

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036250.D
 Acq On : 10 Aug 2018 2:09
 Operator : JU/SJ
 Sample : PB111863BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 04:28:17 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	30091	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	122158	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	90701	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	242542	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	259560	20.00	ng	-0.02
86) Perylene-d12	24.83	264	239201	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	254472	140.40	ng	0.00
7) Phenol-d6	7.19	99	371552	137.40	ng	0.00
23) Nitrobenzene-d5	9.17	82	245989	84.12	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	186427	155.94	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	572039	84.50	ng	-0.02
78) Terphenyl-d14	19.99	244	1094052	92.91	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	26678	28.920	ng	# 72
3) Pyridine	3.90	79	75400	31.309	ng	# 69
4) n-Nitrosodimethylamine	3.82	42	38151	36.895	ng	# 85
6) Aniline	7.34	93	114923	32.788	ng	98
8) 2-Chlorophenol	7.58	128	85429	46.344	ng	95
9) Benzaldehyde	7.15	77	44563	26.858	ng	91
10) Phenol	7.22	94	125236	45.840	ng	93
11) bis(2-Chloroethyl)ether	7.43	93	81983	38.318	ng	90
12) 1,3-Dichlorobenzene	7.90	146	93679	42.083	ng	93
13) 1,4-Dichlorobenzene	8.04	146	97405	43.066	ng	99
14) 1,2-Dichlorobenzene	8.36	146	93399	42.986	ng	94
15) Benzyl Alcohol	8.25	79	99034	40.329	ng	86
16) 2,2'-oxybis(1-Chloropropan	8.53	45	87301	48.670	ng	71
17) 2-Methylphenol	8.46	107	82186	44.246	ng	# 89
18) Hexachloroethane	9.08	117	36158	41.811	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	81356	35.727	ng	# 86
20) 3+4-Methylphenols	8.79	107	114873	44.579	ng	91
22) Acetophenone	8.84	105	145760	38.370	ng	# 90
24) Nitrobenzene	9.22	77	120569	40.998	ng	93
25) Isophorone	9.73	82	231316	42.613	ng	98
26) 2-Nitrophenol	9.93	139	51835	49.629	ng	# 90
27) 2,4-Dimethylphenol	9.99	122	89059	50.374	ng	# 83
28) bis(2-Chloroethoxy)methane	10.21	93	115839	38.727	ng	97
29) 2,4-Dichlorophenol	10.47	162	103192	51.132	ng	91
30) 1,2,4-Trichlorobenzene	10.67	180	107555	43.462	ng	97
31) Naphthalene	10.86	128	265231	41.681	ng	98
32) Benzoic acid	10.17	122	31742	26.670	ng	91
33) 4-Chloroaniline	10.97	127	64031	23.087	ng	# 93
34) Hexachlorobutadiene	11.14	225	86884	45.024	ng	99
35) Caprolactam	11.77	113	24628	28.437	ng	# 67
36) 4-Chloro-3-methylphenol	12.10	107	122731	45.369	ng	97
37) 2-Methylnaphthalene	12.46	142	210098	44.317	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	149479	43.664	ng	99
40) Hexachlorocyclopentadiene	12.81	237	172289	95.963	ng	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036250.D
 Acq On : 10 Aug 2018 2:09
 Operator : JU/SJ
 Sample : PB111863BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 04:28:17 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	96733	48.318	ng	93
43) 2,4,5-Trichlorophenol	13.16	196	105818	47.248	ng	95
45) 1,1'-Biphenyl	13.47	154	290619	41.328	ng	98
46) 2-Chloronaphthalene	13.51	162	230422	42.126	ng	99
47) 2-Nitroaniline	13.72	65	81416	42.103	ng	96
48) Acenaphthylene	14.36	152	383689	41.876	ng	97
49) Dimethylphthalate	14.09	163	325661	40.980	ng	97
50) 2,6-Dinitrotoluene	14.21	165	76333	47.170	ng	92
51) Acenaphthene	14.70	154	222924	39.057	ng	97
52) 3-Nitroaniline	14.55	138	53185	32.156	ng #	95
53) 2,4-Dinitrophenol	14.76	184	64734	77.971	ng #	75
54) Dibenzofuran	15.03	168	385438	42.461	ng	93
55) 4-Nitrophenol	14.87	139	75396	64.009	ng #	83
56) 2,4-Dinitrotoluene	15.00	165	108967	46.936	ng	90
57) Fluorene	15.68	166	321668	42.280	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.26	232	107082	49.867	ng	93
59) Diethylphthalate	15.45	149	323962	39.646	ng	96
60) 4-Chlorophenyl-phenylether	15.67	204	189637	42.409	ng	94
61) 4-Nitroaniline	15.71	138	66938	38.690	ng #	77
62) Azobenzene	15.96	77	327299	40.607	ng	98
64) 4,6-Dinitro-2-methylphenol	15.77	198	61520	45.566	ng	85
65) n-Nitrosodiphenylamine	15.89	169	282267	40.887	ng	97
66) 4-Bromophenyl-phenylether	16.57	248	128145	45.540	ng	98
67) Hexachlorobenzene	16.68	284	135094	46.620	ng	95
68) Atrazine	16.84	200	128690	45.275	ng	97
69) Pentachlorophenol	17.04	266	117287	66.451	ng	96
70) Phenanthrene	17.42	178	511954	42.302	ng	98
71) Anthracene	17.51	178	524685	43.540	ng	98
72) Carbazole	17.78	167	456715	39.907	ng	99
73) Di-n-butylphthalate	18.33	149	557135	41.196	ng #	97
74) Fluoranthene	19.43	202	674156	41.355	ng	96
76) Benzidine	19.62	184	214547	31.441	ng	99
77) Pyrene	19.79	202	676586	41.224	ng	99
79) Butylbenzylphthalate	20.67	149	245885	41.895	ng	98
80) Benzo(a)anthracene	21.62	228	673461	41.636	ng	99
81) 3,3'-Dichlorobenzidine	21.54	252	182166	32.299	ng #	99
82) Chrysene	21.69	228	632577	42.203	ng	96
83) Bis(2-ethylhexyl)phthalate	21.52	149	344671	43.197	ng #	99
84) Di-n-octyl phthalate	22.71	149	578922	43.333	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	697830	42.051	ng #	85
87) Benzo(b)fluoranthene	23.82	252	646347	44.457	ng #	96
88) Benzo(k)fluoranthene	23.89	252	616495	43.374	ng #	96
89) Benzo(a)pyrene	24.68	252	618691	45.742	ng #	97
90) Dibenzo(a,h)anthracene	28.52	278	561372	42.276	ng #	96
91) Benzo(g,h,i)perylene	29.60	276	586647	45.148	ng #	93

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

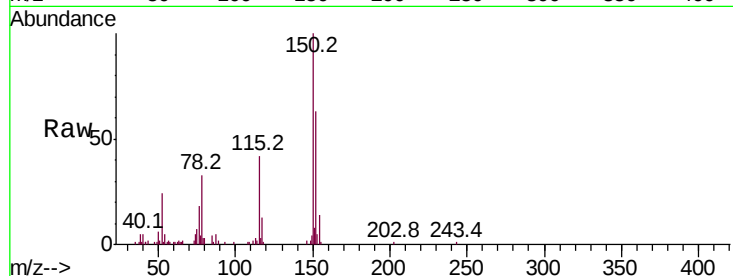


#1

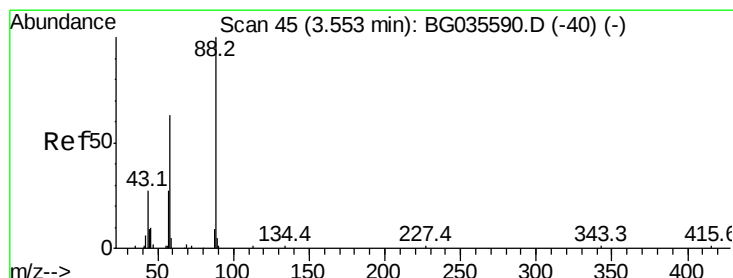
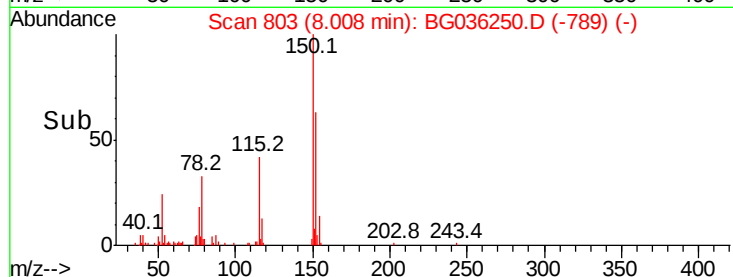
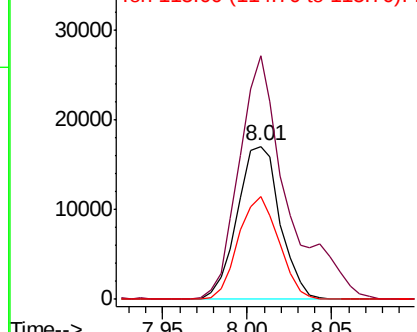
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30091
Ion Ratio Lower Upper
152 100
150 159.1 126.6 189.8
115 66.8 53.0 79.4



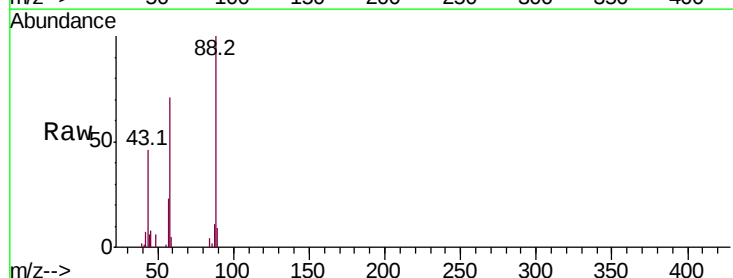
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



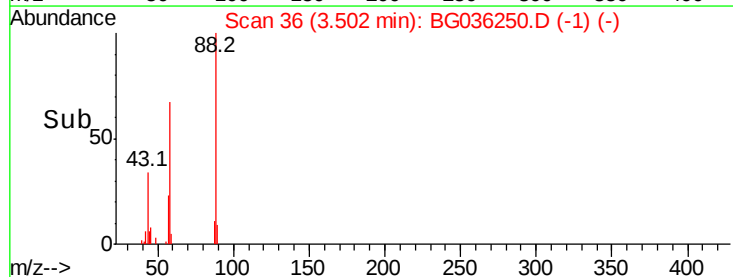
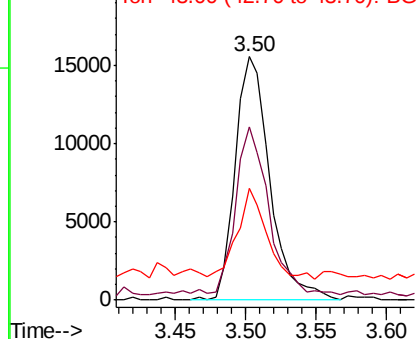
#2

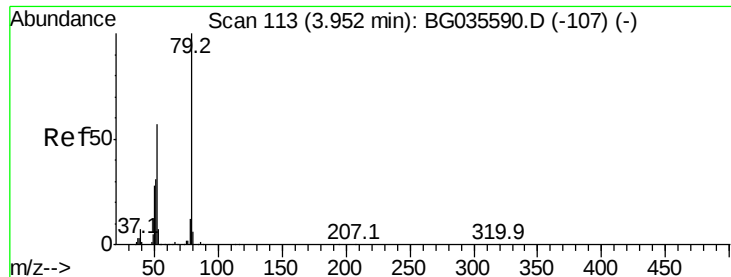
1,4-Dioxane
Concen: 28.920 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion: 88 Resp: 26678
Ion Ratio Lower Upper
88 100
58 65.1 79.6 119.4#
43 30.1 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: 31.309 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampled :

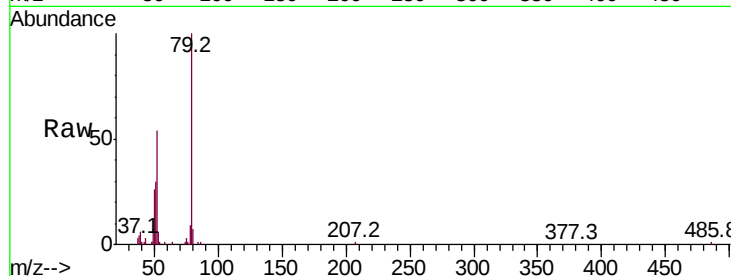
Tot Ion: 79 Resp: 75400

Ion Ratio Lower Upper

79 100

52 53.9 69.9 104.9#

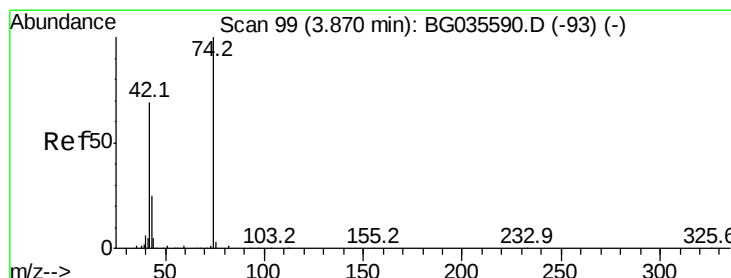
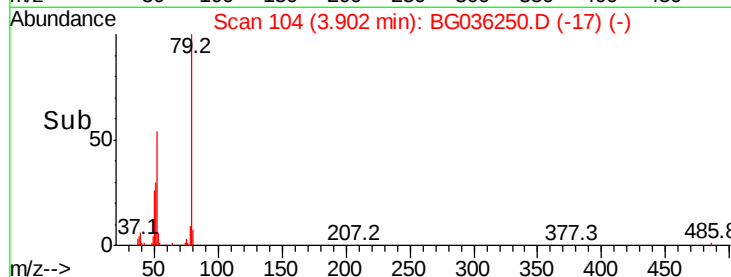
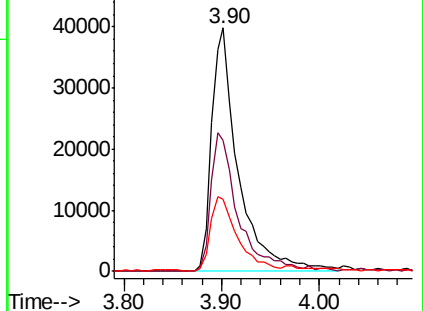
51 29.8 34.0 51.0#



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: 36.895 ng

RT: 3.82 min Scan# 90

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

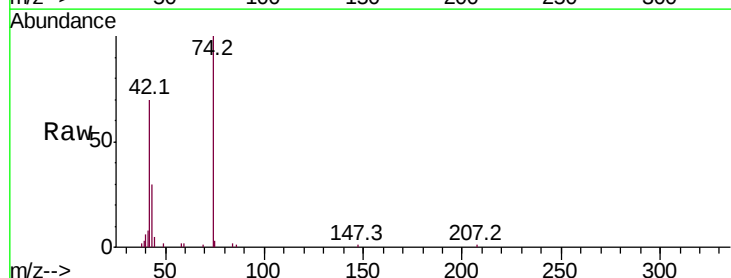
Tgt Ion: 42 Resp: 38151

Ion Ratio Lower Upper

42 100

74 141.9 102.5 153.7

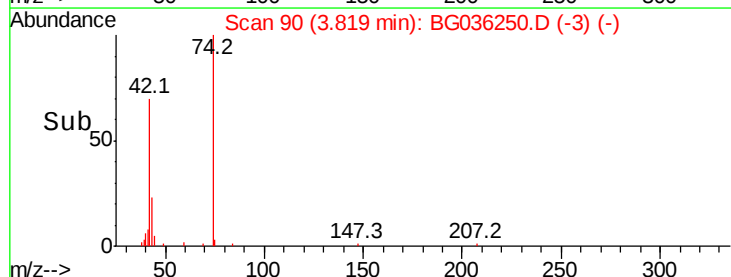
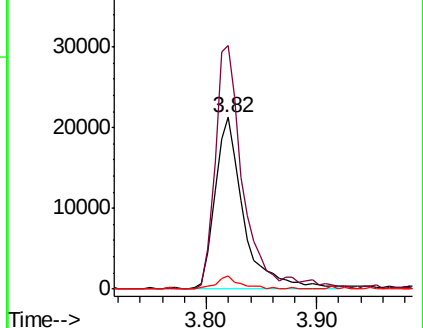
44 7.5 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 140.402 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

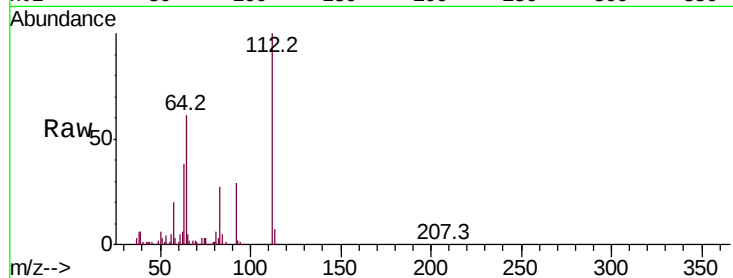
Tot Ion:112 Resp: 254472

Ion Ratio Lower Upper

112 100

64 60.7 56.3 84.5

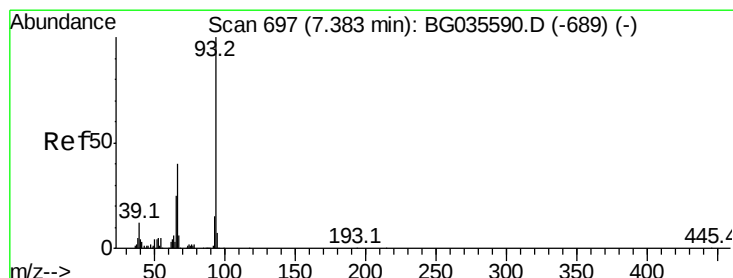
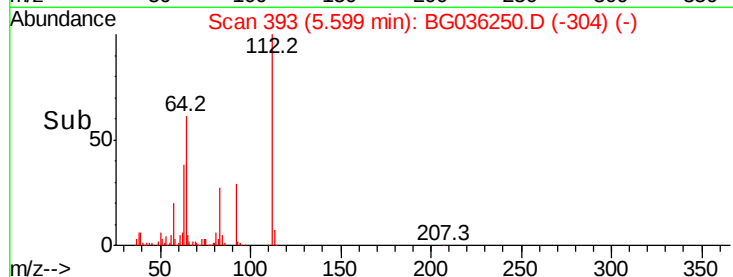
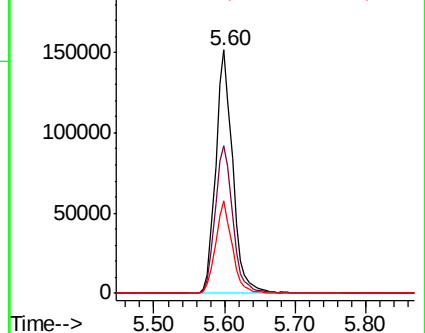
63 38.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.788 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

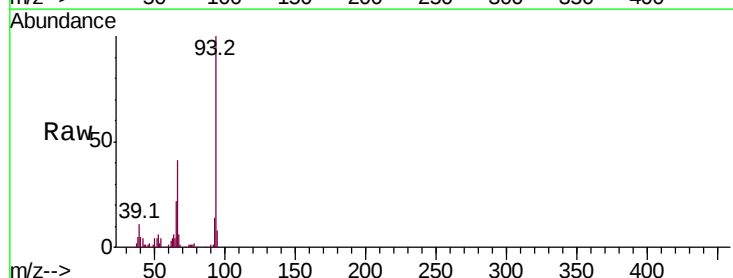
Tgt Ion: 93 Resp: 114923

Ion Ratio Lower Upper

93 100

66 41.2 33.7 50.5

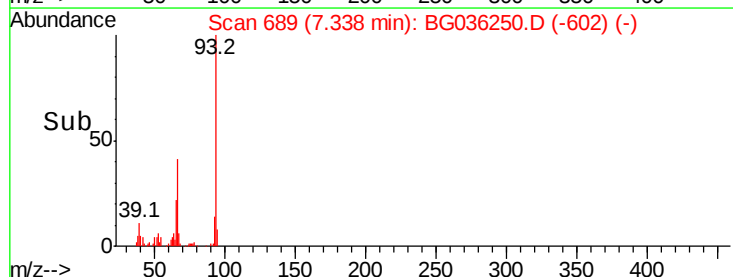
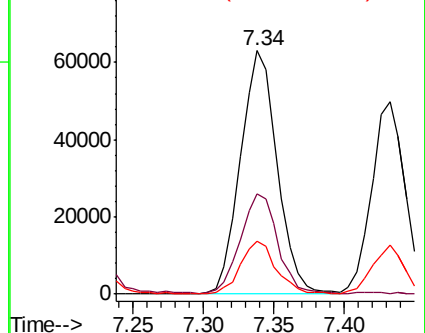
65 21.8 16.1 24.1



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: 137.400 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

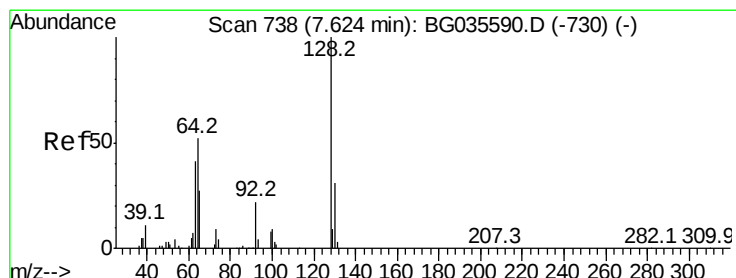
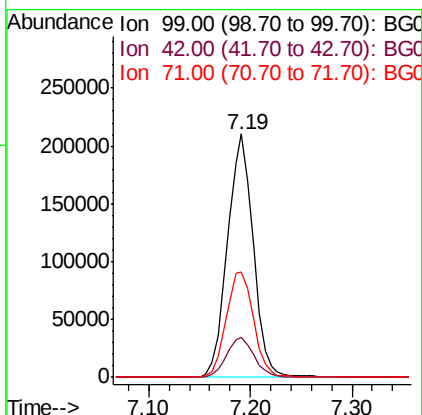
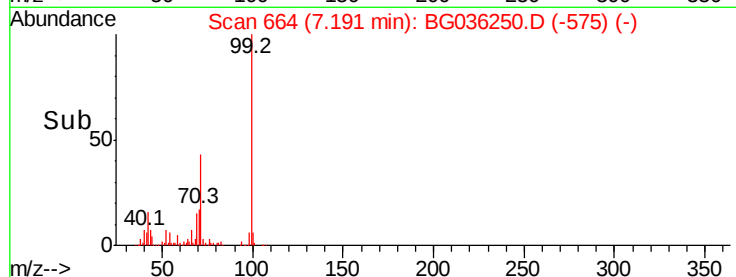
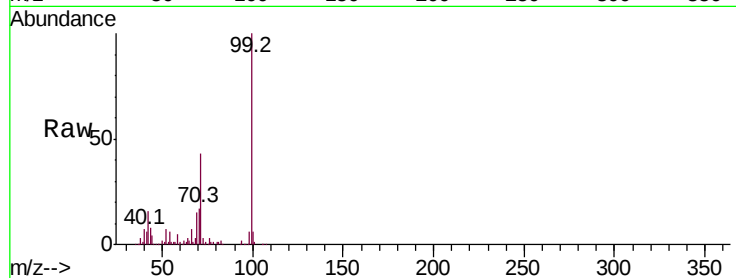
Tot Ion: 99 Resp: 371552

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 43.3 26.1 39.1#



#8

2-Chlorophenol

Concen: 46.344 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

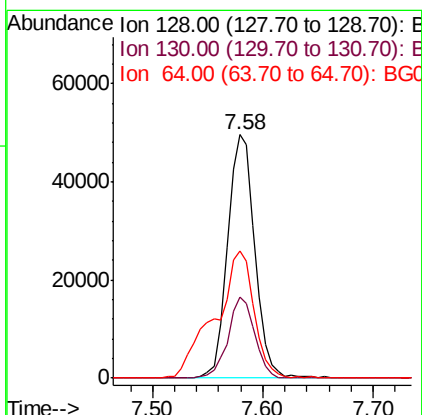
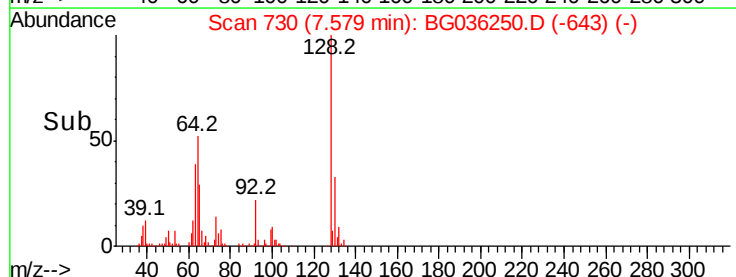
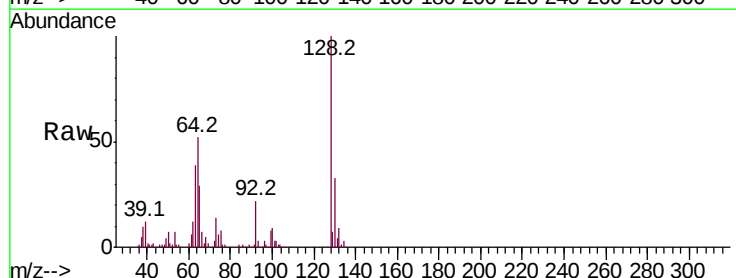
Tgt Ion: 128 Resp: 85429

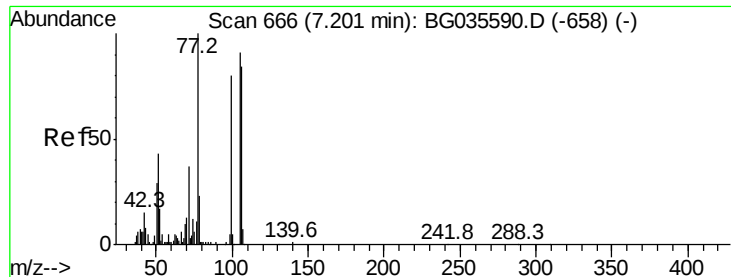
Ion Ratio Lower Upper

128 100

130 33.4 14.0 54.0

64 52.4 37.7 77.7





#9

Benzaldehyde

Concen: 26.858 ng

RT: 7.15 min Scan# 657

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

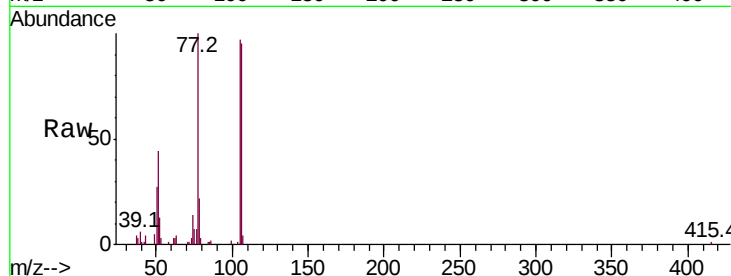
Tot Ion: 77 Resp: 44563

Ion Ratio Lower Upper

77 100

105 96.8 71.3 111.3

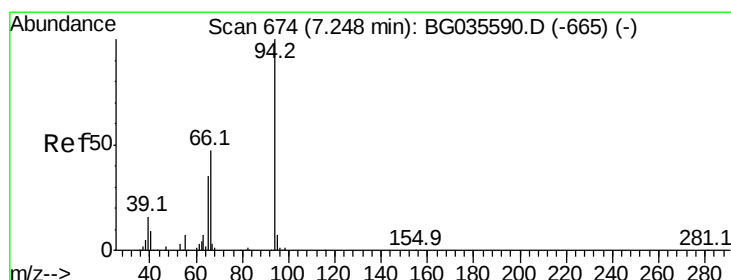
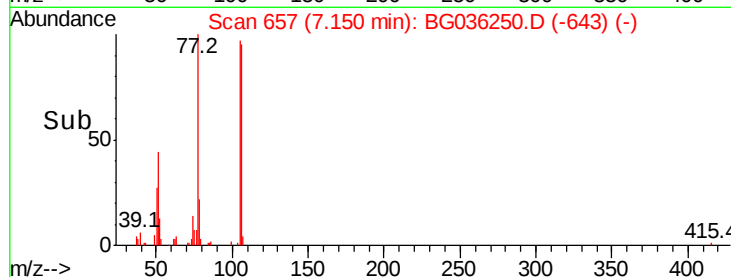
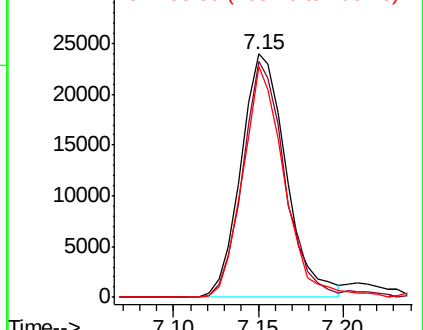
106 94.8 64.2 104.2



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: 45.840 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

