

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036168.D
 Acq On : 7 Aug 2018 19:03
 Operator : JU/SJ
 Sample : PB111837BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 08 01:03:47 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	24105	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	93003	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	68165	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	194589	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	222475	20.00	ng	-0.02
86) Perylene-d12	24.82	264	214076	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	200598	138.16	ng	0.00
7) Phenol-d6	7.18	99	282872	130.58	ng	-0.01
23) Nitrobenzene-d5	9.17	82	184827	83.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	145862	162.35	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	433823	85.27	ng	-0.02
78) Terphenyl-d14	19.98	244	970120	96.12	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	27173	36.771	ng	# 75
3) Pyridine	3.90	79	73392	38.044	ng	# 70
4) n-Nitrosodimethylamine	3.82	42	31954	38.576	ng	# 94
6) Aniline	7.34	93	86560	30.829	ng	93
8) 2-Chlorophenol	7.58	128	66879	45.291	ng	91
9) Benzaldehyde	7.15	77	37974	28.570	ng	93
10) Phenol	7.21	94	94415	43.141	ng	92
11) bis(2-Chloroethyl)ether	7.43	93	65784	38.382	ng	89
12) 1,3-Dichlorobenzene	7.89	146	77771	43.613	ng	97
13) 1,4-Dichlorobenzene	8.04	146	79828	44.059	ng	94
14) 1,2-Dichlorobenzene	8.36	146	74963	43.068	ng	99
15) Benzyl Alcohol	8.25	79	73244	37.234	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.53	45	71713	49.907	ng	78
17) 2-Methylphenol	8.46	107	61801	41.533	ng	# 89
18) Hexachloroethane	9.09	117	29758	42.956	ng	88
19) n-Nitroso-di-n-propylamine	8.81	70	61401	33.660	ng	# 83
20) 3+4-Methylphenols	8.79	107	82862	40.142	ng	85
22) Acetophenone	8.83	105	112892	39.034	ng	# 91
24) Nitrobenzene	9.22	77	93040	41.555	ng	# 90
25) Isophorone	9.73	82	167502	40.530	ng	# 98
26) 2-Nitrophenol	9.92	139	37632	47.325	ng	# 88
27) 2,4-Dimethylphenol	9.99	122	67459	50.118	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	89024	39.093	ng	98
29) 2,4-Dichlorophenol	10.47	162	72251	47.024	ng	94
30) 1,2,4-Trichlorobenzene	10.67	180	85397	45.326	ng	96
31) Naphthalene	10.86	128	204180	42.146	ng	97
32) Benzoic acid	10.15	122	14738	16.265	ng	87
33) 4-Chloroaniline	10.98	127	54627	25.871	ng	# 93
34) Hexachlorobutadiene	11.14	225	69213	47.110	ng	98
35) Caprolactam	11.75	113	17480	26.510	ng	# 70
36) 4-Chloro-3-methylphenol	12.10	107	89645	43.527	ng	99
37) 2-Methylnaphthalene	12.46	142	157937	43.758	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	111310	43.265	ng	98
40) Hexachlorocyclopentadiene	12.81	237	140368	104.032	ng	89

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036168.D
 Acq On : 7 Aug 2018 19:03
 Operator : JU/SJ
 Sample : PB111837BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 08 01:03:47 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)
42) 2,4,6-Trichlorophenol	13.08	196	70193	46.653	nq	94
43) 2,4,5-Trichlorophenol	13.16	196	79112	47.002	nq	94
45) 1,1'-Biphenyl	13.47	154	219409	41.517	nq	97
46) 2-Chloronaphthalene	13.51	162	173879	42.299	nq	100
47) 2-Nitroaniline	13.72	65	60798	41.835	nq	# 83
48) Acenaphthylene	14.36	152	292847	42.528	nq	99
49) Dimethylphthalate	14.09	163	242657	40.631	nq	99
50) 2,6-Dinitrotoluene	14.21	165	58341	47.971	nq	93
51) Acenaphthene	14.70	154	166755	38.875	nq	96
52) 3-Nitroaniline	14.54	138	38227	30.753	nq	# 80
53) 2,4-Dinitrophenol	14.76	184	46565	74.912	nq	# 68
54) Dibenzofuran	15.03	168	290683	42.610	nq	93
55) 4-Nitrophenol	14.86	139	66855	75.523	nq	# 84
56) 2,4-Dinitrotoluene	15.00	165	83616	47.924	nq	90
57) Fluorene	15.68	166	244908	42.833	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	82890	51.363	nq	92
59) Diethylphthalate	15.45	149	249240	40.586	nq	99
60) 4-Chlorophenyl-phenylether	15.67	204	144478	42.992	nq	96
61) 4-Nitroaniline	15.71	138	52543	40.410	nq	# 79
62) Azobenzene	15.97	77	250676	41.383	nq	94
64) 4,6-Dinitro-2-methylphenol	15.76	198	50571	46.686	nq	84
65) n-Nitrosodiphenylamine	15.89	169	228926	41.332	nq	96
66) 4-Bromophenyl-phenylether	16.56	248	98145	43.474	nq	95
67) Hexachlorobenzene	16.69	284	101500	43.658	nq	95
68) Atrazine	16.83	200	105426	46.230	nq	97
69) Pentachlorophenol	17.03	266	96794	68.354	nq	96
70) Phenanthrene	17.42	178	421986	43.460	nq	99
71) Anthracene	17.51	178	427503	44.218	nq	96
72) Carbazole	17.79	167	389800	42.454	nq	99
73) Di-n-butylphthalate	18.33	149	449599	41.437	nq	# 98
74) Fluoranthene	19.43	202	584985	44.728	nq	96
76) Benzidine	19.61	184	215084	36.773	nq	98
77) Pyrene	19.79	202	576131	40.955	nq	98
79) Butylbenzylphthalate	20.67	149	211461	42.035	nq	# 95
80) Benzo(a)anthracene	21.62	228	588438	42.443	nq	99
81) 3,3'-Dichlorobenzidine	21.54	252	154510	31.962	nq	# 95
82) Chrysene	21.69	228	550432	42.844	nq	96
83) Bis(2-ethylhexyl)phthalate	21.52	149	292251	42.733	nq	# 97
84) Di-n-octyl phthalate	22.72	149	495124	43.238	nq	# 92
85) Indeno(1,2,3-cd)pyrene	28.45	276	611533	42.993	nq	# 87
87) Benzo(b)fluoranthene	23.81	252	560978	43.114	nq	# 96
88) Benzo(k)fluoranthene	23.88	252	533067	41.906	nq	# 97
89) Benzo(a)pyrene	24.68	252	537149	44.375	nq	# 94
90) Dibenzo(a,h)anthracene	28.51	278	498142	41.917	nq	# 95
91) Benzo(g,h,i)perylene	29.58	276	513941	44.195	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

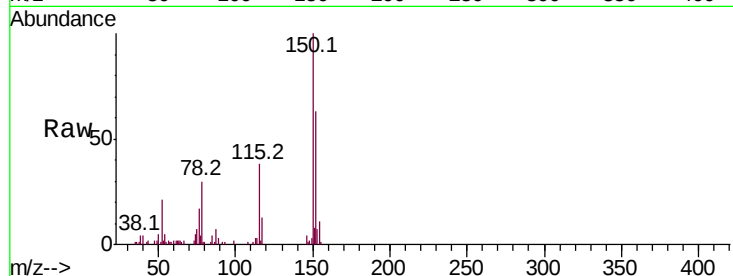
Tot Ion:152 Resp: 24105

Ion Ratio Lower Upper

152 100

150 159.7 126.6 189.8

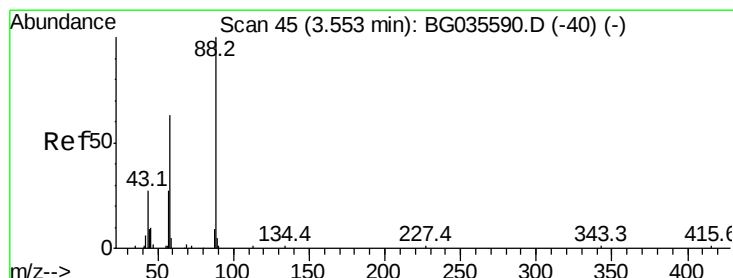
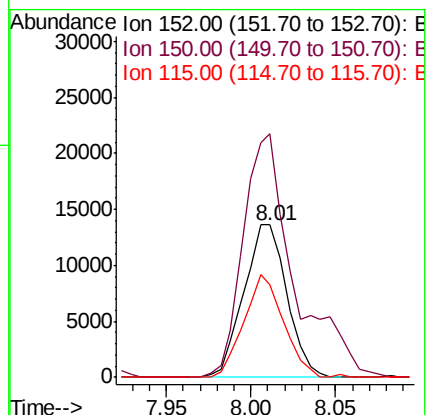
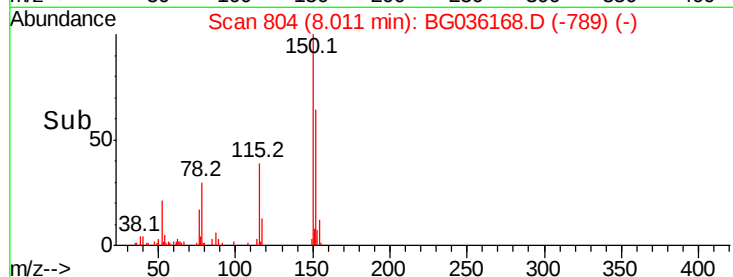
115 60.8 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.771 ng

RT: 3.51 min Scan# 37

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

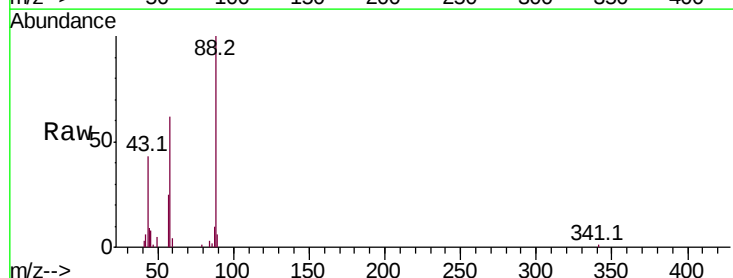
Tgt Ion: 88 Resp: 27173

Ion Ratio Lower Upper

88 100

58 67.4 79.6 119.4#

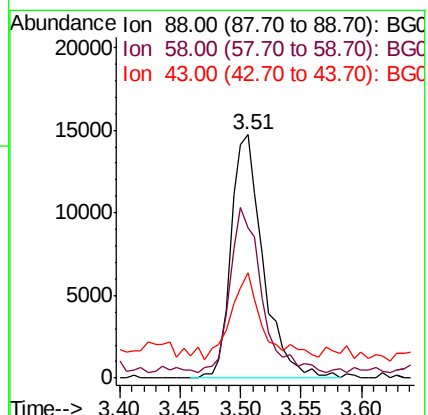
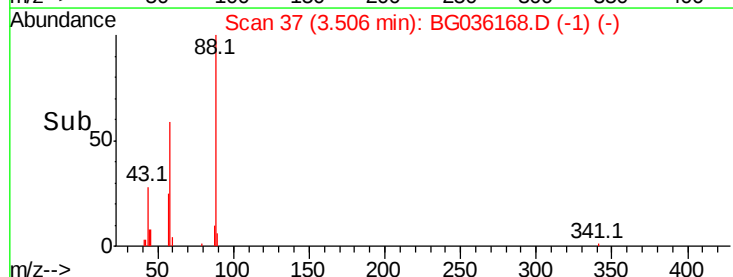
43 32.4 27.4 41.0

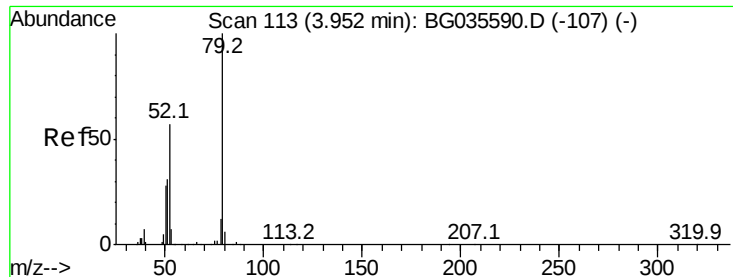


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.044 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

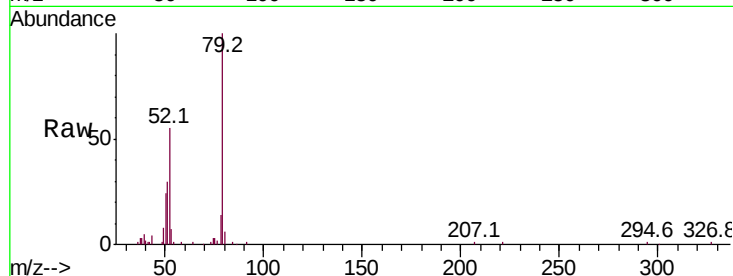
Tot Ion: 79 Resp: 73392

Ion Ratio Lower Upper

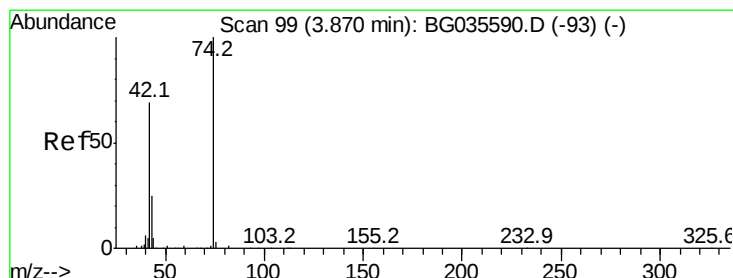
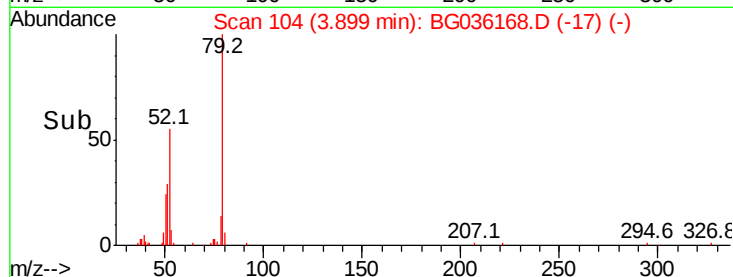
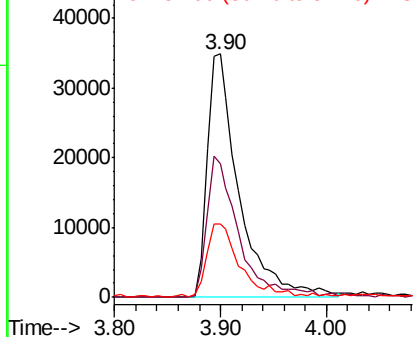
79 100

52 55.0 69.9 104.9#

51 30.3 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: 38.576 ng

RT: 3.82 min Scan# 90

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

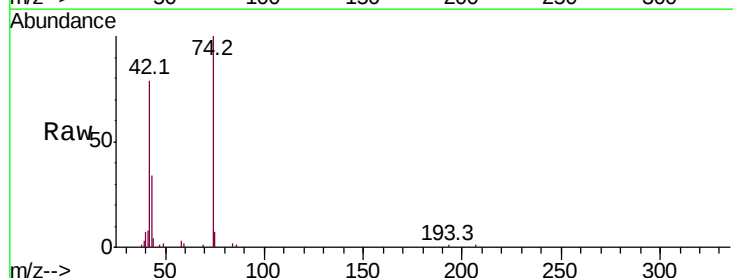
Tgt Ion: 42 Resp: 31954

Ion Ratio Lower Upper

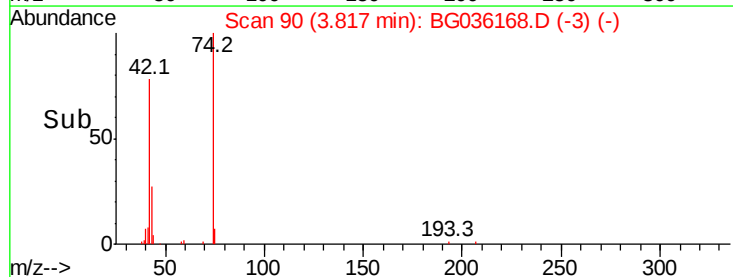
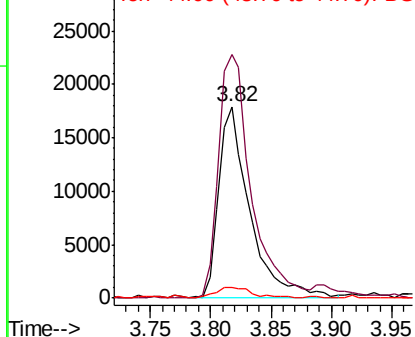
42 100

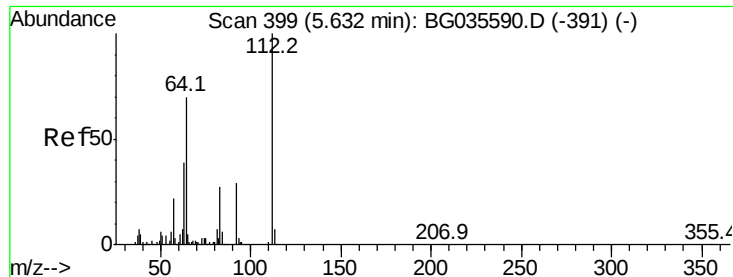
74 127.0 102.5 153.7

44 5.7 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 138.162 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

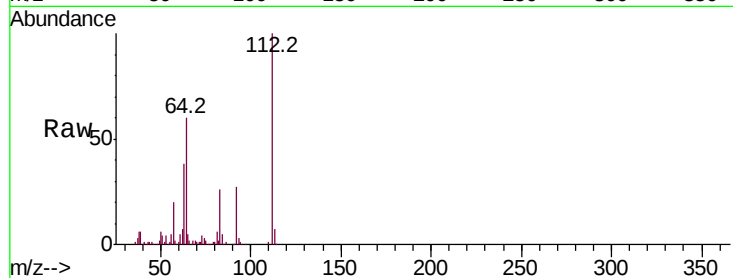
Tot Ion:112 Resp: 200598

Ion Ratio Lower Upper

112 100

64 60.5 56.3 84.5

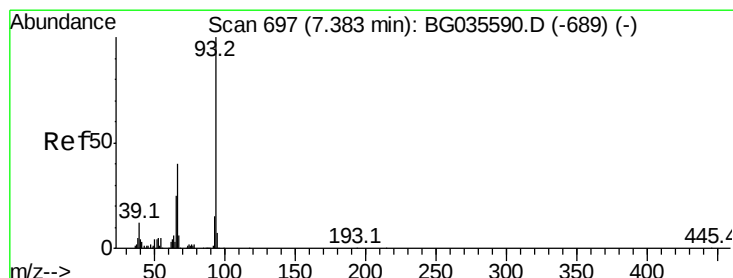
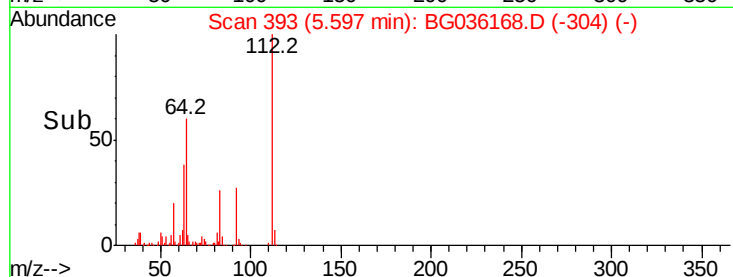
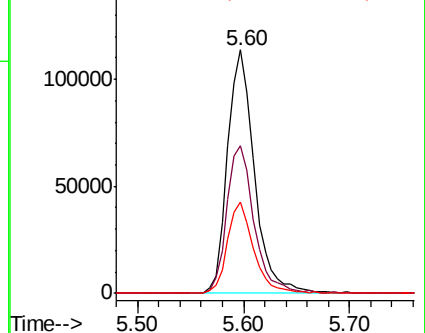
63 37.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.829 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

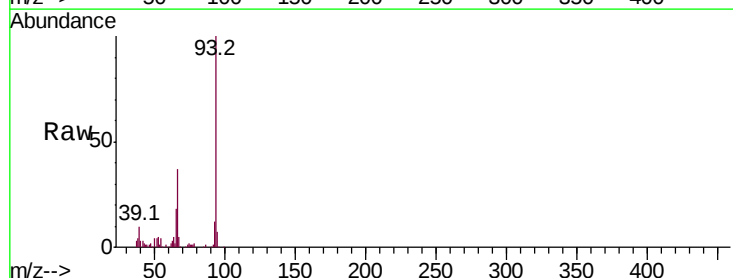
Tgt Ion: 93 Resp: 86560

Ion Ratio Lower Upper

93 100

66 37.0 33.7 50.5

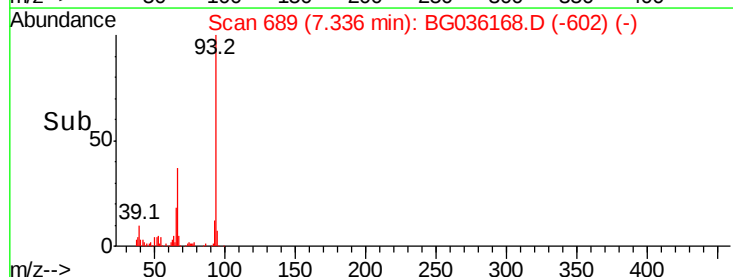
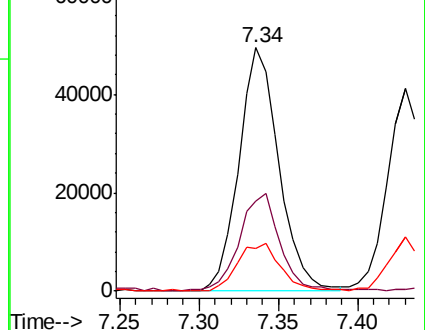
65 17.8 16.1 24.1

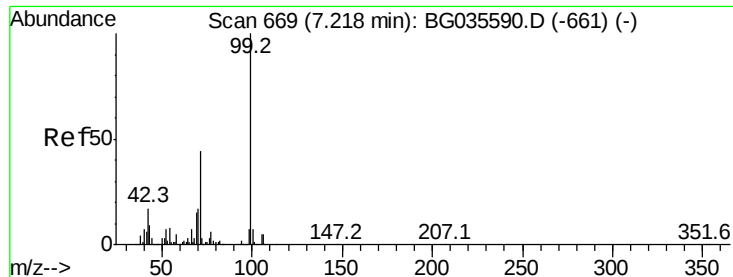


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.583 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

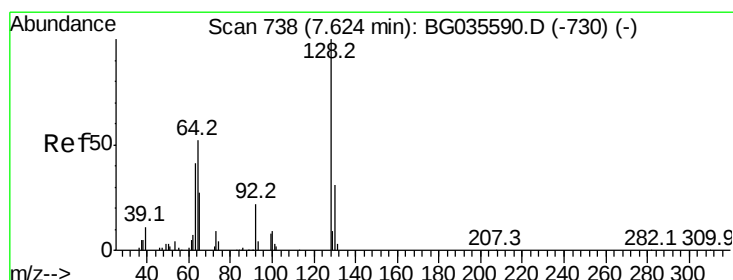
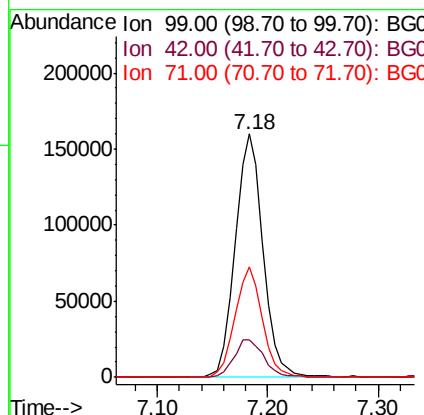
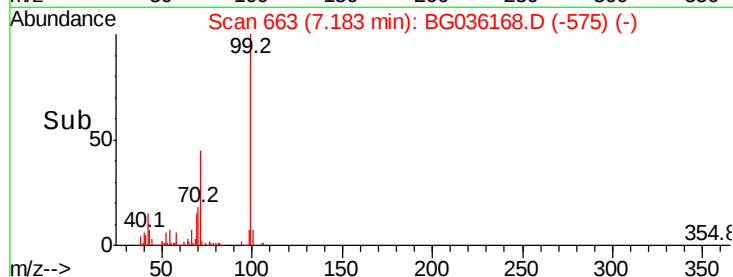
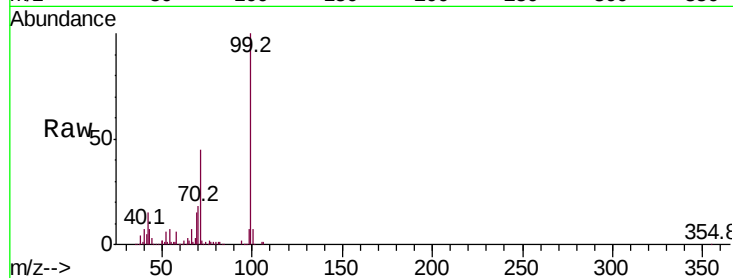
Tot Ion: 99 Resp: 282872

Ion Ratio Lower Upper

99 100

42 15.5 14.1 21.1

71 45.3 26.1 39.1#



#8

2-Chlorophenol

Concen: 45.291 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

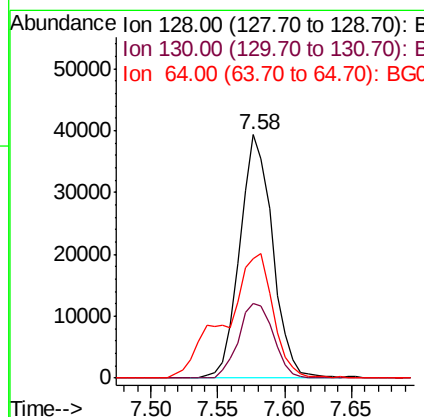
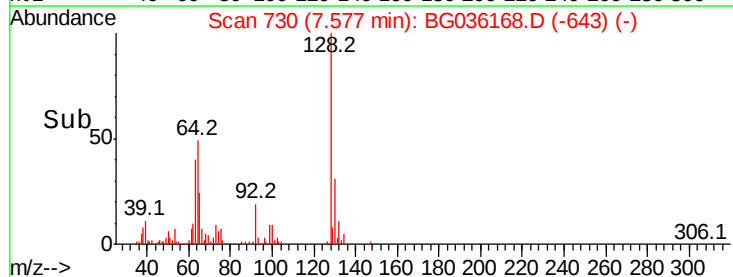
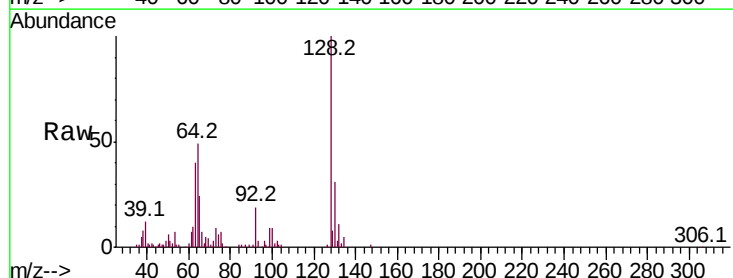
Tgt Ion:128 Resp: 66879

Ion Ratio Lower Upper

128 100

130 30.7 14.0 54.0

64 49.1 37.7 77.7





#9

Benzaldehyde

Concen: 28.570 ng

RT: 7.15 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampled :

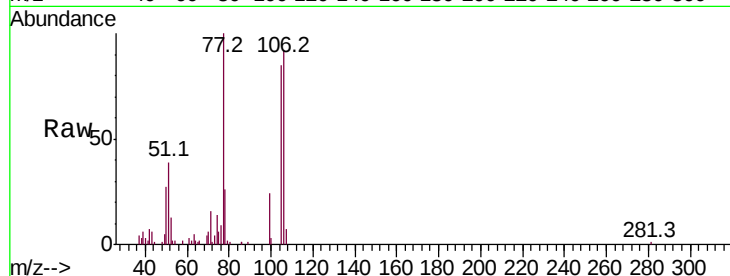
Tot Ion: 77 Resp: 37974

Ion Ratio Lower Upper

77 100

105 84.9 71.3 111.3

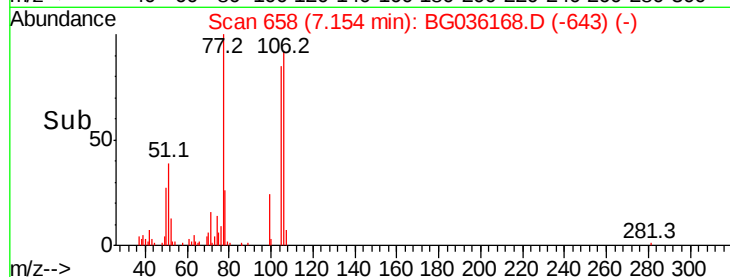
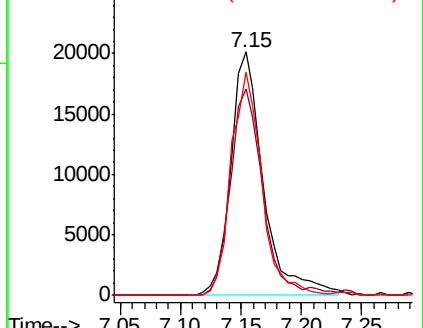
106 91.7 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.141 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

