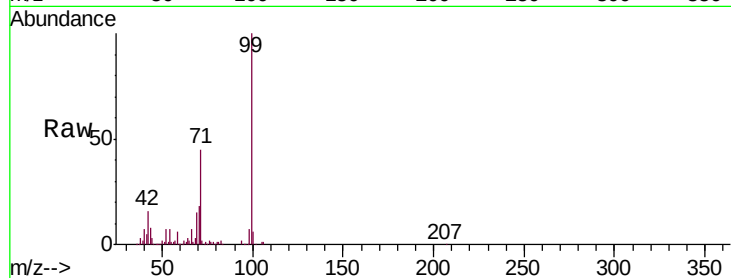
Tgt Ion: 99 Resp: 315880

Ion Ratio Lower Upper

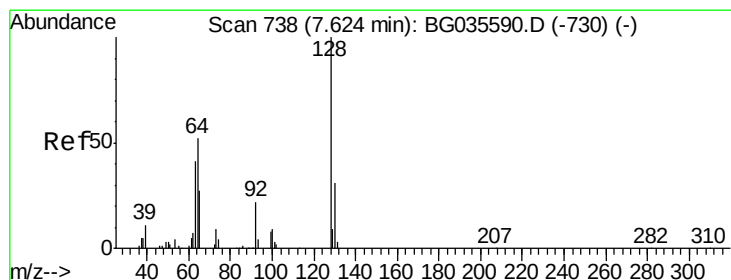
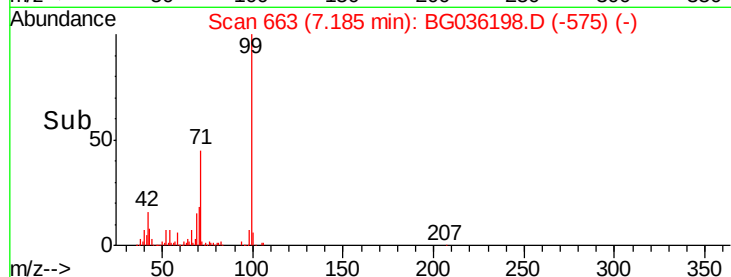
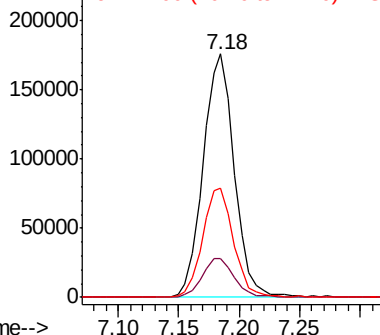
99 100

42 15.9 14.1 21.1

71 45.0 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: 41.724 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

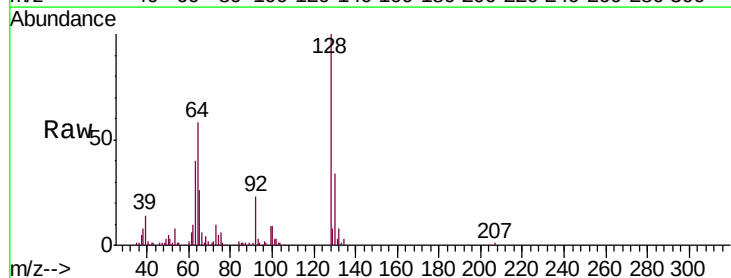
Tgt Ion: 128 Resp: 72028

Ion Ratio Lower Upper

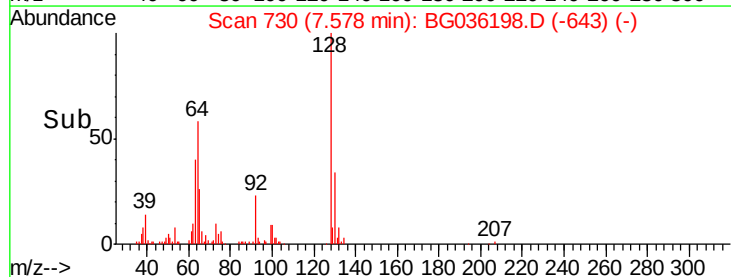
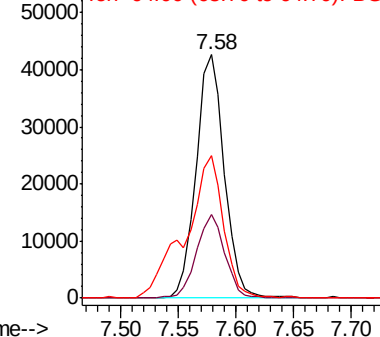
128 100

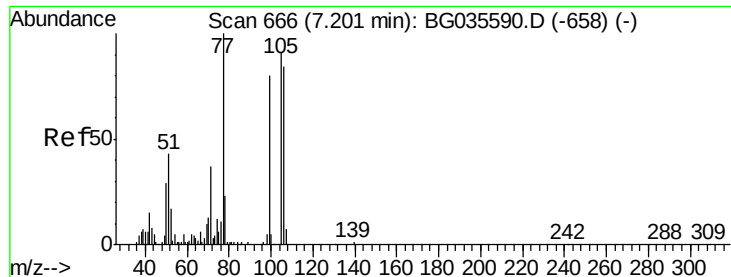
130 34.3 14.0 54.0

64 58.4 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 26.365 ng

RT: 7.15 min Scan# 657

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

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ClientSampleId :

PB111868BSD

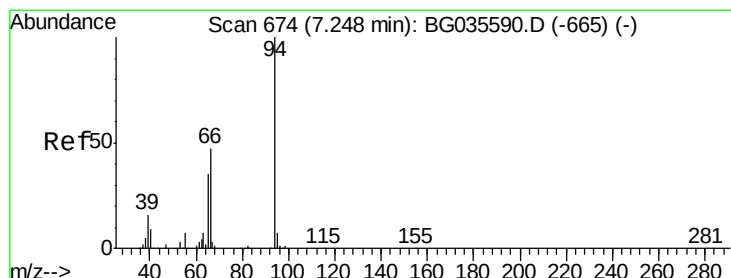
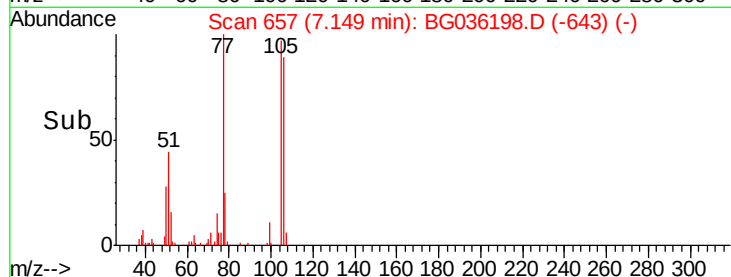
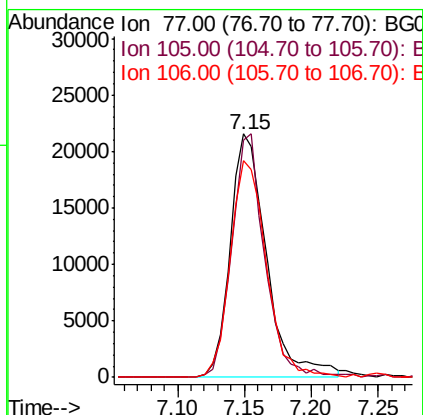
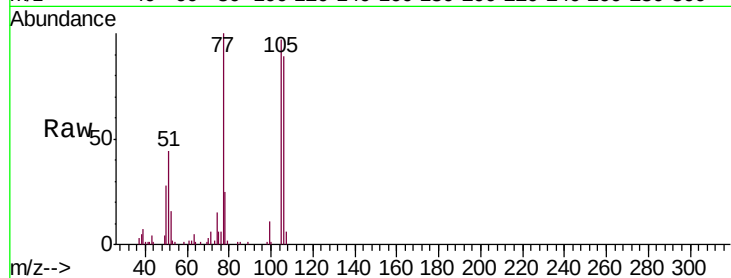
Tgt Ion: 77 Resp: 40967

Ion Ratio Lower Upper

77 100

105 97.3 71.3 111.3

106 89.2 64.2 104.2



#10

Phenol

Concen: 40.834 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

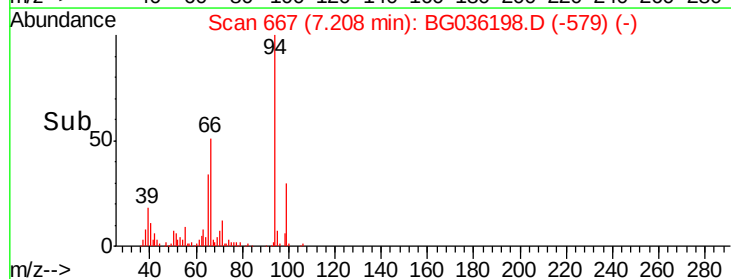
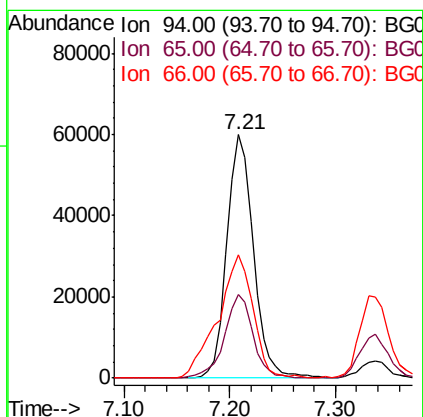
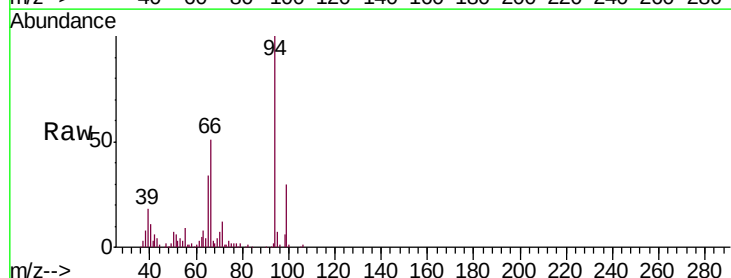
Tgt Ion: 94 Resp: 104473

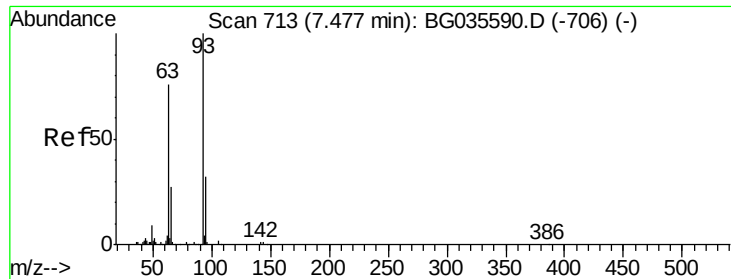
Ion Ratio Lower Upper

94 100

65 34.4 11.9 51.9

66 50.7 22.2 62.2

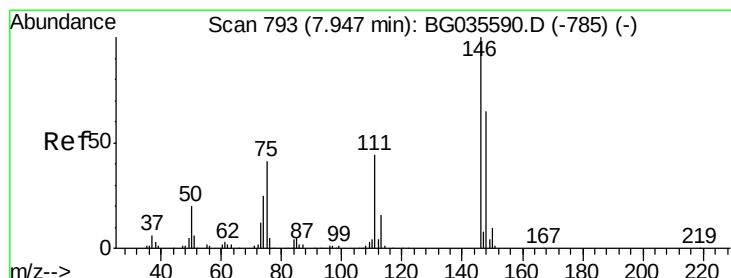
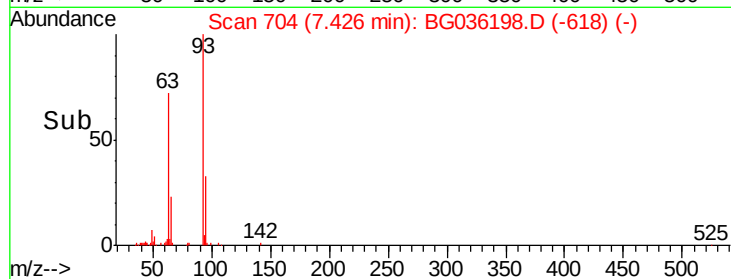
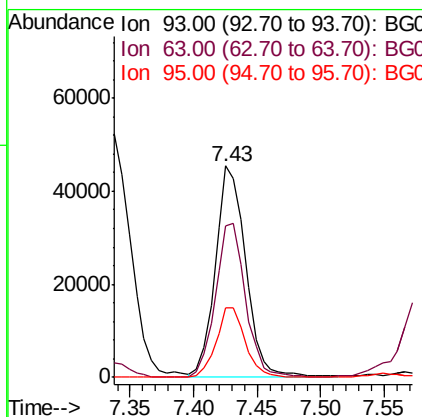
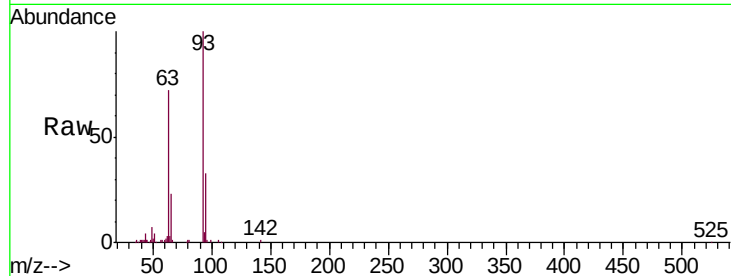




#11
bis(2-Chloroethyl)ether
Concen: 37.925 ng
RT: 7.43 min Scan# 704
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

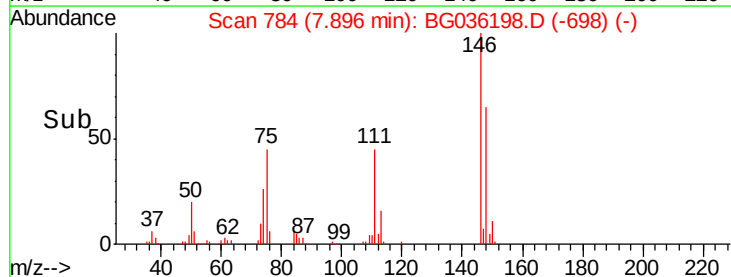
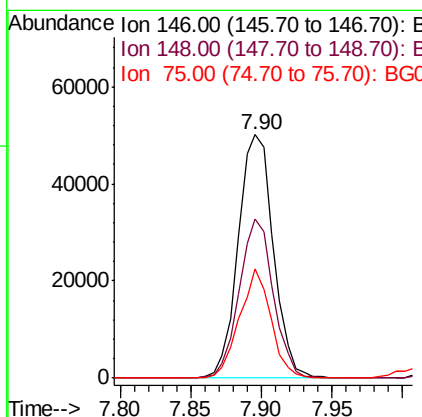
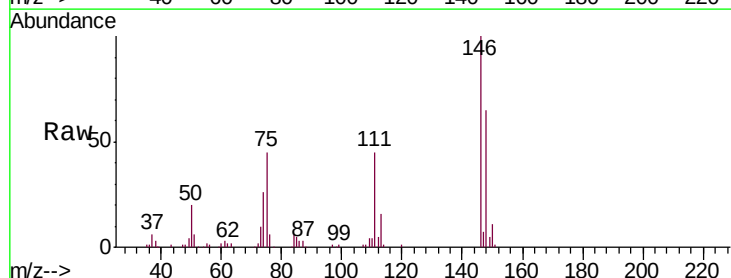
Instrument :
BNA_G
ClientSampleId :
PB111868BSD

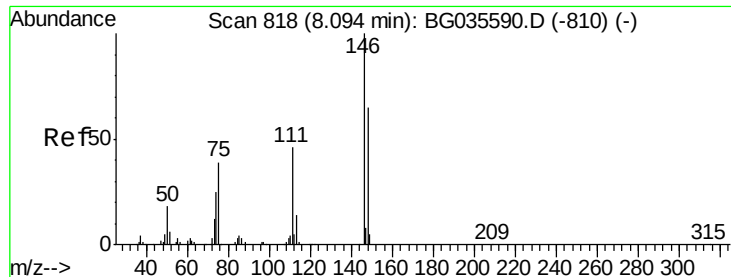
Tgt Ion: 93 Resp: 75989
Ion Ratio Lower Upper
93 100
63 72.0 67.1 107.1
95 32.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.865 ng
RT: 7.90 min Scan# 784
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Tgt Ion: 146 Resp: 87274
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.2
75 45.0 26.6 39.8#

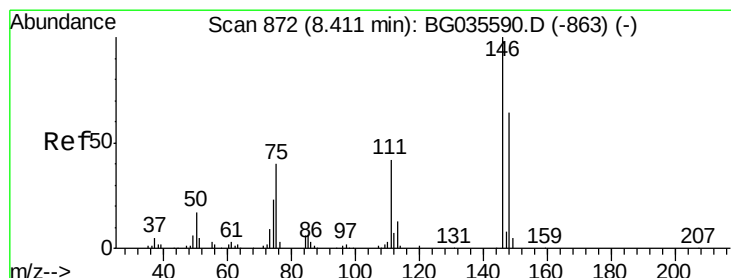
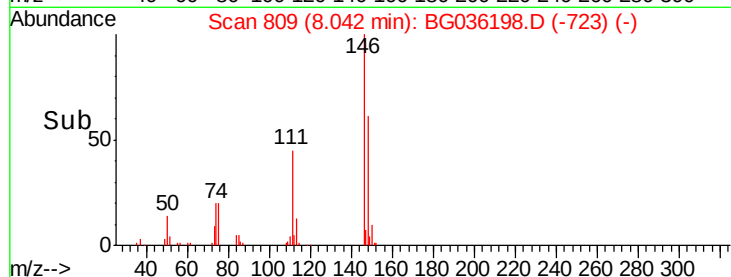
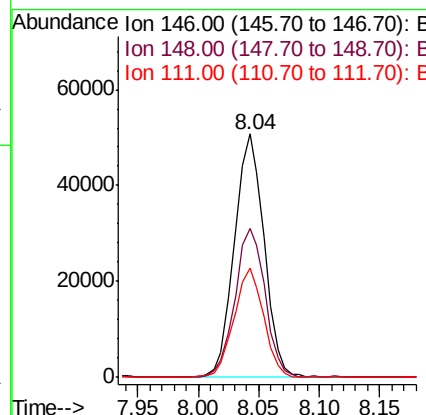
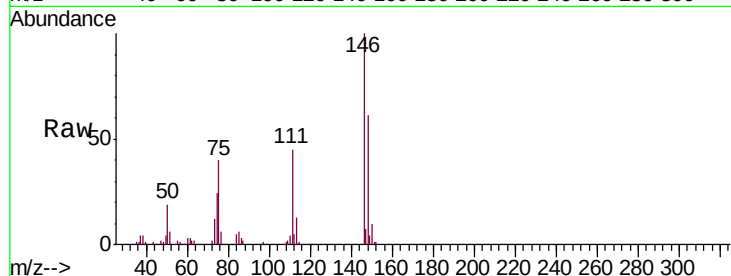




#13
 1,4-Dichlorobenzene
 Concen: 41.033 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

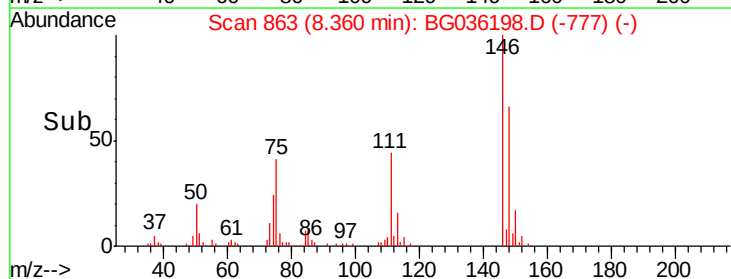
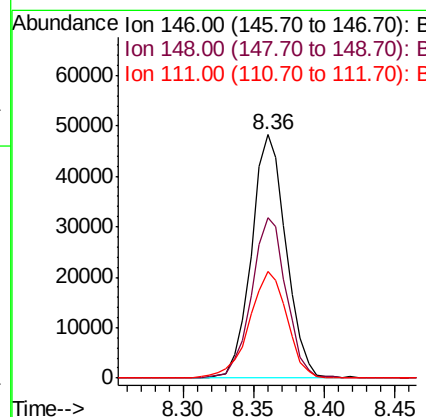
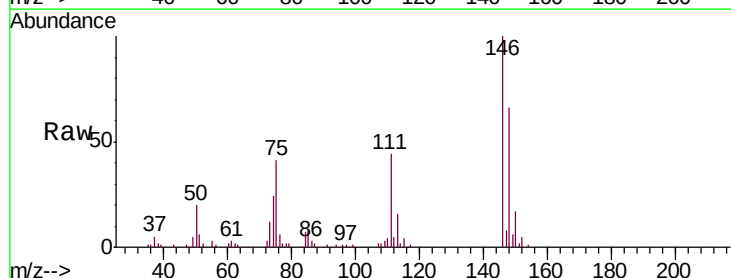
Instrument :
 BNA_G
 ClientSampleId :
 PB111868BSD

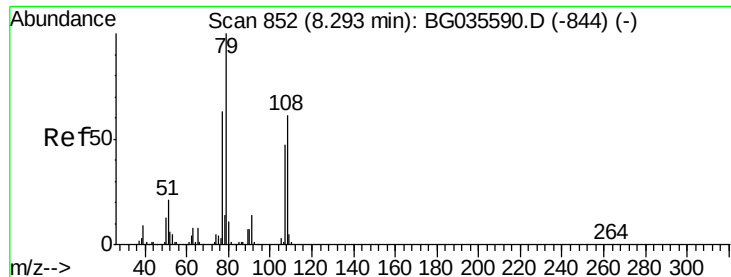
Tgt Ion:146 Resp: 86913
 Ion Ratio Lower Upper
 146 100
 148 61.2 53.7 80.5
 111 45.1 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 40.602 ng
 RT: 8.36 min Scan# 863
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Tgt Ion:146 Resp: 82617
 Ion Ratio Lower Upper
 146 100
 148 65.7 49.3 73.9
 111 44.1 34.3 51.5





#15

Benzyl Alcohol

Concen: 35.093 ng

RT: 8.25 min Scan# 844

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

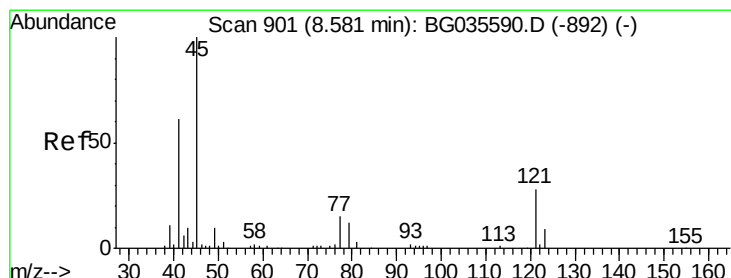
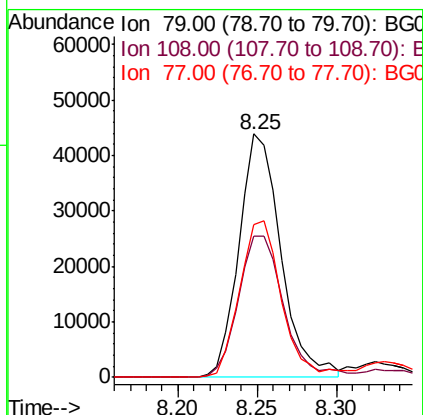
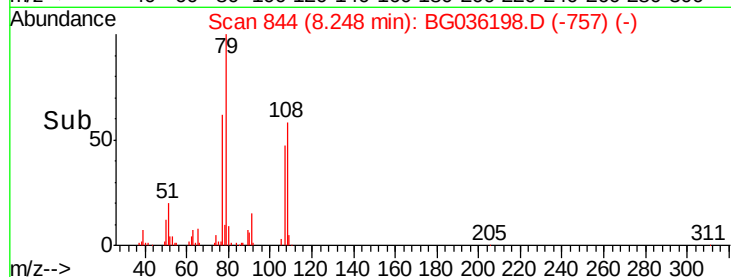
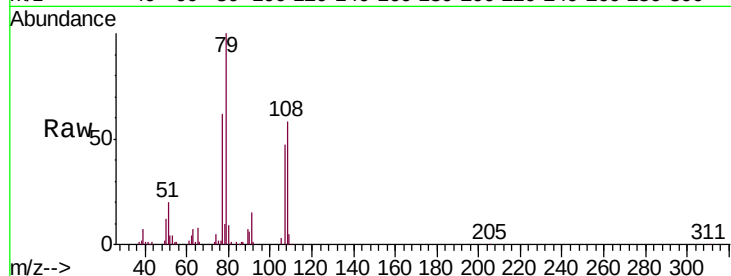
Tgt Ion: 79 Resp: 80703

Ion Ratio Lower Upper

79 100

108 58.2 57.2 85.8

77 62.5 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.027 ng

RT: 8.54 min Scan# 893

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

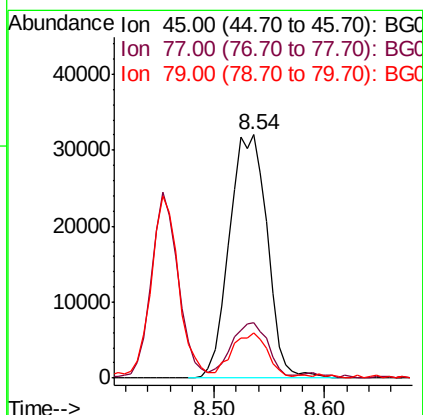
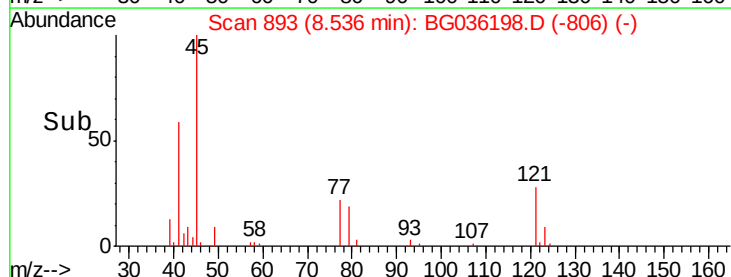
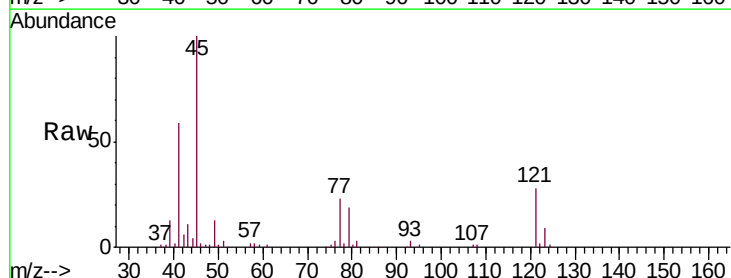
Tgt Ion: 45 Resp: 77318

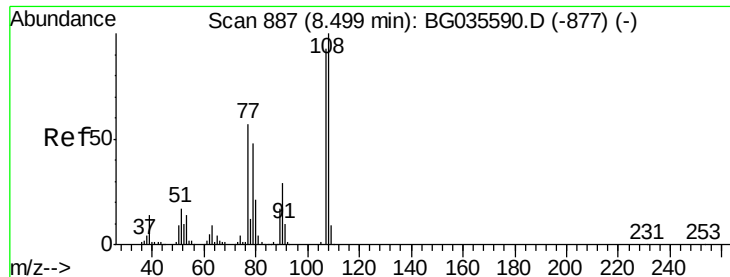
Ion Ratio Lower Upper

45 100

77 22.9 0.0 30.2

79 18.7 0.0 27.9





#17

2-Methylphenol

Concen: 41.317 ng

RT: 8.45 min Scan# 879

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

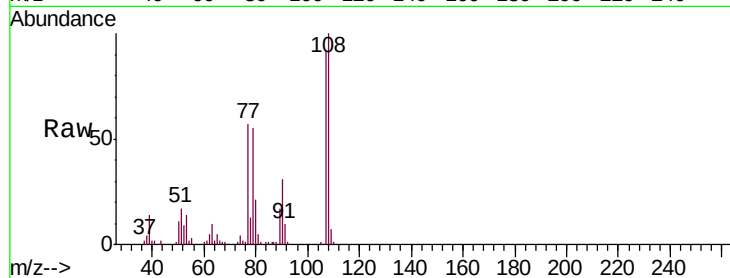
Instrument :

BNA_G

ClientSampleId :

PB111868BSD

Tgt Ion:	107	Resp:	71872
Ion	Ratio	Lower	Upper
107	100		
108	108.3	83.9	125.9
77	61.6	37.2	55.8#
79	60.1	36.2	54.2#