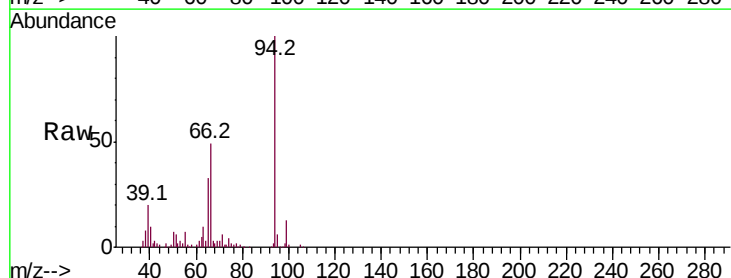
Tgt Ion: 94 Resp: 125236

Ion Ratio Lower Upper

94 100

65 33.4 11.9 51.9

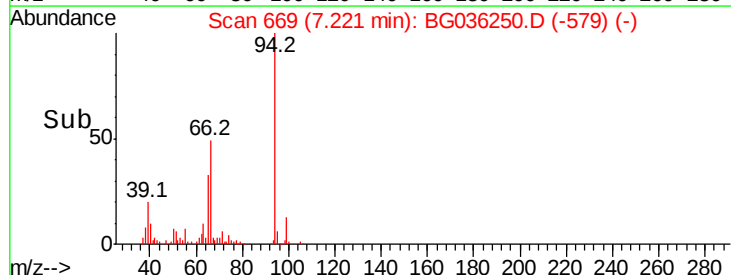
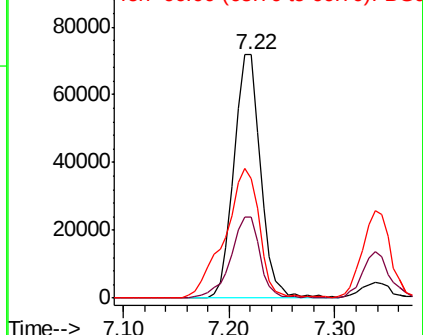
66 49.0 22.2 62.2

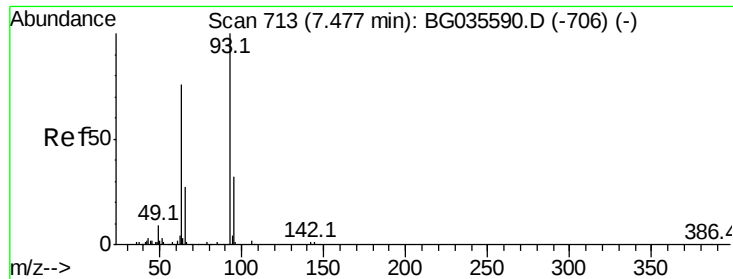


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 38.318 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

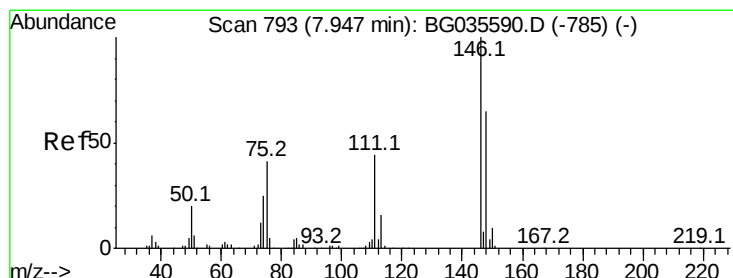
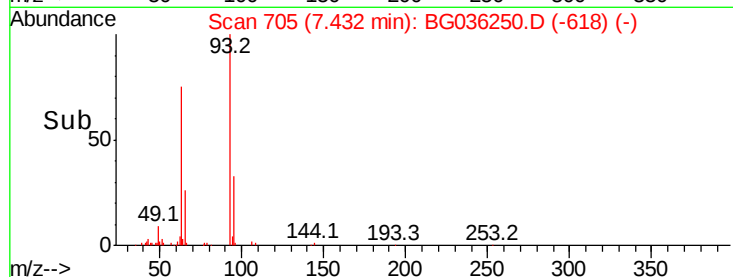
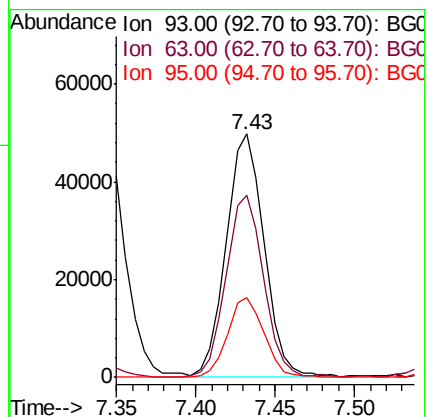
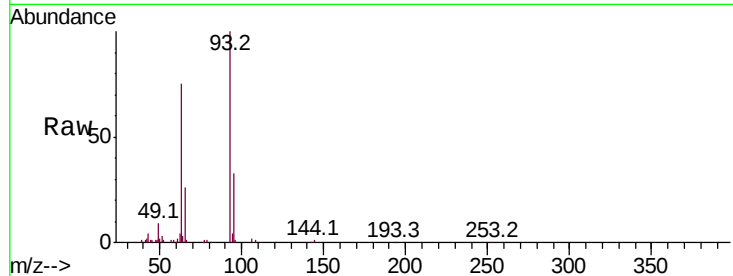
Tot Ion: 93 Resp: 81983

Ion Ratio Lower Upper

93 100

63 74.6 67.1 107.1

95 32.7 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 42.083 ng

RT: 7.90 min Scan# 784

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

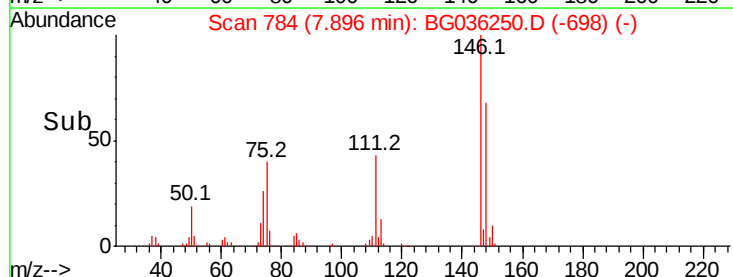
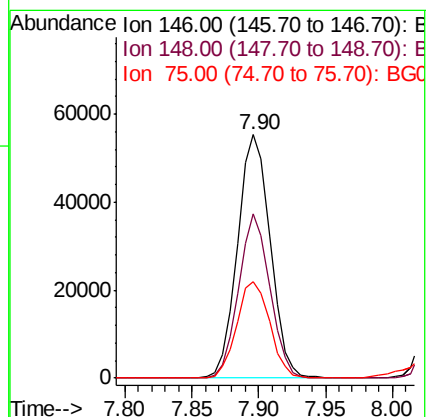
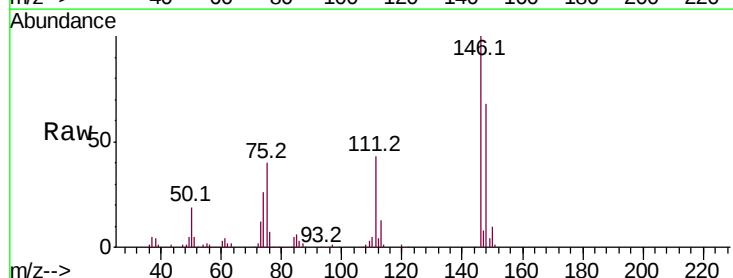
Tgt Ion: 146 Resp: 93679

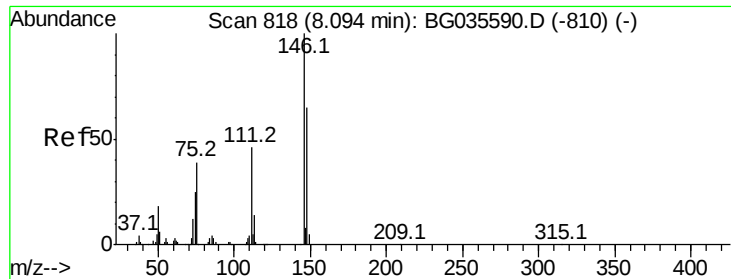
Ion Ratio Lower Upper

146 100

148 67.5 51.4 77.2

75 39.8 26.6 39.8

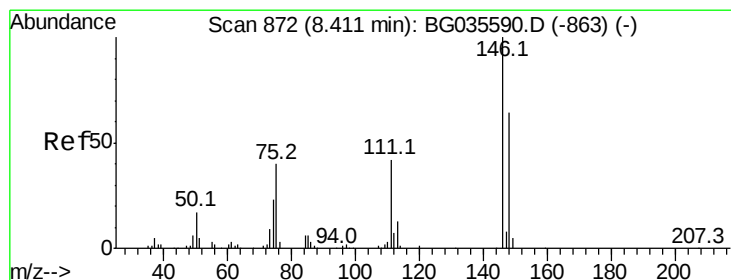
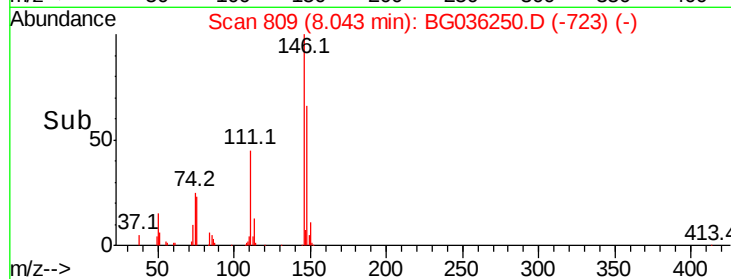
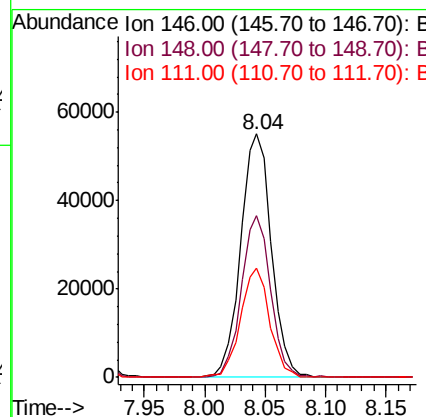
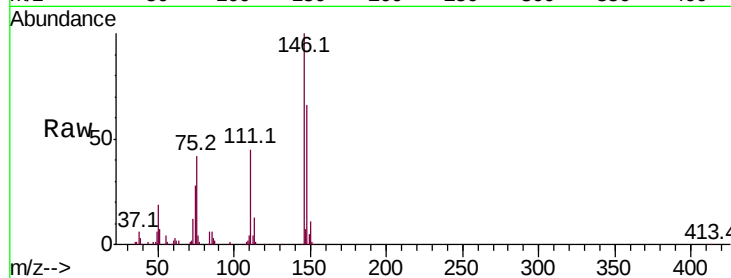




#13
 1,4-Dichlorobenzene
 Concen: 43.066 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

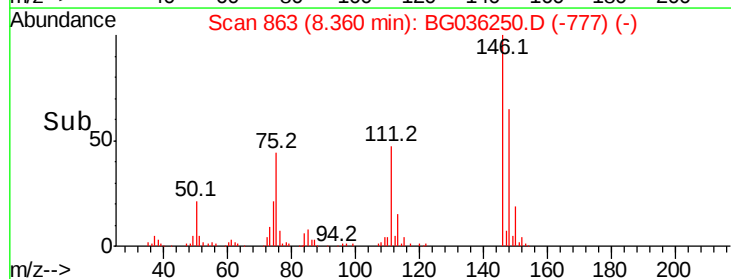
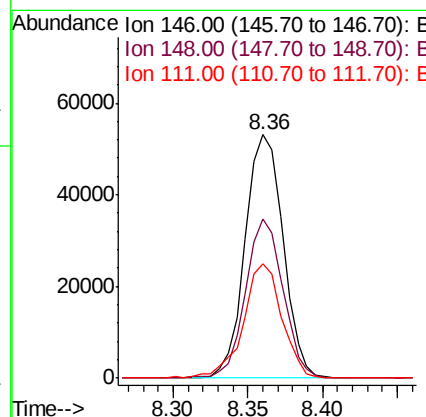
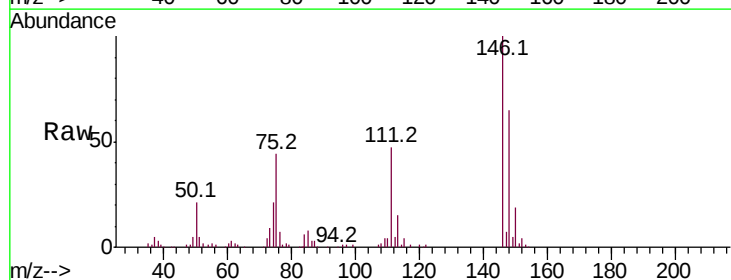
Instrument :
 BNA_G
 ClientSampleId :

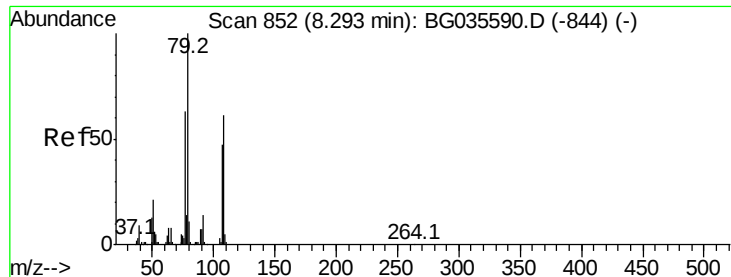
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	53.7	80.5
111	44.8	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 42.986 ng
 RT: 8.36 min Scan# 863
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.3	73.9
111	47.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 40.329 ng

RT: 8.25 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

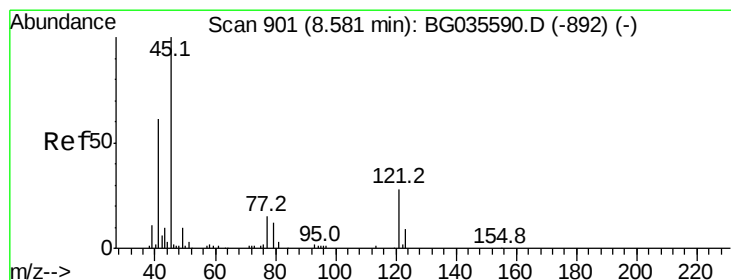
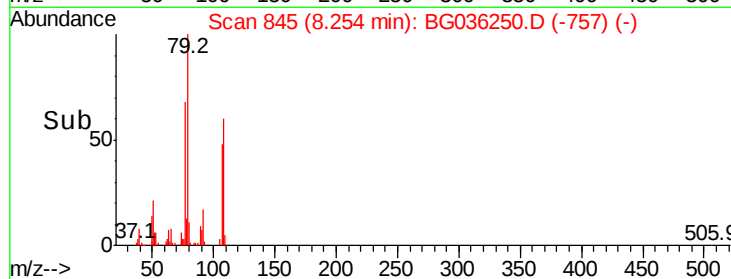
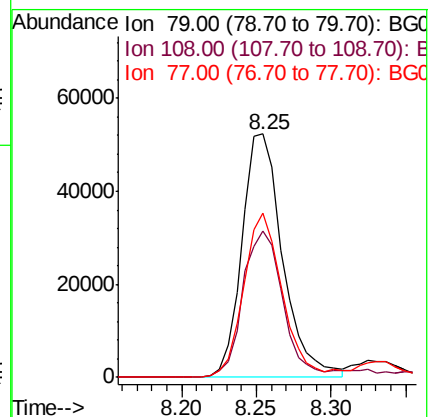
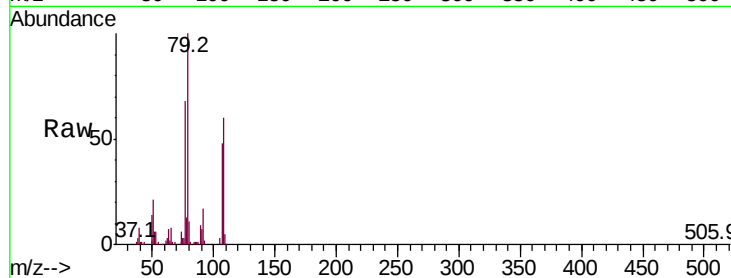
Tot Ion: 79 Resp: 99034

Ion Ratio Lower Upper

79 100

108 60.0 57.2 85.8

77 67.5 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.670 ng

RT: 8.53 min Scan# 892

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

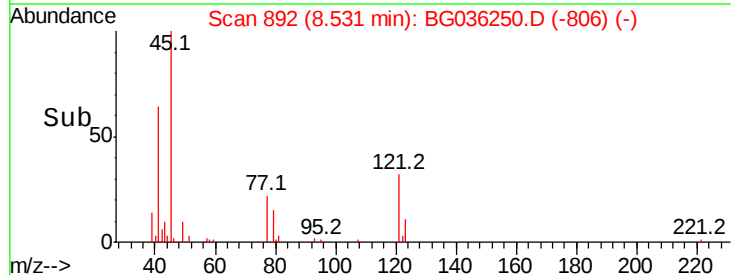
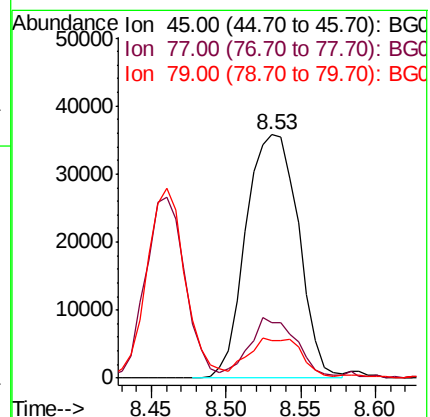
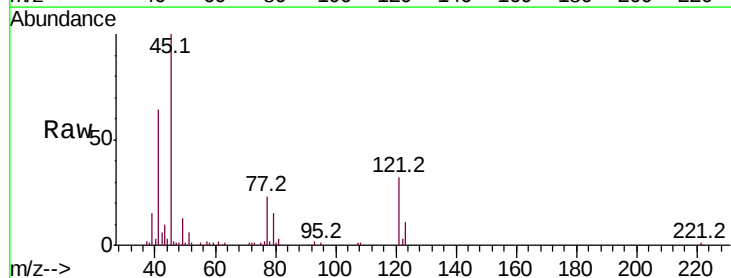
Tgt Ion: 45 Resp: 87301

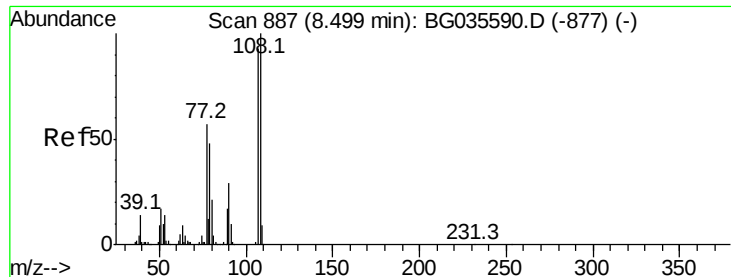
Ion Ratio Lower Upper

45 100

77 22.9 0.0 30.2

79 15.5 0.0 27.9





#17

2-Methylphenol

Concen: 44.246 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 82186

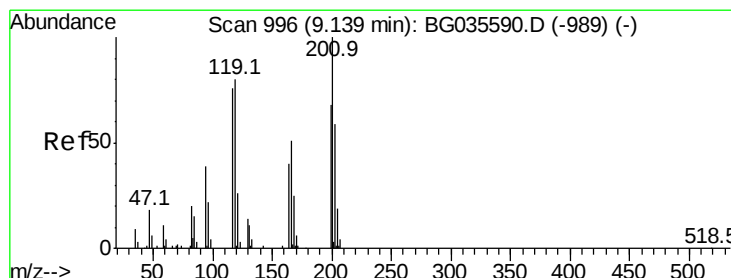
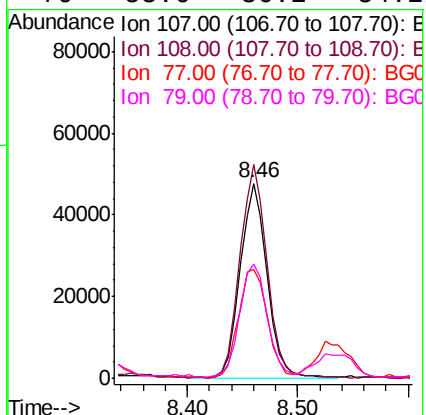
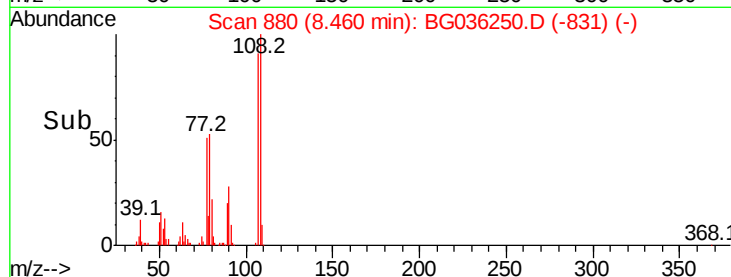
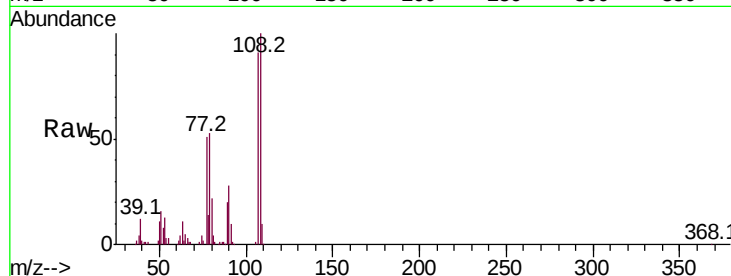
Ion Ratio Lower Upper

107 100

108 109.7 83.9 125.9

77 55.9 37.2 55.8#

79 58.6 36.2 54.2#



#18

Hexachloroethane

Concen: 41.811 ng

RT: 9.08 min Scan# 986

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

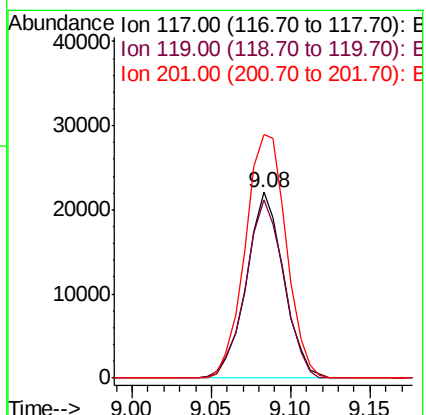
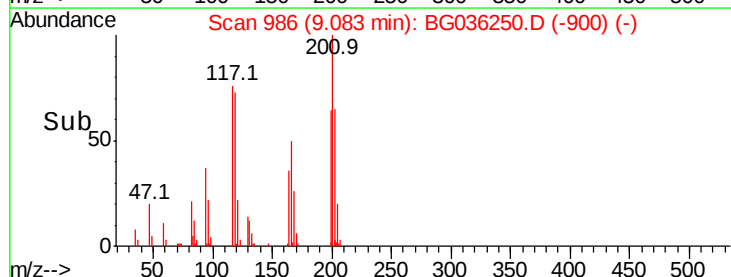
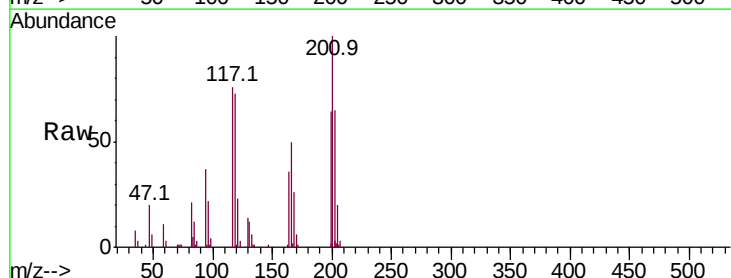
Tgt Ion:117 Resp: 36158

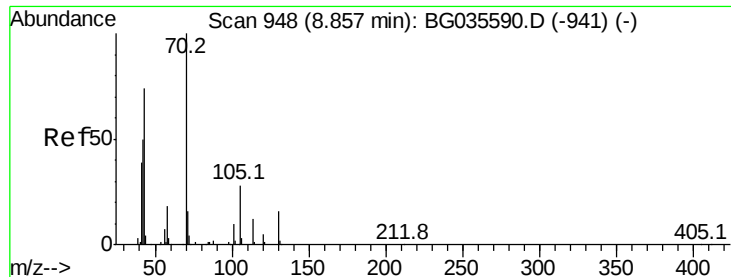
Ion Ratio Lower Upper

117 100

119 96.0 76.7 115.1

201 131.1 95.7 143.5

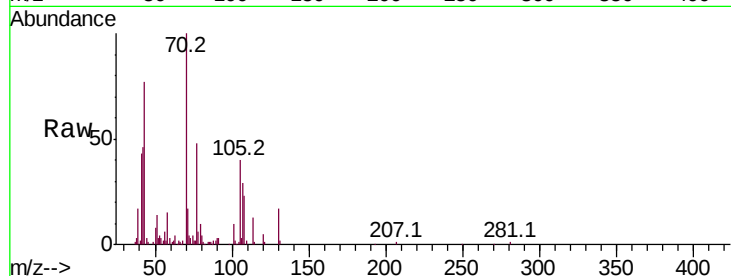




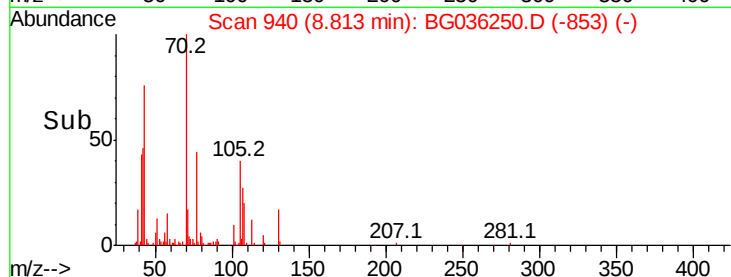
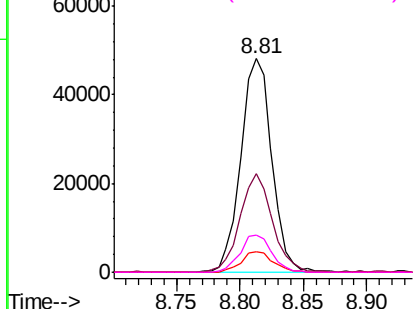
#19
n-Nitroso-di-n-propylamine
Concen: 35.727 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 81356
Ion Ratio Lower Upper
70 100
42 46.3 49.1 73.7#
101 9.8 8.5 12.7
130 17.3 13.4 20.0



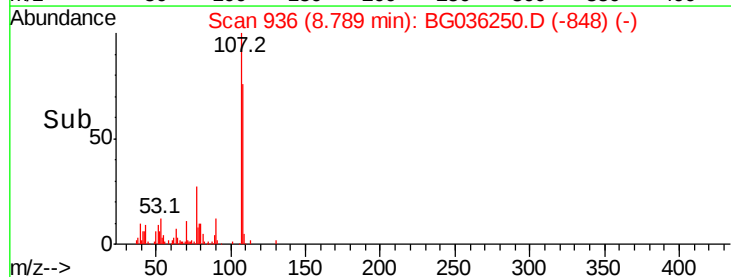
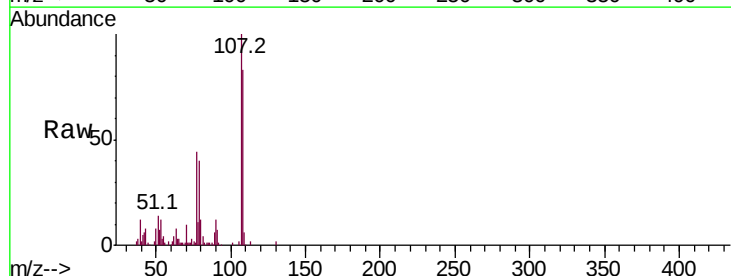
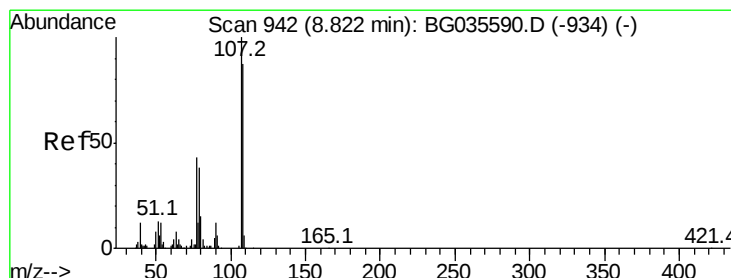
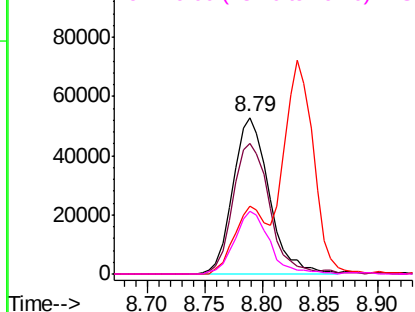
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

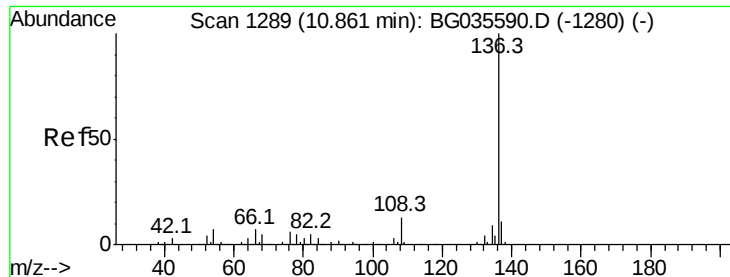


#20
3+4-Methylphenols
Concen: 44.579 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion: 107 Resp: 114873
Ion Ratio Lower Upper
107 100
108 83.1 61.6 101.6
77 43.6 13.9 53.9
79 40.1 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