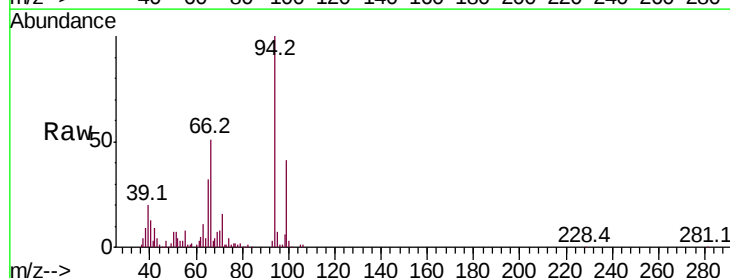
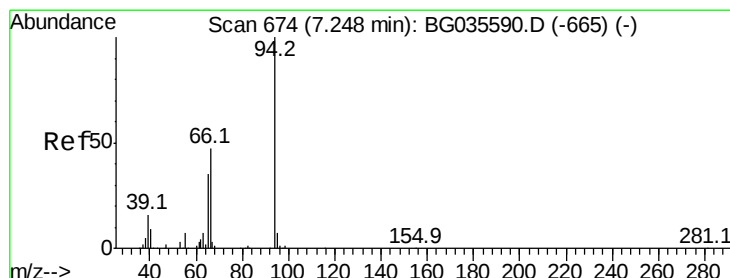
Tgt Ion: 94 Resp: 94415

Ion Ratio Lower Upper

94 100

65 32.1 11.9 51.9

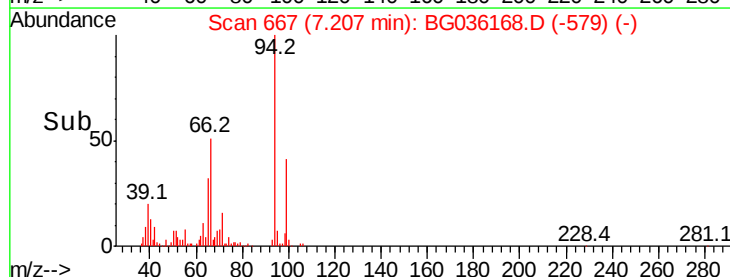
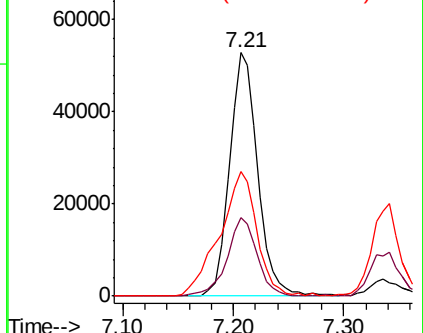
66 51.4 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 38.382 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

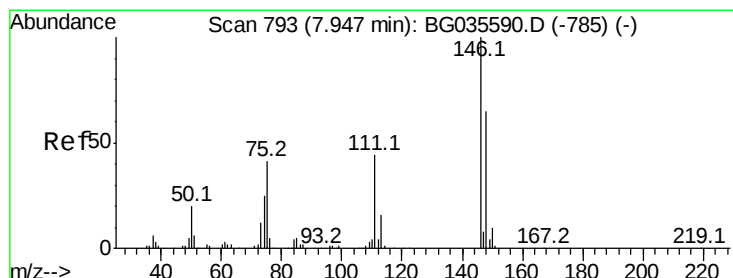
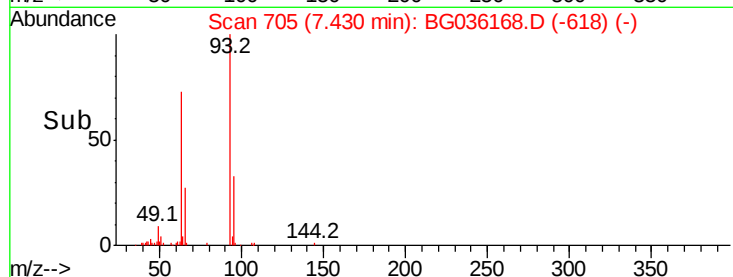
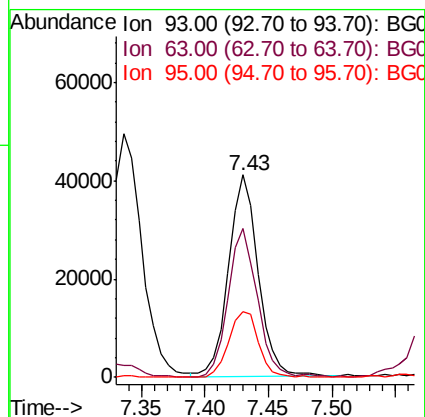
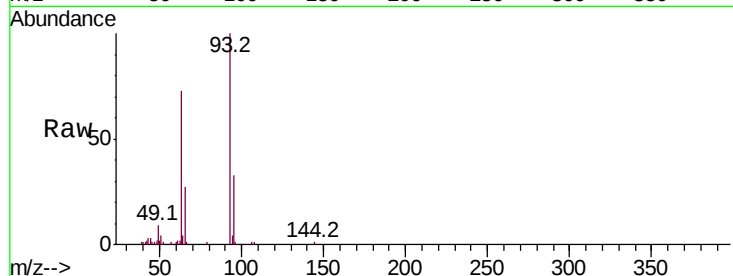
Tot Ion: 93 Resp: 65784

Ion Ratio Lower Upper

93 100

63 73.4 67.1 107.1

95 32.6 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 43.613 ng

RT: 7.89 min Scan# 784

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

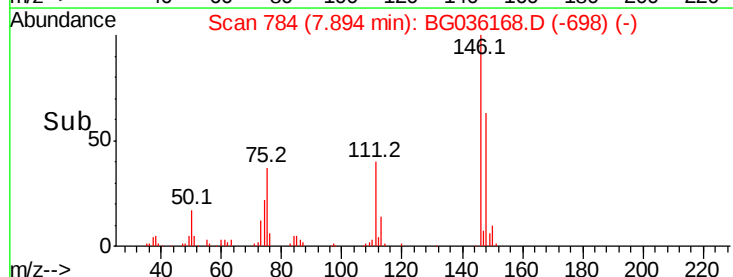
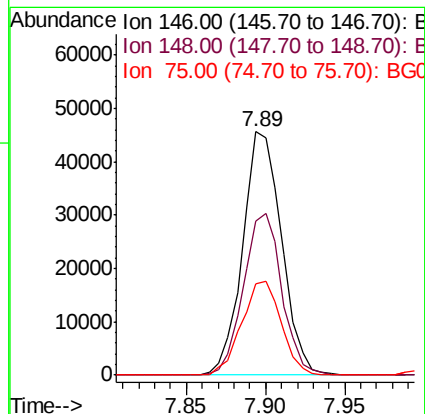
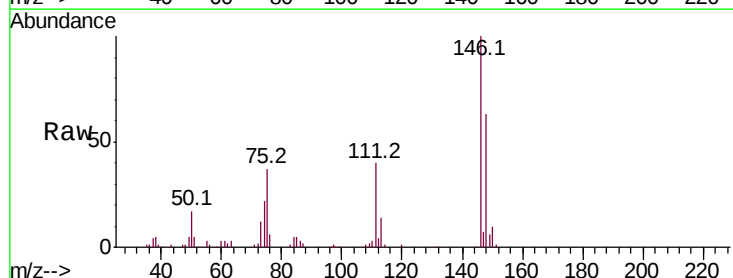
Tgt Ion: 146 Resp: 77771

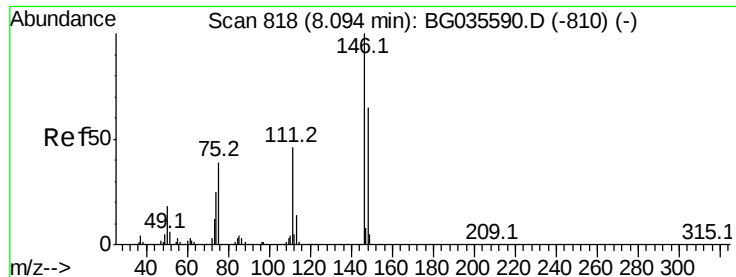
Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.2

75 37.3 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 44.059 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

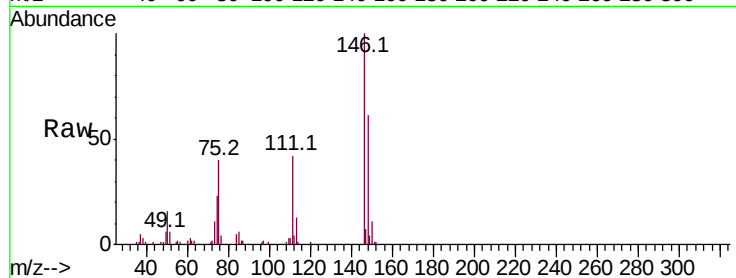
Tot Ion:146 Resp: 79828

Ion Ratio Lower Upper

146 100

148 61.3 53.7 80.5

111 41.7 35.2 52.8

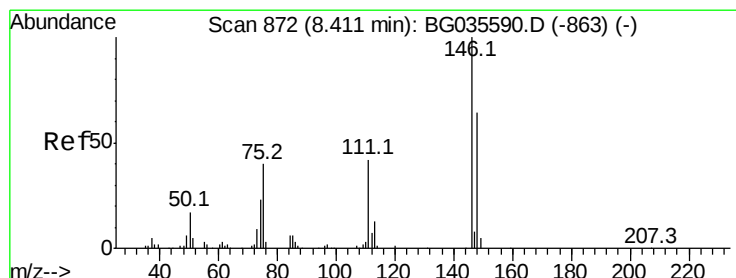
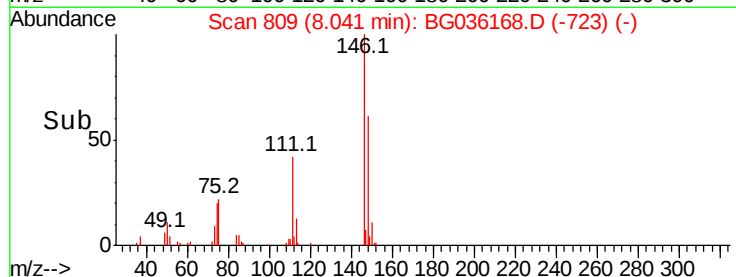
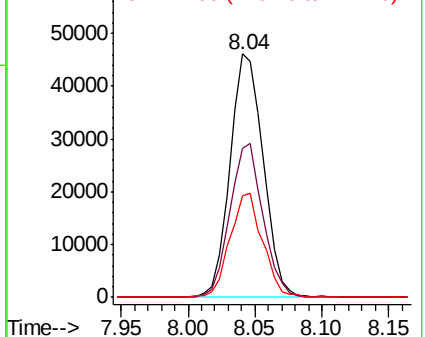


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.068 ng

RT: 8.36 min Scan# 864

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

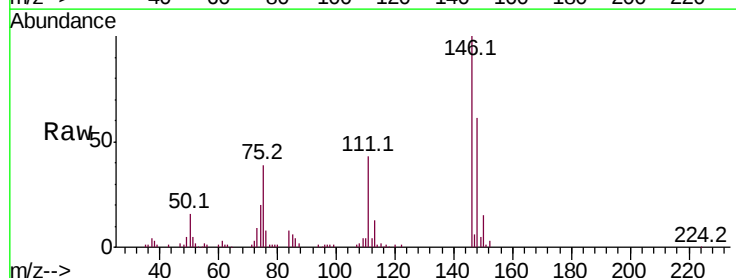
Tgt Ion:146 Resp: 74963

Ion Ratio Lower Upper

146 100

148 60.7 49.3 73.9

111 43.4 34.3 51.5

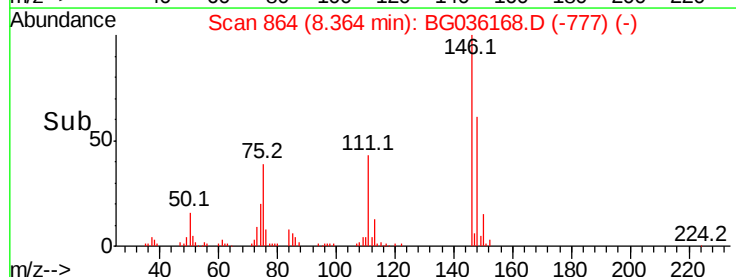
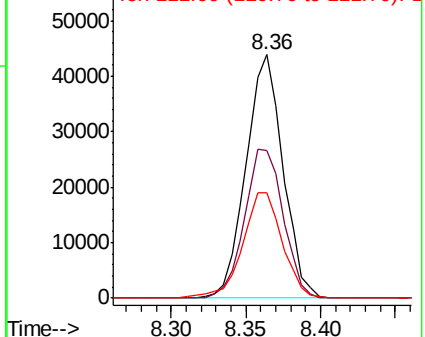


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.234 ng

RT: 8.25 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampled :

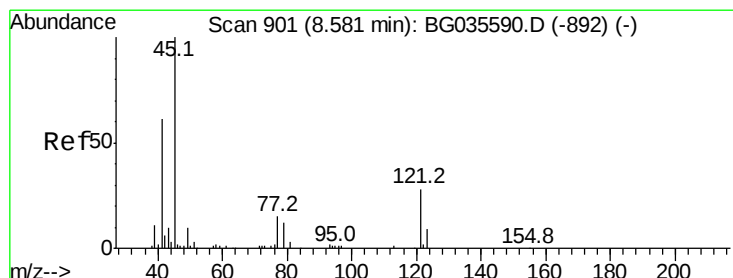
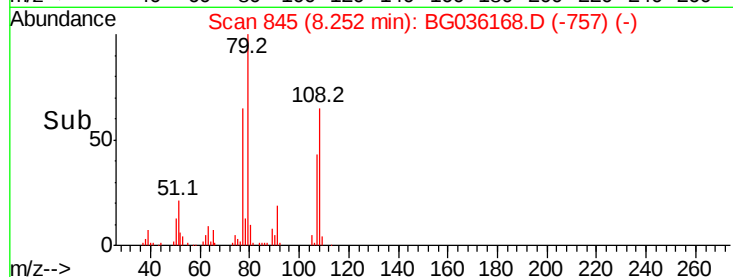
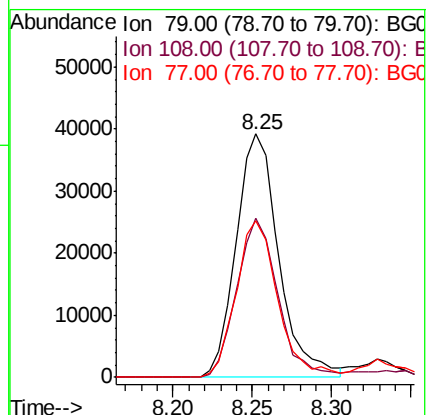
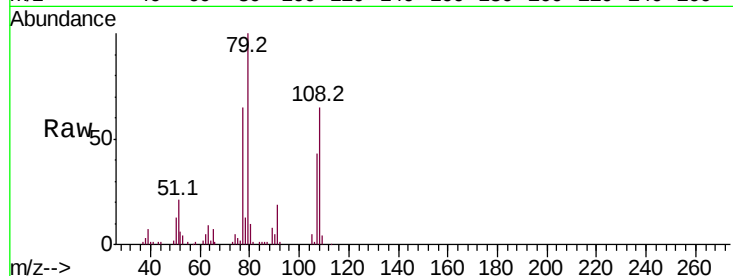
Tot Ion: 79 Resp: 73244

Ion Ratio Lower Upper

79 100

108 65.2 57.2 85.8

77 64.6 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.907 ng

RT: 8.53 min Scan# 893

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

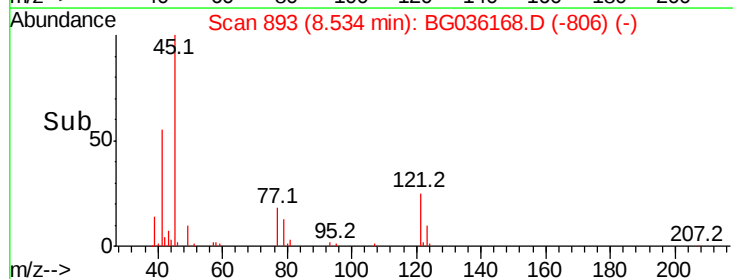
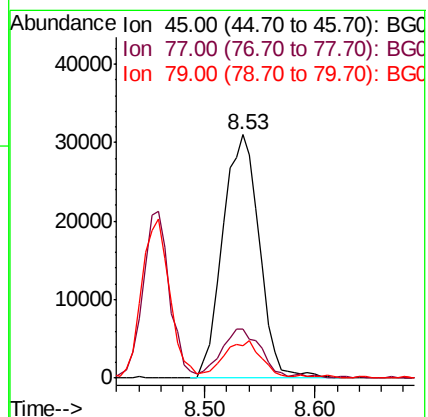
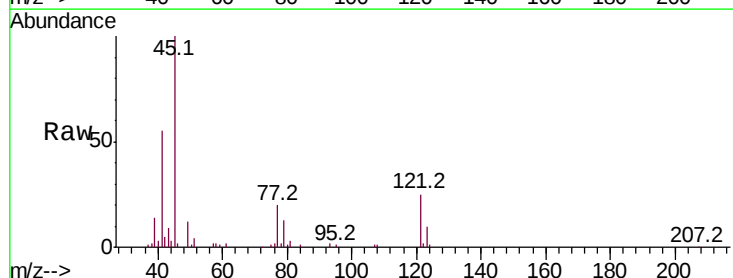
Tgt Ion: 45 Resp: 71713

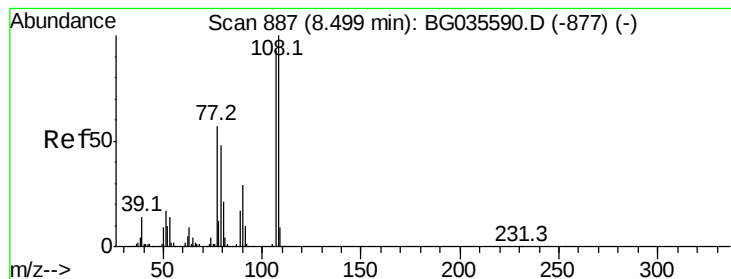
Ion Ratio Lower Upper

45 100

77 20.1 0.0 30.2

79 13.3 0.0 27.9

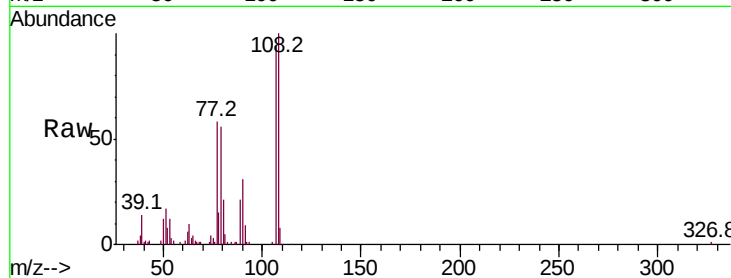




#17
2-Methylphenol
Concen: 41.533 ng
RT: 8.46 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.4	83.9	125.9
77	62.0	37.2	55.8#
79	59.2	36.2	54.2#



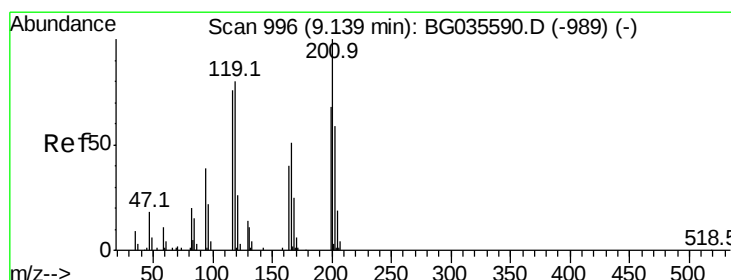
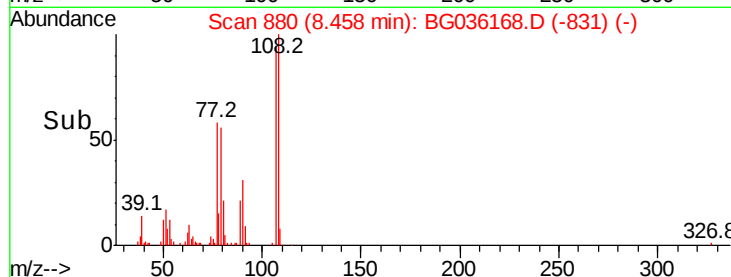
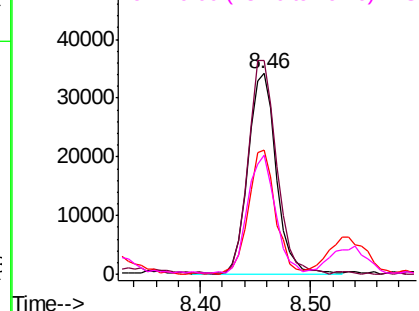
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

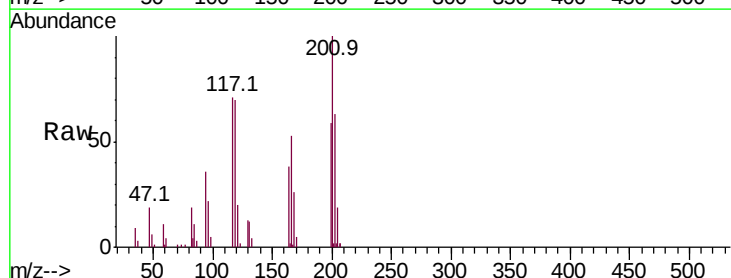
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.956 ng
RT: 9.09 min Scan# 987
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.7	115.1
201	140.9	95.7	143.5

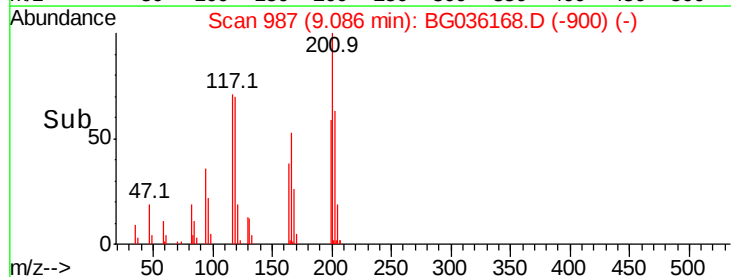
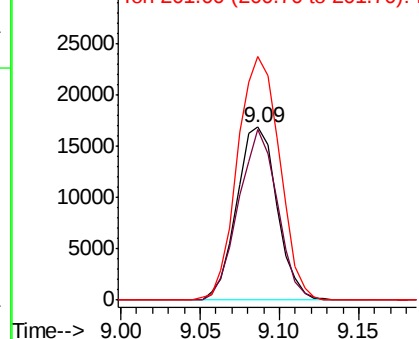


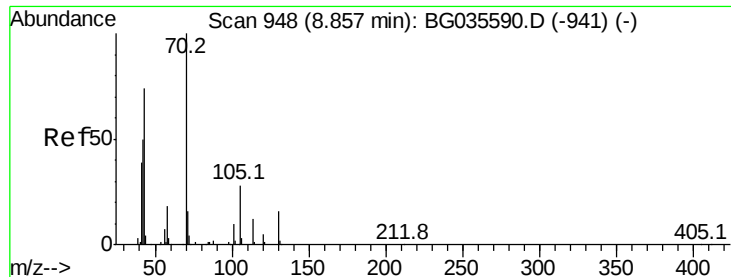
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

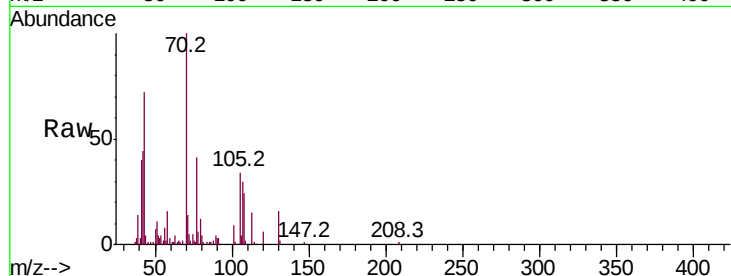




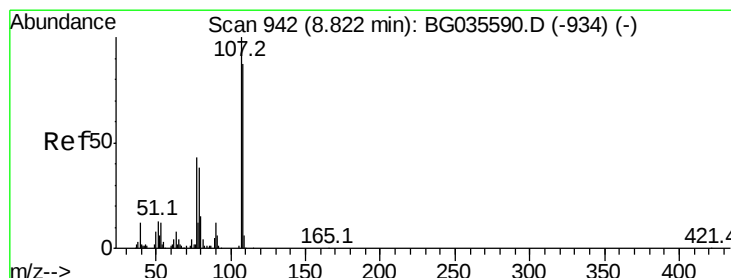
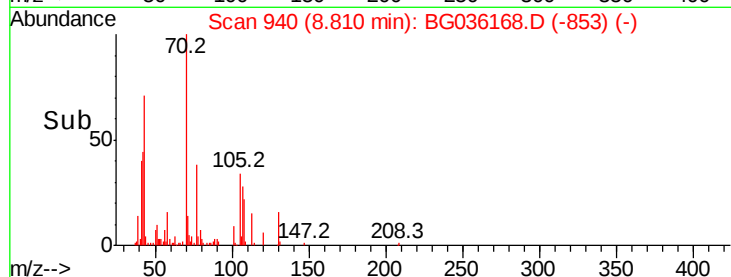
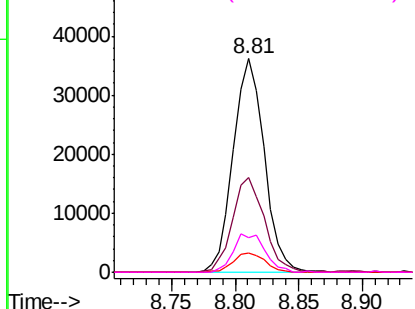
#19
n-Nitroso-di-n-propylamine
Concen: 33.660 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	61401
Ion	Ratio	Lower	Upper
70	100		
42	44.1	49.1	73.7#
101	8.8	8.5	12.7
130	16.0	13.4	20.0

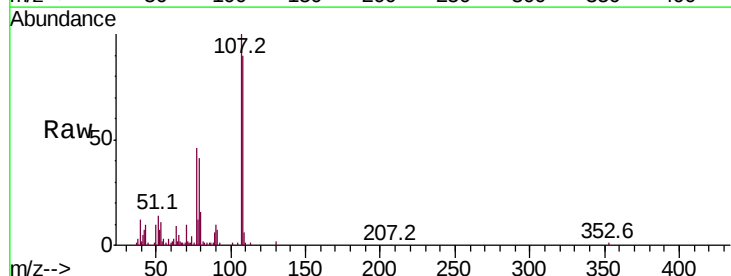


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

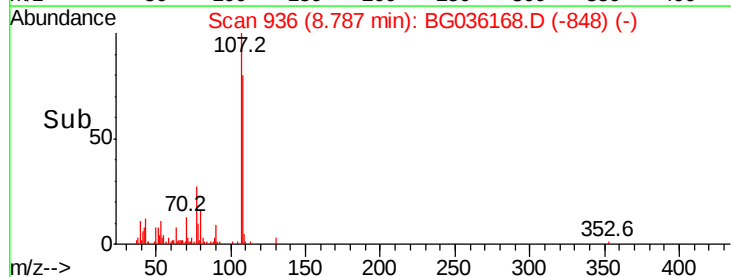
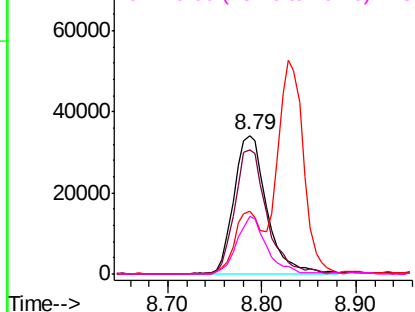


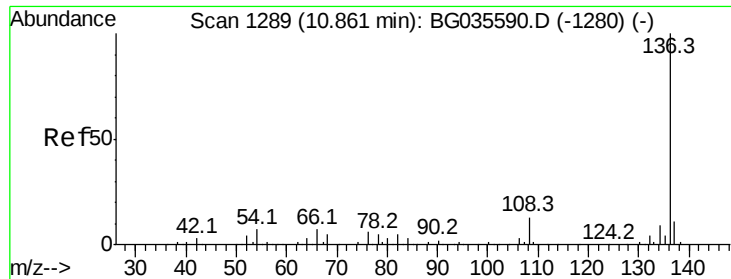
#20
3+4-Methylphenols
Concen: 40.142 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion:	107	Resp:	82862
Ion	Ratio	Lower	Upper
107	100		
108	89.7	61.6	101.6
77	45.5	13.9	53.9
79	41.4	8.8	48.8