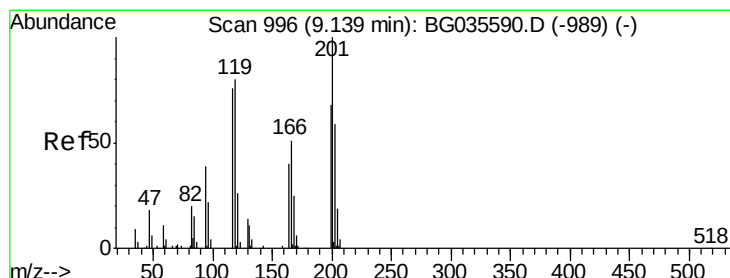
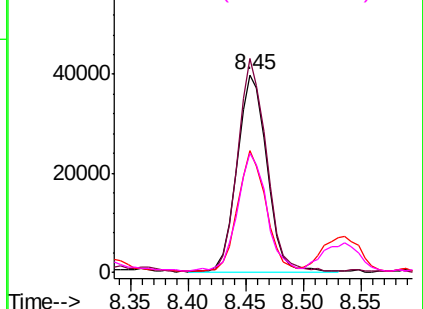
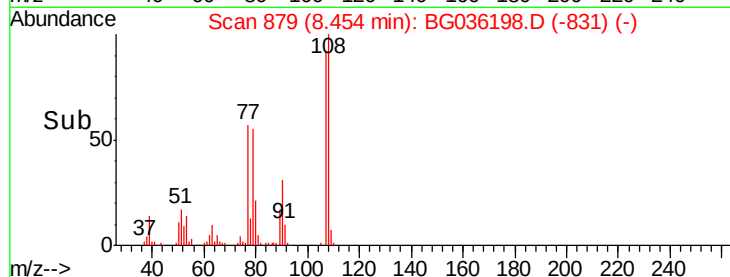
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 41.076 ng

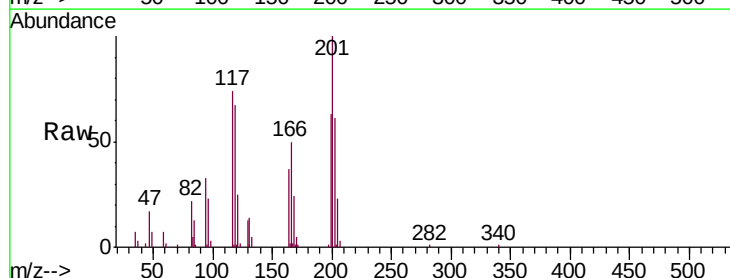
RT: 9.09 min Scan# 987

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Tgt Ion:	117	Resp:	33266
Ion	Ratio	Lower	Upper
117	100		
119	90.7	76.7	115.1
201	135.6	95.7	143.5

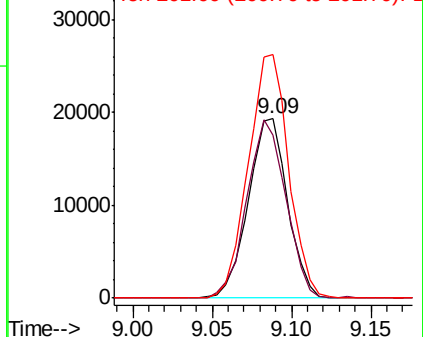
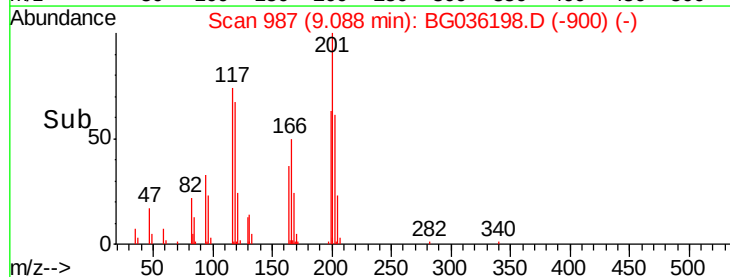


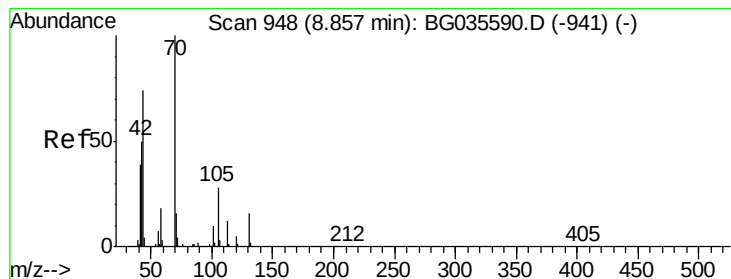
Abundance

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: 30.822 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

Tgt Ion: 70 Resp: 65728

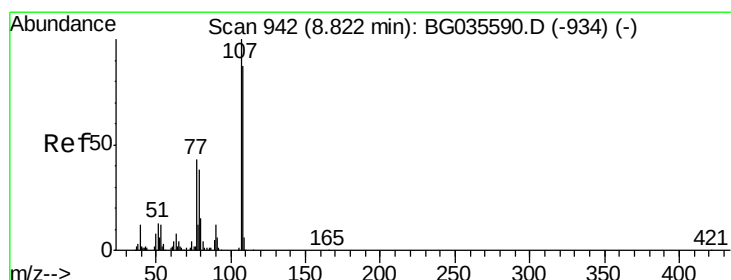
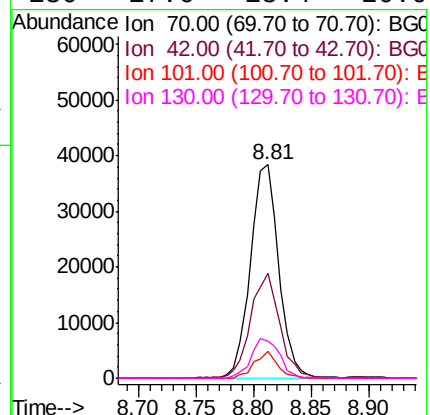
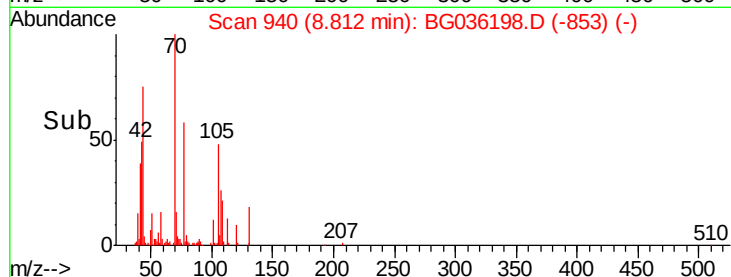
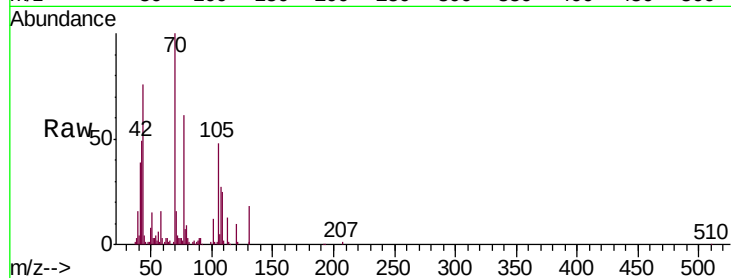
Ion Ratio Lower Upper

70 100

42 49.2 49.1 73.7

101 12.4 8.5 12.7

130 17.6 13.4 20.0



#20

3+4-Methylphenols

Concen: 38.941 ng

RT: 8.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Tgt Ion: 107 Resp: 93972

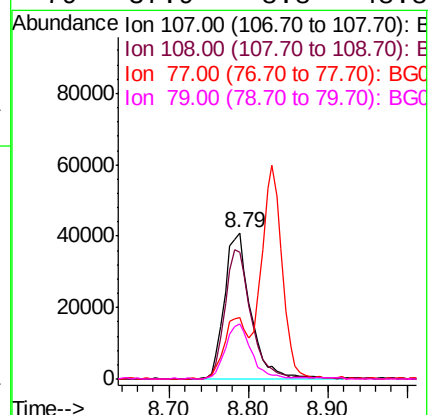
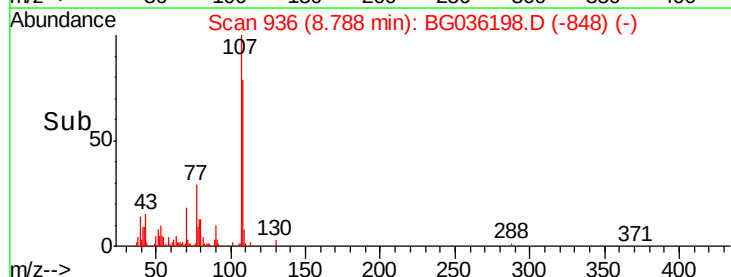
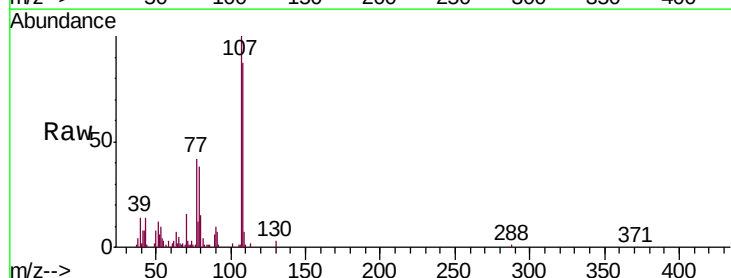
Ion Ratio Lower Upper

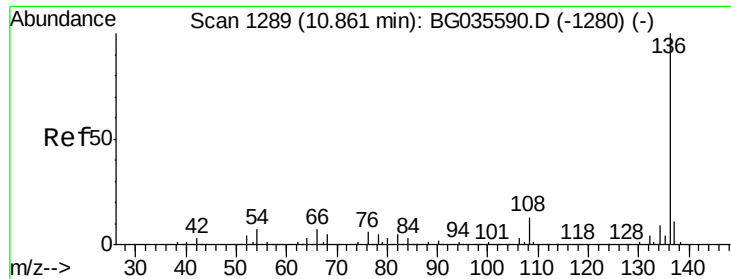
107 100

108 86.9 61.6 101.6

77 42.2 13.9 53.9

79 37.9 8.8 48.8

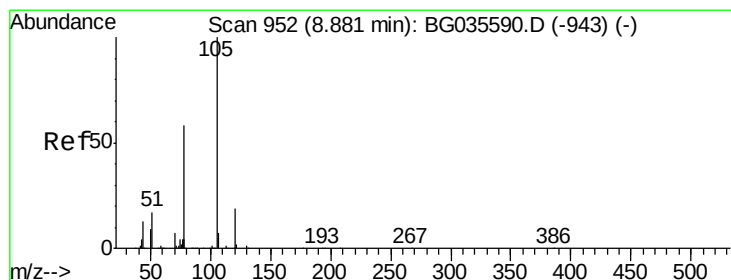
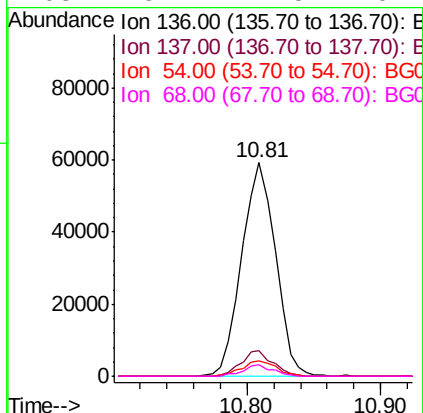
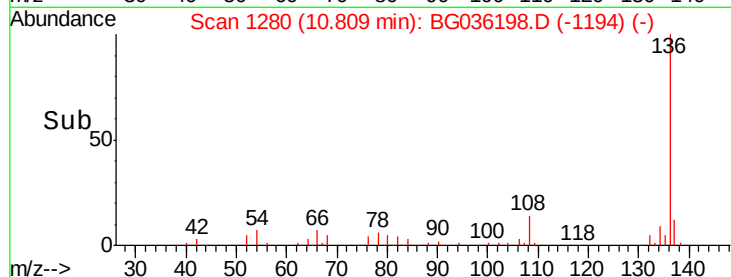
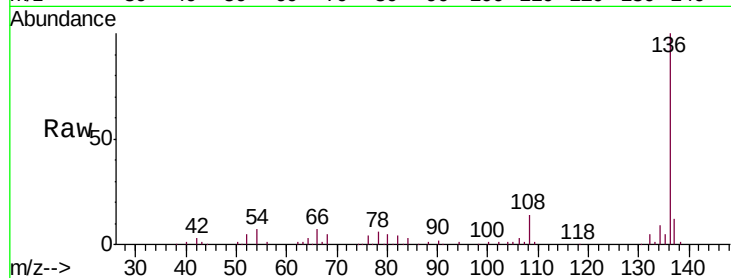




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

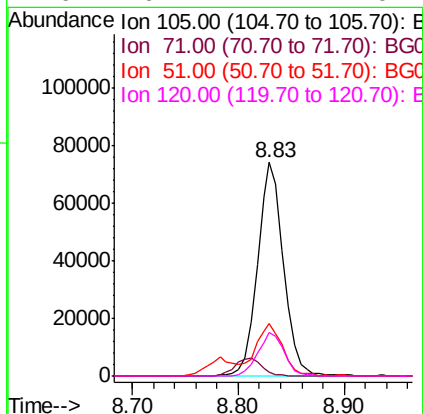
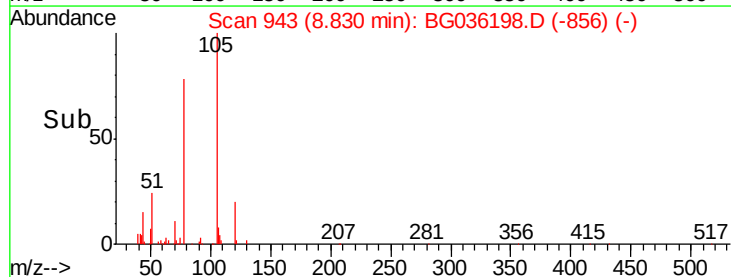
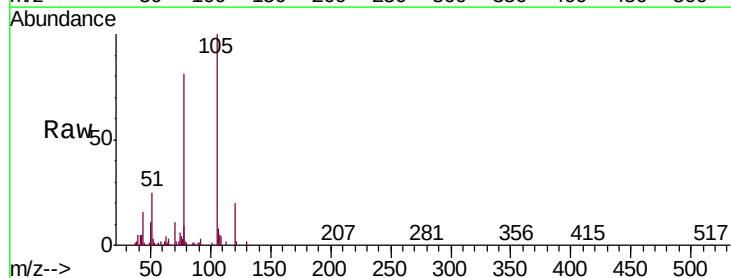
Instrument :
BNA_G
ClientSampleId :
PB111868BSD

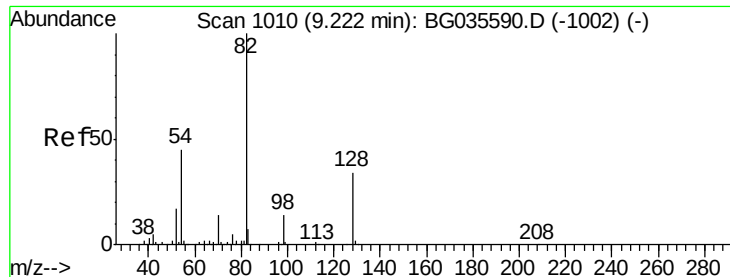
Tgt Ion:	136	Resp:	103714
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	6.9	10.3	15.5#
68	5.4	4.5	6.7



#22
Acetophenone
Concen: 39.148 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Tgt Ion:	105	Resp:	126260
Ion	Ratio	Lower	Upper
105	100		
71	1.9	3.0	4.4#
51	24.6	26.1	39.1#
120	20.4	17.4	26.2

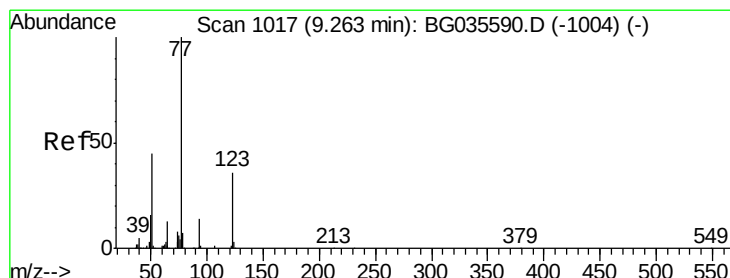
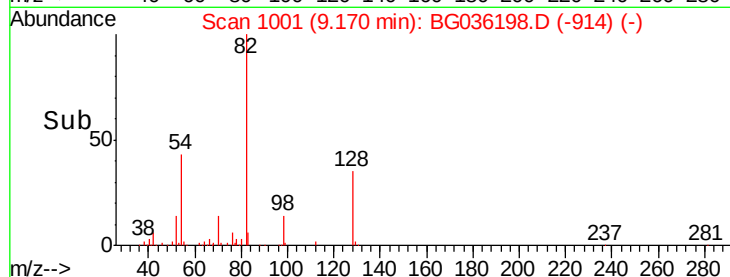
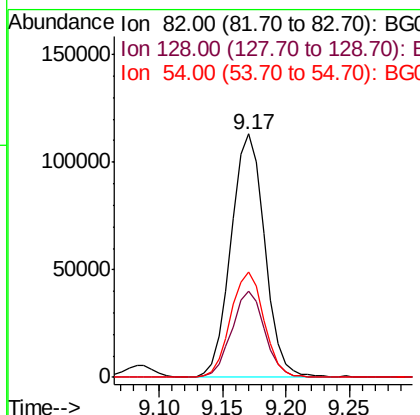
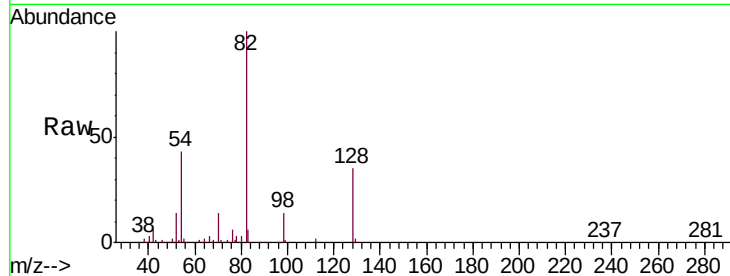




#23
 Nitrobenzene-d5
 Concen: 83.939 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

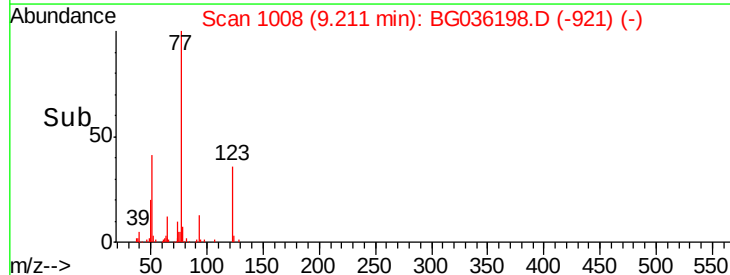
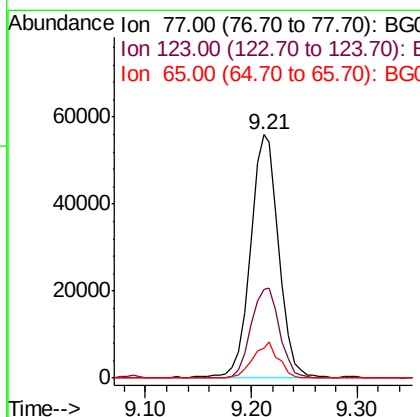
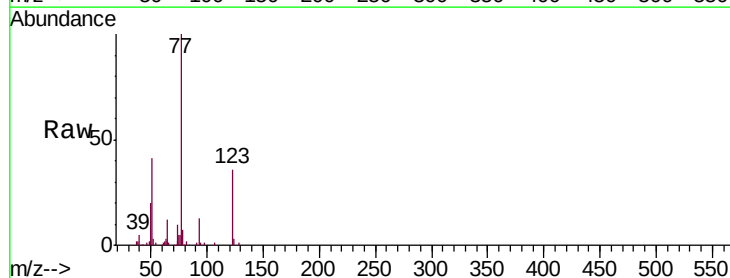
Instrument :
 BNA_G
 ClientSampleId :
 PB111868BSD

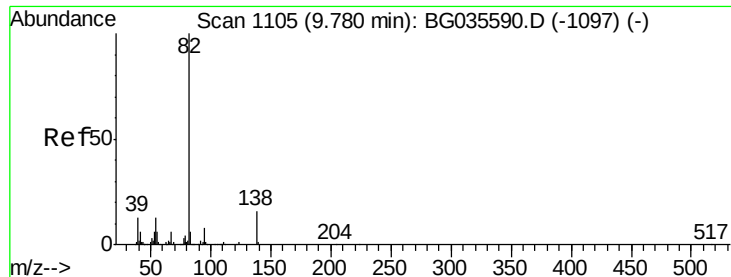
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.7	44.5
54	43.3	43.1	64.7



#24
 Nitrobenzene
 Concen: 41.807 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.3	33.0	49.6
65	12.3	13.0	19.6#





#25

Isophorone

Concen: 40.565 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

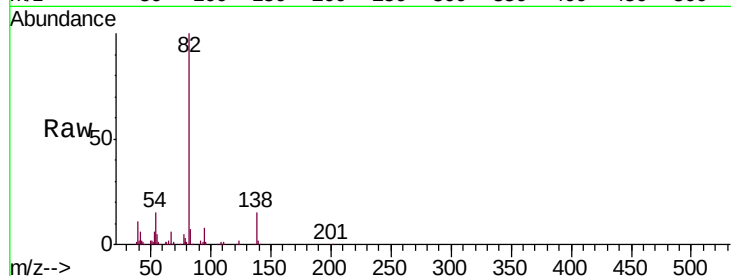
Tgt Ion: 82 Resp: 186952

Ion Ratio Lower Upper

82 100

95 8.5 6.2 9.2

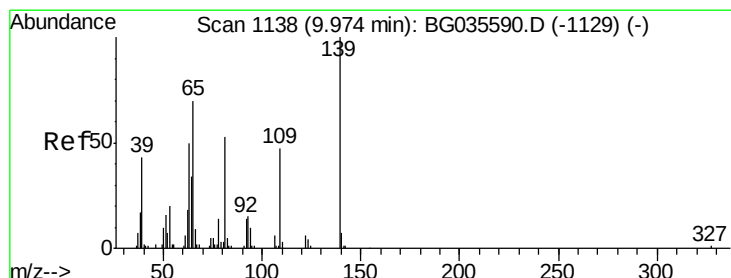
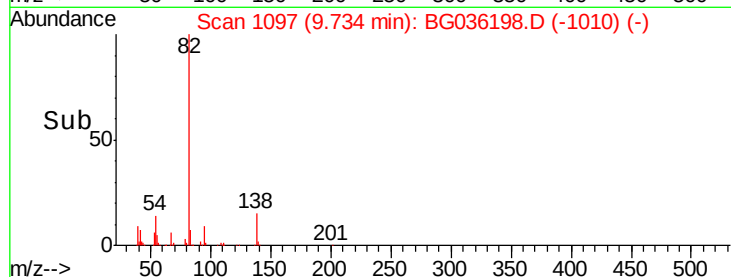
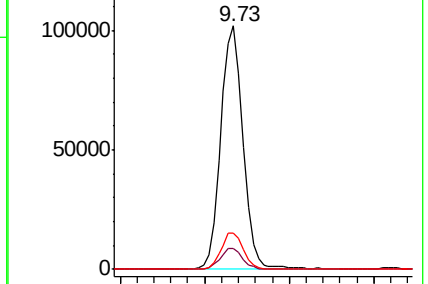
138 14.7 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BG036198.D (-1097) (-)

Ion 95.00 (94.70 to 95.70): BG036198.D (-1097) (-)

Ion 138.00 (137.70 to 138.70): BG036198.D (-1097) (-)



#26

2-Nitrophenol

Concen: 47.716 ng

RT: 9.92 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

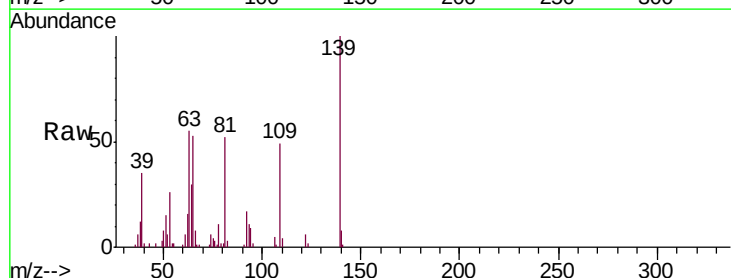
Tgt Ion: 139 Resp: 42312

Ion Ratio Lower Upper

139 100

109 49.2 24.2 36.2#

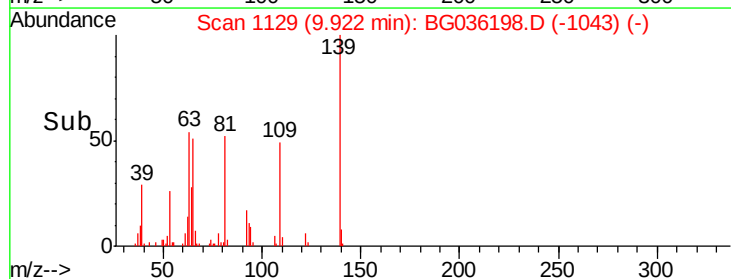
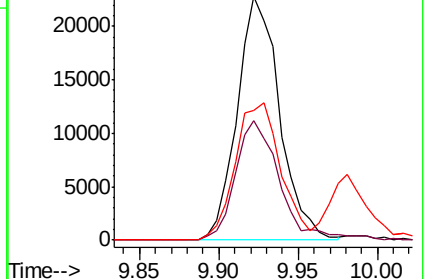
65 53.4 47.4 71.0

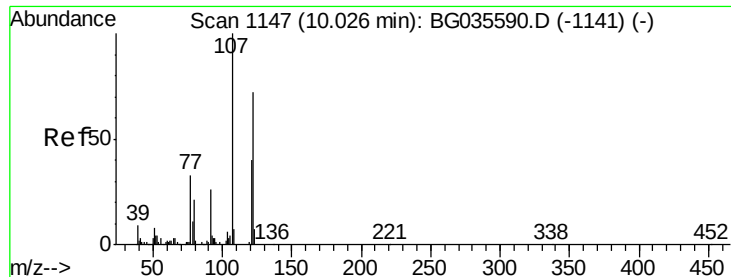


Abundance Ion 139.00 (138.70 to 139.70): BG036198.D (-1043) (-)

Ion 109.00 (108.70 to 109.70): BG036198.D (-1043) (-)

Ion 65.00 (64.70 to 65.70): BG036198.D (-1043) (-)

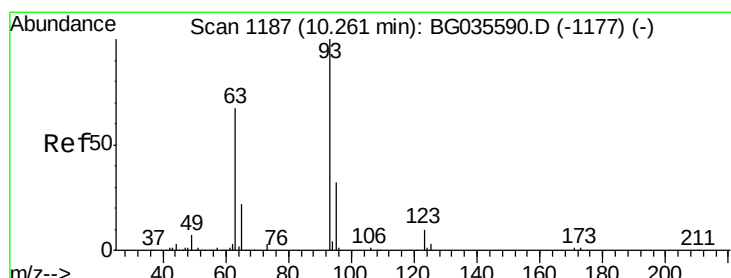
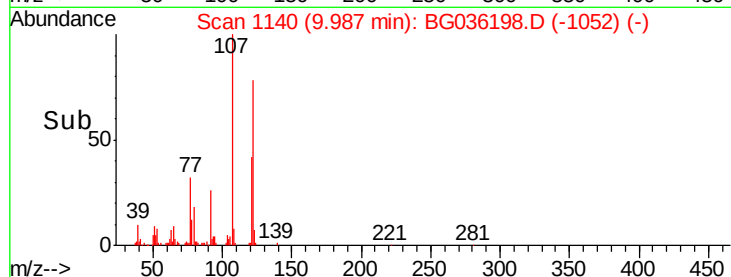
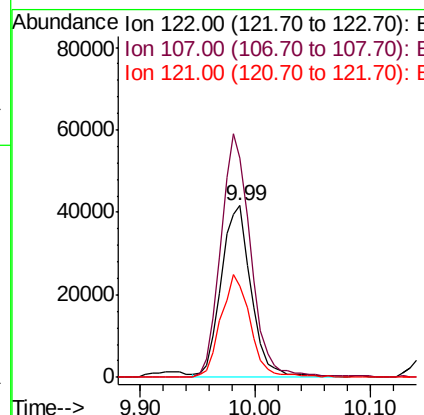
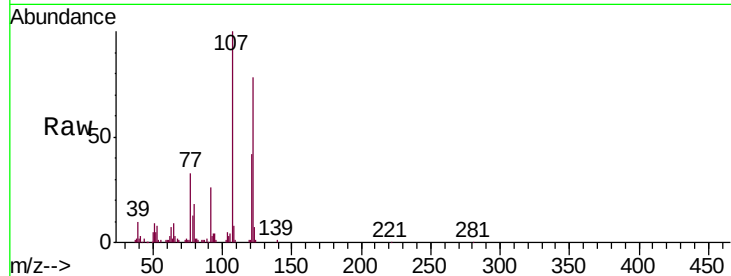