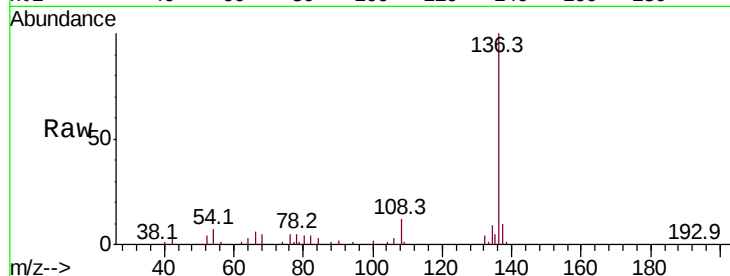




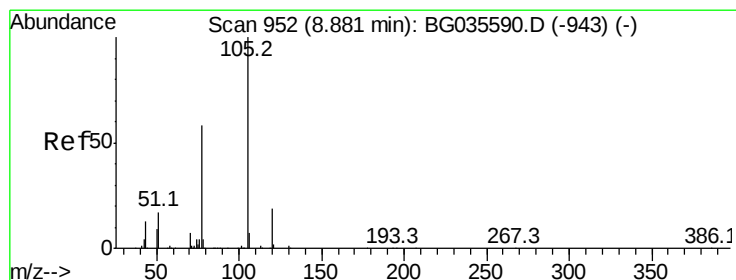
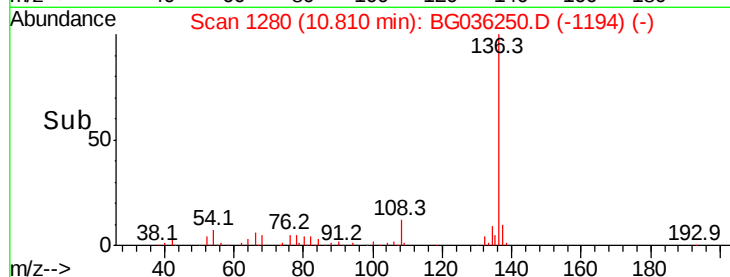
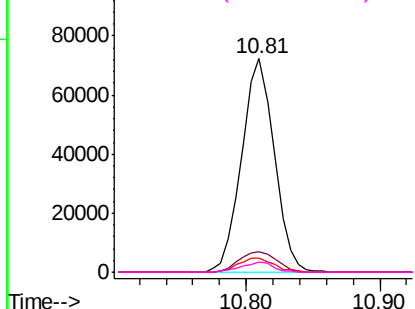
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	122158
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	6.7	10.3	15.5#
68	5.0	4.5	6.7

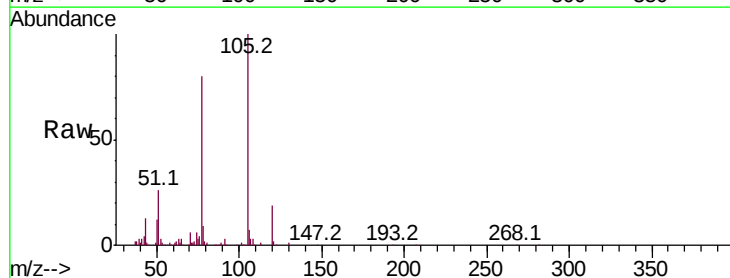


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

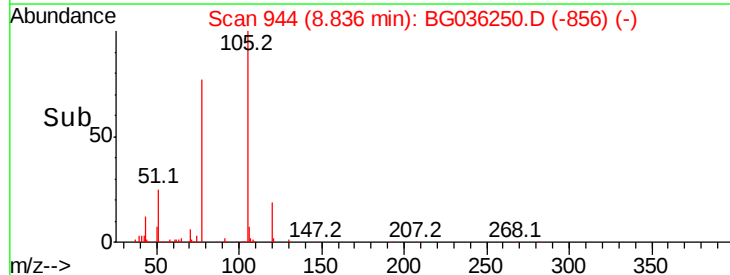
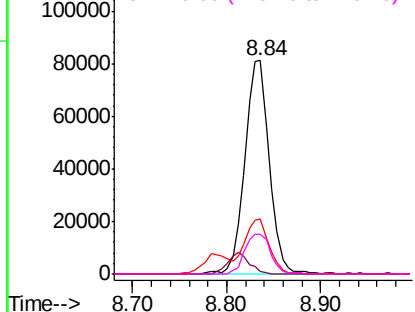


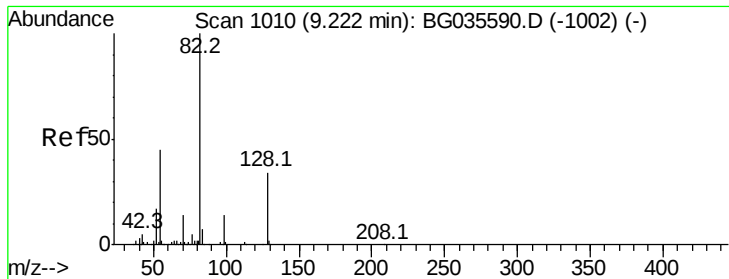
#22
Acetophenone
Concen: 38.370 ng
RT: 8.84 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion:	105	Resp:	145760
Ion	Ratio	Lower	Upper
105	100		
71	1.0	3.0	4.4#
51	26.0	26.1	39.1#
120	18.7	17.4	26.2



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

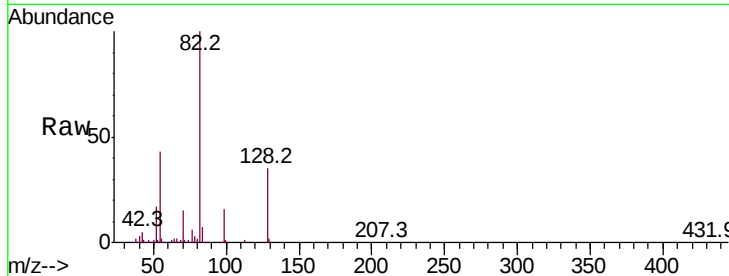




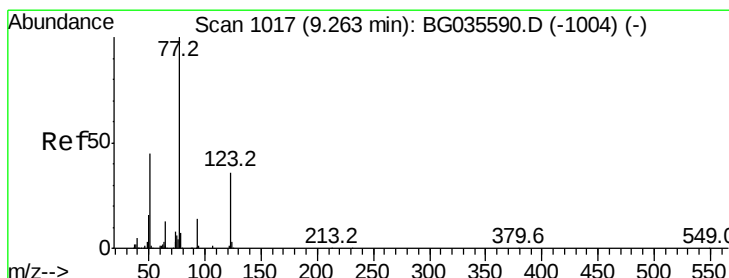
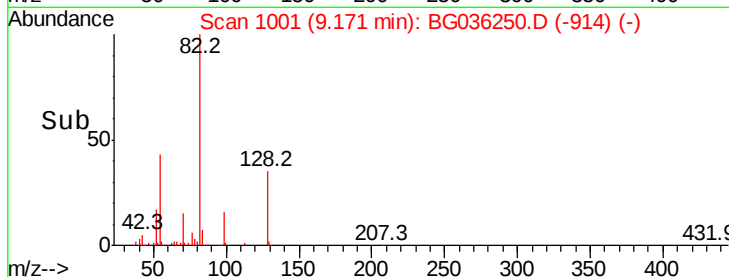
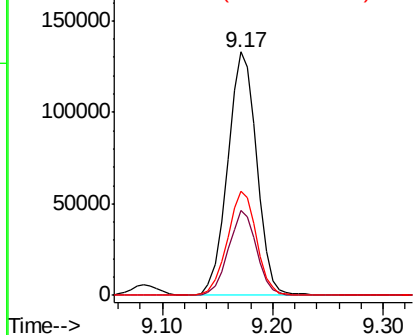
#23
 Nitrobenzene-d5
 Concen: 84.122 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	42.9	43.1	64.7#

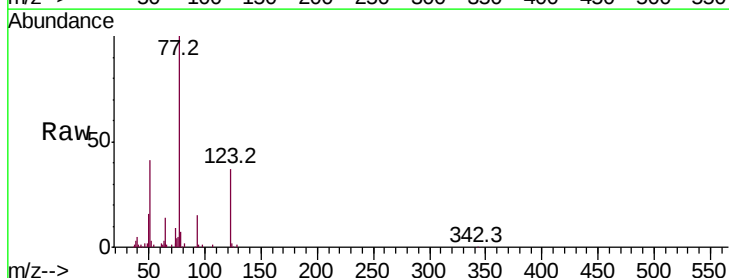


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

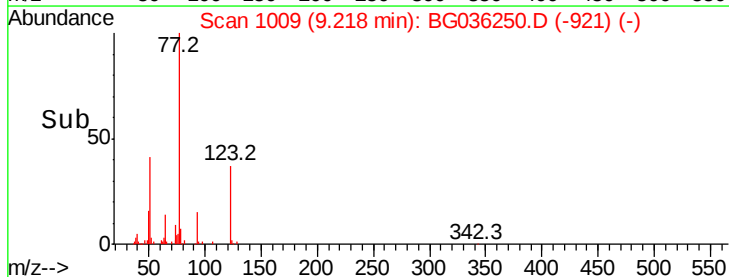
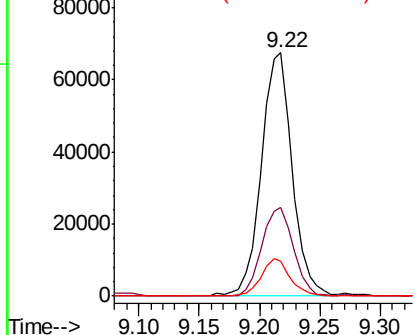


#24
 Nitrobenzene
 Concen: 40.998 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.6	33.0	49.6
65	14.1	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: 42.613 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

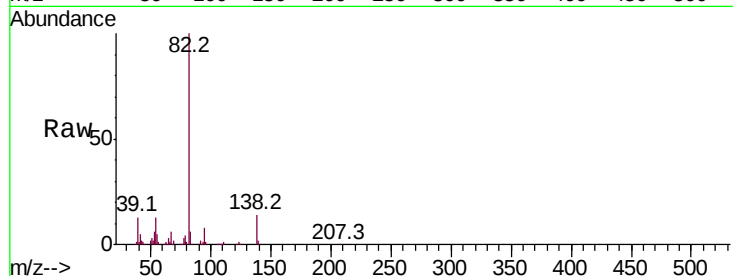
Tot Ion: 82 Resp: 231316

Ion Ratio Lower Upper

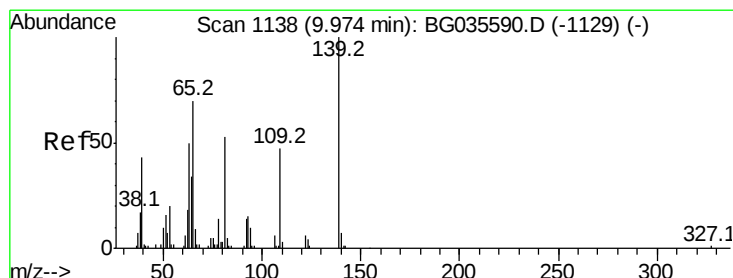
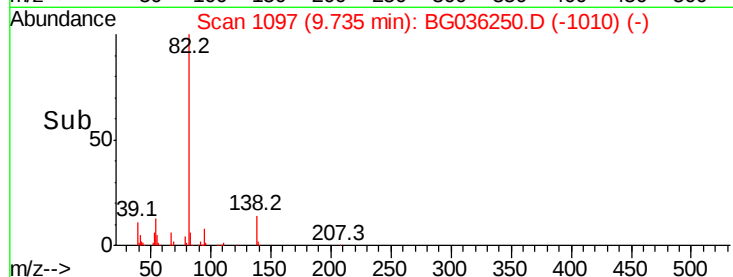
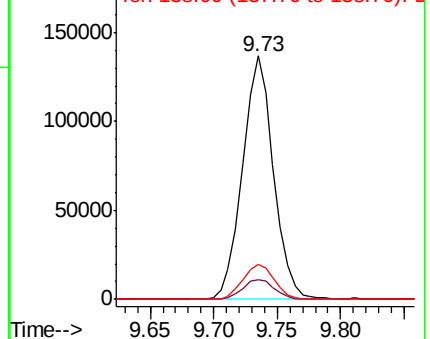
82 100

95 8.1 6.2 9.2

138 14.3 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: 49.629 ng

RT: 9.93 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

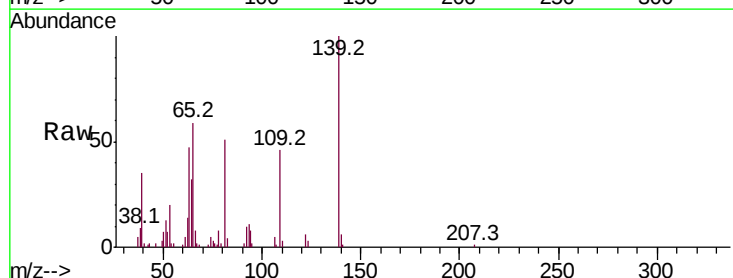
Tgt Ion: 139 Resp: 51835

Ion Ratio Lower Upper

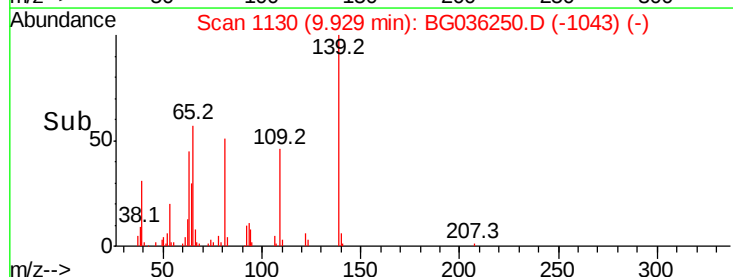
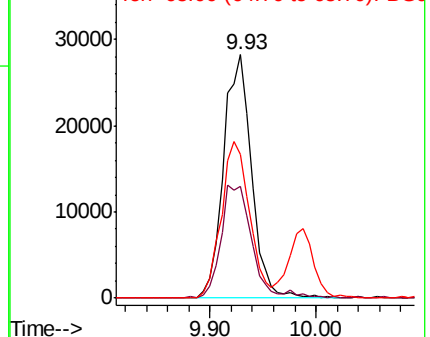
139 100

109 45.7 24.2 36.2#

65 59.1 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: 50.374 ng

RT: 9.99 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

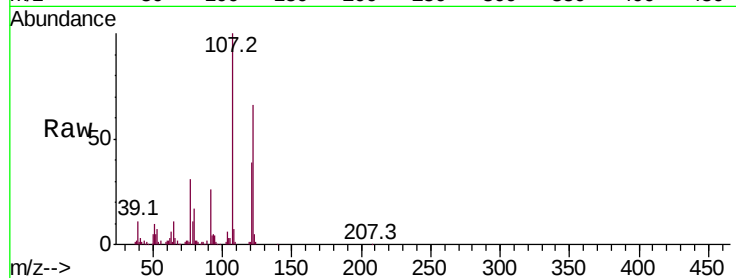
Tot Ion:122 Resp: 89059

Ion Ratio Lower Upper

122 100

107 150.6 100.2 150.2#

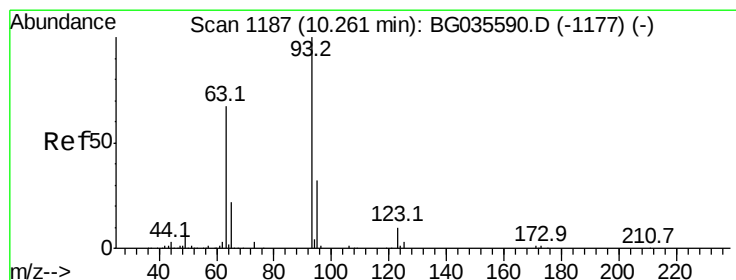
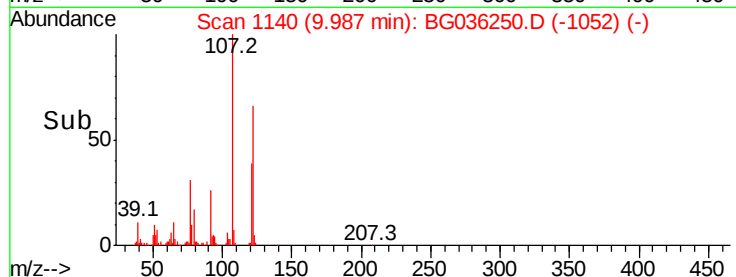
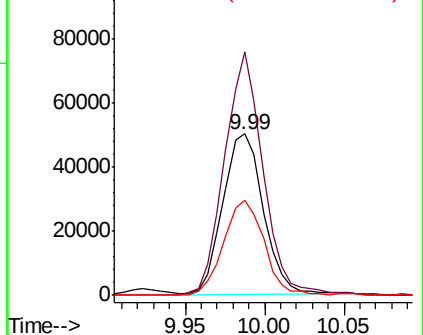
121 58.9 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.727 ng

RT: 10.21 min Scan# 1178

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

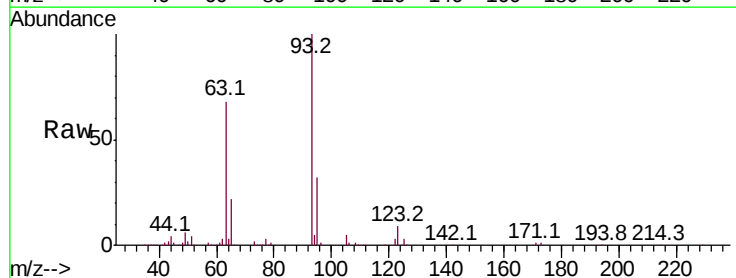
Tgt Ion: 93 Resp: 115839

Ion Ratio Lower Upper

93 100

95 32.1 24.3 36.5

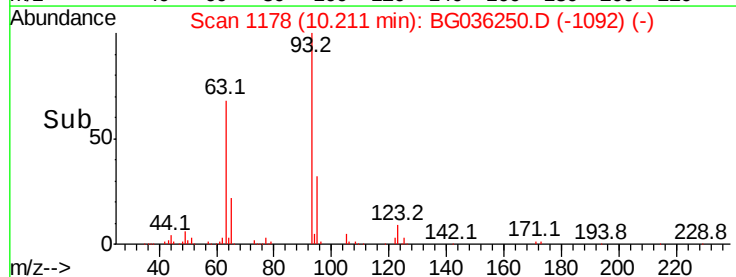
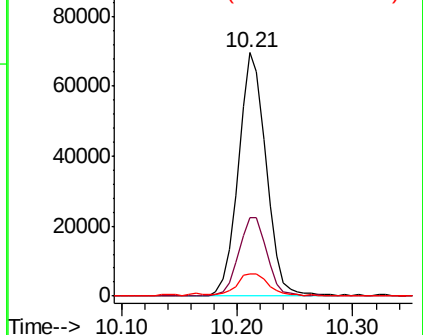
123 9.3 8.4 12.6

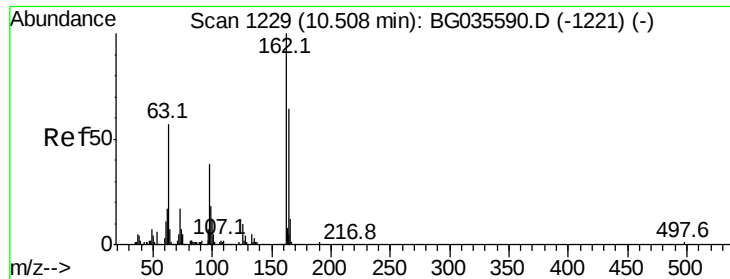


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.132 ng

RT: 10.47 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

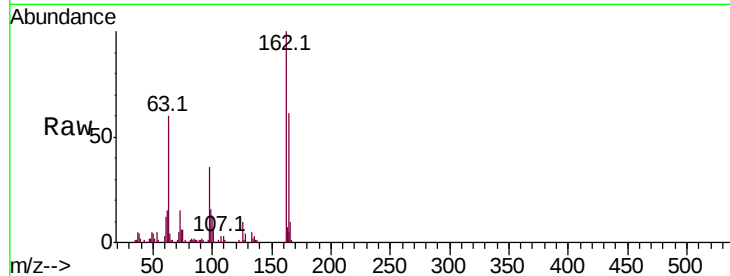
Tot Ion:162 Resp: 103192

Ion Ratio Lower Upper

162 100

164 60.7 48.0 88.0

98 35.7 21.1 61.1

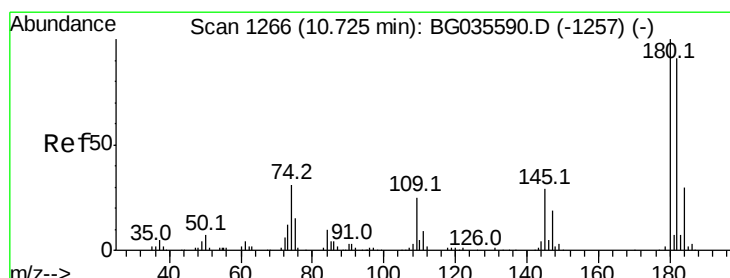
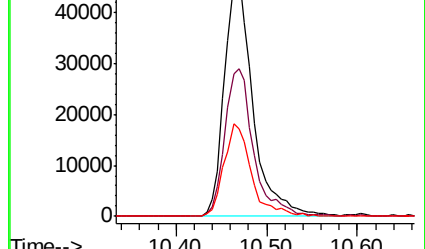
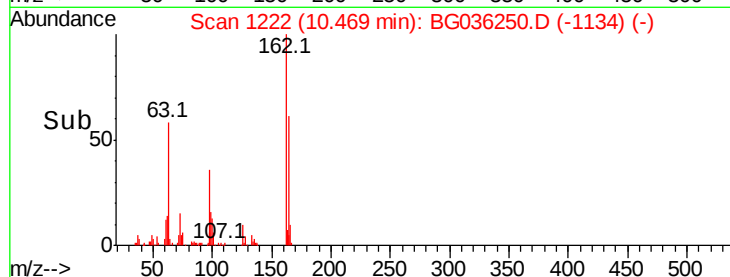


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 43.462 ng

RT: 10.67 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

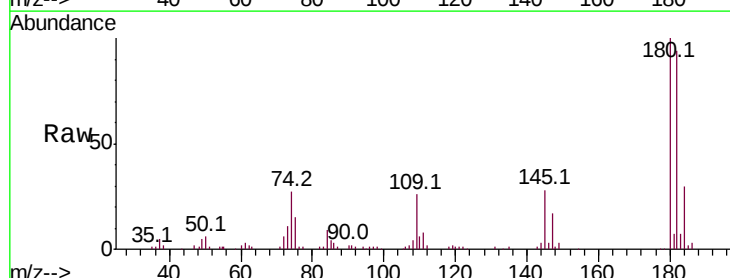
Tgt Ion:180 Resp: 107555

Ion Ratio Lower Upper

180 100

182 93.8 77.5 116.3

145 28.3 23.4 35.2

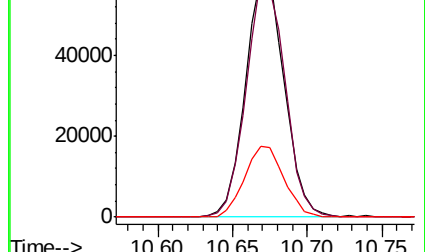
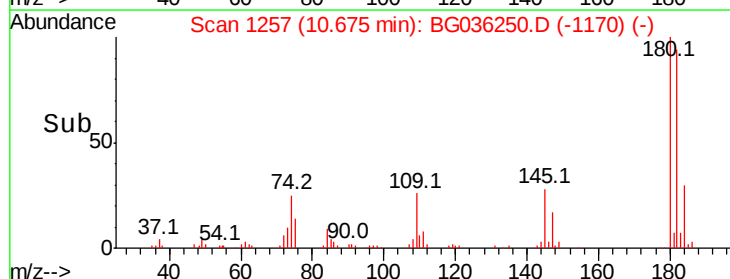


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->

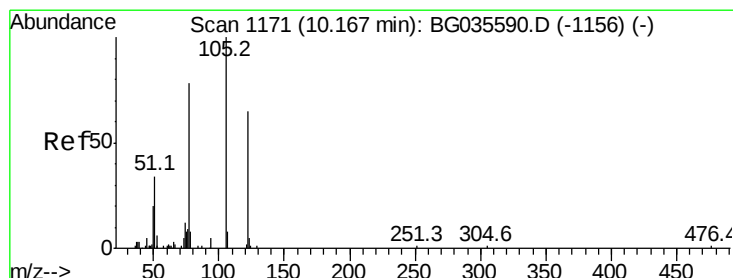
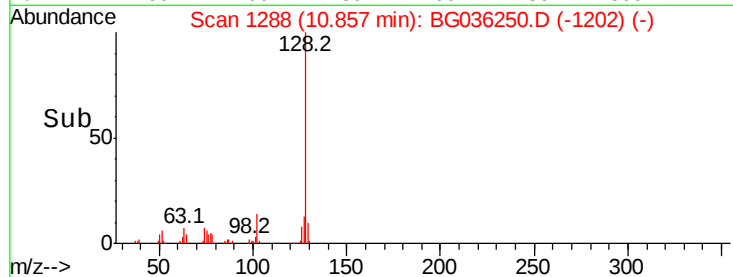
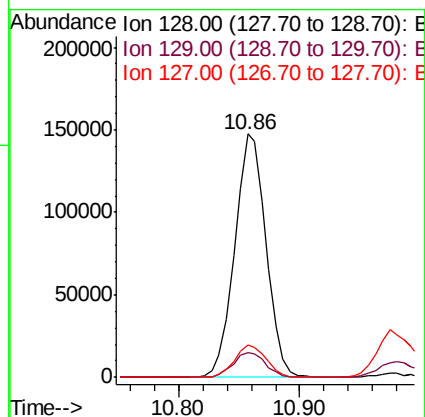
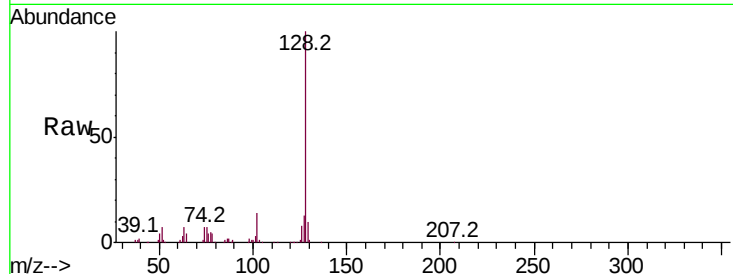




#31
Naphthalene
Concen: 41.681 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

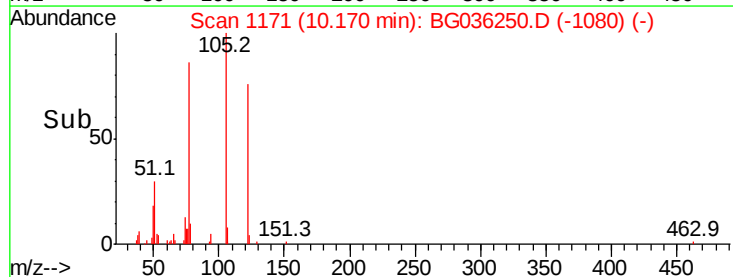
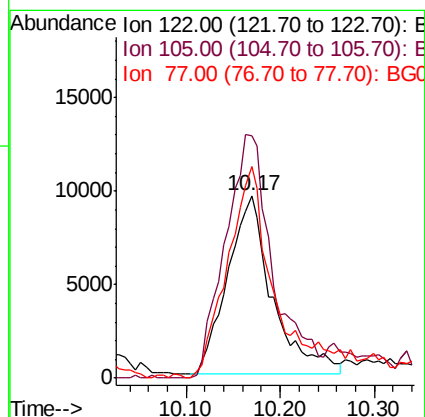
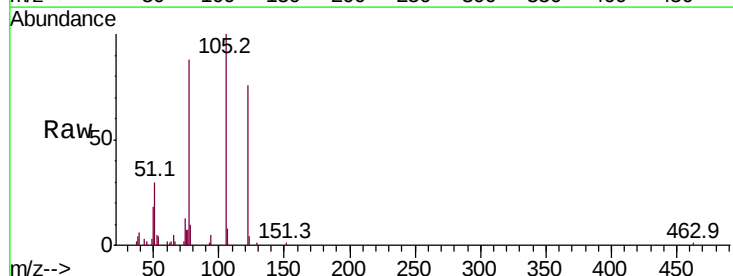
Instrument :
BNA_G
ClientSampleId :

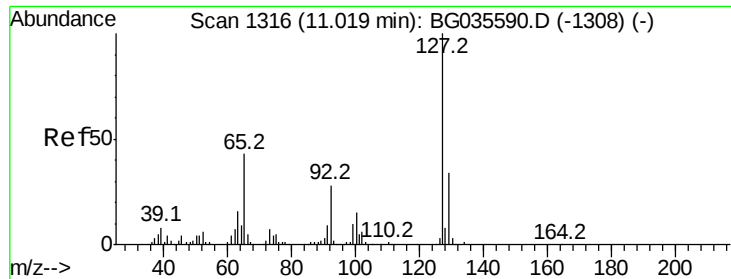
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	13.1	11.6	17.4



#32
Benzoic acid
Concen: 26.670 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.4	123.5	163.5
77	116.0	85.7	125.7

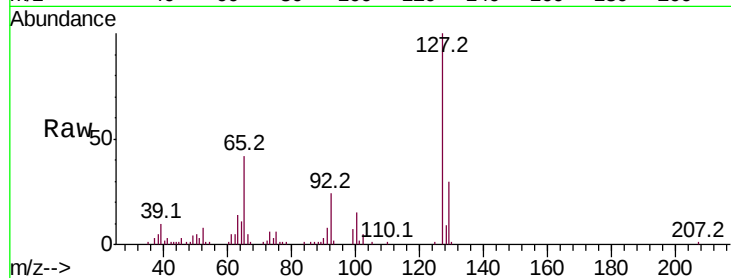




#33
4-Chloroaniline
Concen: 23.087 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	64031
Ion	Ratio	Lower	Upper
127	100		
129	29.8	24.0	36.0
65	41.8	27.0	40.4#
92	23.9	16.6	25.0



