

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036235.D
 Acq On : 9 Aug 2018 16:19
 Operator : JU/SJ
 Sample : PB111891BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 04:24:06 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	28911	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	114337	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	83847	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	230245	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	248829	20.00	ng	-0.02
86) Perylene-d12	24.83	264	221900	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	245838	141.17	ng	0.00
7) Phenol-d6	7.18	99	352276	135.59	ng	-0.01
23) Nitrobenzene-d5	9.17	82	231327	84.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	176647	159.84	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	541911	86.59	ng	-0.02
78) Terphenyl-d14	19.99	244	1069589	94.75	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	27628	31.172	ng	# 79
3) Pyridine	3.90	79	76418	33.027	ng	# 70
4) n-Nitrosodimethylamine	3.81	42	36279	36.517	ng	# 82
6) Aniline	7.34	93	116028	34.455	ng	95
8) 2-Chlorophenol	7.58	128	86111	48.621	ng	90
9) Benzaldehyde	7.16	77	48445	30.389	ng	93
10) Phenol	7.21	94	125058	47.643	ng	91
11) bis(2-Chloroethyl)ether	7.43	93	81582	39.687	ng	89
12) 1,3-Dichlorobenzene	7.90	146	98880	46.233	ng	96
13) 1,4-Dichlorobenzene	8.04	146	102007	46.942	ng	92
14) 1,2-Dichlorobenzene	8.36	146	93979	45.018	ng	95
15) Benzyl Alcohol	8.25	79	97116	41.162	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.53	45	88189	51.171	ng	71
17) 2-Methylphenol	8.46	107	84911	47.579	ng	# 93
18) Hexachloroethane	9.08	117	37931	45.652	ng	86
19) n-Nitroso-di-n-propylamine	8.81	70	78833	36.032	ng	# 86
20) 3+4-Methylphenols	8.78	107	111907	45.200	ng	90
22) Acetophenone	8.83	105	147086	41.368	ng	# 94
24) Nitrobenzene	9.21	77	118912	43.200	ng	96
25) Isophorone	9.73	82	220948	43.487	ng	99
26) 2-Nitrophenol	9.92	139	51420	52.599	ng	# 88
27) 2,4-Dimethylphenol	9.99	122	88349	53.390	ng	89
28) bis(2-Chloroethoxy)methane	10.21	93	115927	41.408	ng	98
29) 2,4-Dichlorophenol	10.46	162	100629	53.273	ng	88
30) 1,2,4-Trichlorobenzene	10.67	180	111477	48.128	ng	94
31) Naphthalene	10.86	128	260459	43.731	ng	100
32) Benzoic acid	10.17	122	24973	22.418	ng	# 86
33) 4-Chloroaniline	10.97	127	70030	26.978	ng	# 92
34) Hexachlorobutadiene	11.14	225	89126	49.345	ng	96
35) Caprolactam	11.77	113	23048	28.433	ng	# 67
36) 4-Chloro-3-methylphenol	12.10	107	122725	48.470	ng	95
37) 2-Methylnaphthalene	12.46	142	208781	47.052	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	150085	47.425	ng	99
40) Hexachlorocyclopentadiene	12.81	237	167544	100.949	ng	89

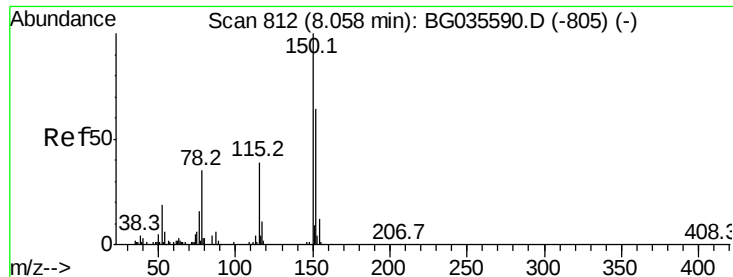
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036235.D
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Quant Time: Aug 10 04:24:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue 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	13.07	196	94336	50.973	ng	97
43) 2,4,5-Trichlorophenol	13.15	196	103534	50.007	ng	97
45) 1,1'-Biphenyl	13.46	154	283674	43.638	ng	97
46) 2-Chloronaphthalene	13.51	162	226415	44.777	ng	99
47) 2-Nitroaniline	13.72	65	81225	45.437	ng	94
48) Acenaphthylene	14.36	152	375562	44.340	ng	97
49) Dimethylphthalate	14.09	163	318567	43.365	ng	99
50) 2,6-Dinitrotoluene	14.21	165	73025	48.815	ng	92
51) Acenaphthene	14.70	154	220843	41.855	ng	98
52) 3-Nitroaniline	14.55	138	52793	34.528	ng #	95
53) 2,4-Dinitrophenol	14.76	184	64548	83.585	ng #	64
54) Dibenzofuran	15.03	168	374404	44.618	ng	93
55) 4-Nitrophenol	14.87	139	84830	77.905	ng #	82
56) 2,4-Dinitrotoluene	15.00	165	107148	49.925	ng	92
57) Fluorene	15.68	166	315138	44.807	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.26	232	105173	52.982	ng #	92
59) Diethylphthalate	15.44	149	317227	41.996	ng	99
60) 4-Chlorophenyl-phenylether	15.67	204	182944	44.256	ng	98
61) 4-Nitroaniline	15.71	138	65484	40.943	ng #	75
62) Azobenzene	15.96	77	315009	42.277	ng	96
64) 4,6-Dinitro-2-methylphenol	15.77	198	61181	47.735	ng	87
65) n-Nitrosodiphenylamine	15.89	169	283227	43.217	ng	97
66) 4-Bromophenyl-phenylether	16.57	248	130575	48.882	ng	97
67) Hexachlorobenzene	16.69	284	131175	47.685	ng	92
68) Atrazine	16.84	200	127799	47.362	ng	98
69) Pentachlorophenol	17.04	266	122759	73.266	ng	99
70) Phenanthrene	17.42	178	514412	44.775	ng	99
71) Anthracene	17.51	178	524065	45.811	ng	98
72) Carbazole	17.78	167	467310	43.014	ng	98
73) Di-n-butylphthalate	18.33	149	547749	42.665	ng #	98
74) Fluoranthene	19.43	202	682094	44.076	ng	96
76) Benzidine	19.62	184	213635	32.657	ng	98
77) Pyrene	19.79	202	682846	43.400	ng	98
79) Butylbenzylphthalate	20.67	149	255730	45.451	ng	94
80) Benzo(a)anthracene	21.62	228	691746	44.610	ng	99
81) 3,3'-Dichlorobenzidine	21.54	252	191248	35.372	ng #	98
82) Chrysene	21.69	228	652578	45.415	ng	99
83) Bis(2-ethylhexyl)phthalate	21.52	149	346280	45.270	ng	99
84) Di-n-octyl phthalate	22.71	149	585704	45.731	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	704345	44.274	ng #	91
87) Benzo(b)fluoranthene	23.82	252	652670	48.392	ng #	97
88) Benzo(k)fluoranthene	23.89	252	643591	48.811	ng #	97
89) Benzo(a)pyrene	24.68	252	636284	50.711	ng #	95
90) Dibenzo(a,h)anthracene	28.52	278	596617	48.434	ng #	95
91) Benzo(g,h,i)perylene	29.60	276	596808	49.511	ng #	92

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

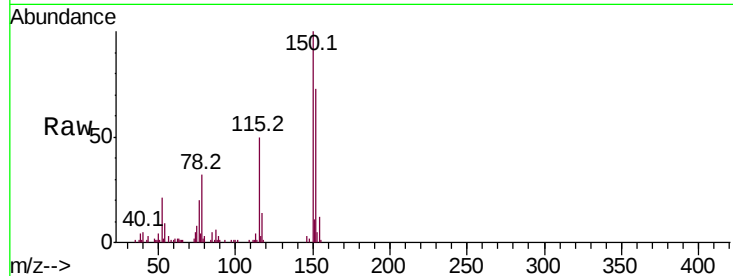


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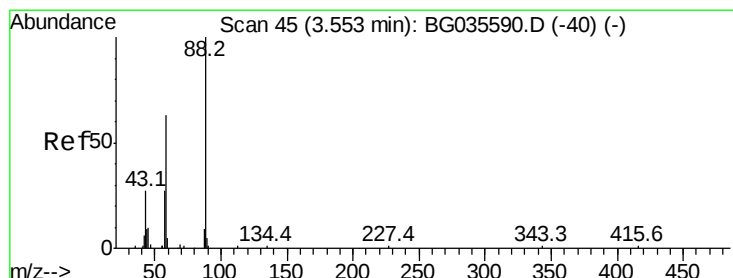
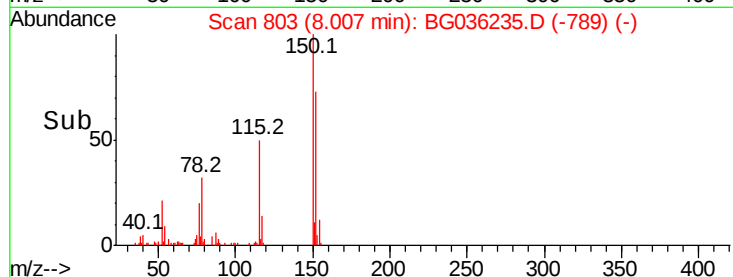
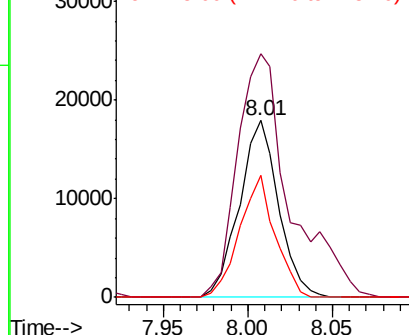
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28911
Ion Ratio Lower Upper
152 100
150 137.7 126.6 189.8
115 68.8 53.0 79.4



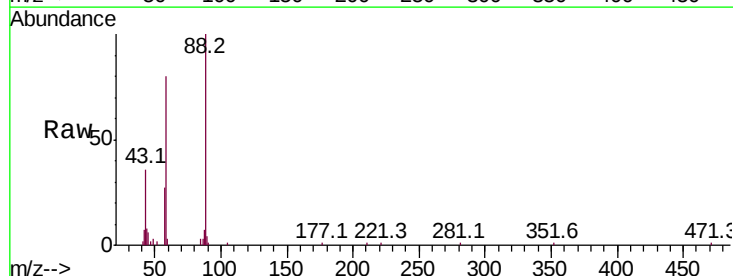
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



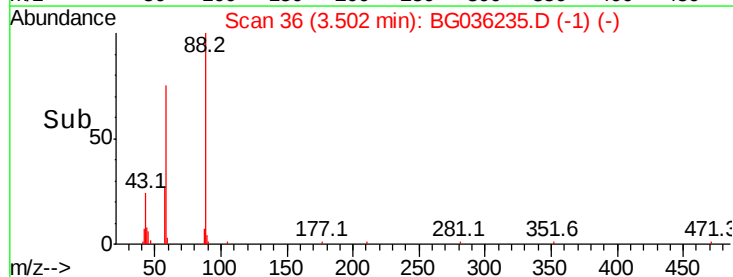
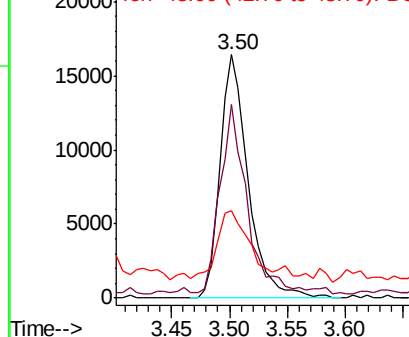
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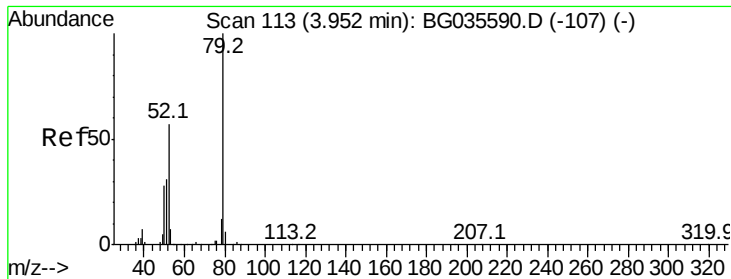
1,4-Dioxane
Concen: 31.172 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion: 88 Resp: 27628
Ion Ratio Lower Upper
88 100
58 73.7 79.6 119.4#
43 30.7 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: 33.027 ng

RT: 3.90 min Scan# 103

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

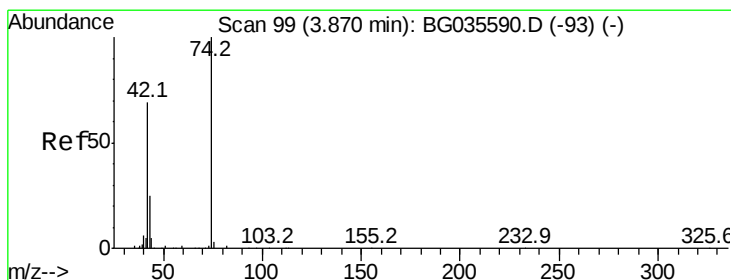
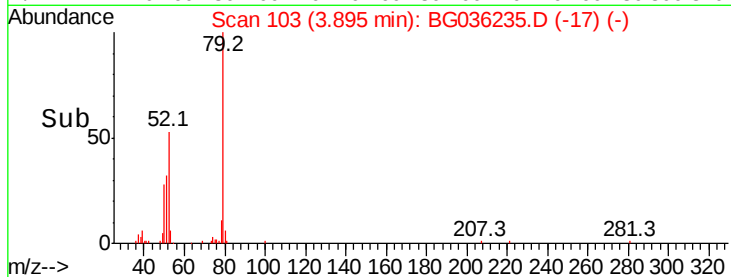
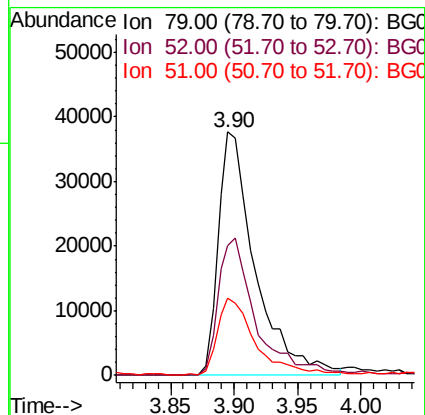
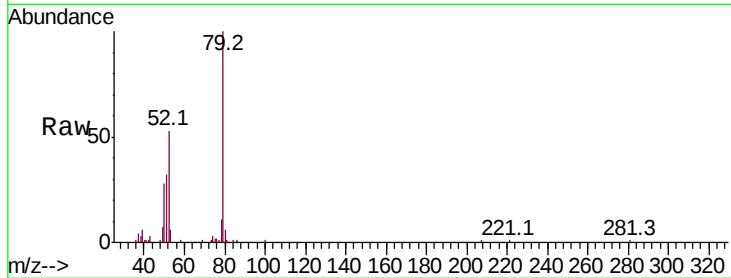
Tot Ion: 79 Resp: 76418

Ion Ratio Lower Upper

79 100

52 53.3 69.9 104.9#

51 32.0 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 36.517 ng

RT: 3.81 min Scan# 89

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

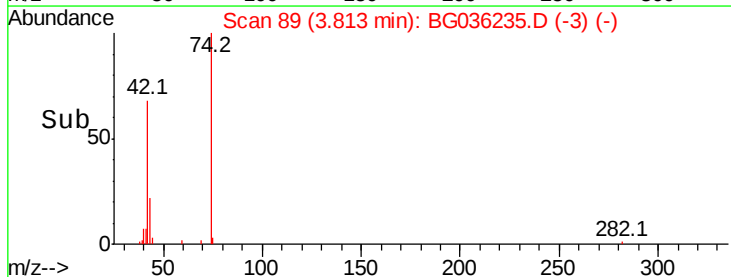
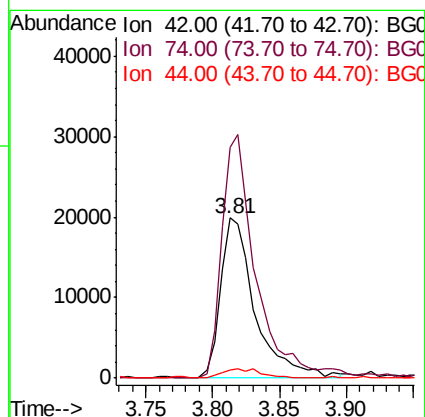
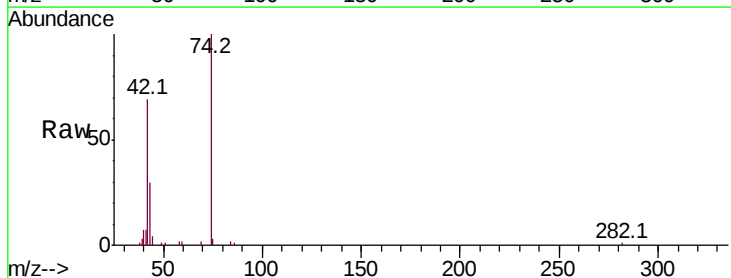
Tgt Ion: 42 Resp: 36279

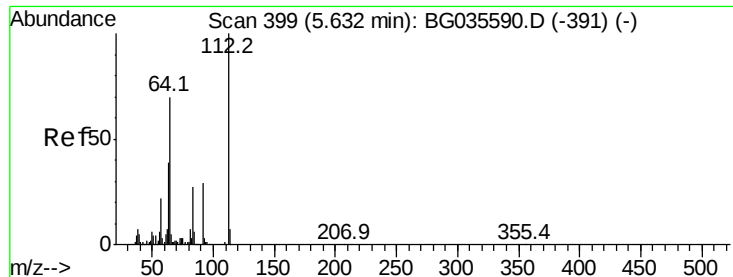
Ion Ratio Lower Upper

42 100

74 144.3 102.5 153.7

44 5.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 141.174 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

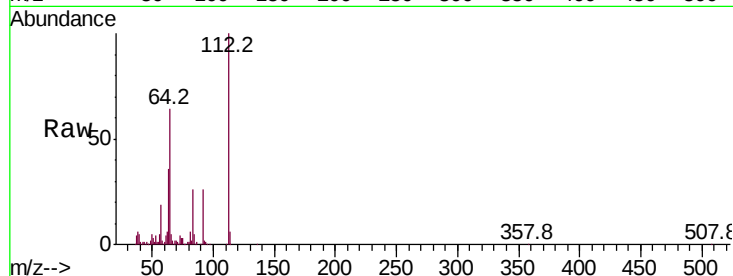
Tot Ion:112 Resp: 245838

Ion Ratio Lower Upper

112 100

64 63.5 56.3 84.5

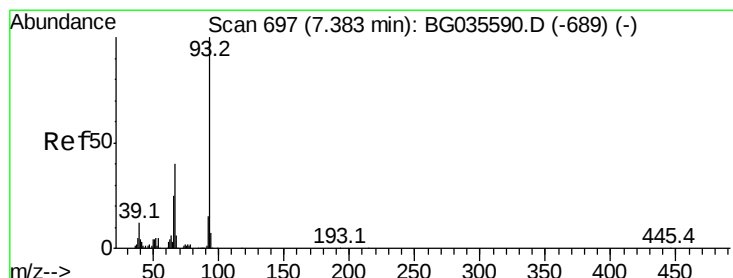
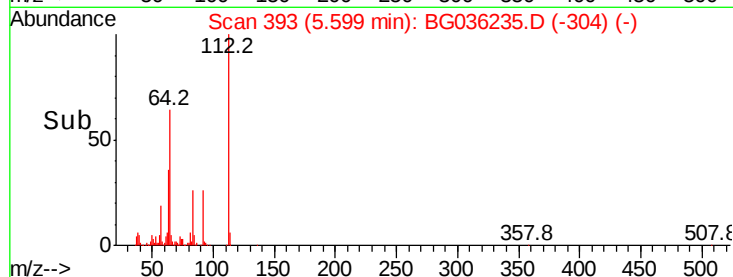
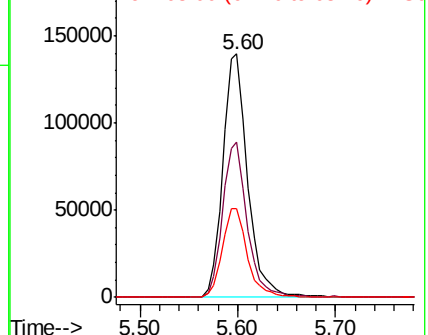
63 36.3 30.1 45.1



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: 34.455 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

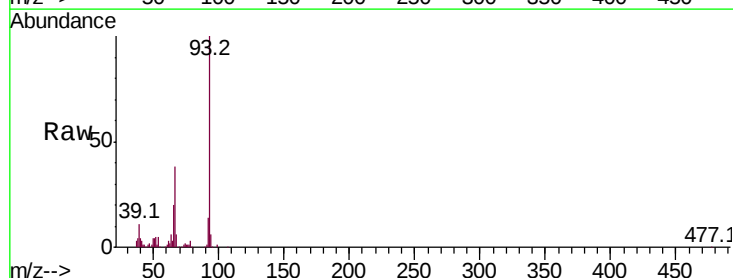
Tgt Ion: 93 Resp: 116028

Ion Ratio Lower Upper

93 100

66 38.2 33.7 50.5

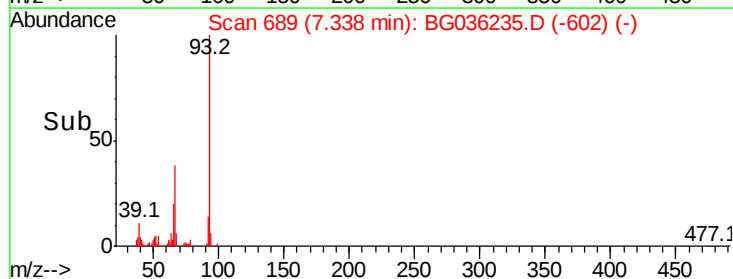
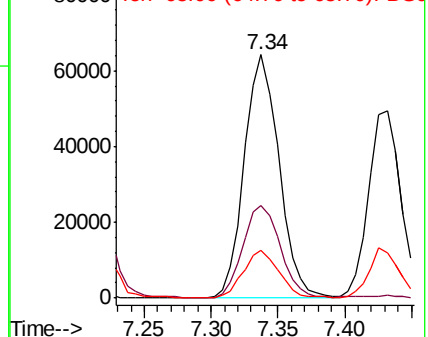
65 19.6 16.1 24.1