#27
 2,4-Dimethylphenol
 Concen: 50.227 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

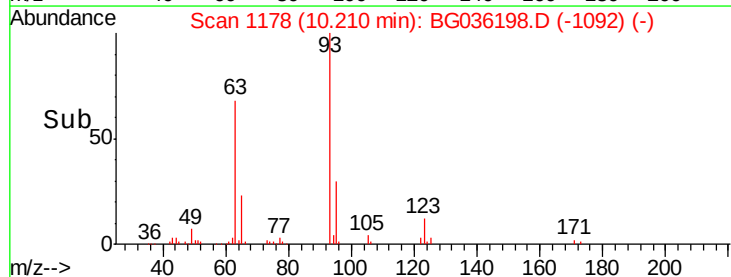
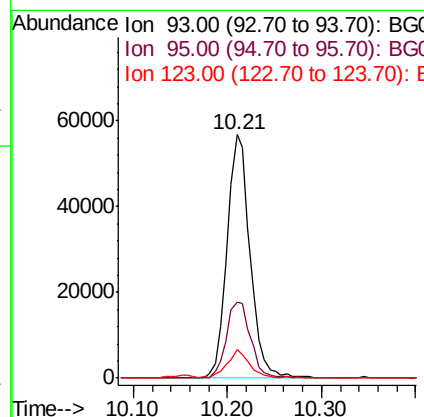
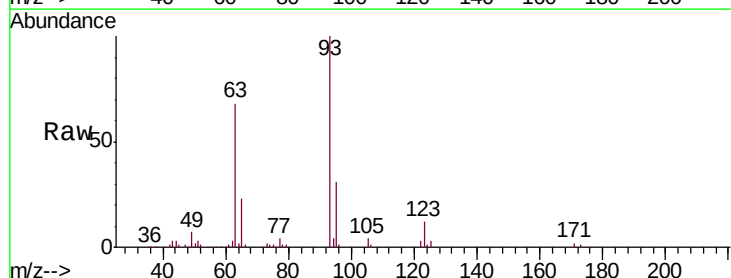
Instrument :
 BNA_G
 ClientSampleId :
 PB111868BSD

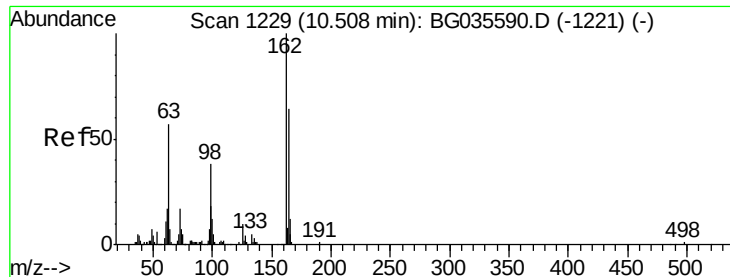
Tgt Ion	Ratio	Lower	Upper
122	100		
107	127.9	100.2	150.2
121	53.6	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.158 ng
 RT: 10.21 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	24.3	36.5
123	11.5	8.4	12.6

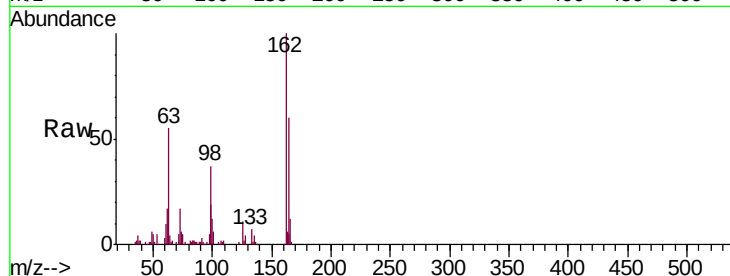




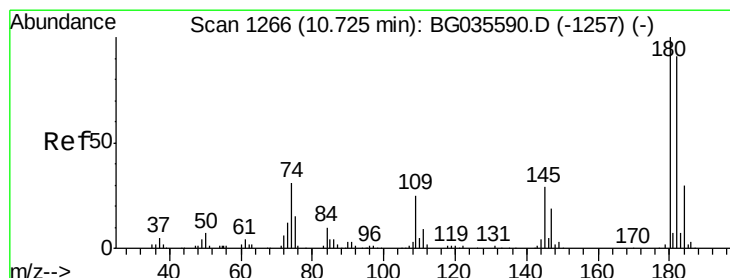
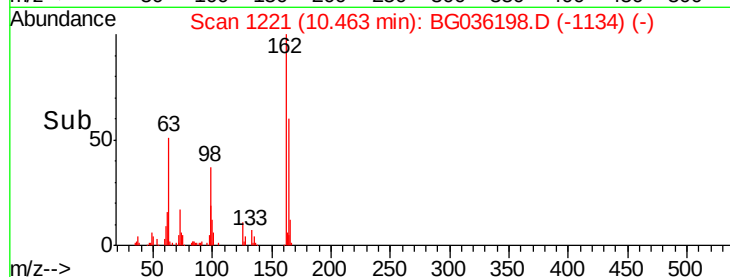
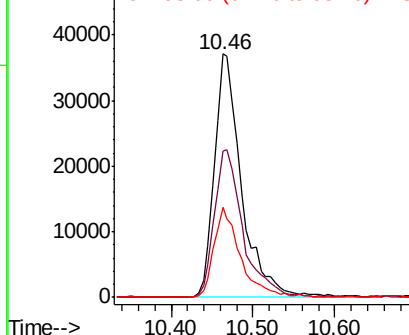
#29
2,4-Dichlorophenol
Concen: 50.016 ng
RT: 10.46 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Instrument :
BNA_G
ClientSampleId :
PB111868BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.3	48.0	88.0
98	36.9	21.1	61.1

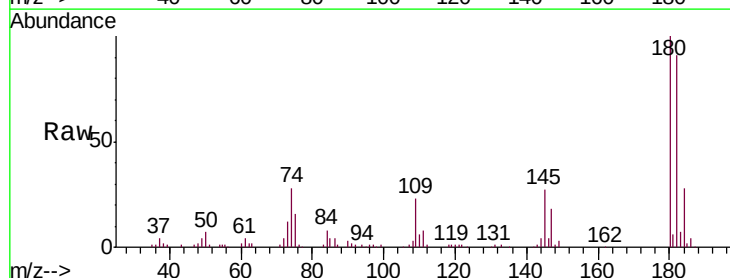


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

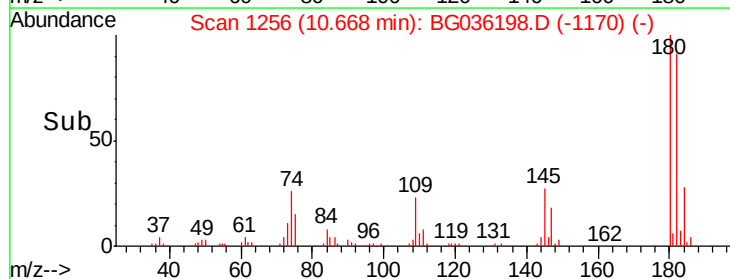
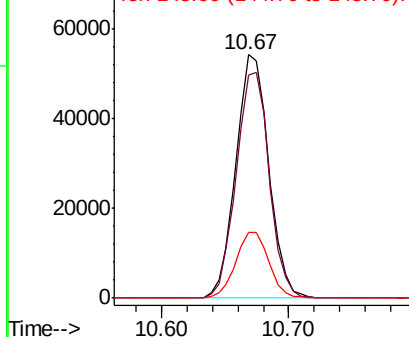


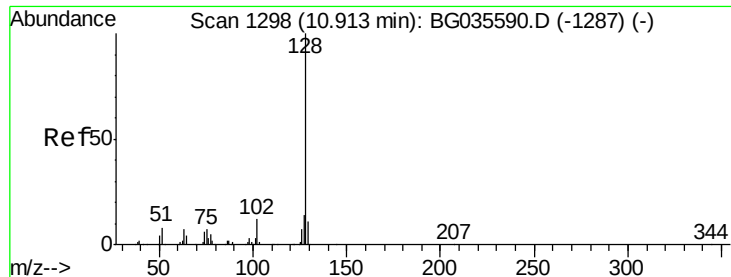
#30
1,2,4-Trichlorobenzene
Concen: 46.425 ng
RT: 10.67 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	77.5	116.3
145	27.0	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

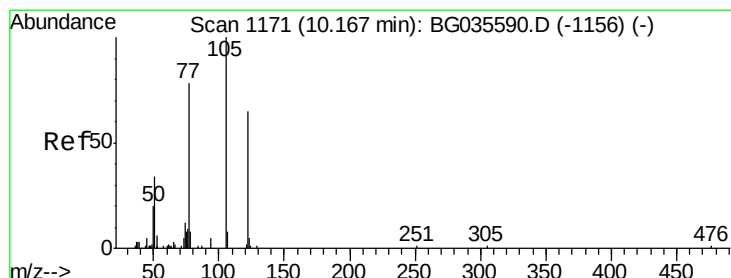
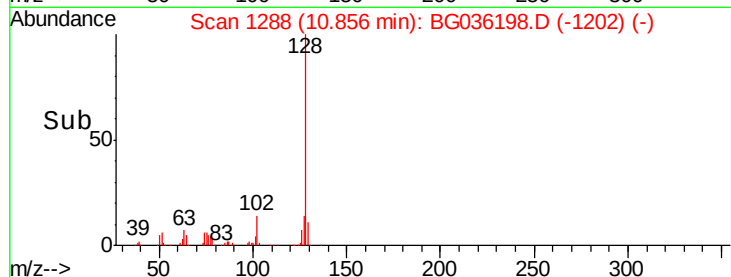
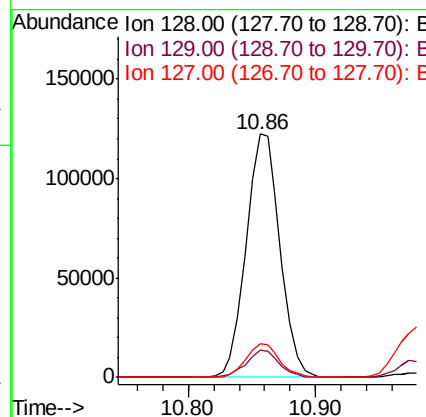
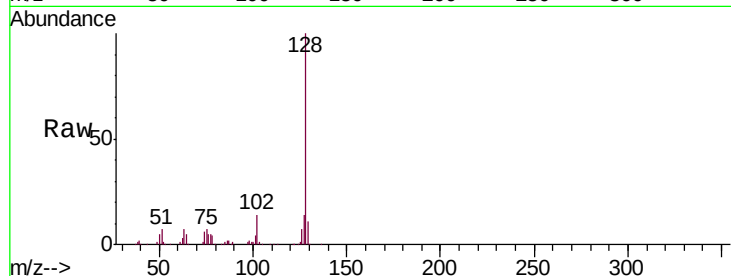




#31
Naphthalene
Concen: 41.866 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

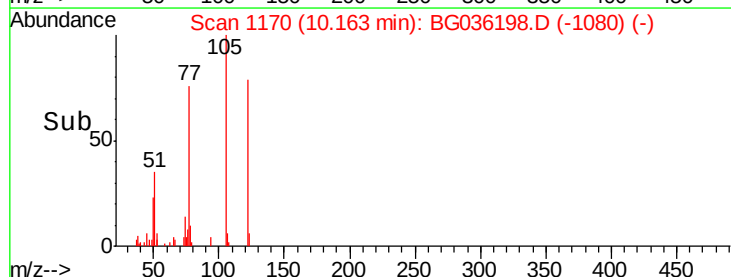
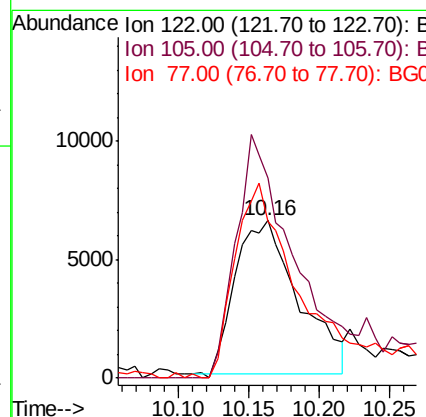
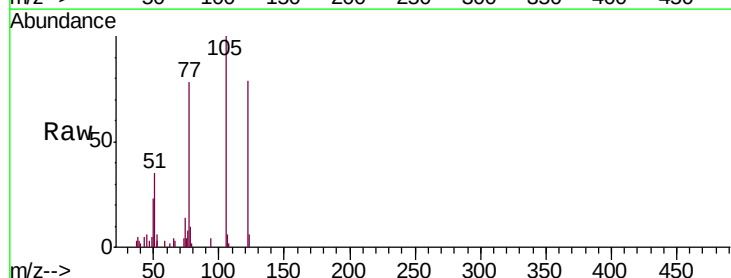
Instrument :
BNA_G
ClientSampleId :
PB111868BSD

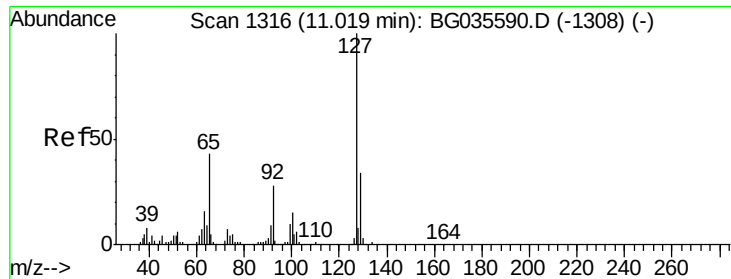
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.8	11.6	17.4



#32
Benzoic acid
Concen: 20.061 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.2	123.5	163.5
77	99.8	85.7	125.7

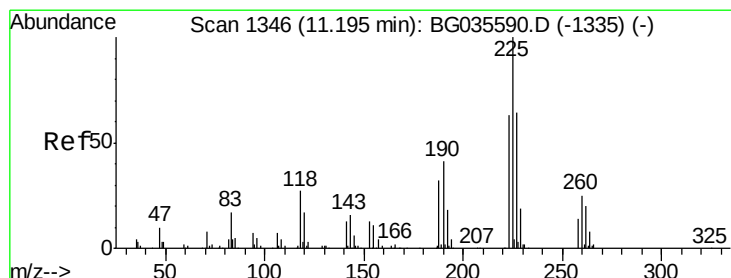
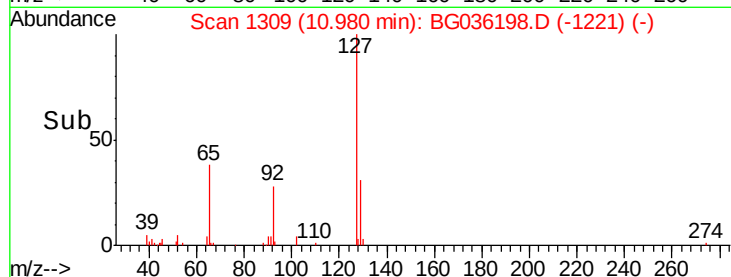
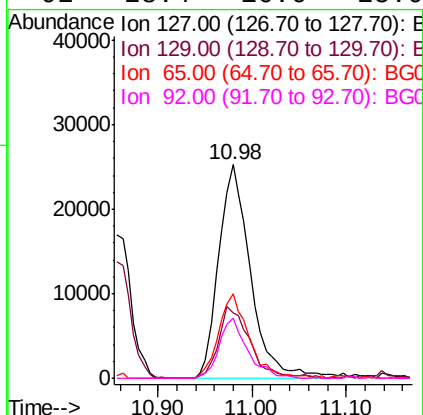
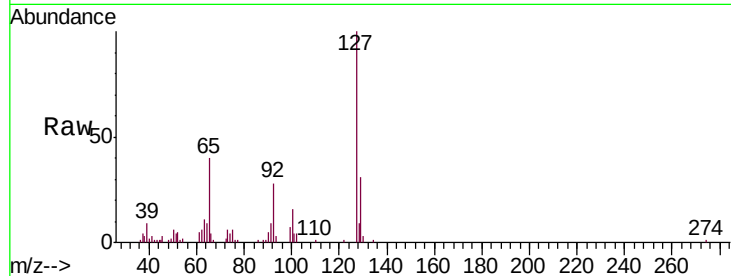




#33
4-Chloroaniline
Concen: 25.346 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

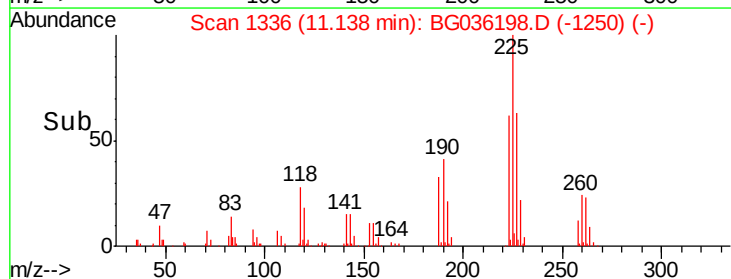
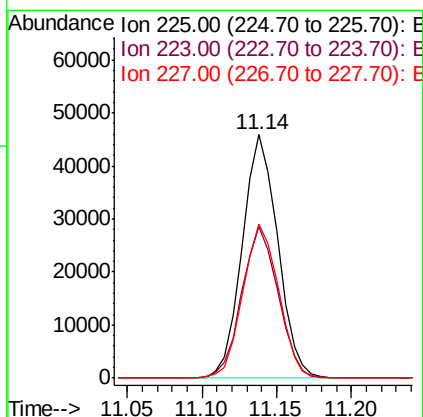
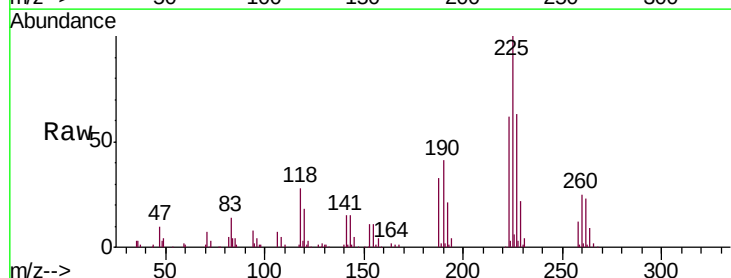
Instrument :
BNA_G
ClientSampleId :
PB111868BSD

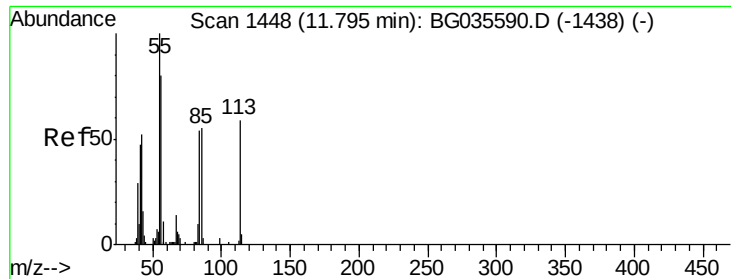
Tgt Ion:	127	Resp:	59681
Ion	Ratio	Lower	Upper
127	100		
129	30.7	24.0	36.0
65	39.6	27.0	40.4
92	28.4	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 45.995 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Tgt Ion:	225	Resp:	75357
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	63.3	48.1	72.1

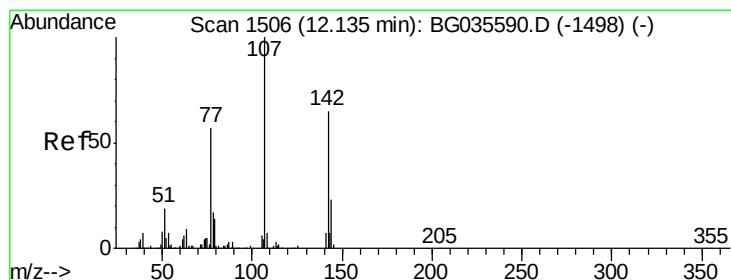
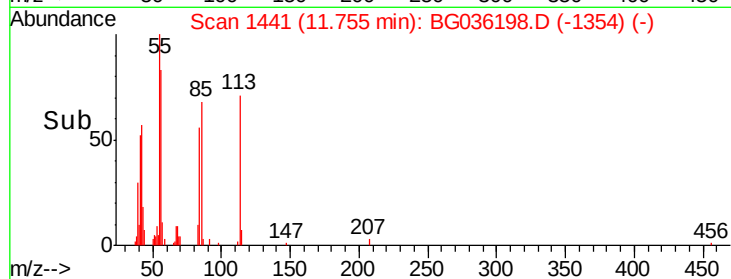
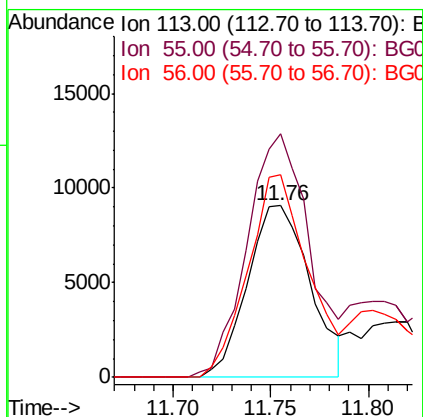
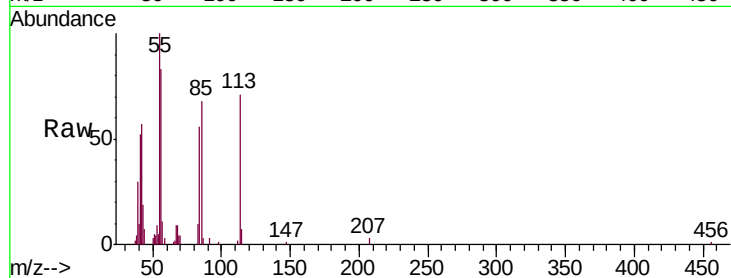




#35
 Caprolactam
 Concen: 27.382 ng
 RT: 11.76 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

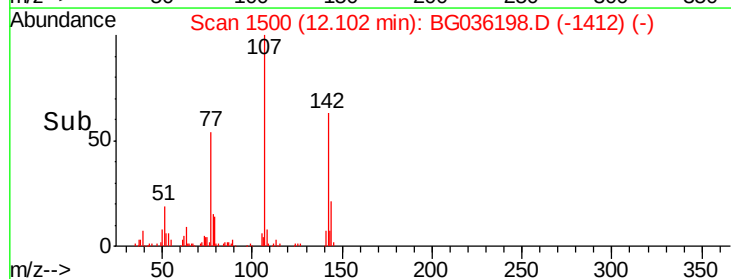
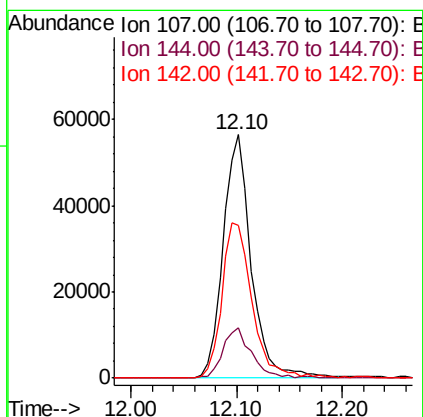
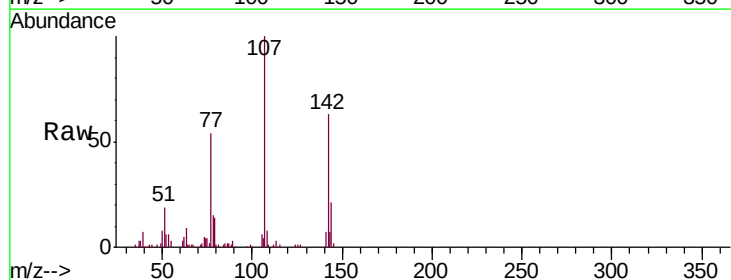
Instrument :
 BNA_G
 ClientSampleId :
 PB111868BSD

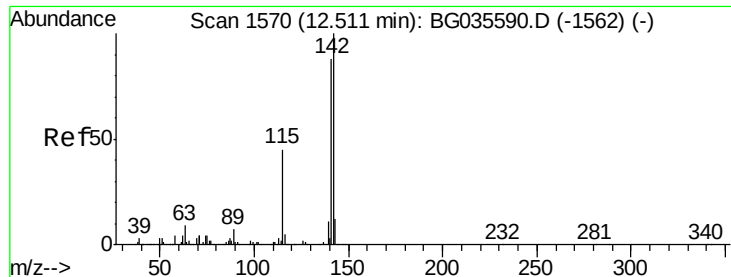
Tgt Ion:113 Resp: 20134
 Ion Ratio Lower Upper
 113 100
 55 141.8 186.9 226.9#
 56 117.7 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 45.284 ng
 RT: 12.10 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Tgt Ion:107 Resp: 104004
 Ion Ratio Lower Upper
 107 100
 144 20.9 18.2 27.4
 142 62.6 59.0 88.4

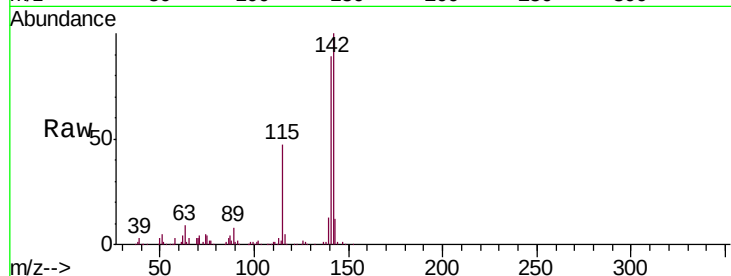




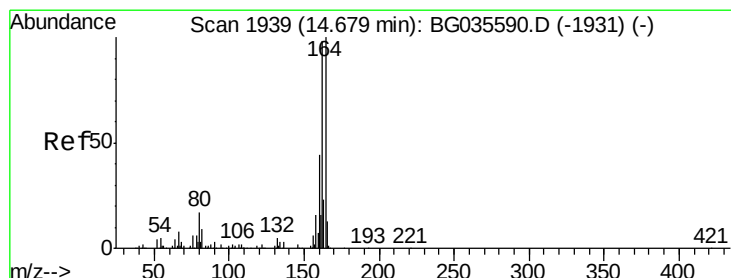
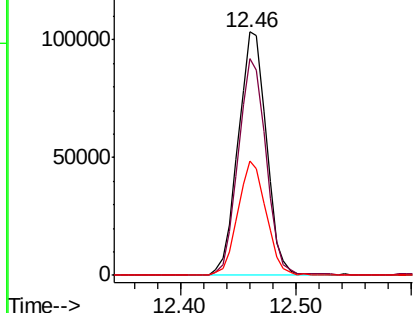
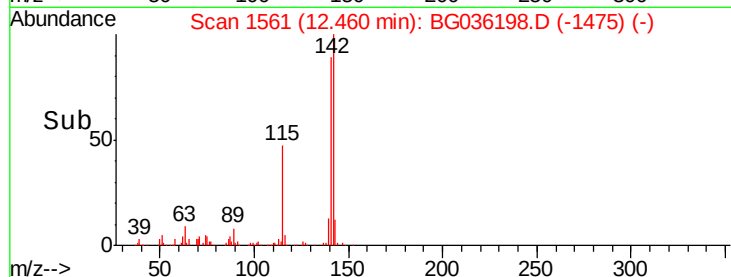
#37
 2-Methylnaphthalene
 Concen: 43.706 ng
 RT: 12.46 min Scan# 1561
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB111868BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	67.1	100.7
115	46.8	30.7	46.1#