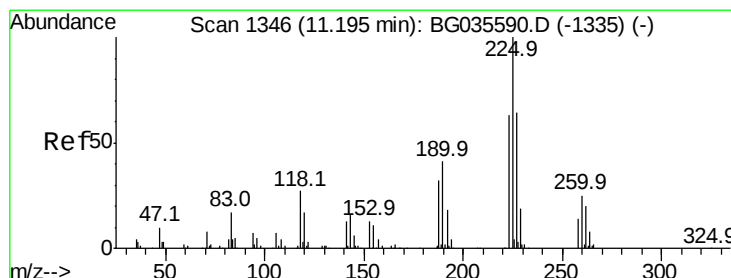
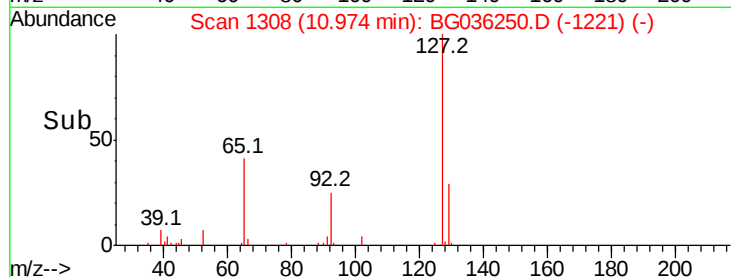
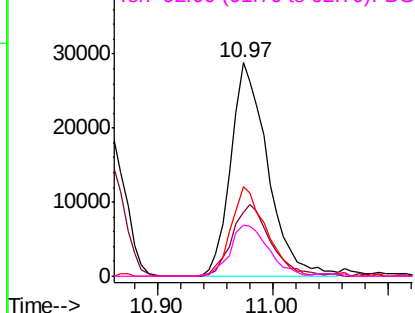
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

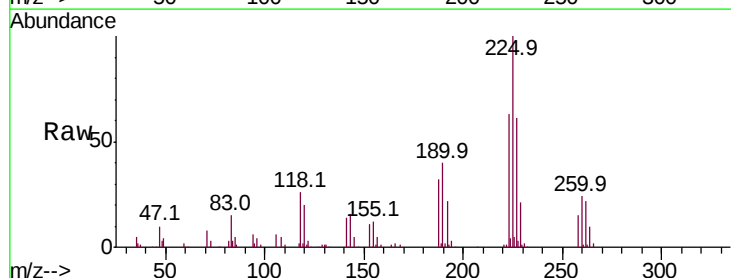
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 45.024 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion:	225	Resp:	86884
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.7	74.5
227	60.6	48.1	72.1

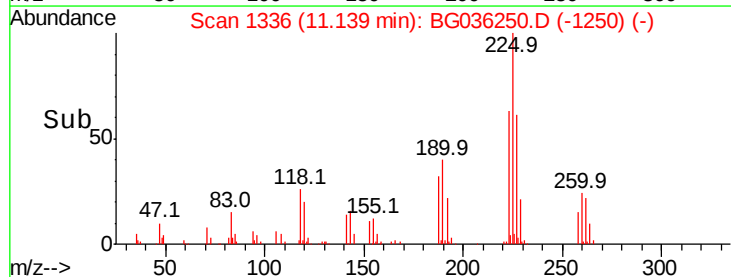
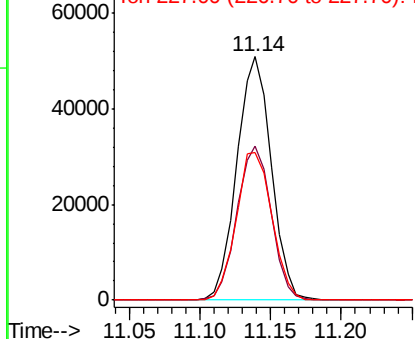


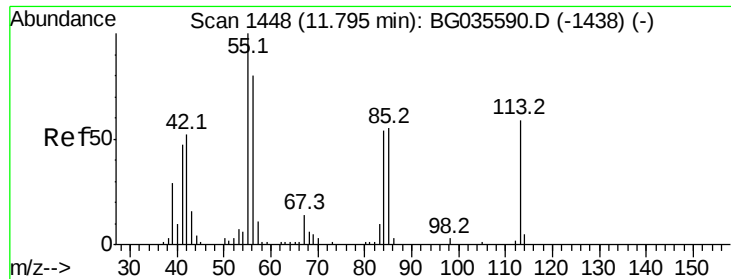
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.437 ng

RT: 11.77 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

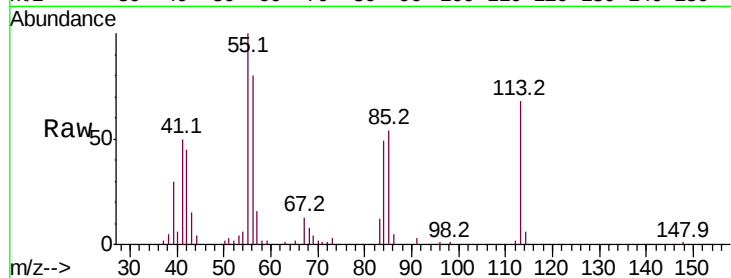
Tot Ion:113 Resp: 24628

Ion Ratio Lower Upper

113 100

55 147.3 186.9 226.9#

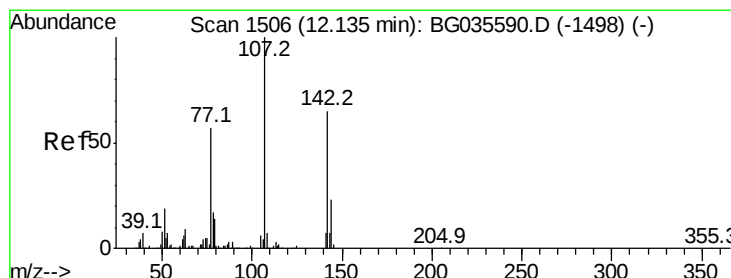
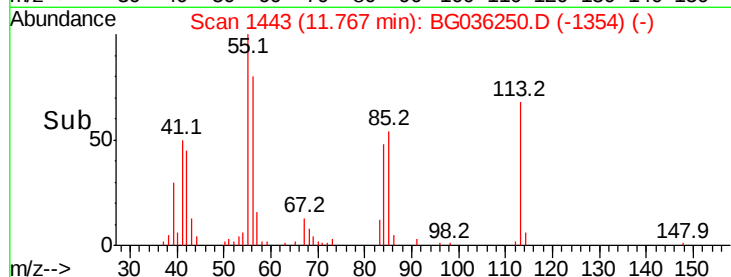
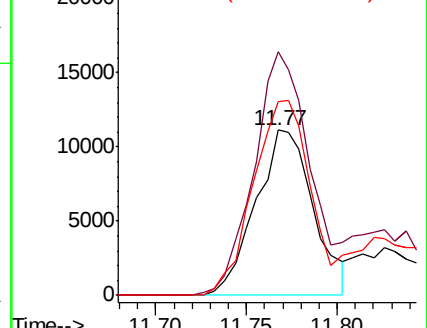
56 117.5 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.369 ng

RT: 12.10 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

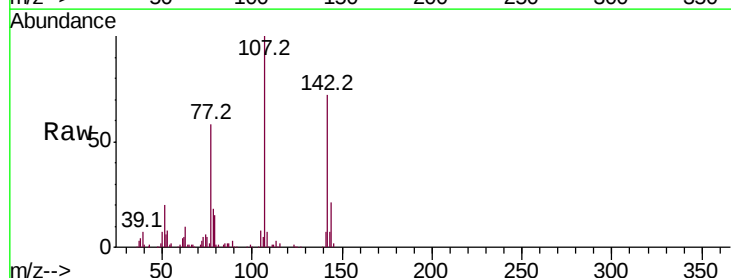
Tgt Ion:107 Resp: 122731

Ion Ratio Lower Upper

107 100

144 20.6 18.2 27.4

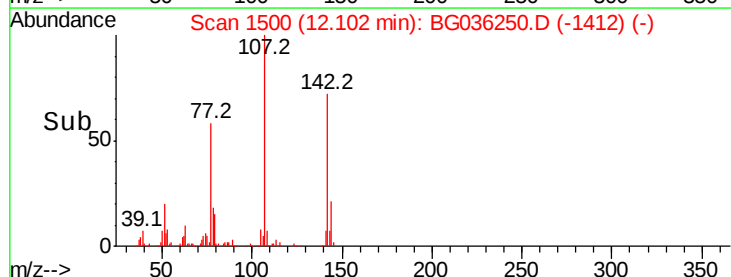
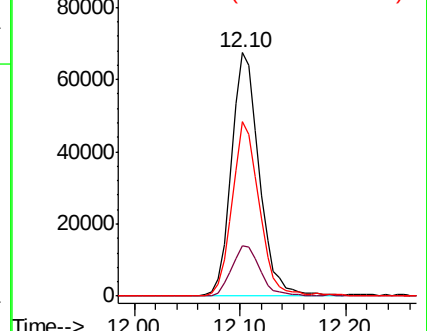
142 71.6 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

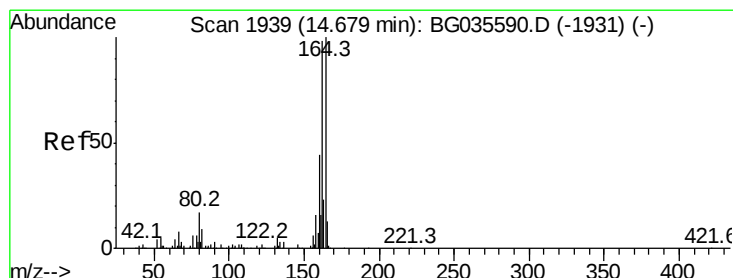
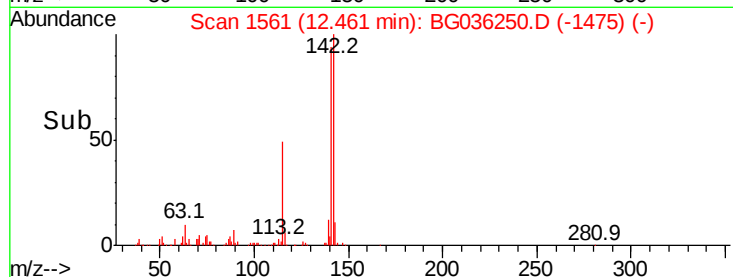
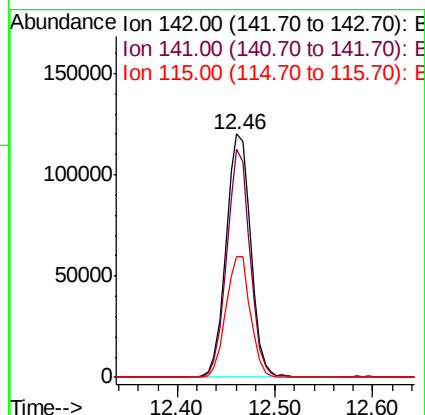
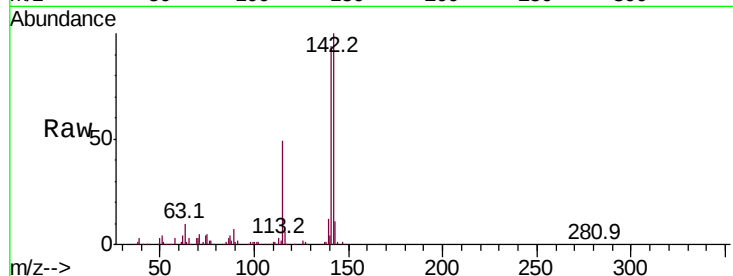




#37
2-Methylnaphthalene
Concen: 44.317 ng
RT: 12.46 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

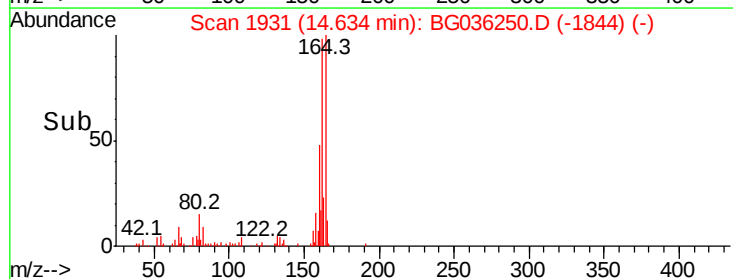
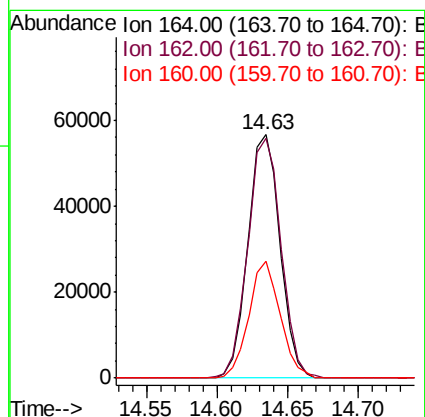
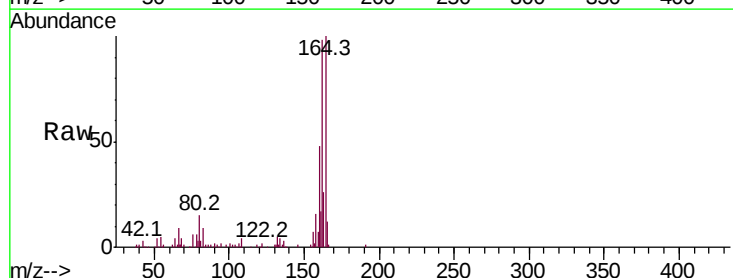
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.6	67.1	100.7
115	49.4	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: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.8	118.2
160	47.9	35.4	53.0

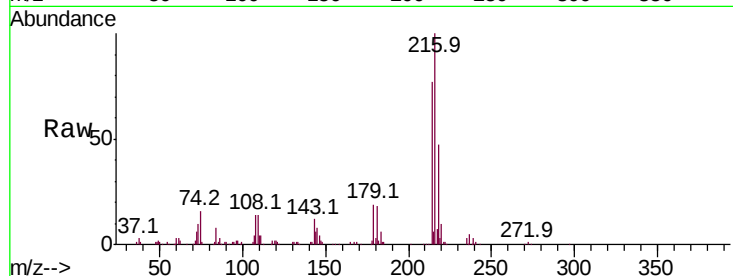




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.664 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	216	Resp:	149479
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	20.2	17.0	25.6
108	16.9	12.8	19.2



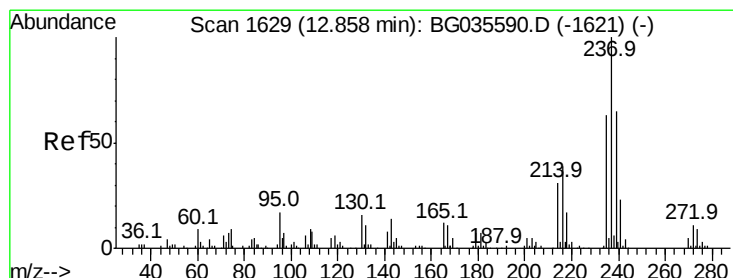
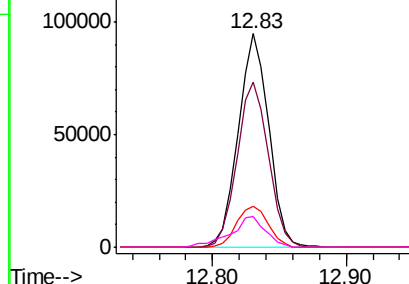
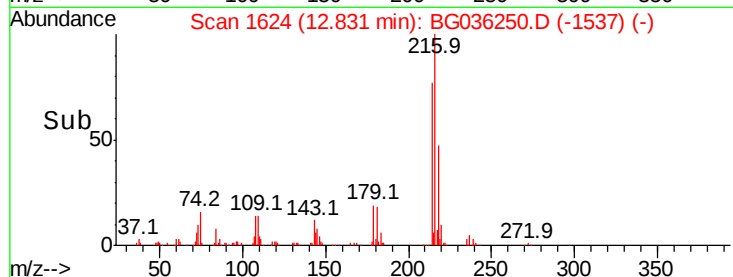
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

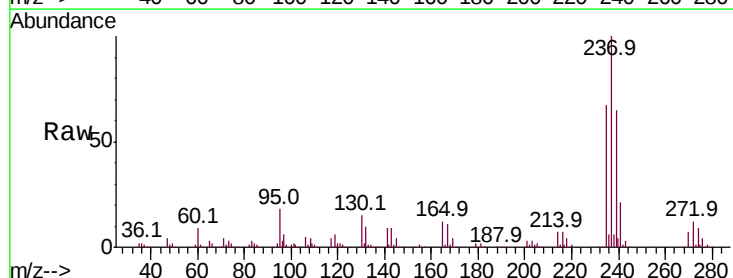
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 95.963 ng
 RT: 12.81 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

Tgt Ion:	237	Resp:	172289
Ion	Ratio	Lower	Upper
237	100		
235	67.0	50.4	90.4
272	12.2	0.0	31.8

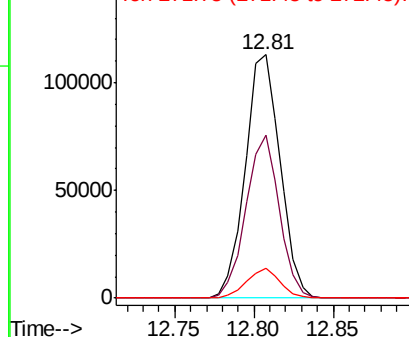
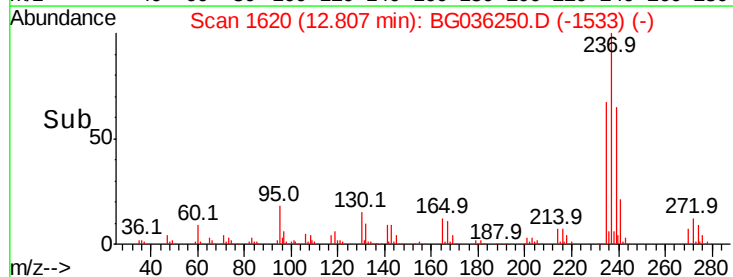


Abundance

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

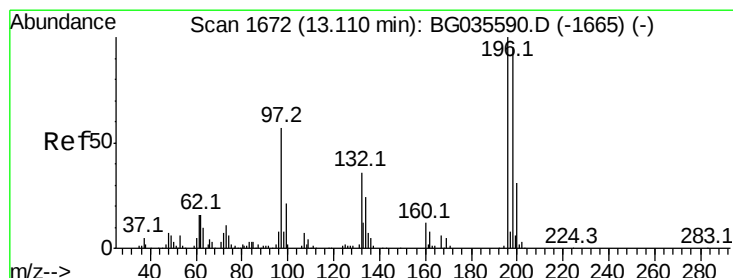
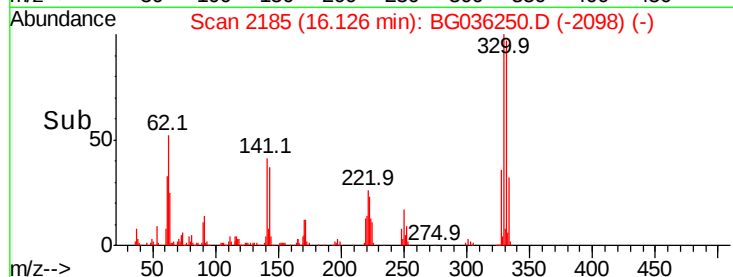
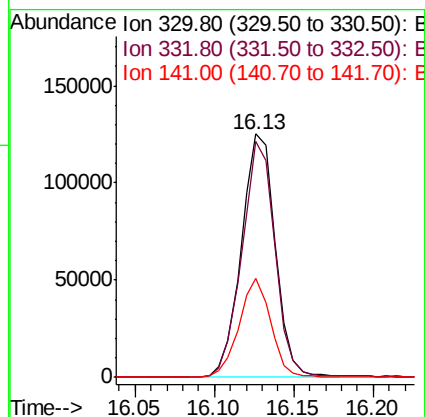
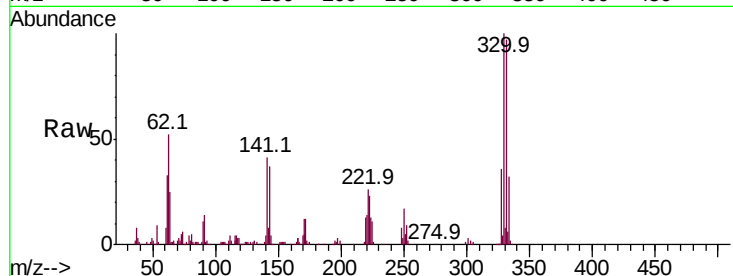




#41
 2,4,6-Tribromophenol
 Concen: 155.941 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

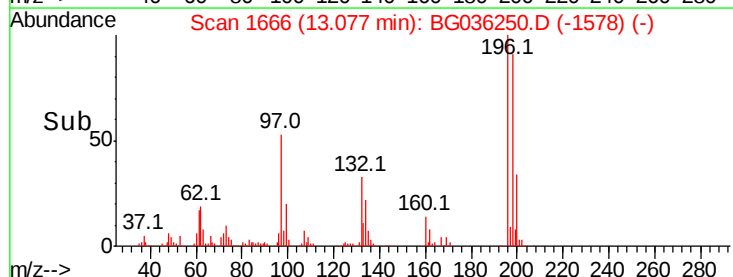
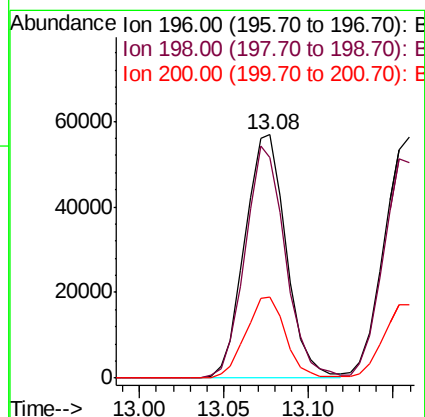
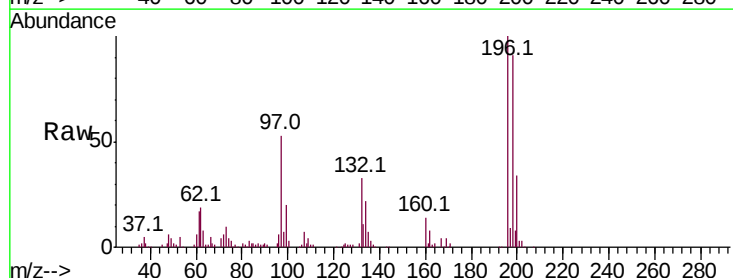
Instrument :
 BNA_G
 ClientSampleId :

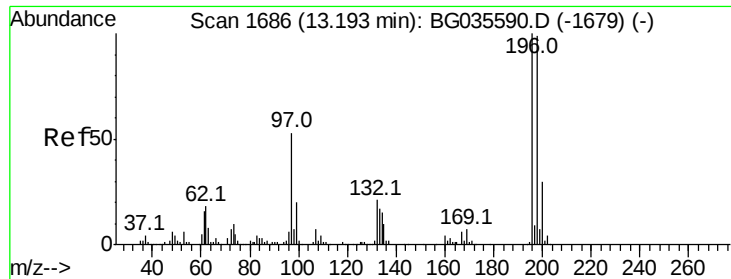
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	38.5	25.2	37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 48.318 ng
 RT: 13.08 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.8	78.2	117.2
200	33.5	24.6	36.8

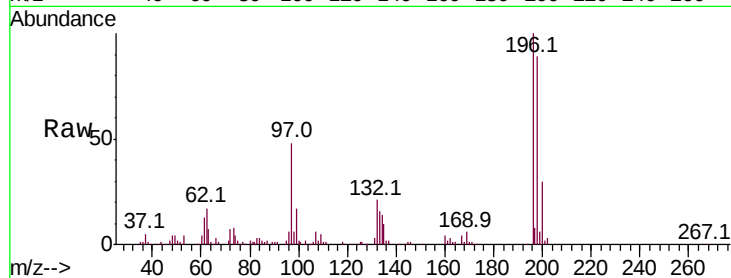




#43
 2,4,5-Trichlorophenol
 Concen: 47.248 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	105818
Ion	Ratio	Lower	Upper
196	100		
198	89.5	76.2	114.4
97	47.7	38.7	58.1
132	21.3	20.2	30.2



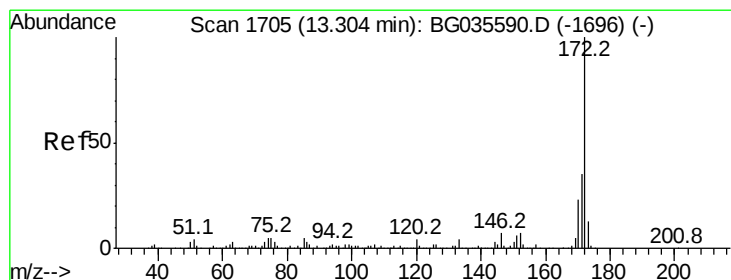
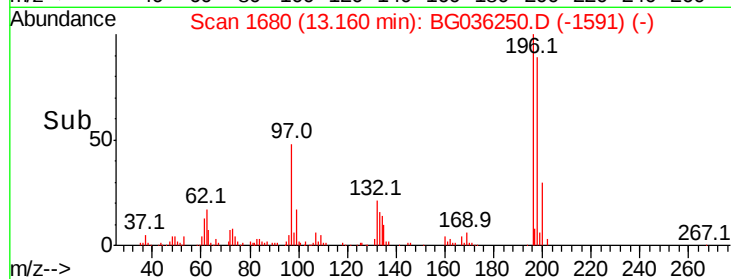
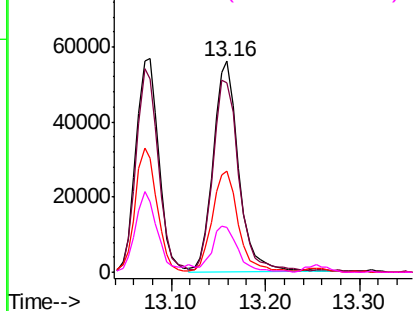
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

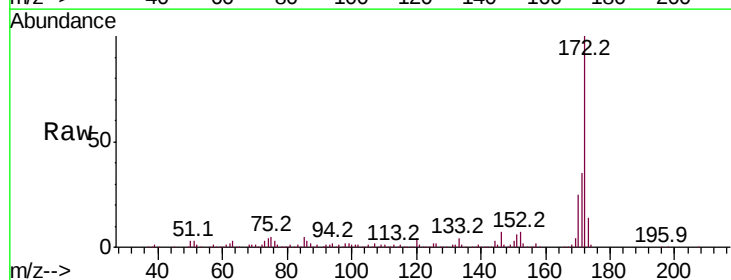
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.496 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

Tgt Ion:	172	Resp:	572039
Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	24.5	19.5	29.3

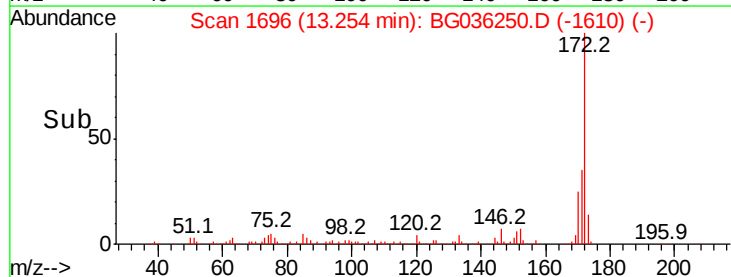
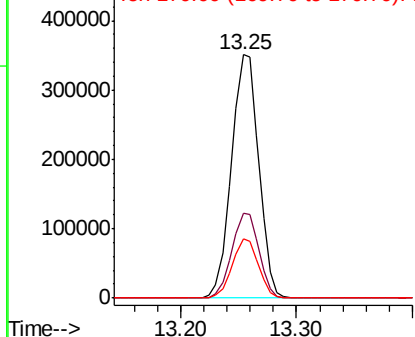


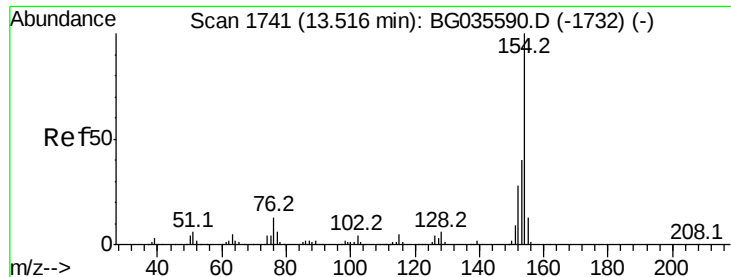
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