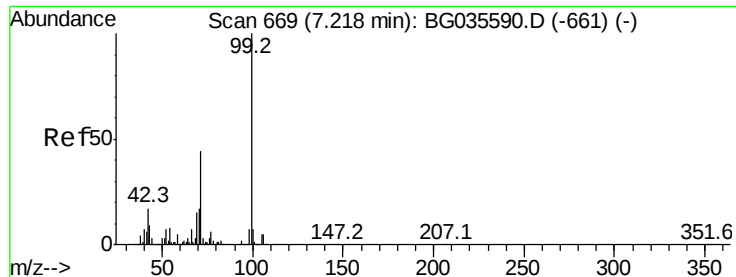


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.589 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampled :

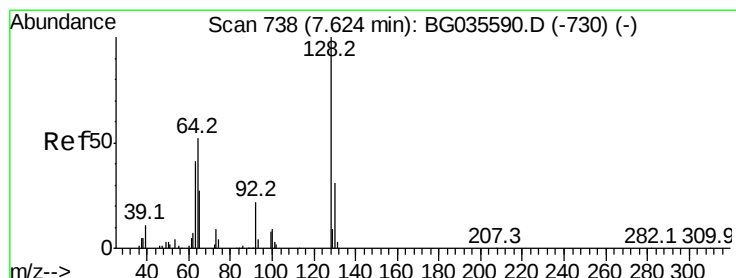
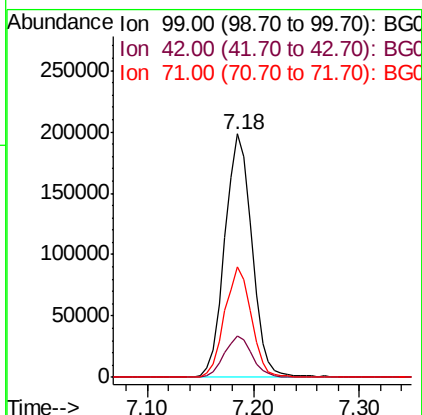
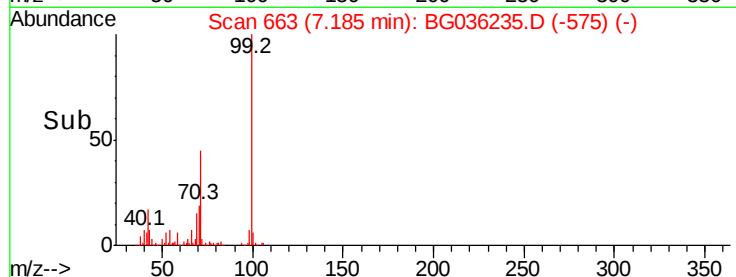
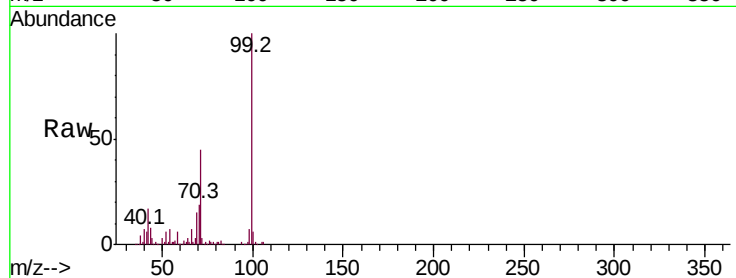
Tot Ion: 99 Resp: 352276

Ion Ratio Lower Upper

99 100

42 16.8 14.1 21.1

71 45.3 26.1 39.1#



#8

2-Chlorophenol

Concen: 48.621 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

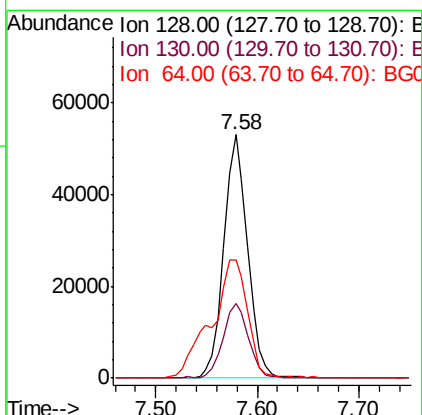
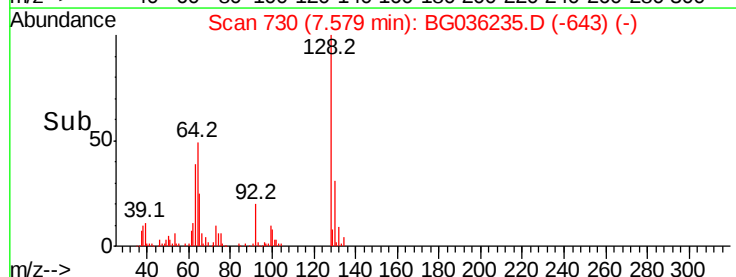
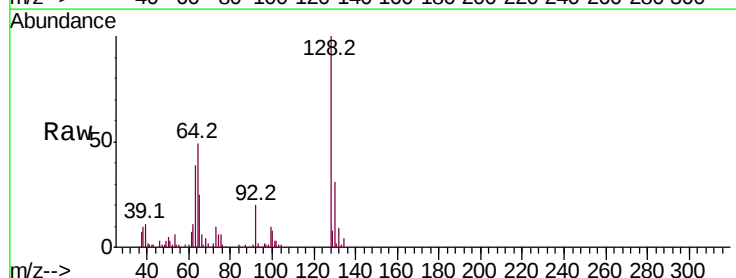
Tgt Ion:128 Resp: 86111

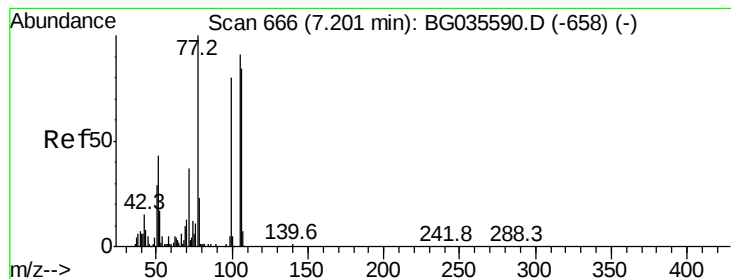
Ion Ratio Lower Upper

128 100

130 30.5 14.0 54.0

64 48.5 37.7 77.7





#9

Benzaldehyde

Concen: 30.389 ng

RT: 7.16 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

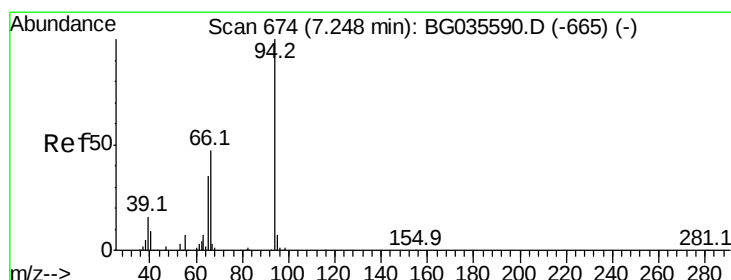
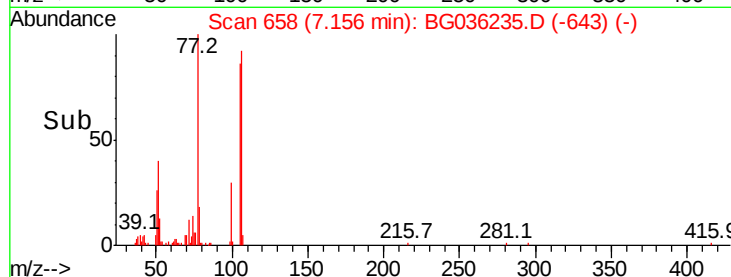
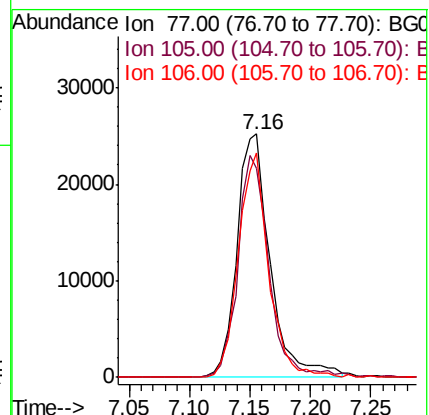
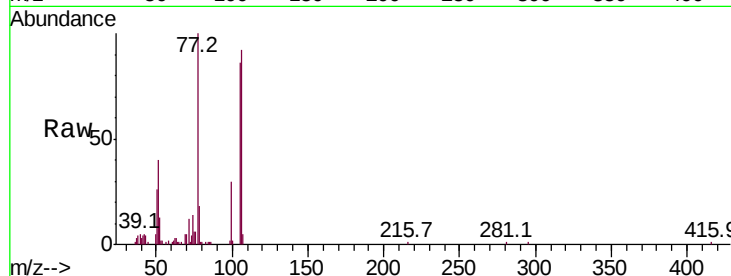
Tot Ion: 77 Resp: 48445

Ion Ratio Lower Upper

77 100

105 86.0 71.3 111.3

106 92.0 64.2 104.2



#10

Phenol

Concen: 47.643 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

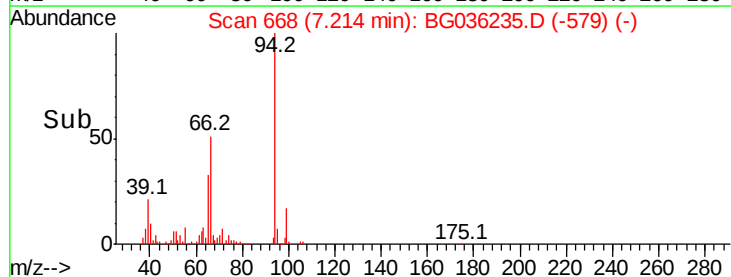
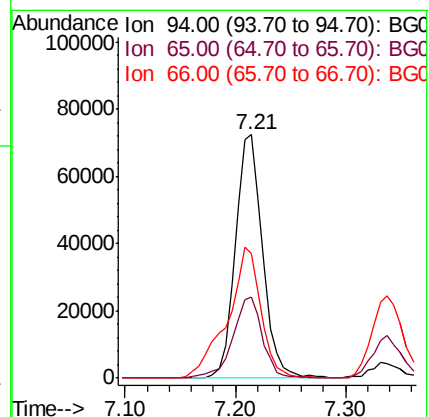
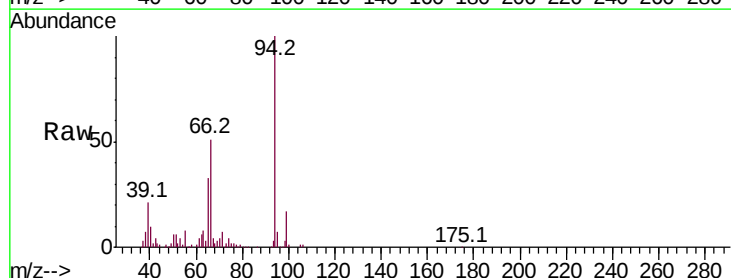
Tgt Ion: 94 Resp: 125058

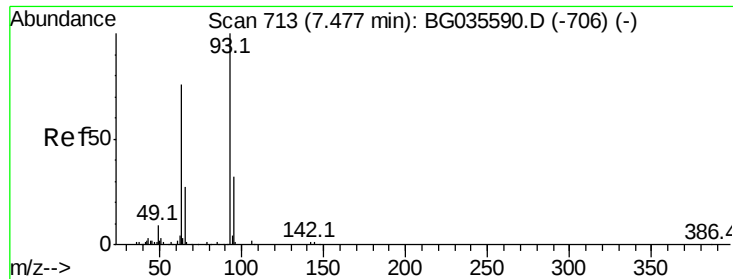
Ion Ratio Lower Upper

94 100

65 33.3 11.9 51.9

66 51.3 22.2 62.2

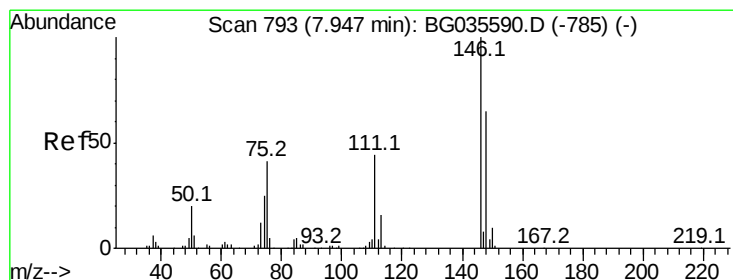
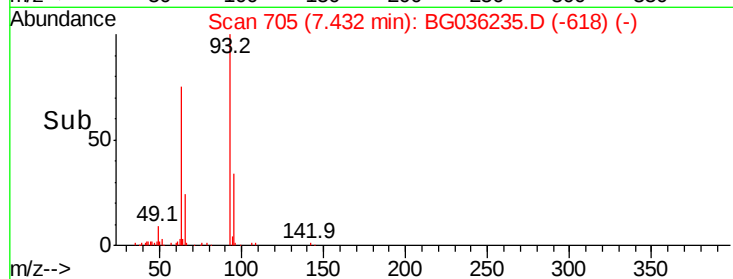
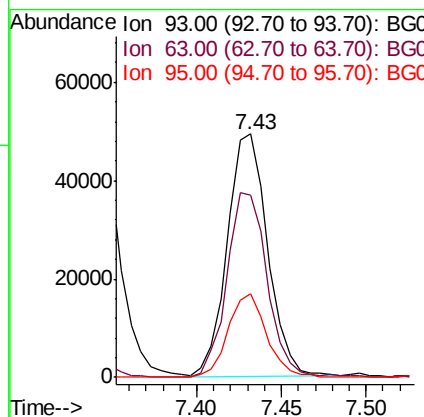
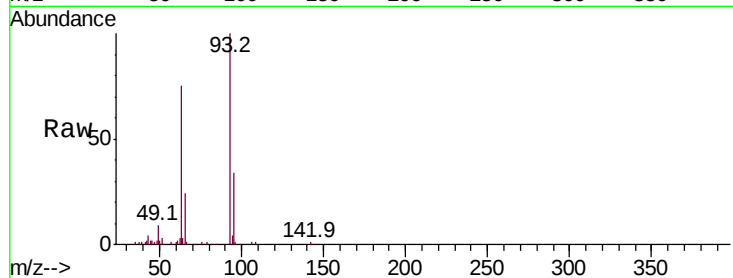




#11
bis(2-Chloroethyl)ether
Concen: 39.687 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

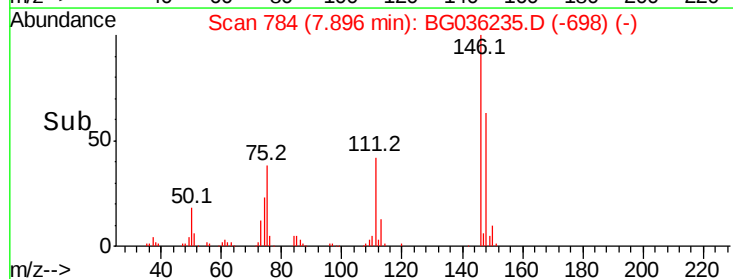
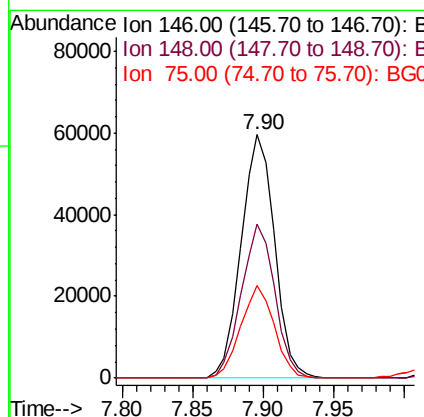
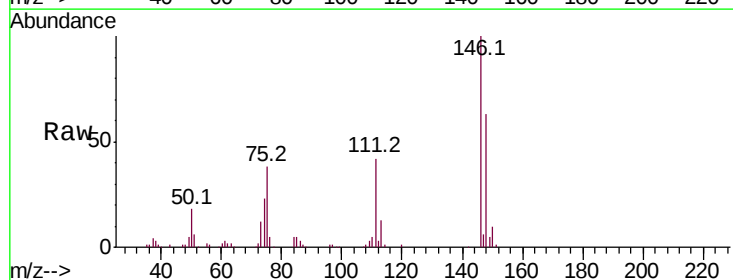
Instrument :
BNA_G
ClientSampleId :

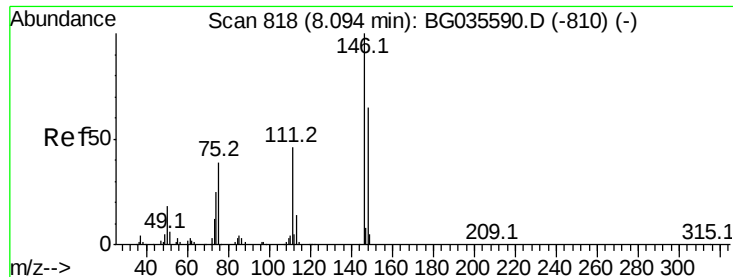
Tot Ion: 93 Resp: 81582
Ion Ratio Lower Upper
93 100
63 74.6 67.1 107.1
95 34.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 46.233 ng
RT: 7.90 min Scan# 784
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion: 146 Resp: 98880
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.2
75 37.9 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 46.942 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

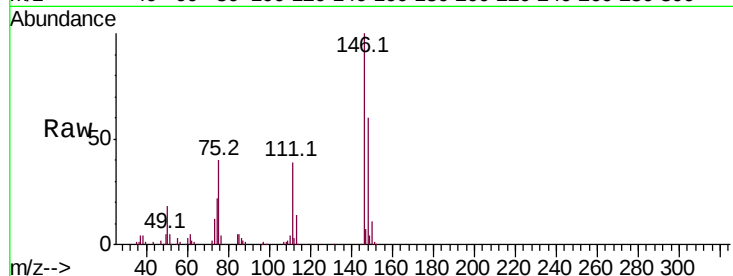
Tot Ion:146 Resp: 102007

Ion Ratio Lower Upper

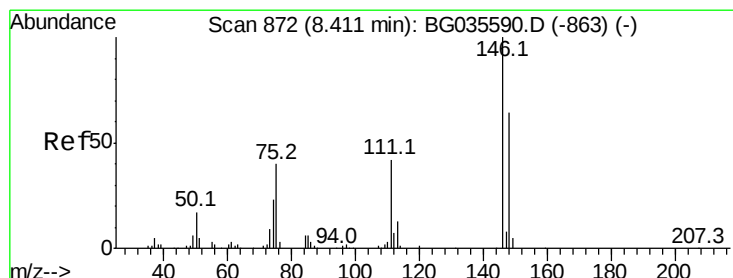
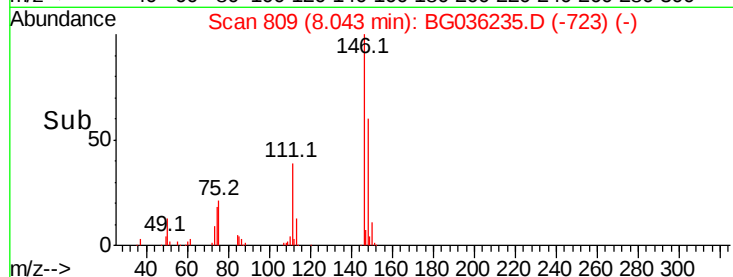
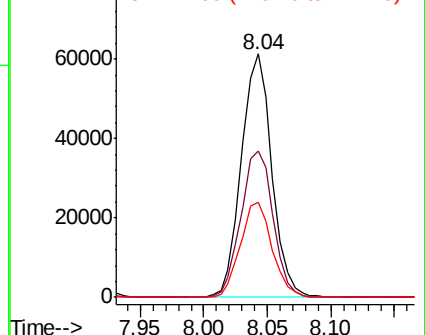
146 100

148 59.9 53.7 80.5

111 39.2 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 45.018 ng

RT: 8.36 min Scan# 863

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

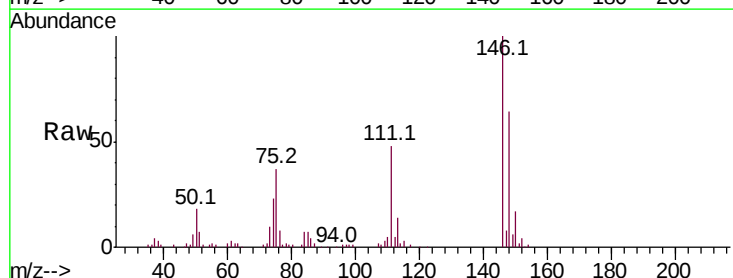
Tgt Ion:146 Resp: 93979

Ion Ratio Lower Upper

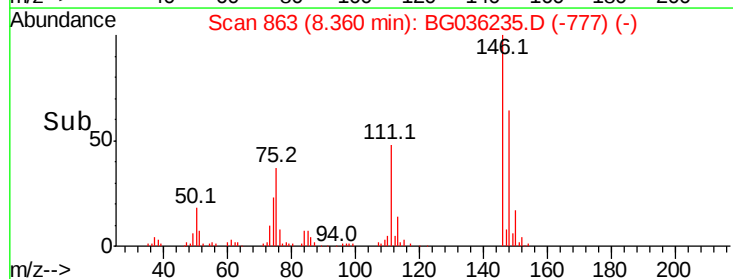
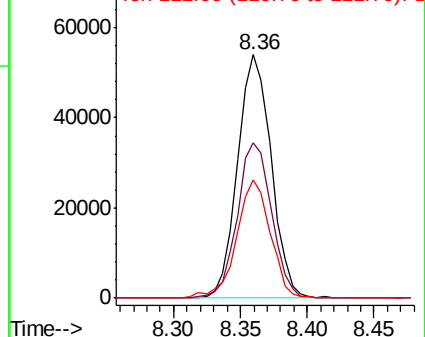
146 100