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

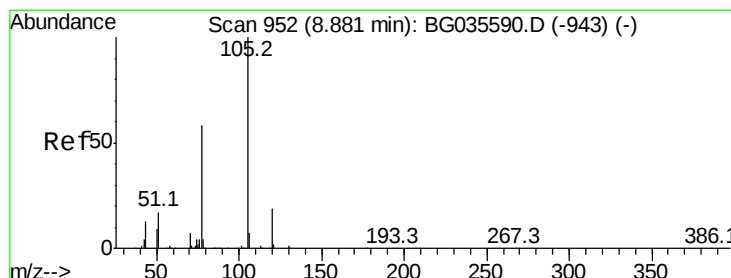
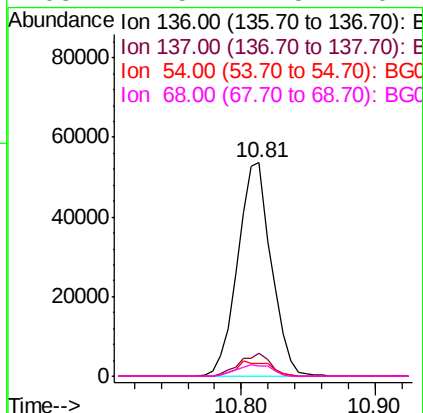
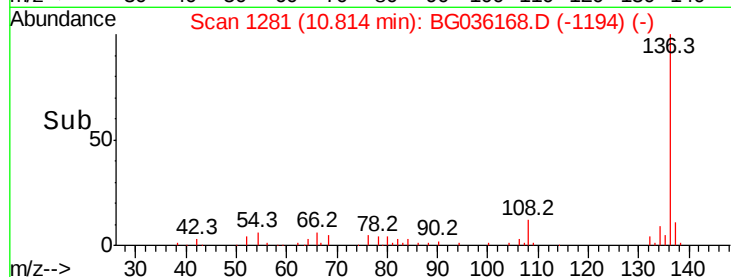
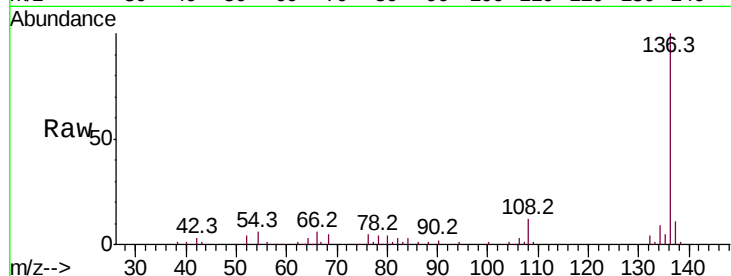




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

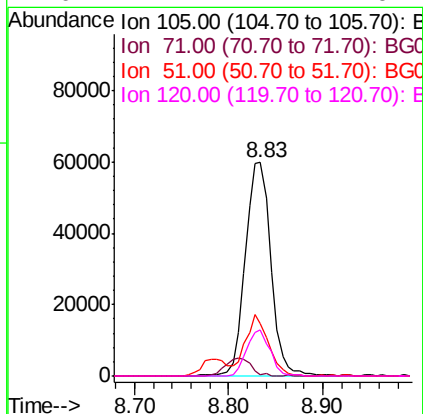
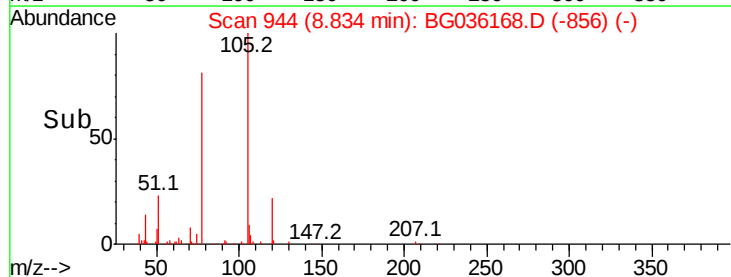
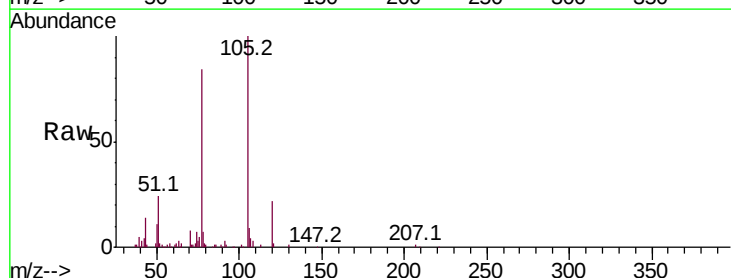
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	93003
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.2 13.8
54	5.8	10.3 15.5#
68	4.5	4.5 6.7



#22
Acetophenone
Concen: 39.034 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion:105	Resp:	112892
Ion Ratio	Lower	Upper
105	100	
71	0.8	3.0 4.4#
51	24.5	26.1 39.1#
120	21.7	17.4 26.2

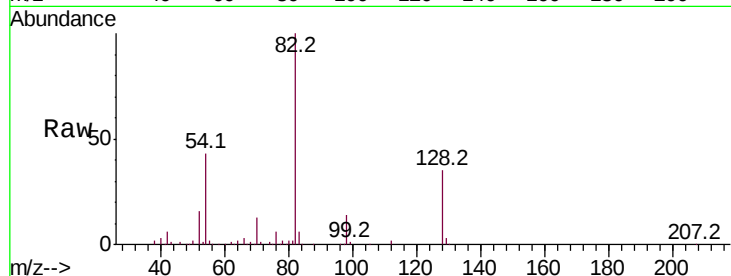




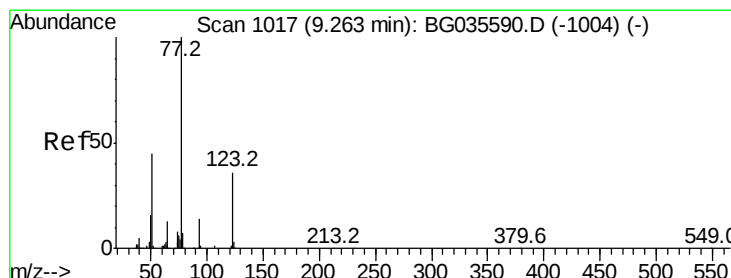
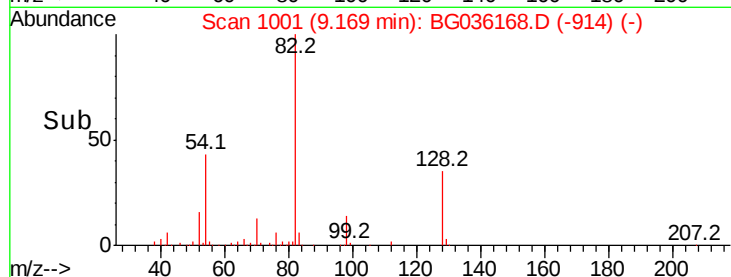
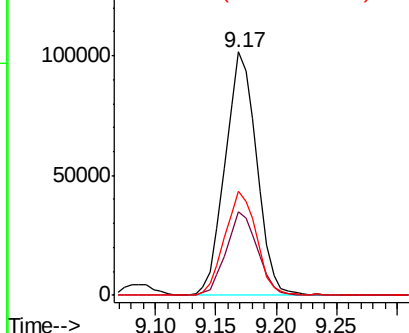
#23
 Nitrobenzene-d5
 Concen: 83.020 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 184827
 Ion Ratio Lower Upper
 82 100
 128 34.5 29.7 44.5
 54 42.8 43.1 64.7#

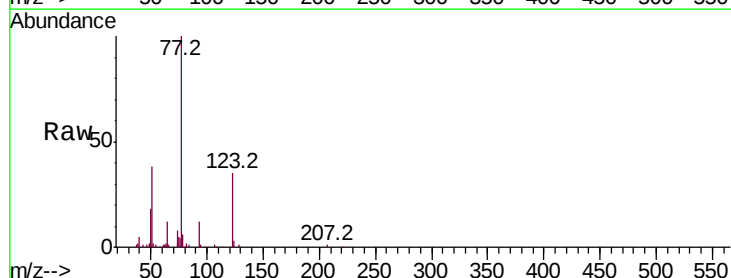


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

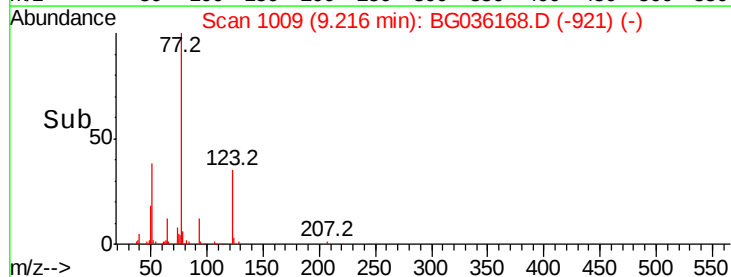
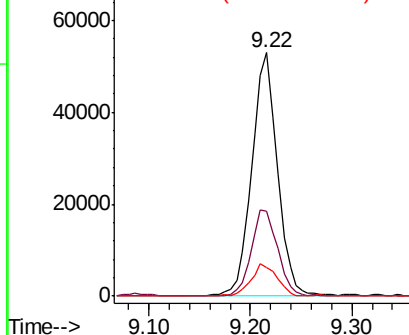


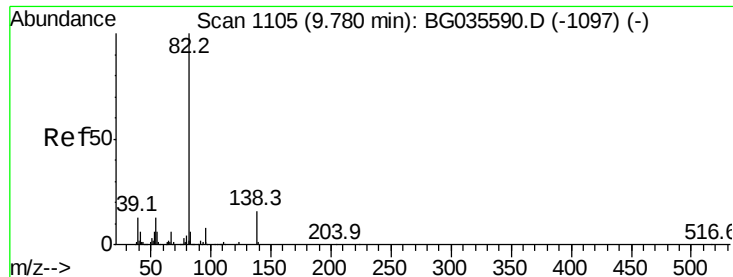
#24
 Nitrobenzene
 Concen: 41.555 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion: 77 Resp: 93040
 Ion Ratio Lower Upper
 77 100
 123 34.9 33.0 49.6
 65 11.9 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.530 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

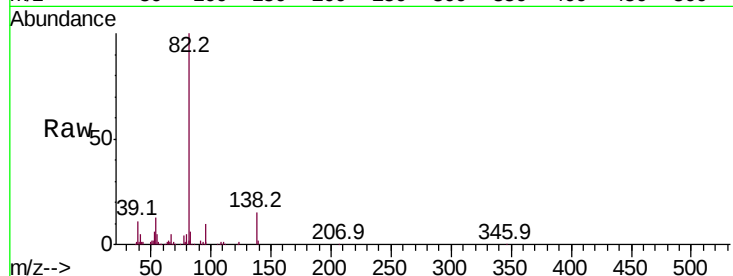
Tot Ion: 82 Resp: 167502

Ion Ratio Lower Upper

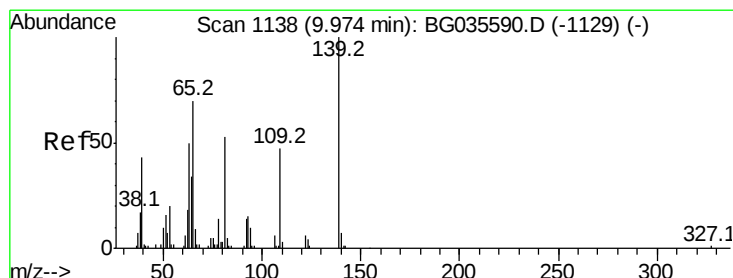
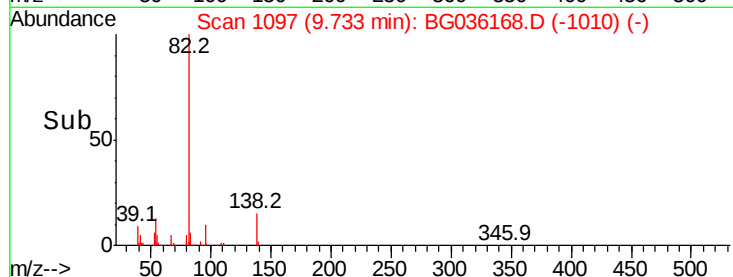
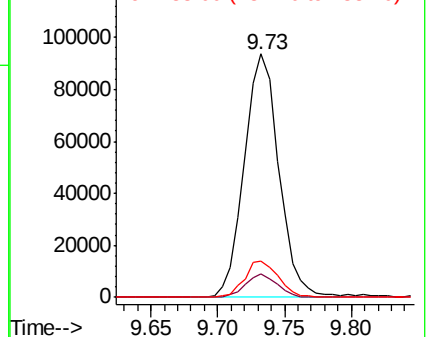
82 100

95 9.7 6.2 9.2#

138 14.8 12.1 18.1



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



#26

2-Nitrophenol

Concen: 47.325 ng

RT: 9.92 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

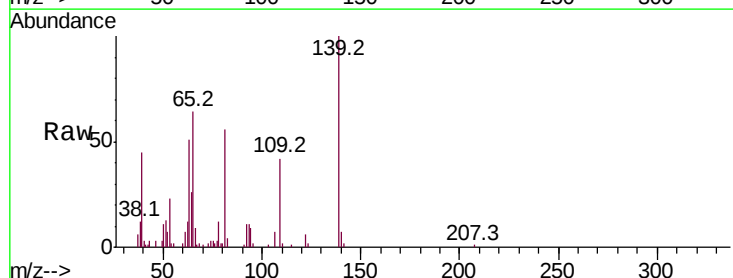
Tgt Ion: 139 Resp: 37632

Ion Ratio Lower Upper

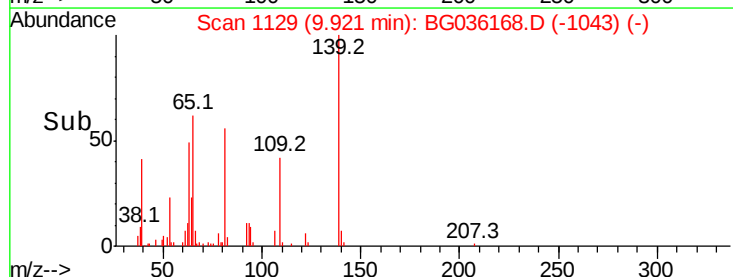
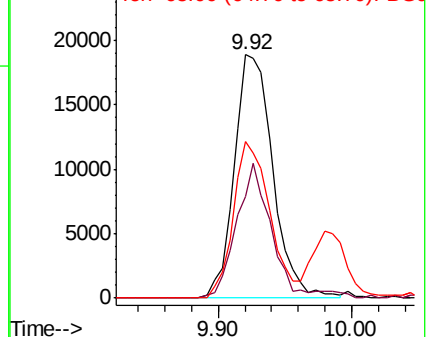
139 100

109 41.9 24.2 36.2#

65 64.5 47.4 71.0



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

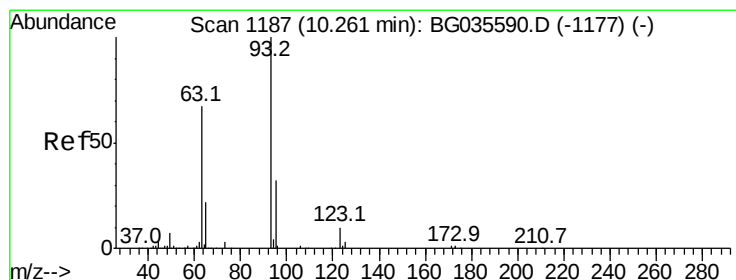
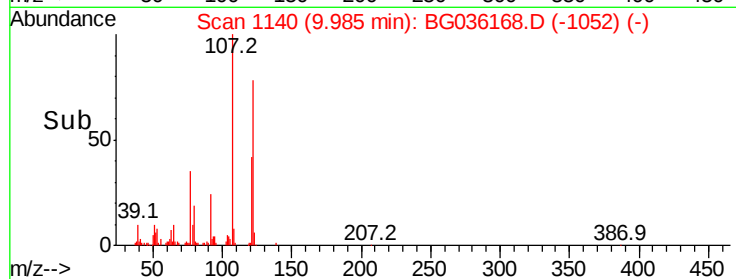
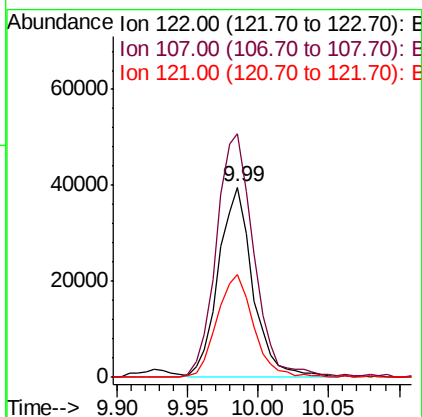
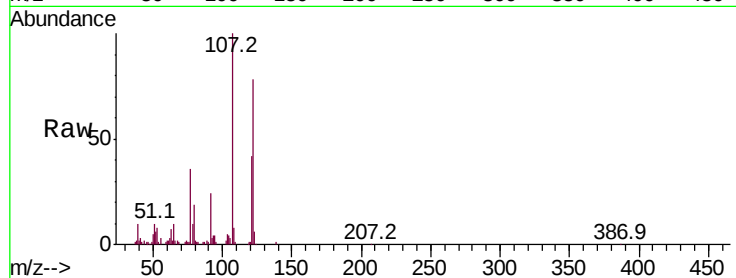




#27
2,4-Dimethylphenol
Concen: 50.118 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

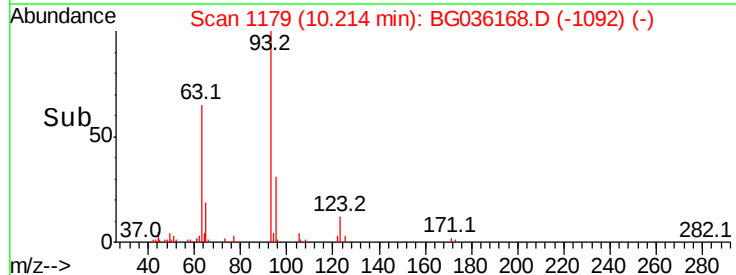
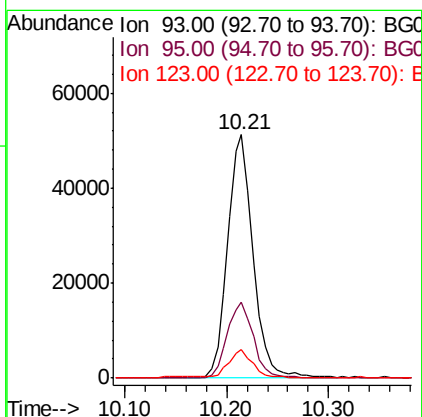
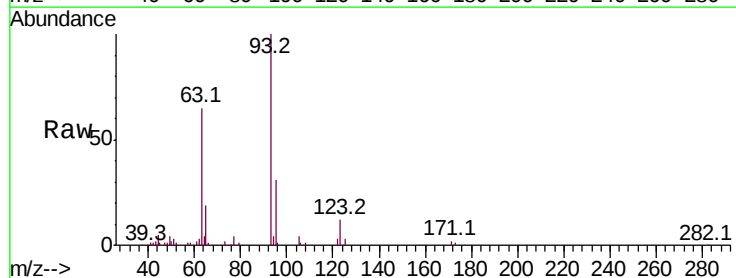
Instrument :
BNA_G
ClientSampleId :

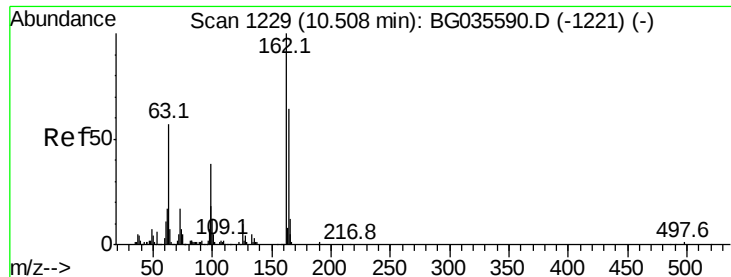
Tot Ion:122 Resp: 67459
Ion Ratio Lower Upper
122 100
107 128.1 100.2 150.2
121 54.4 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.093 ng
RT: 10.21 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion: 93 Resp: 89024
Ion Ratio Lower Upper
93 100
95 31.1 24.3 36.5
123 12.0 8.4 12.6

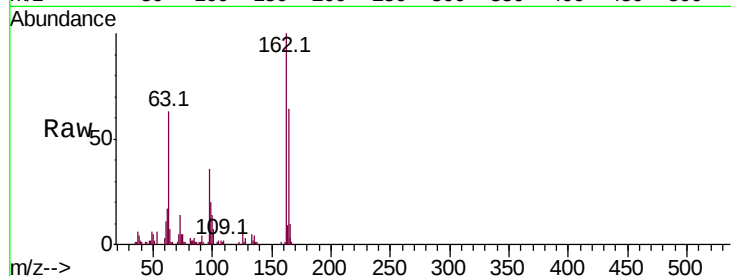




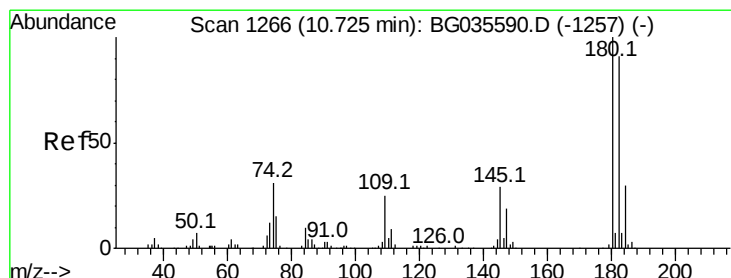
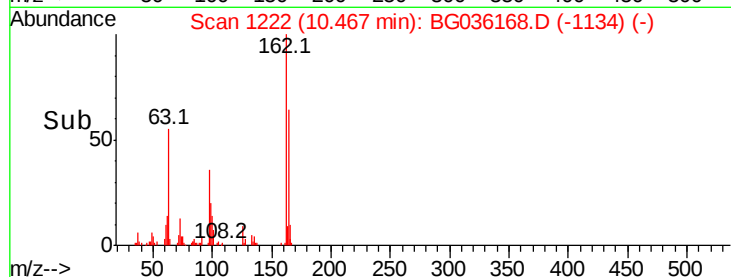
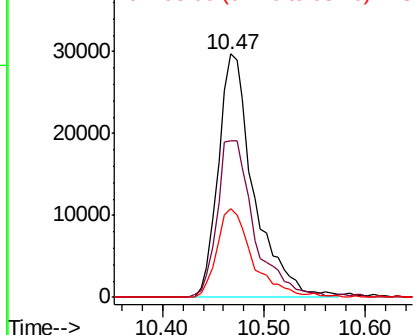
#29
2,4-Dichlorophenol
Concen: 47.024 ng
RT: 10.47 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 72251
Ion Ratio Lower Upper
162 100
164 64.4 48.0 88.0
98 36.3 21.1 61.1

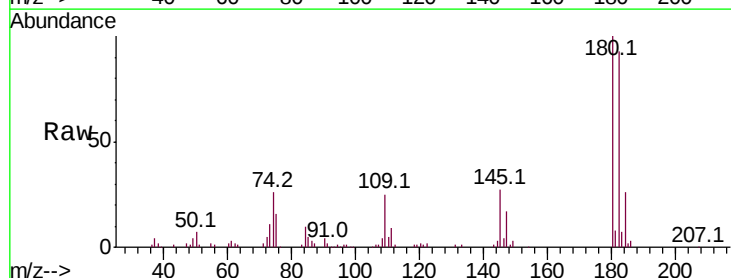


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

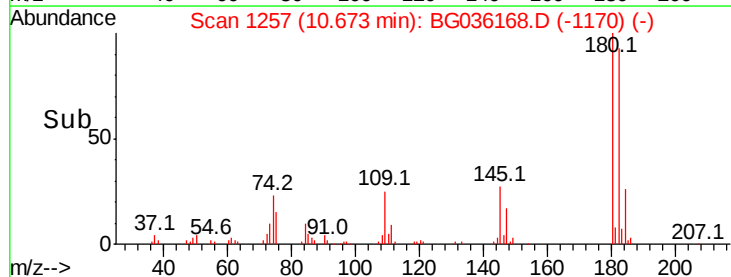
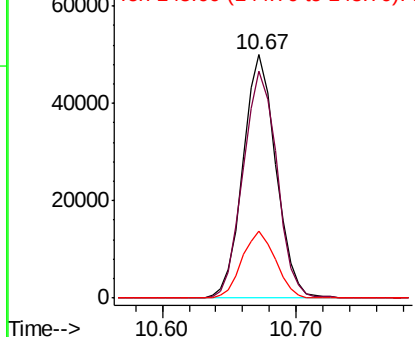


#30
1,2,4-Trichlorobenzene
Concen: 45.326 ng
RT: 10.67 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion:180 Resp: 85397
Ion Ratio Lower Upper
180 100
182 93.3 77.5 116.3
145 27.3 23.4 35.2



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

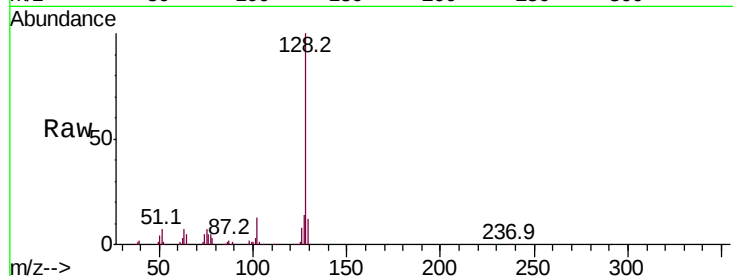




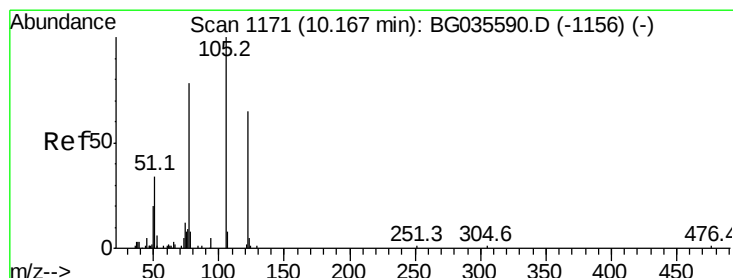
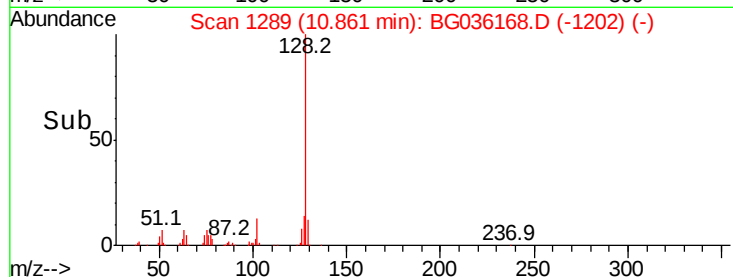
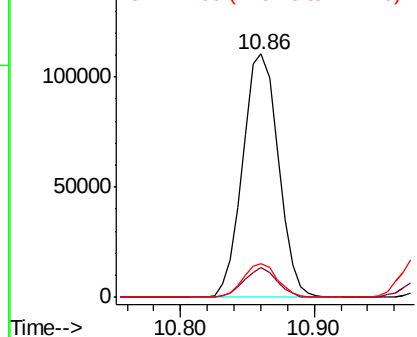
#31
Naphthalene
Concen: 42.146 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.6	12.8
127	13.8	11.6	17.4

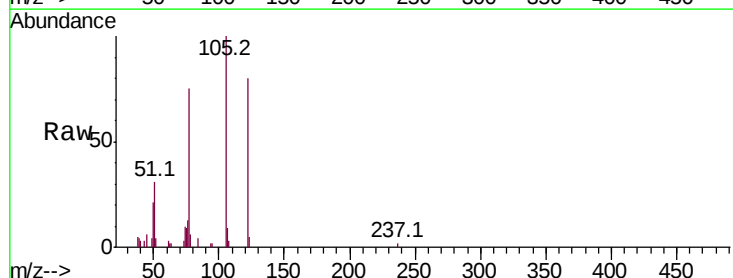


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

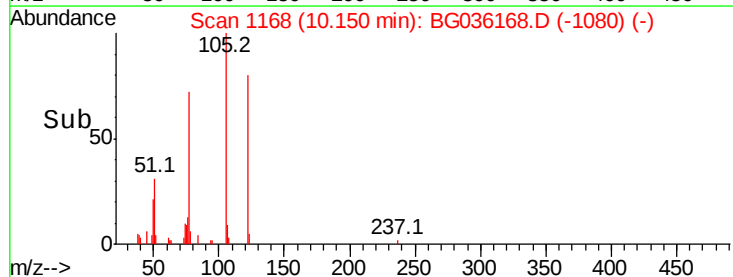
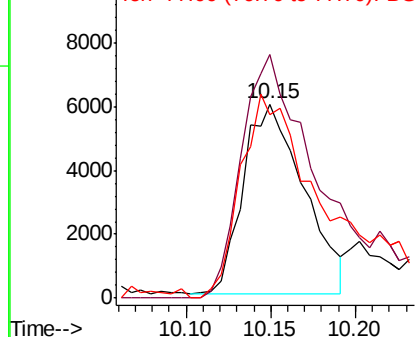