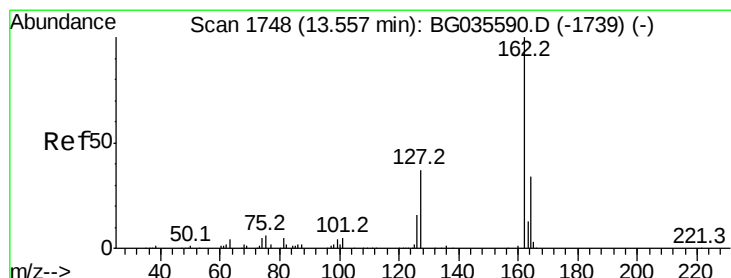
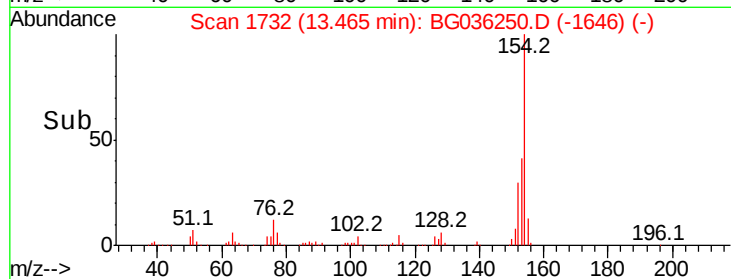
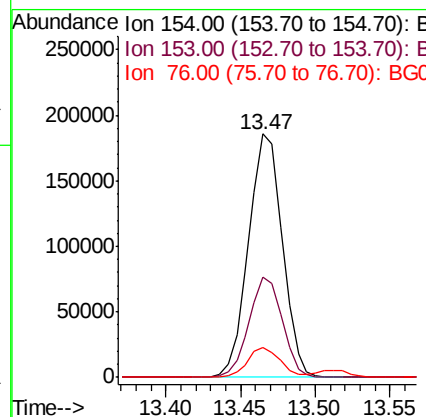
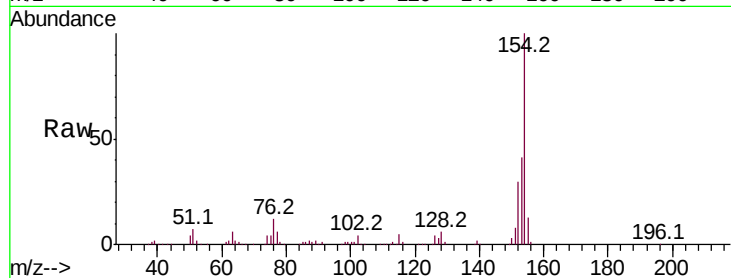




#45
 1,1'-Biphenyl
 Concen: 41.328 ng
 RT: 13.47 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

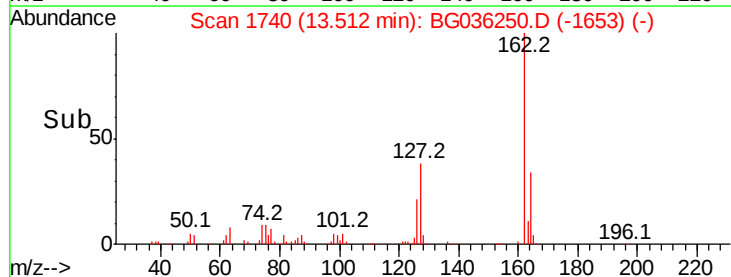
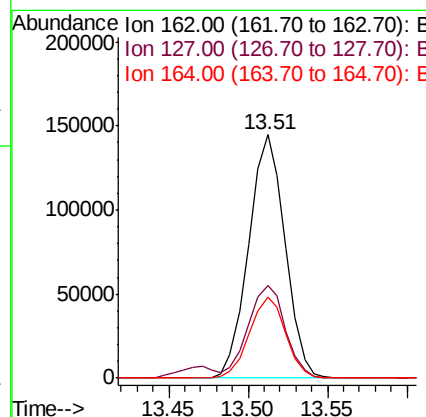
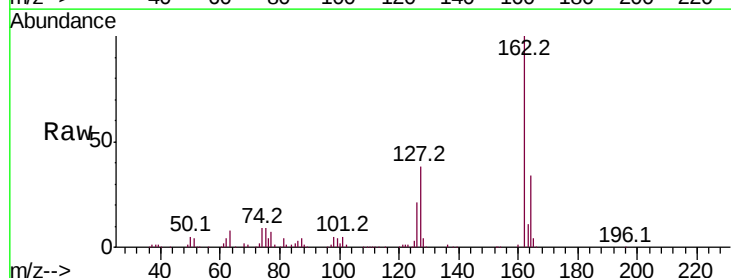
Instrument :
 BNA_G
 ClientSampled :

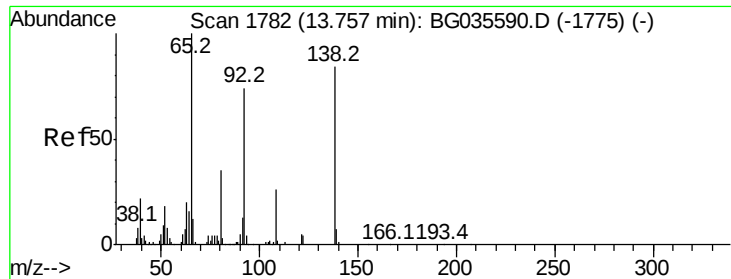
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.8	59.8
76	12.0	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 42.126 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.7	46.1
164	33.5	26.0	39.0

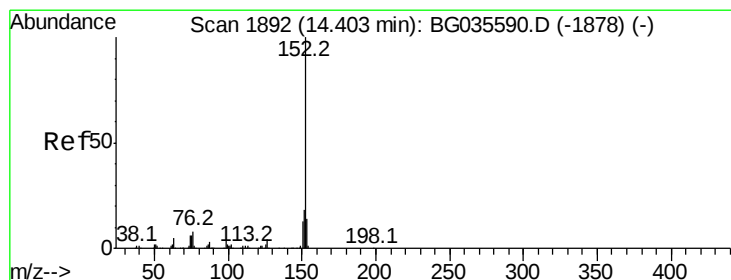
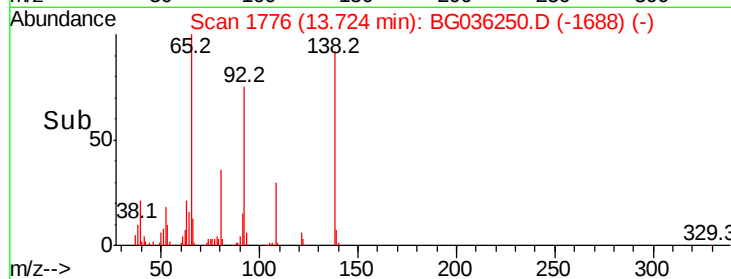
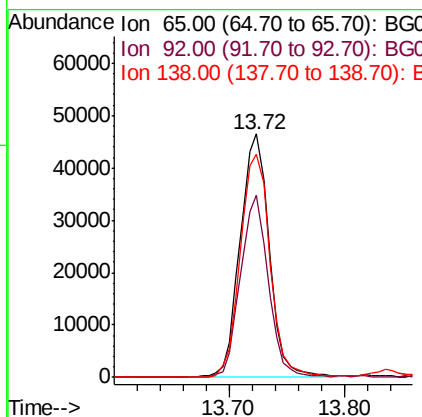
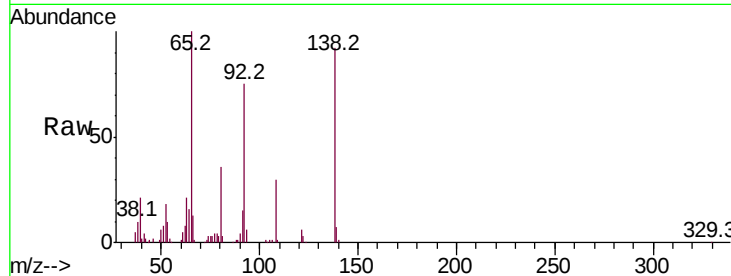




#47
2-Nitroaniline
Concen: 42.103 ng
RT: 13.72 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

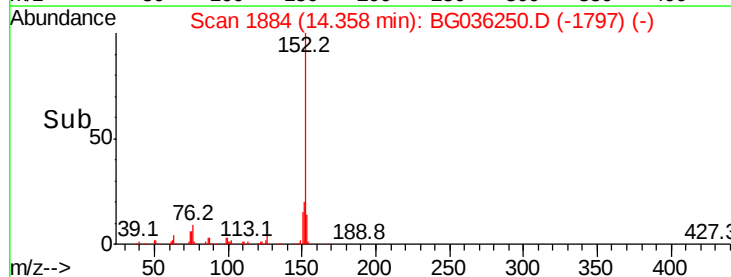
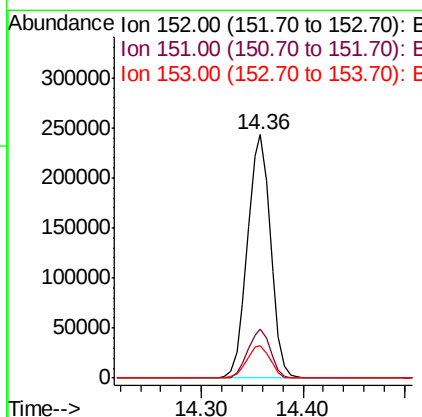
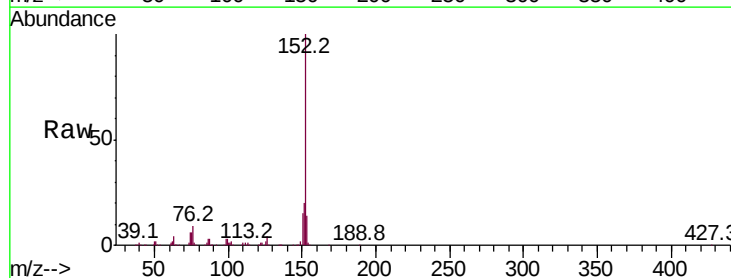
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 81416
Ion Ratio Lower Upper
65 100
92 74.7 54.6 82.0
138 91.7 72.9 109.3



#48
Acenaphthylene
Concen: 41.876 ng
RT: 14.36 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion: 152 Resp: 383689
Ion Ratio Lower Upper
152 100
151 20.1 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 40.980 ng

RT: 14.09 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampled :

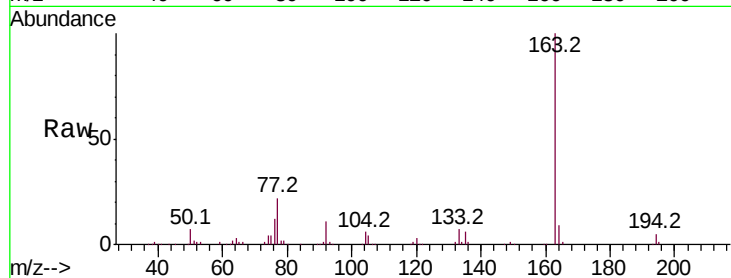
Tot Ion:163 Resp: 325661

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

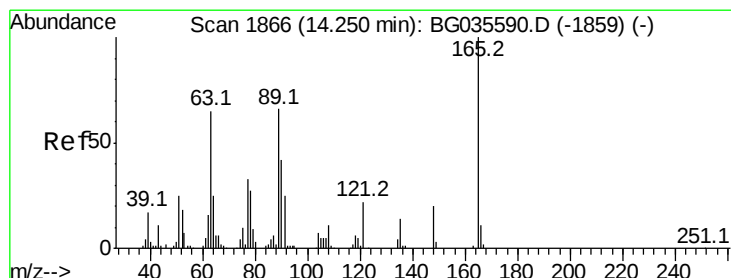
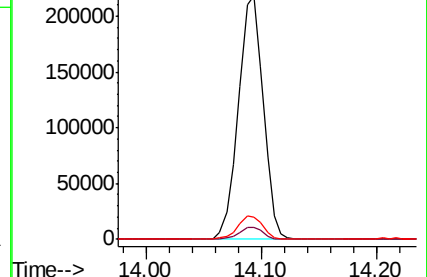
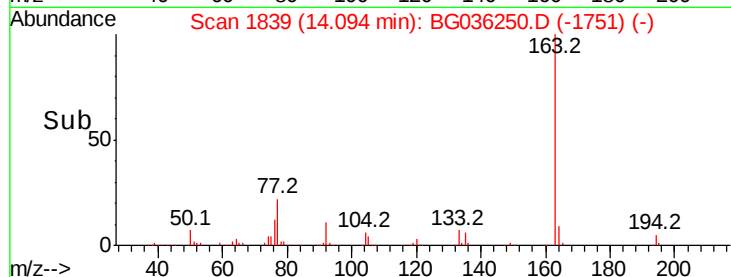
164 9.1 8.2 12.4



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: 47.170 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

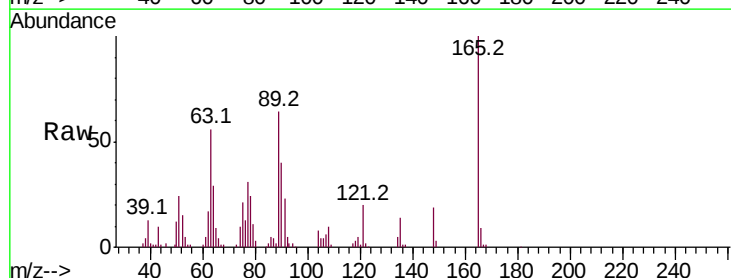
Tgt Ion:165 Resp: 76333

Ion Ratio Lower Upper

165 100

63 56.5 52.7 79.1

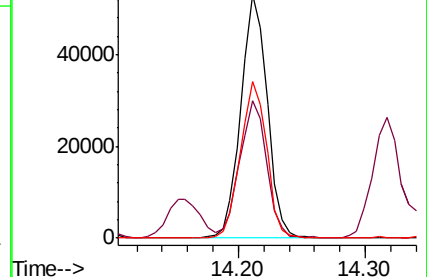
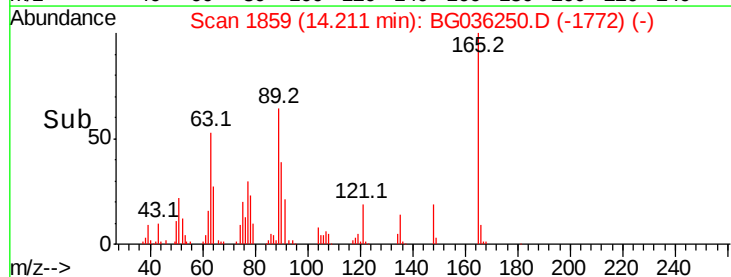
89 64.3 49.2 73.8

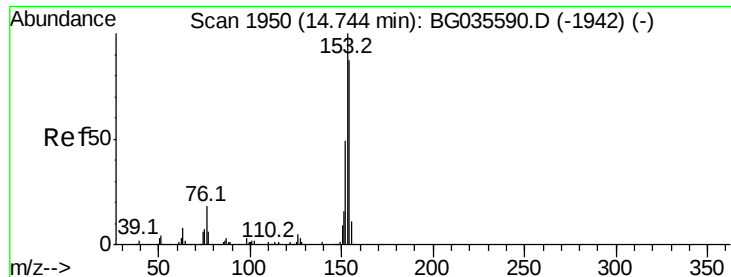


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 39.057 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

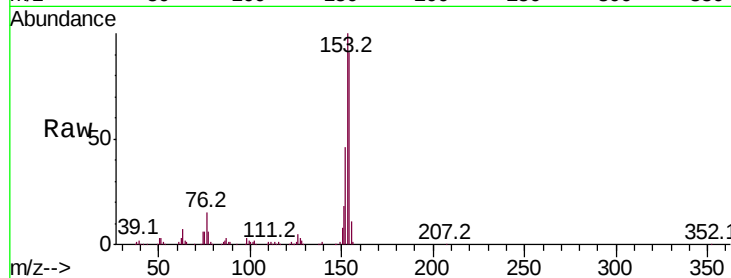
Tot Ion:154 Resp: 222924

Ion Ratio Lower Upper

154 100

153 109.5 90.4 135.6

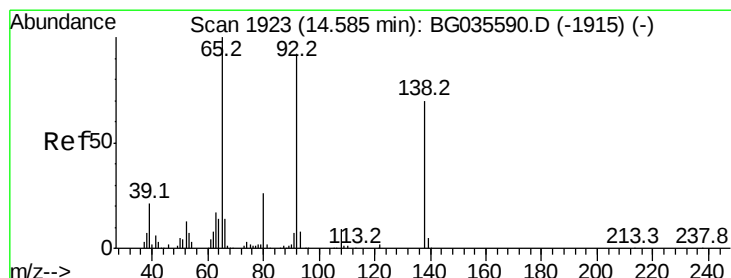
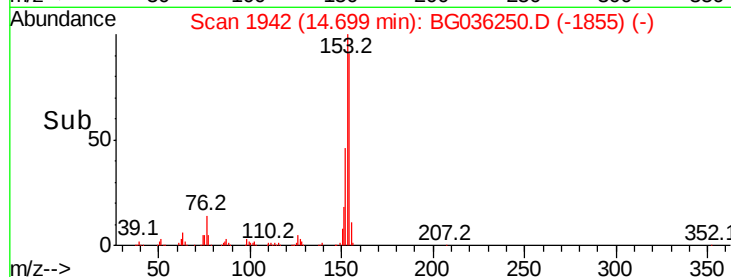
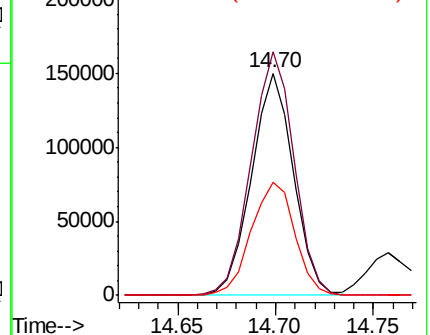
152 50.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.156 ng

RT: 14.55 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

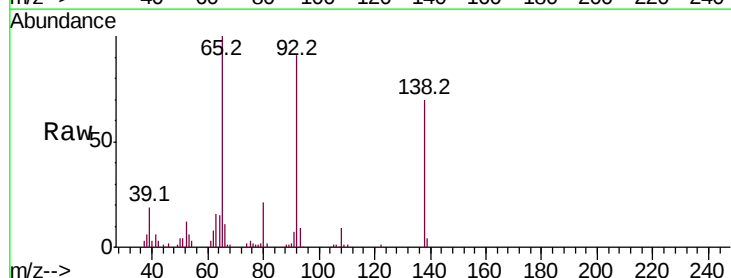
Tgt Ion:138 Resp: 53185

Ion Ratio Lower Upper

138 100

108 12.3 17.5 26.3#

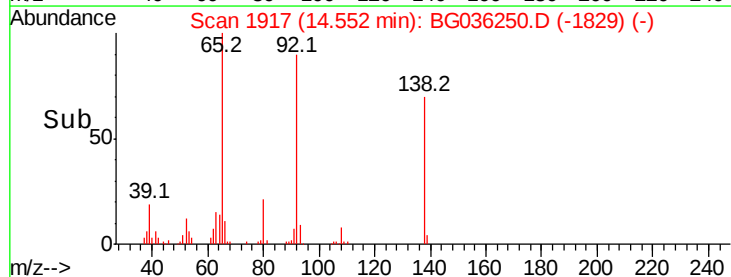
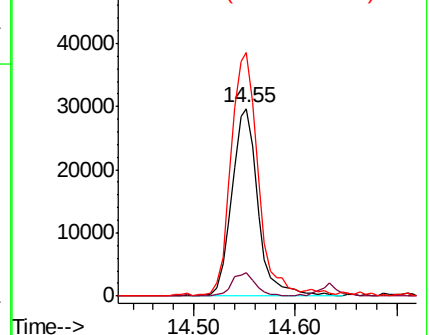
92 129.7 105.8 158.8

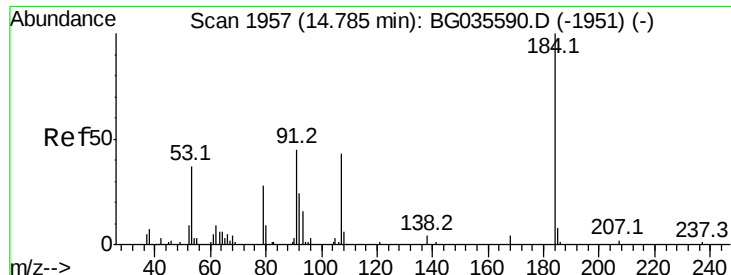


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

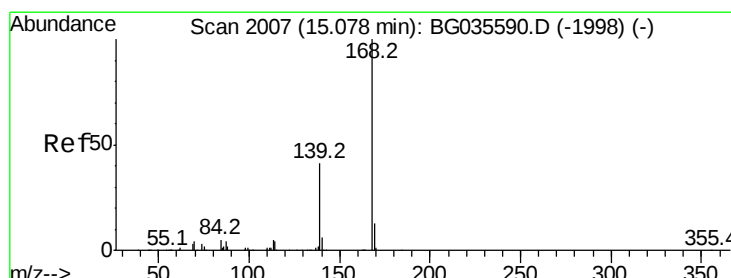
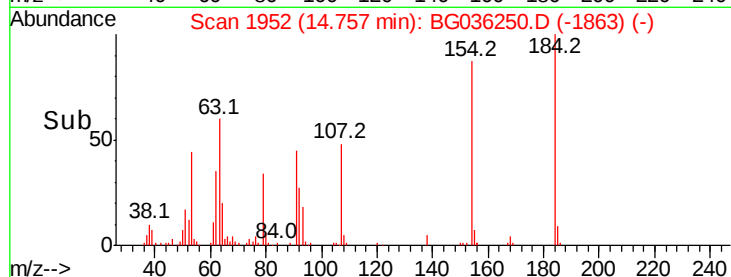
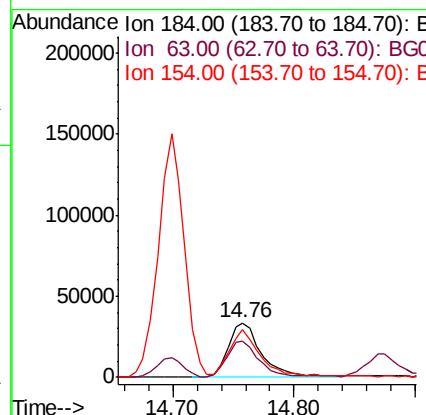
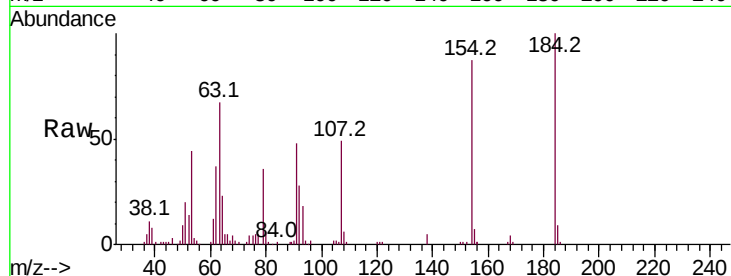




#53
2,4-Dinitrophenol
Concen: 77.971 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

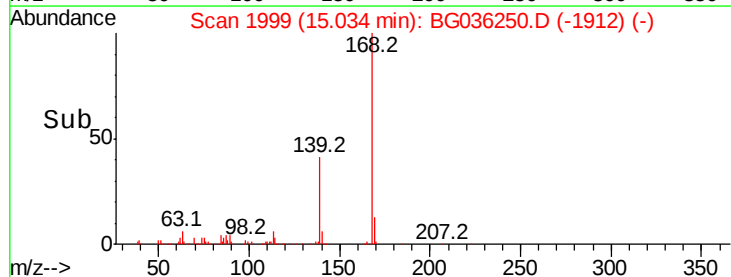
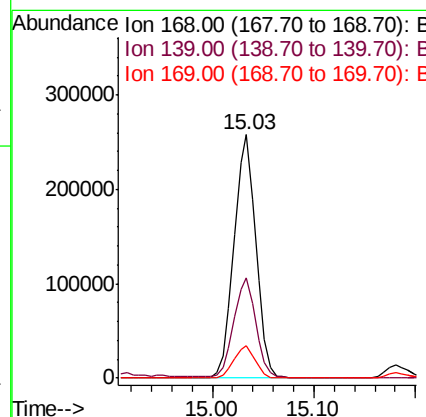
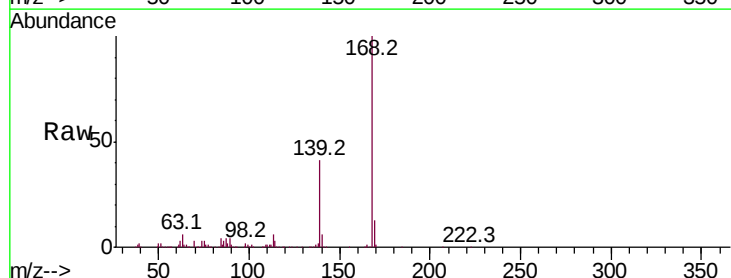
Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 64734
Ion Ratio Lower Upper
184 100
63 66.7 59.8 89.8
154 87.2 101.8 152.8#



#54
Dibenzofuran
Concen: 42.461 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion:168 Resp: 385438
Ion Ratio Lower Upper
168 100
139 41.0 28.6 43.0
169 13.2 11.2 16.8

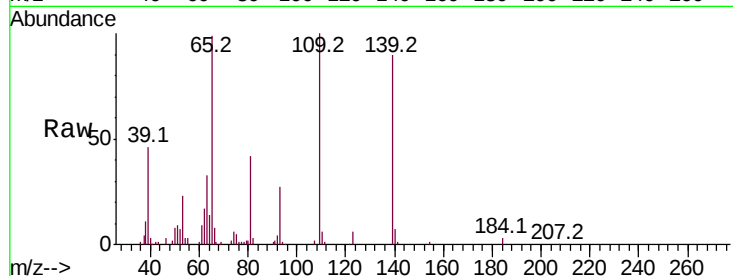




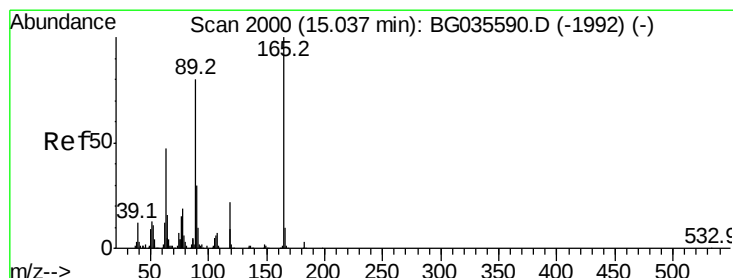
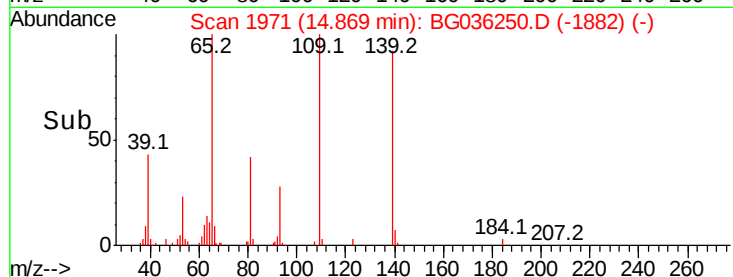
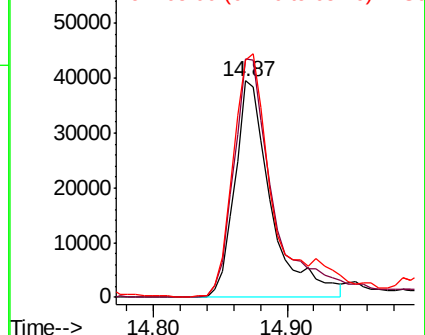
#55
4-Nitrophenol
Concen: 64.009 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 75396
Ion Ratio Lower Upper
139 100
109 110.5 62.2 102.2#
65 109.5 97.2 137.2



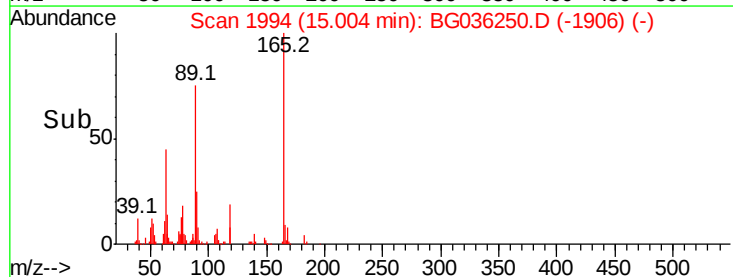
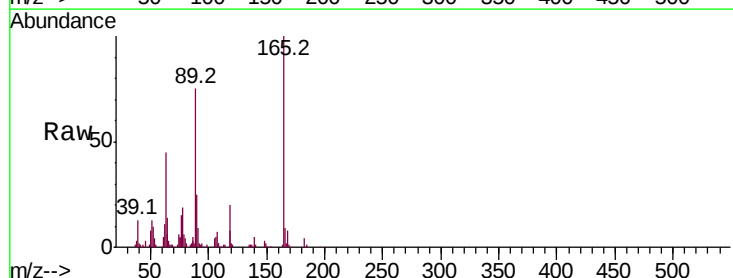
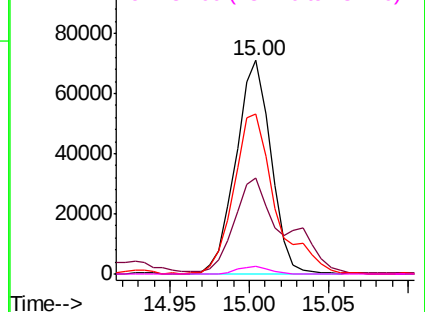
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

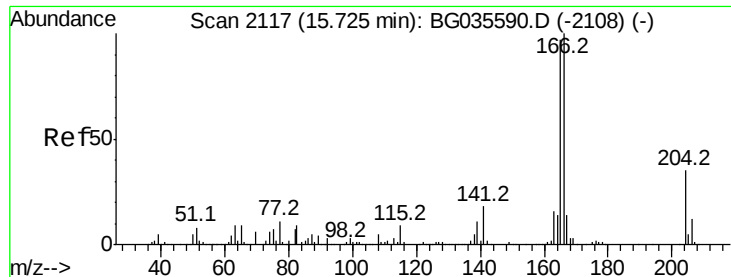


#56
2,4-Dinitrotoluene
Concen: 46.936 ng
RT: 15.00 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion:165 Resp: 108967
Ion Ratio Lower Upper
165 100
63 45.1 42.0 63.0
89 74.8 66.9 100.3
182 3.5 2.6 3.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