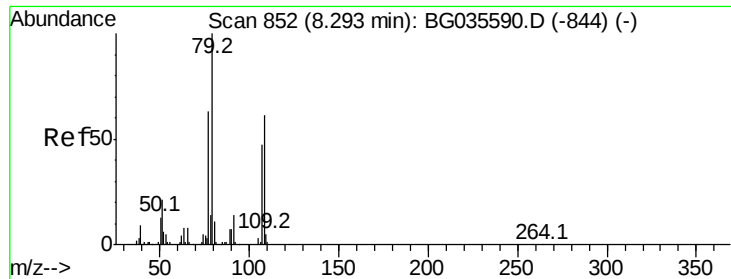
148 64.0 49.3 73.9

111 48.4 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 41.162 ng

RT: 8.25 min Scan# 844

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

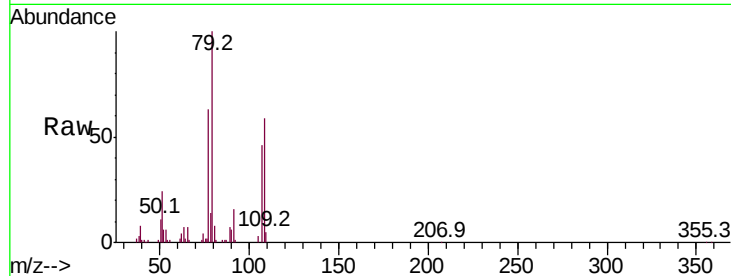
Tot Ion: 79 Resp: 97116

Ion Ratio Lower Upper

79 100

108 59.4 57.2 85.8

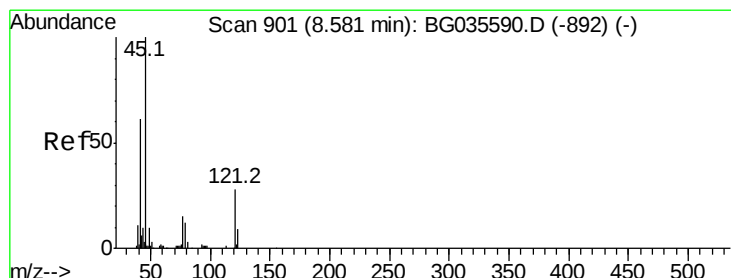
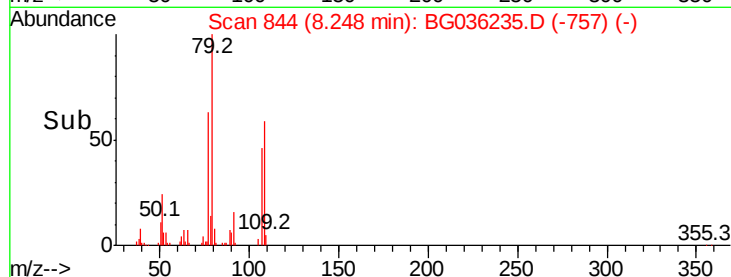
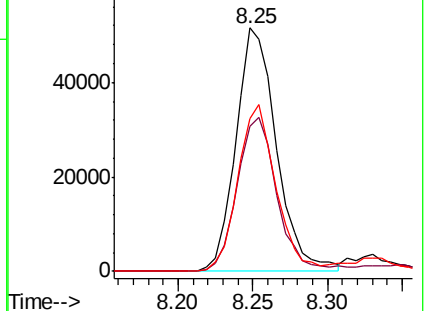
77 62.5 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.171 ng

RT: 8.53 min Scan# 892

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

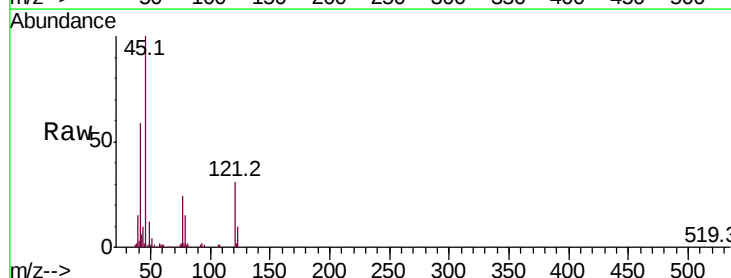
Tgt Ion: 45 Resp: 88189

Ion Ratio Lower Upper

45 100

77 23.7 0.0 30.2

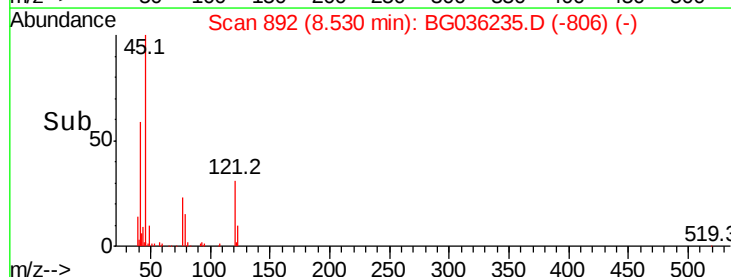
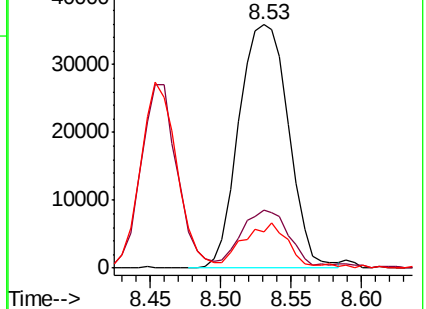
79 15.0 0.0 27.9

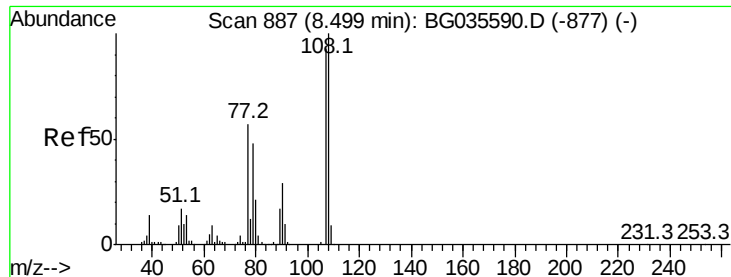


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 47.579 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG036235.D

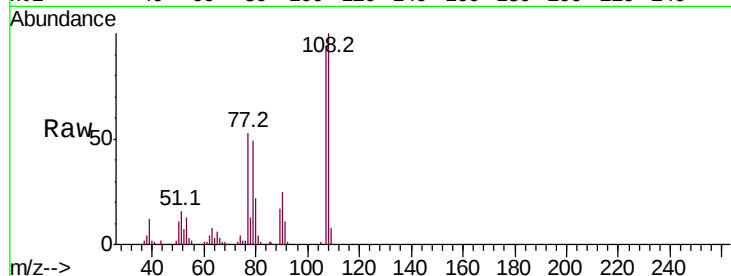
Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	84911
Ion	Ratio	Lower	Upper
107	100		
108	106.0	83.9	125.9
77	56.3	37.2	55.8#
79	52.5	36.2	54.2



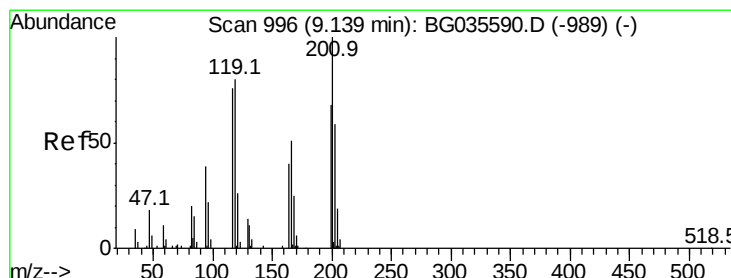
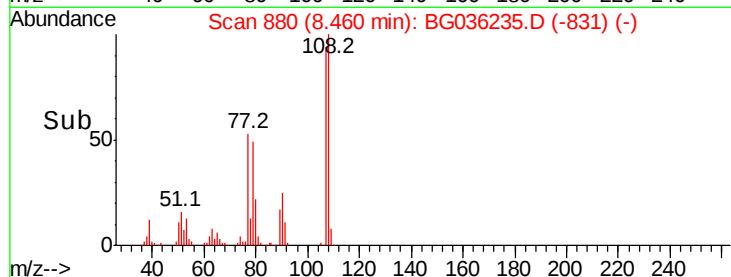
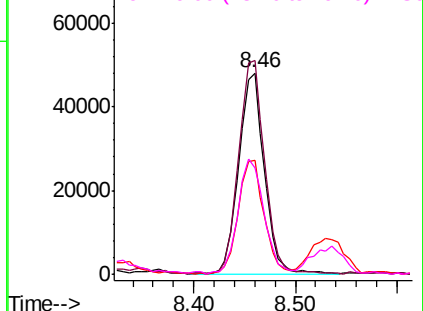
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.652 ng

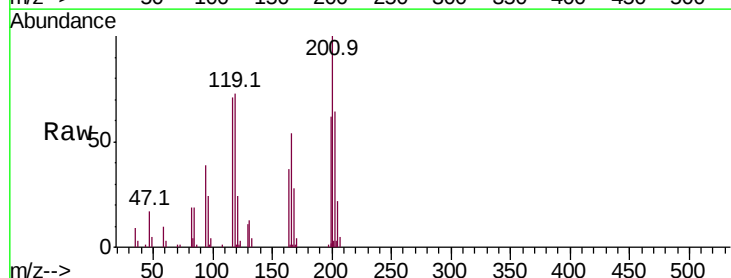
RT: 9.08 min Scan# 986

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion:	117	Resp:	37931
Ion	Ratio	Lower	Upper
117	100		
119	102.5	76.7	115.1
201	140.7	95.7	143.5

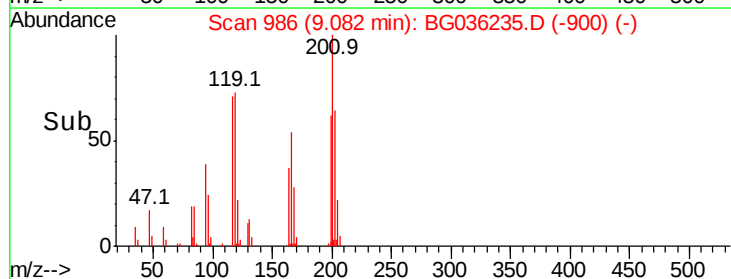
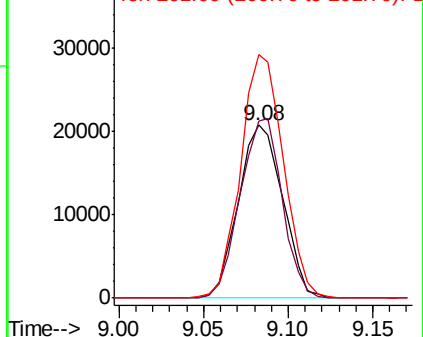


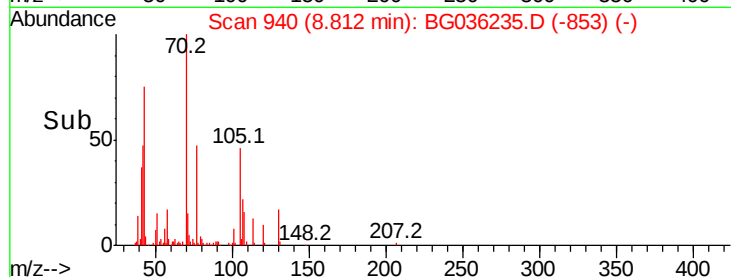
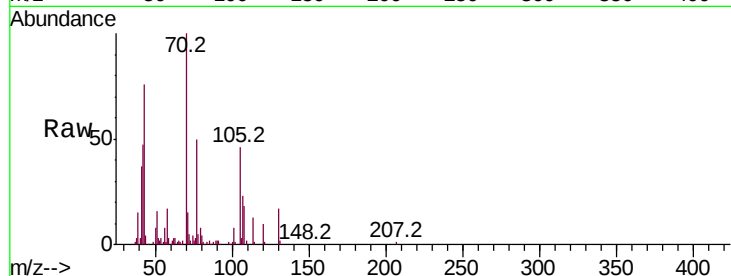
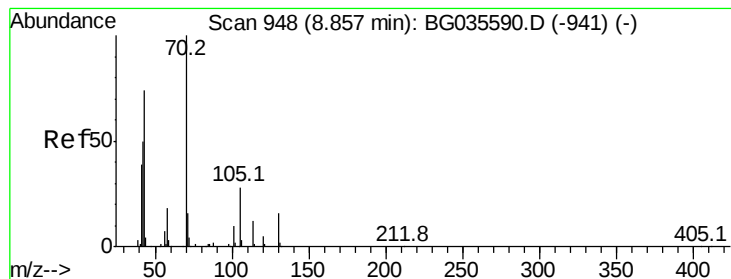
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.032 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.02 min

Lab File: BG036235.D

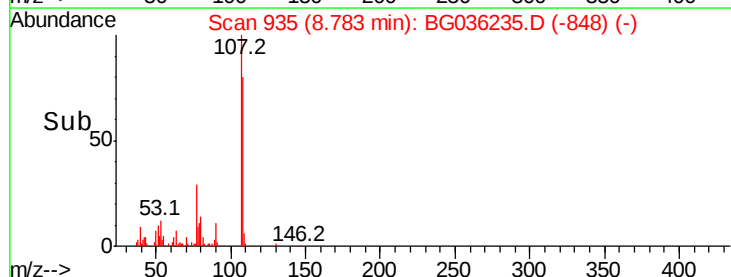
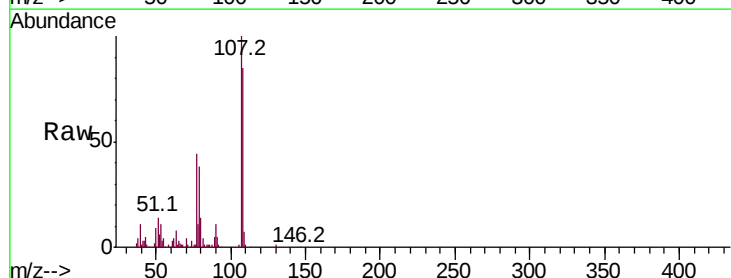
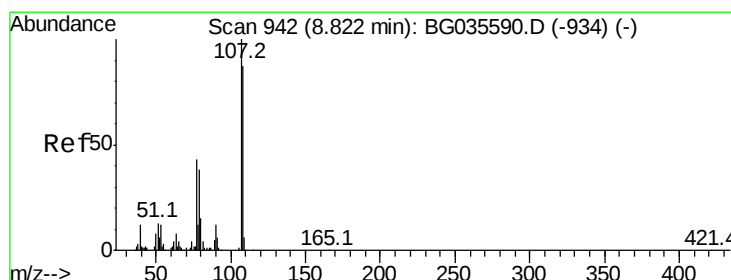
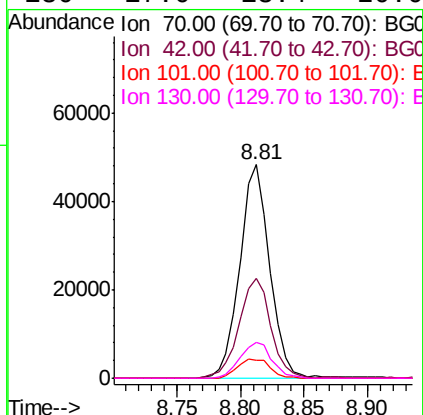
Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	70	Resp:	78833
Ion	Ratio	Lower	Upper
70	100		
42	46.9	49.1	73.7#
101	8.3	8.5	12.7#
130	17.0	13.4	20.0



#20

3+4-Methylphenols

Concen: 45.200 ng

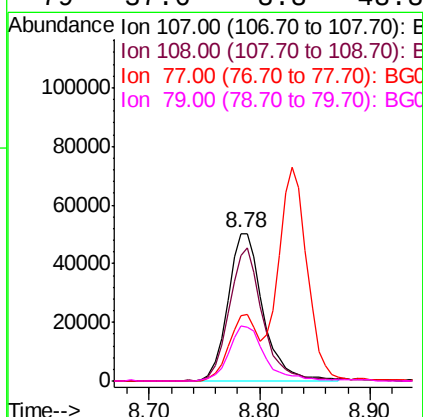
RT: 8.78 min Scan# 935

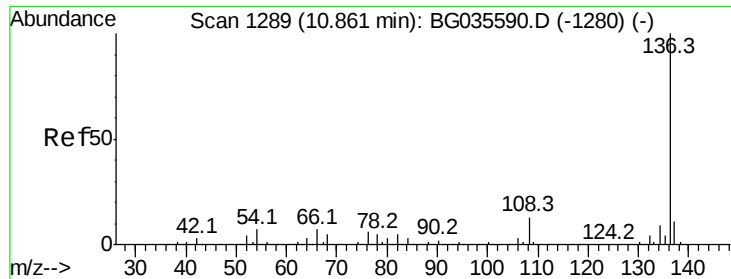
Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion:	107	Resp:	111907
Ion	Ratio	Lower	Upper
107	100		
108	85.3	61.6	101.6
77	44.4	13.9	53.9
79	37.6	8.8	48.8

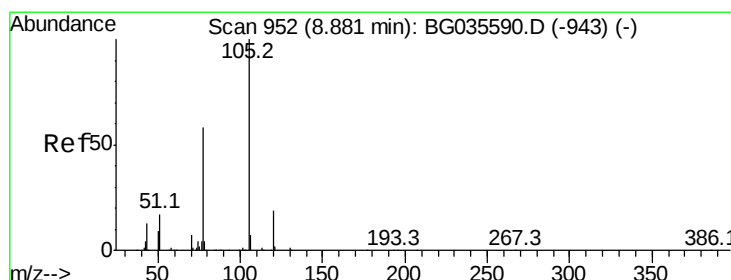
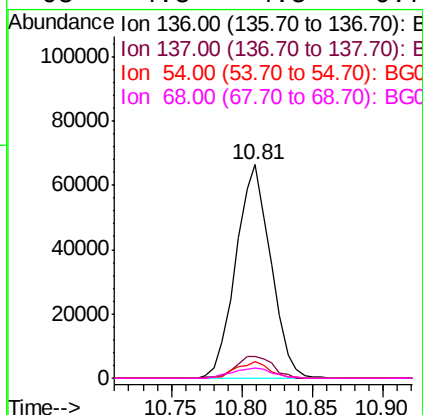
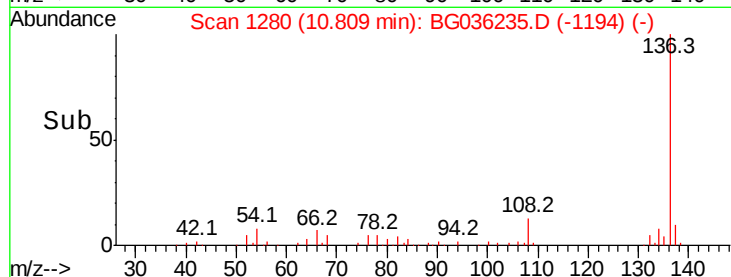
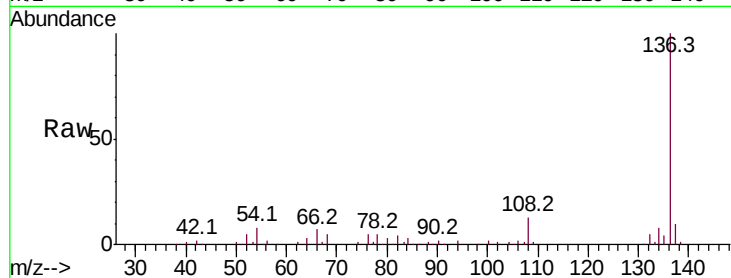




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

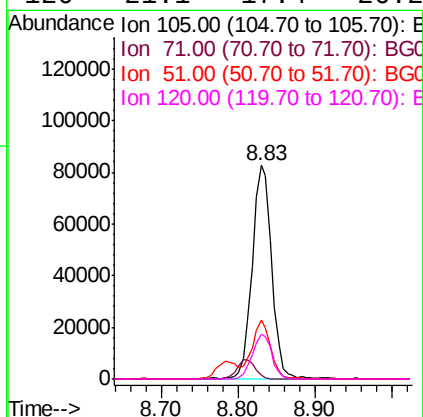
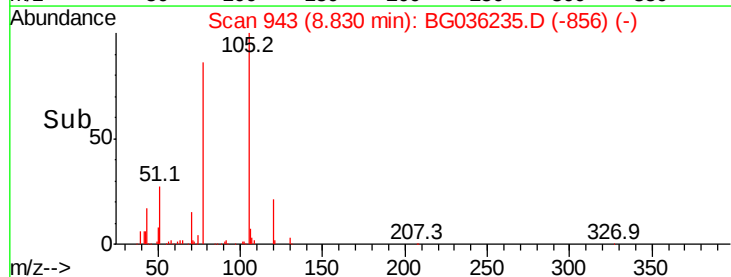
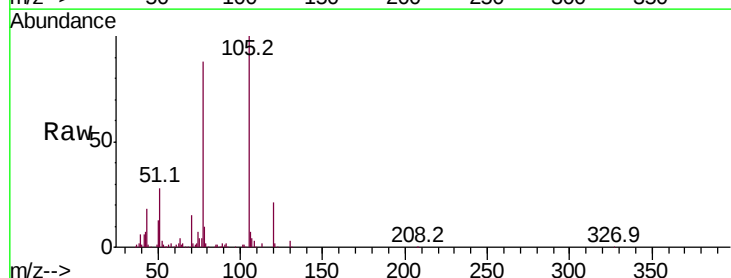
Instrument :
BNA_G
ClientSampleId :

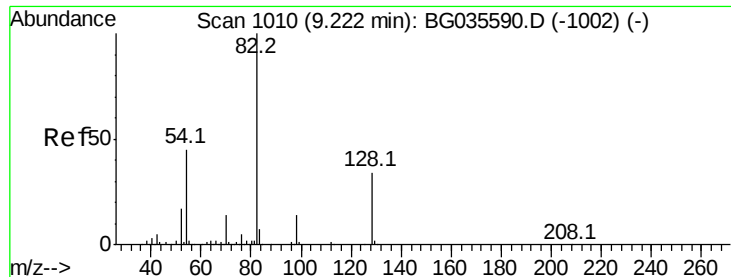
Tot Ion:	136	Resp:	114337
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	8.0	10.3	15.5#
68	4.8	4.5	6.7



#22
Acetophenone
Concen: 41.368 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion:	105	Resp:	147086
Ion	Ratio	Lower	Upper
105	100		
71	2.0	3.0	4.4#
51	27.8	26.1	39.1
120	21.1	17.4	26.2