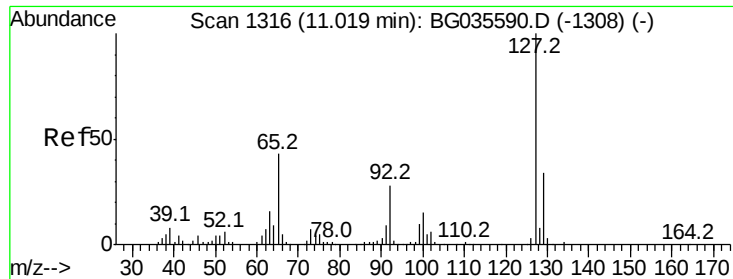
#32
Benzoic acid
Concen: 16.265 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	123.5	163.5
77	94.4	85.7	125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

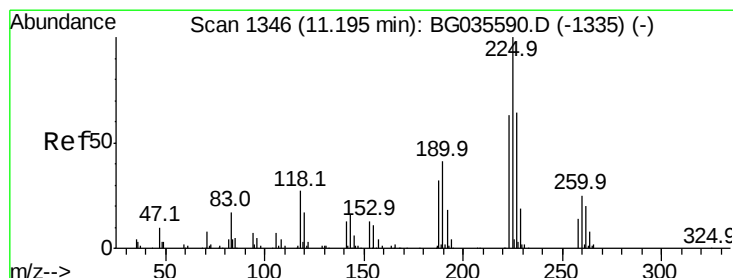
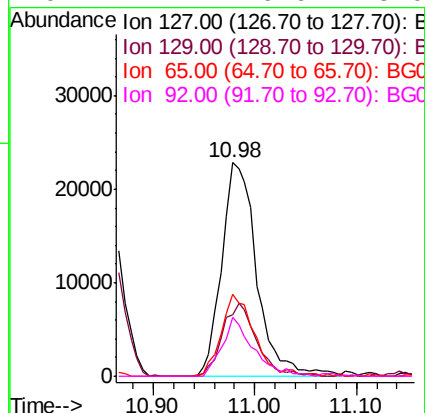
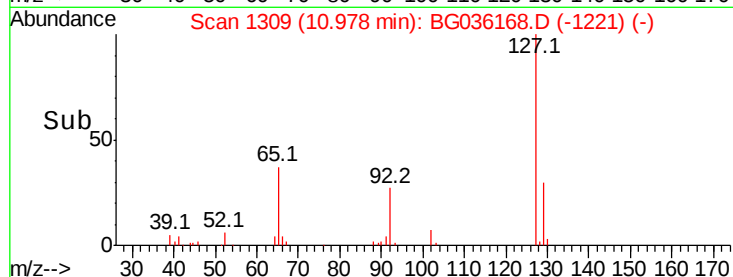
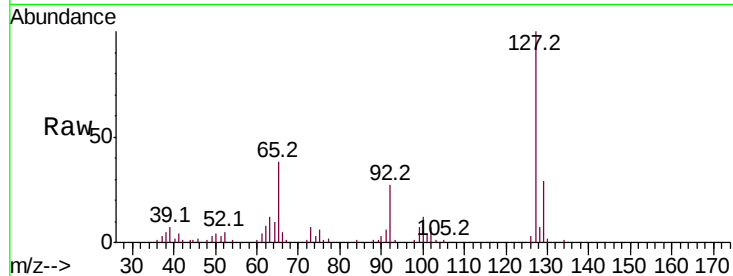




#33
4-Chloroaniline
Concen: 25.871 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

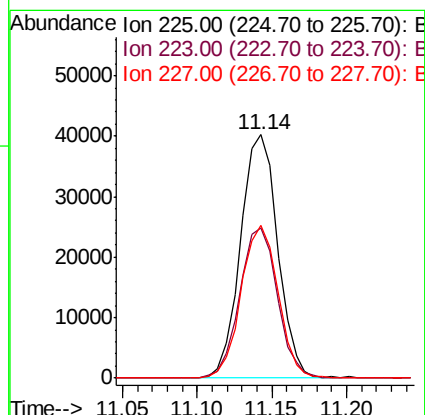
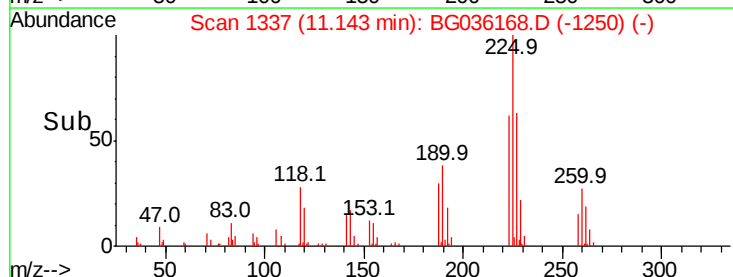
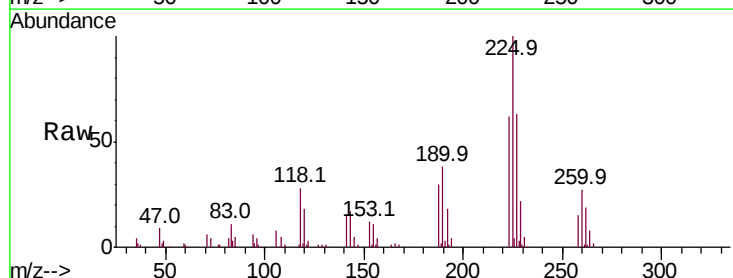
Instrument :
BNA_G
ClientSampleId :

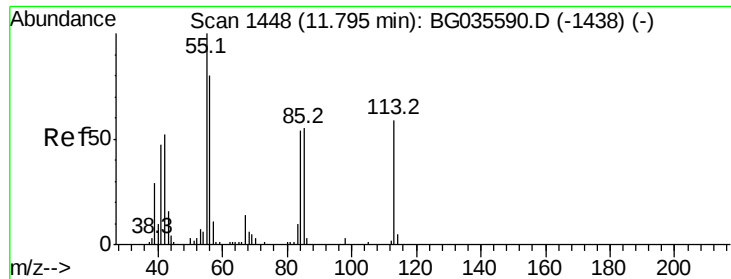
Tot Ion:	127	Resp:	54627
Ion	Ratio	Lower	Upper
127	100		
129	28.9	24.0	36.0
65	38.3	27.0	40.4
92	27.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 47.110 ng
RT: 11.14 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion:	225	Resp:	69213
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	62.7	48.1	72.1





#35

Caprolactam

Concen: 26.510 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

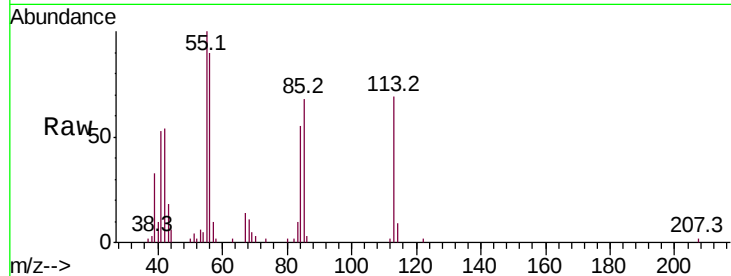
Tot Ion:113 Resp: 17480

Ion Ratio Lower Upper

113 100

55 144.0 186.9 226.9#

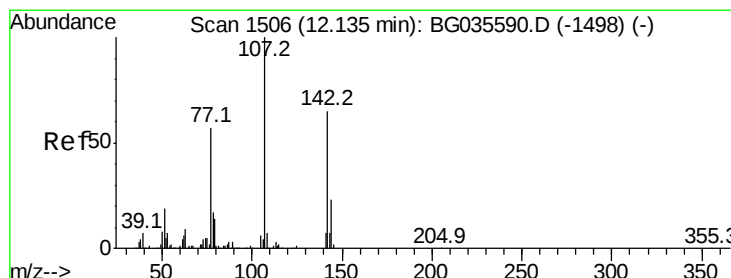
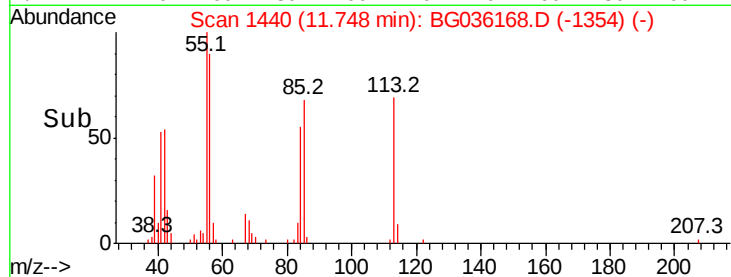
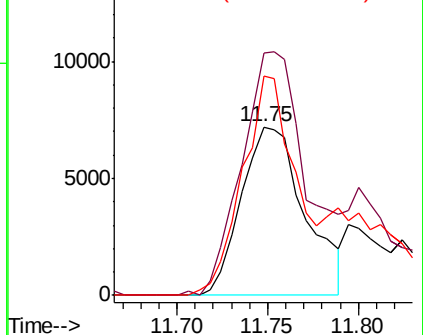
56 130.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG035590.D (-1438) (-)

Ion 56.00 (55.70 to 56.70): BG035590.D (-1438) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.527 ng

RT: 12.10 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

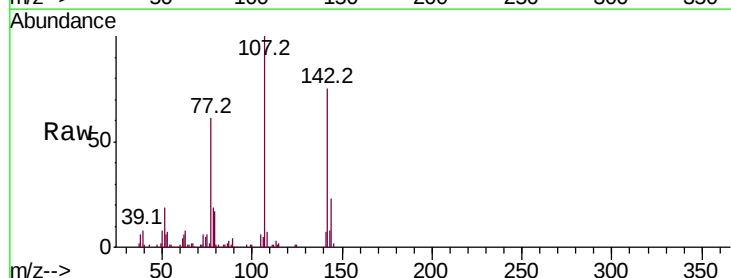
Tgt Ion:107 Resp: 89645

Ion Ratio Lower Upper

107 100

144 22.7 18.2 27.4

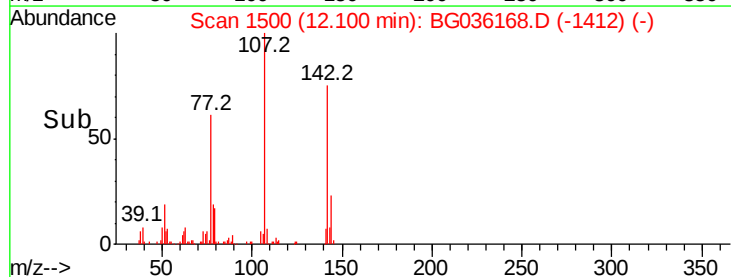
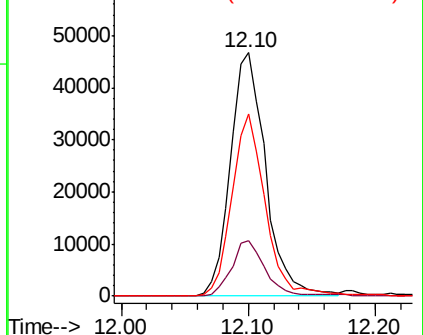
142 75.0 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

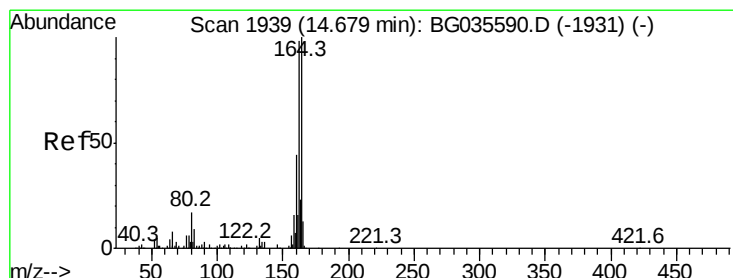
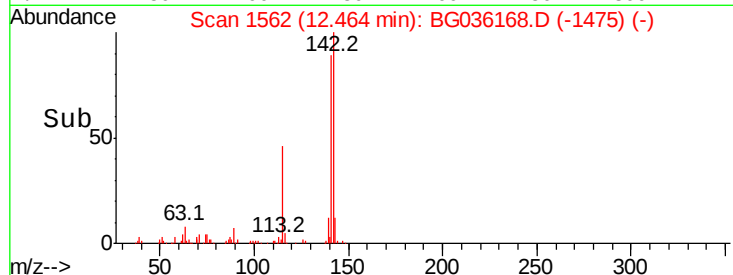
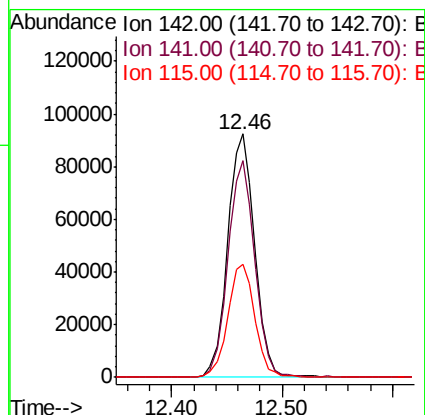
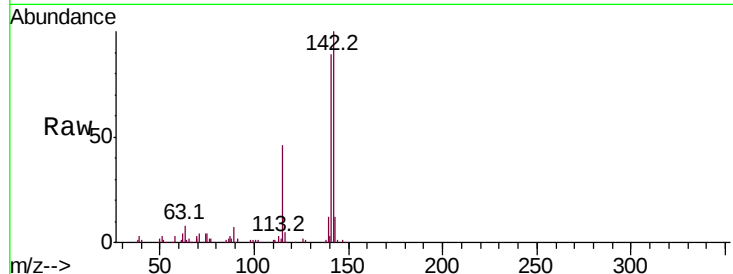




#37
2-Methylnaphthalene
Concen: 43.758 ng
RT: 12.46 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

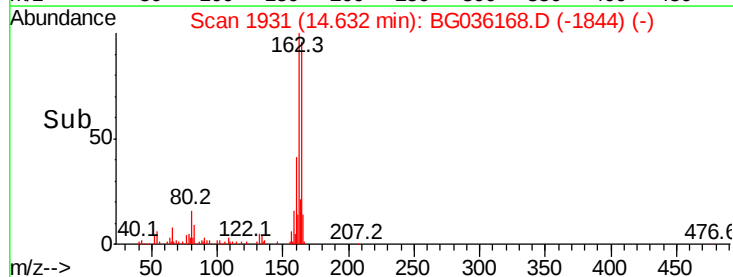
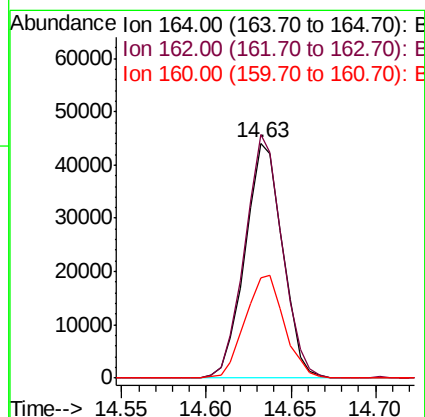
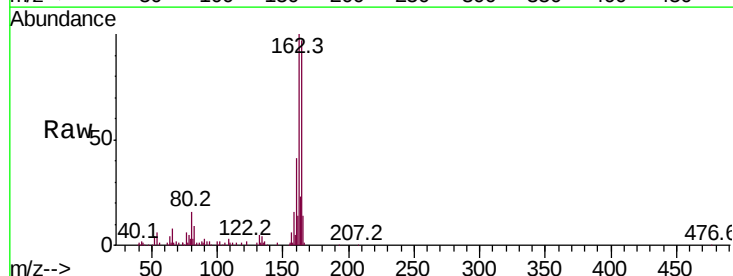
Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 157937
Ion Ratio Lower Upper
142 100
141 89.2 67.1 100.7
115 46.2 30.7 46.1#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion:164 Resp: 68165
Ion Ratio Lower Upper
164 100
162 103.5 78.8 118.2
160 42.4 35.4 53.0

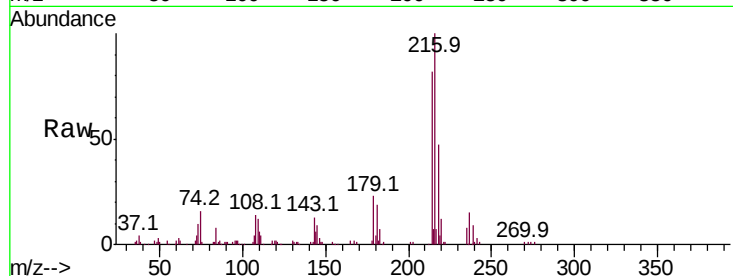




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.265 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	111310
Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.0	94.4
179	20.2	17.0	25.6
108	17.2	12.8	19.2



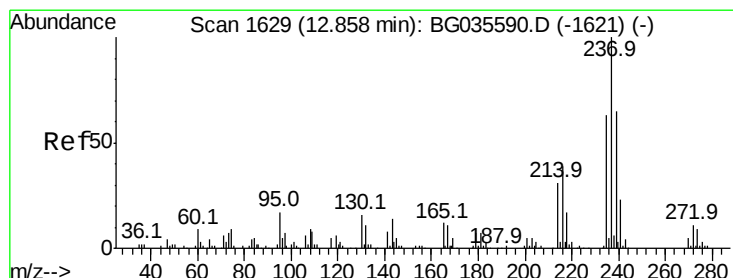
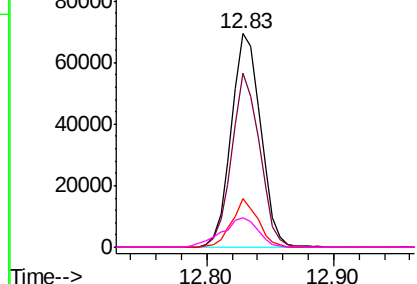
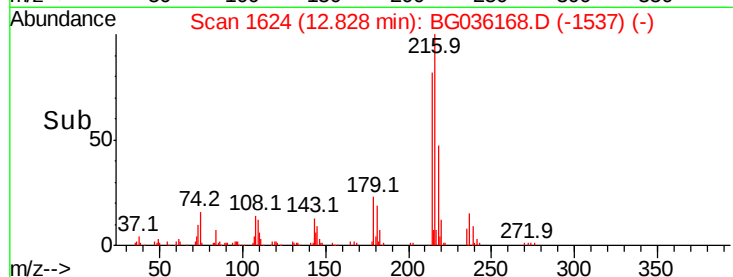
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

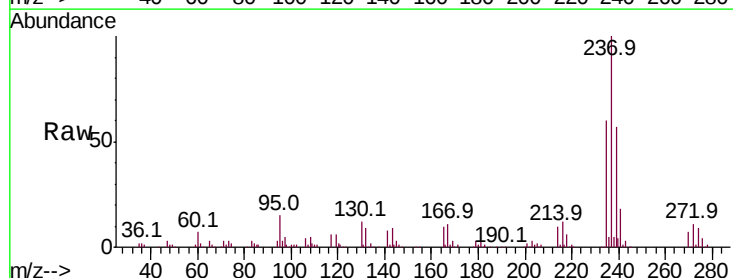
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 104.032 ng
 RT: 12.81 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion:	237	Resp:	140368
Ion	Ratio	Lower	Upper
237	100		
235	60.4	50.4	90.4
272	10.6	0.0	31.8

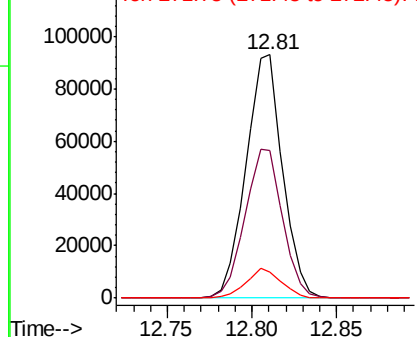
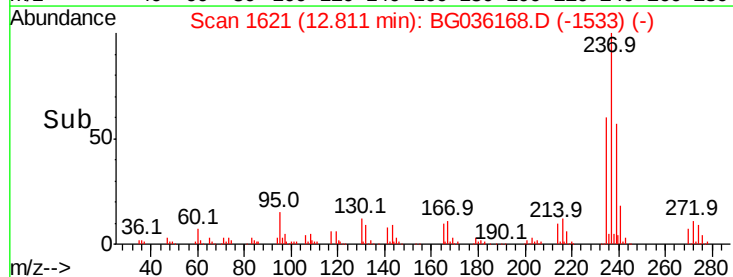


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

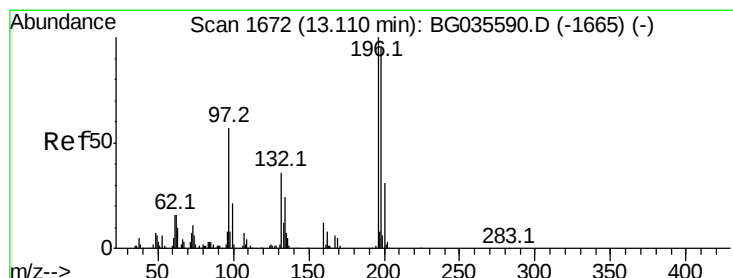
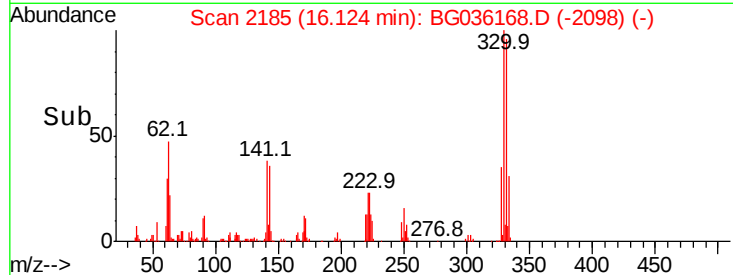
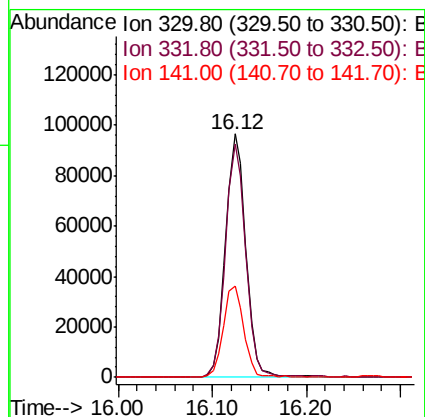
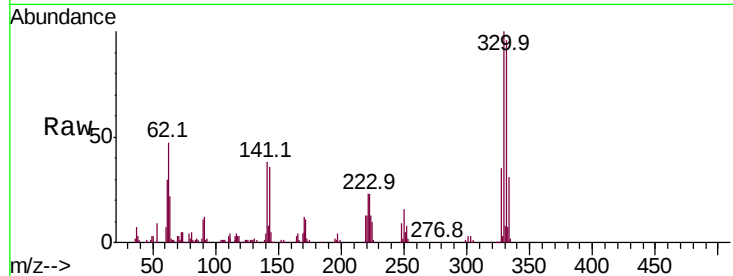




#41
 2,4,6-Tribromophenol
 Concen: 162.347 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

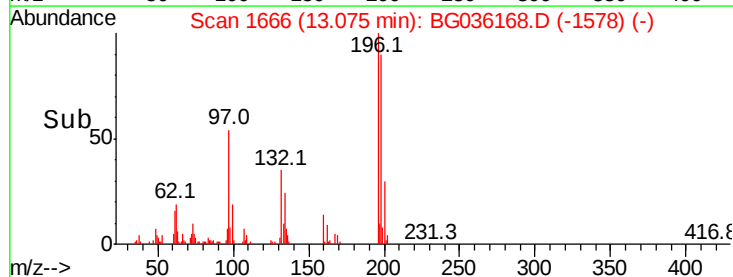
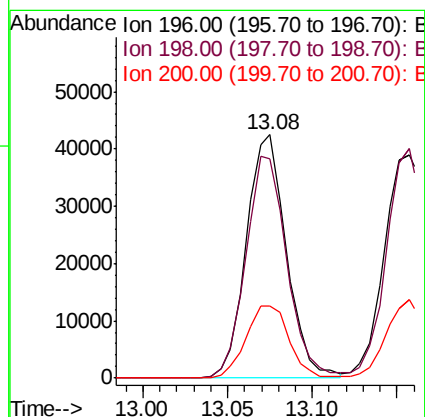
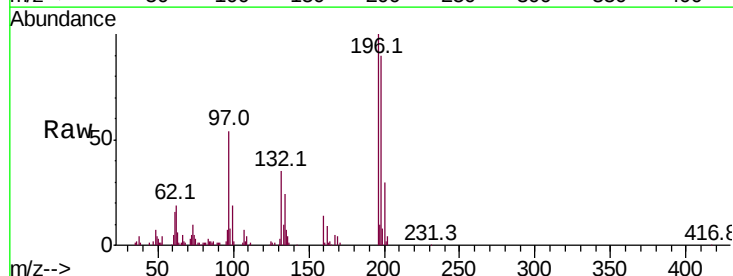
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 145862
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 37.7 25.2 37.8



#42
 2,4,6-Trichlorophenol
 Concen: 46.653 ng
 RT: 13.08 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion:196 Resp: 70193
 Ion Ratio Lower Upper
 196 100
 198 90.0 78.2 117.2
 200 29.5 24.6 36.8

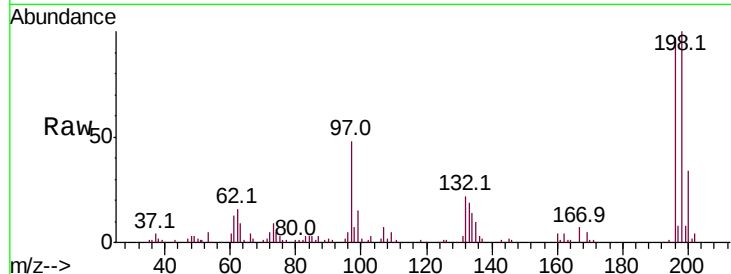




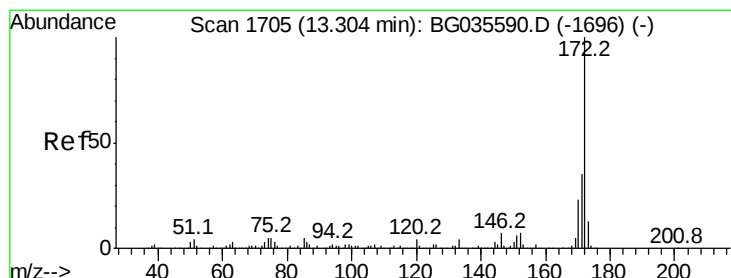
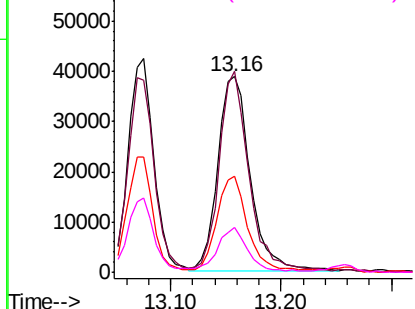
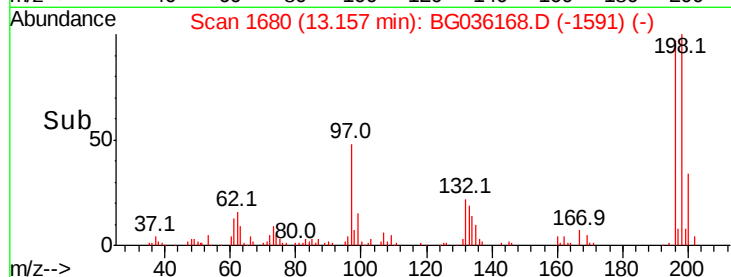
#43
2,4,5-Trichlorophenol
Concen: 47.002 ng
RT: 13.16 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 79112
Ion Ratio Lower Upper
196 100
198 103.0 76.2 114.4
97 49.4 38.7 58.1
132 22.6 20.2 30.2

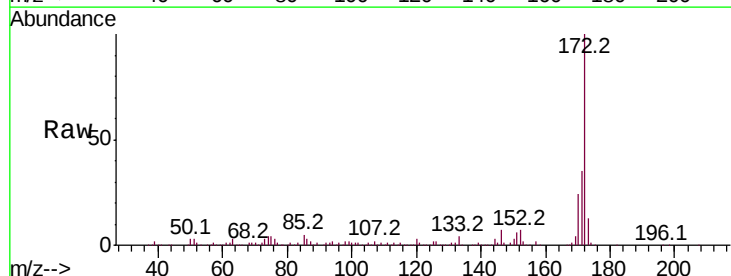


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

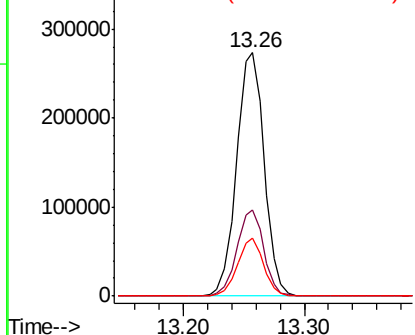
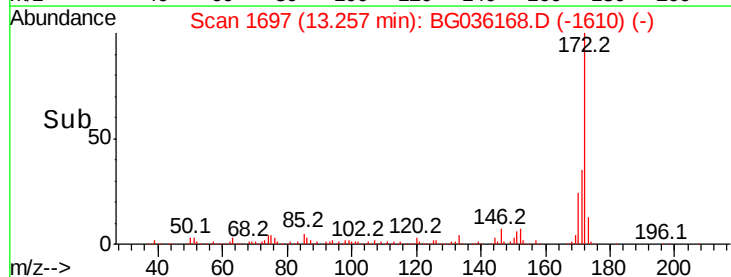