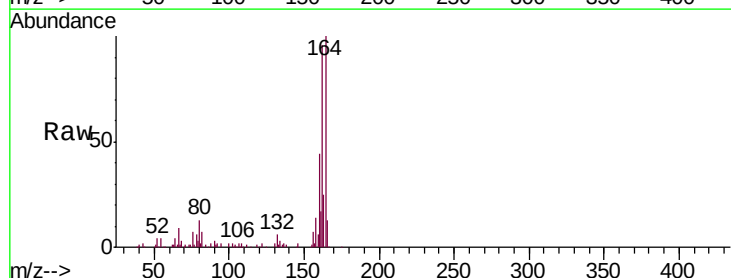


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

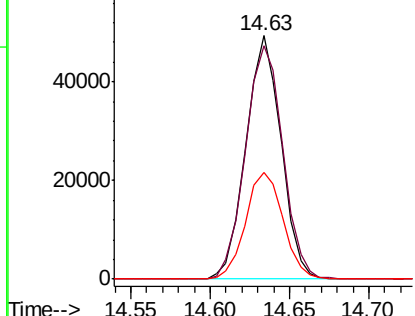
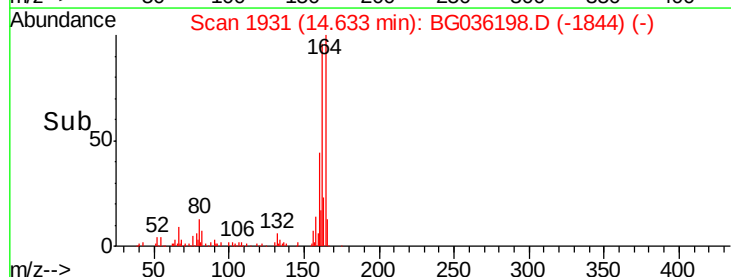


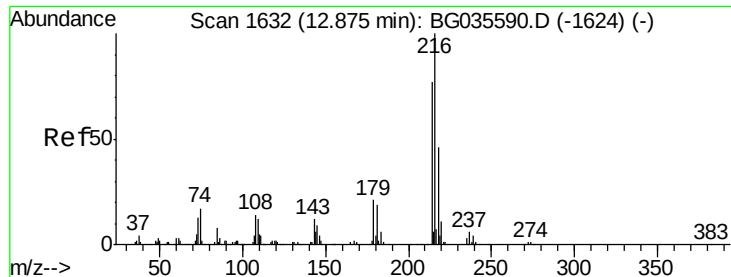
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.7	78.8	118.2
160	43.8	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.046 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

Tgt Ion:216 Resp: 126780

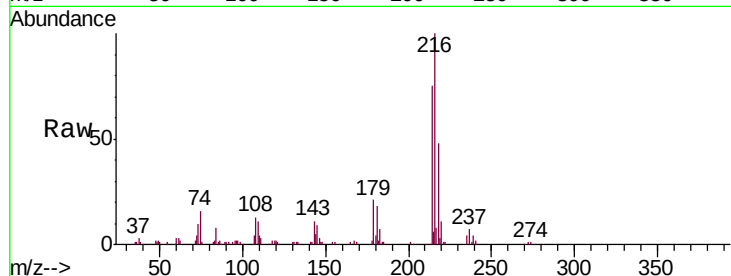
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 19.4 17.0 25.6

108 16.0 12.8 19.2

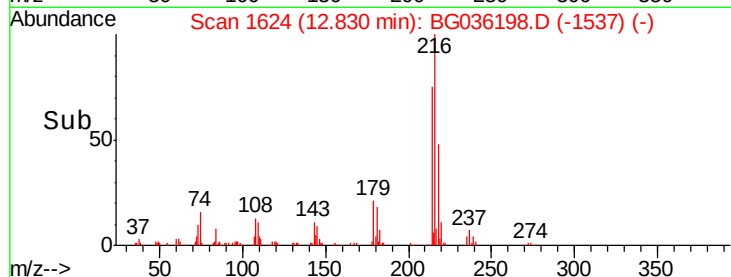


Abundance Ion 216.00 (215.70 to 216.70): E

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



Abundance

120000

100000

80000

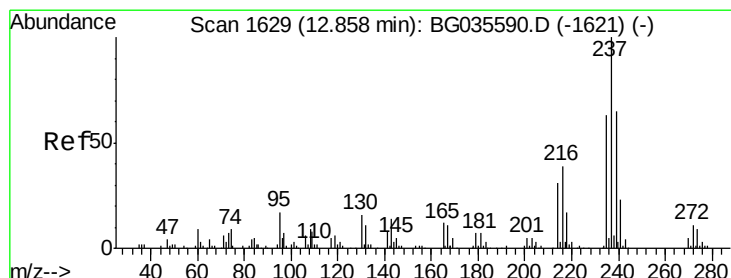
60000

40000

20000

0

Time-->



#40

Hexachlorocyclopentadiene

Concen: 100.999 ng

RT: 12.81 min Scan# 1620

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

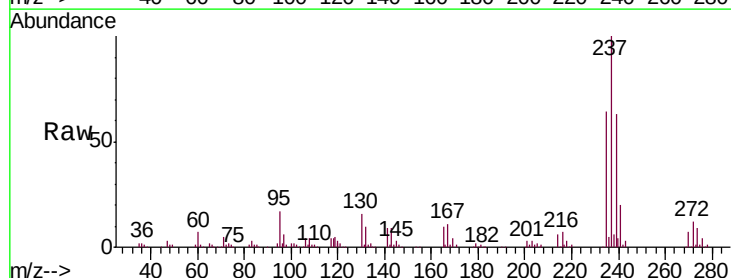
Tgt Ion:237 Resp: 152462

Ion Ratio Lower Upper

237 100

235 63.8 50.4 90.4

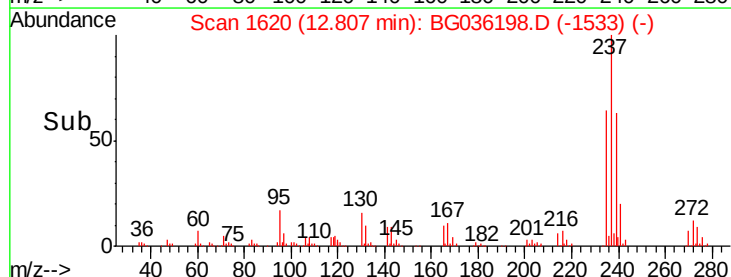
272 12.5 0.0 31.8



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



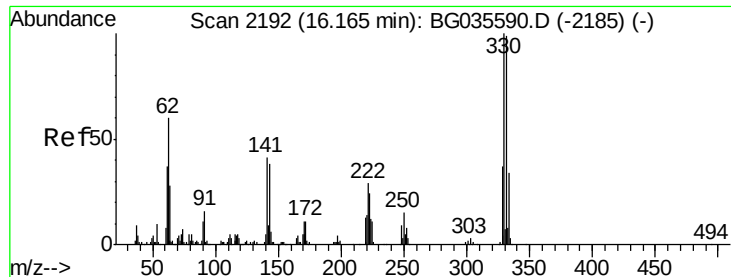
Abundance

100000

50000

0

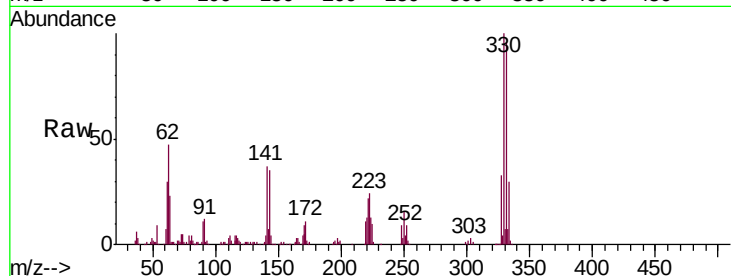
Time-->



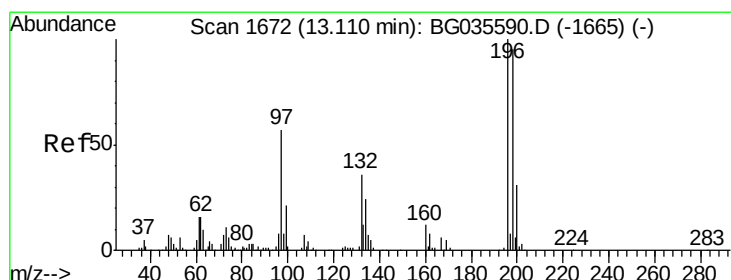
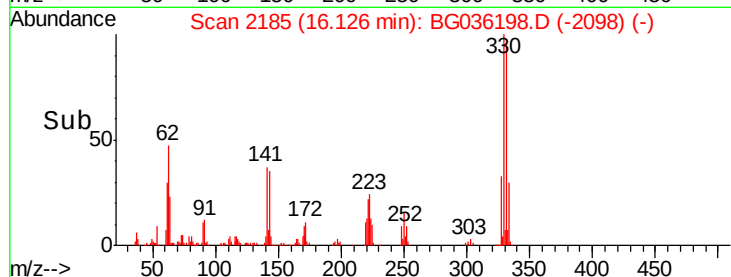
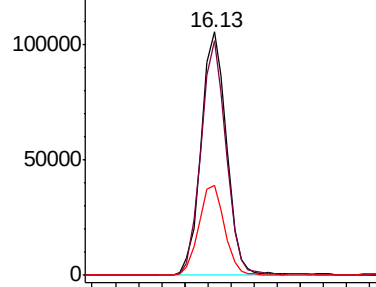
#41
 2,4,6-Tribromophenol
 Concen: 160.330 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB111868BSD

Tgt Ion:330 Resp: 161159
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 37.5 25.2 37.8

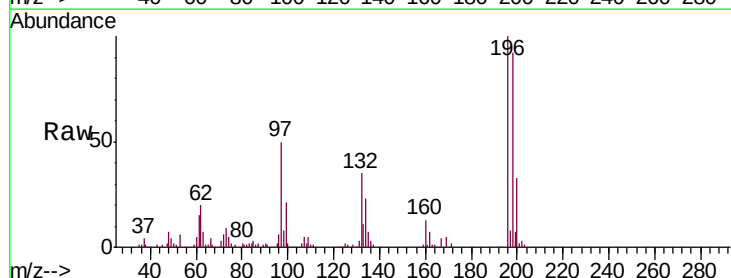


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

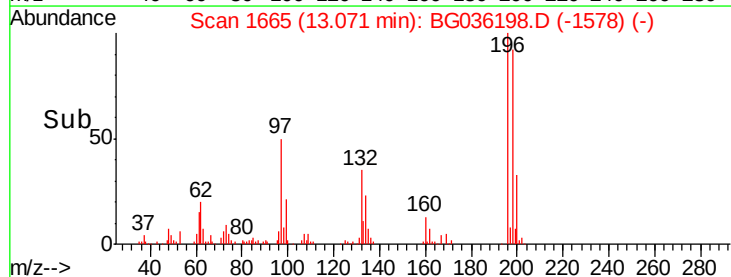
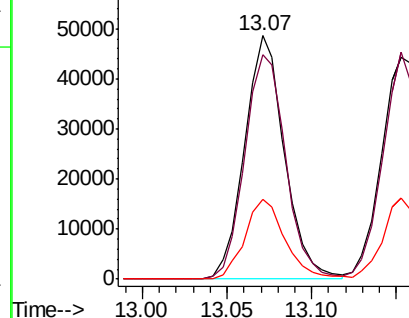


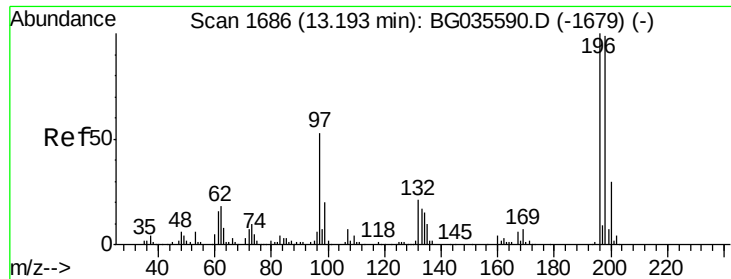
#42
 2,4,6-Trichlorophenol
 Concen: 47.526 ng
 RT: 13.07 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Tgt Ion:196 Resp: 80000
 Ion Ratio Lower Upper
 196 100
 198 91.9 78.2 117.2
 200 32.9 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

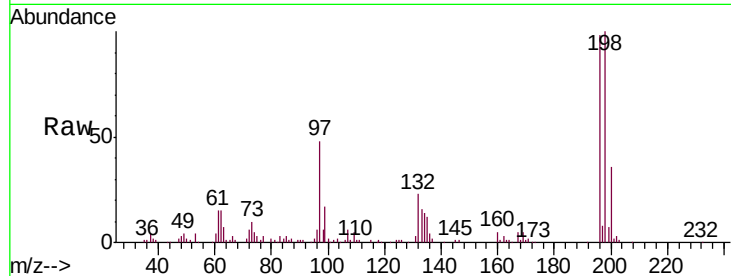




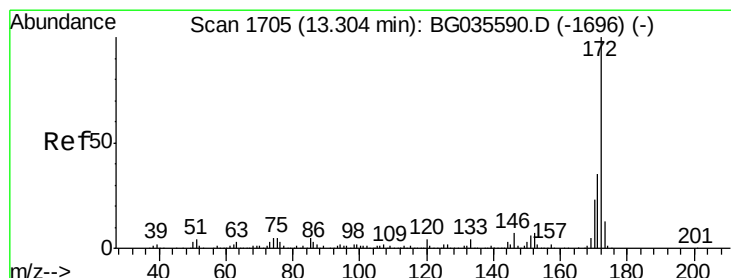
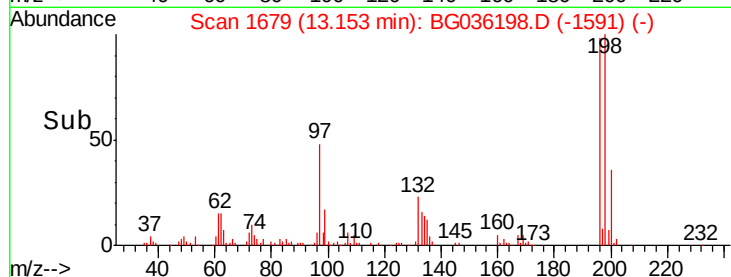
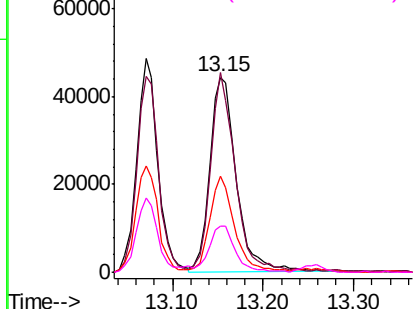
#43
 2,4,5-Trichlorophenol
 Concen: 47.437 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB111868BSD

Tgt Ion:	196	Resp:	89327
Ion	Ratio	Lower	Upper
196	100		
198	102.3	76.2	114.4
97	49.3	38.7	58.1
132	23.4	20.2	30.2

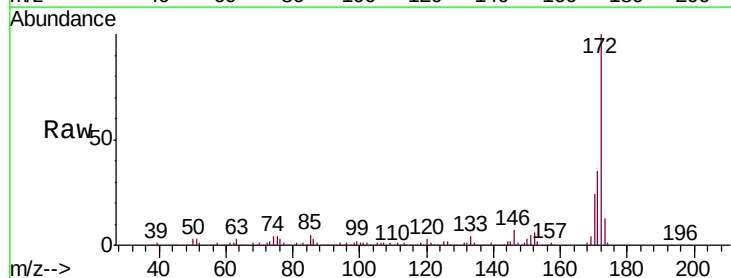


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

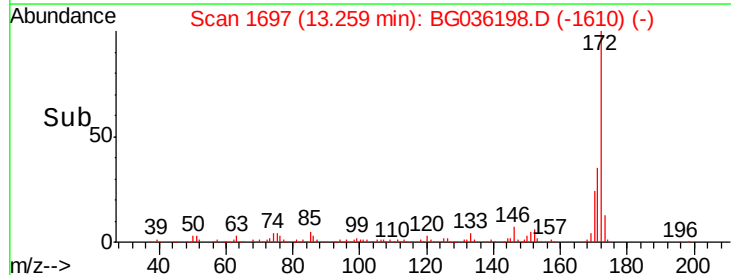
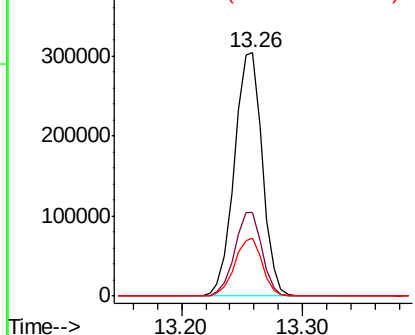


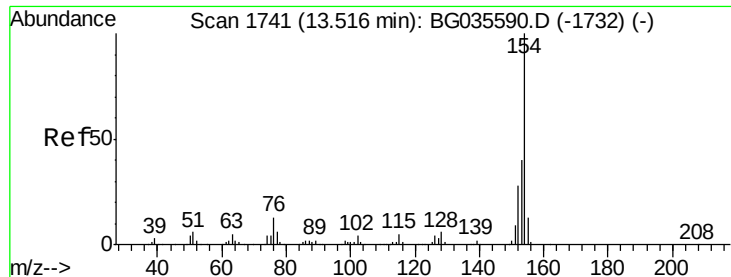
#44
 2-Fluorobiphenyl
 Concen: 86.018 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Tgt Ion:	172	Resp:	489633
Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.9	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

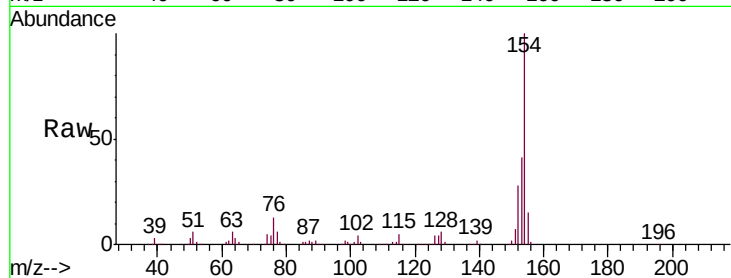




#45
 1,1'-Biphenyl
 Concen: 40.909 ng
 RT: 13.46 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB111868BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	12.9	0.0	31.9

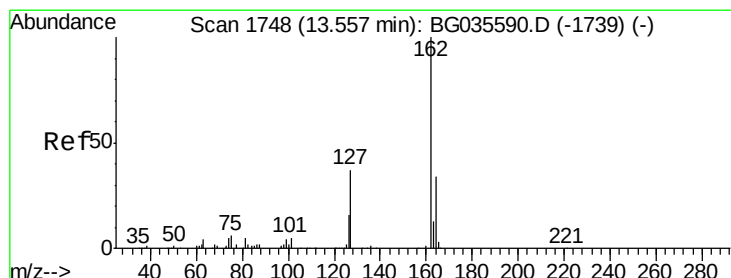
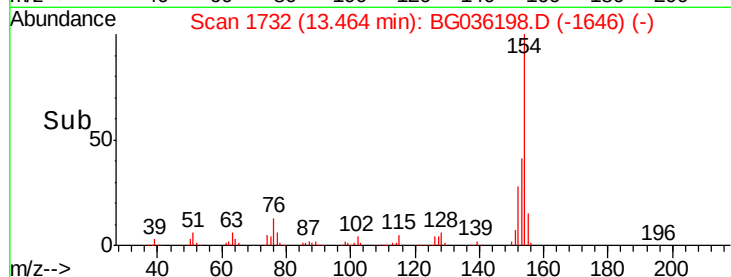
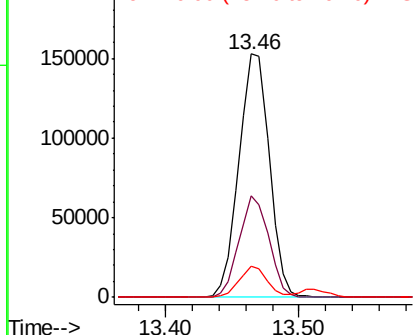


Abundance

Ion 154.00 (153.70 to 154.70): E

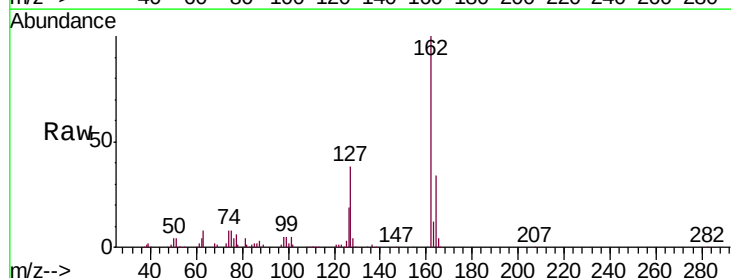
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 42.202 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.7	46.1
164	33.5	26.0	39.0

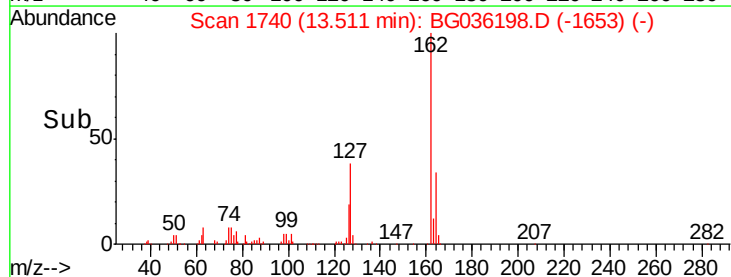
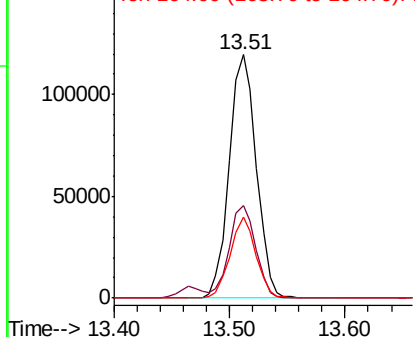


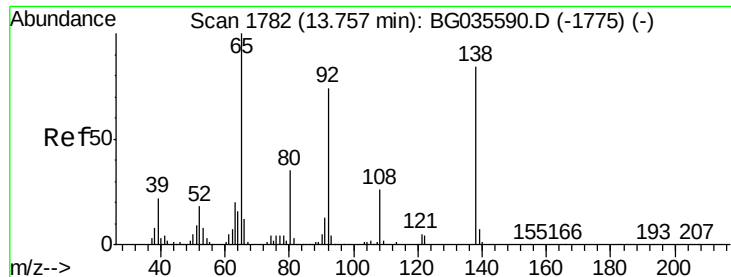
Abundance

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

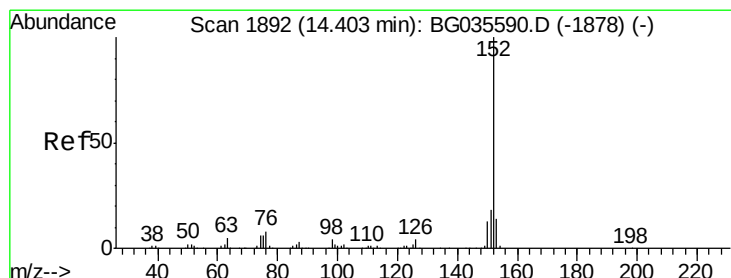
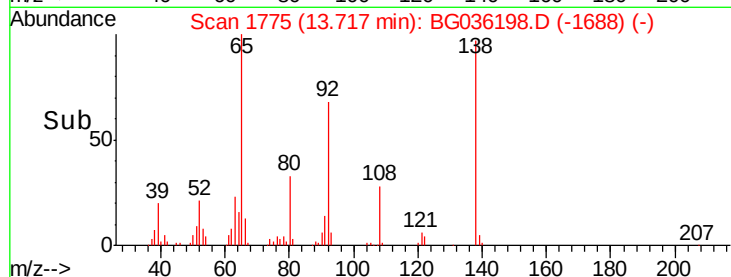
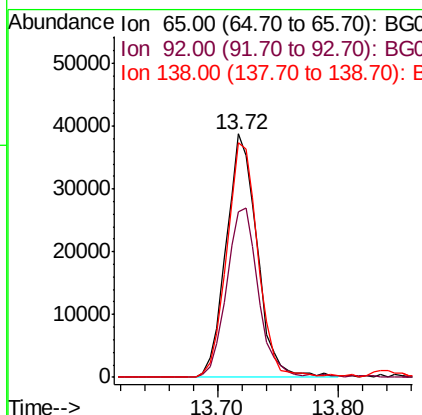
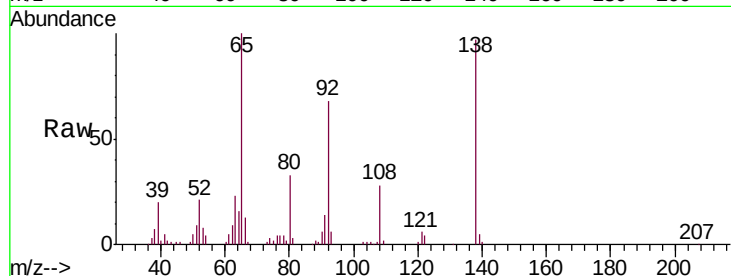




#47
2-Nitroaniline
Concen: 42.483 ng
RT: 13.72 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

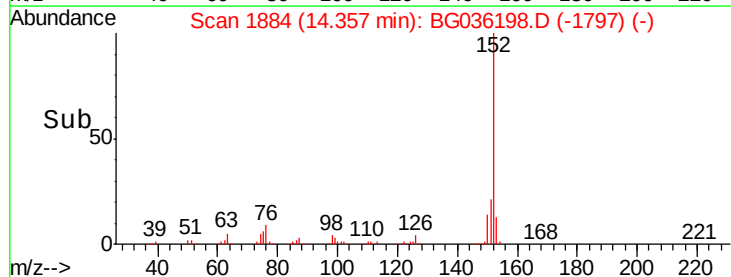
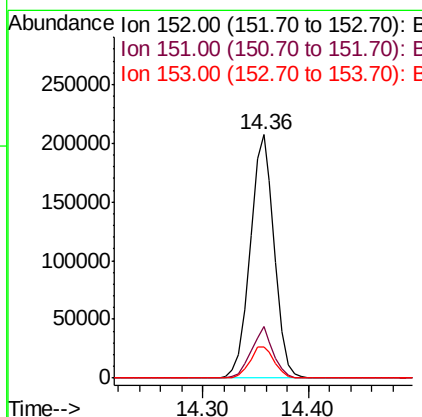
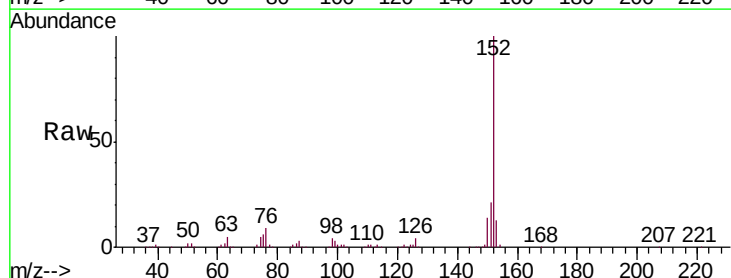
Instrument :
BNA_G
ClientSampleId :
PB111868BSD

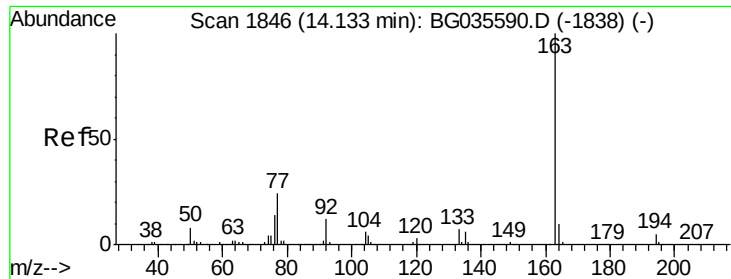
Tgt Ion: 65 Resp: 69073
Ion Ratio Lower Upper
65 100
92 68.0 54.6 82.0
138 96.5 72.9 109.3



#48
Acenaphthylene
Concen: 42.426 ng
RT: 14.36 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Tgt Ion: 152 Resp: 326843
Ion Ratio Lower Upper
152 100
151 20.9 17.2 25.8
153 13.0 10.2 15.4





#49

Dimethylphthalate

Concen: 40.286 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

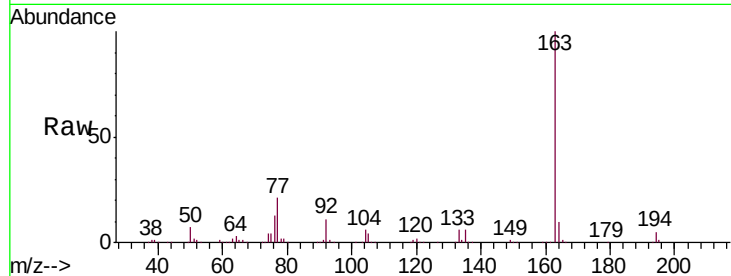
Instrument :