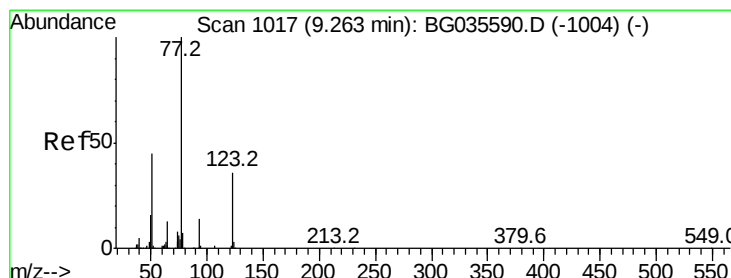
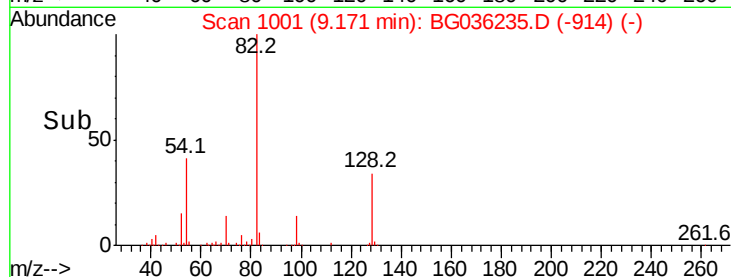
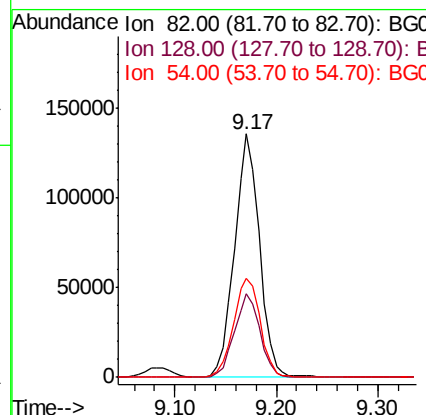
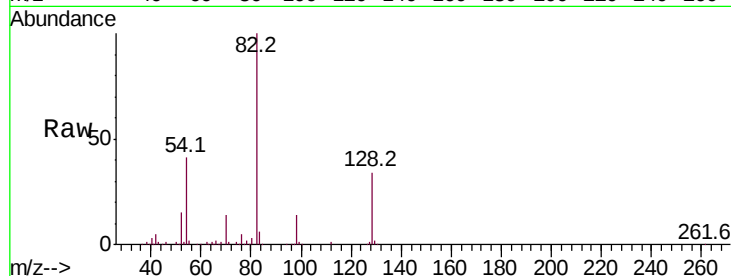




#23
Nitrobenzene-d5
Concen: 84.519 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

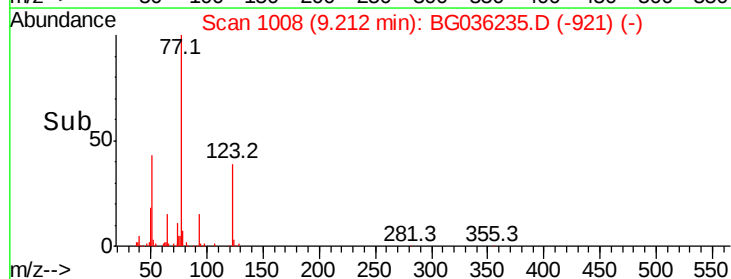
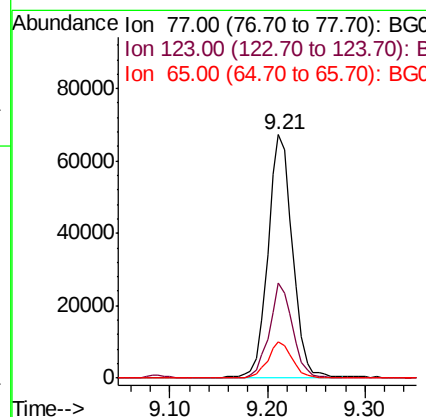
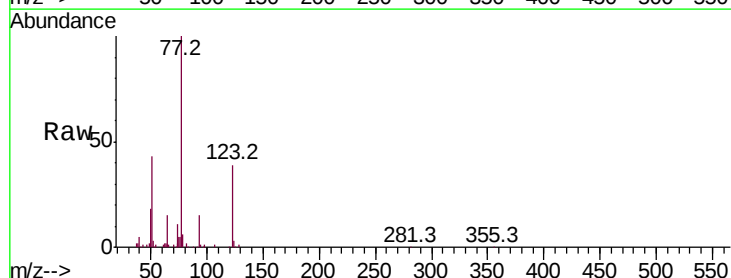
Instrument :
BNA_G
ClientSampleId :

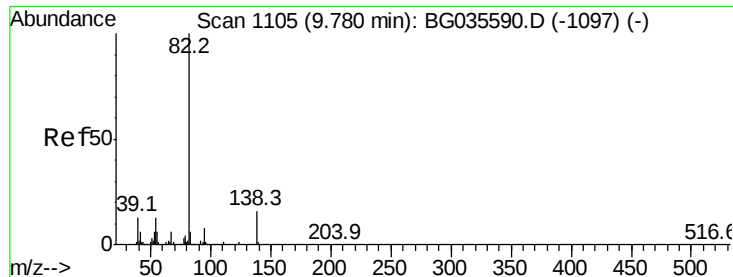
Tot Ion	82	Resp	231327
Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	40.8	43.1	64.7#



#24
Nitrobenzene
Concen: 43.200 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	77	Resp	118912
Ion	Ratio	Lower	Upper
77	100		
123	39.0	33.0	49.6
65	15.0	13.0	19.6





#25

Isophorone

Concen: 43.487 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

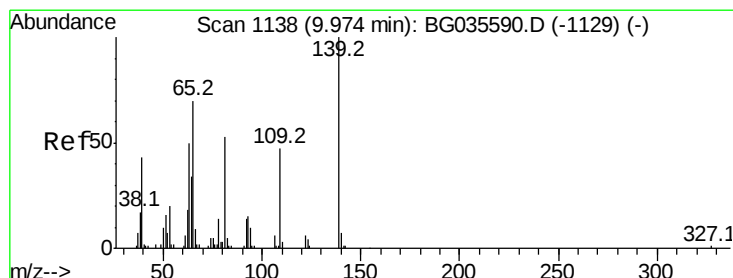
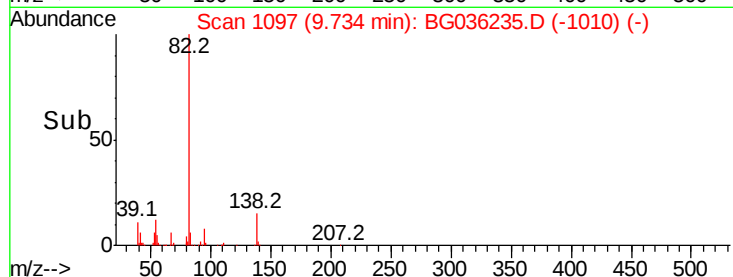
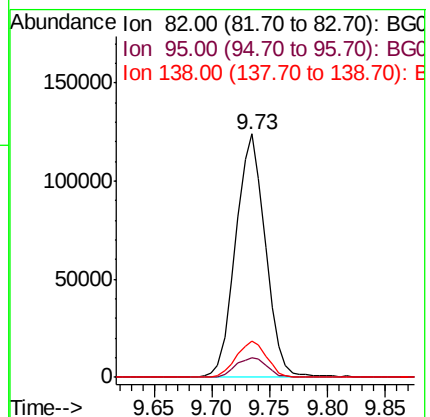
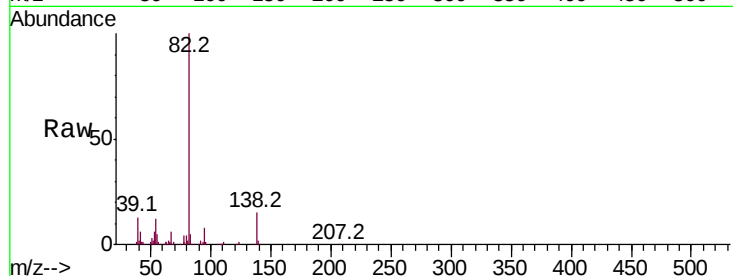
Tot Ion: 82 Resp: 220948

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

138 14.7 12.1 18.1



#26

2-Nitrophenol

Concen: 52.599 ng

RT: 9.92 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

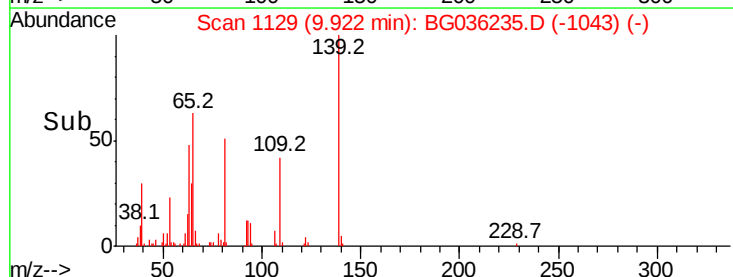
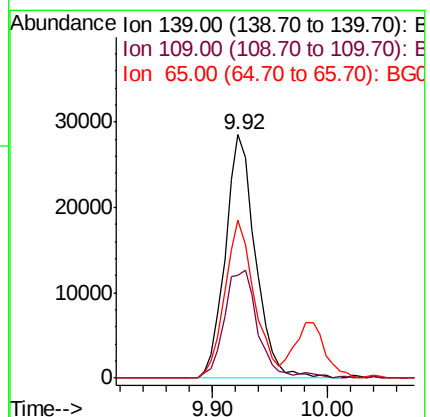
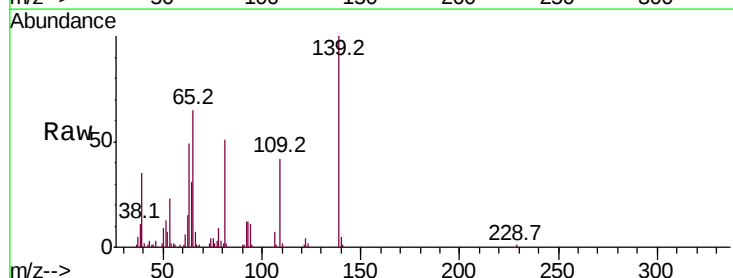
Tgt Ion: 139 Resp: 51420

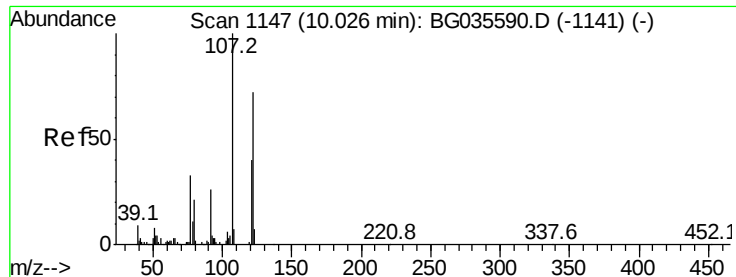
Ion Ratio Lower Upper

139 100

109 42.0 24.2 36.2#

65 65.0 47.4 71.0

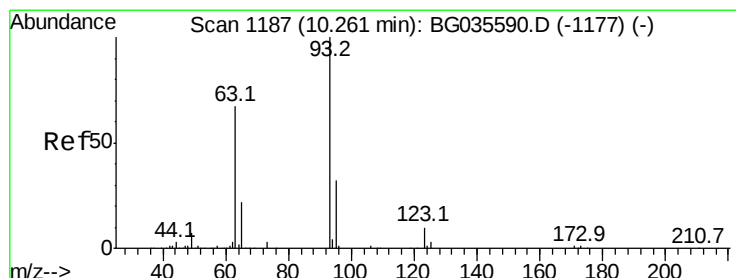
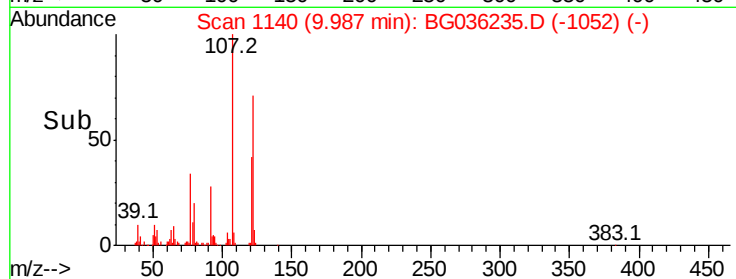
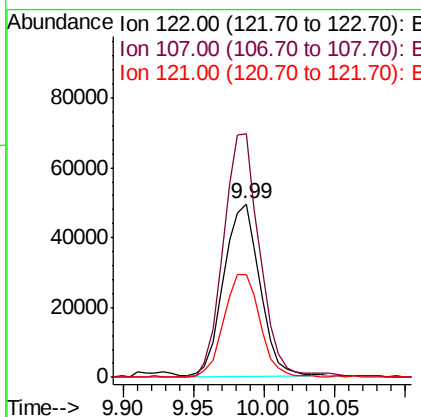
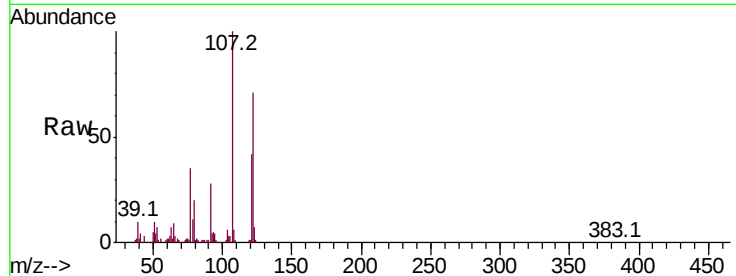




#27
2,4-Dimethylphenol
Concen: 53.390 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

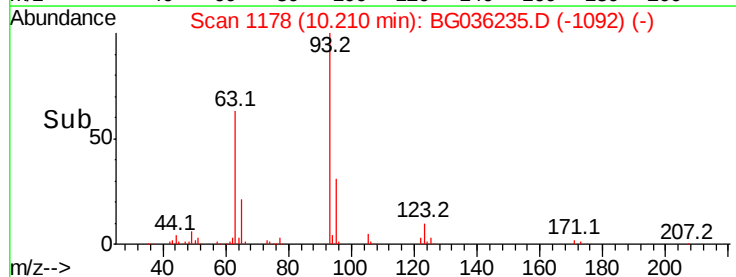
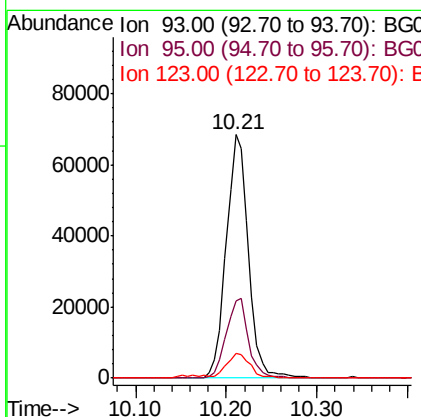
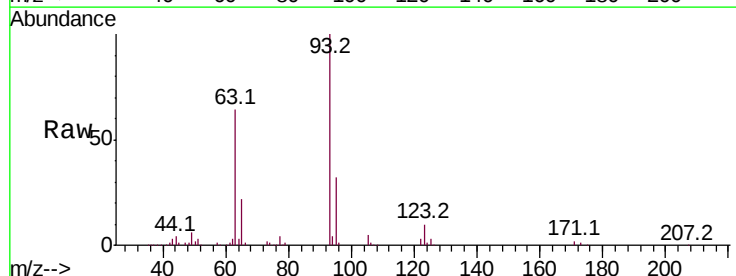
Instrument :
BNA_G
ClientSampleId :

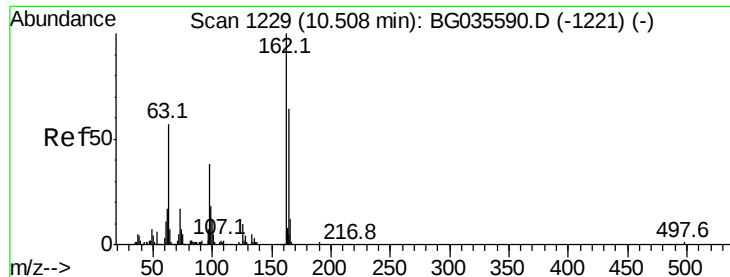
Tot Ion	Ratio	Lower	Upper
122	100		
107	140.4	100.2	150.2
121	59.6	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.408 ng
RT: 10.21 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.3	36.5
123	10.3	8.4	12.6

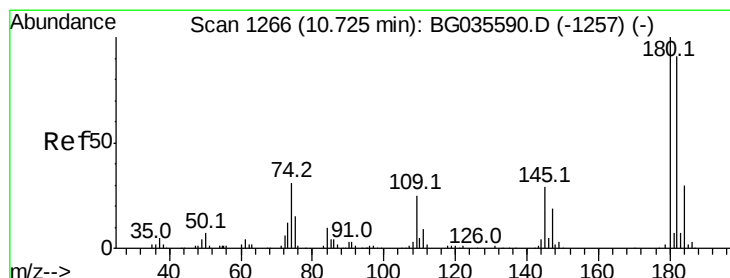
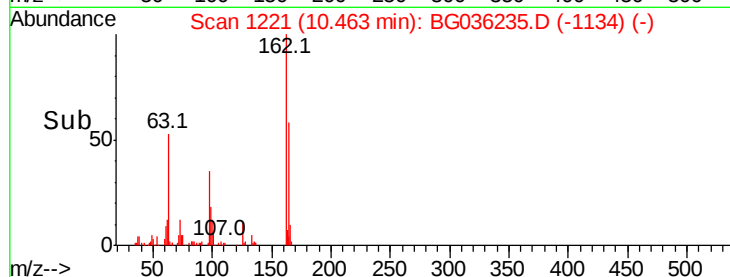
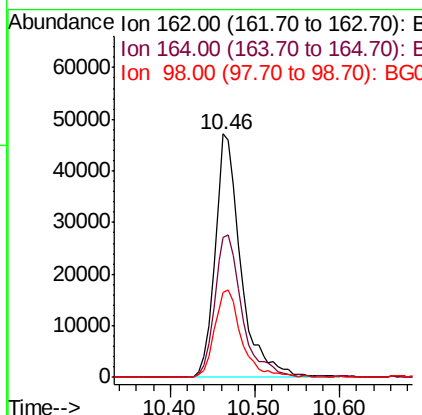
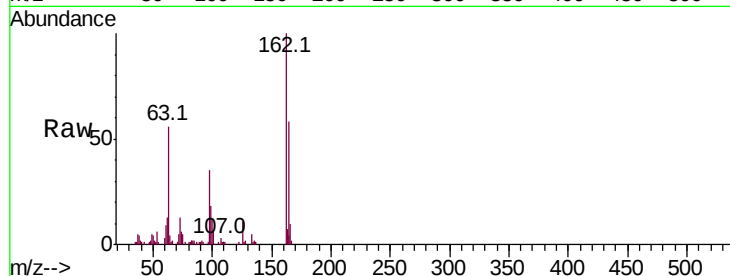




#29
2,4-Dichlorophenol
Concen: 53.273 ng
RT: 10.46 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

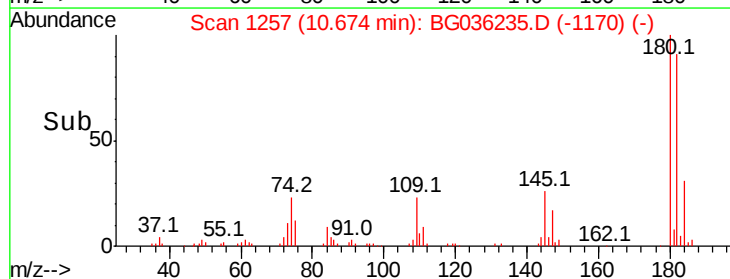
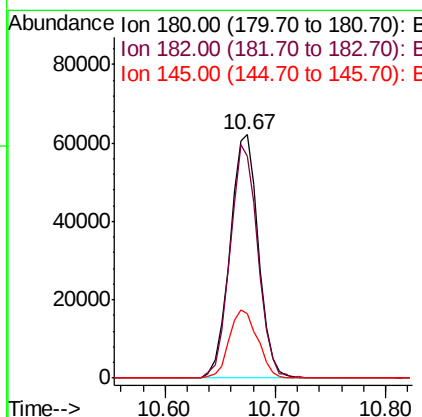
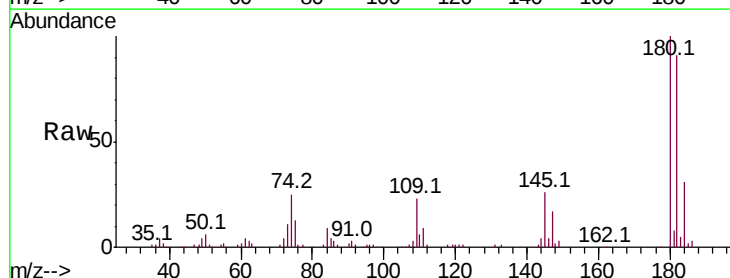
Instrument :
BNA_G
ClientSampleId :

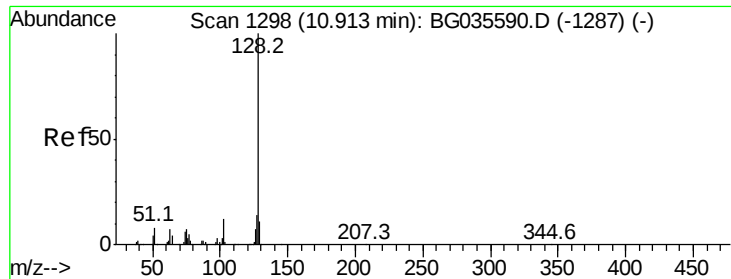
Tot Ion:162 Resp: 100629
Ion Ratio Lower Upper
162 100
164 57.7 48.0 88.0
98 34.8 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 48.128 ng
RT: 10.67 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion:180 Resp: 111477
Ion Ratio Lower Upper
180 100
182 91.3 77.5 116.3
145 26.2 23.4 35.2