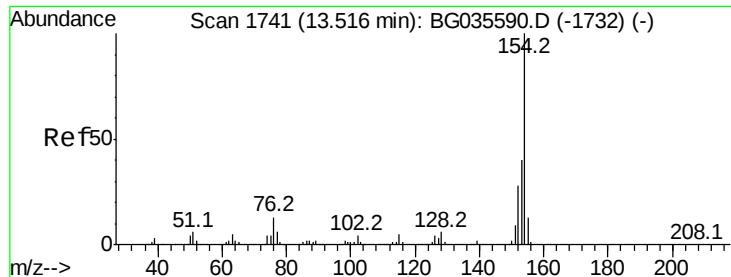
#44
2-Fluorobiphenyl
Concen: 85.265 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion:172 Resp: 433823
Ion Ratio Lower Upper
172 100
171 35.1 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

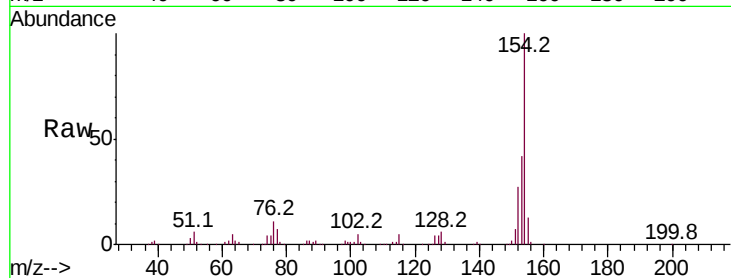




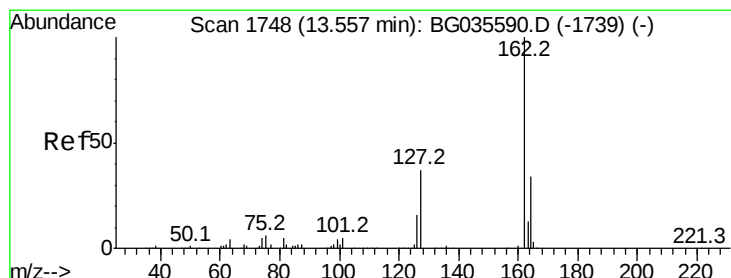
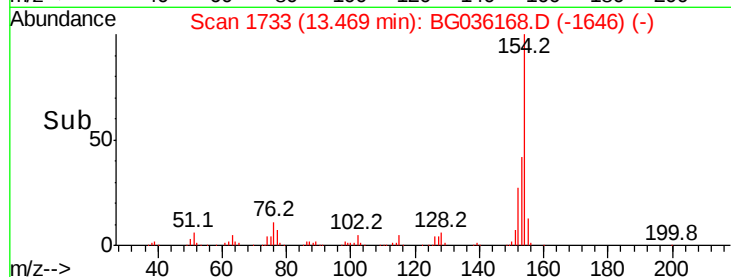
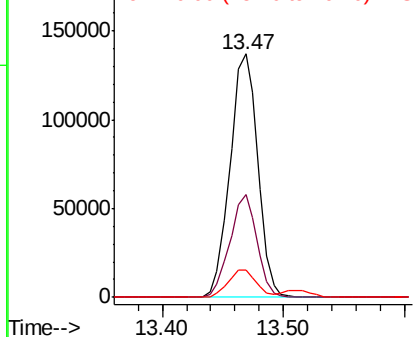
#45
 1,1'-Biphenyl
 Concen: 41.517 ng
 RT: 13.47 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	19.8	59.8
76	11.3	0.0	31.9

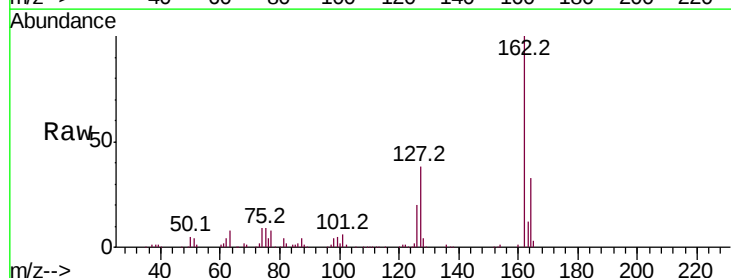


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

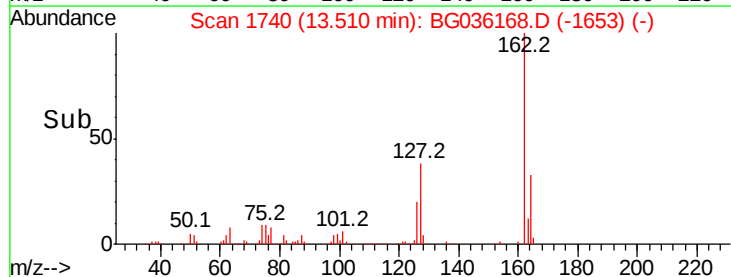
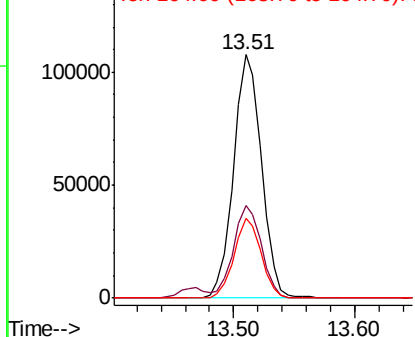


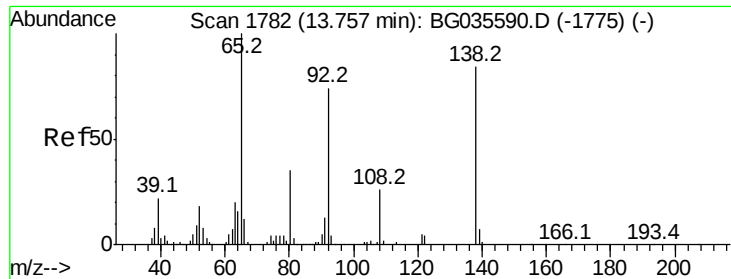
#46
 2-Chloronaphthalene
 Concen: 42.299 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.7	46.1
164	32.7	26.0	39.0



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





#47

2-Nitroaniline

Concen: 41.835 ng

RT: 13.72 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

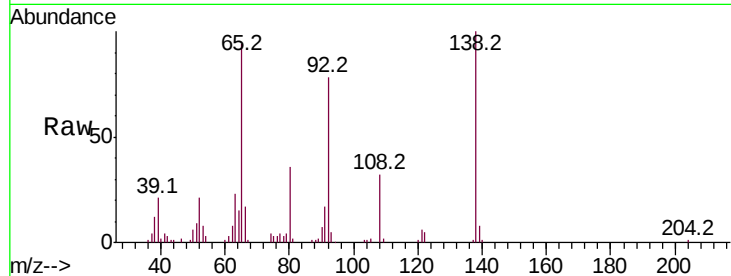
Tot Ion: 65 Resp: 60798

Ion Ratio Lower Upper

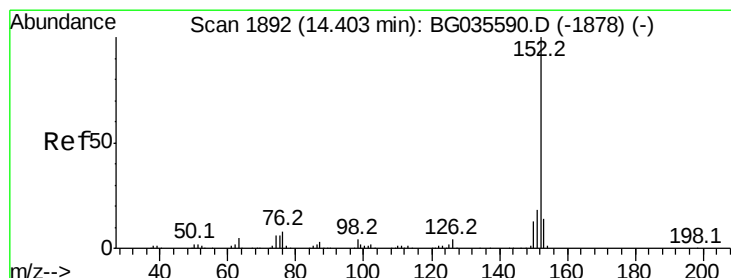
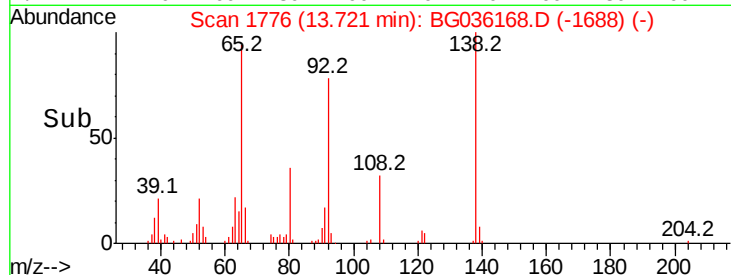
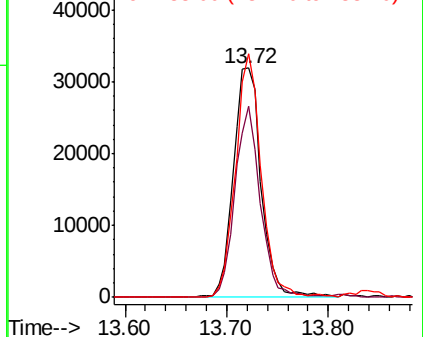
65 100

92 83.3 54.6 82.0#

138 106.2 72.9 109.3



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



#48

Acenaphthylene

Concen: 42.528 ng

RT: 14.36 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

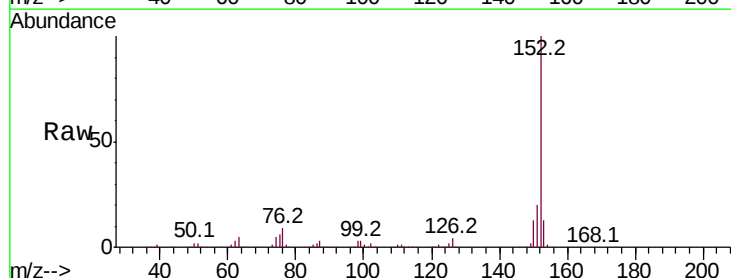
Tgt Ion: 152 Resp: 292847

Ion Ratio Lower Upper

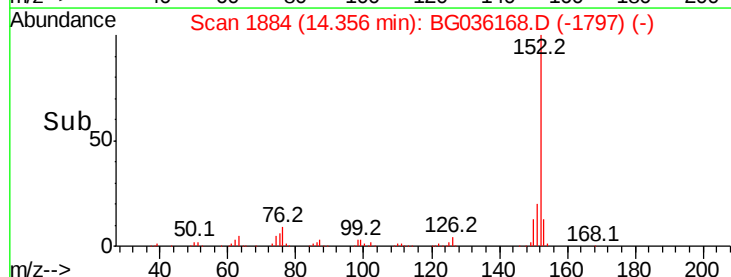
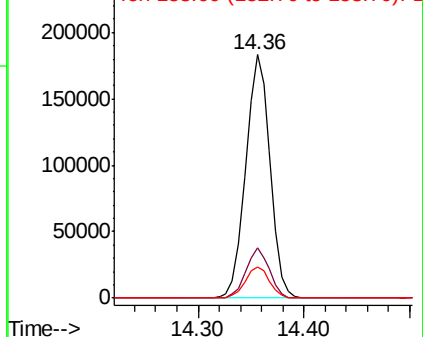
152 100

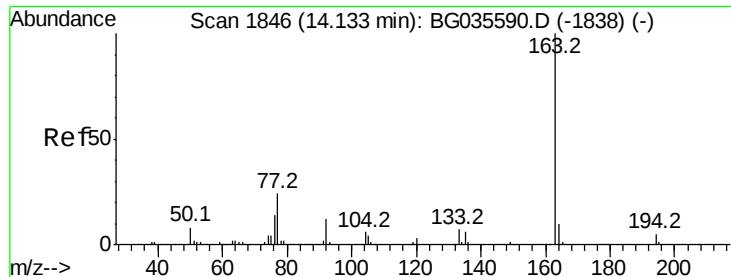
151 20.5 17.2 25.8

153 12.9 10.2 15.4



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





#49

Dimethylphthalate

Concen: 40.631 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

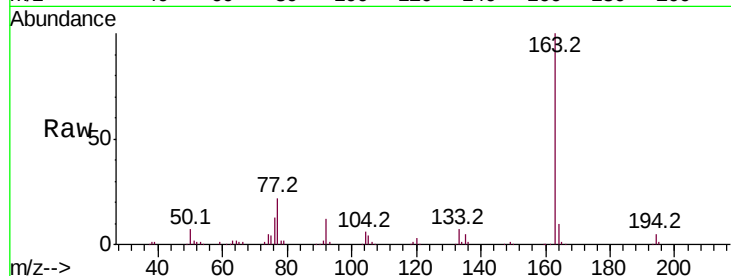
Tot Ion:163 Resp: 242657

Ion Ratio Lower Upper

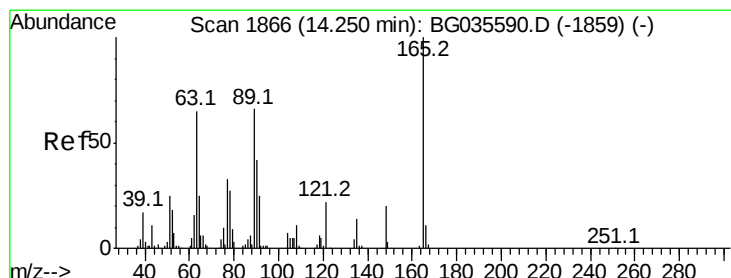
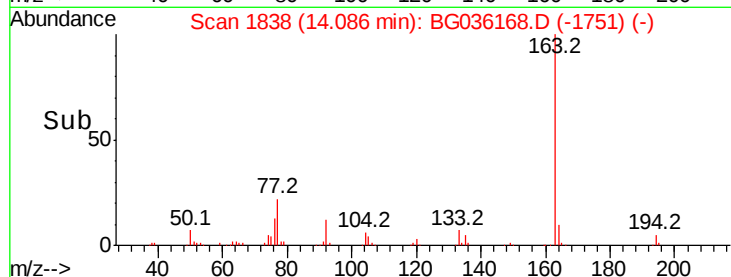
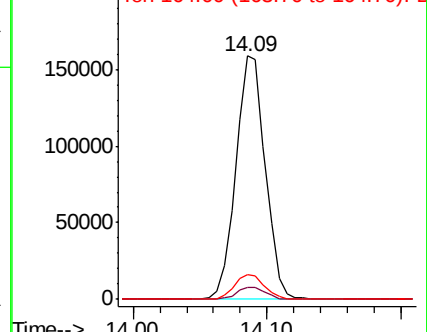
163 100

194 4.8 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: 47.971 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

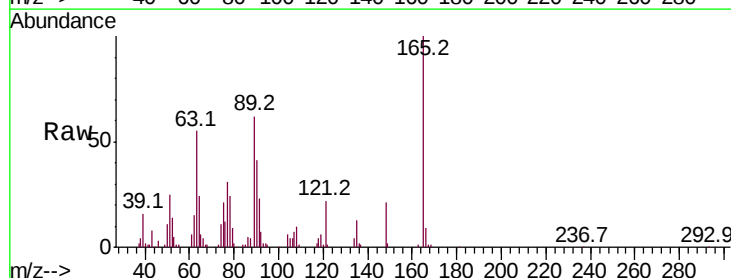
Tgt Ion:165 Resp: 58341

Ion Ratio Lower Upper

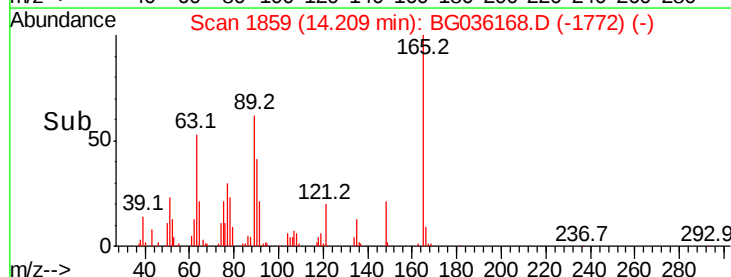
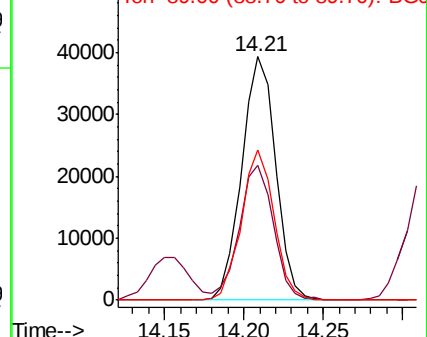
165 100

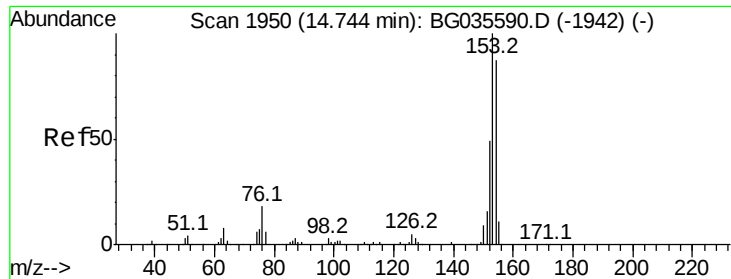
63 55.4 52.7 79.1

89 61.5 49.2 73.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 38.875 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

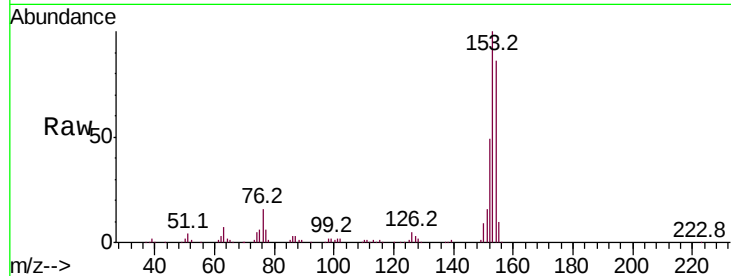
Tot Ion:154 Resp: 166755

Ion Ratio Lower Upper

154 100

153 116.0 90.4 135.6

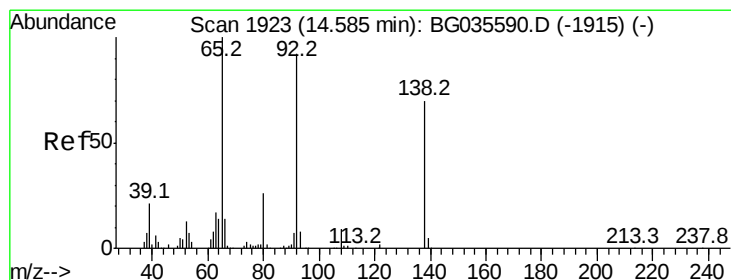
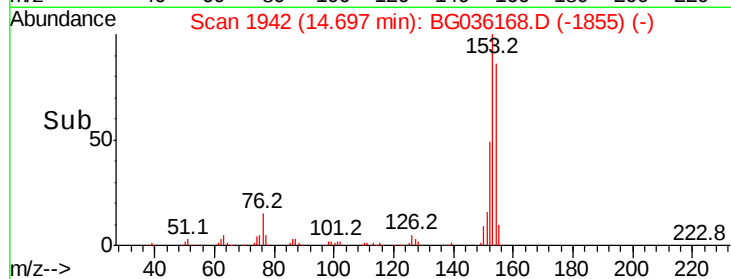
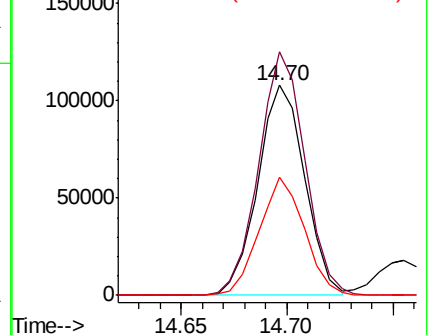
152 56.4 41.6 62.4



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: 30.753 ng

RT: 14.54 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

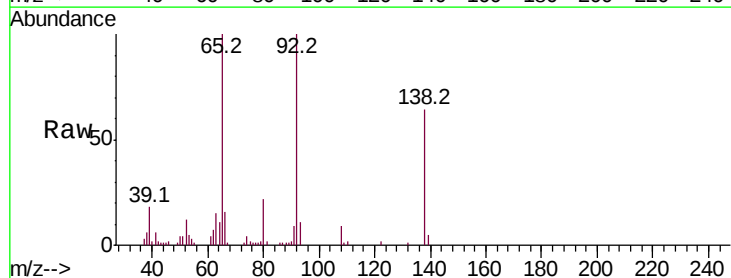
Tgt Ion:138 Resp: 38227

Ion Ratio Lower Upper

138 100

108 14.1 17.5 26.3#

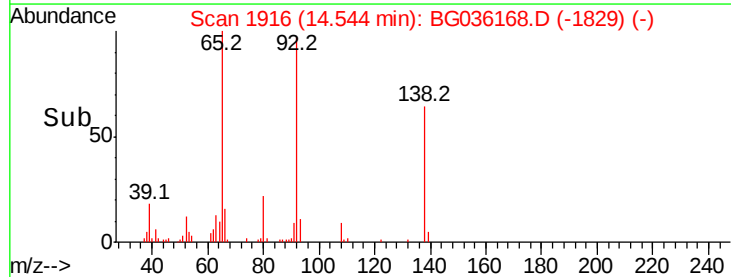
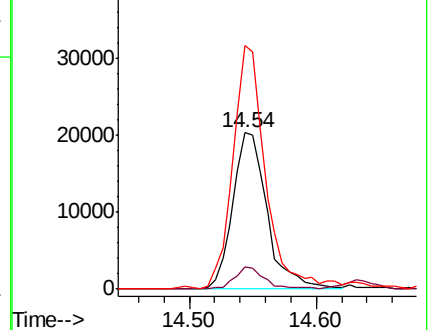
92 156.0 105.8 158.8

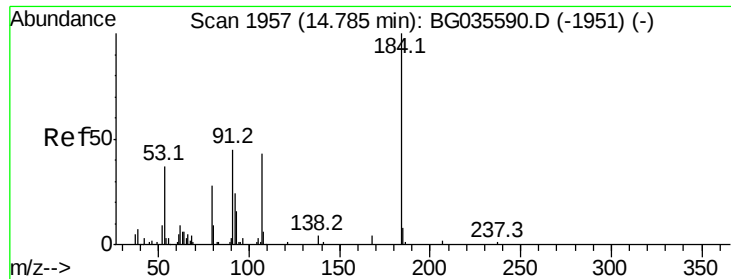


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

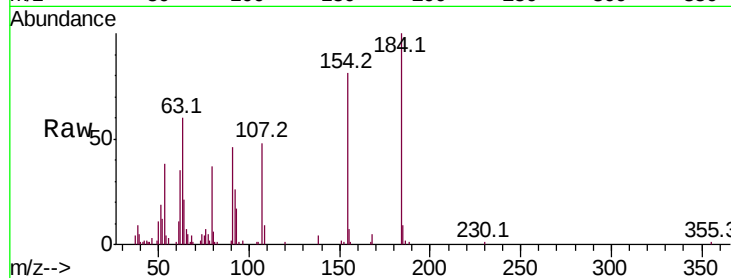




#53
 2,4-Dinitrophenol
 Concen: 74.912 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.2	59.8	89.8
154	81.2	101.8	152.8#

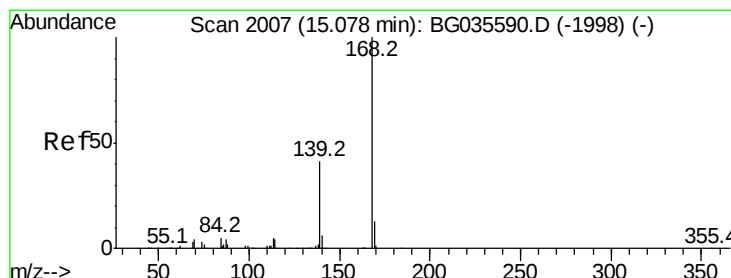
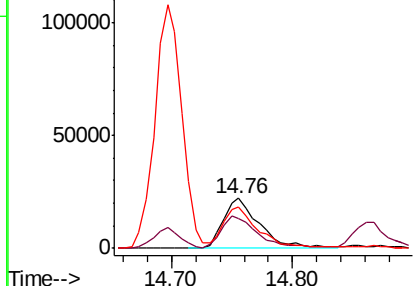
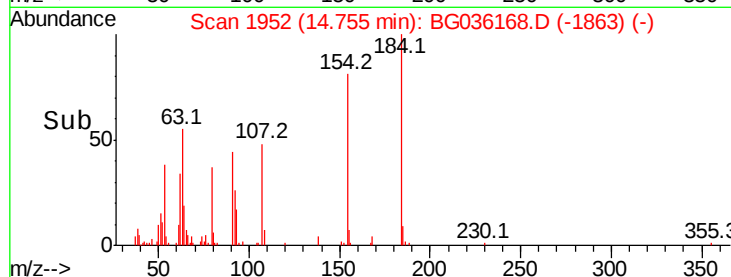


Abundance

Ion 184.00 (183.70 to 184.70): E

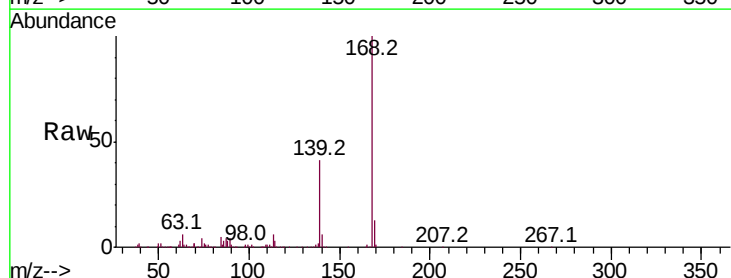
Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 42.610 ng
 RT: 15.03 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	28.6	43.0
169	13.3	11.2	16.8

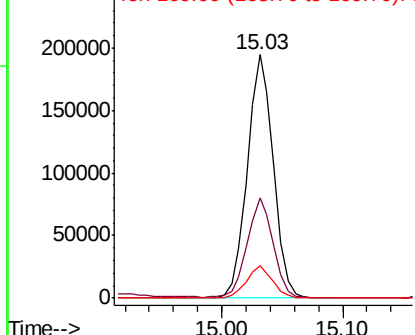
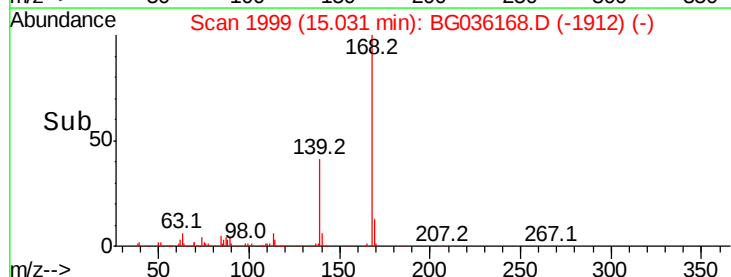


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 75.523 ng

RT: 14.86 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

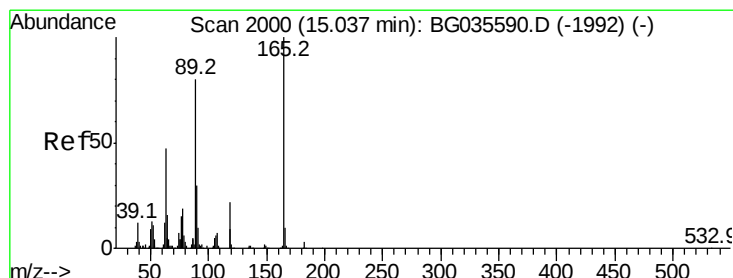
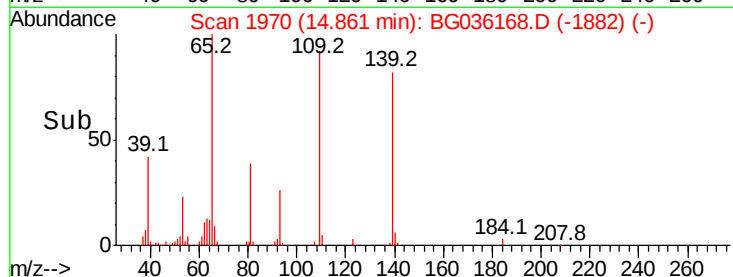
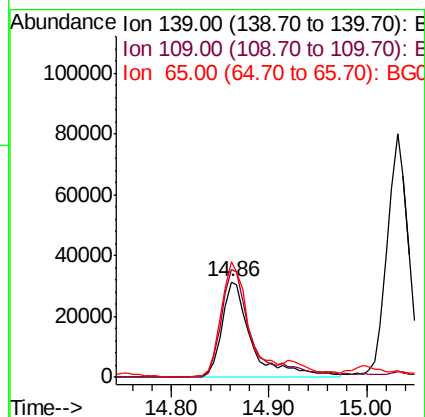
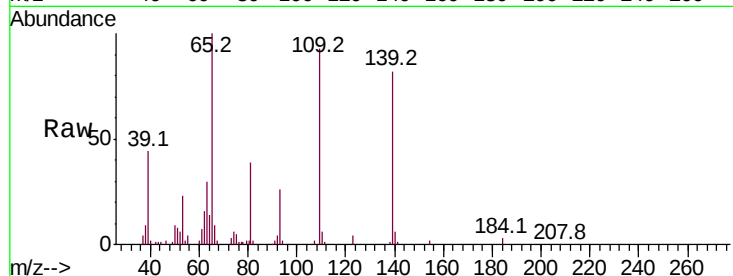
Tot Ion:139 Resp: 66855