BNA_G

ClientSampleId :

PB111868BSD

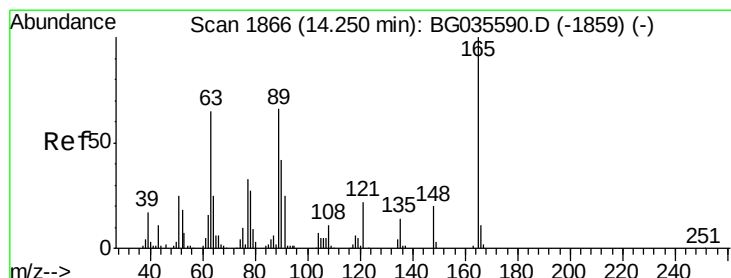
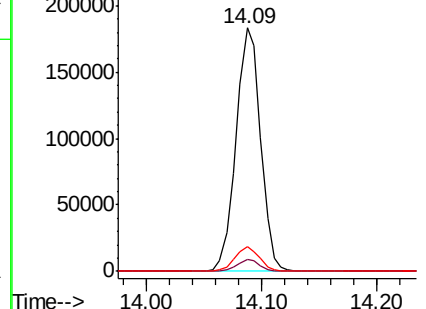
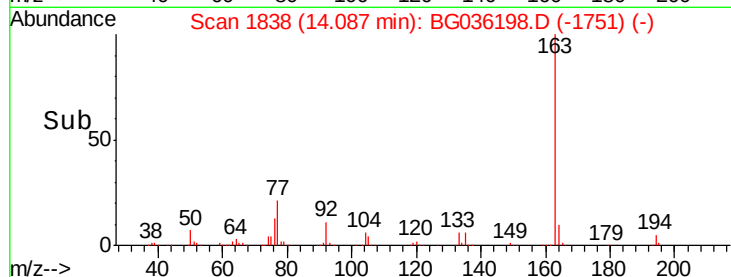
Tgt Ion:	163	Resp:	269176
Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	10.2	8.2	12.4



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: 48.323 ng

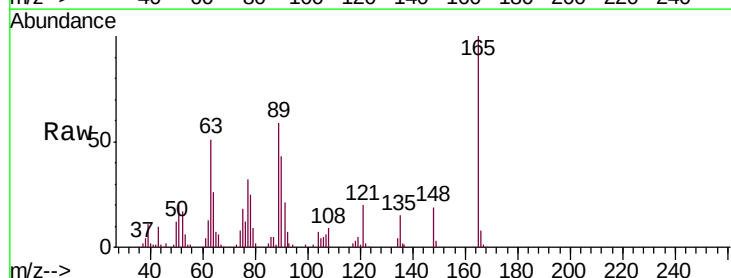
RT: 14.21 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

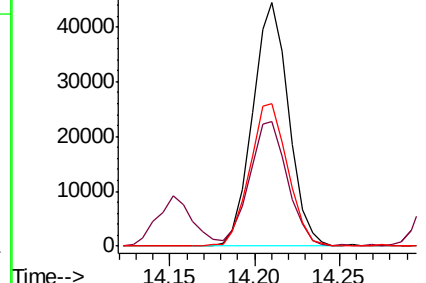
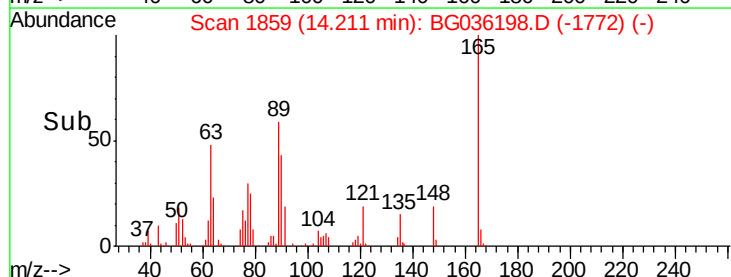
Tgt Ion:	165	Resp:	65750
Ion	Ratio	Lower	Upper
165	100		
63	51.4	52.7	79.1#
89	58.7	49.2	73.8

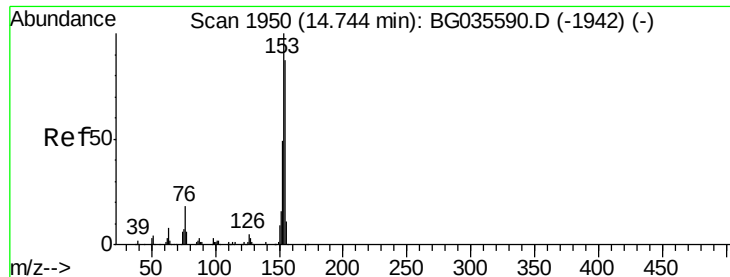


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.084 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

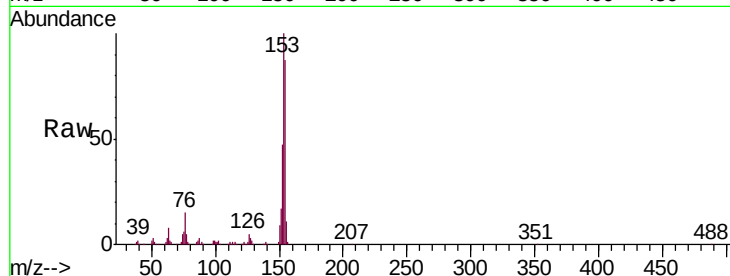
Tgt Ion:154 Resp: 187565

Ion Ratio Lower Upper

154 100

153 115.6 90.4 135.6

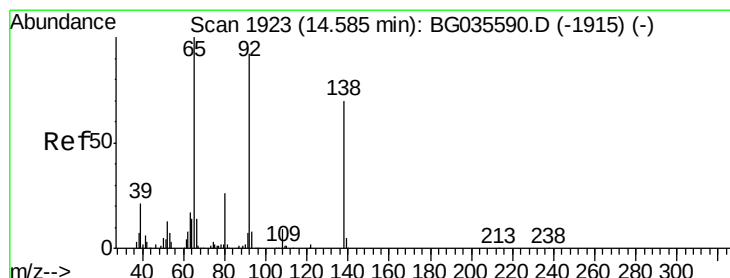
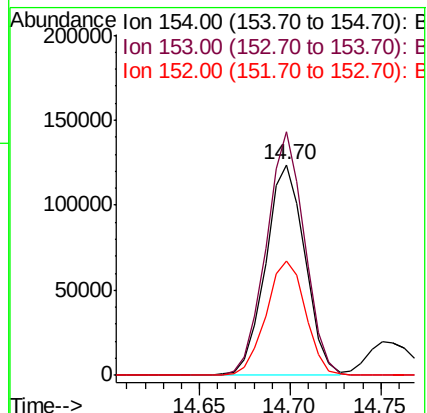
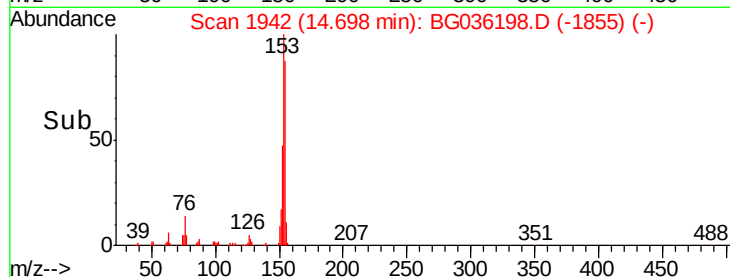
152 54.1 41.6 62.4



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: 32.465 ng

RT: 14.55 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

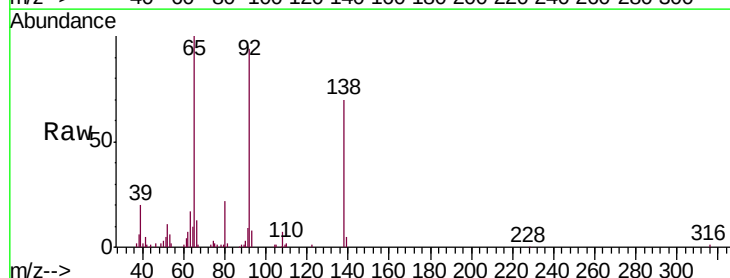
Tgt Ion:138 Resp: 45147

Ion Ratio Lower Upper

138 100

108 10.5 17.5 26.3#

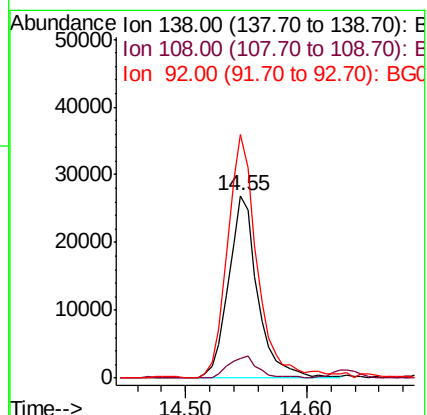
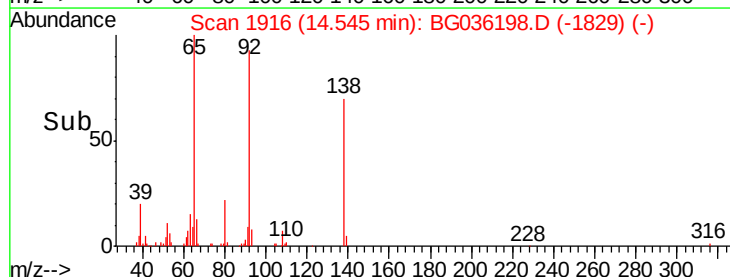
92 133.6 105.8 158.8

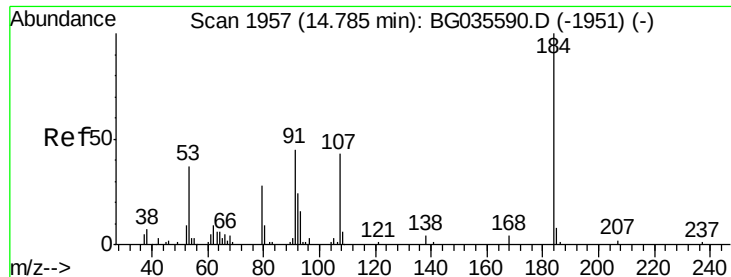


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

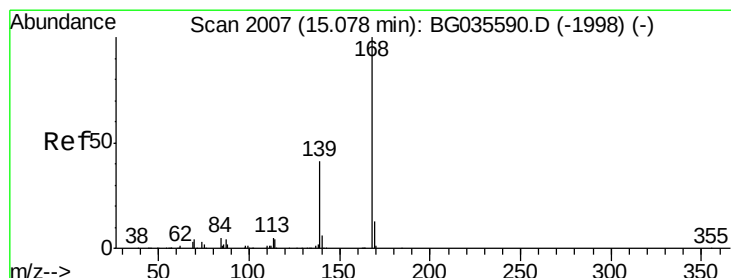
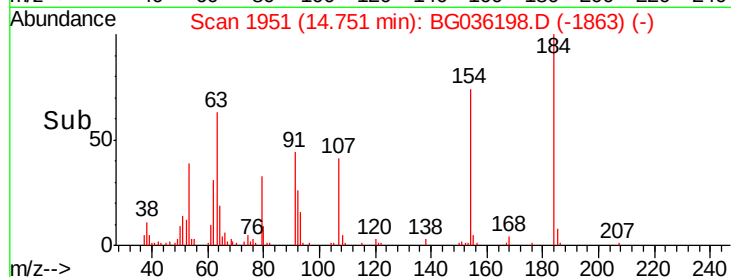
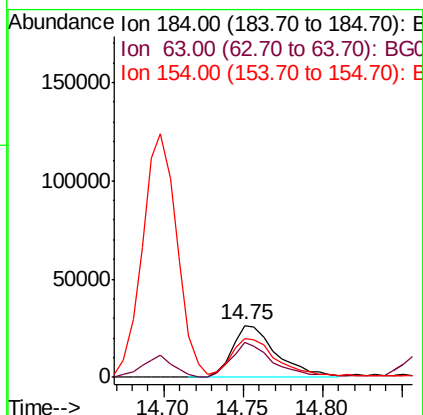
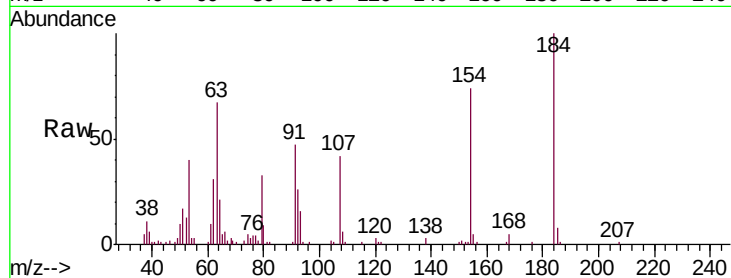




#53
2,4-Dinitrophenol
Concen: 73.284 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

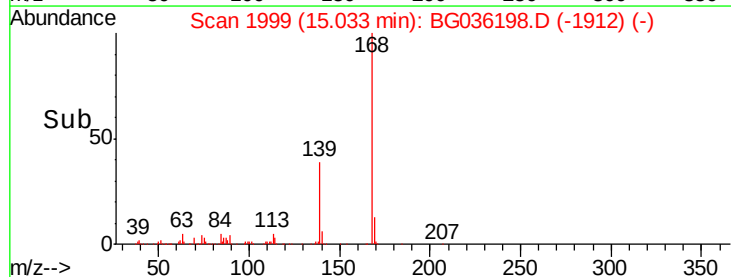
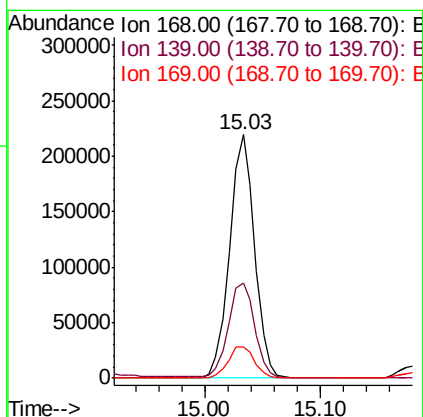
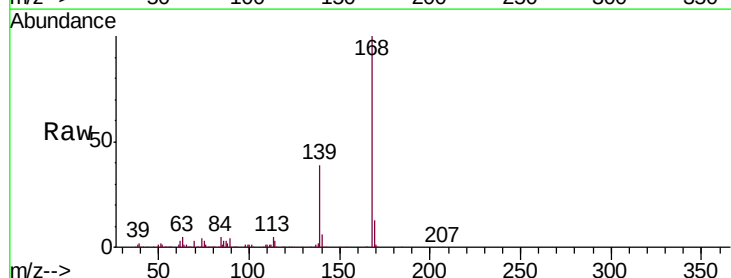
Instrument :
BNA_G
ClientSampleId :
PB111868BSD

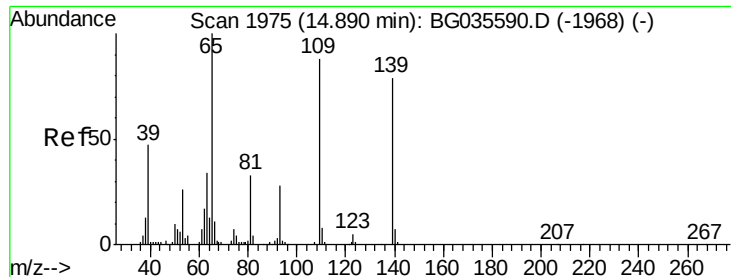
Tgt Ion:184 Resp: 50854
Ion Ratio Lower Upper
184 100
63 66.6 59.8 89.8
154 74.4 101.8 152.8#



#54
Dibenzofuran
Concen: 42.723 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Tgt Ion:168 Resp: 326067
Ion Ratio Lower Upper
168 100
139 39.0 28.6 43.0
169 12.8 11.2 16.8





#55

4-Nitrophenol

Concen: 76.403 ng

RT: 14.86 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

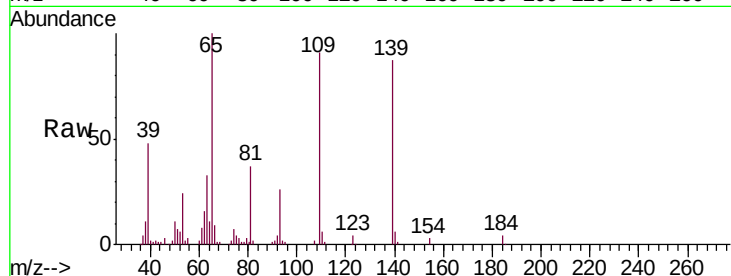
Tgt Ion:139 Resp: 75667

Ion Ratio Lower Upper

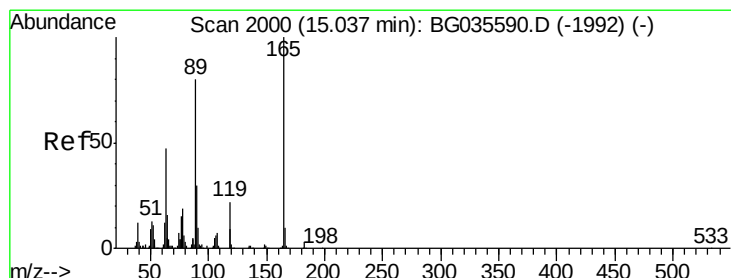
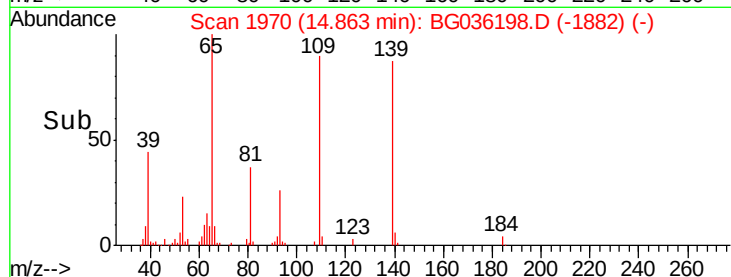
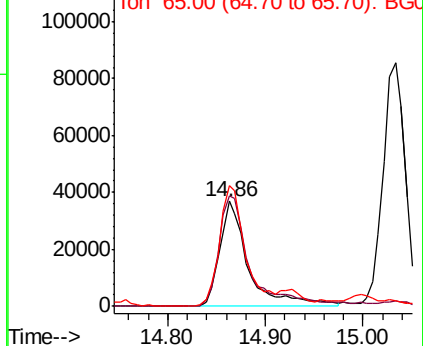
139 100

109 104.4 62.2 102.2#

65 114.4 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: 48.134 ng

RT: 15.00 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Tgt Ion:165 Resp: 93958

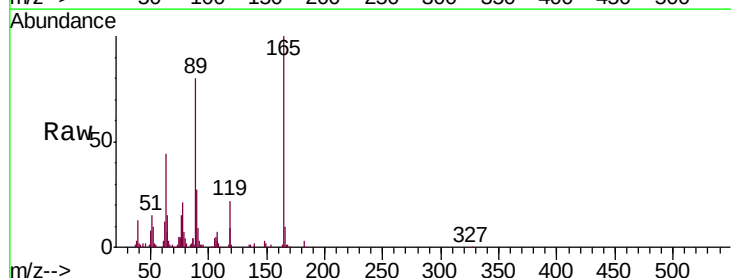
Ion Ratio Lower Upper

165 100

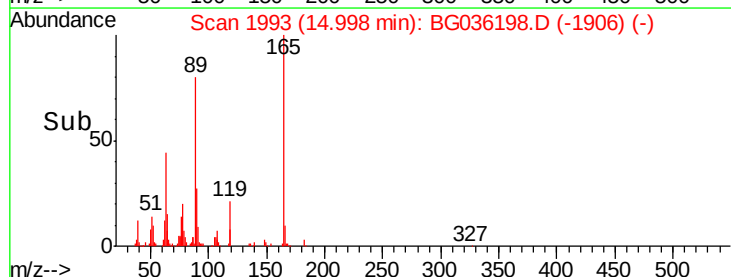
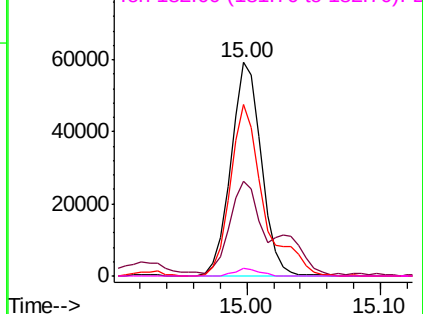
63 44.4 42.0 63.0

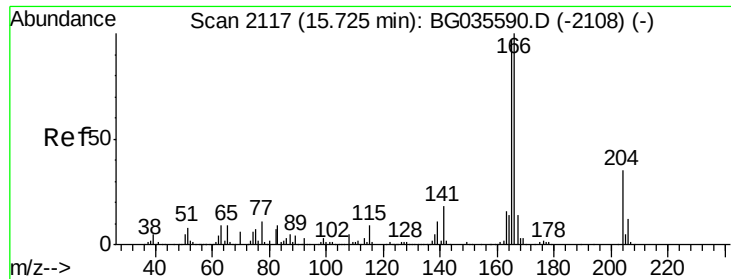
89 80.1 66.9 100.3

182 3.4 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

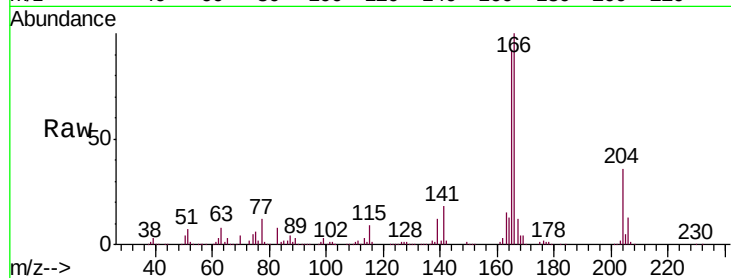




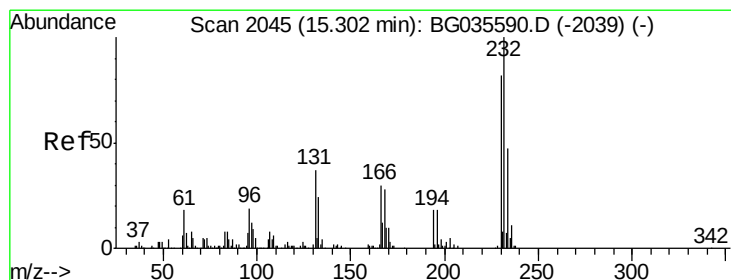
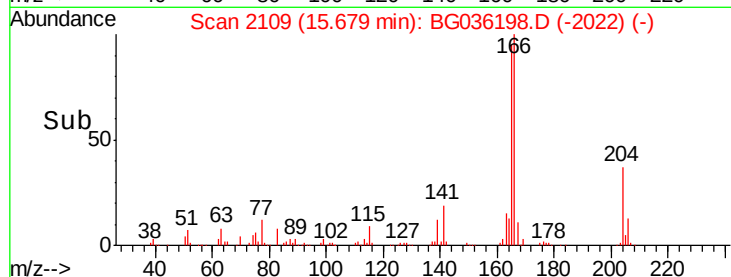
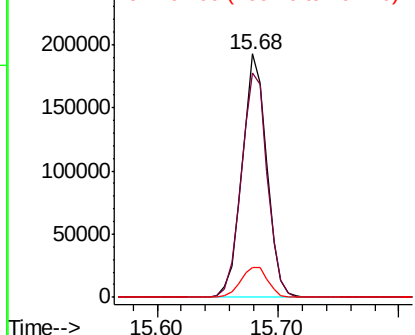
#57
 Fluorene
 Concen: 42.990 ng
 RT: 15.68 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB111868BSD

Tgt Ion:166 Resp: 274999
 Ion Ratio Lower Upper
 166 100
 165 92.3 80.6 121.0
 167 12.3 10.4 15.6

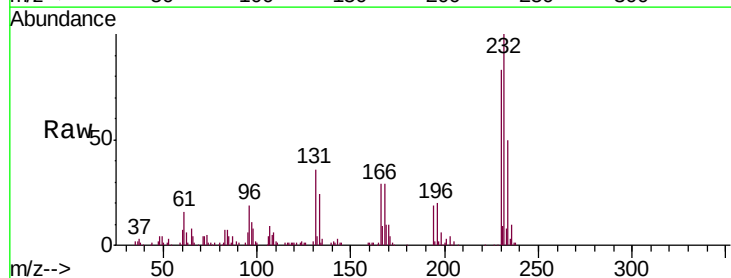


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

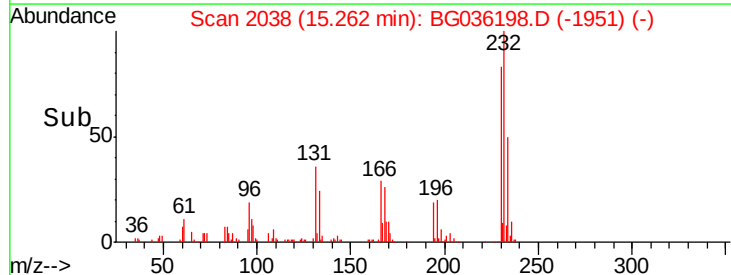
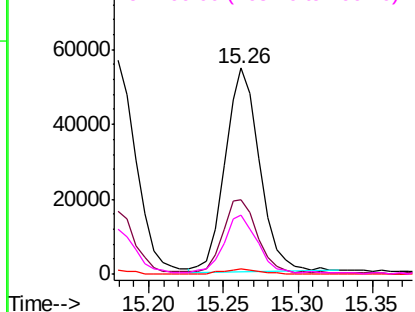


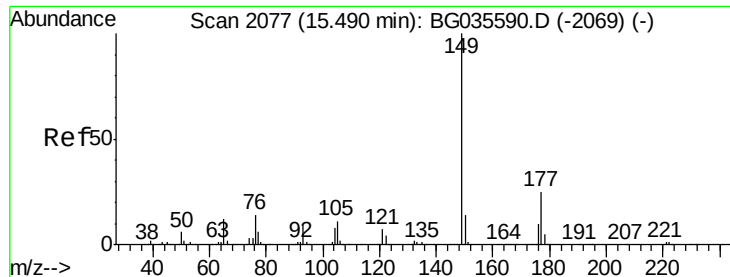
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.414 ng
 RT: 15.26 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Tgt Ion:232 Resp: 87411
 Ion Ratio Lower Upper
 232 100
 131 36.6 33.5 50.3
 130 2.4 2.2 3.2
 166 29.0 24.8 37.2



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

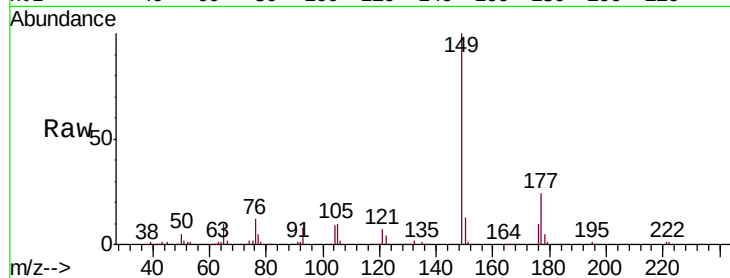




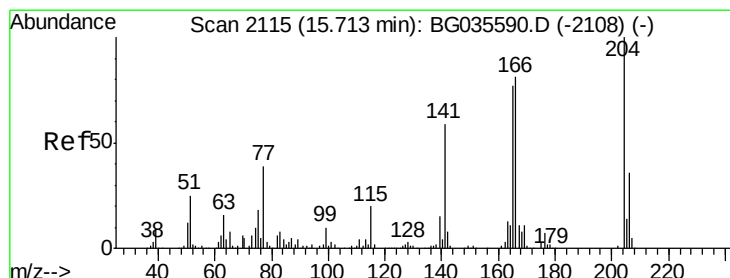
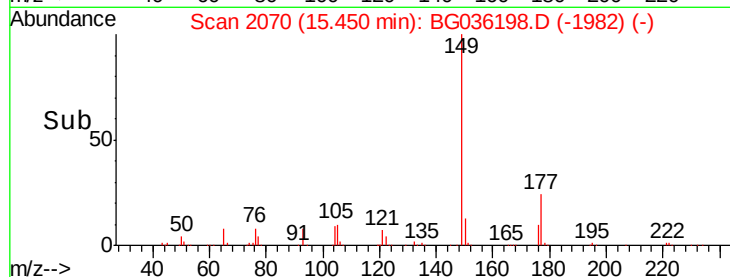
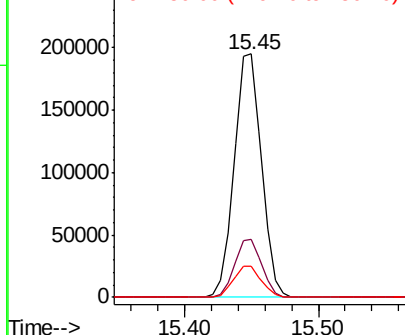
#59
Diethylphthalate
Concen: 40.434 ng
RT: 15.45 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Instrument :
BNA_G
ClientSampleId :
PB111868BSD