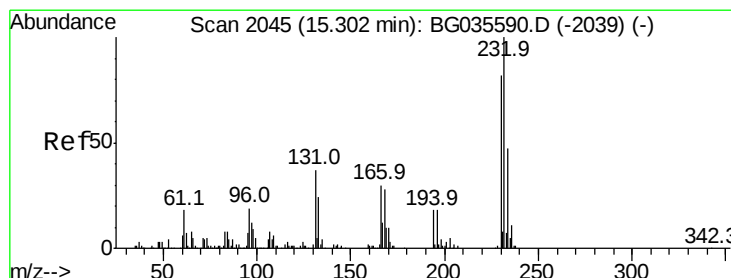
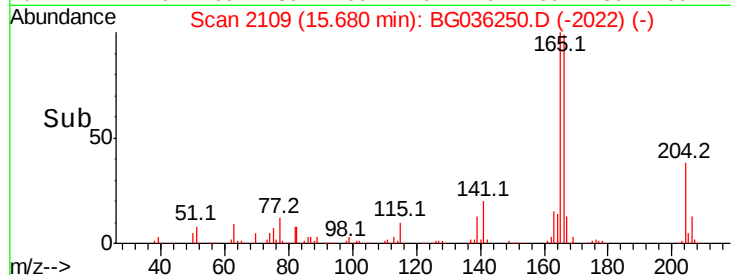
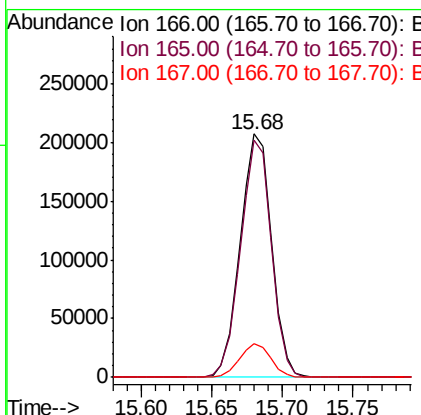
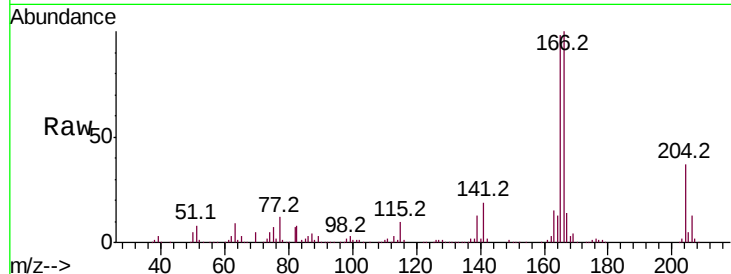




#57
 Fluorene
 Concen: 42.280 ng
 RT: 15.68 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

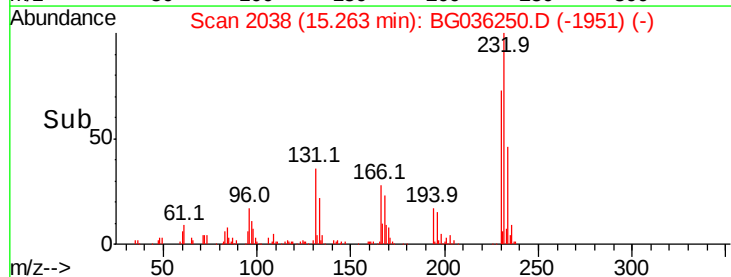
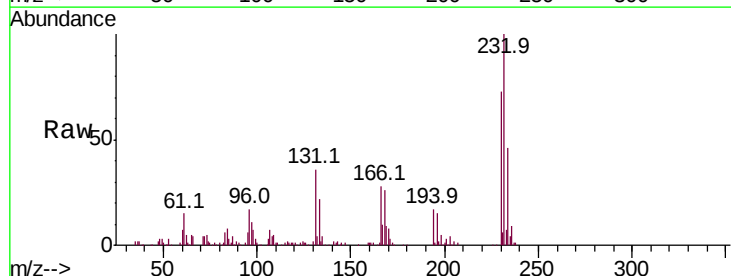
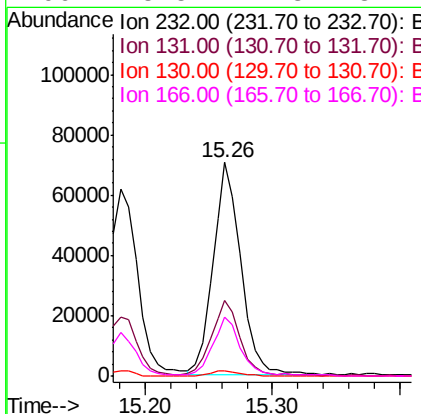
Instrument :
 BNA_G
 ClientSampleId :

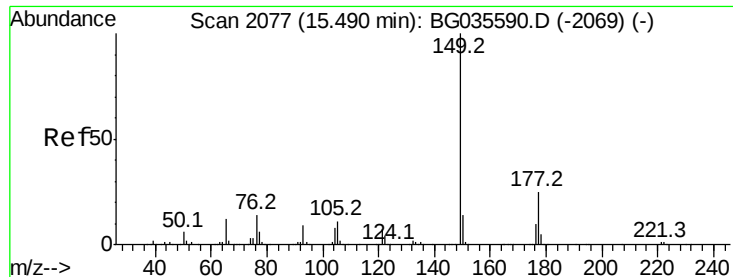
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	80.6	121.0
167	13.9	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.867 ng
 RT: 15.26 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.9	33.5	50.3
130	2.4	2.2	3.2
166	28.5	24.8	37.2

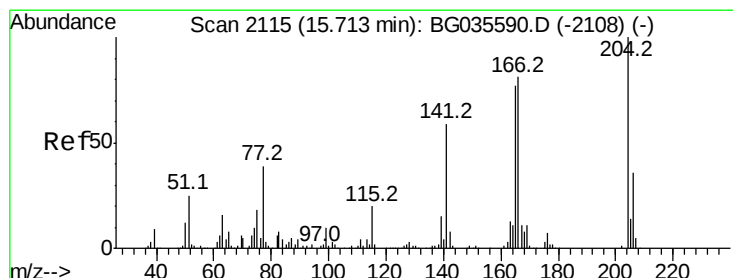
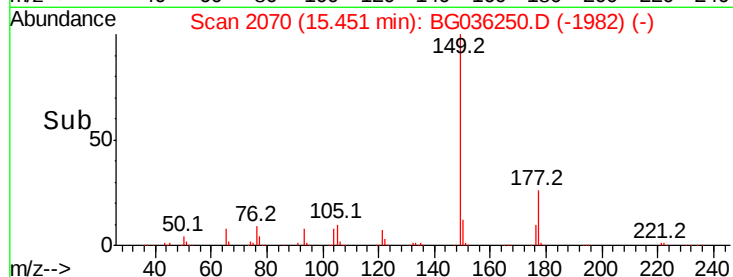
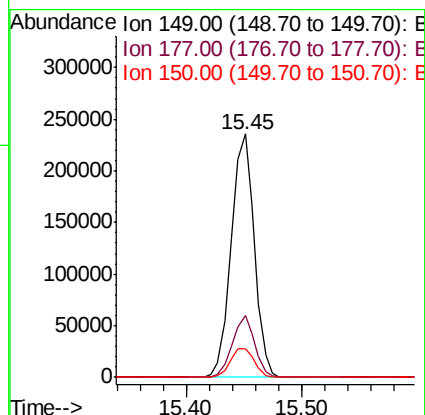
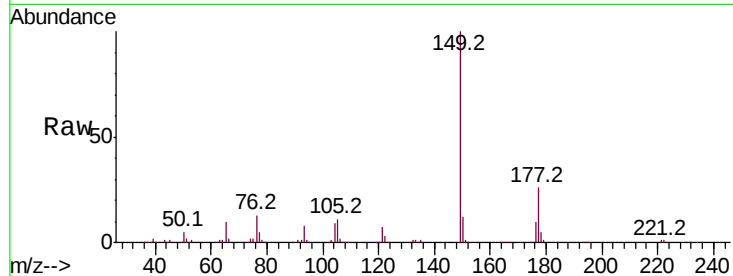




#59
Diethylphthalate
Concen: 39.646 ng
RT: 15.45 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

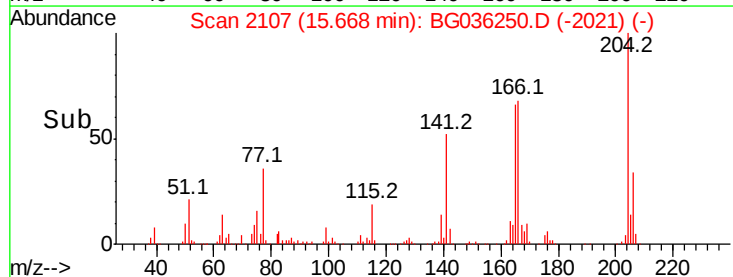
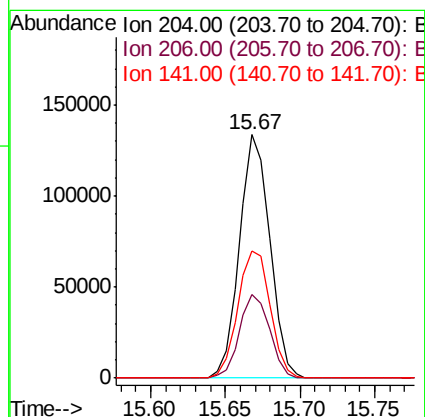
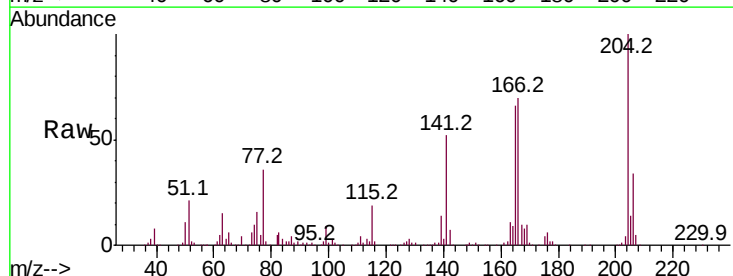
Instrument :
BNA_G
ClientSampleId :

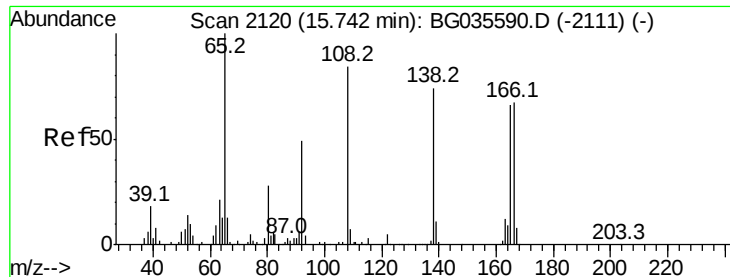
Tot Ion:149 Resp: 323962
Ion Ratio Lower Upper
149 100
177 25.5 18.5 27.7
150 11.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.409 ng
RT: 15.67 min Scan# 2107
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion:204 Resp: 189637
Ion Ratio Lower Upper
204 100
206 34.3 26.2 39.2
141 52.0 45.8 68.6

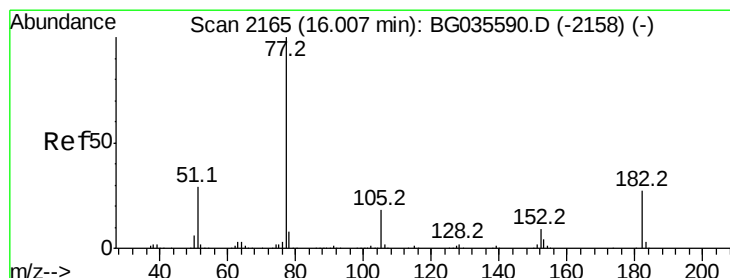
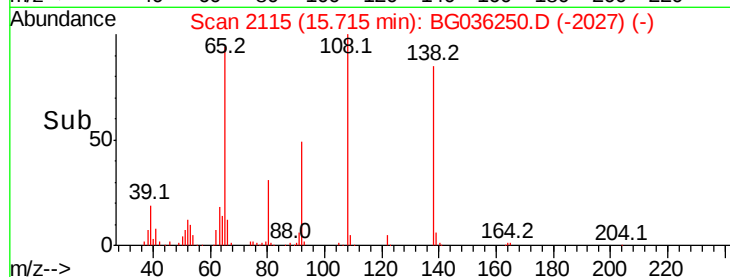
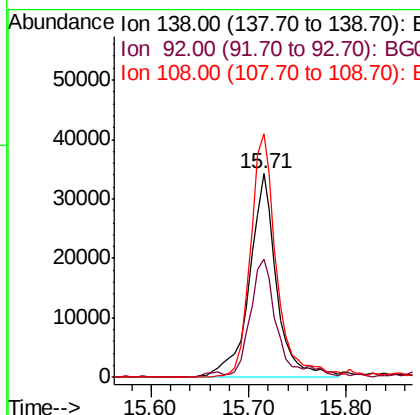
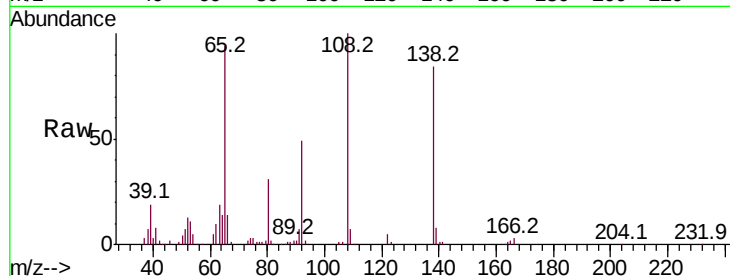




#61
4-Nitroaniline
Concen: 38.690 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

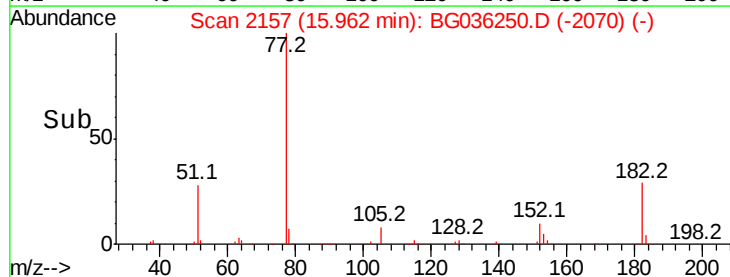
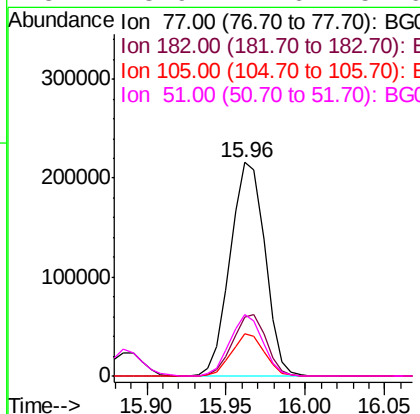
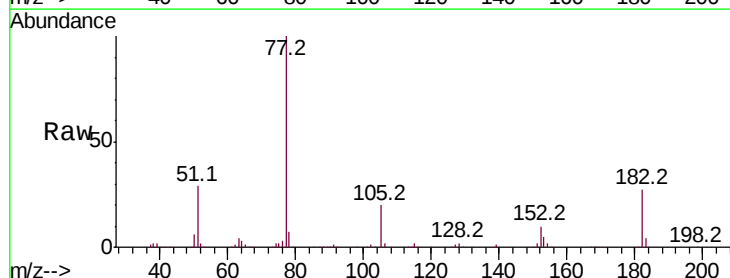
Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 66938
Ion Ratio Lower Upper
138 100
92 58.2 40.1 80.1
108 119.4 65.4 105.4#



#62
Azobenzene
Concen: 40.607 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion: 77 Resp: 327299
Ion Ratio Lower Upper
77 100
182 27.3 7.4 47.4
105 19.6 0.3 40.3
51 28.9 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

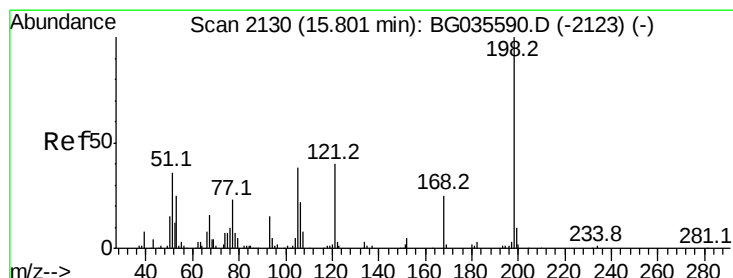
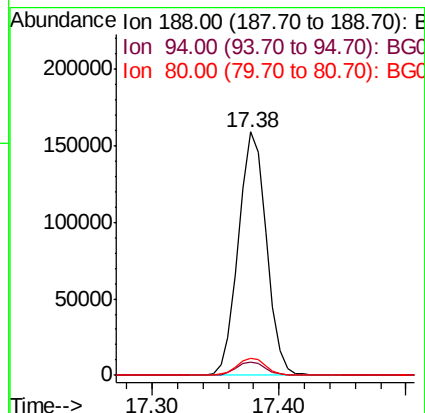
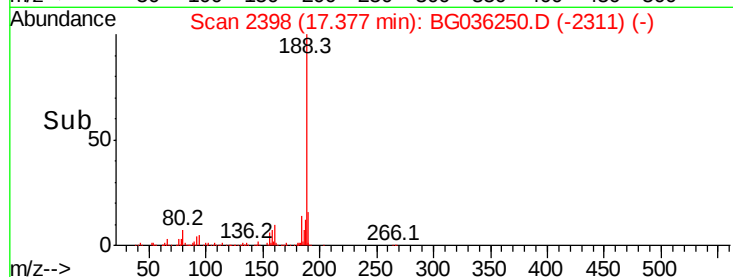
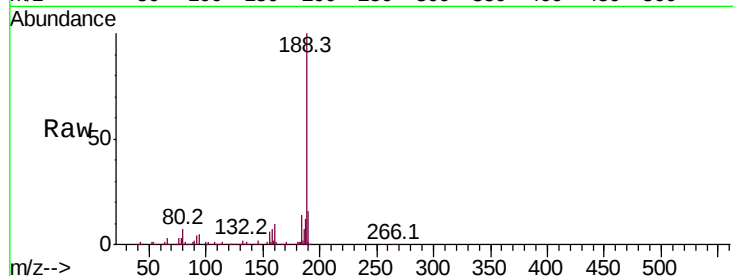
Tot Ion:188 Resp: 242542

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

80 7.0 7.7 11.5#



#64

4,6-Dinitro-2-methylphenol

Concen: 45.566 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

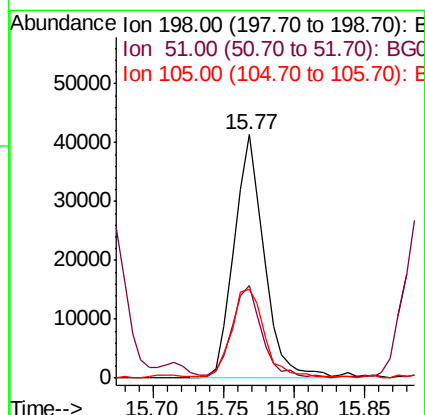
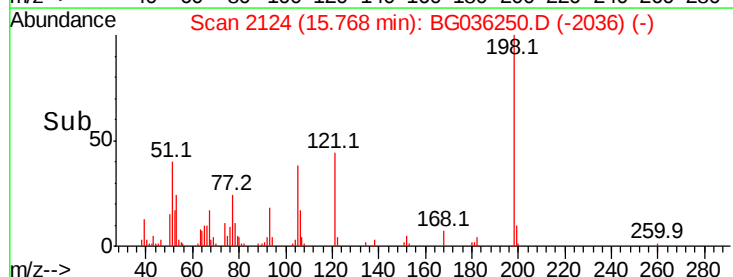
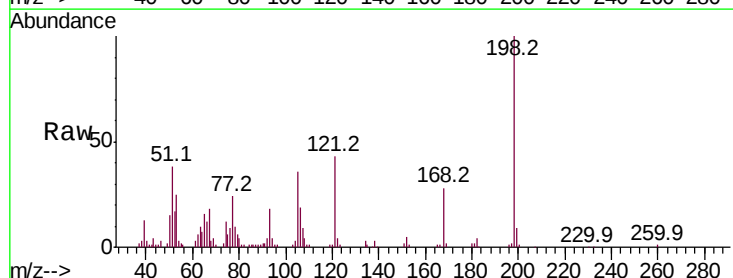
Tgt Ion:198 Resp: 61520

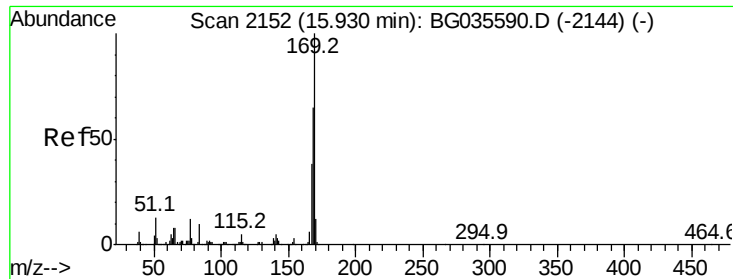
Ion Ratio Lower Upper

198 100

51 38.2 30.6 70.6

105 36.3 23.8 63.8

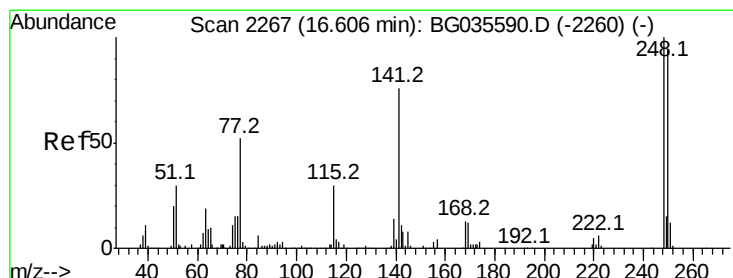
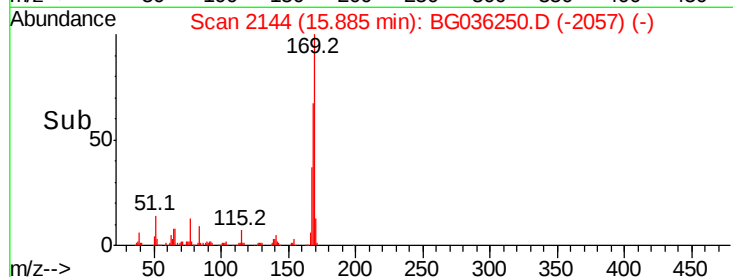
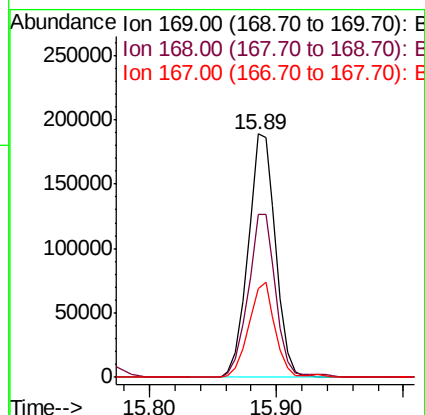
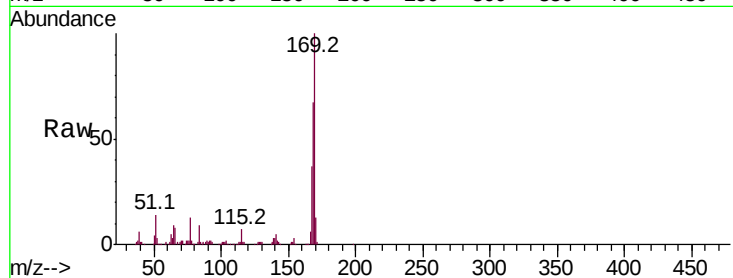




#65
n-Nitrosodiphenylamine
Concen: 40.887 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

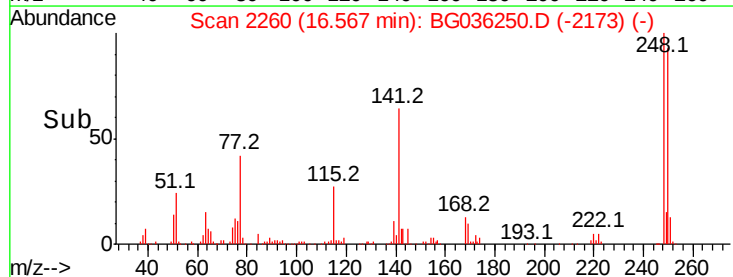
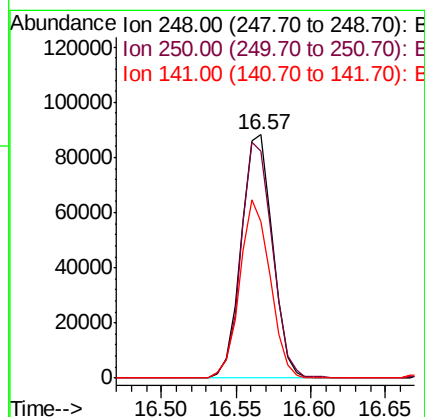
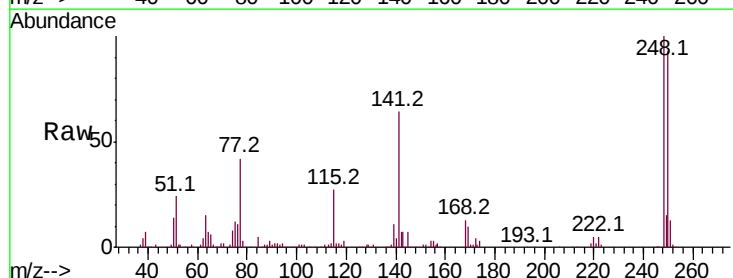
Instrument :
BNA_G
ClientSampled :

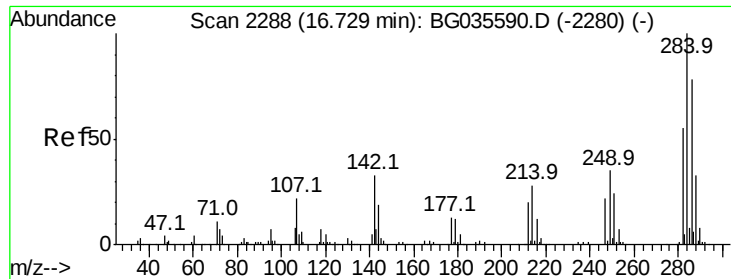
Tot Ion:169 Resp: 282267
Ion Ratio Lower Upper
169 100
168 66.9 55.7 83.5
167 36.6 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 45.540 ng
RT: 16.57 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion:248 Resp: 128145
Ion Ratio Lower Upper
248 100
250 93.2 77.1 115.7
141 64.2 50.8 76.2

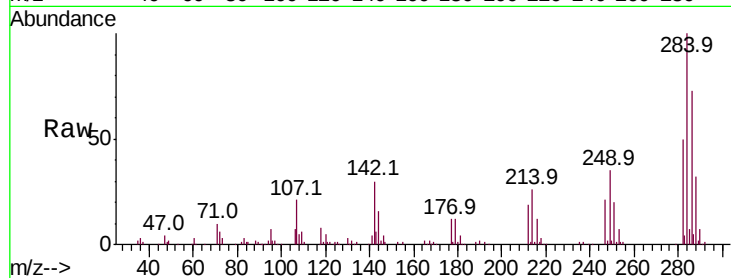




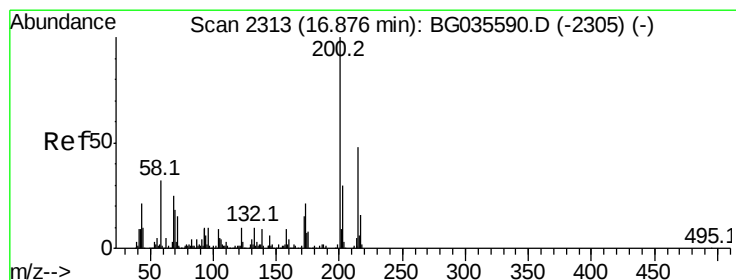
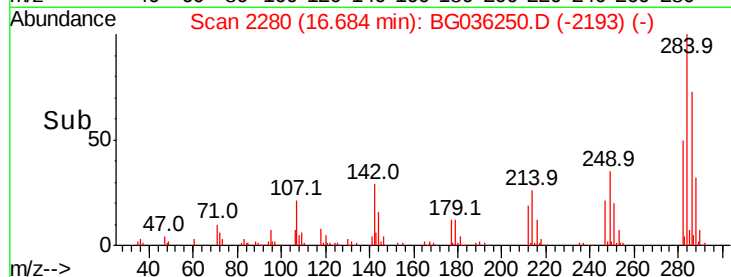
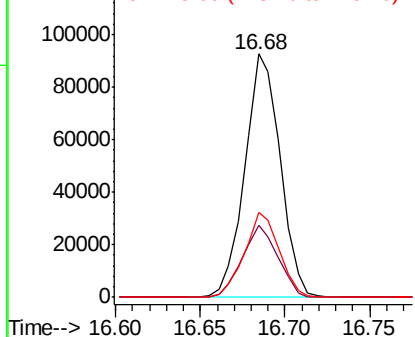
#67
Hexachlorobenzene
Concen: 46.620 ng
RT: 16.68 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.6	26.8	40.2
249	34.6	26.3	39.5