Ion Ratio Lower Upper

139 100

109 112.6 62.2 102.2#

65 121.2 97.2 137.2



#56

2,4-Dinitrotoluene

Concen: 47.924 ng

RT: 15.00 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion:165 Resp: 83616

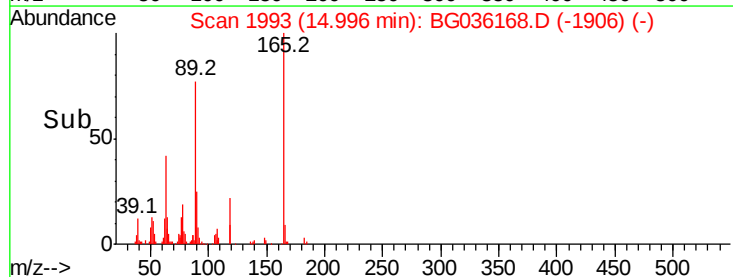
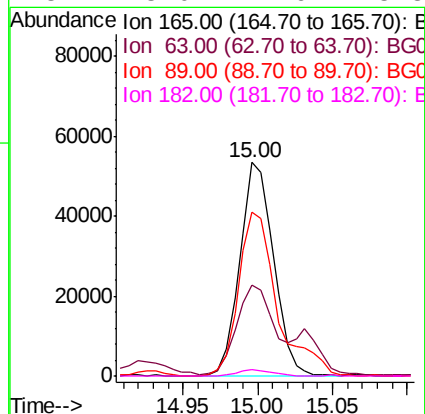
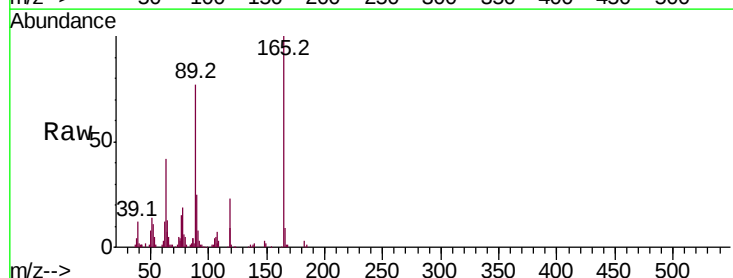
Ion Ratio Lower Upper

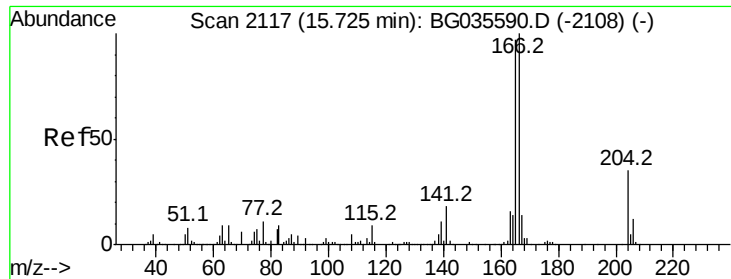
165 100

63 42.3 42.0 63.0

89 76.9 66.9 100.3

182 3.0 2.6 3.8

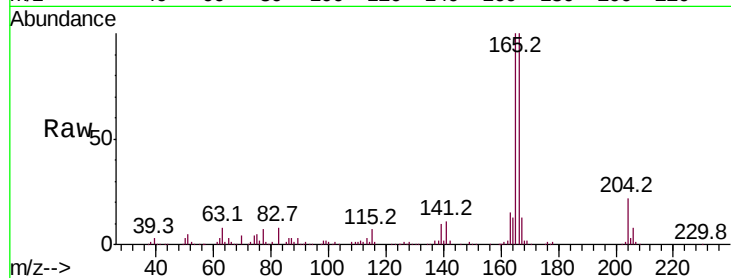




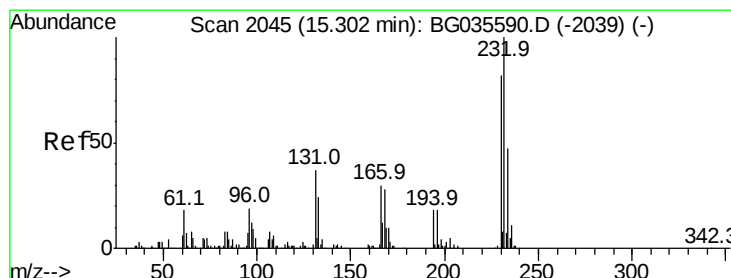
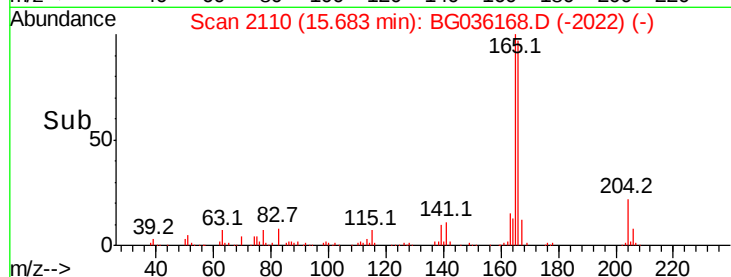
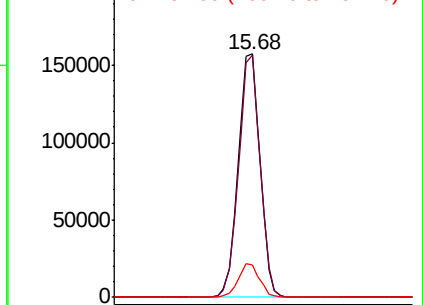
#57
 Fluorene
 Concen: 42.833 ng
 RT: 15.68 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 244908
 Ion Ratio Lower Upper
 166 100
 165 99.7 80.6 121.0
 167 13.3 10.4 15.6

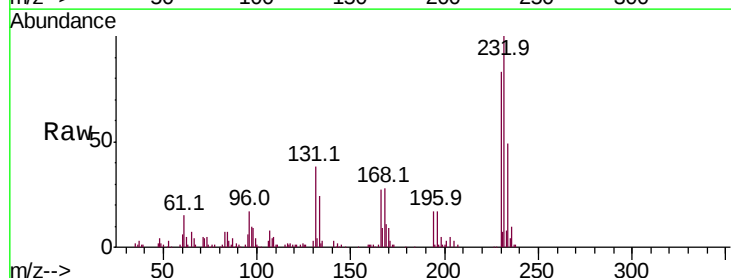


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

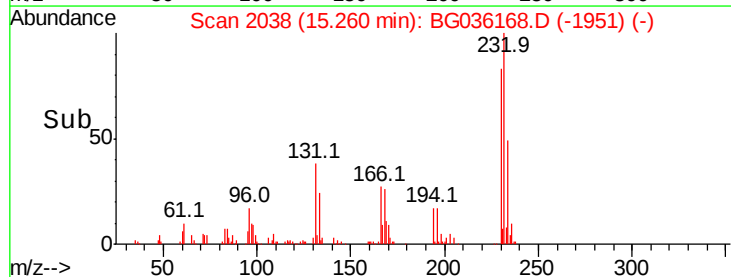
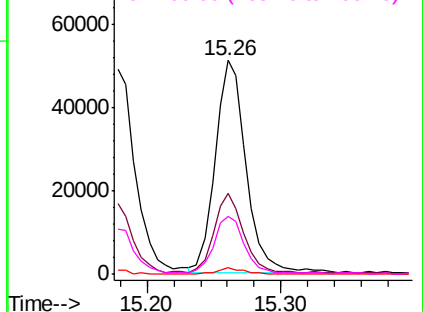


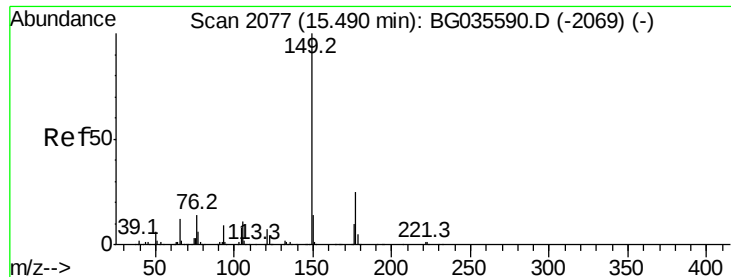
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.363 ng
 RT: 15.26 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion:232 Resp: 82890
 Ion Ratio Lower Upper
 232 100
 131 35.9 33.5 50.3
 130 2.3 2.2 3.2
 166 27.5 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

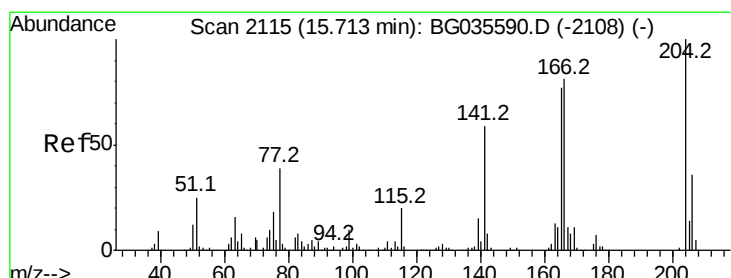
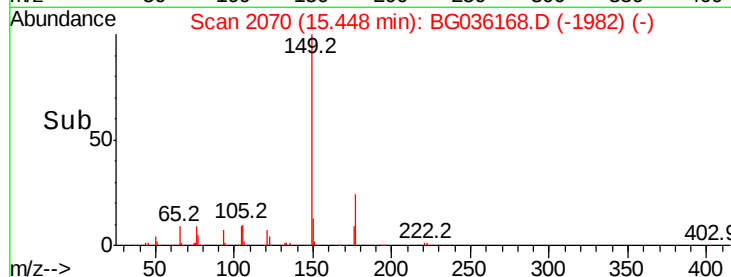
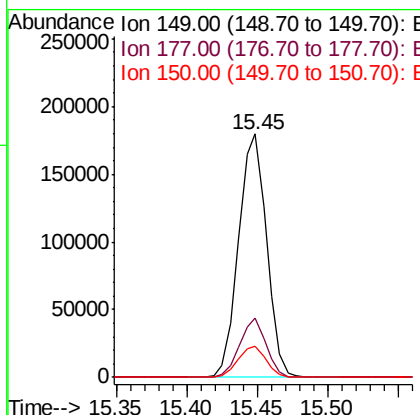
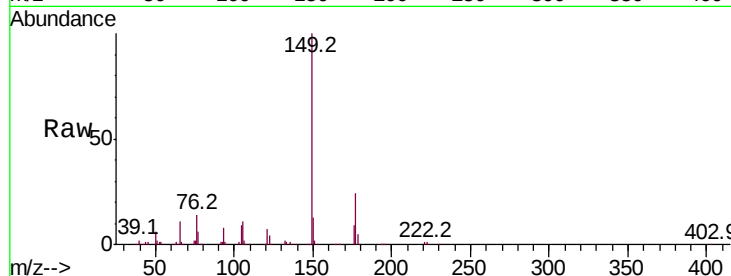




#59
Diethylphthalate
Concen: 40.586 ng
RT: 15.45 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

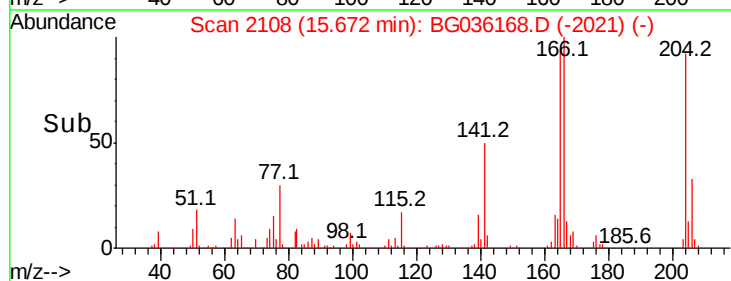
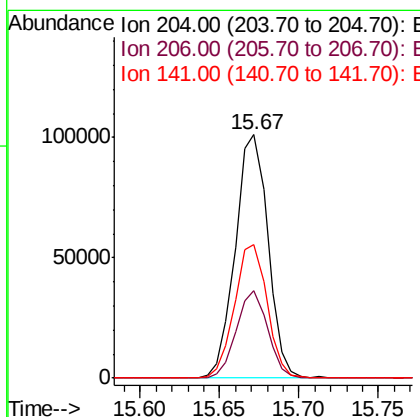
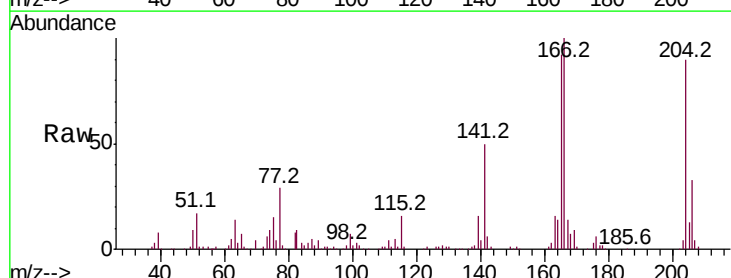
Instrument :
BNA_G
ClientSampleId :

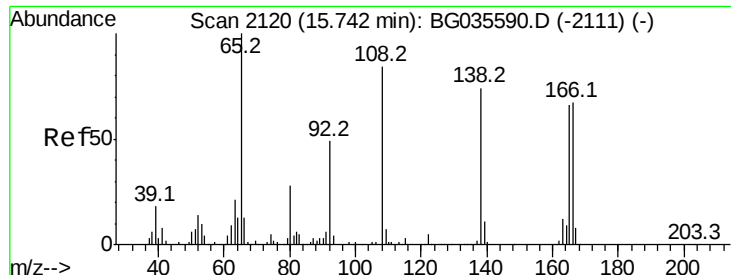
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.5	27.7
150	12.7	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.992 ng
RT: 15.67 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.2	26.2	39.2
141	54.9	45.8	68.6

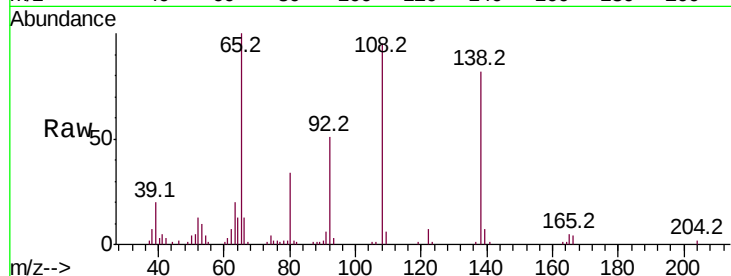




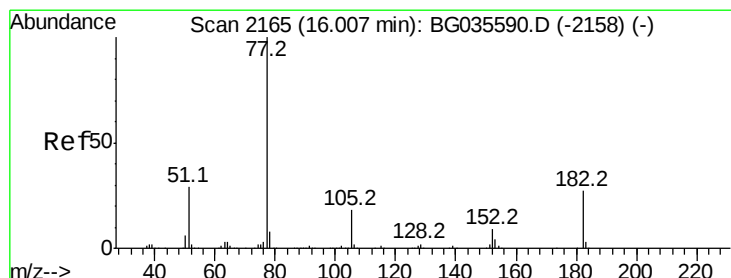
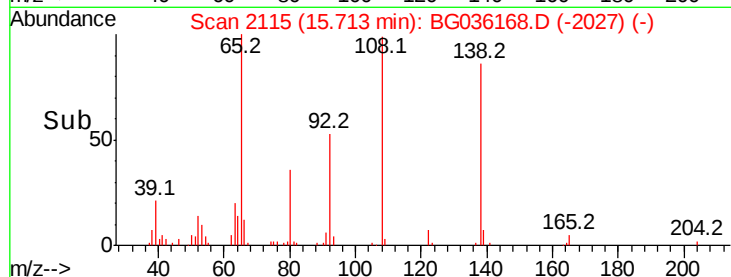
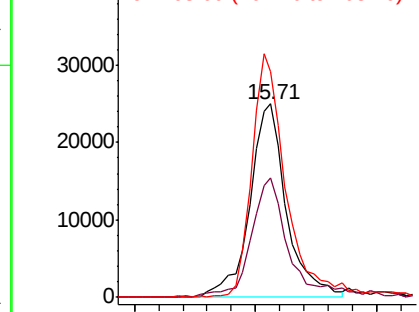
#61
4-Nitroaniline
Concen: 40.410 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 52543
Ion Ratio Lower Upper
138 100
92 61.9 40.1 80.1
108 116.7 65.4 105.4#

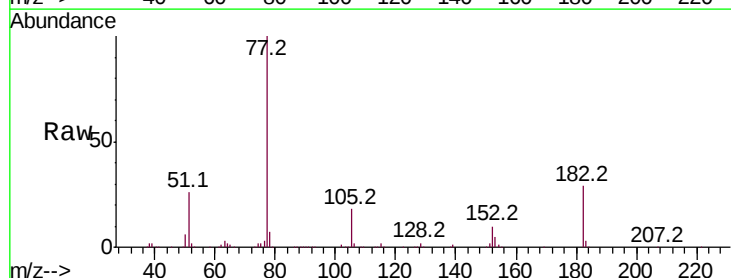


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

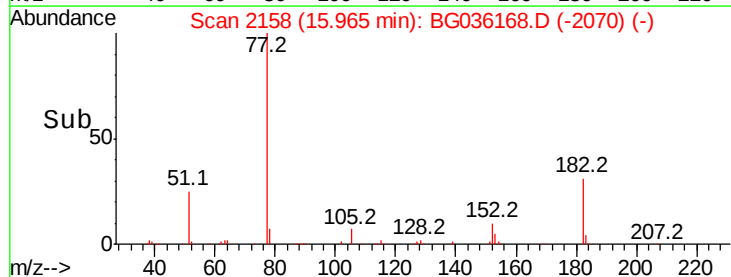
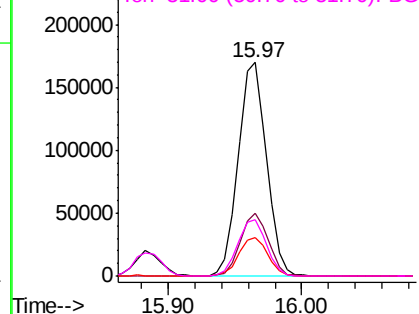


#62
Azobenzene
Concen: 41.383 ng
RT: 15.97 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion: 77 Resp: 250676
Ion Ratio Lower Upper
77 100
182 29.1 7.4 47.4
105 18.2 0.3 40.3
51 26.3 11.6 51.6



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

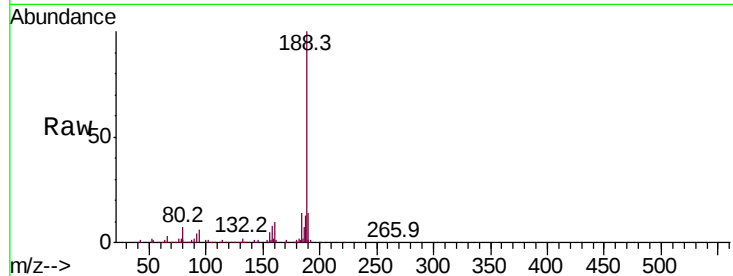
Tot Ion:188 Resp: 194589

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

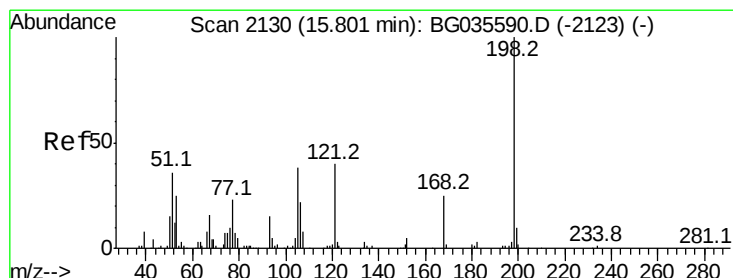
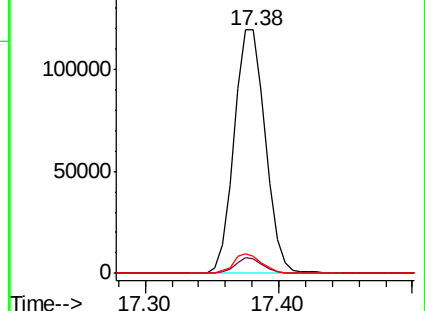
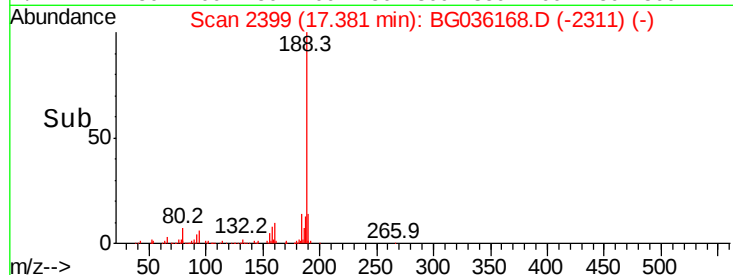
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.686 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

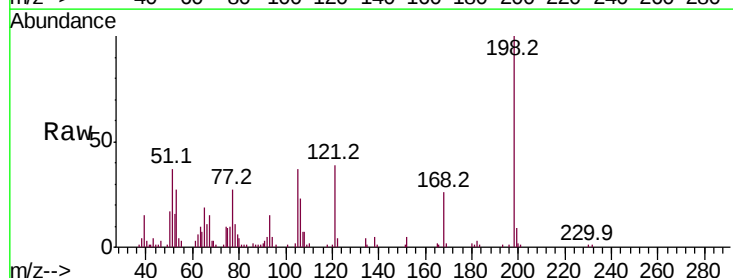
Tgt Ion:198 Resp: 50571

Ion Ratio Lower Upper

198 100

51 36.7 30.6 70.6

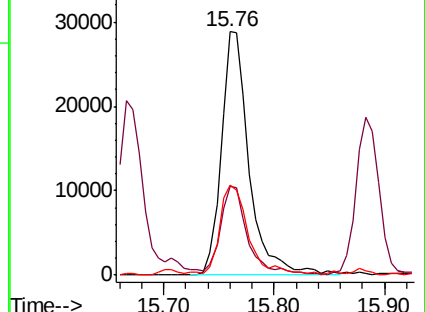
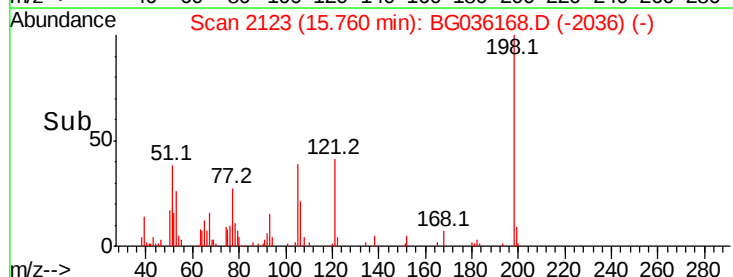
105 37.1 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.332 ng

RT: 15.89 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

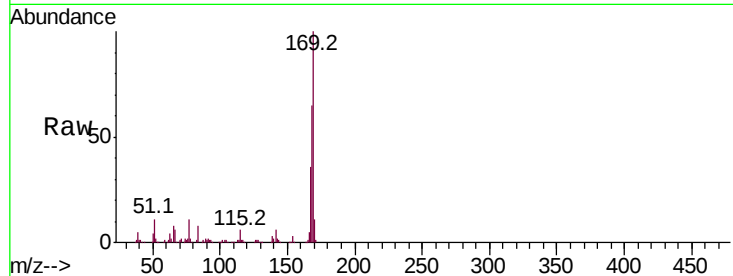
Tot Ion:169 Resp: 228926

Ion Ratio Lower Upper

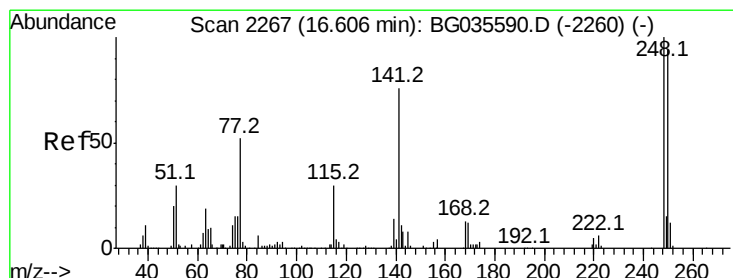
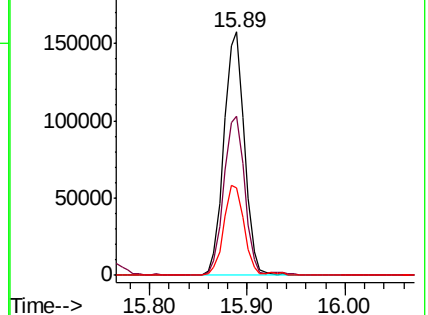
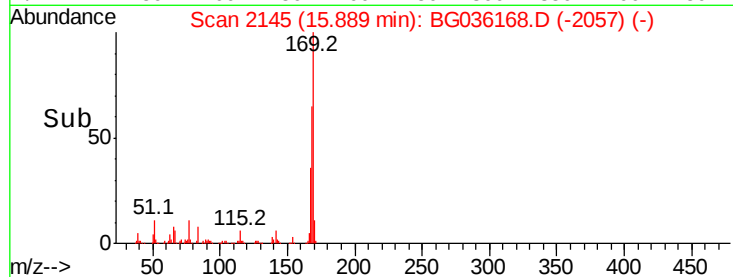
169 100

168 65.2 55.7 83.5

167 35.9 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: 43.474 ng

RT: 16.56 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

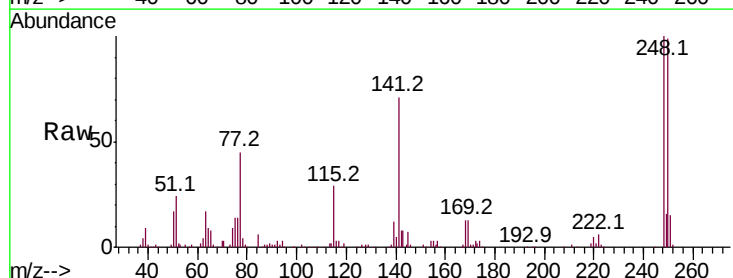
Tgt Ion:248 Resp: 98145

Ion Ratio Lower Upper

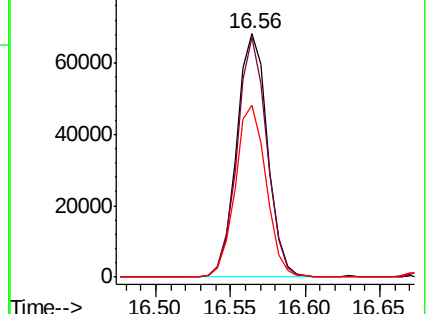
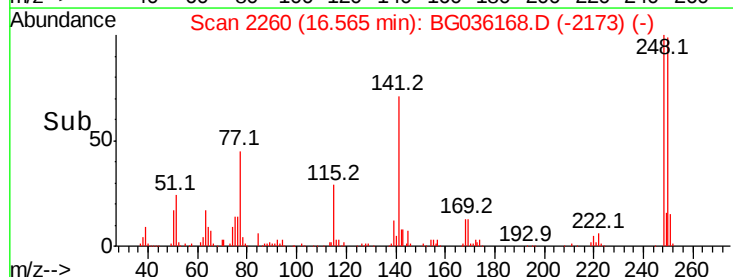
248 100

250 98.7 77.1 115.7

141 70.7 50.8 76.2



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





#67

Hexachlorobenzene

Concen: 43.658 ng

RT: 16.69 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

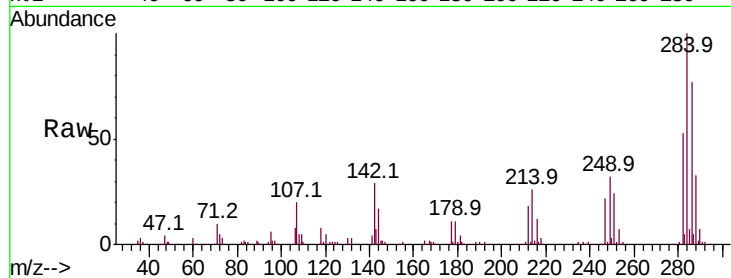
Tot Ion:284 Resp: 101500

Ion Ratio Lower Upper

284 100

142 28.8 26.8 40.2

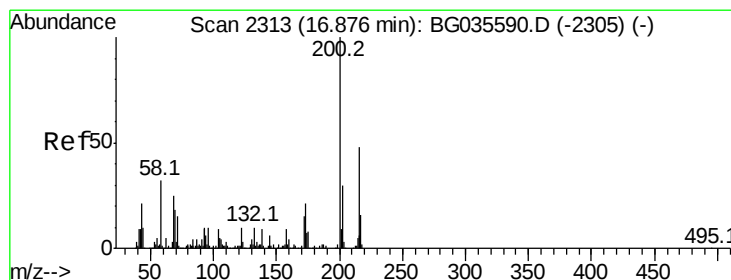
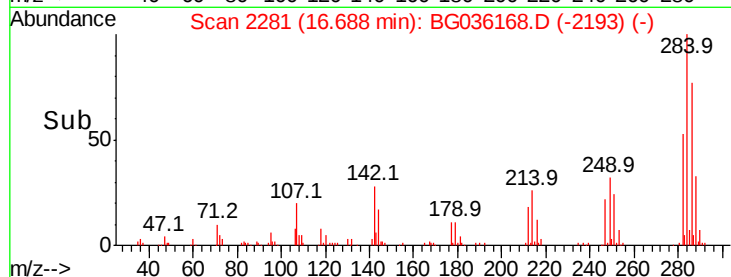
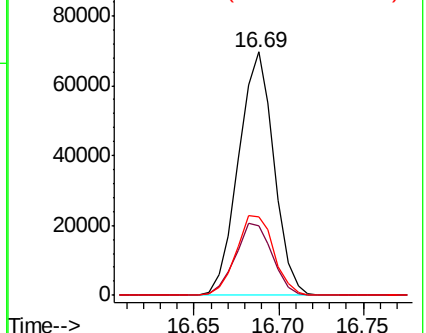
249 32.3 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.230 ng