Tgt Ion:149 Resp: 277797
Ion Ratio Lower Upper
149 100
177 23.8 18.5 27.7
150 12.7 10.2 15.2

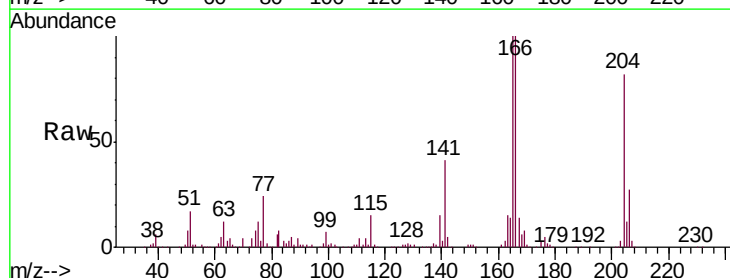


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

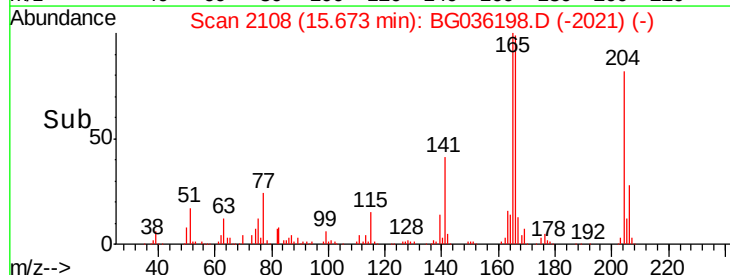
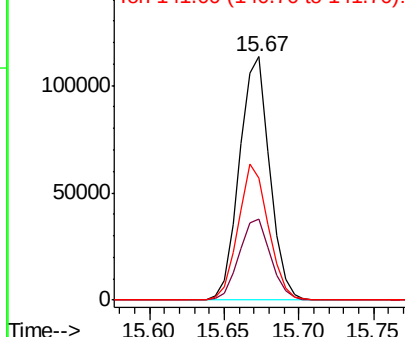


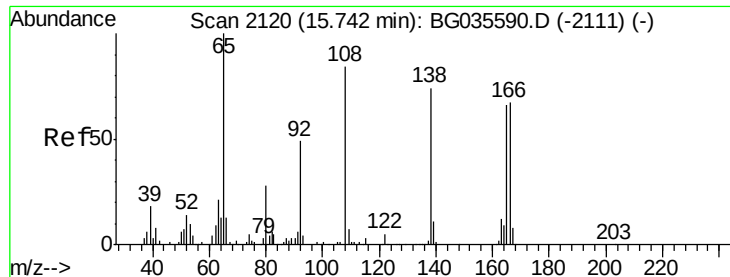
#60
4-Chlorophenyl-phenylether
Concen: 42.495 ng
RT: 15.67 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Tgt Ion:204 Resp: 159769
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 50.0 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

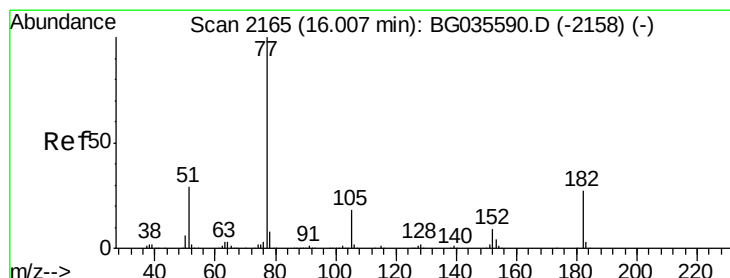
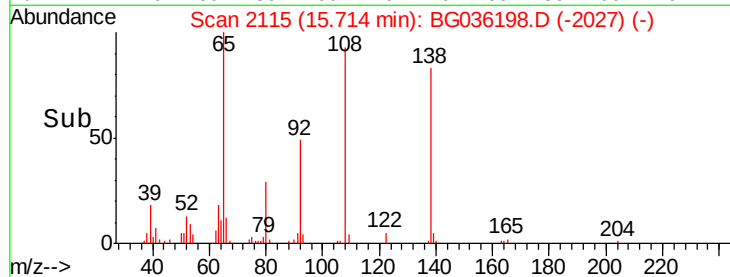
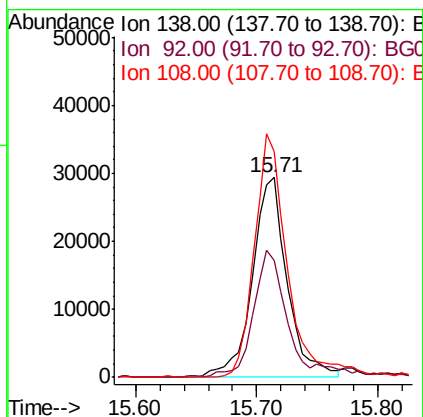
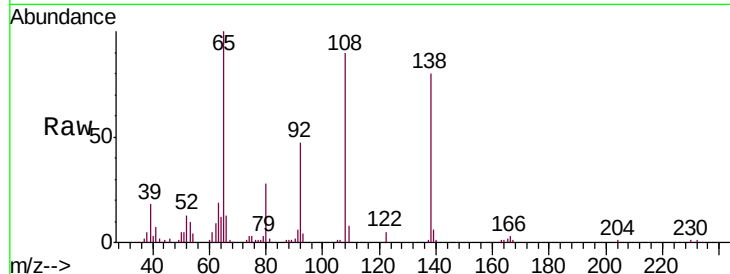




#61
4-Nitroaniline
Concen: 40.563 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

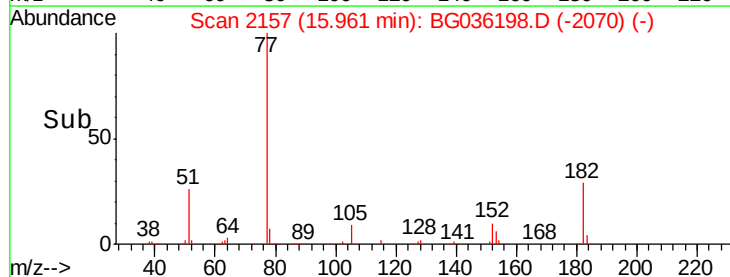
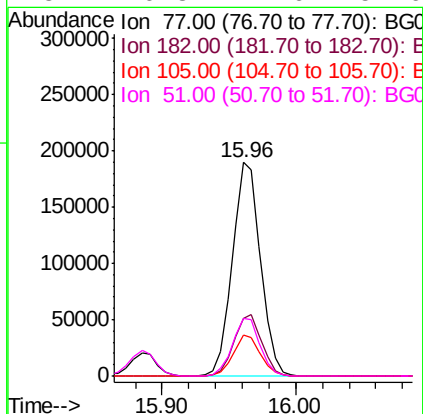
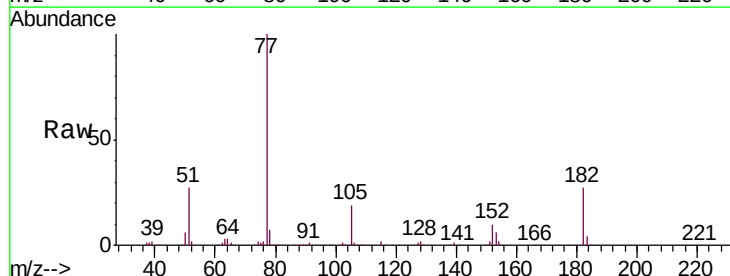
Instrument :
BNA_G
ClientSampleId :
PB111868BSD

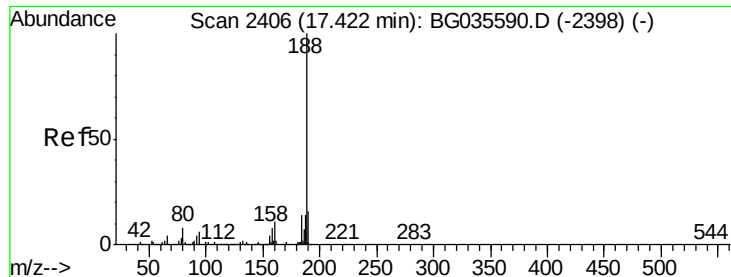
Tgt Ion:138 Resp: 59006
Ion Ratio Lower Upper
138 100
92 58.8 40.1 80.1
108 113.0 65.4 105.4#



#62
Azobenzene
Concen: 41.045 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Tgt Ion: 77 Resp: 278155
Ion Ratio Lower Upper
77 100
182 27.2 7.4 47.4
105 19.2 0.3 40.3
51 26.8 11.6 51.6

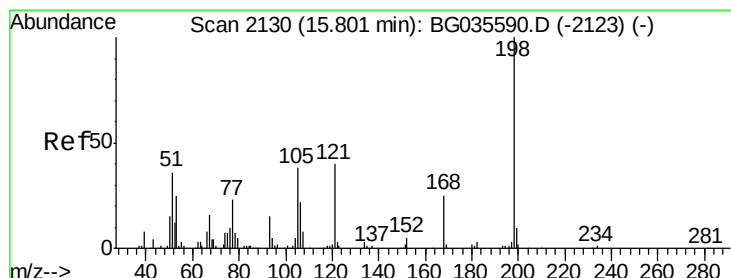
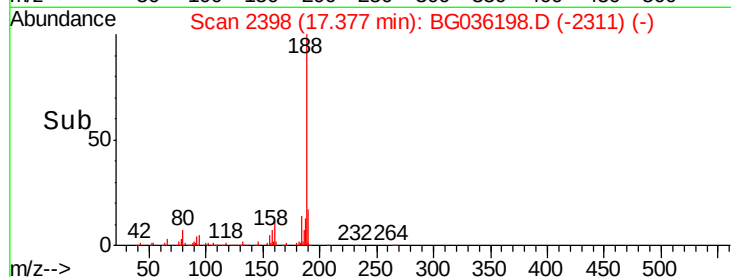
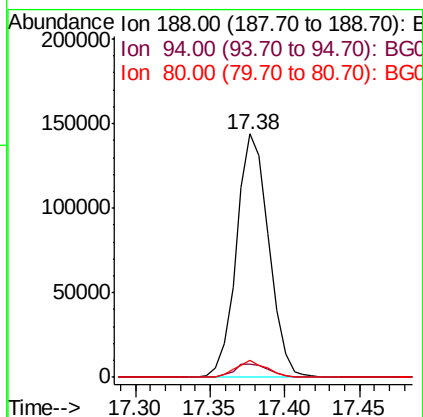
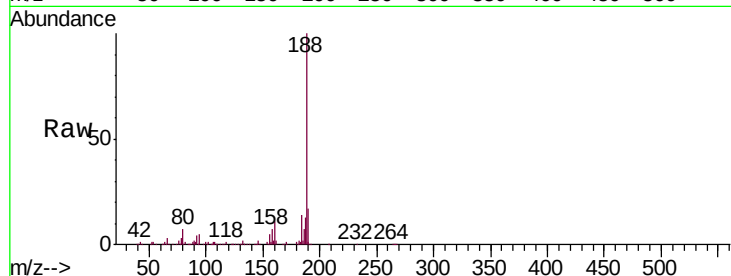




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

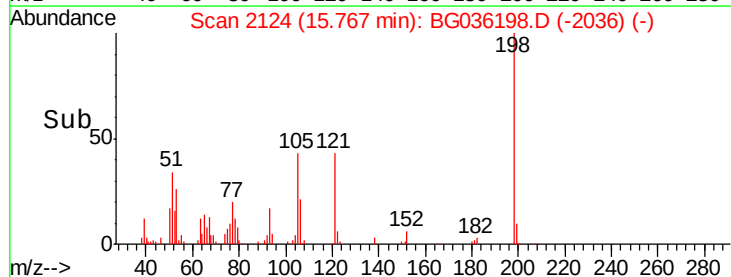
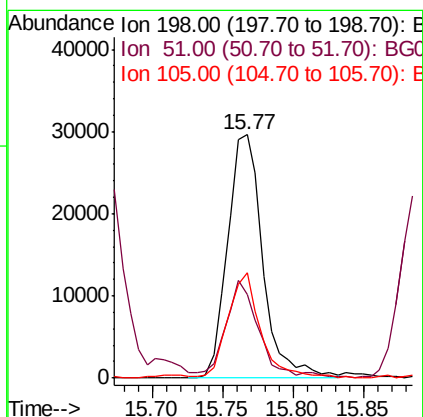
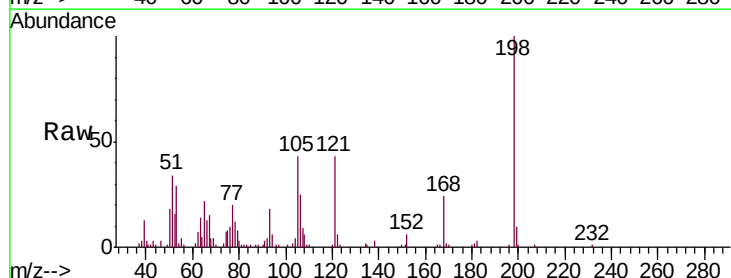
Instrument :
BNA_G
ClientSampleId :
PB111868BSD

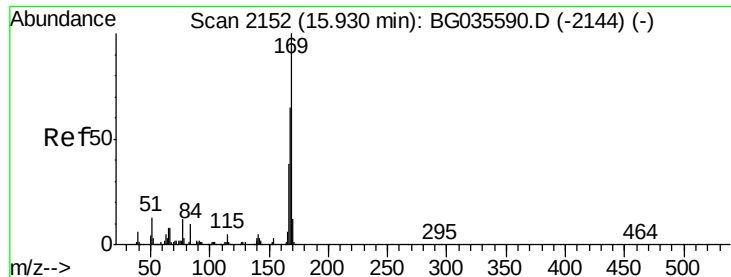
Tgt Ion:188 Resp: 215304
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 7.2 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 43.007 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Tgt Ion:198 Resp: 51545
Ion Ratio Lower Upper
198 100
51 34.2 30.6 70.6
105 43.1 23.8 63.8

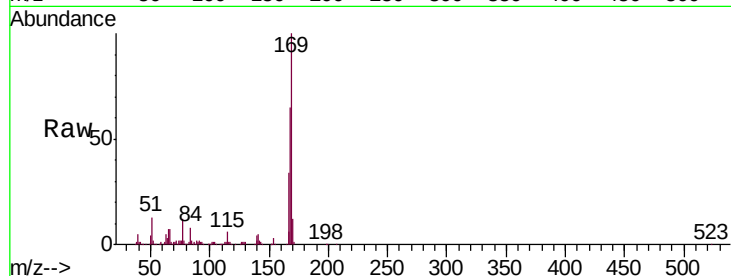




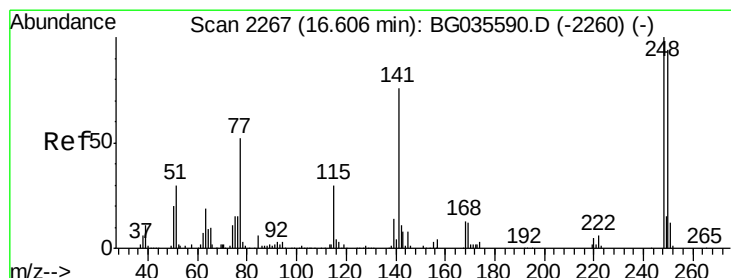
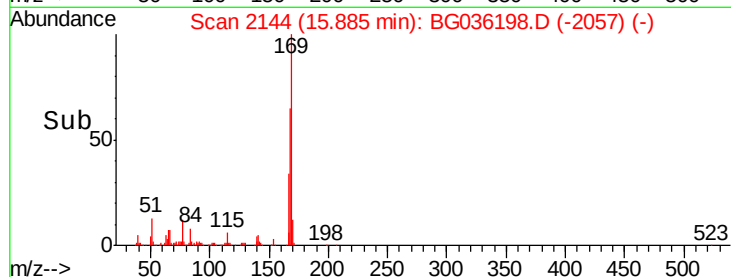
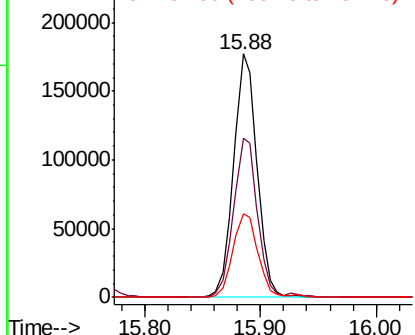
#65
 n-Nitrosodiphenylamine
 Concen: 40.569 ng
 RT: 15.88 min Scan# 2144
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB111868BSD

Tgt Ion:169 Resp: 248624
 Ion Ratio Lower Upper
 169 100
 168 65.4 55.7 83.5
 167 34.2 30.1 45.1

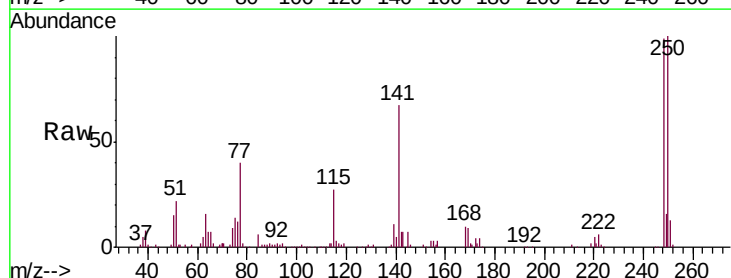


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

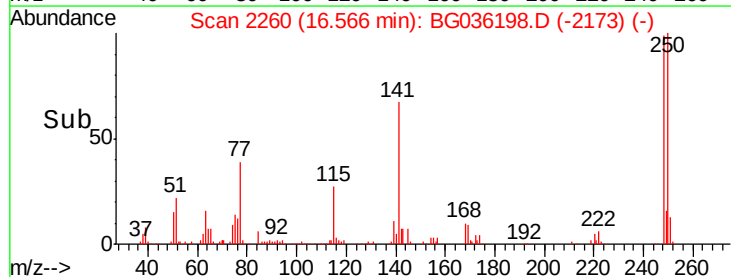
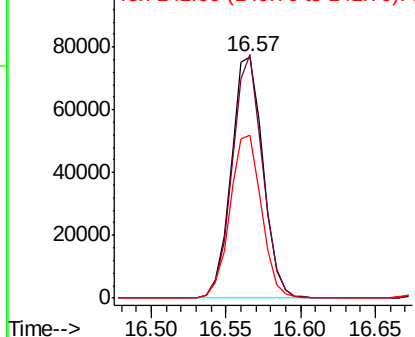


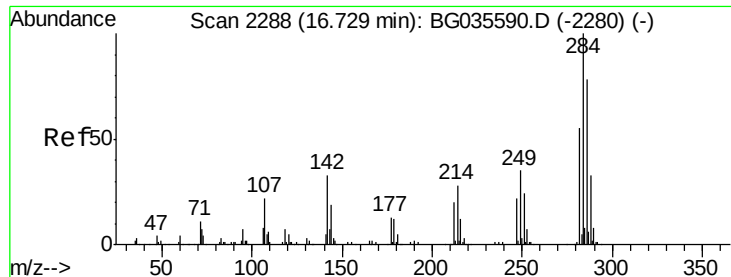
#66
 4-Bromophenyl-phenylether
 Concen: 45.679 ng
 RT: 16.57 min Scan# 2260
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Tgt Ion:248 Resp: 114102
 Ion Ratio Lower Upper
 248 100
 250 100.8 77.1 115.7
 141 67.3 50.8 76.2



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

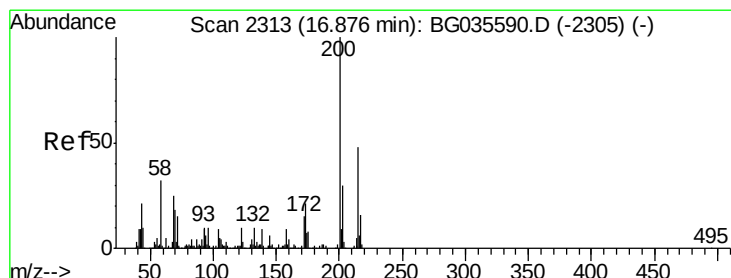
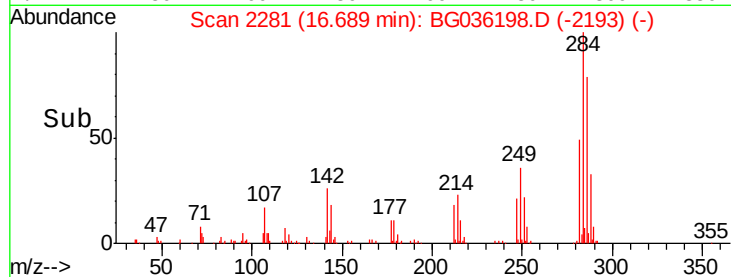
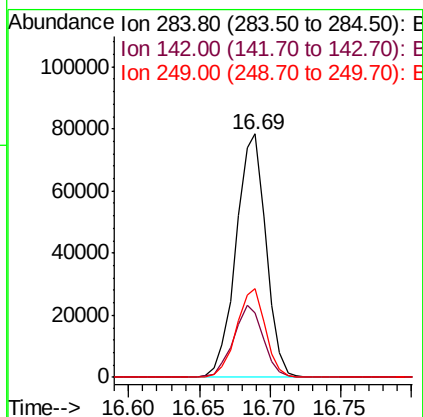
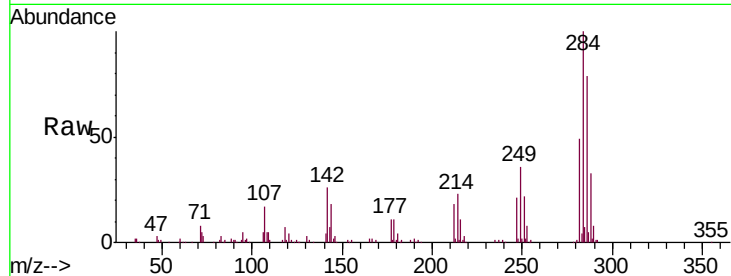




#67
Hexachlorobenzene
Concen: 44.933 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

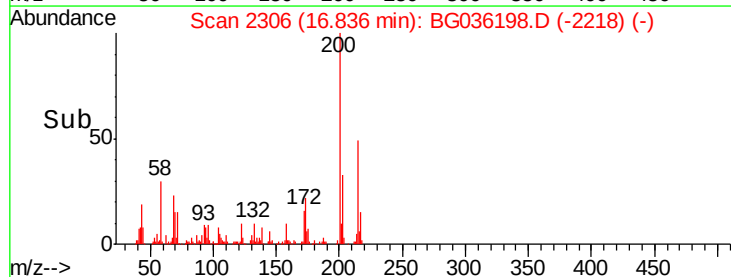
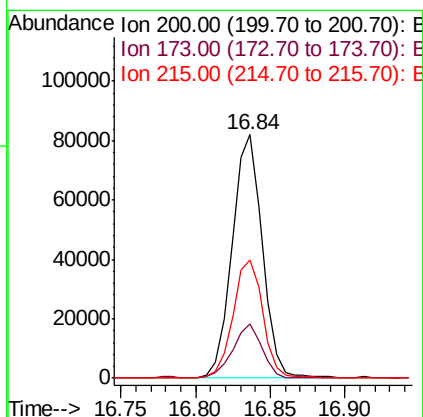
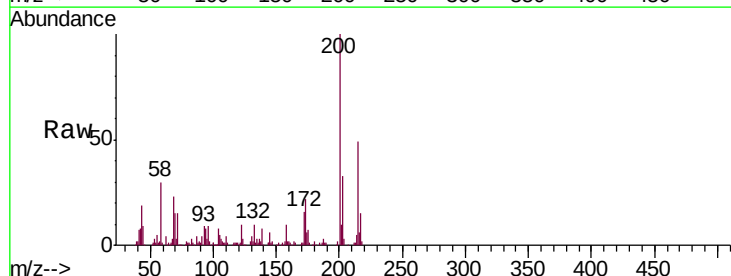
Instrument :
BNA_G
ClientSampleId :
PB111868BSD

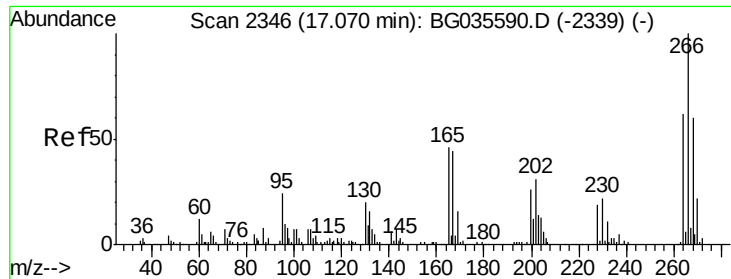
Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.4	26.8	40.2#
249	36.2	26.3	39.5



#68
Atrazine
Concen: 45.780 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.3	5.2	45.2
215	48.8	30.4	70.4

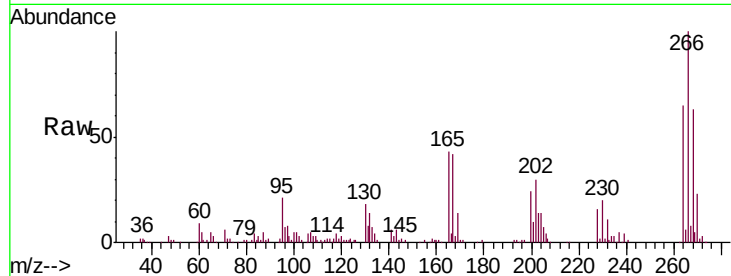




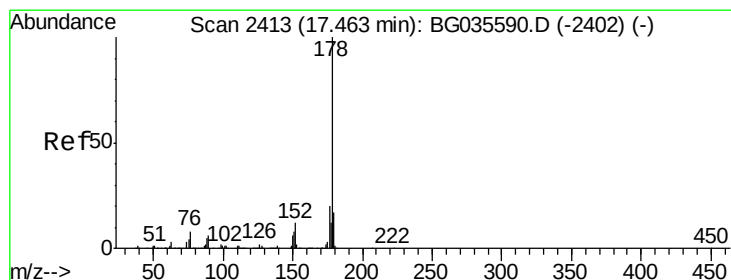
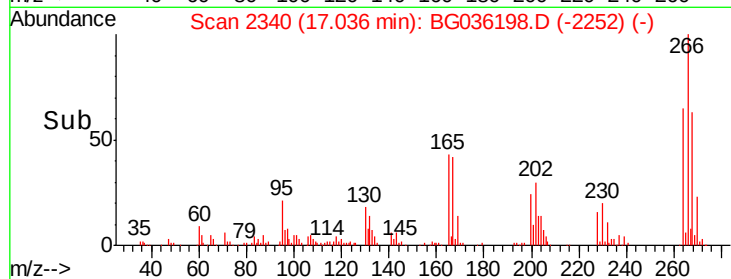
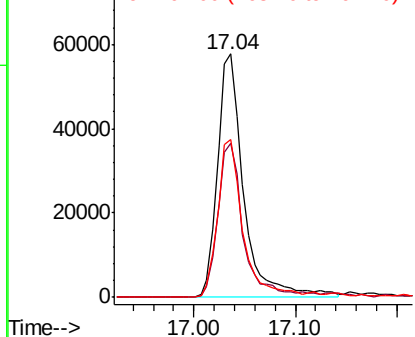
#69
 Pentachlorophenol
 Concen: 66.124 ng
 RT: 17.04 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB111868BSD

Tgt Ion:266 Resp: 103604
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 64.9 49.6 74.4