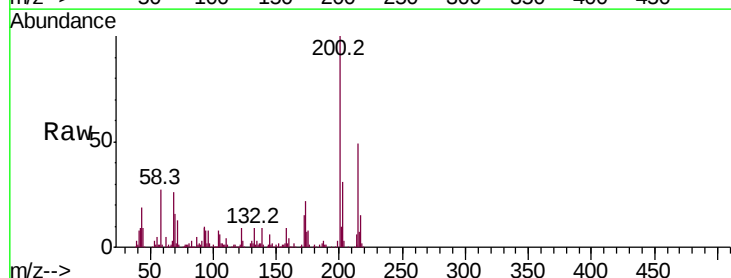


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

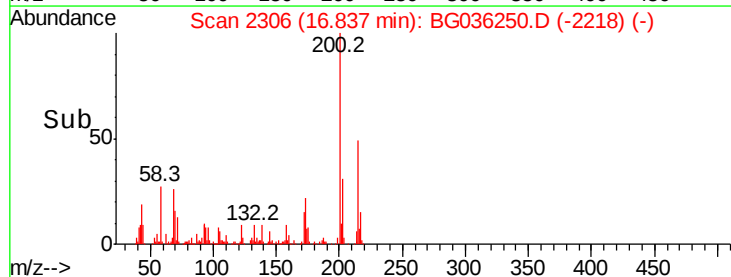
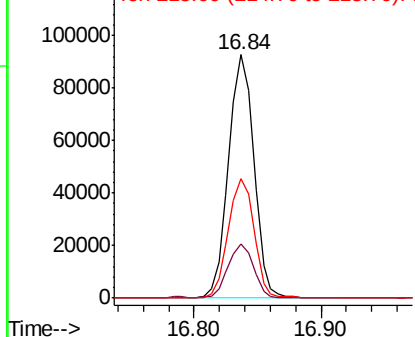


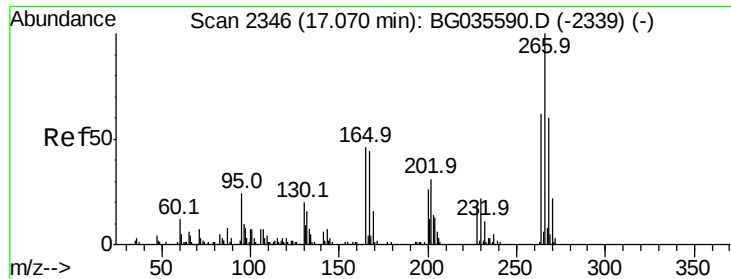
#68
Atrazine
Concen: 45.275 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.0	5.2	45.2
215	49.0	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

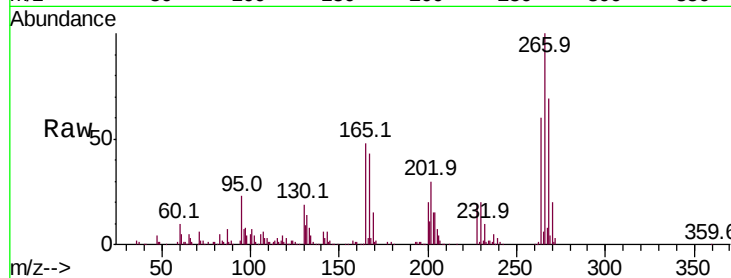




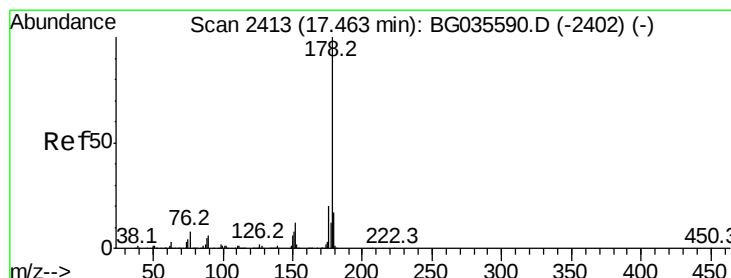
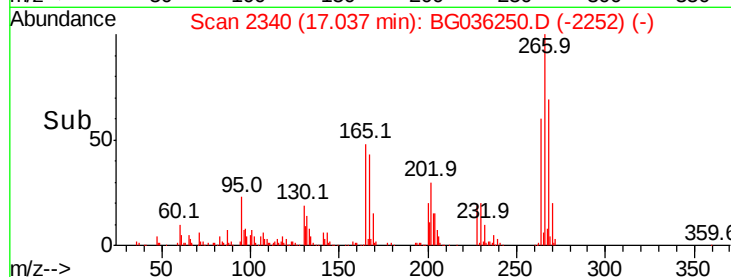
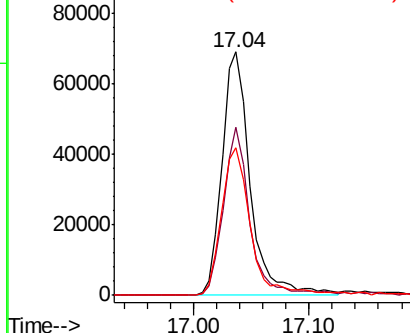
#69
 Pentachlorophenol
 Concen: 66.451 ng
 RT: 17.04 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.9	51.1	76.7
264	60.4	49.6	74.4

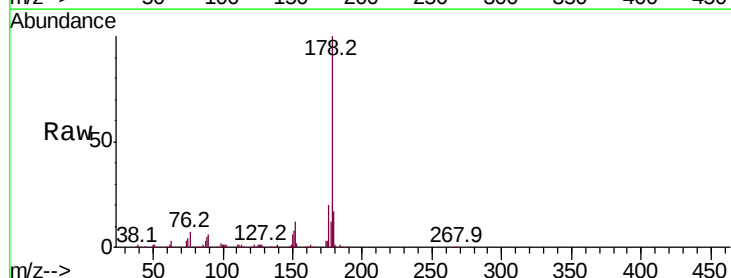


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

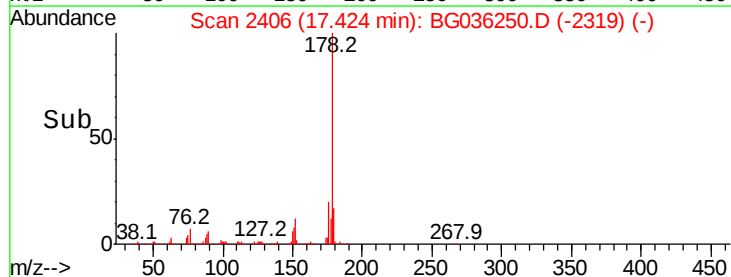
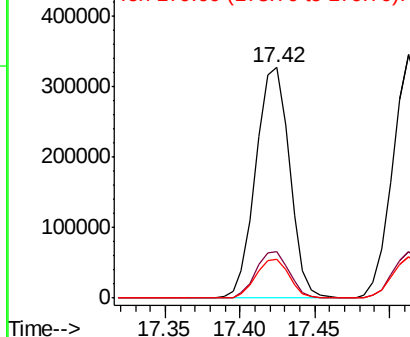


#70
 Phenanthrene
 Concen: 42.302 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.7	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

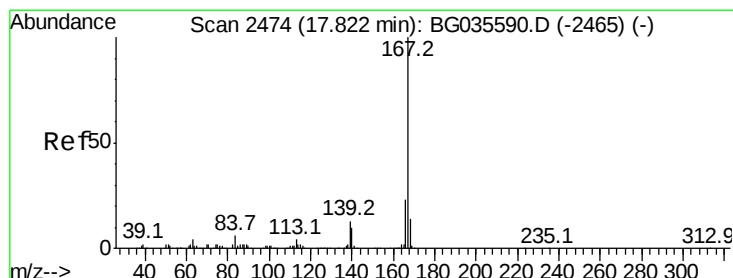
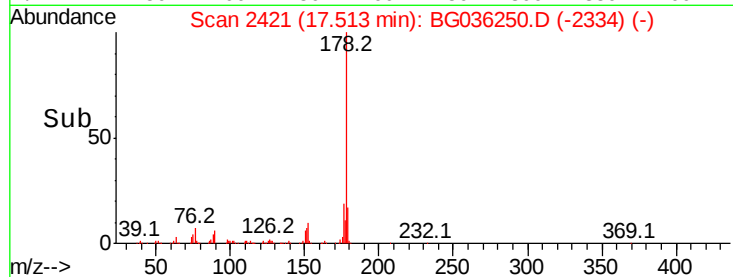
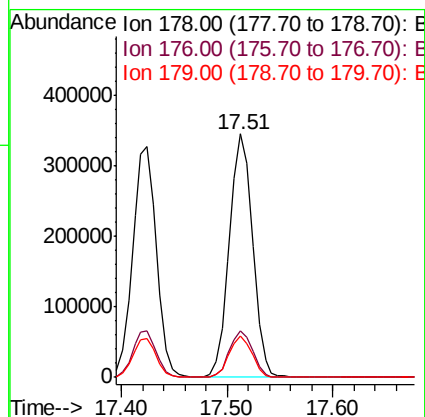
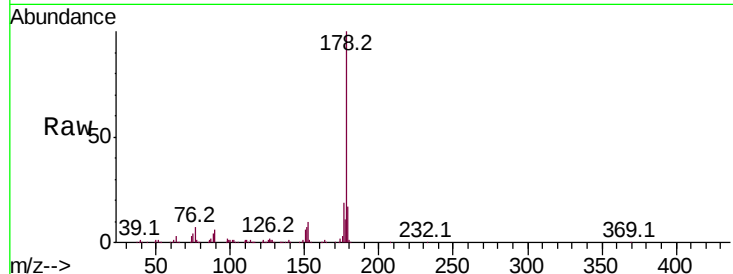




#71
 Anthracene
 Concen: 43.540 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

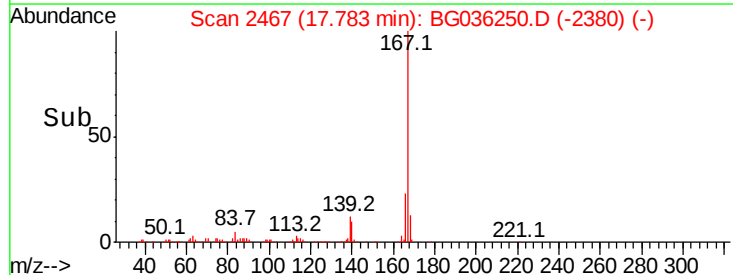
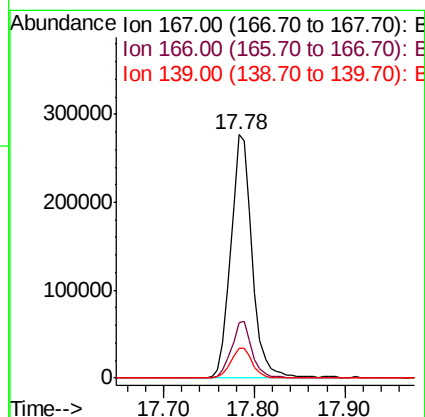
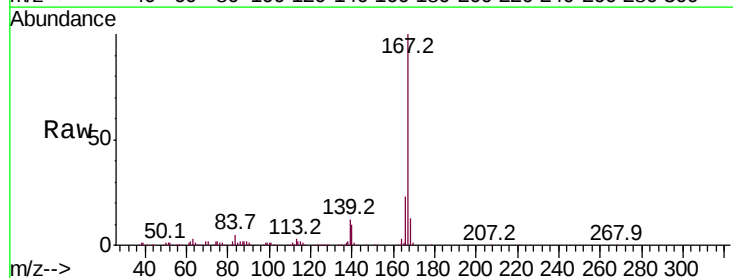
Instrument :
 BNA_G
 ClientSampleId :

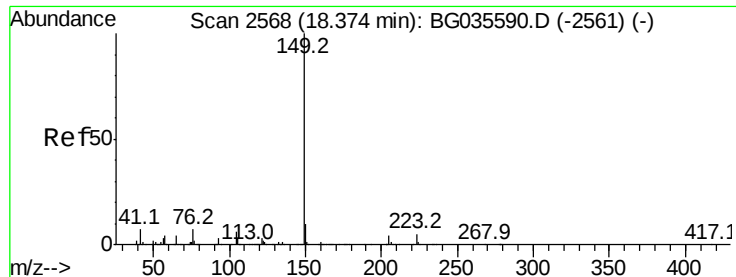
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	16.8	12.5	18.7



#72
 Carbazole
 Concen: 39.907 ng
 RT: 17.78 min Scan# 2467
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	12.4	9.4	14.2





#73

Di-n-butylphthalate

Concen: 41.196 ng

RT: 18.33 min Scan# 2560

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

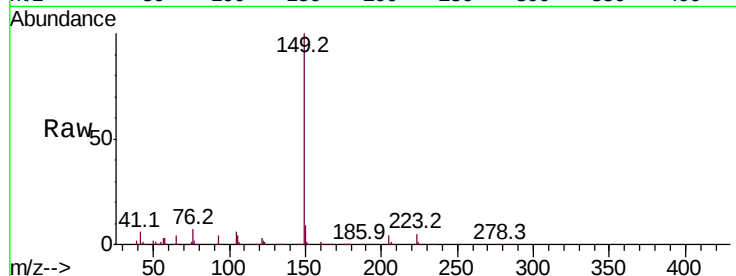
Tot Ion:149 Resp: 557135

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

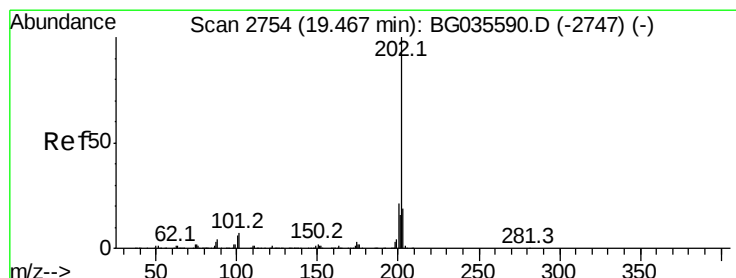
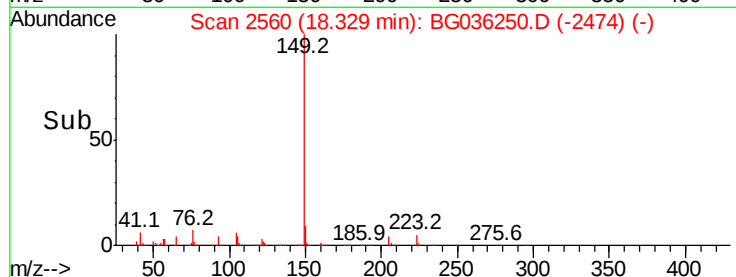
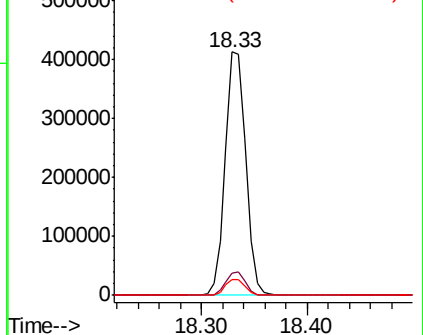
104 6.5 3.9 5.9#



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: 41.355 ng

RT: 19.43 min Scan# 2747

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

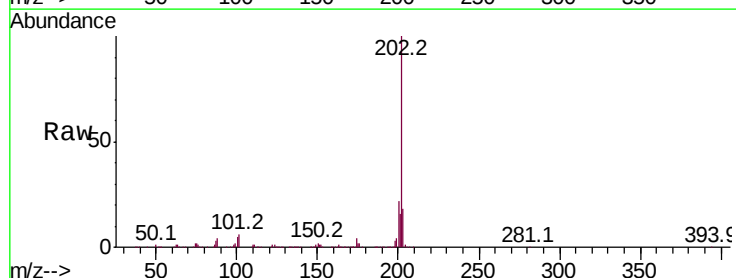
Tgt Ion:202 Resp: 674156

Ion Ratio Lower Upper

202 100

101 6.0 0.0 28.9

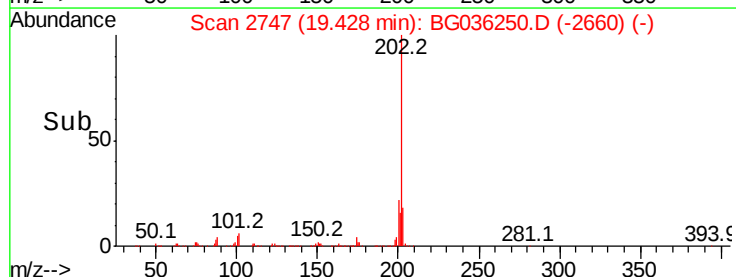
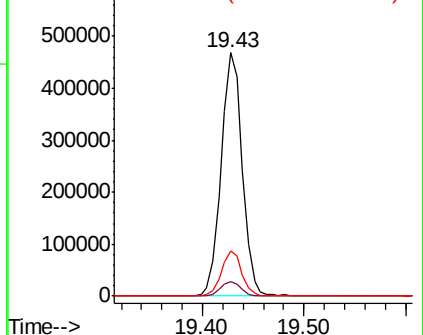
203 18.4 0.0 37.5

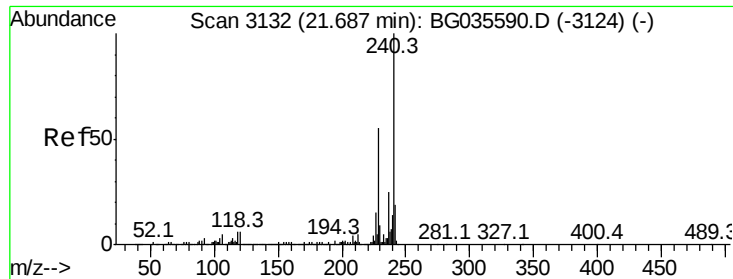


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

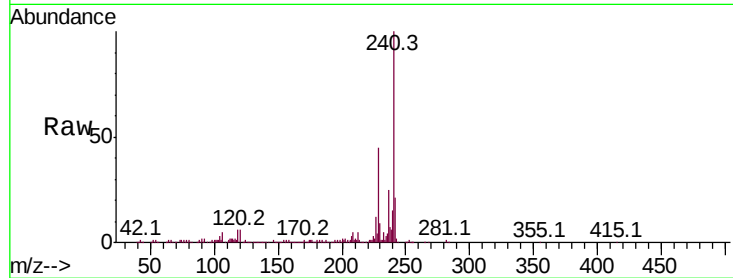
Tot Ion:240 Resp: 259560

Ion Ratio Lower Upper

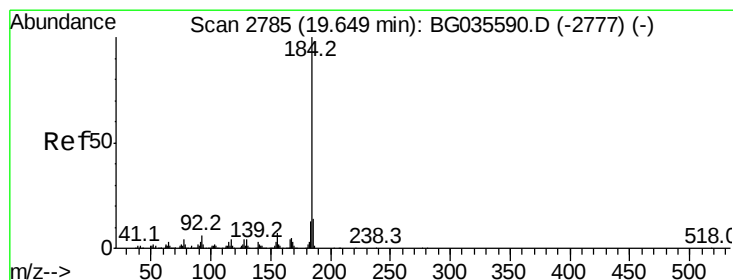
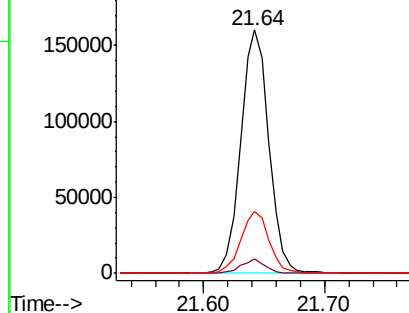
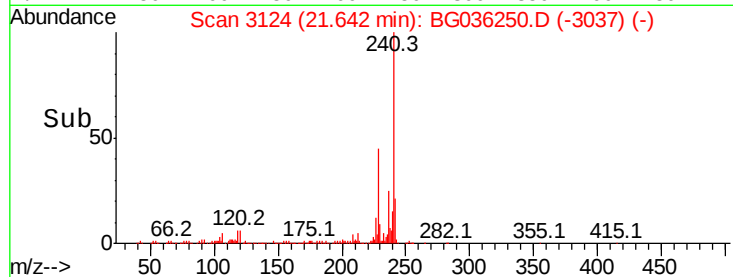
240 100

120 5.8 6.8 10.2#

236 25.2 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: 31.441 ng

RT: 19.62 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

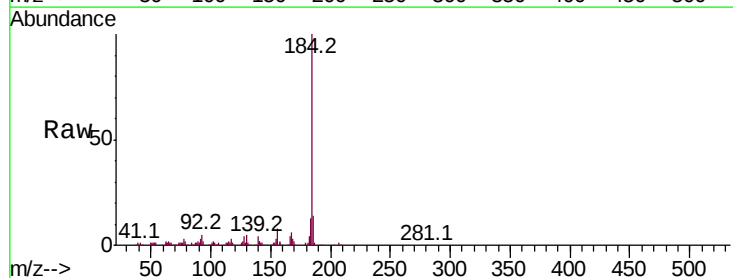
Tgt Ion:184 Resp: 214547

Ion Ratio Lower Upper

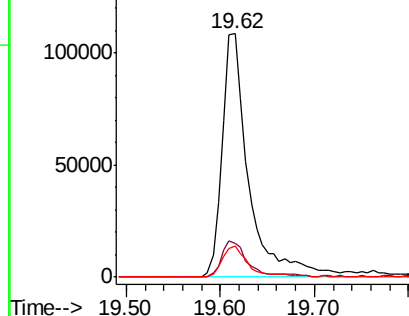
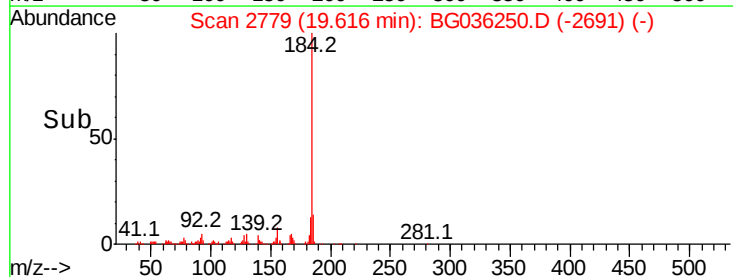
184 100

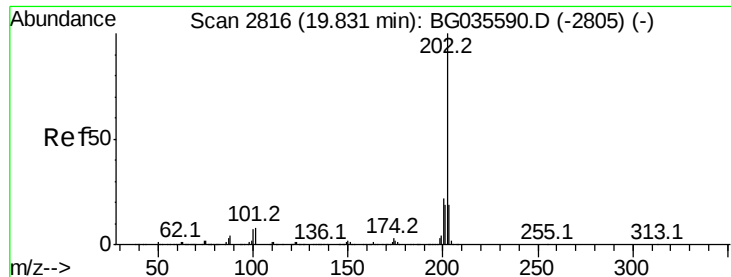
185 14.1 11.1 16.7

183 12.9 10.6 16.0



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

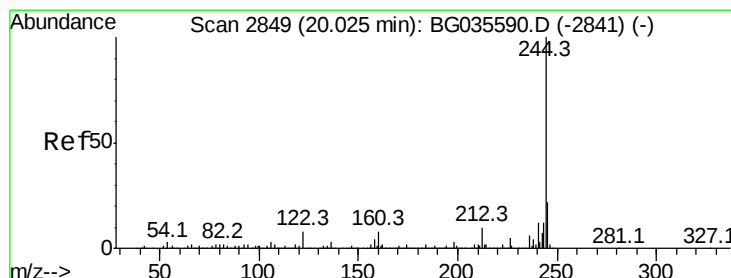
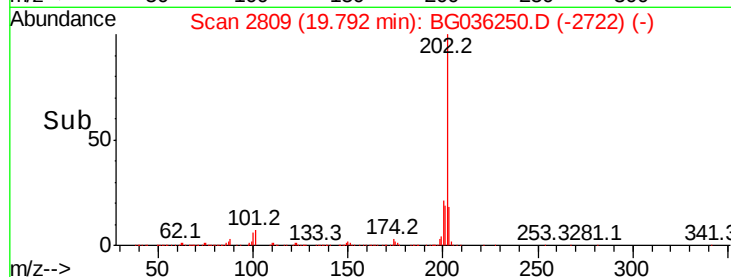
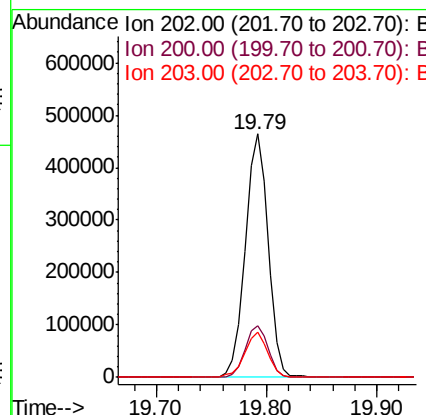
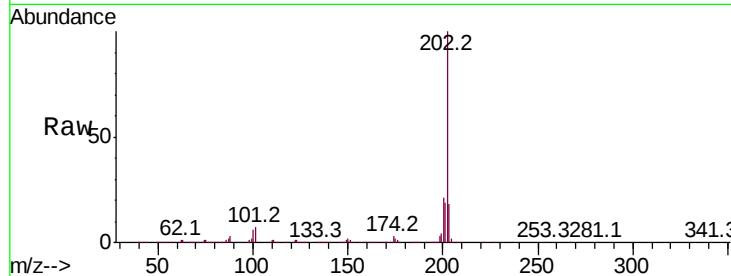




#77
Pvrene
Concen: 41.224 ng
RT: 19.79 min Scan# 2809
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

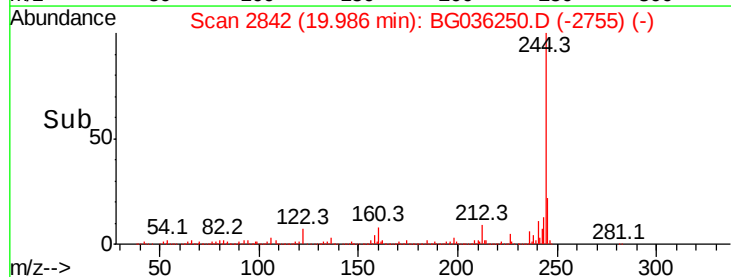
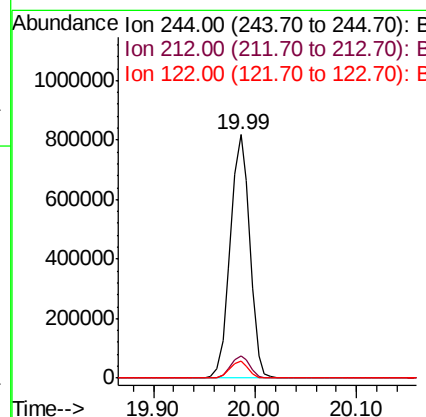
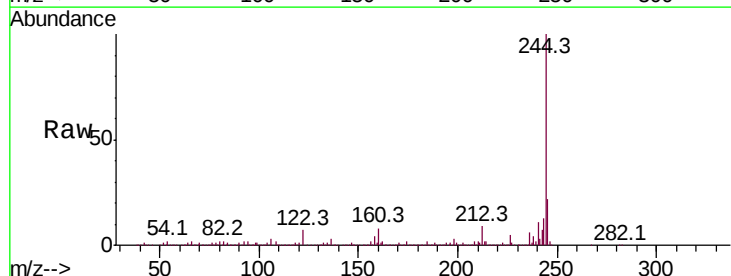
Instrument :
BNA_G
ClientSampleId :

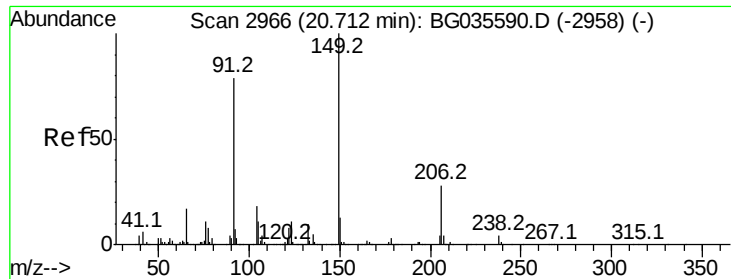
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.5	13.9	20.9



#78
Terphenyl-d14
Concen: 92.912 ng
RT: 19.99 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	6.9	7.0	10.4#

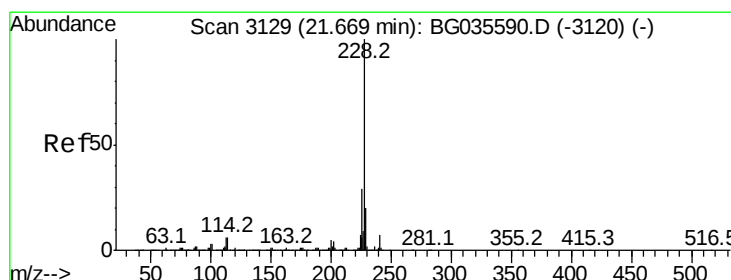
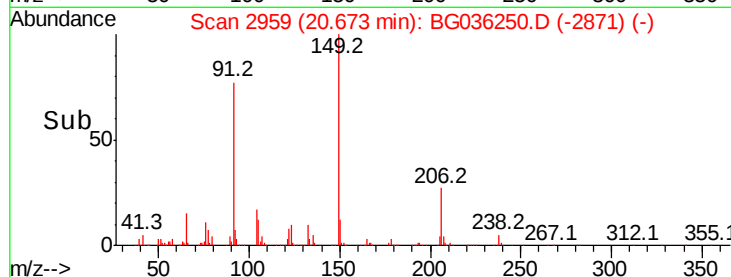
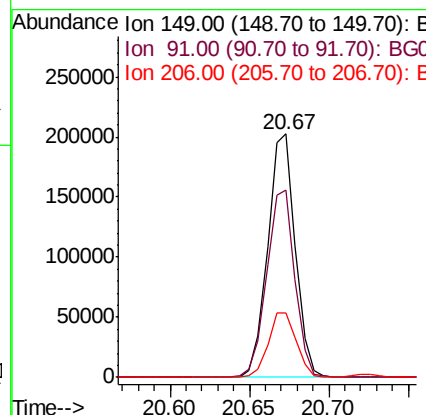
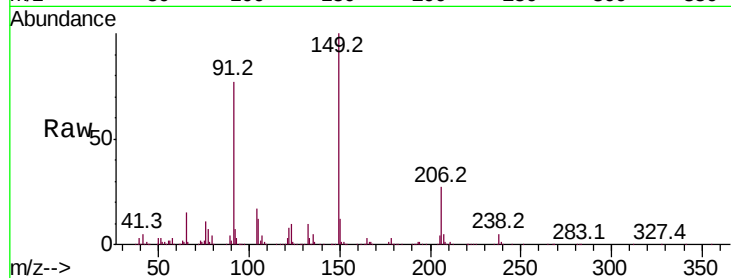