RT: 16.83 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

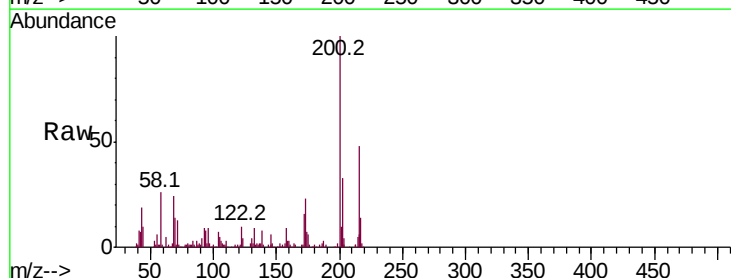
Tgt Ion:200 Resp: 105426

Ion Ratio Lower Upper

200 100

173 23.5 5.2 45.2

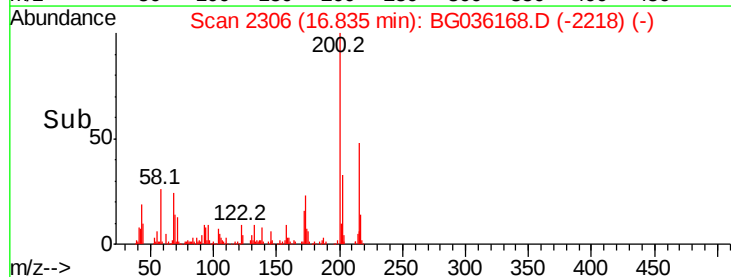
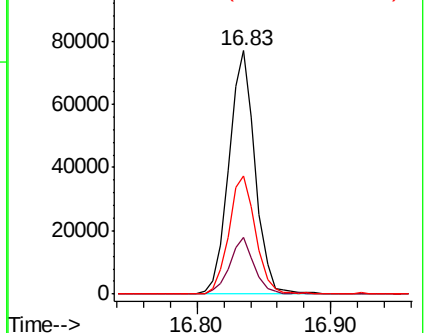
215 48.5 30.4 70.4

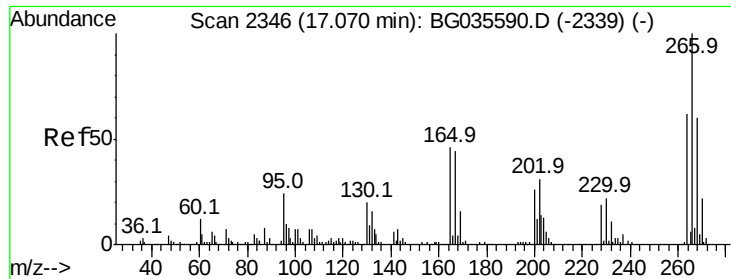


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

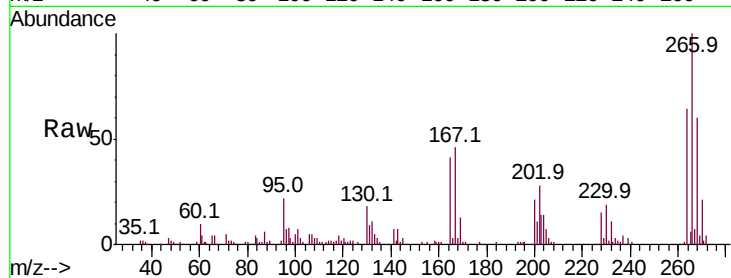




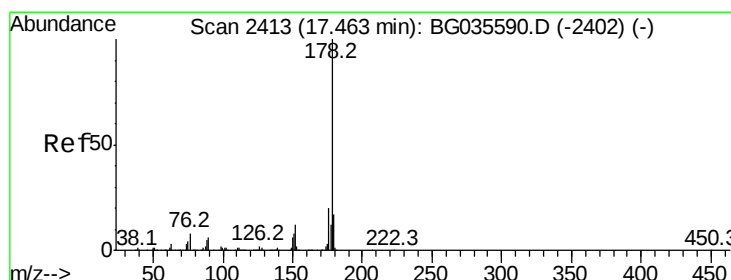
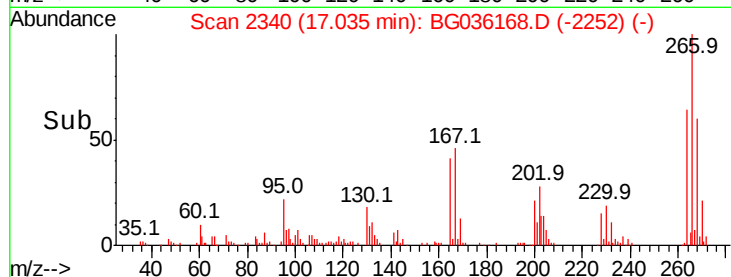
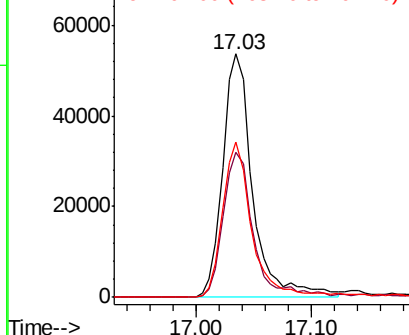
#69
 Pentachlorophenol
 Concen: 68.354 ng
 RT: 17.03 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:266 Resp: 96794
 Ion Ratio Lower Upper
 266 100
 268 59.8 51.1 76.7
 264 63.9 49.6 74.4

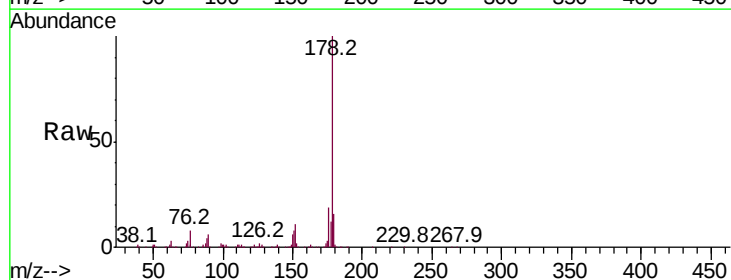


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

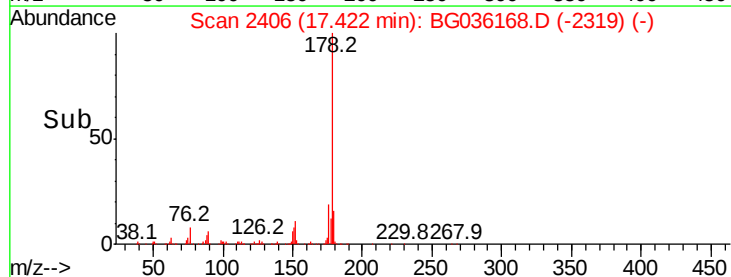
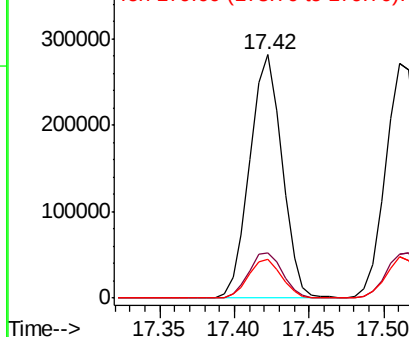


#70
 Phenanthrene
 Concen: 43.460 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion:178 Resp: 421986
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.7 23.5
 179 15.9 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

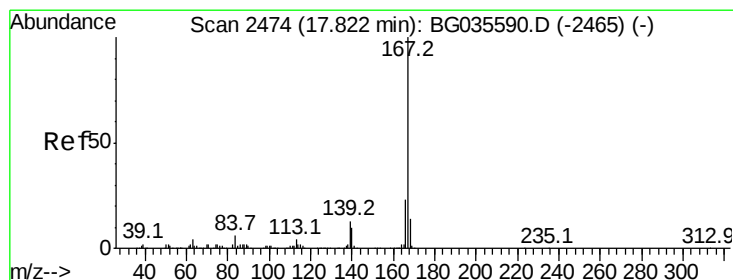
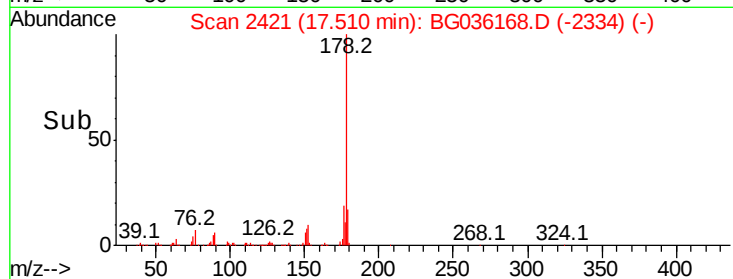
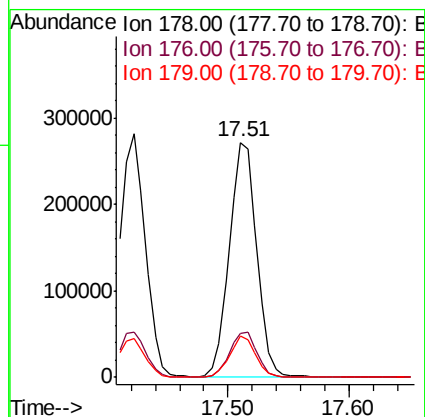
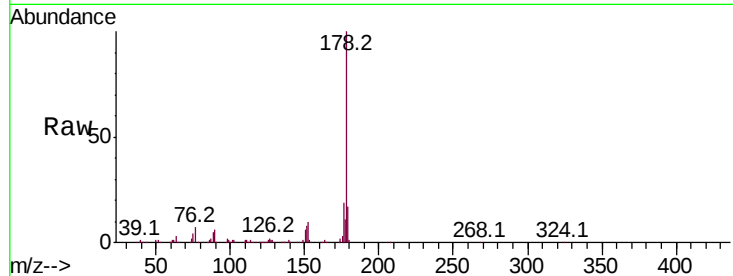




#71
 Anthracene
 Concen: 44.218 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

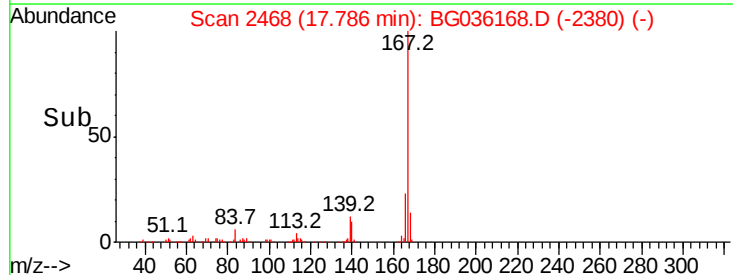
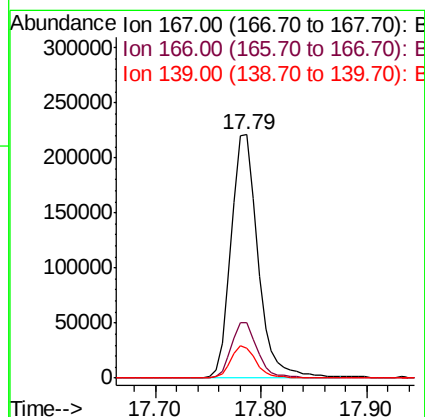
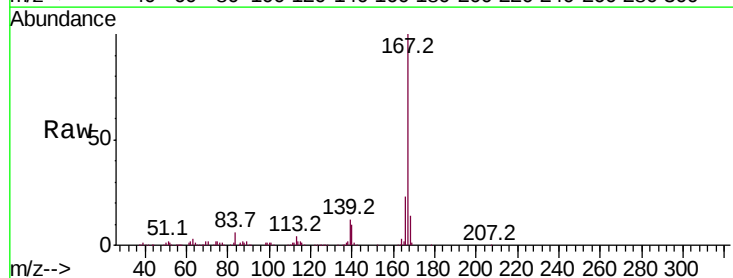
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.0	24.0
179	17.4	12.5	18.7



#72
 Carbazole
 Concen: 42.454 ng
 RT: 17.79 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	12.1	9.4	14.2





#73

Di-n-butylphthalate

Concen: 41.437 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

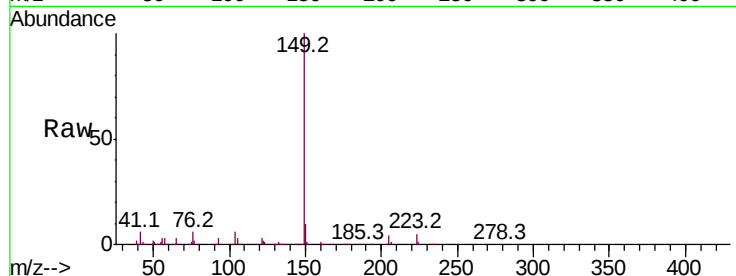
Tot Ion:149 Resp: 449599

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

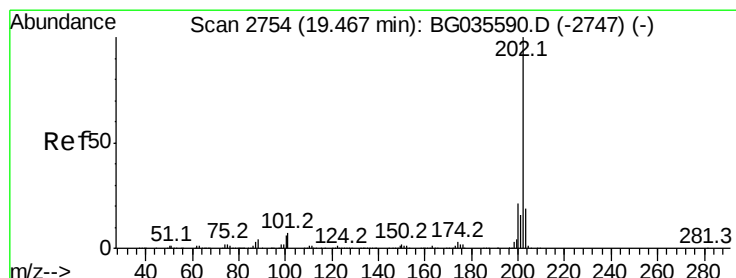
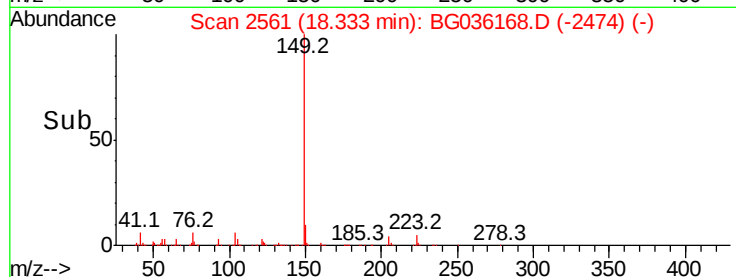
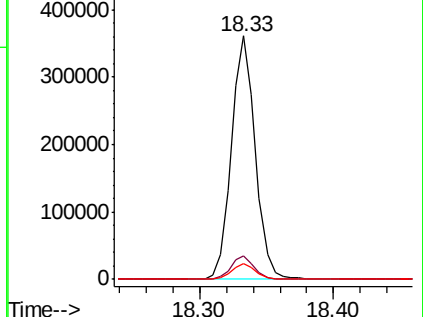
104 6.3 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.728 ng

RT: 19.43 min Scan# 2748

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

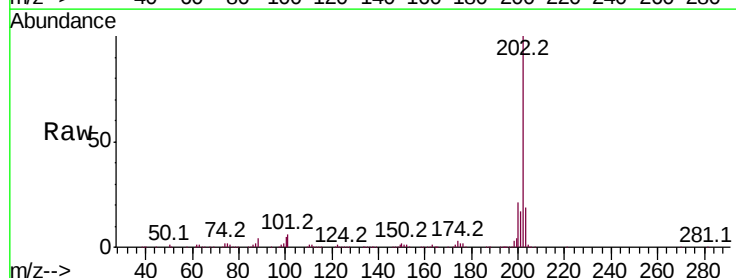
Tgt Ion:202 Resp: 584985

Ion Ratio Lower Upper

202 100

101 6.0 0.0 28.9

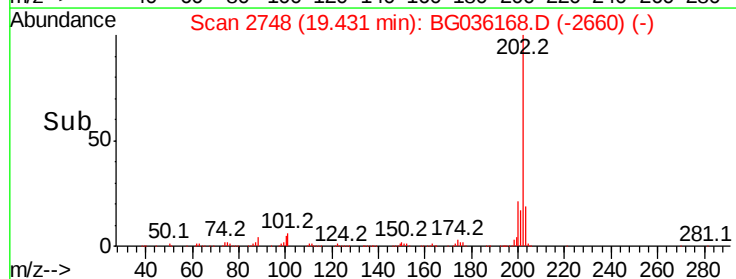
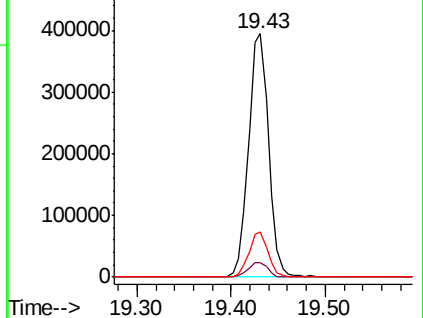
203 18.5 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

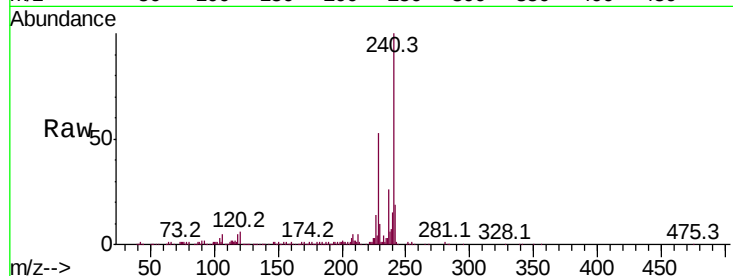
Tot Ion:240 Resp: 222475

Ion Ratio Lower Upper

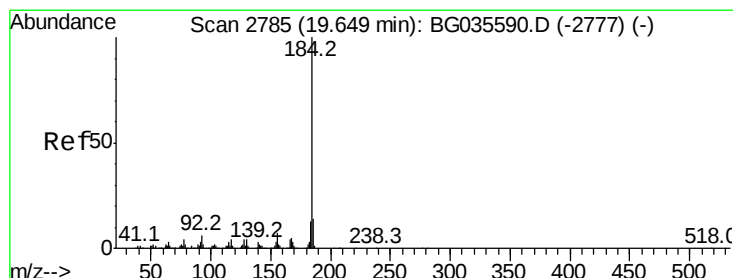
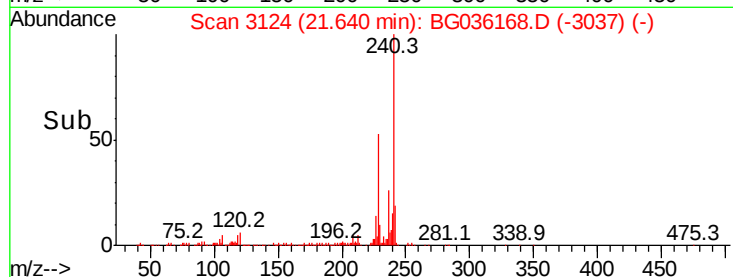
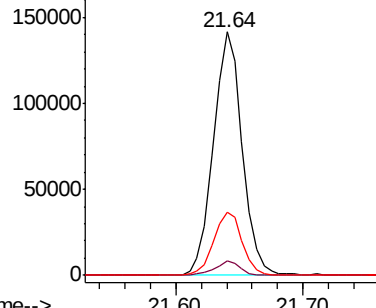
240 100

120 5.7 6.8 10.2#

236 25.9 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: 36.773 ng

RT: 19.61 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

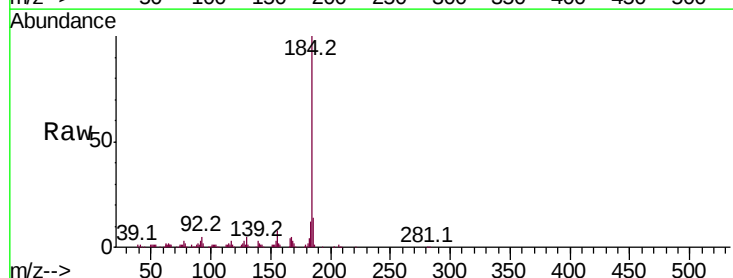
Tgt Ion:184 Resp: 215084

Ion Ratio Lower Upper

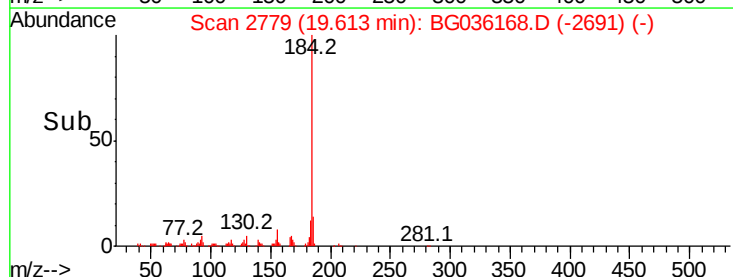
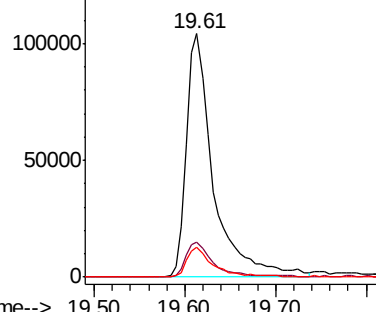
184 100

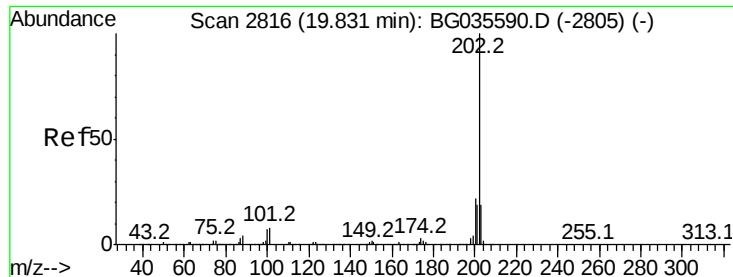
185 14.2 11.1 16.7

183 12.3 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

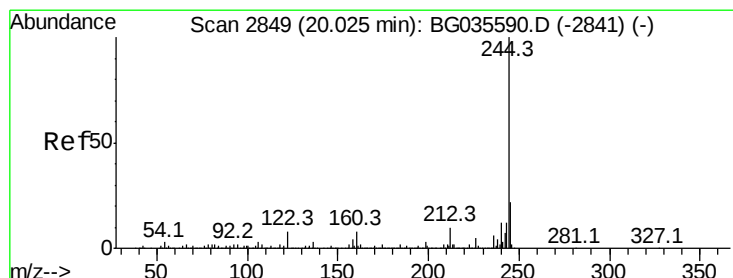
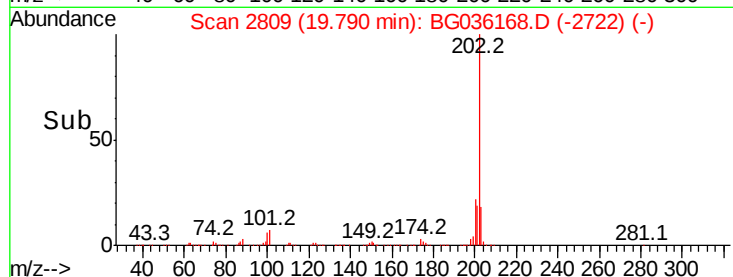
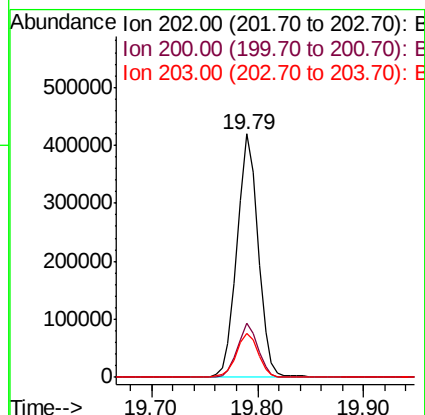
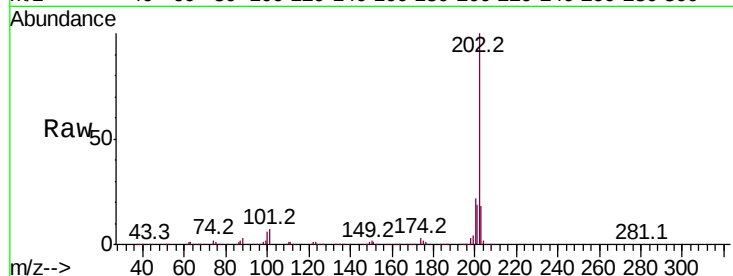




#77
Pvrene
Concen: 40.955 ng
RT: 19.79 min Scan# 2809
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

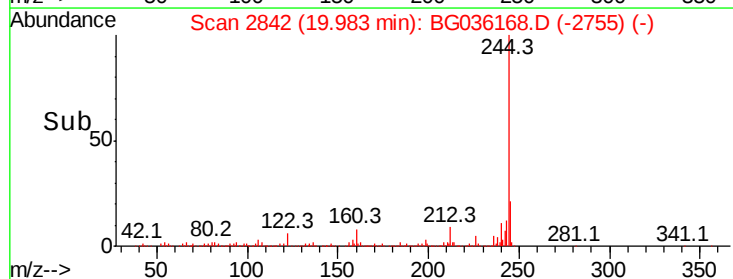
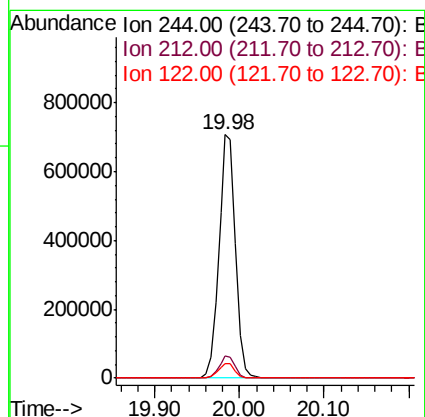
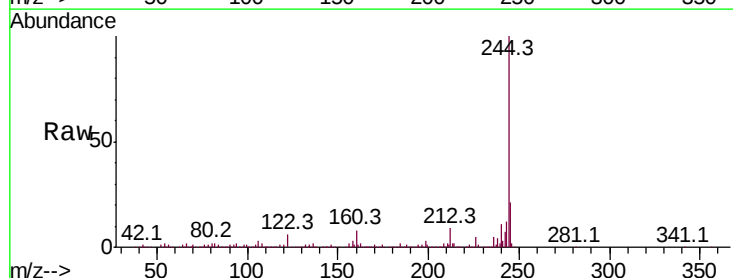
Instrument :
BNA_G
ClientSampleId :

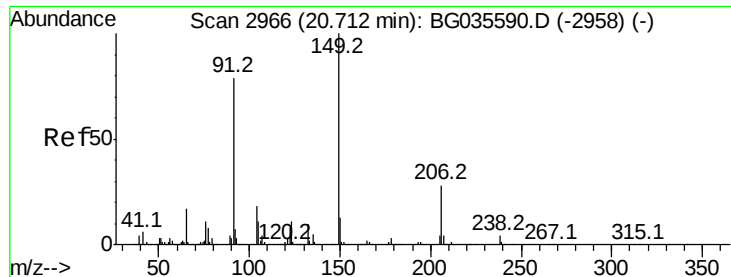
Tot Ion:	202	Resp:	576131
Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	17.9	13.9	20.9



#78
Terphenyl-d14
Concen: 96.120 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion:	244	Resp:	970120
Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	6.2	7.0	10.4#