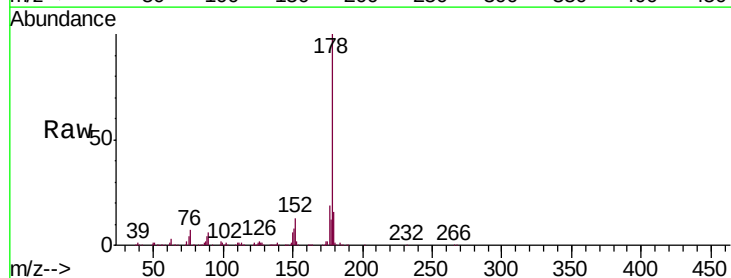


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

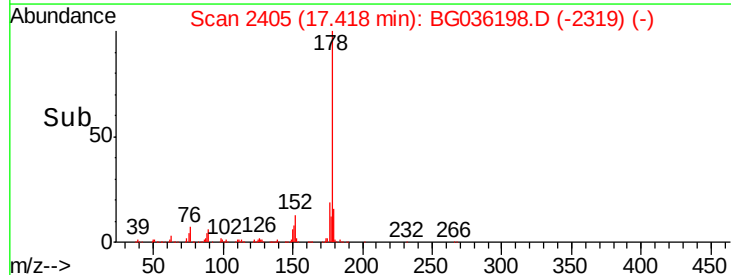
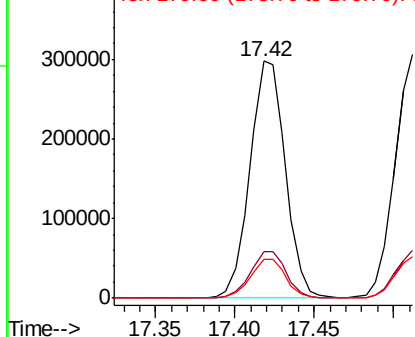


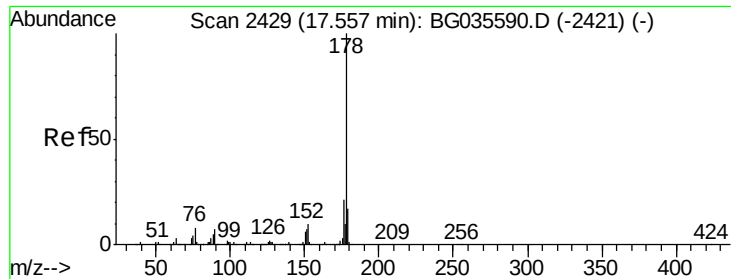
#70
 Phenanthrene
 Concen: 43.069 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Tgt Ion:178 Resp: 462706
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 16.4 12.5 18.7



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

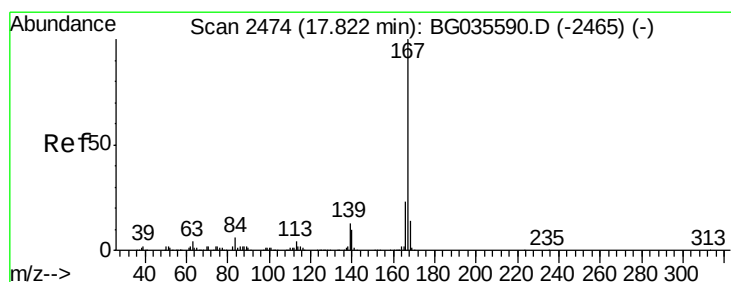
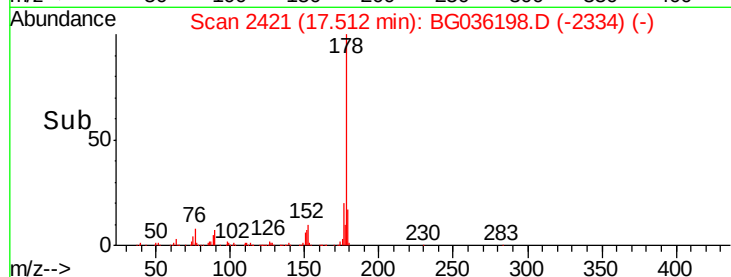
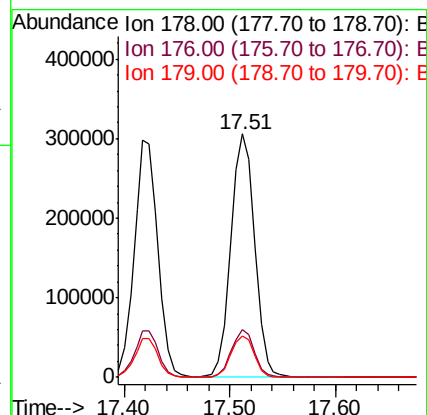
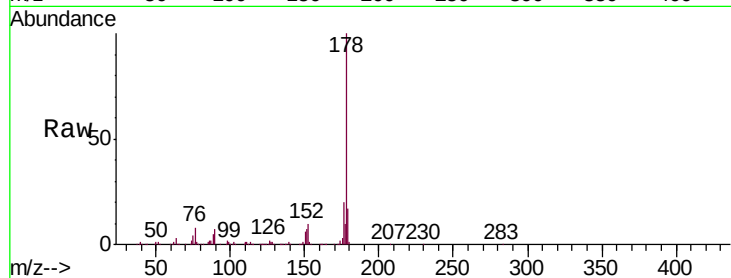




#71
 Anthracene
 Concen: 44.202 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

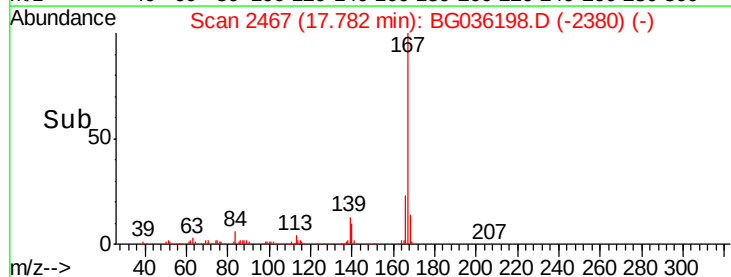
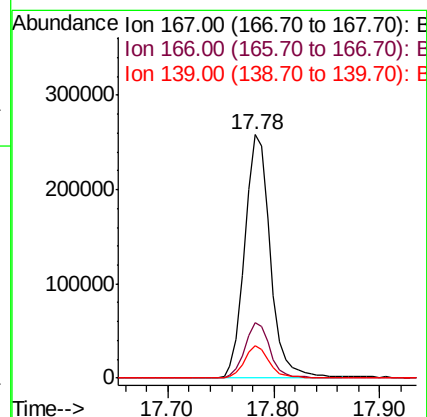
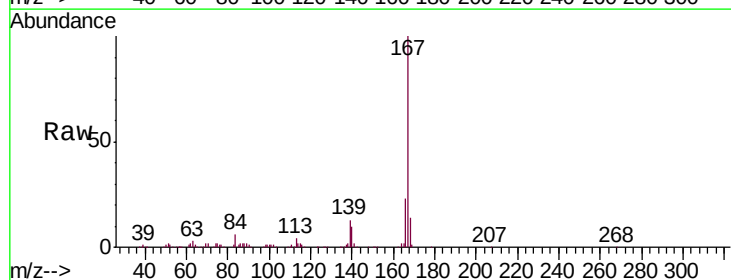
Instrument :
 BNA_G
 ClientSampleId :
 PB111868BSD

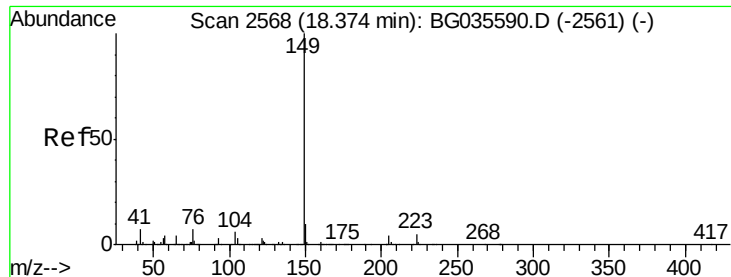
Tgt Ion:178 Resp: 472851
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.9 12.5 18.7



#72
 Carbazole
 Concen: 42.623 ng
 RT: 17.78 min Scan# 2467
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Tgt Ion:167 Resp: 433016
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.4
 139 13.1 9.4 14.2





#73

Di-n-butylphthalate

Concen: 41.320 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

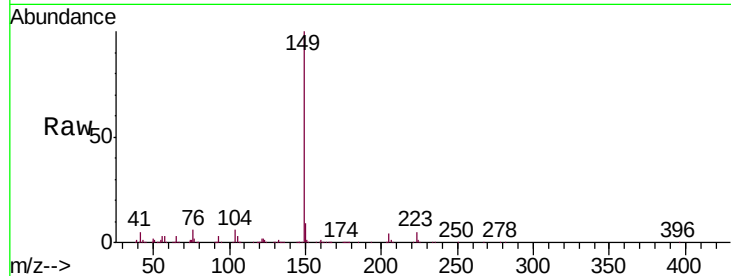
Tgt Ion:149 Resp: 496060

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

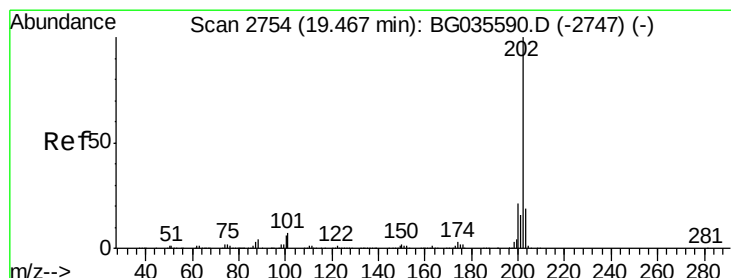
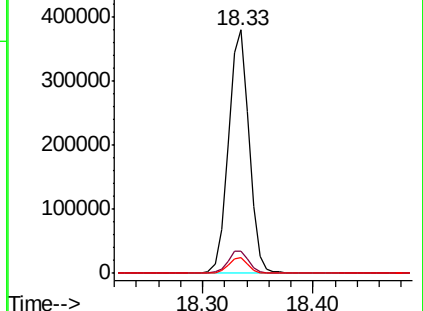
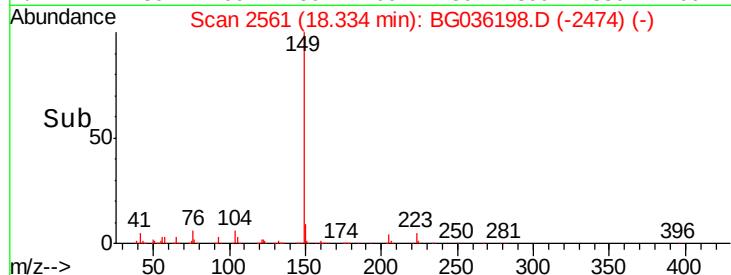
104 6.4 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.253 ng

RT: 19.43 min Scan# 2747

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

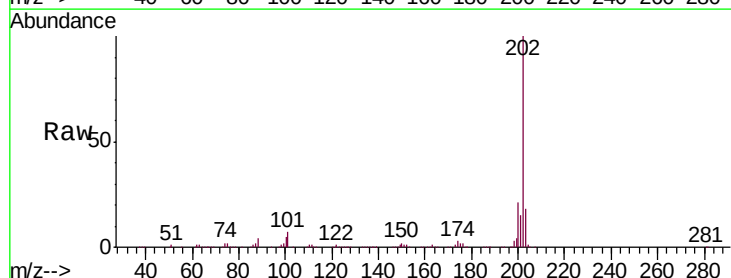
Tgt Ion:202 Resp: 640392

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.9

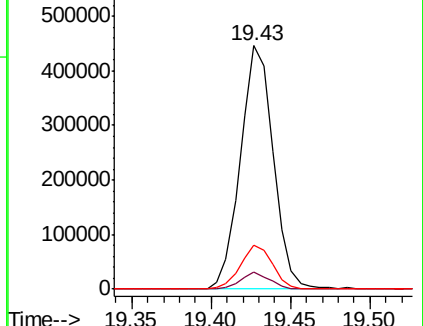
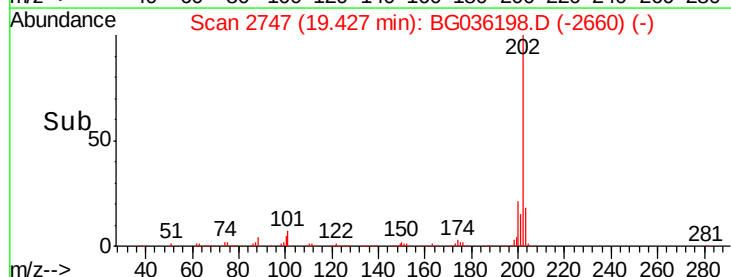
203 18.0 0.0 37.5

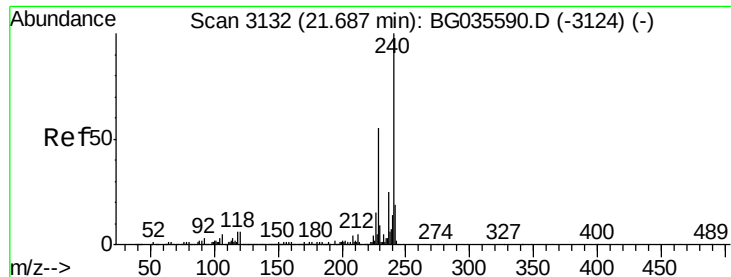


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

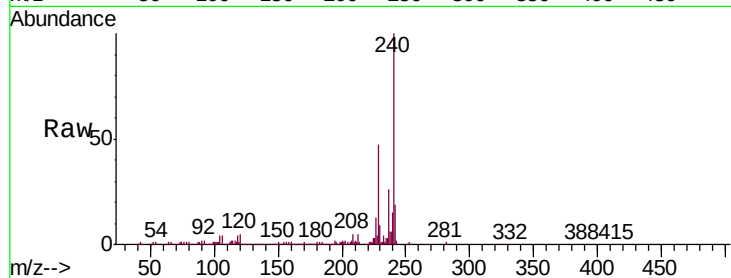
Tgt Ion:240 Resp: 246722

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

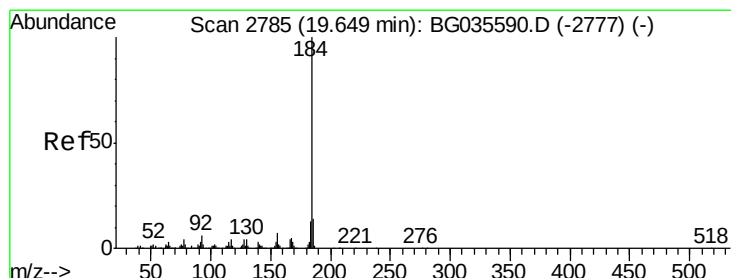
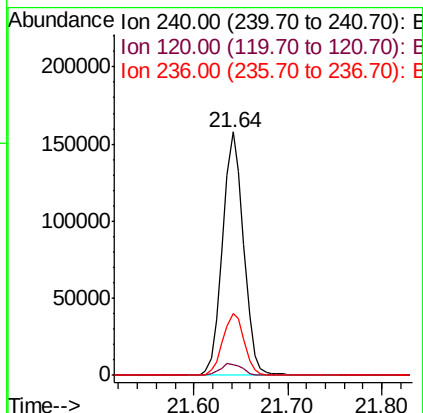
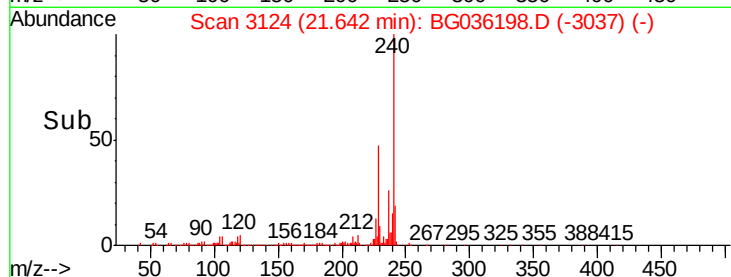
236 25.6 20.9 31.3



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: 33.307 ng

RT: 19.61 min Scan# 2778

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

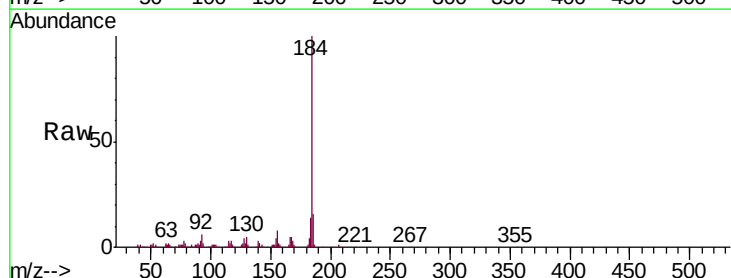
Tgt Ion:184 Resp: 216044

Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

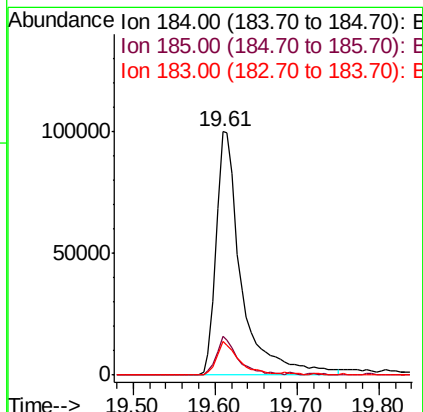
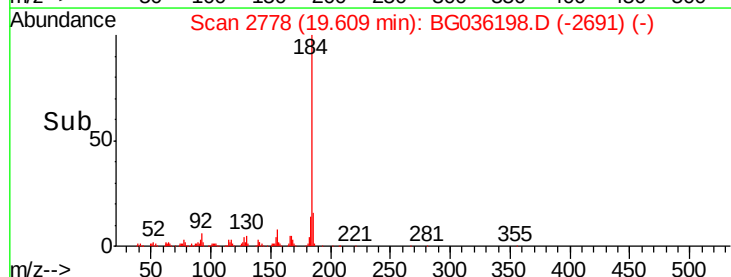
183 13.7 10.6 16.0

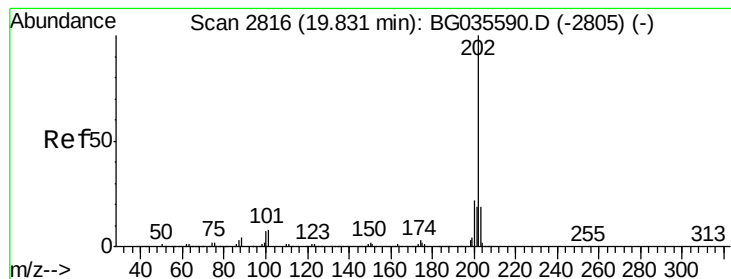


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.954 ng

RT: 19.79 min Scan# 2809

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

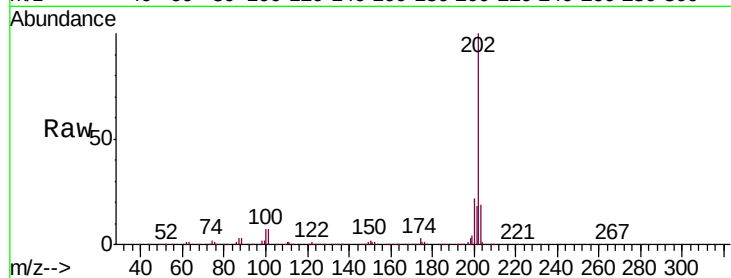
Tgt Ion:202 Resp: 638902

Ion Ratio Lower Upper

202 100

200 22.3 16.9 25.3

203 19.1 13.9 20.9

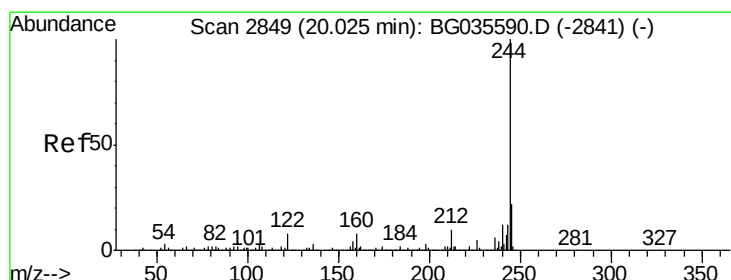
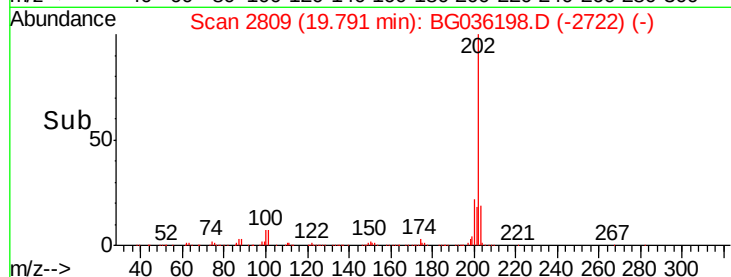
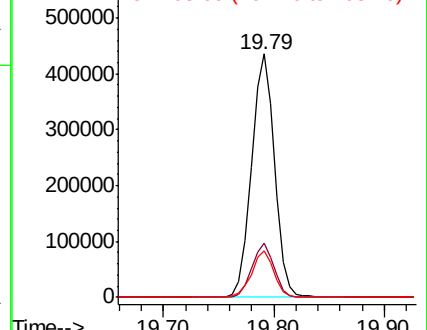


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.307 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

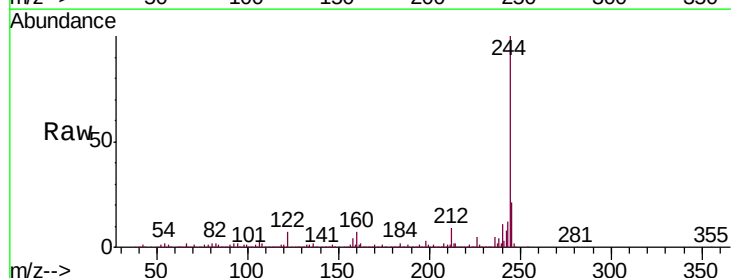
Tgt Ion:244 Resp: 1044359

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

122 6.5 7.0 10.4#

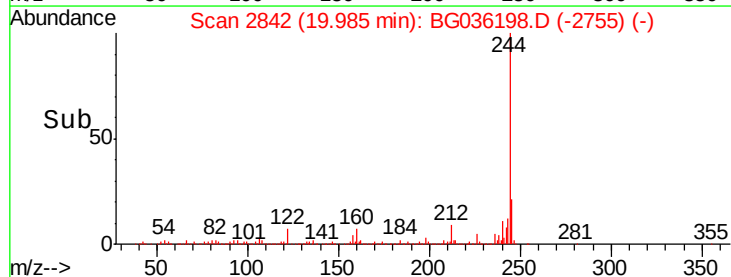
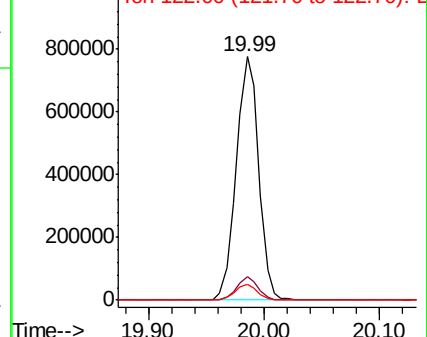


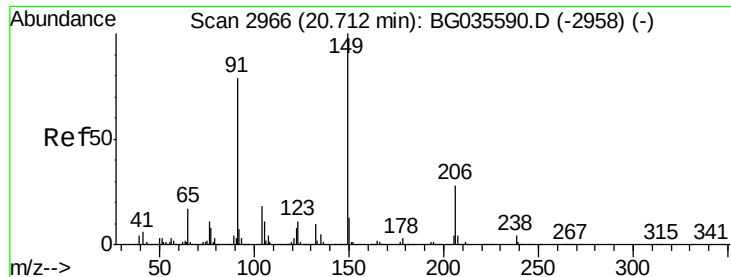
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

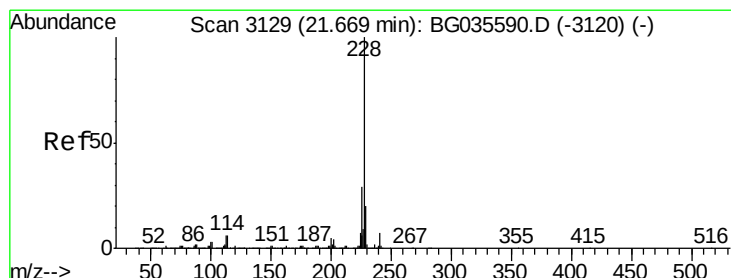
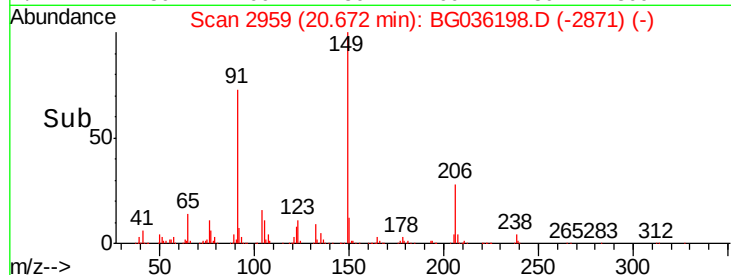
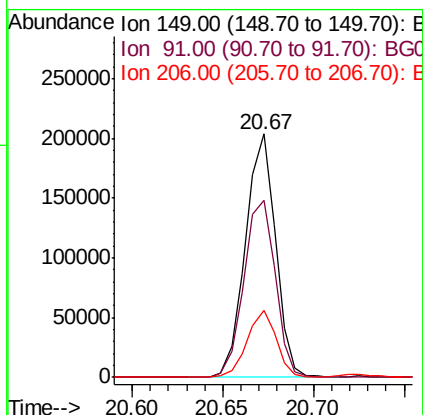
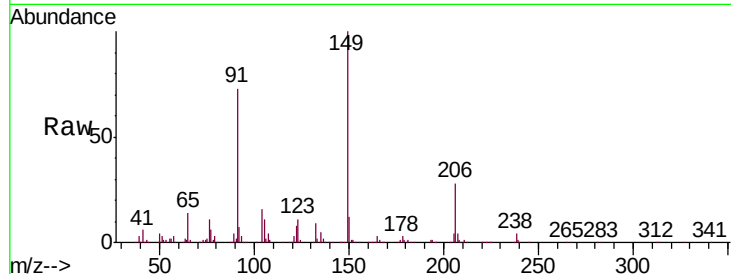




#79
Butylbenzylphthalate
Concen: 42.394 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

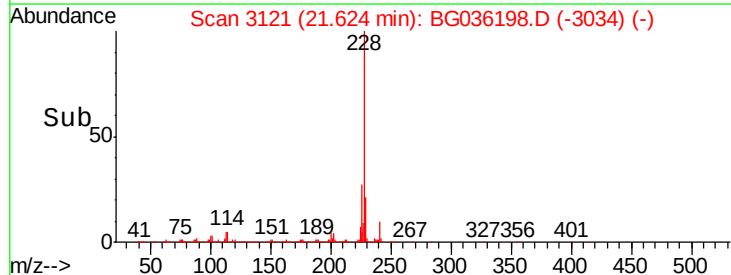
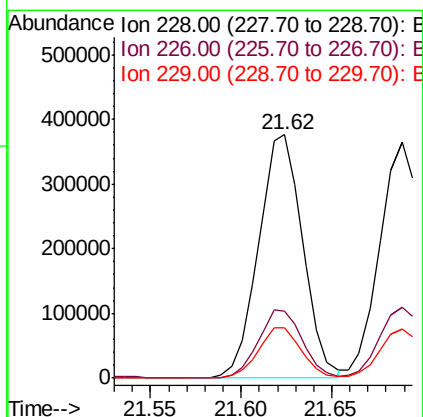
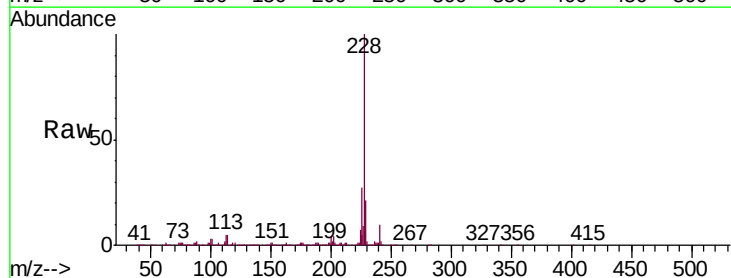
Instrument :
BNA_G
ClientSampleId :
PB111868BSD

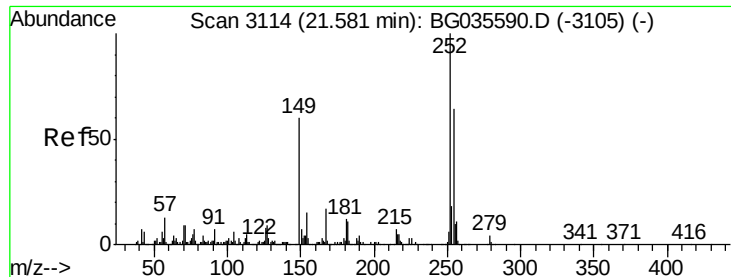
Tgt Ion:149 Resp: 236510
Ion Ratio Lower Upper
149 100
91 72.8 62.2 93.2
206 27.6 18.6 27.8