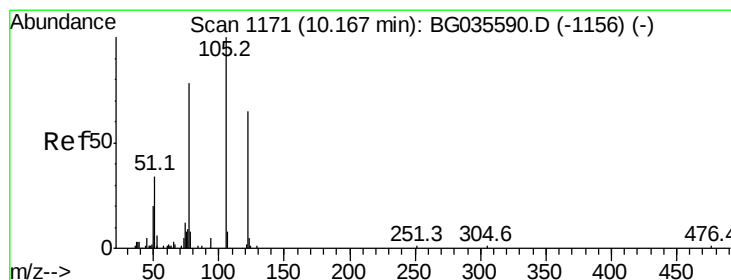
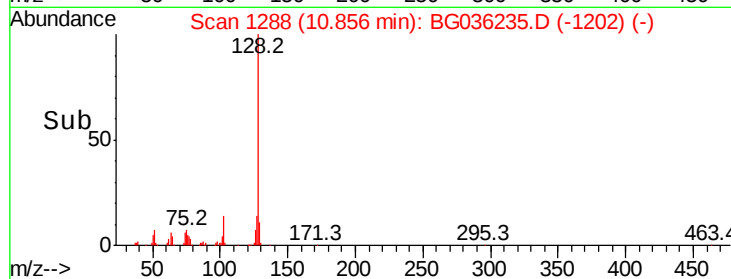
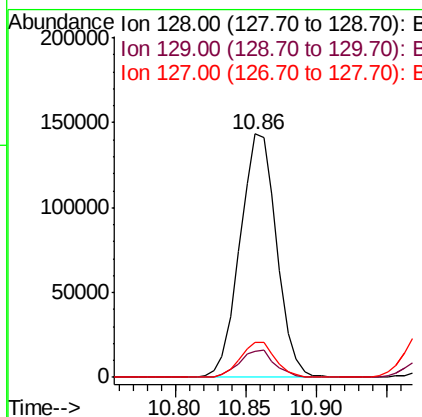
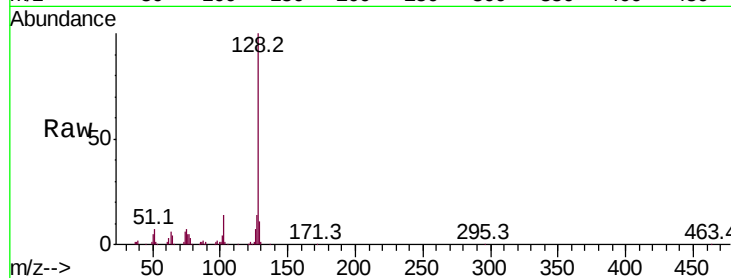




#31
Naphthalene
Concen: 43.731 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

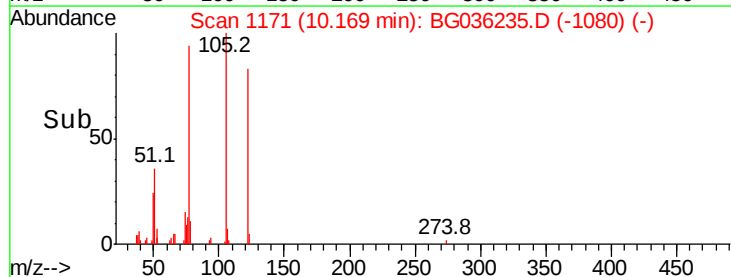
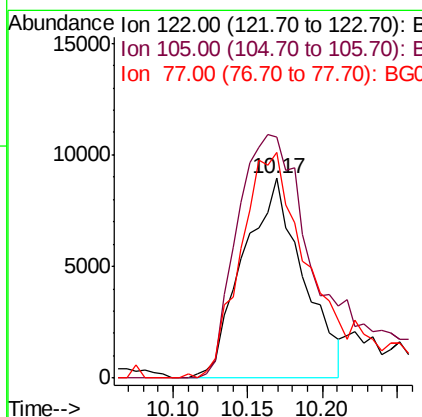
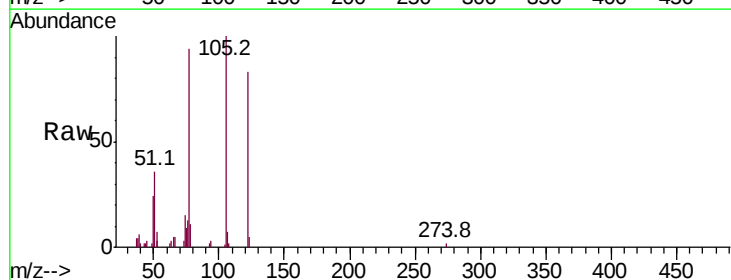
Instrument :
BNA_G
ClientSampleId :

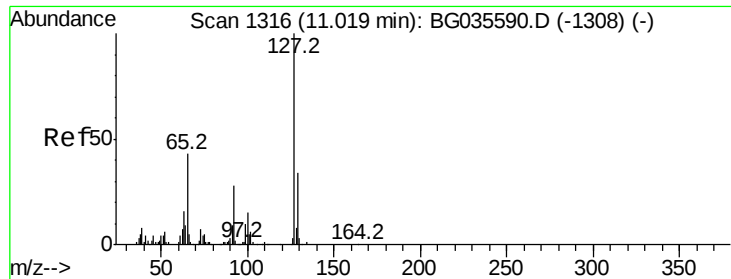
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	14.4	11.6	17.4



#32
Benzoic acid
Concen: 22.418 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.6	123.5	163.5#
77	112.9	85.7	125.7

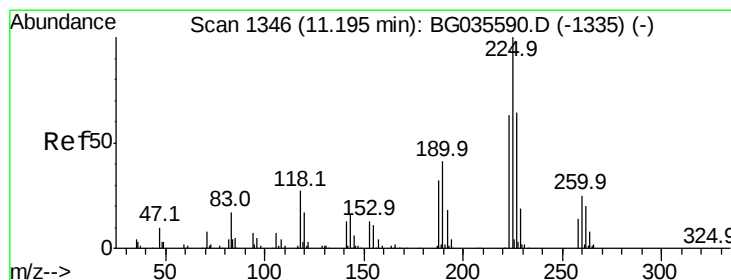
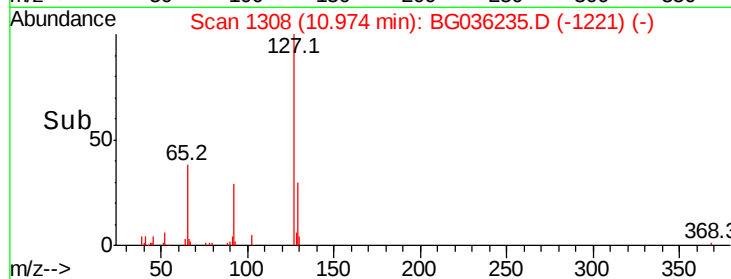
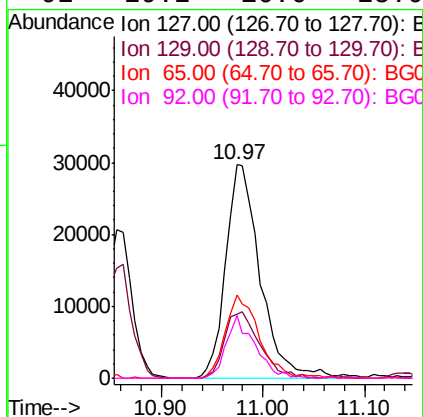
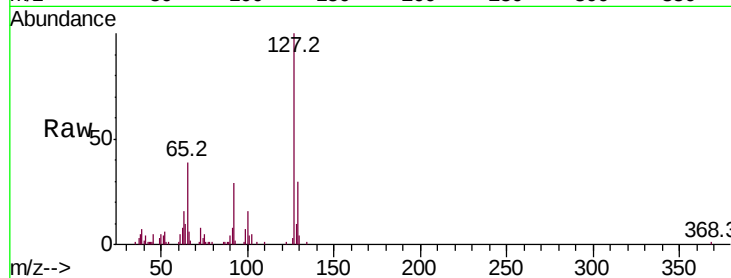




#33
4-Chloroaniline
Concen: 26.978 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

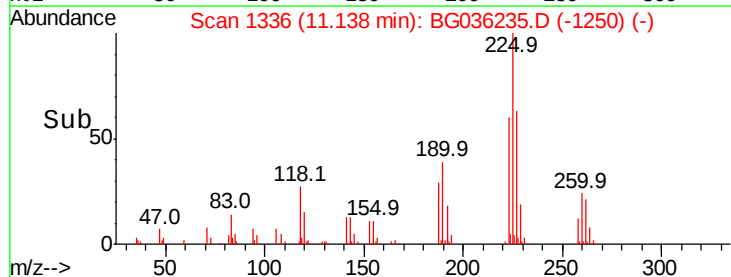
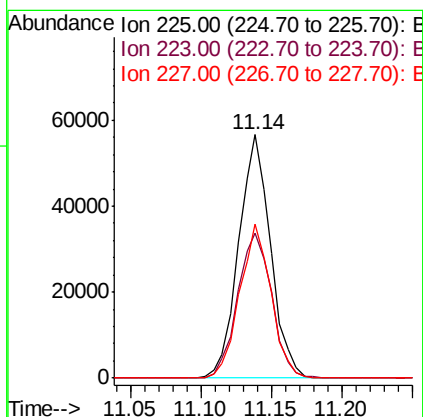
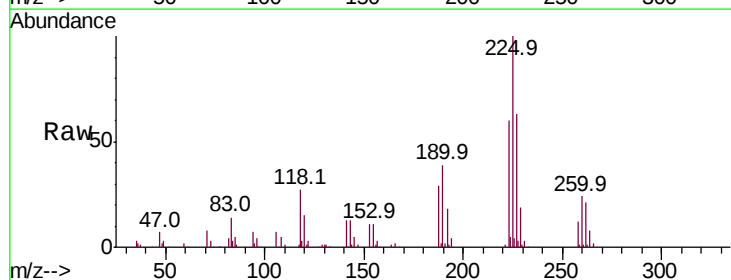
Instrument :
BNA_G
ClientSampled :

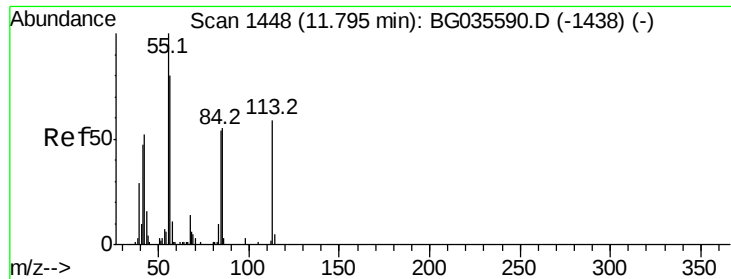
Tot Ion:127 Resp: 70030
Ion Ratio Lower Upper
127 100
129 29.8 24.0 36.0
65 38.8 27.0 40.4
92 29.2 16.6 25.0#



#34
Hexachlorobutadiene
Concen: 49.345 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion:225 Resp: 89126
Ion Ratio Lower Upper
225 100
223 59.6 49.7 74.5
227 63.1 48.1 72.1





#35

Caprolactam

Concen: 28.433 ng

RT: 11.77 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

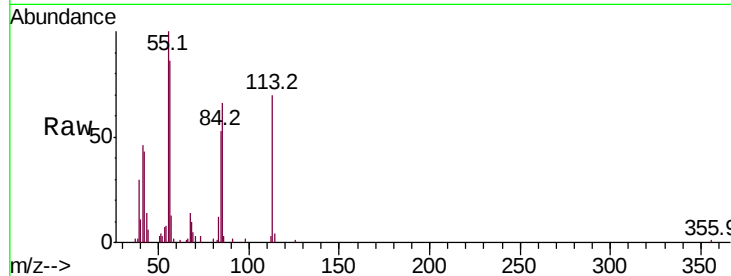
Tot Ion:113 Resp: 23048

Ion Ratio Lower Upper

113 100

55 143.7 186.9 226.9#

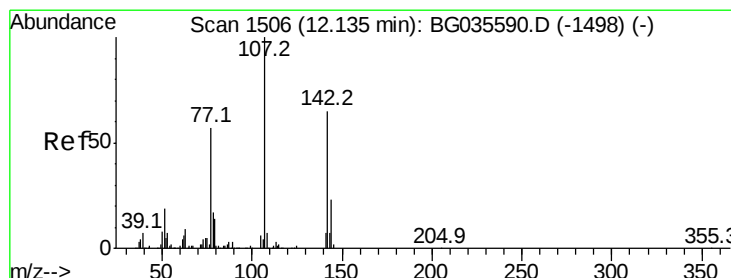
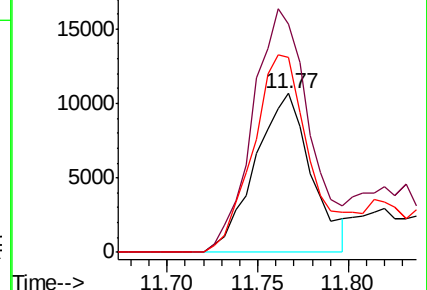
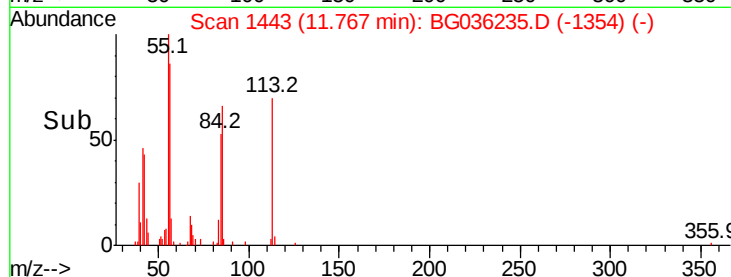
56 122.9 130.9 170.9#



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: 48.470 ng

RT: 12.10 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

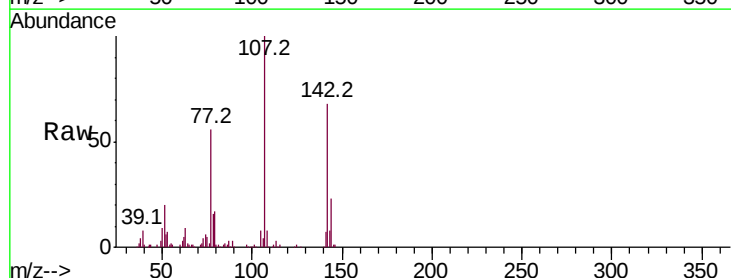
Tgt Ion:107 Resp: 122725

Ion Ratio Lower Upper

107 100

144 23.3 18.2 27.4

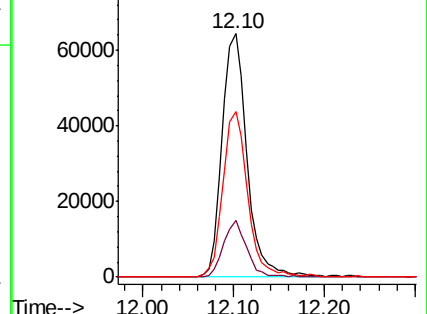
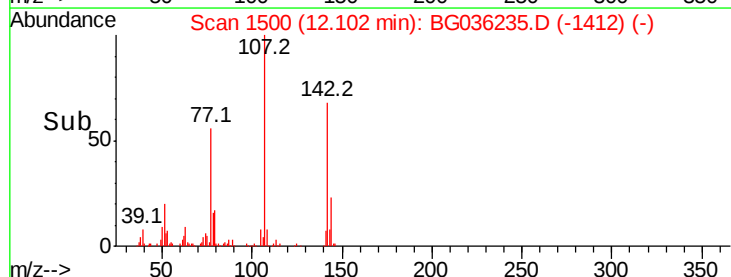
142 68.2 59.0 88.4

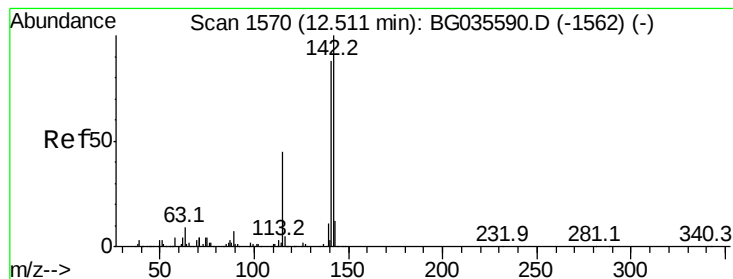


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.052 ng

RT: 12.46 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

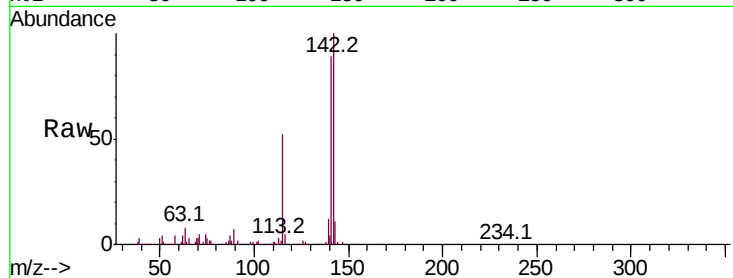
Tot Ion:142 Resp: 208781

Ion Ratio Lower Upper

142 100

141 89.0 67.1 100.7

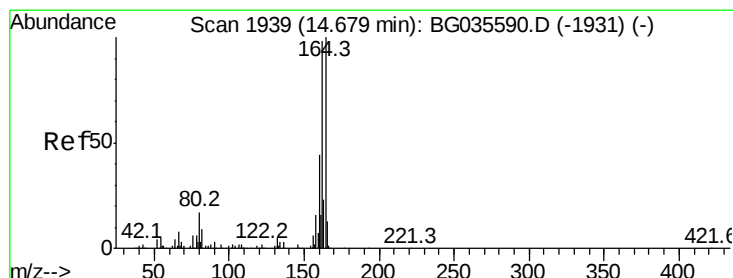
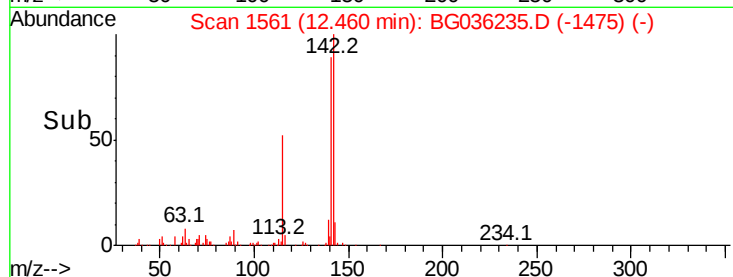
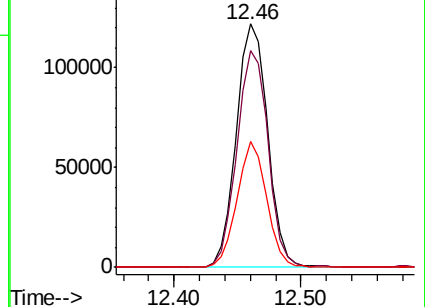
115 51.7 30.7 46.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

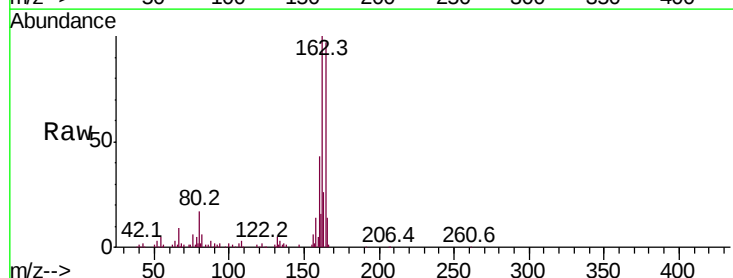
Tgt Ion:164 Resp: 83847

Ion Ratio Lower Upper

164 100

162 102.8 78.8 118.2

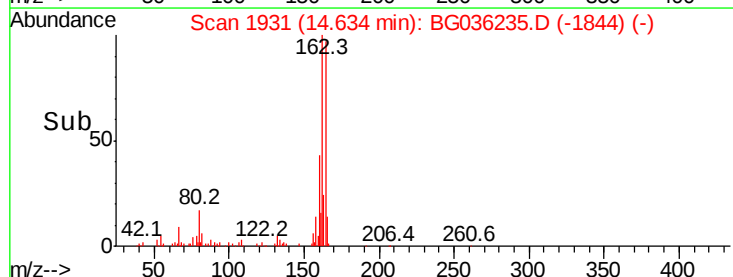
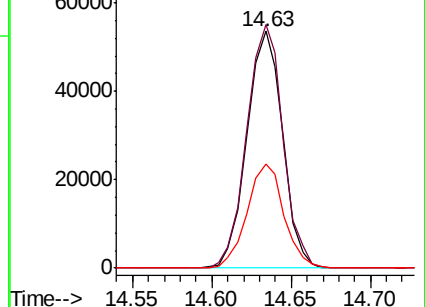
160 43.8 35.4 53.0

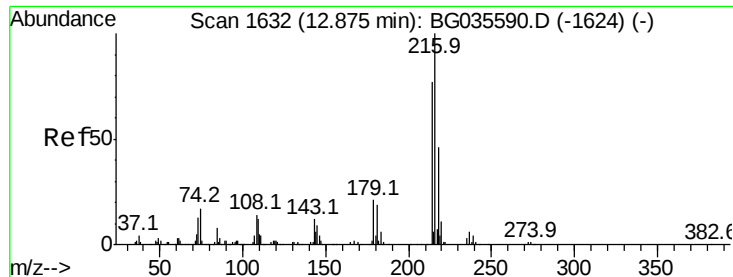


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

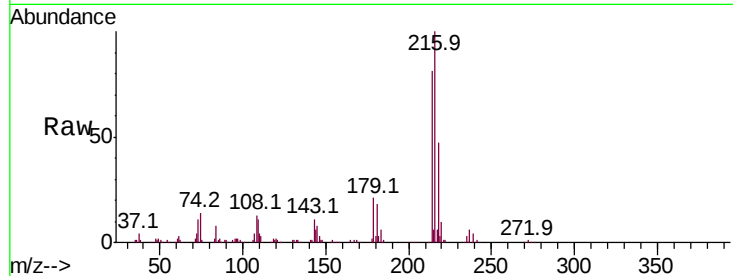




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.425 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	216	Resp:	150085
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	19.7	17.0	25.6
108	15.7	12.8	19.2