#79
Butylbenzylphthalate
Concen: 41.895 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

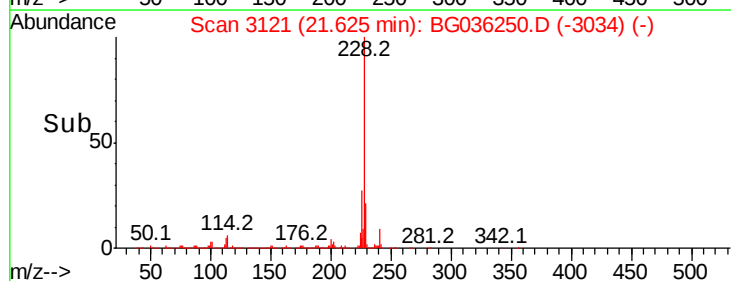
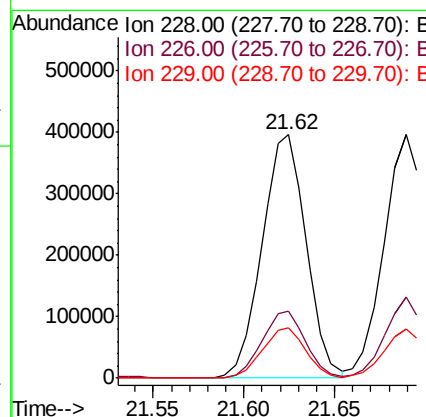
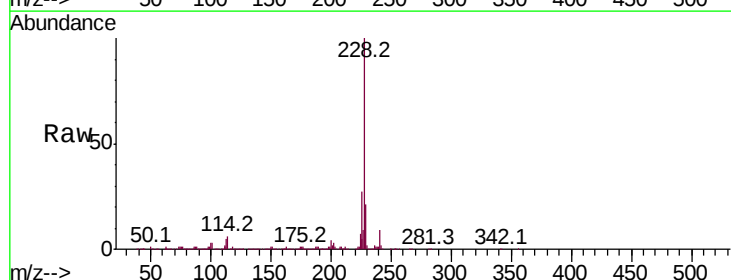
Instrument :
BNA_G
ClientSampled :

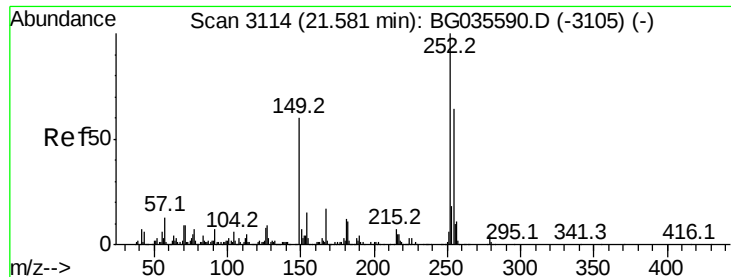
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.9	62.2	93.2
206	26.6	18.6	27.8



#80
Benzo(a)anthracene
Concen: 41.636 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BG036250.D
Acq: 10 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	20.5	16.2	24.2

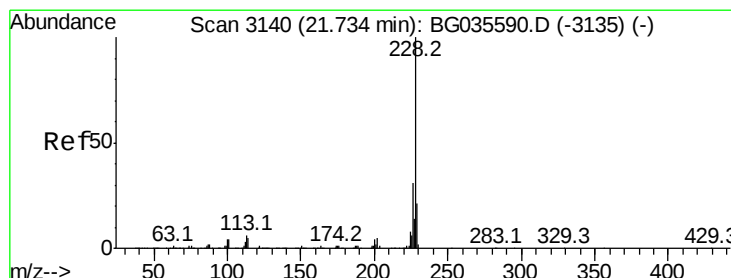
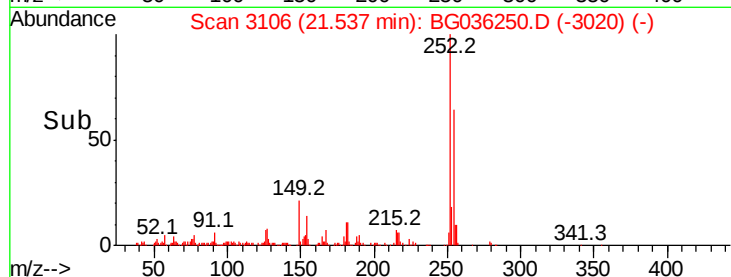
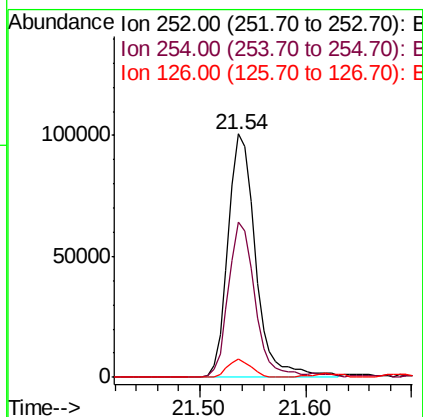
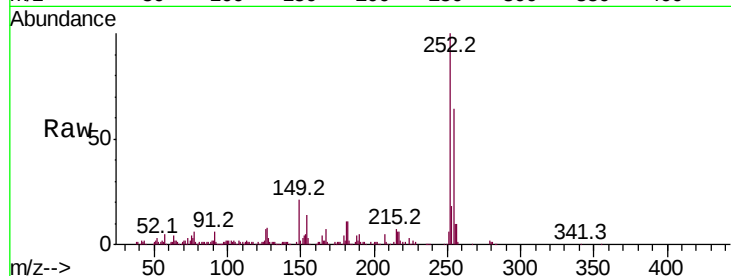




#81
 3,3'-Dichlorobenzidine
 Concen: 32.299 ng
 RT: 21.54 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

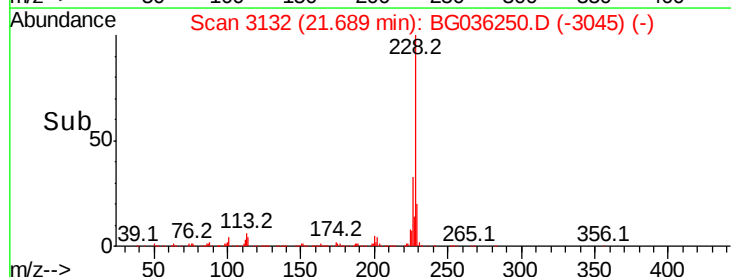
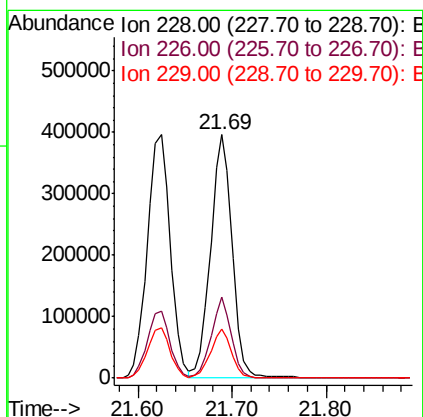
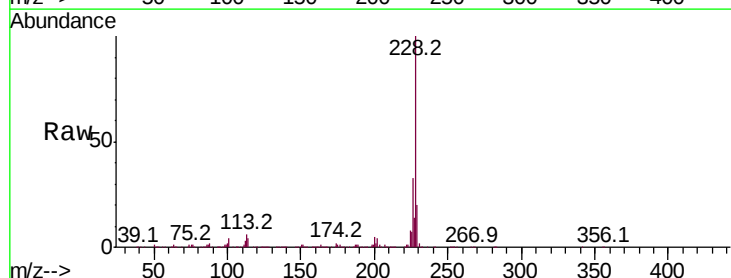
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.8	76.2
126	7.3	7.4	11.2#



#82
 Chrysene
 Concen: 42.203 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036250.D
 Acq: 10 Aug 2018 2:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.9	37.3
229	20.0	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.197 ng

RT: 21.52 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

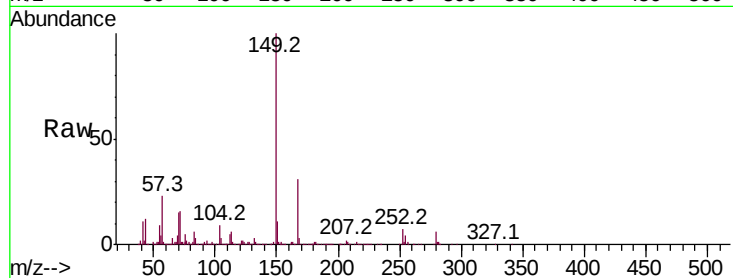
Tot Ion:149 Resp: 344671

Ion Ratio Lower Upper

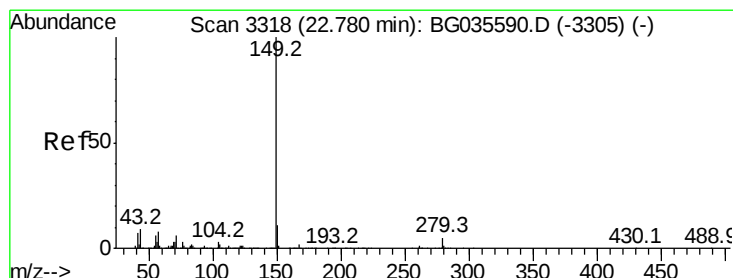
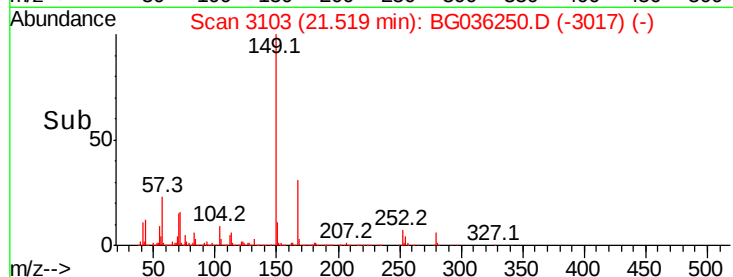
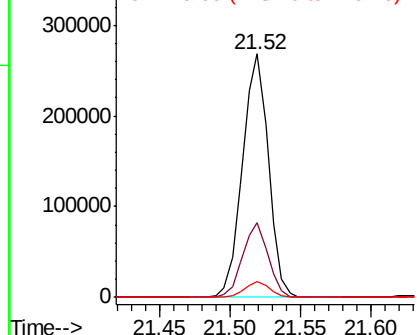
149 100

167 30.6 24.3 36.5

279 6.3 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: 43.333 ng

RT: 22.71 min Scan# 3306

Delta R.T. -0.03 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

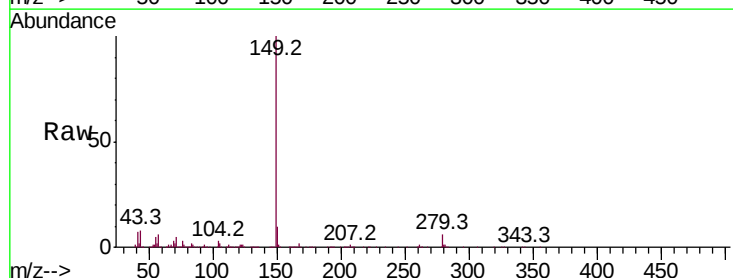
Tgt Ion:149 Resp: 578922

Ion Ratio Lower Upper

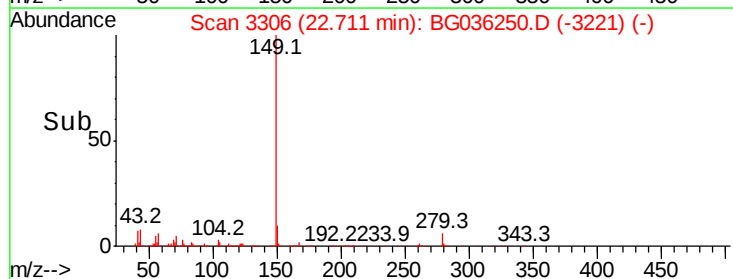
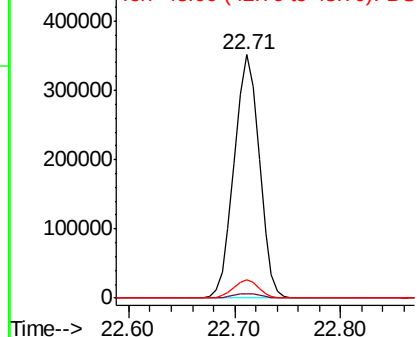
149 100

167 1.9 1.4 2.0

43 7.6 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: 42.051 ng

RT: 28.46 min Scan# 4285

Delta R.T. -0.04 min

Lab File: BG036250.D

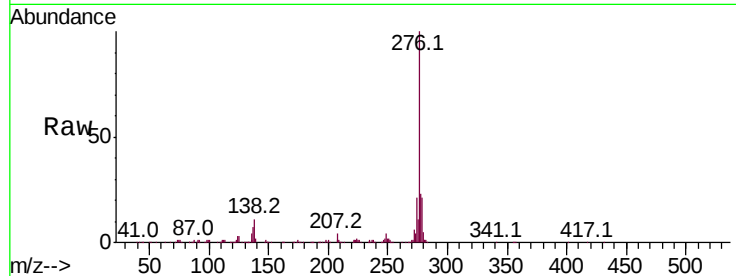
Acq: 10 Aug 2018 2:09

Instrument :

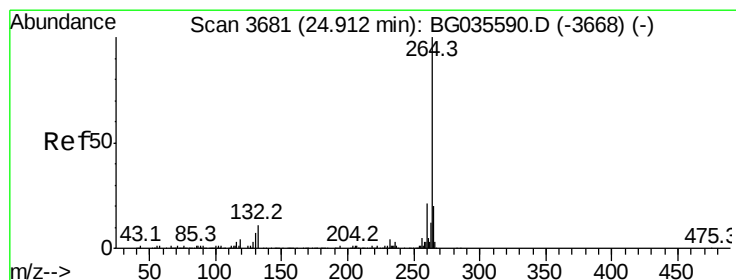
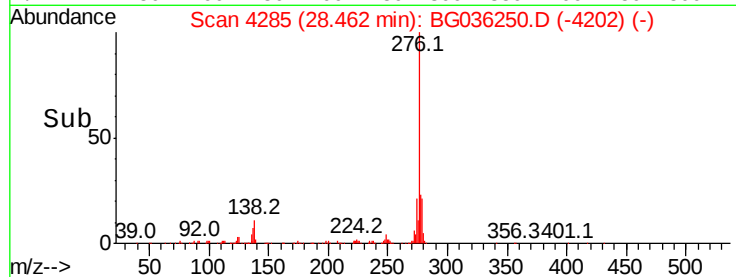
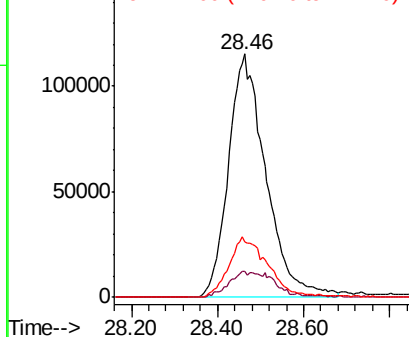
BNA_G

ClientSampleId :

Tot Ion:276	Resp:	697830
Ion Ratio	Lower	Upper
276	100	
138	5.3	16.0 24.0#
277	25.5	20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

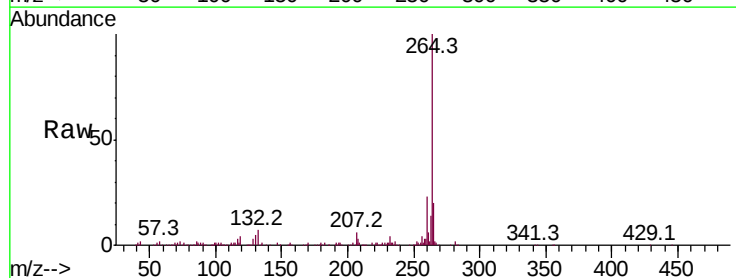
RT: 24.83 min Scan# 3667

Delta R.T. -0.03 min

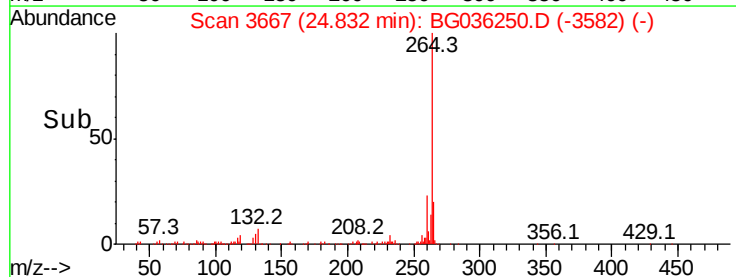
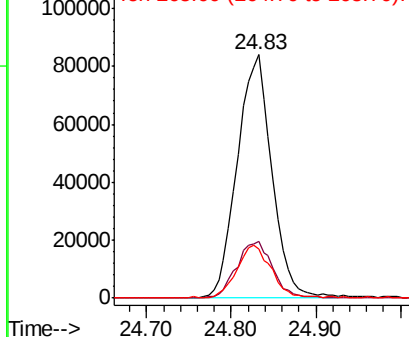
Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Tgt Ion:264	Resp:	239201
Ion Ratio	Lower	Upper
264	100	
260	23.5	17.4 26.0
265	20.2	17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.457 ng

RT: 23.82 min Scan# 3495

Delta R.T. -0.02 min

Lab File: BG036250.D

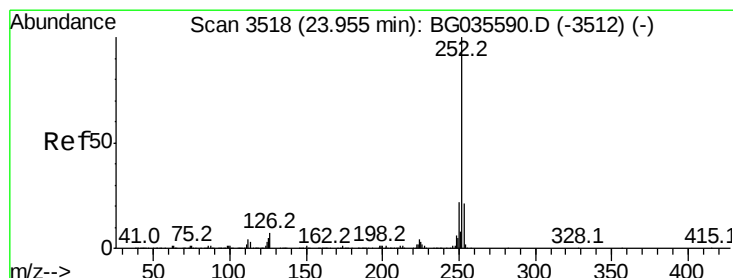
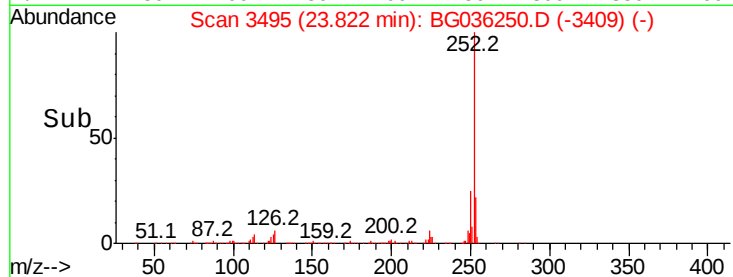
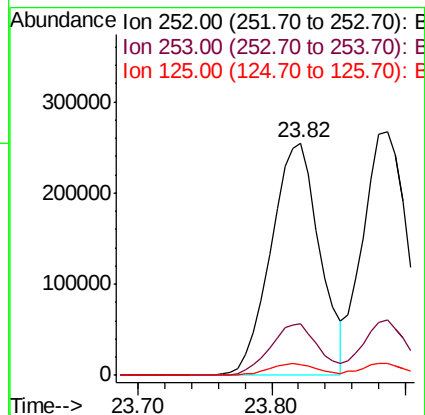
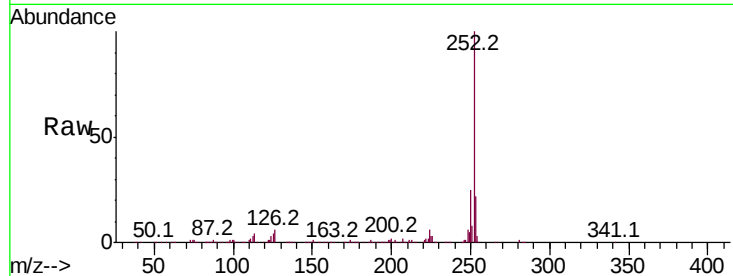
Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	646347
Ion Ratio	Lower	Upper
252	100	
253	22.5	18.2 27.4
125	4.4	7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 43.374 ng

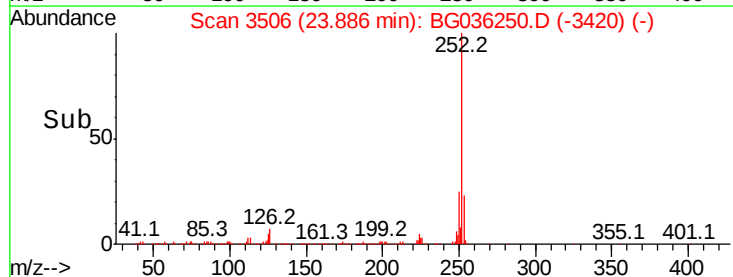
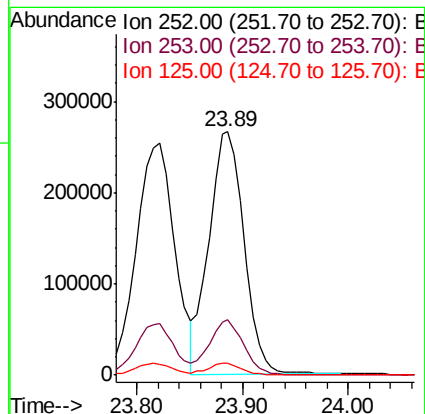
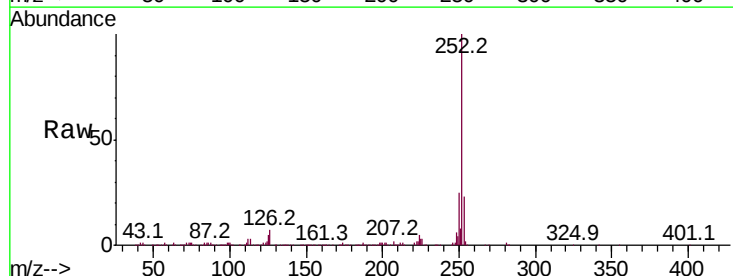
RT: 23.89 min Scan# 3506

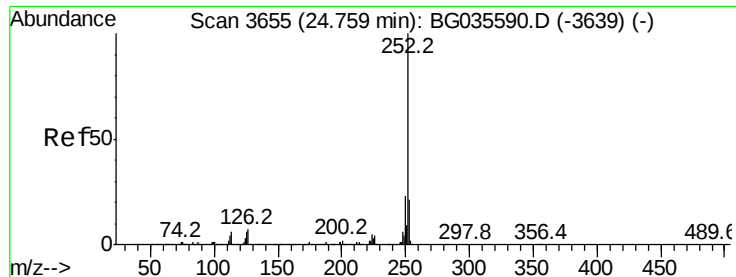
Delta R.T. -0.02 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Tgt Ion:252	Resp:	616495
Ion Ratio	Lower	Upper
252	100	
253	22.8	17.4 26.2
125	5.0	6.6 9.8#





#89

Benzo(a)pyrene

Concen: 45.742 ng

RT: 24.68 min Scan# 3641

Delta R.T. -0.03 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

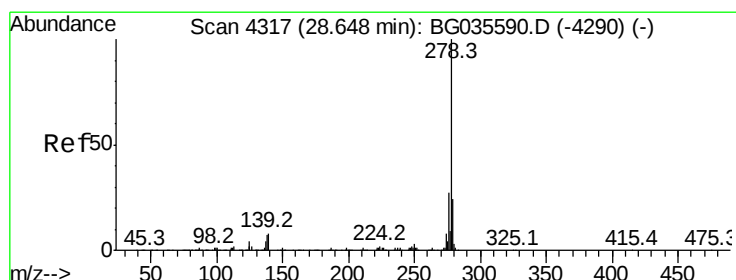
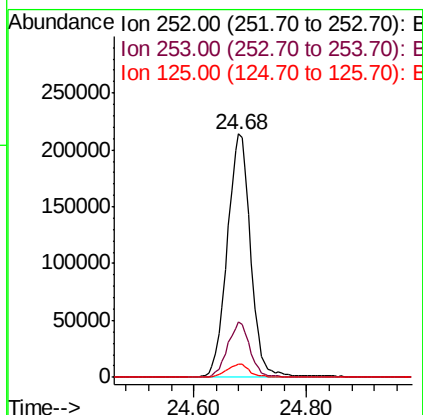
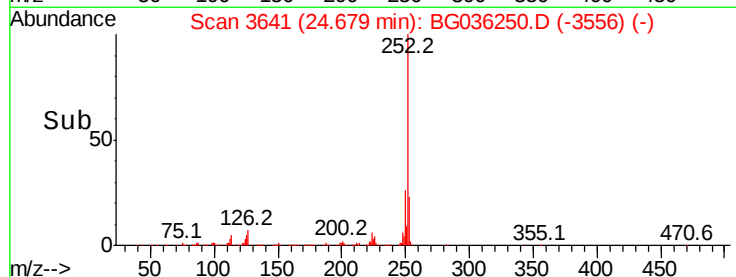
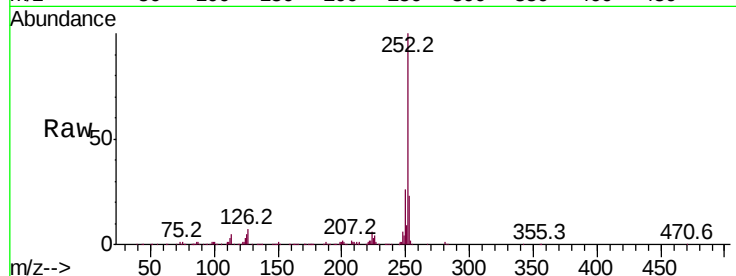
Tot Ion:252 Resp: 618691

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

125 5.3 7.3 10.9#



#90

Dibenzo(a,h)anthracene

Concen: 42.276 ng

RT: 28.52 min Scan# 4295

Delta R.T. -0.05 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

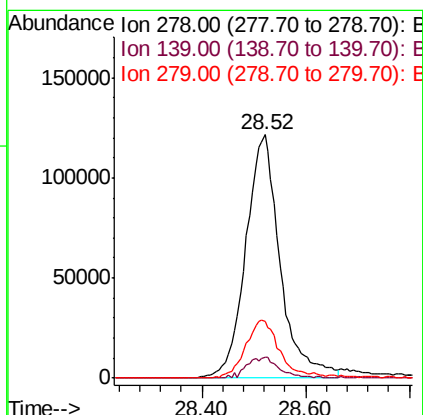
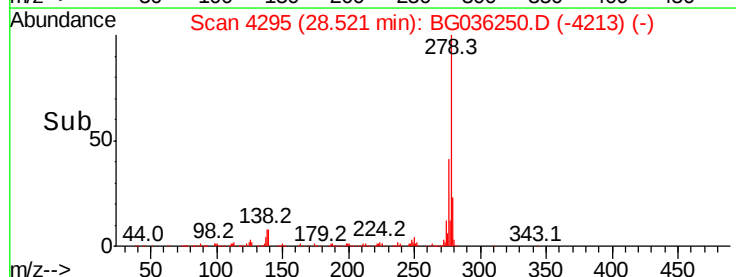
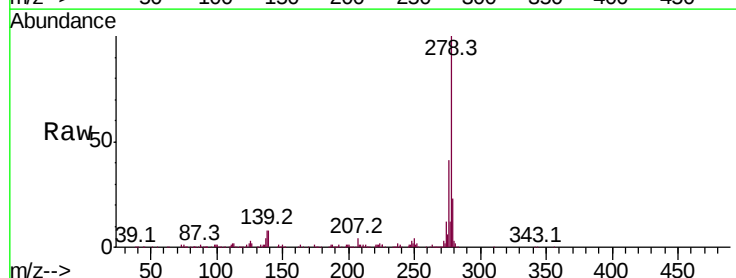
Tgt Ion:278 Resp: 561372

Ion Ratio Lower Upper

278 100

139 8.3 9.8 14.6#

279 23.4 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 45.148 ng

RT: 29.60 min Scan# 4479

Delta R.T. -0.03 min

Lab File: BG036250.D

Acq: 10 Aug 2018 2:09

Instrument :

BNA_G

ClientSampleId :

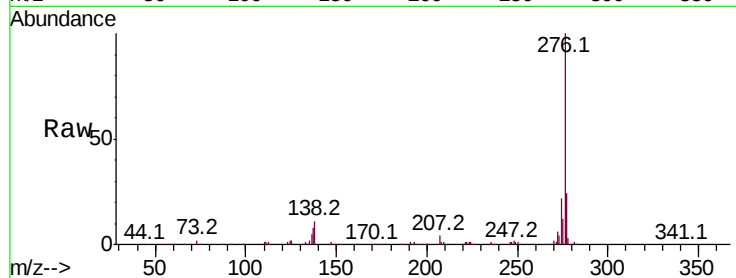
Tot Ion: 276 Resp: 586647

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 11.0 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