#80
Benzo(a)anthracene
Concen: 41.625 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BG036198.D
Acq: 8 Aug 2018 15:17

Tgt Ion:228 Resp: 639983
Ion Ratio Lower Upper
228 100
226 27.4 22.7 34.1
229 20.8 16.2 24.2

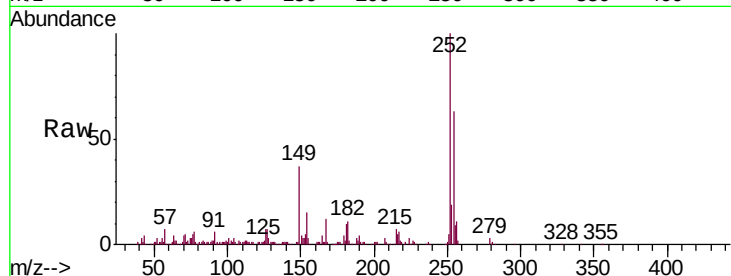




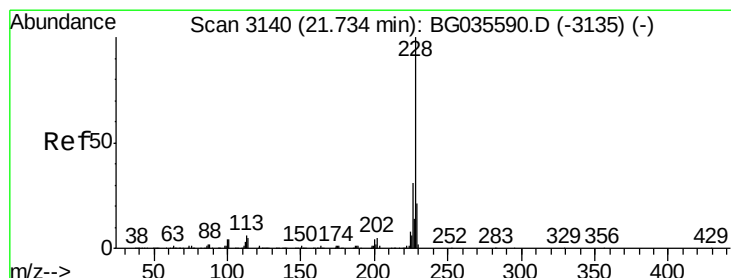
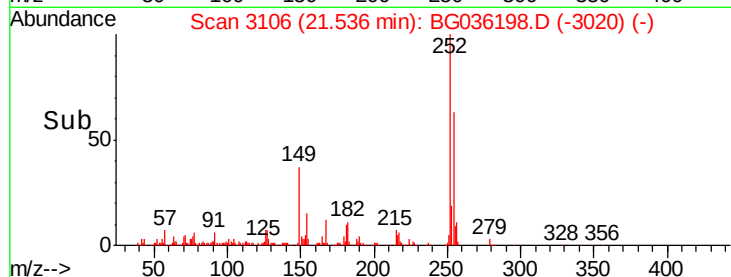
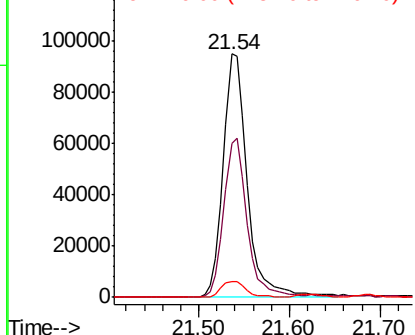
#81
 3,3'-Dichlorobenzidine
 Concen: 32.872 ng
 RT: 21.54 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB111868BSD

Tgt Ion:252 Resp: 176226
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.8 76.2
 126 6.7 7.4 11.2#

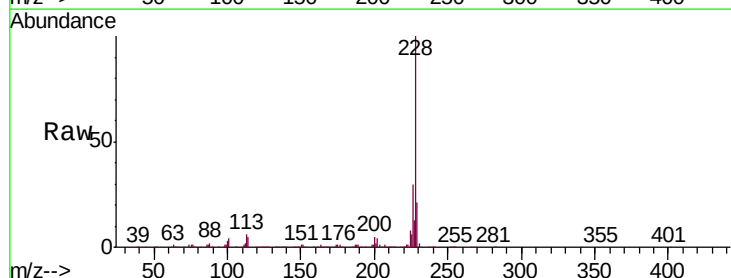


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

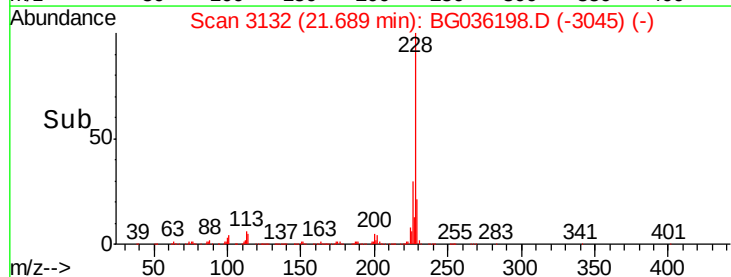
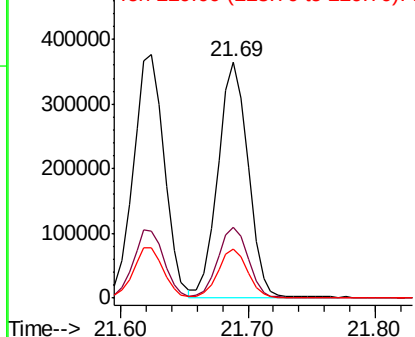


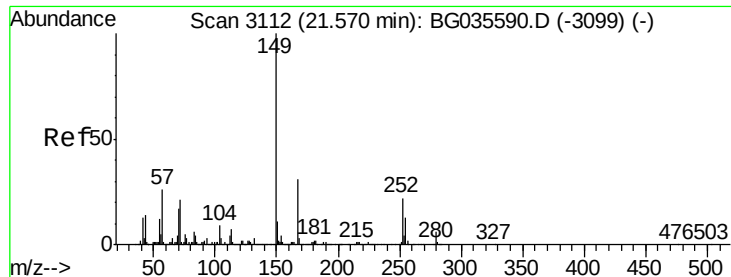
#82
 Chrysene
 Concen: 42.232 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036198.D
 Acq: 8 Aug 2018 15:17

Tgt Ion:228 Resp: 601712
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.9 37.3
 229 20.5 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.266 ng

RT: 21.52 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

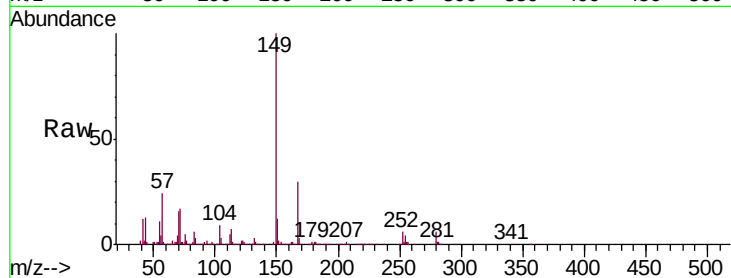
Tgt Ion:149 Resp: 320562

Ion Ratio Lower Upper

149 100

167 30.4 24.3 36.5

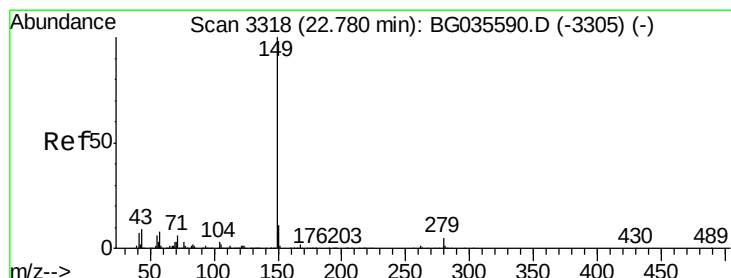
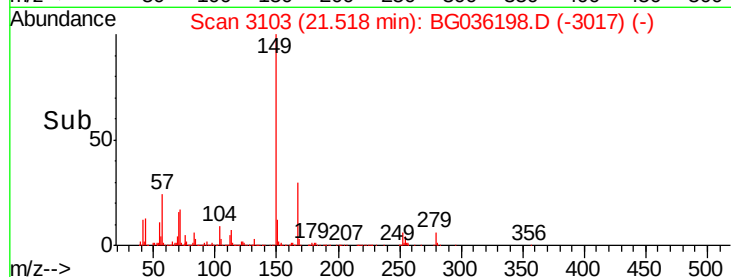
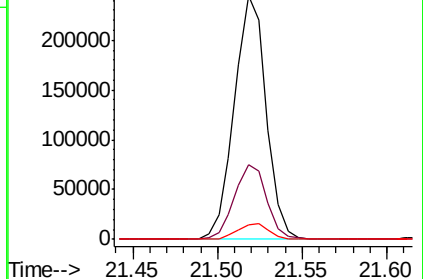
279 6.1 4.0 6.0#



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: 42.768 ng

RT: 22.71 min Scan# 3306

Delta R.T. -0.03 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

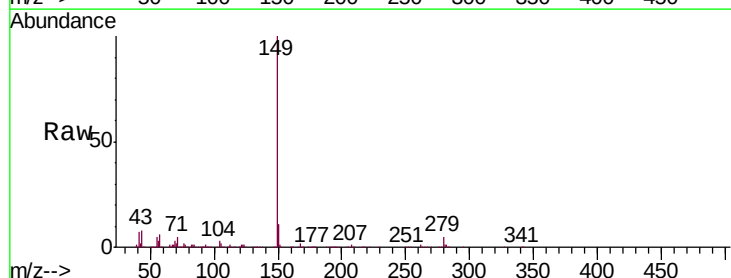
Tgt Ion:149 Resp: 543118

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

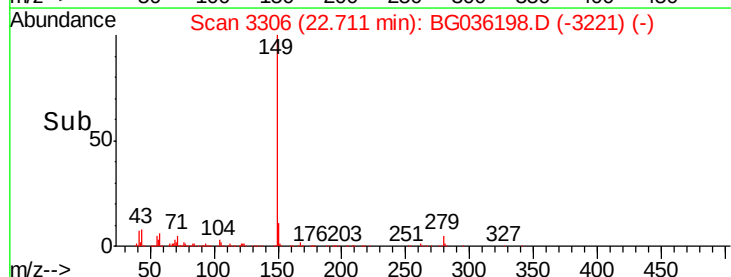
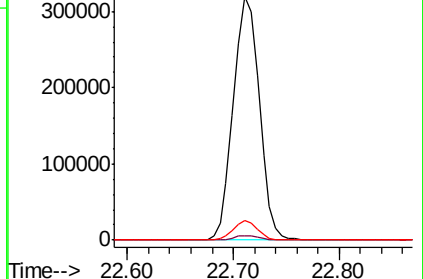
43 7.4 8.9 13.3#

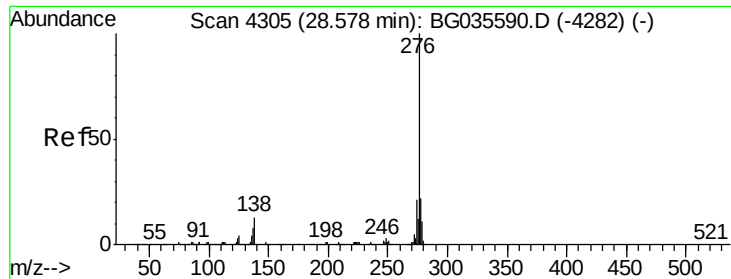


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.421 ng

RT: 28.46 min Scan# 4284

Delta R.T. -0.05 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

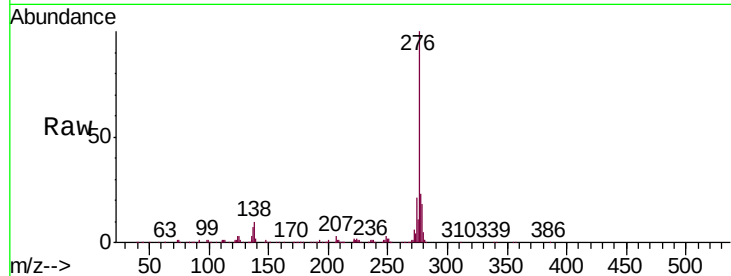
Tgt Ion:276 Resp: 669162

Ion Ratio Lower Upper

276 100

138 4.3 16.0 24.0#

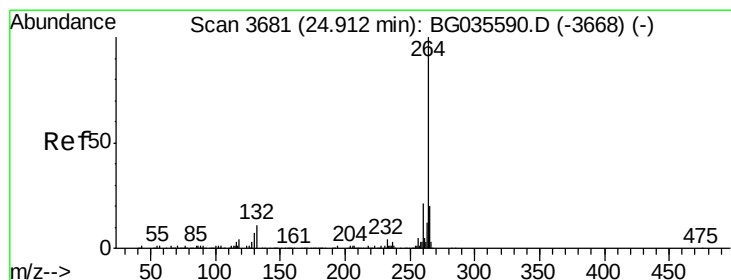
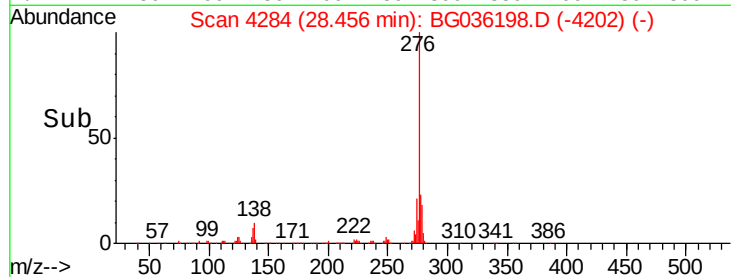
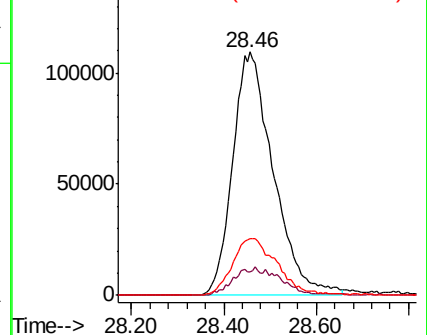
277 25.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3666

Delta R.T. -0.03 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

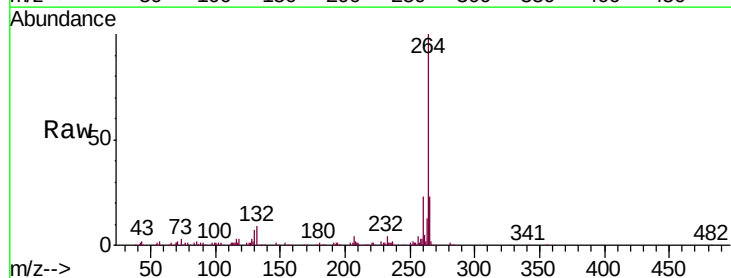
Tgt Ion:264 Resp: 233378

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

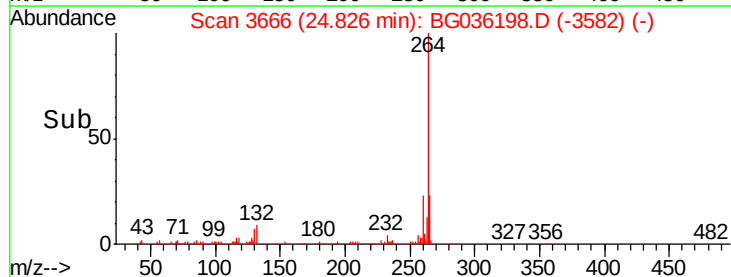
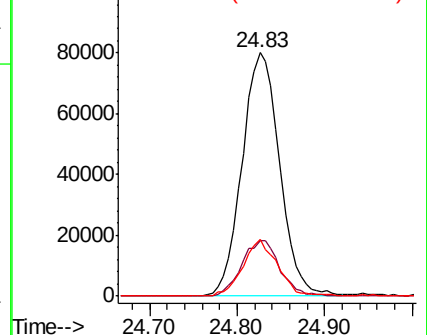
265 23.4 17.7 26.5

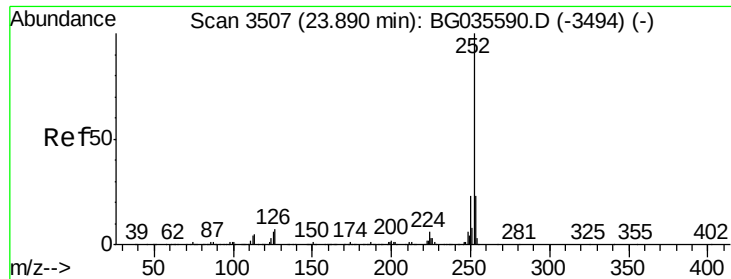


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.179 ng

RT: 23.82 min Scan# 3495

Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

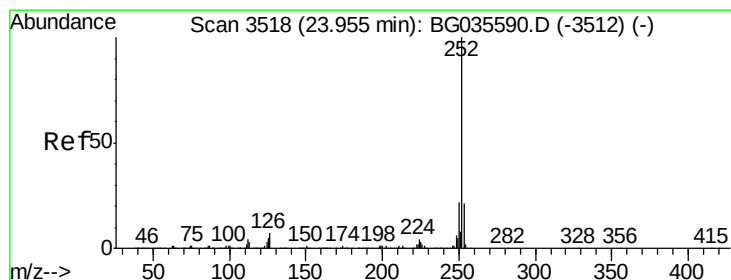
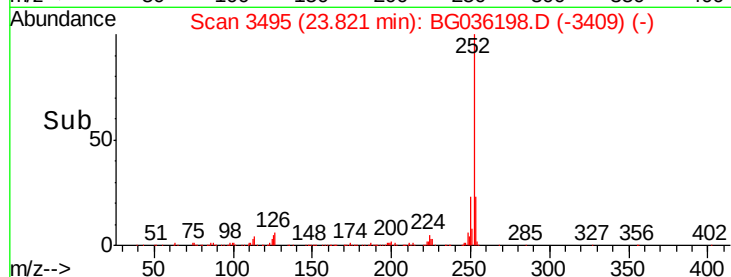
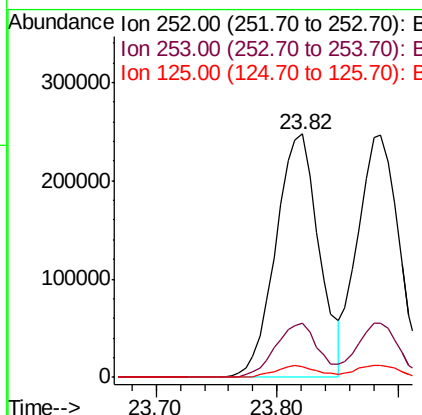
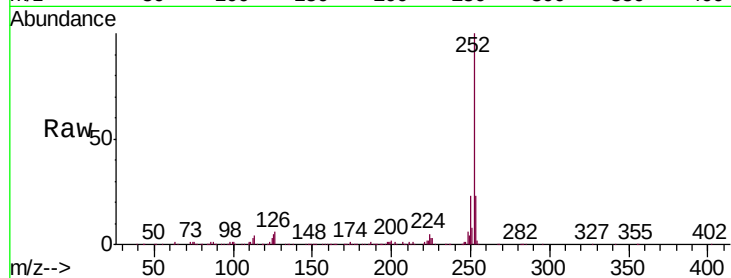
Instrument :

BNA_G

ClientSampleId :

PB111868BSD

Tgt Ion:	252	Resp:	612473
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	4.5	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 42.103 ng

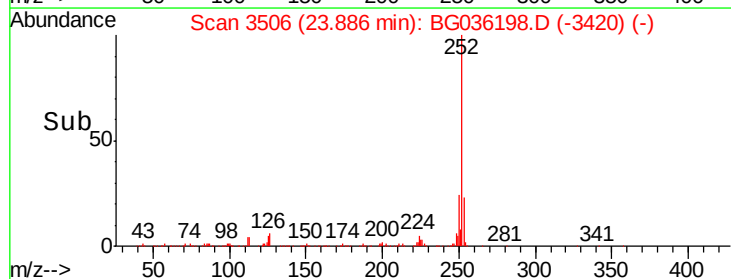
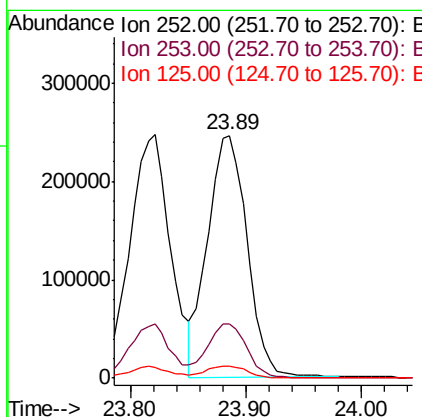
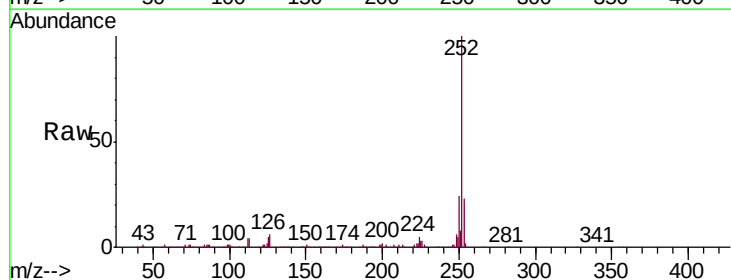
RT: 23.89 min Scan# 3506

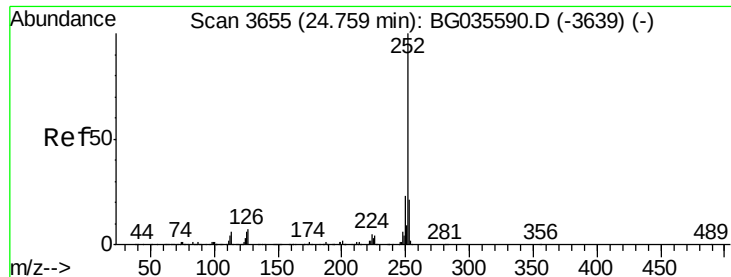
Delta R.T. -0.02 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Tgt Ion:	252	Resp:	583860
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	4.7	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 44.218 ng

RT: 24.68 min Scan# 3641

Delta R.T. -0.03 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

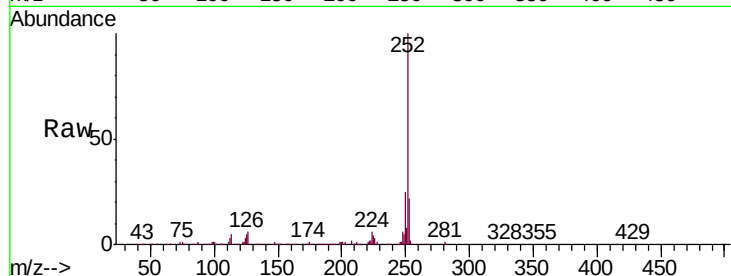
Tgt Ion:252 Resp: 583518

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

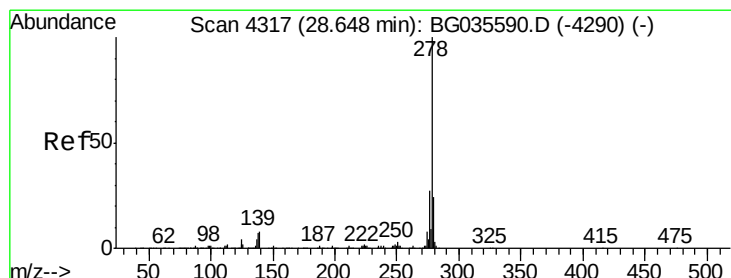
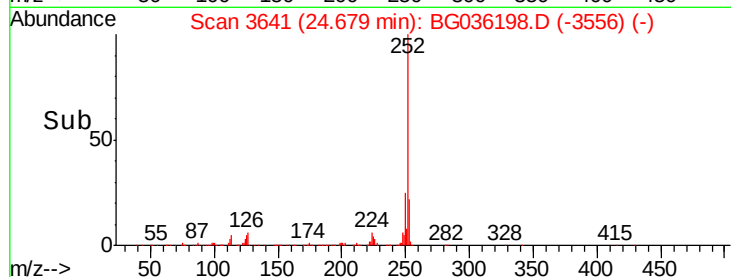
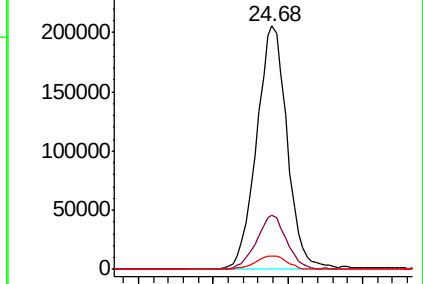
125 5.3 7.3 10.9#



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: 42.590 ng

RT: 28.51 min Scan# 4293

Delta R.T. -0.06 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

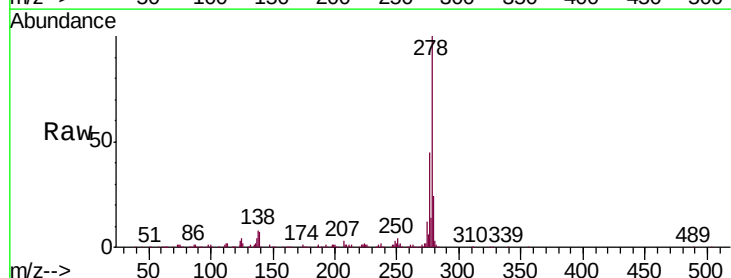
Tgt Ion:278 Resp: 551767

Ion Ratio Lower Upper

278 100

139 7.0 9.8 14.6#

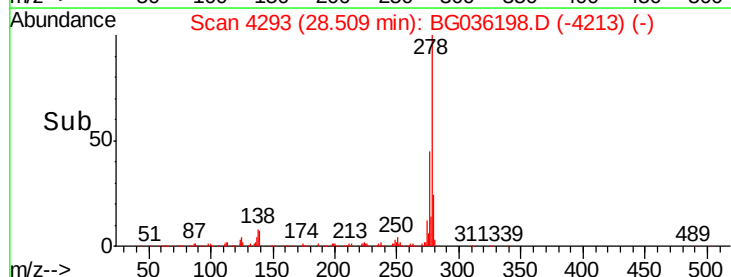
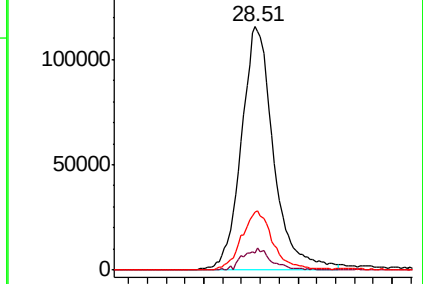
279 23.7 18.4 27.6

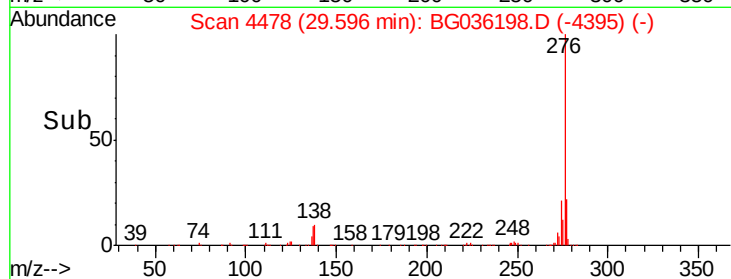
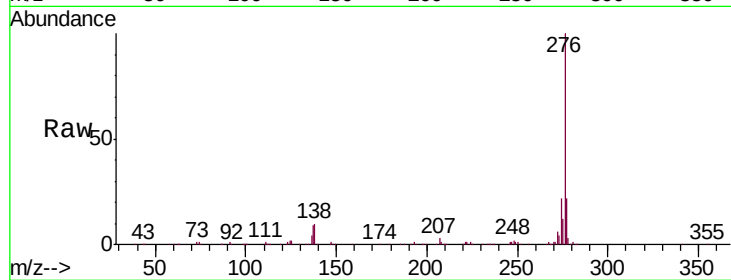
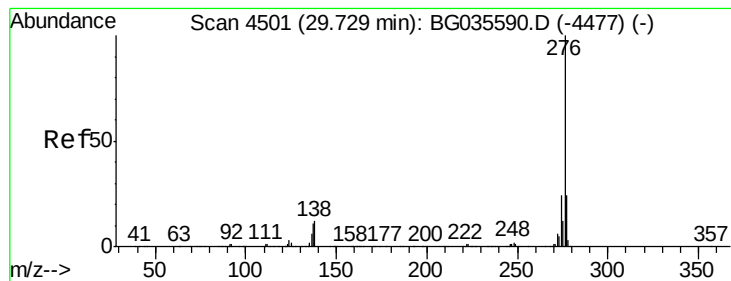


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.224 ng

RT: 29.60 min Scan# 4478

Delta R.T. -0.04 min

Lab File: BG036198.D

Acq: 8 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

PB111868BSD

Tgt Ion:276 Resp: 560641

Ion Ratio Lower Upper

276 100

277 22.2 18.3 27.5

138 10.1 13.9 20.9#