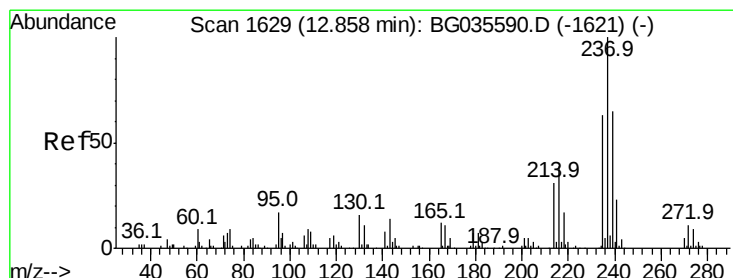
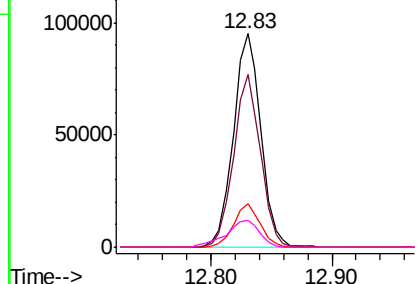
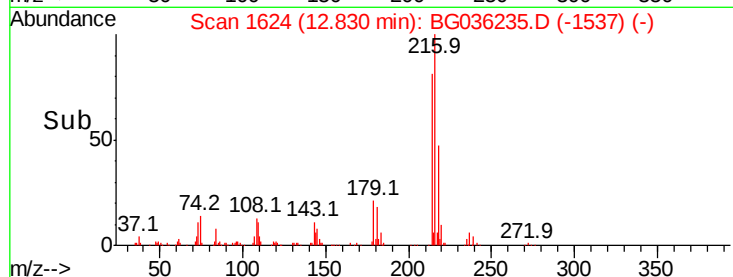
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

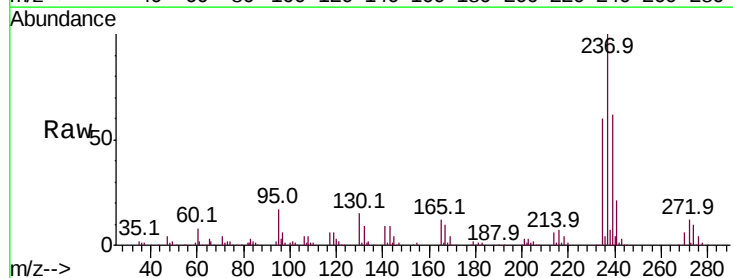
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 100.949 ng
 RT: 12.81 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion:	237	Resp:	167544
Ion	Ratio	Lower	Upper
237	100		
235	59.8	50.4	90.4
272	12.0	0.0	31.8

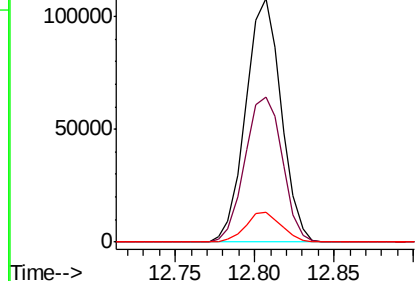
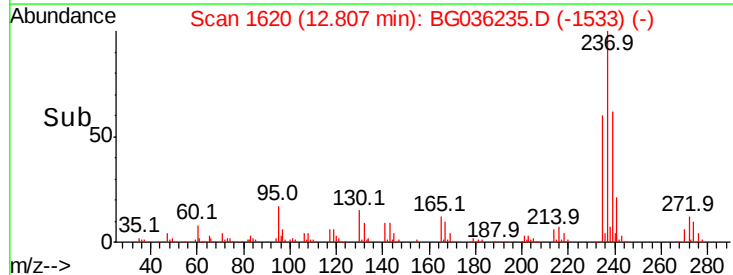


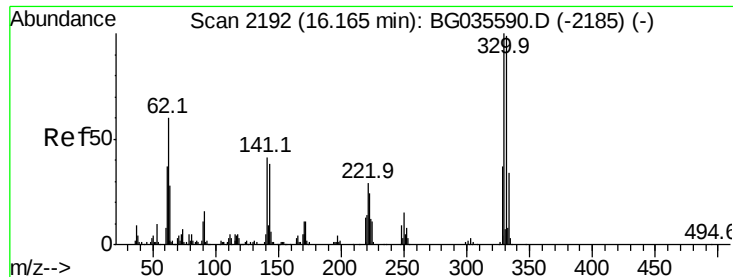
Abundance

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

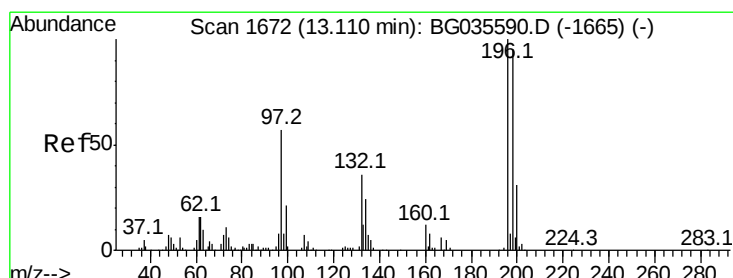
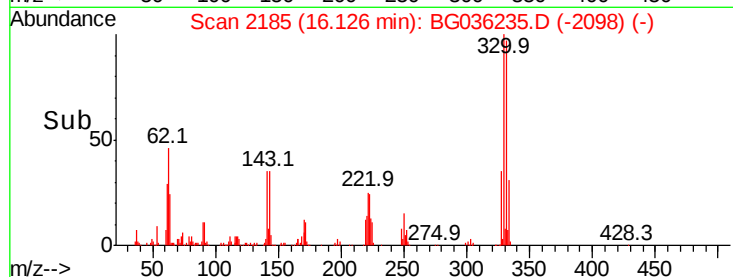
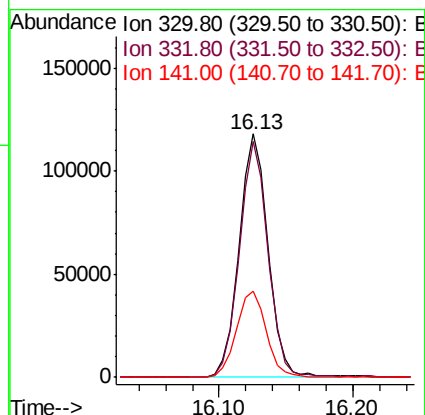
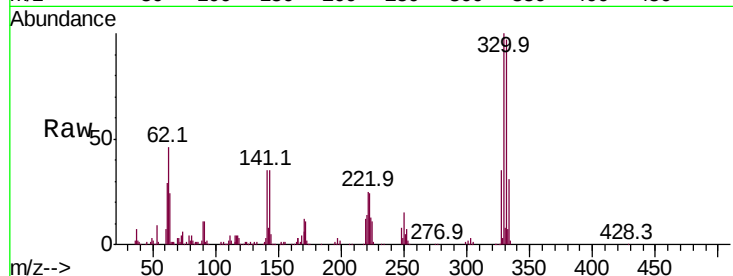




#41
 2,4,6-Tribromophenol
 Concen: 159.839 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

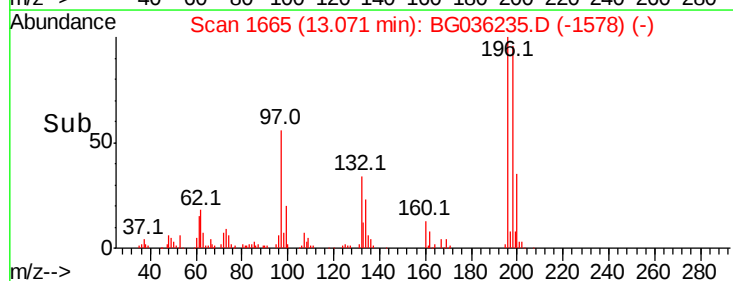
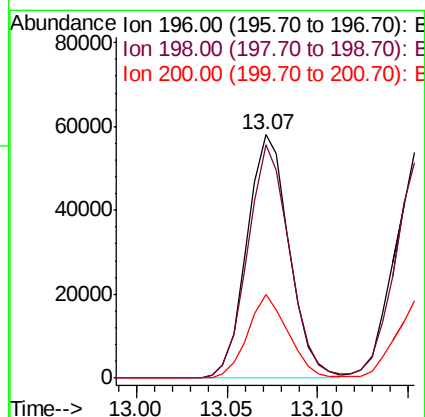
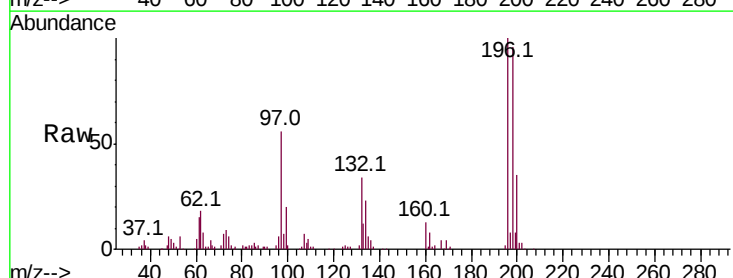
Instrument :
 BNA_G
 ClientSampleId :

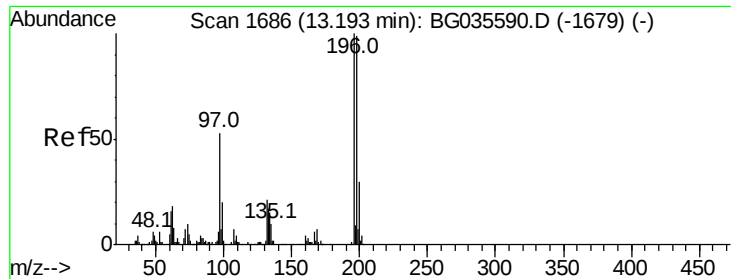
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	36.8	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 50.973 ng
 RT: 13.07 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	78.2	117.2
200	34.6	24.6	36.8

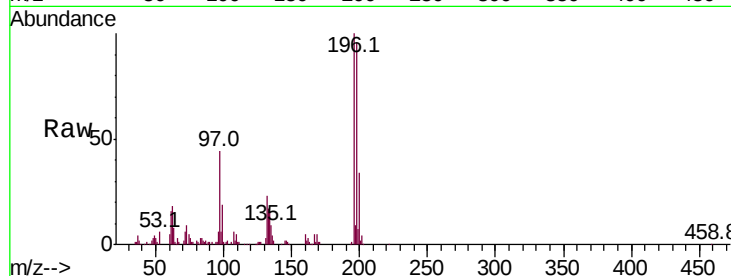




#43
 2,4,5-Trichlorophenol
 Concen: 50.007 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	103534
Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.2	114.4
97	44.2	38.7	58.1
132	22.7	20.2	30.2



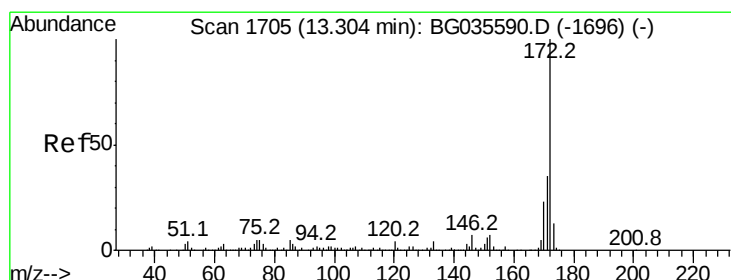
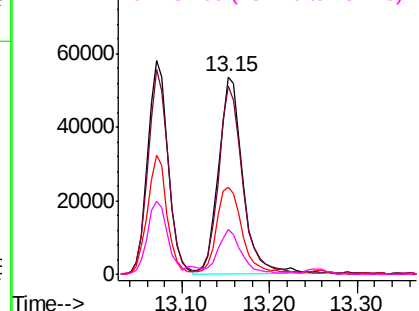
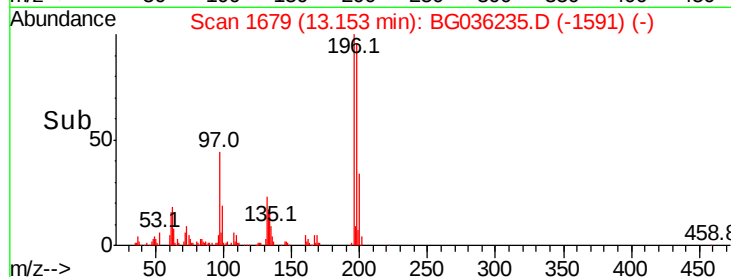
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

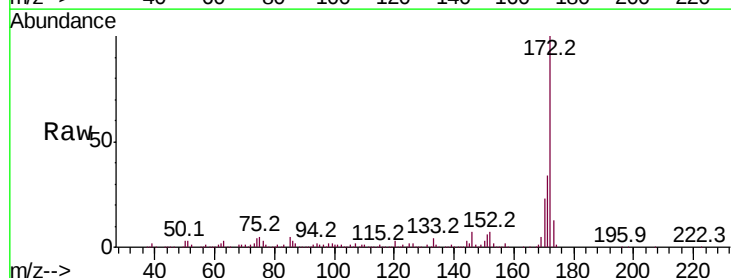
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.589 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion:	172	Resp:	541911
Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	22.5	19.5	29.3

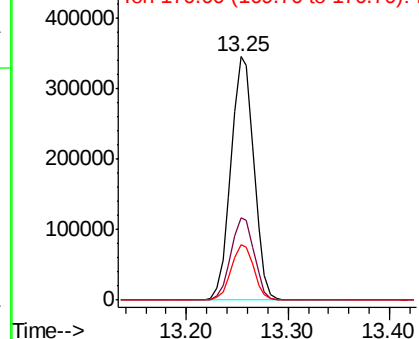
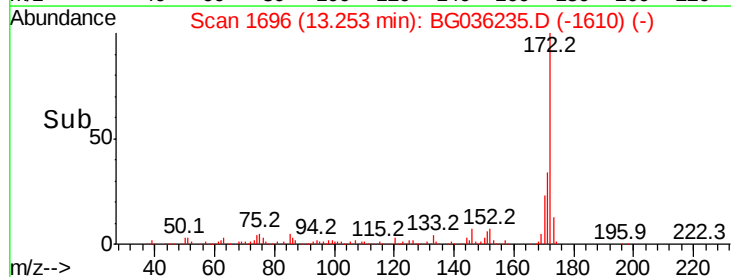


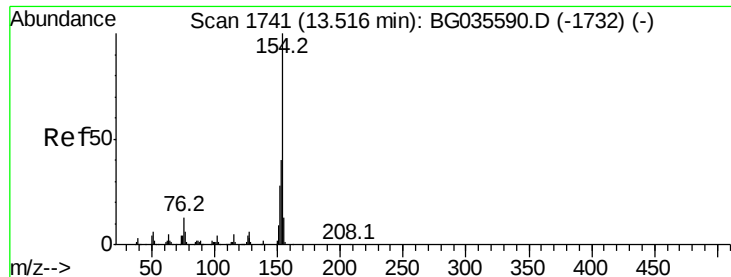
Abundance

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

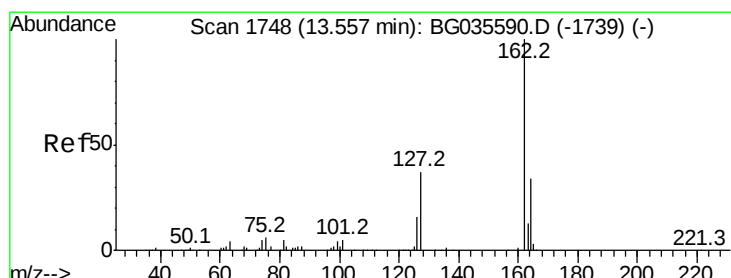
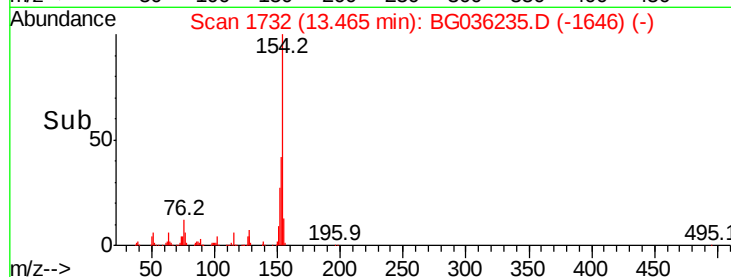
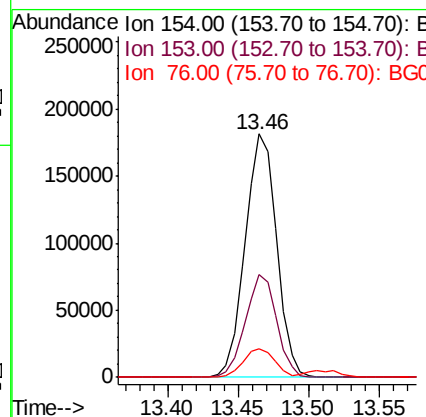
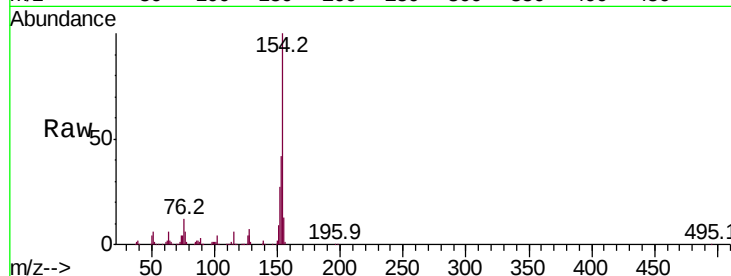




#45
 1,1'-Biphenyl
 Concen: 43.638 ng
 RT: 13.46 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

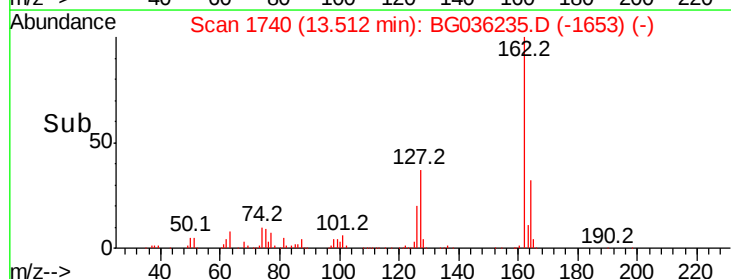
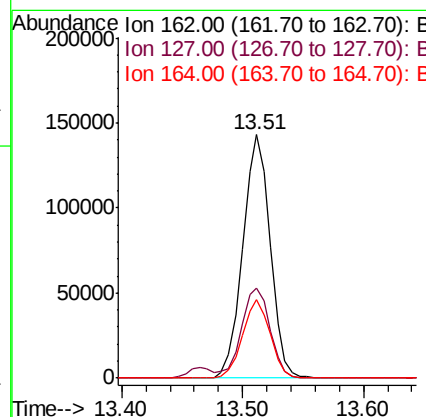
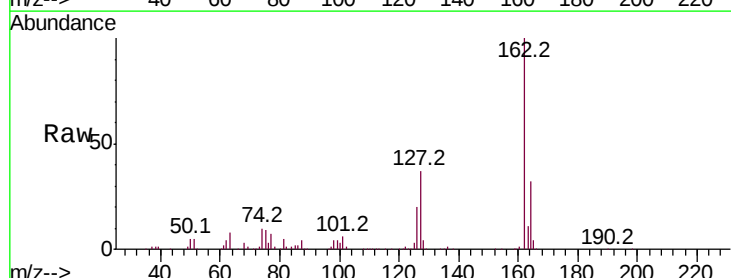
Instrument :
 BNA_G
 ClientSampleId :

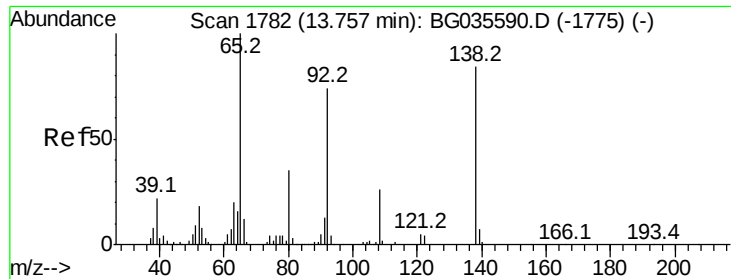
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	19.8	59.8
76	11.7	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 44.777 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.7	46.1
164	32.4	26.0	39.0

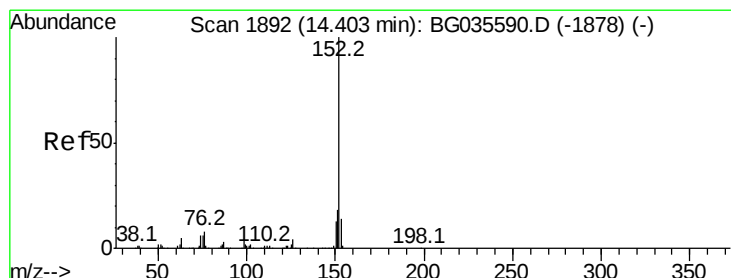
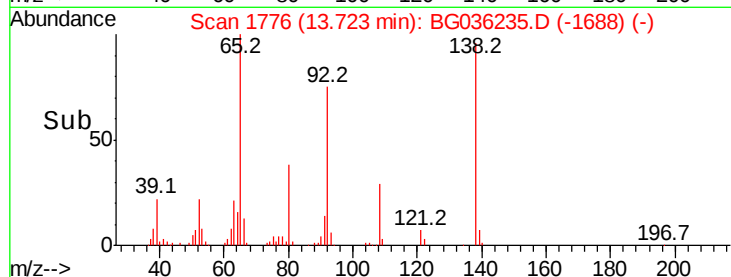
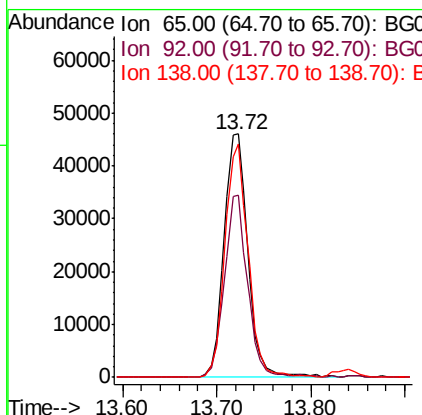
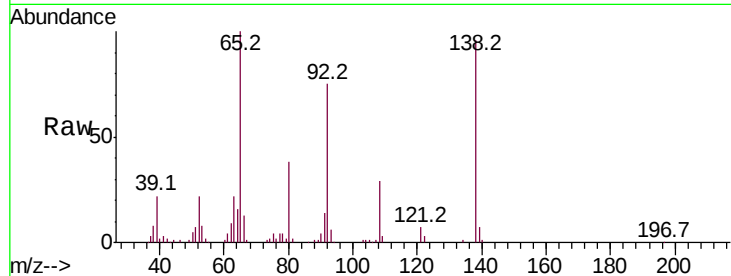




#47
 2-Nitroaniline
 Concen: 45.437 ng
 RT: 13.72 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