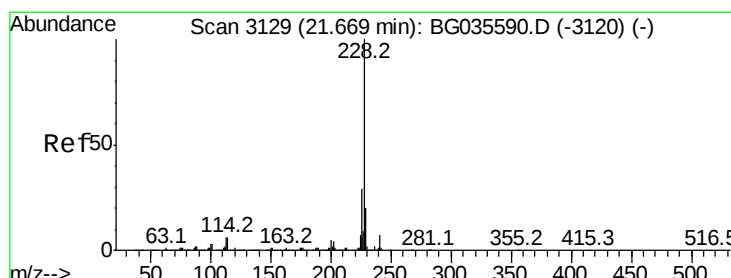
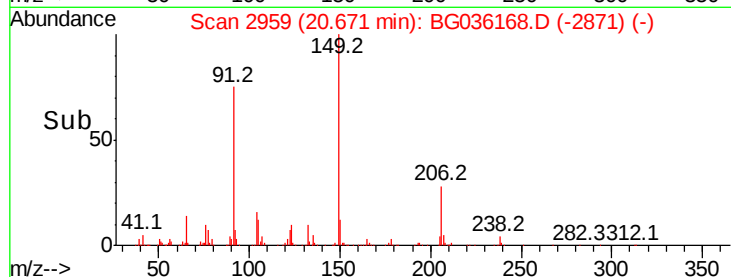
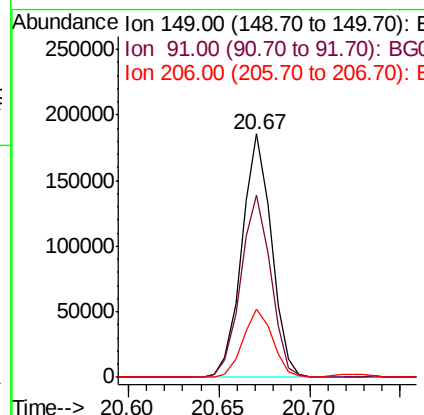
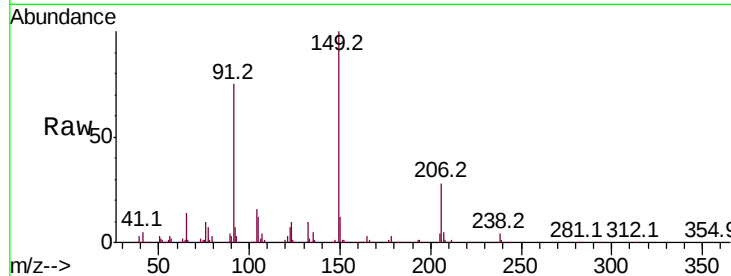




#79
 Butylbenzylphthalate
 Concen: 42.035 ng
 RT: 20.67 min Scan# 2959
 Delta R.T. -0.01 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

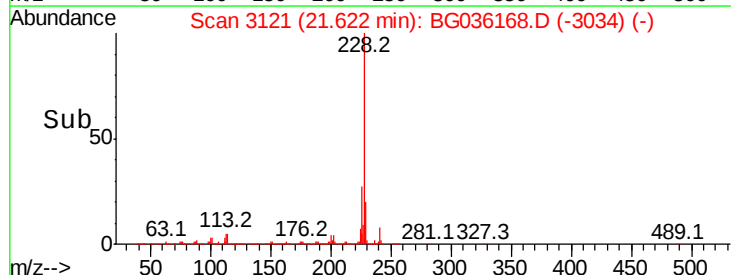
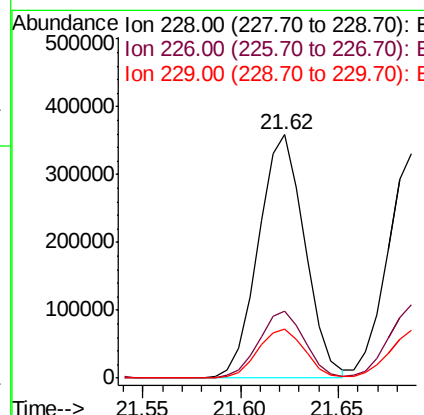
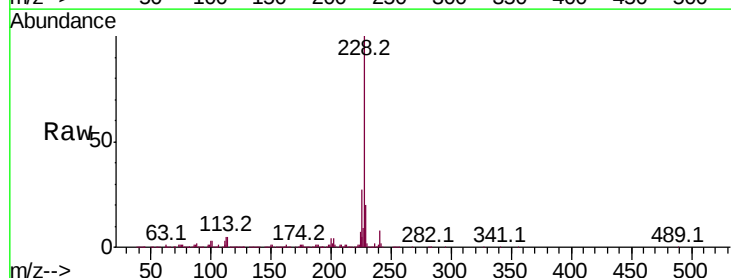
Instrument :
 BNA_G
 ClientSampled :

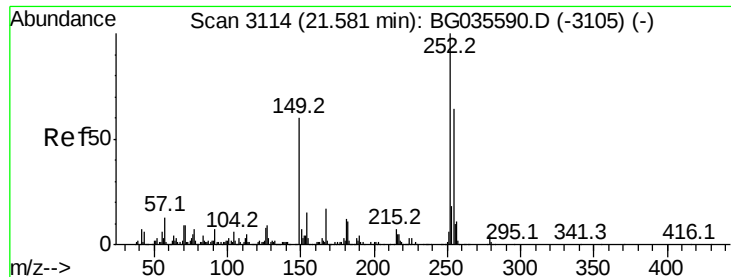
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.8	62.2	93.2
206	28.0	18.6	27.8



#80
 Benzo(a)anthracene
 Concen: 42.443 ng
 RT: 21.62 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	20.0	16.2	24.2

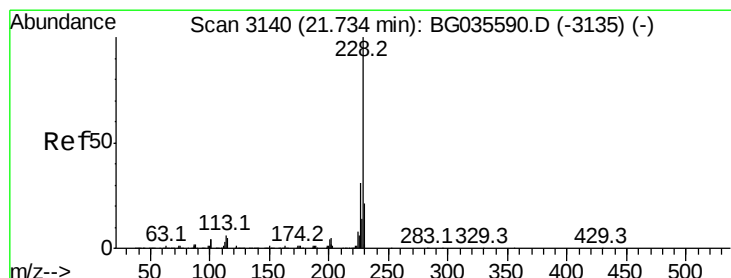
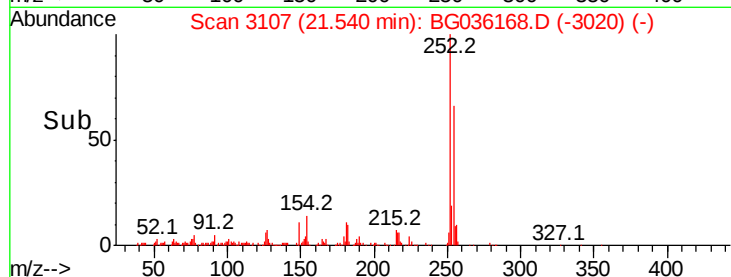
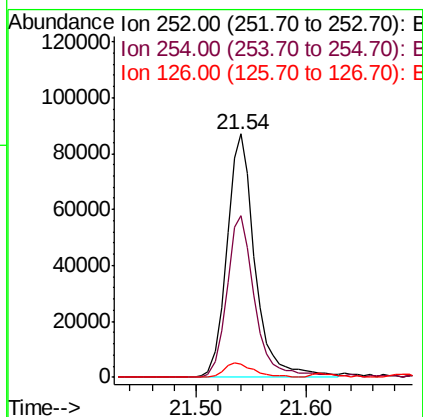
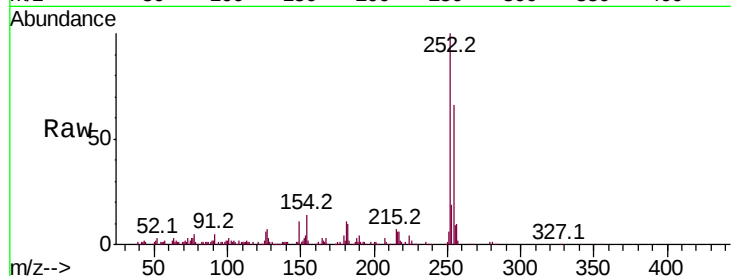




#81
 3,3'-Dichlorobenzidine
 Concen: 31.962 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

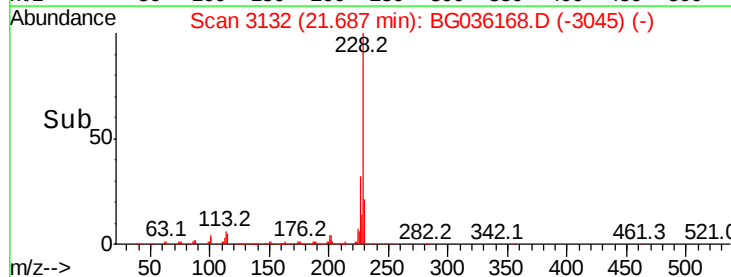
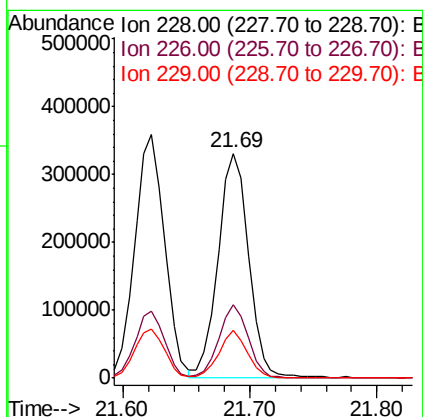
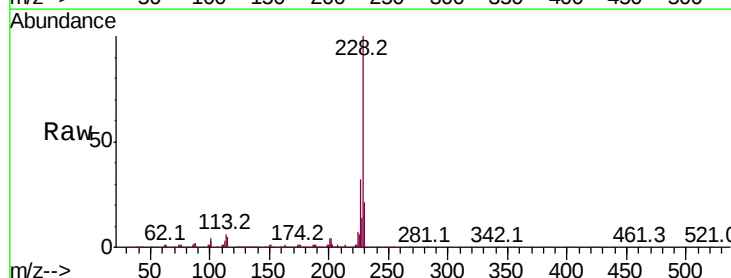
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 154510
 Ion Ratio Lower Upper
 252 100
 254 66.5 50.8 76.2
 126 5.7 7.4 11.2#



#82
 Chrysene
 Concen: 42.844 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion:228 Resp: 550432
 Ion Ratio Lower Upper
 228 100
 226 32.4 24.9 37.3
 229 21.4 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.733 ng

RT: 21.52 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

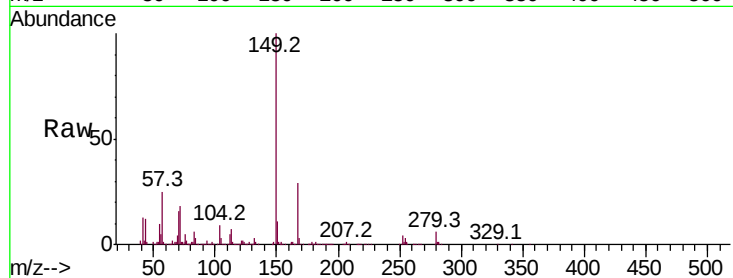
Tot Ion:149 Resp: 292251

Ion Ratio Lower Upper

149 100

167 29.1 24.3 36.5

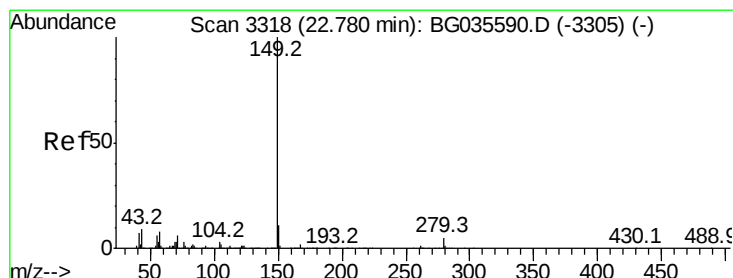
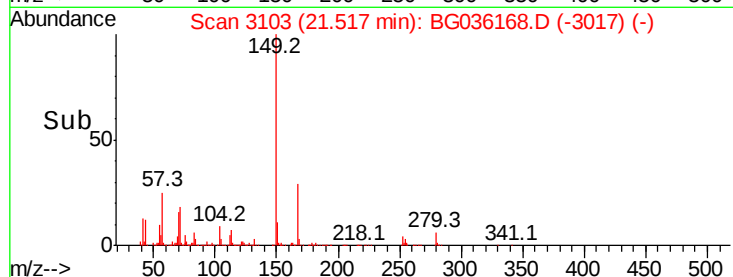
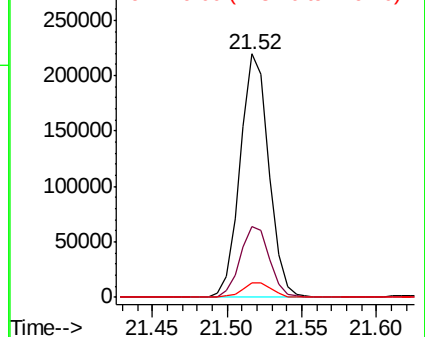
279 6.2 4.0 6.0#



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: 43.238 ng

RT: 22.72 min Scan# 3307

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

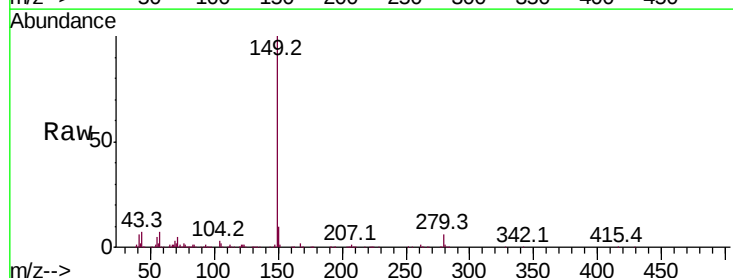
Tgt Ion:149 Resp: 495124

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

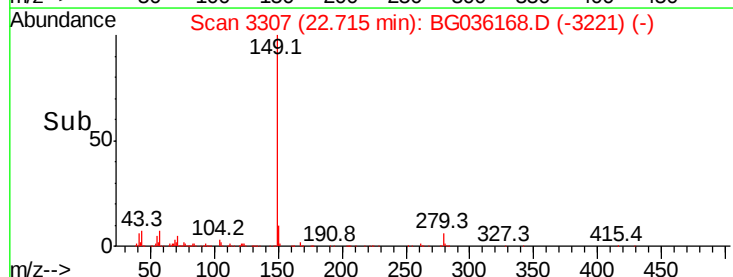
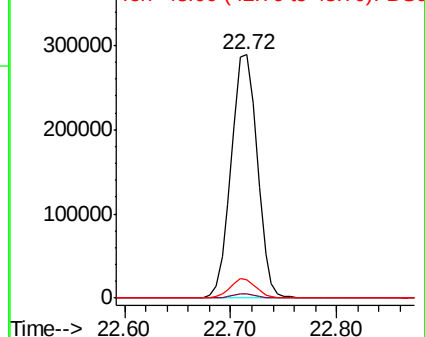
43 7.7 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.993 ng

RT: 28.45 min Scan# 4283

Delta R.T. -0.05 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

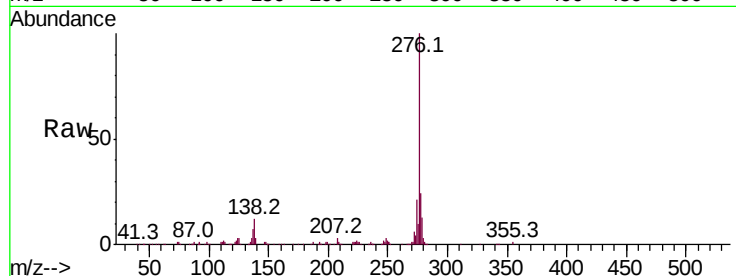
Tot Ion:276 Resp: 611533

Ion Ratio Lower Upper

276 100

138 7.0 16.0 24.0#

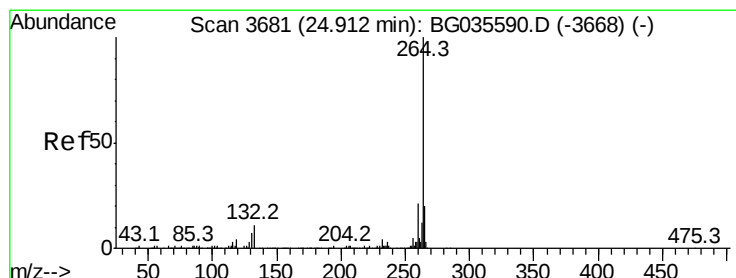
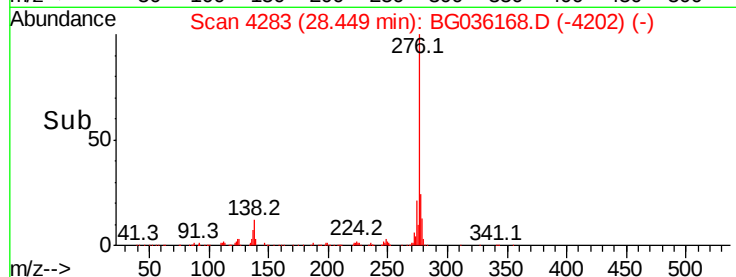
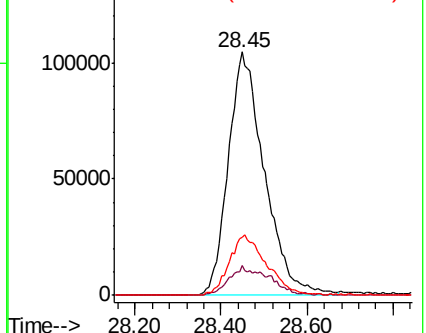
277 25.7 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3666

Delta R.T. -0.04 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

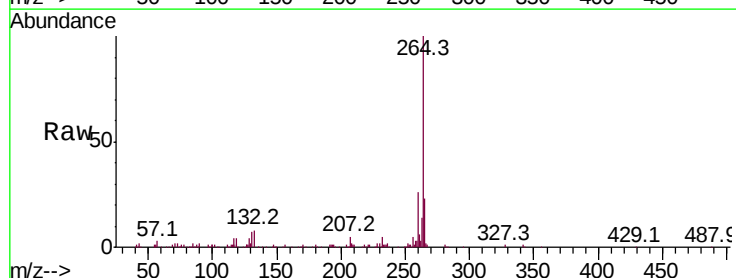
Tgt Ion:264 Resp: 214076

Ion Ratio Lower Upper

264 100

260 25.6 17.4 26.0

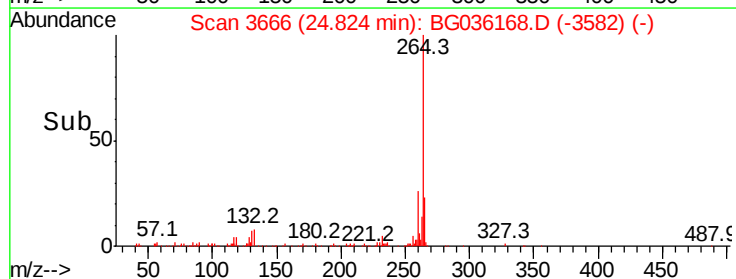
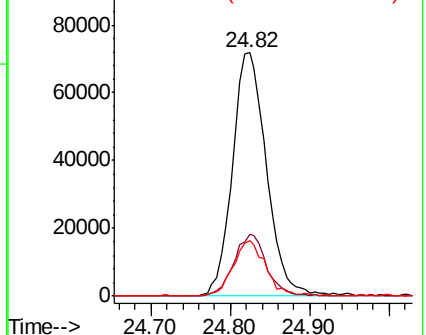
265 22.9 17.7 26.5



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: 43.114 ng

RT: 23.81 min Scan# 3494

Delta R.T. -0.03 min

Lab File: BG036168.D

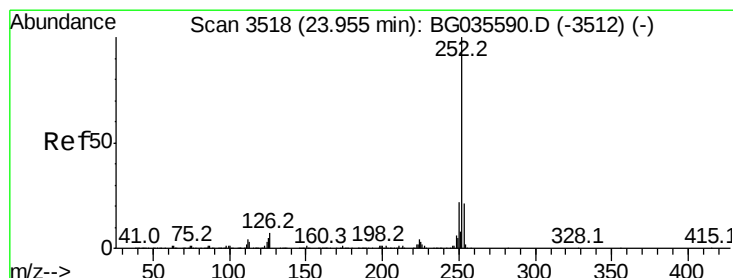
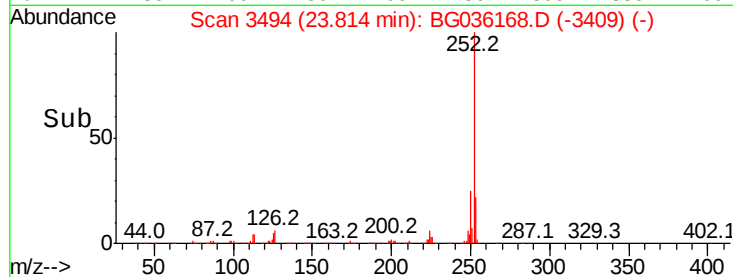
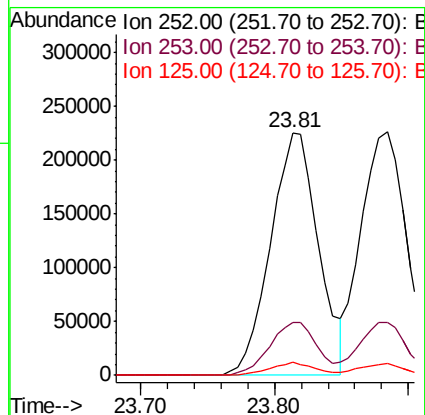
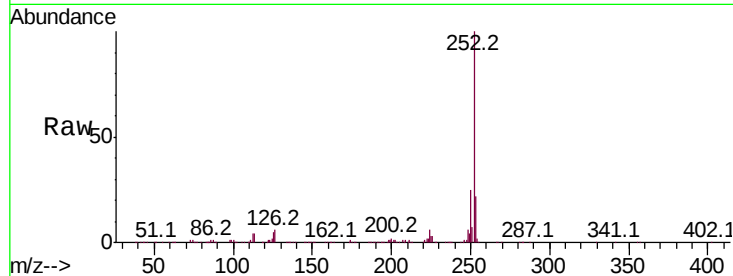
Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	560978
Ion Ratio	Lower	Upper
252	100	
253	22.0	18.2 27.4
125	5.3	7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 41.906 ng

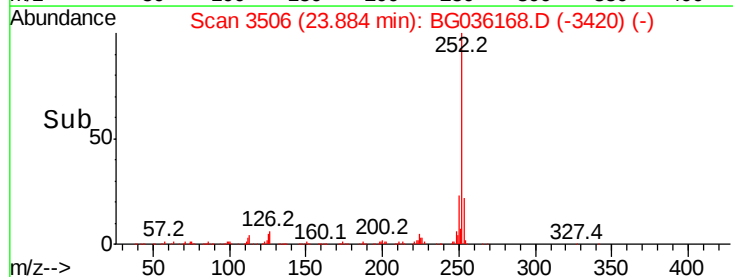
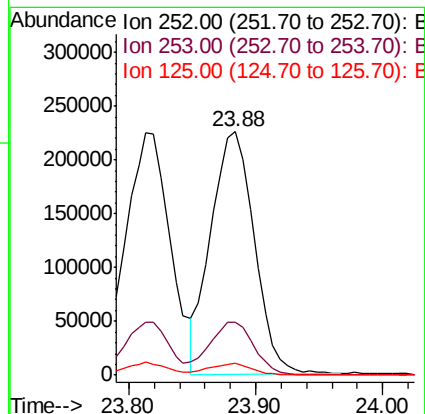
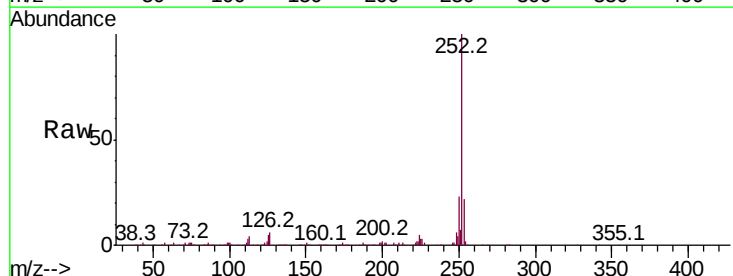
RT: 23.88 min Scan# 3506

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion:252	Resp:	533067
Ion Ratio	Lower	Upper
252	100	
253	22.0	17.4 26.2
125	4.8	6.6 9.8#





#89

Benzo(a)pyrene

Concen: 44.375 ng

RT: 24.68 min Scan# 3641

Delta R.T. -0.03 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampled :

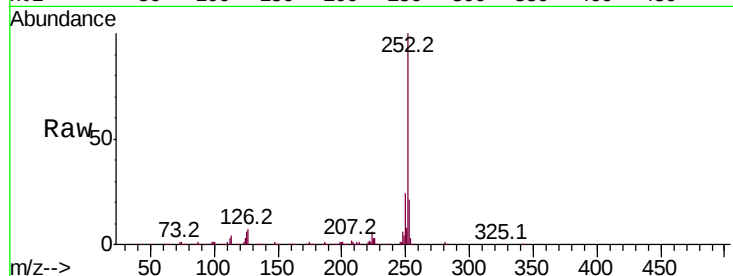
Tot Ion:252 Resp: 537149

Ion Ratio Lower Upper

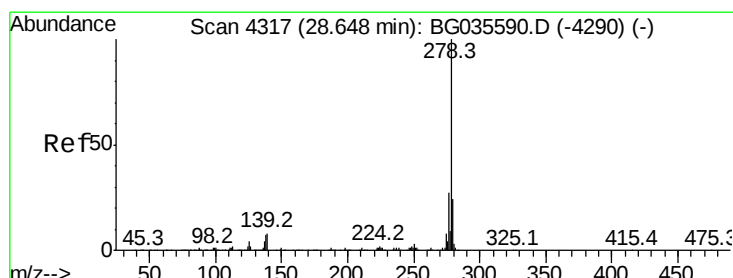
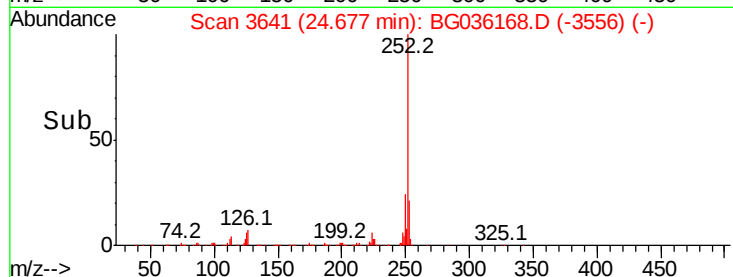
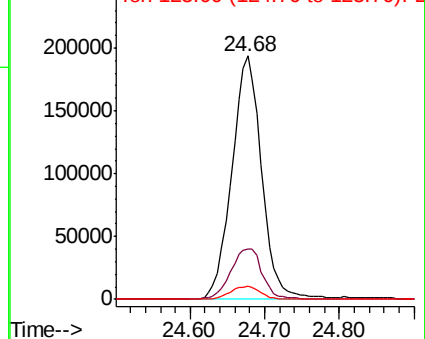
252 100

253 20.9 18.3 27.5

125 5.7 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: 41.917 ng

RT: 28.51 min Scan# 4293

Delta R.T. -0.06 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

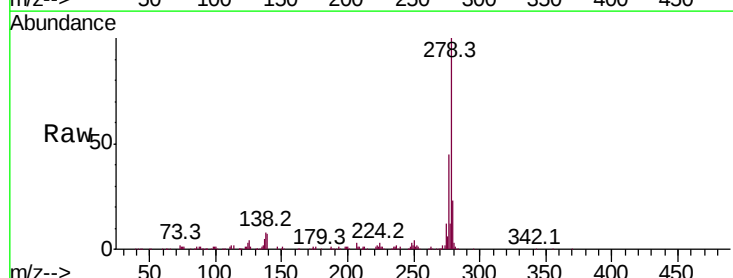
Tgt Ion:278 Resp: 498142

Ion Ratio Lower Upper

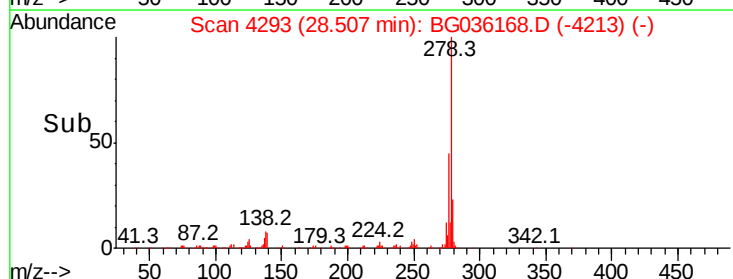
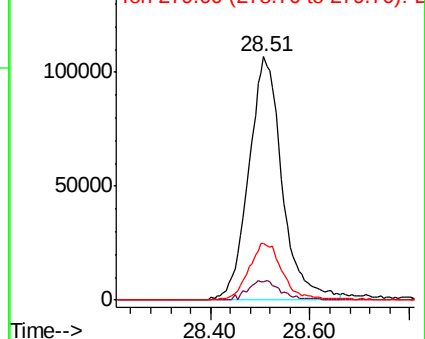
278 100

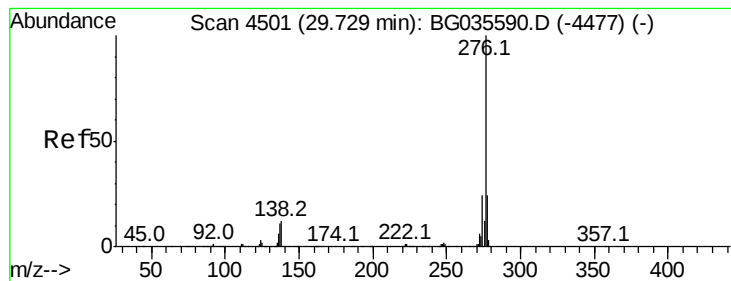
139 7.4 9.8 14.6#

279 23.5 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(a,h,i)perylene
 Concen: 44.195 ng
 RT: 29.58 min Scan# 4475
 Delta R.T. -0.06 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.3	27.5
138	10.6	13.9	20.9