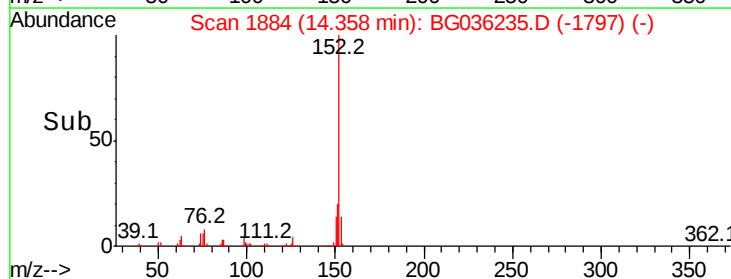
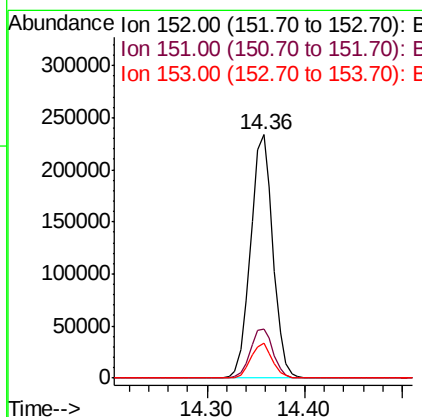
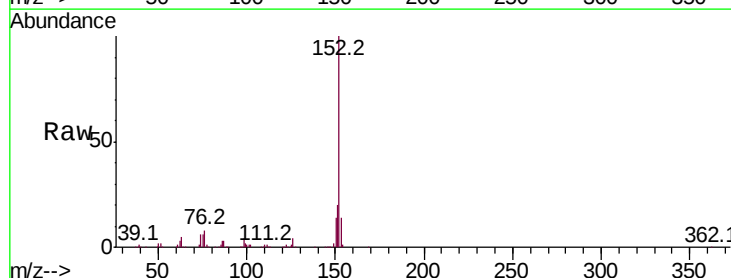
Instrument :
 BNA_G
 ClientSampleId :

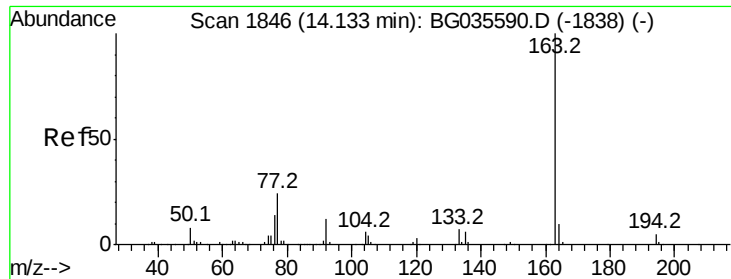
Tot Ion	Ratio	Lower	Upper
65	100		
92	75.0	54.6	82.0
138	95.8	72.9	109.3



#48
 Acenaphthylene
 Concen: 44.340 ng
 RT: 14.36 min Scan# 1884
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.2	25.8
153	14.3	10.2	15.4





#49

Dimethylphthalate

Concen: 43.365 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

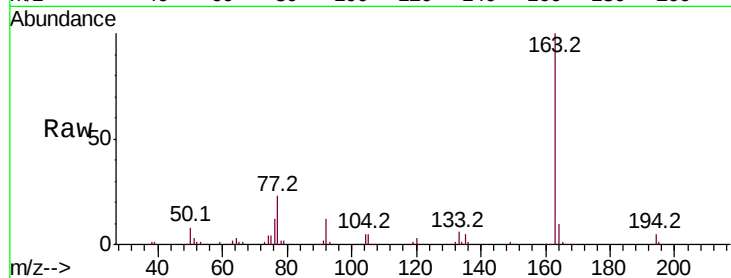
Tot Ion:163 Resp: 318567

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

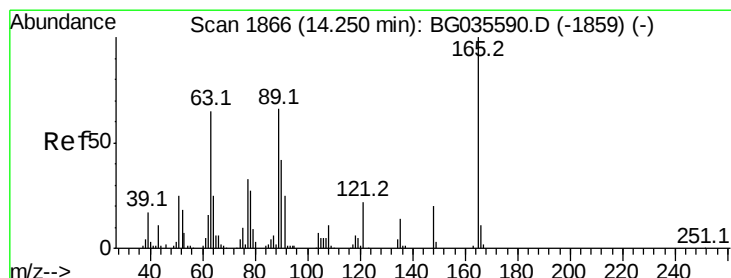
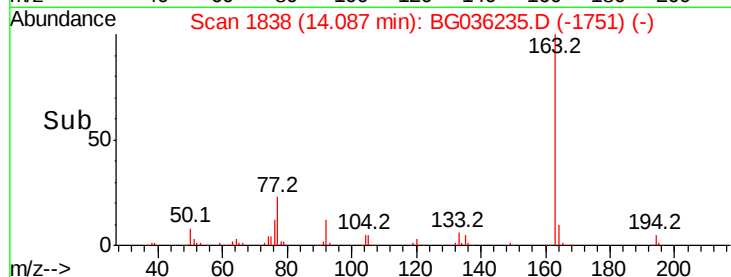
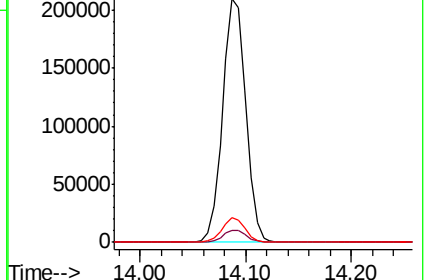
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.815 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

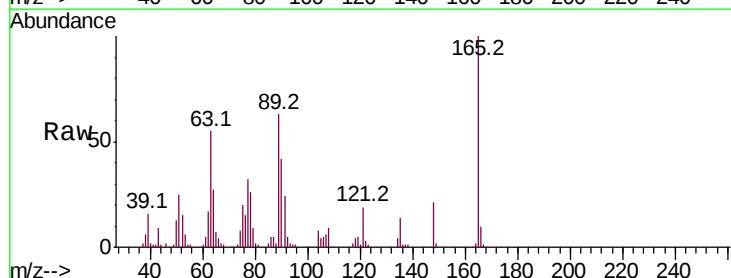
Tgt Ion:165 Resp: 73025

Ion Ratio Lower Upper

165 100

63 54.6 52.7 79.1

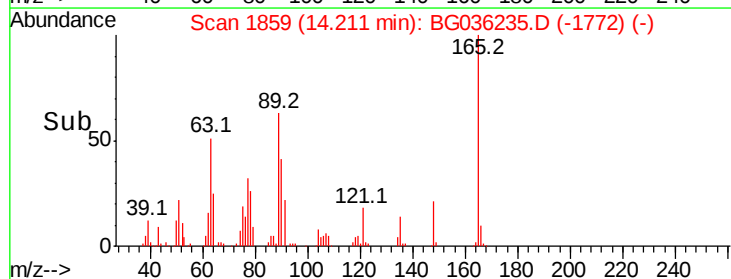
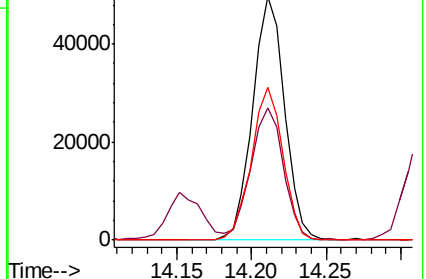
89 62.5 49.2 73.8

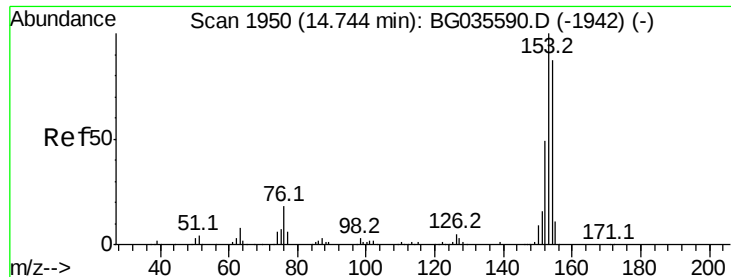


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 41.855 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

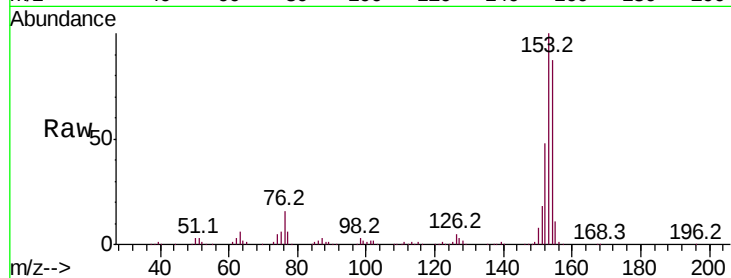
Tot Ion:154 Resp: 220843

Ion Ratio Lower Upper

154 100

153 114.3 90.4 135.6

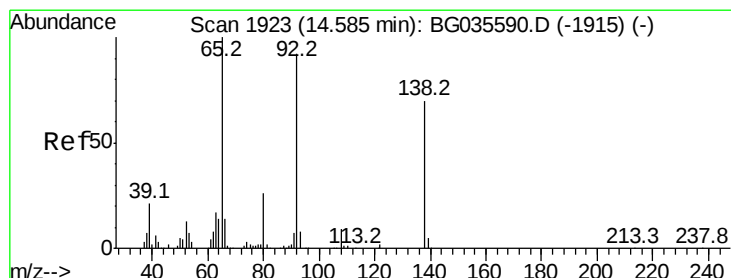
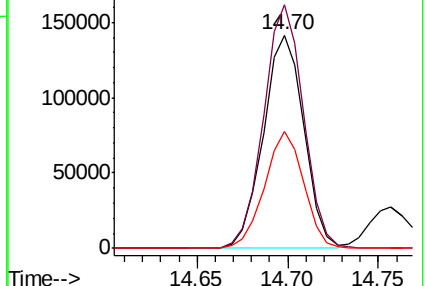
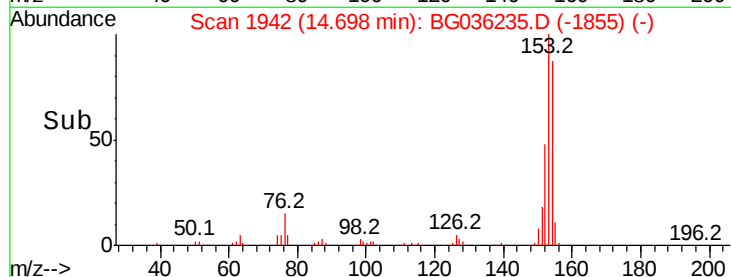
152 54.8 41.6 62.4



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: 34.528 ng

RT: 14.55 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

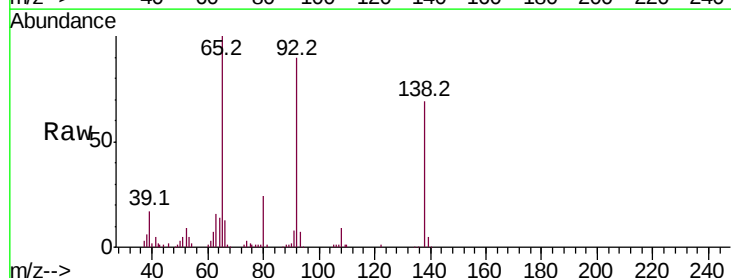
Tgt Ion:138 Resp: 52793

Ion Ratio Lower Upper

138 100

108 12.7 17.5 26.3#

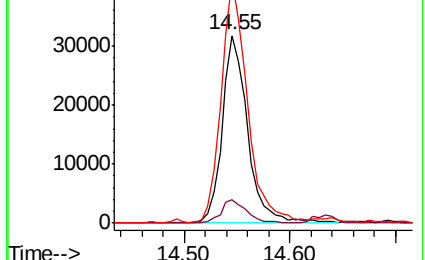
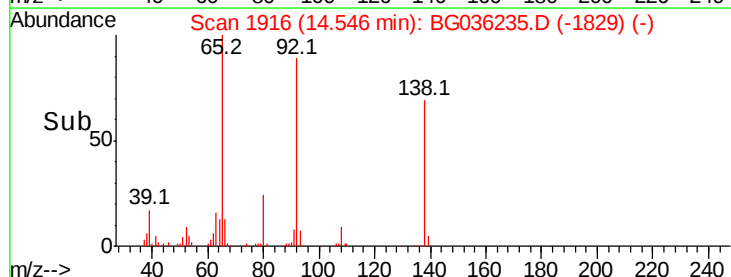
92 129.8 105.8 158.8

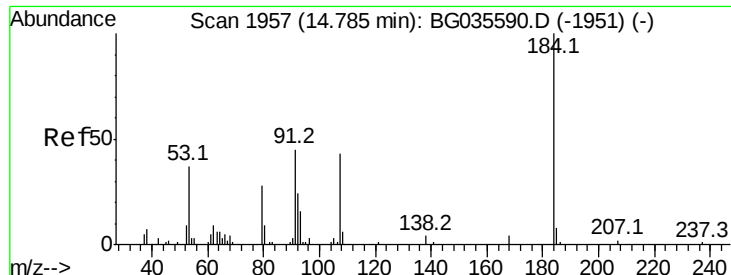


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

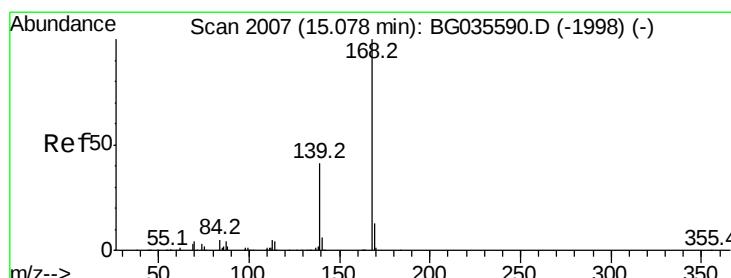
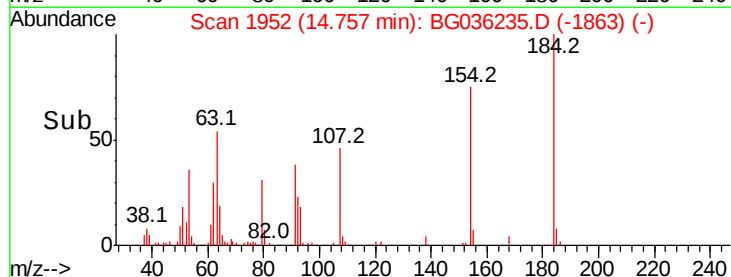
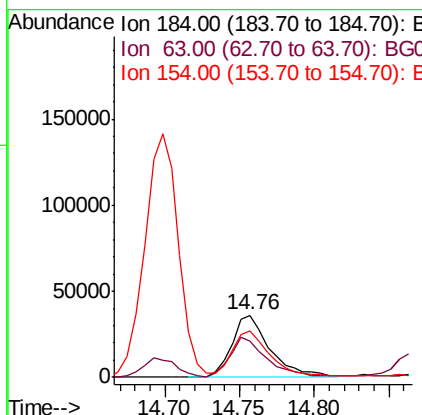
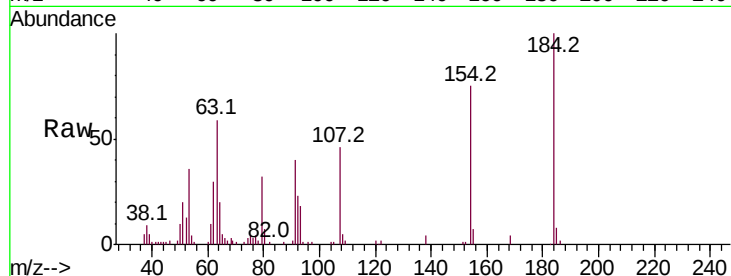




#53
 2,4-Dinitrophenol
 Concen: 83.585 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

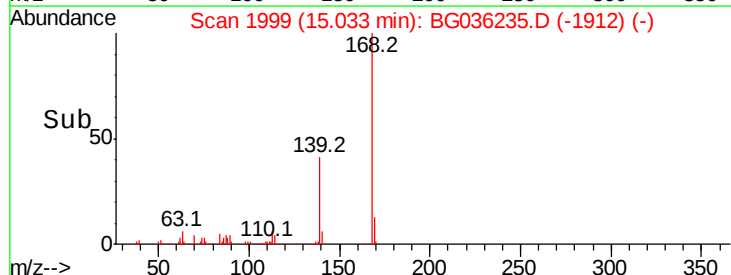
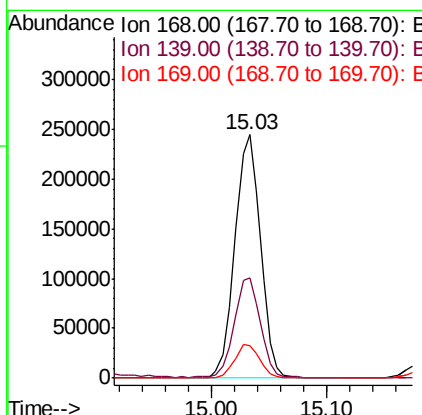
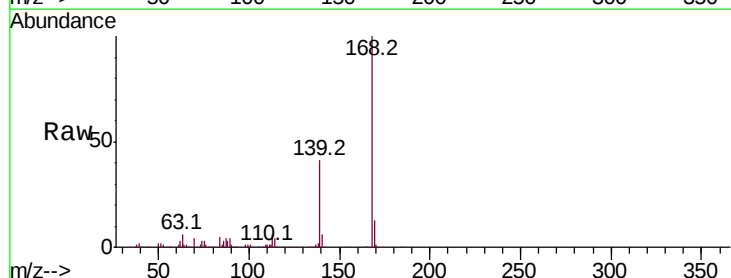
Instrument :
 BNA_G
 ClientSampleId :

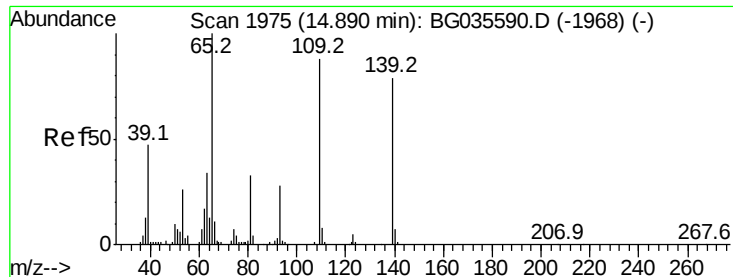
Tot Ion:184 Resp: 64548
 Ion Ratio Lower Upper
 184 100
 63 59.0 59.8 89.8#
 154 74.6 101.8 152.8#



#54
 Dibenzofuran
 Concen: 44.618 ng
 RT: 15.03 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion:168 Resp: 374404
 Ion Ratio Lower Upper
 168 100
 139 41.1 28.6 43.0
 169 13.3 11.2 16.8





#55

4-Nitrophenol

Concen: 77.905 ng

RT: 14.87 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

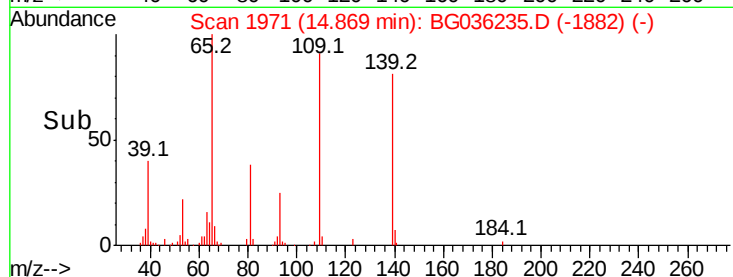
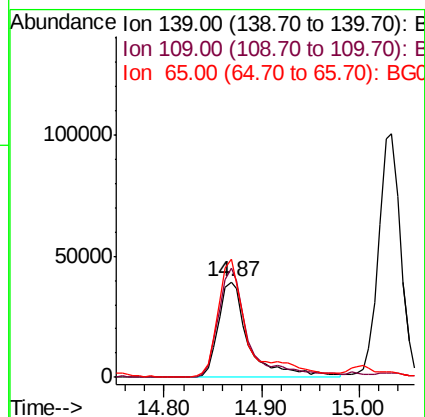
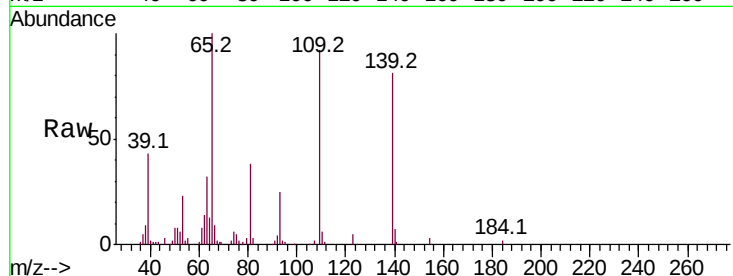
Tot Ion:139 Resp: 84830

Ion Ratio Lower Upper

139 100

109 114.5 62.2 102.2#

65 123.9 97.2 137.2



#56

2,4-Dinitrotoluene

Concen: 49.925 ng

RT: 15.00 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion:165 Resp: 107148

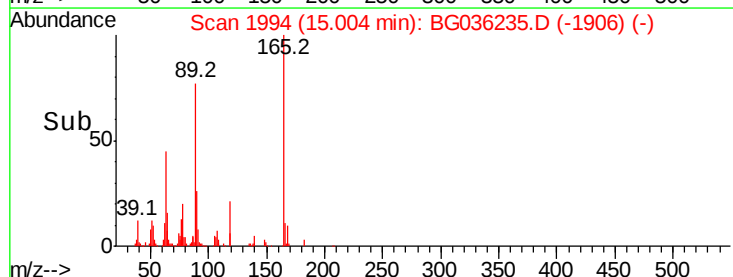
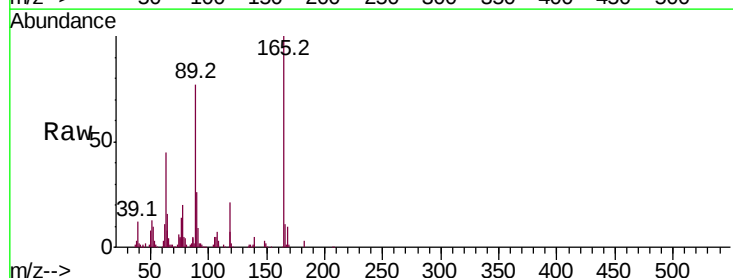
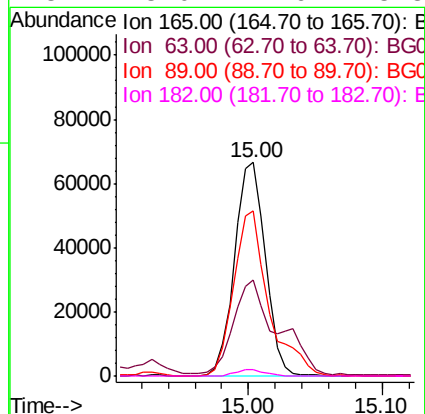
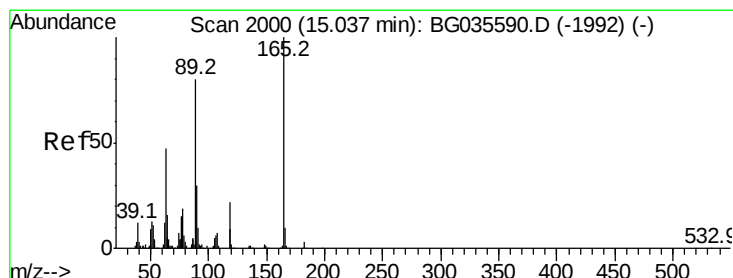
Ion Ratio Lower Upper

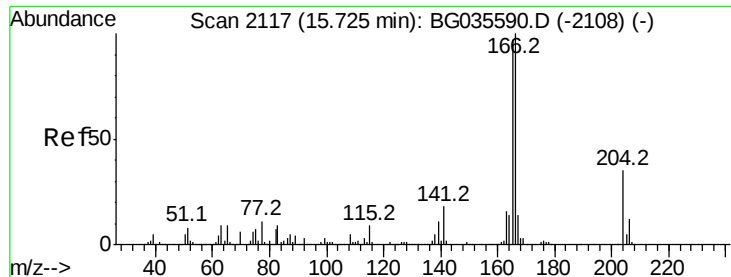
165 100

63 45.2 42.0 63.0

89 77.2 66.9 100.3

182 3.0 2.6 3.8

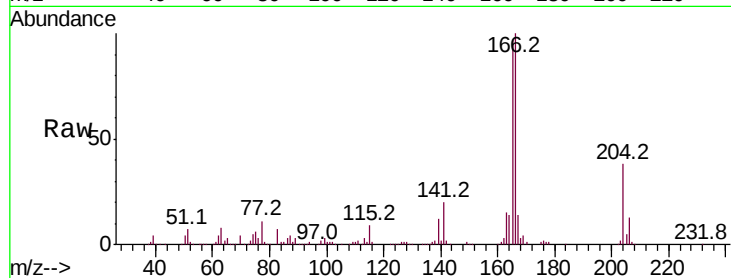




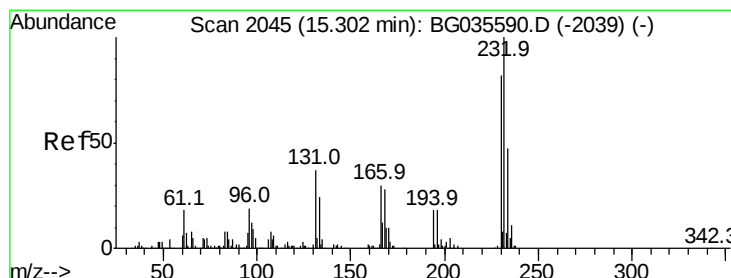
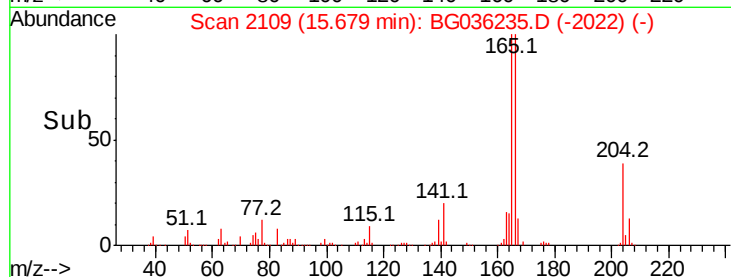
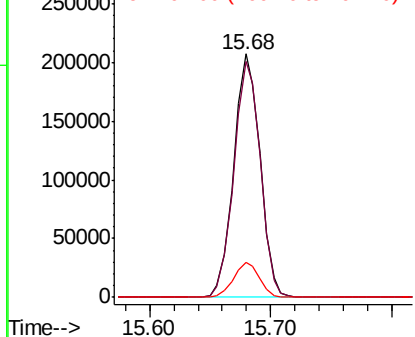
#57
 Fluorene
 Concen: 44.807 ng
 RT: 15.68 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 315138
 Ion Ratio Lower Upper
 166 100
 165 97.0 80.6 121.0
 167 14.2 10.4 15.6

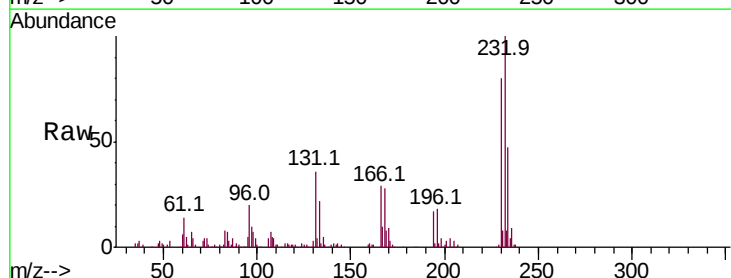


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

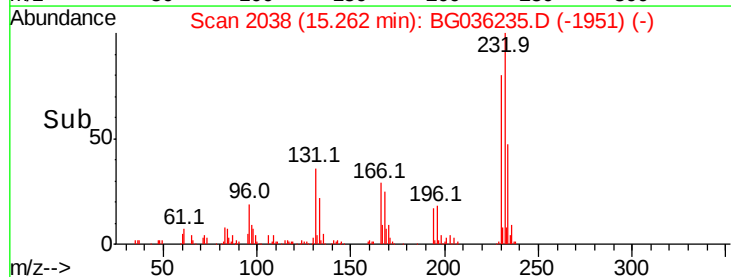
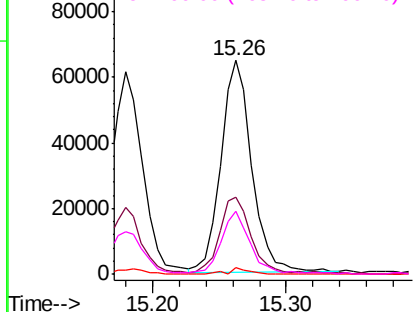


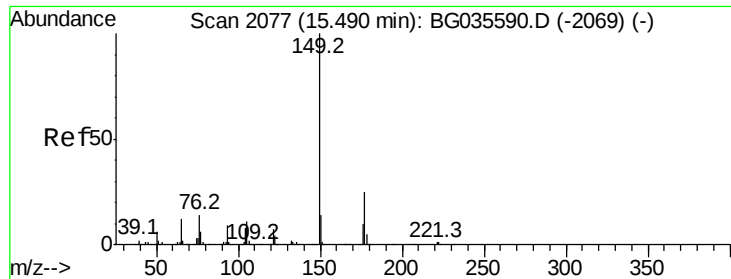
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.982 ng
 RT: 15.26 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion:232 Resp: 105173
 Ion Ratio Lower Upper
 232 100
 131 35.6 33.5 50.3
 130 1.7 2.2 3.2#
 166 28.2 24.8 37.2



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

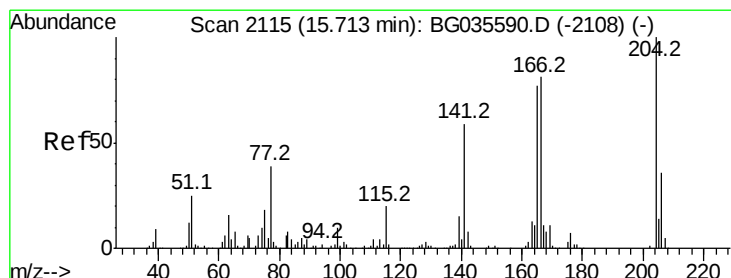
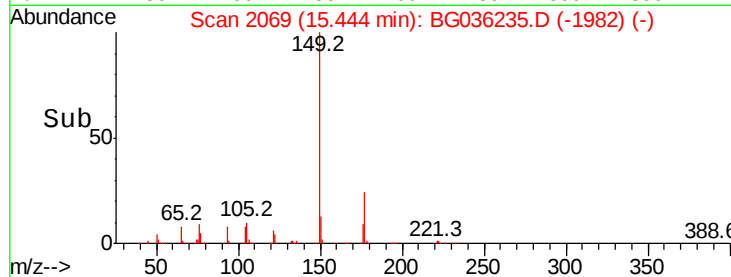
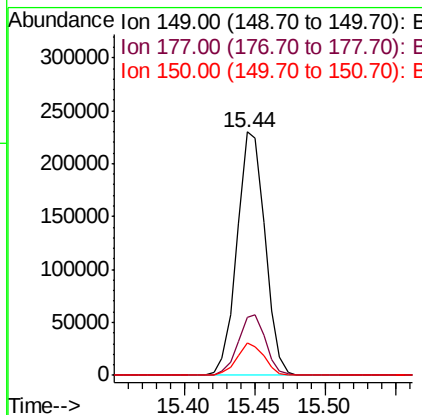
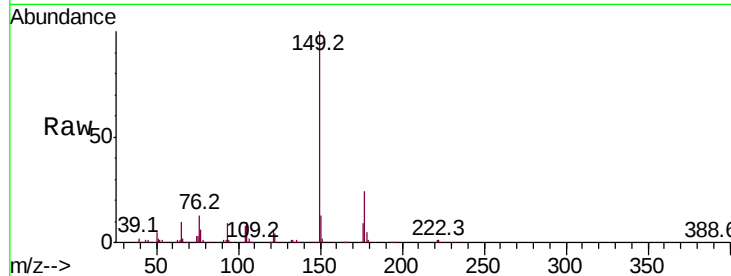




#59
Diethylphthalate
Concen: 41.996 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

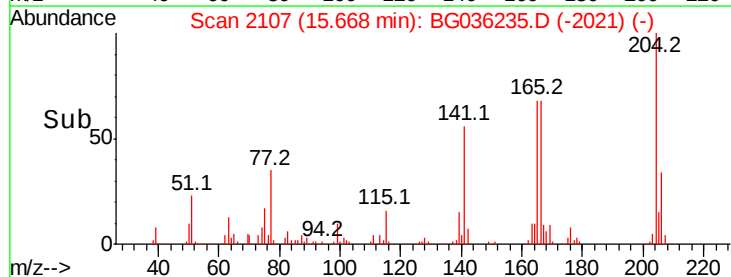
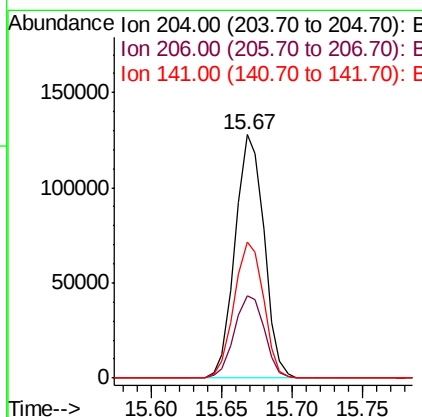
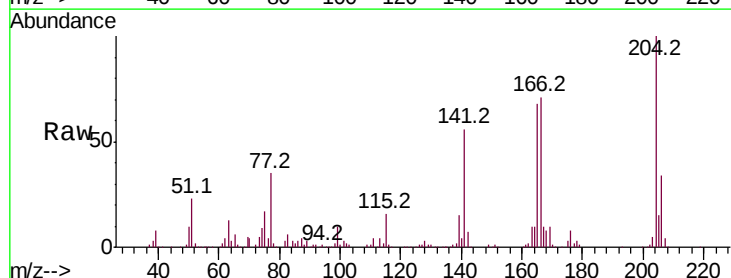
Instrument :
BNA_G
ClientSampleId :

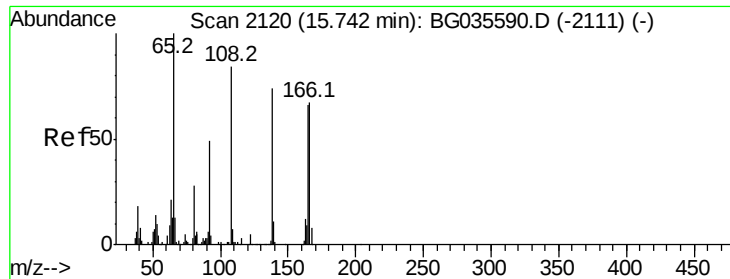
Tot Ion:149 Resp: 317227
Ion Ratio Lower Upper
149 100
177 23.8 18.5 27.7
150 13.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.256 ng
RT: 15.67 min Scan# 2107
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion:204 Resp: 182944
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 56.0 45.8 68.6

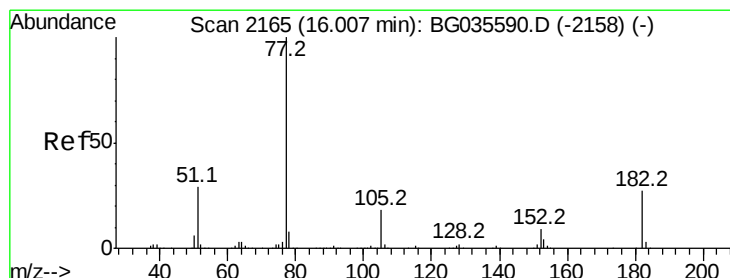
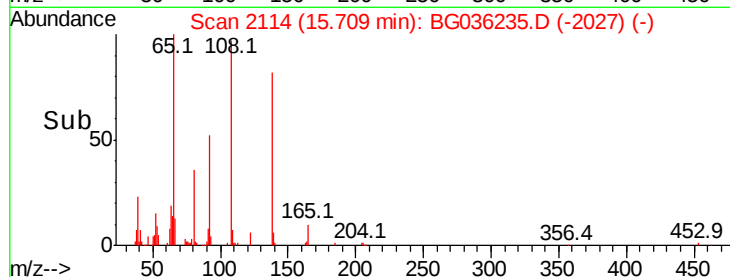
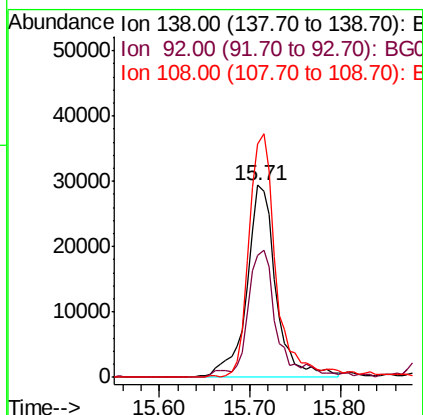
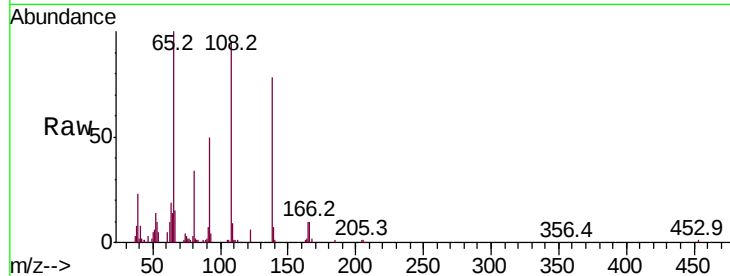




#61
4-Nitroaniline
Concen: 40.943 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

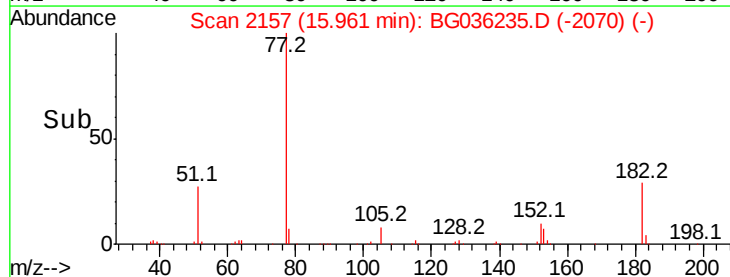
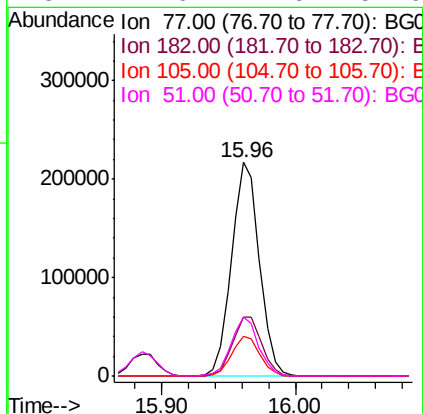
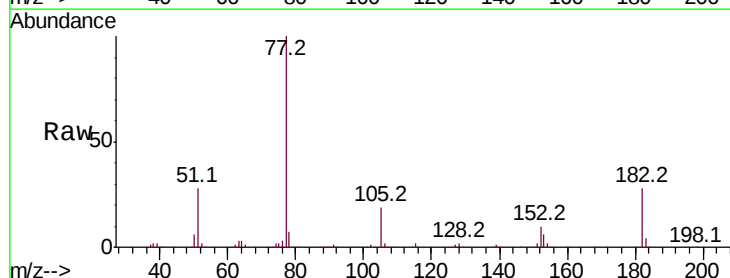
Instrument :
BNA_G
ClientSampleId :

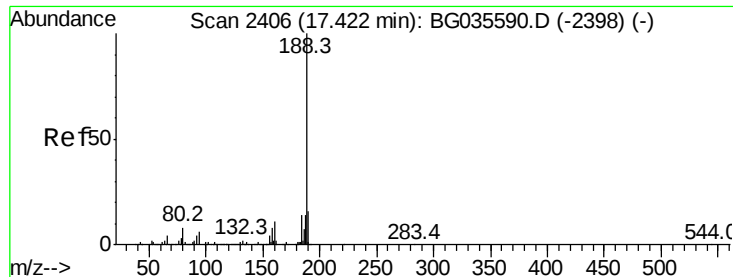
Tot Ion:138 Resp: 65484
Ion Ratio Lower Upper
138 100
92 63.7 40.1 80.1
108 121.7 65.4 105.4#



#62
Azobenzene
Concen: 42.277 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion: 77 Resp: 315009
Ion Ratio Lower Upper
77 100
182 27.9 7.4 47.4
105 18.8 0.3 40.3
51 27.6 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: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

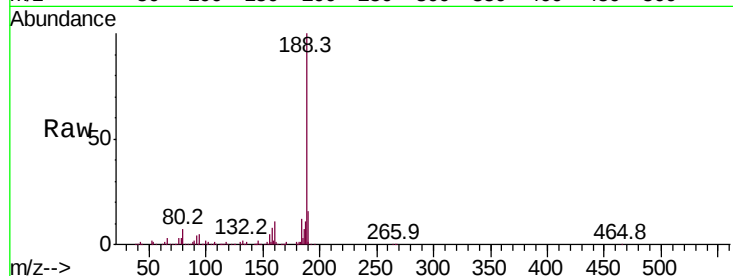
Tot Ion:188 Resp: 230245

Ion Ratio Lower Upper

188 100

94 5.0 6.9 10.3#

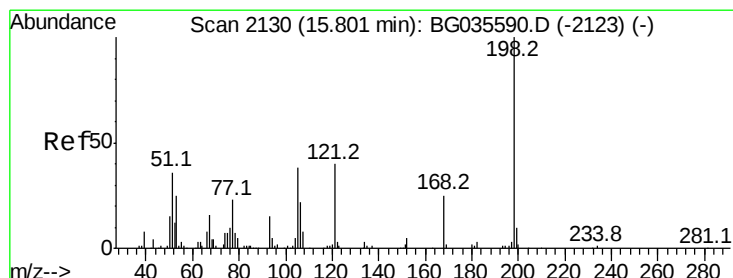
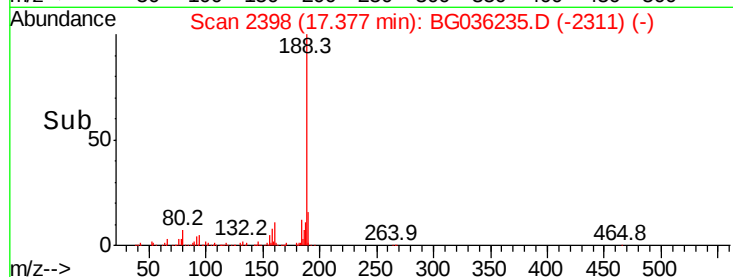
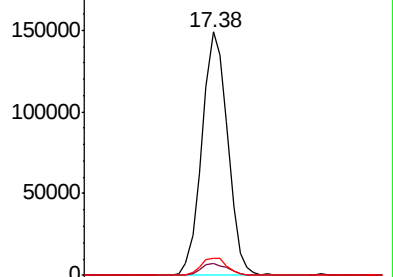
80 7.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

200000 Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 47.735 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

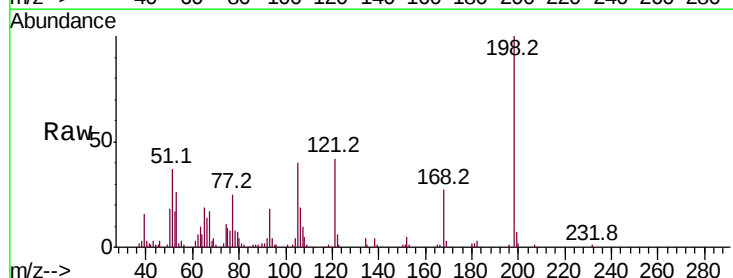
Tgt Ion:198 Resp: 61181

Ion Ratio Lower Upper

198 100

51 36.9 30.6 70.6

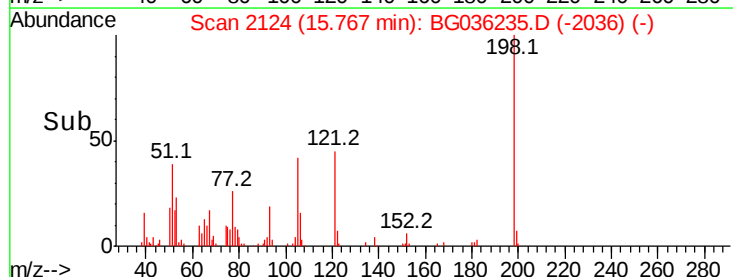
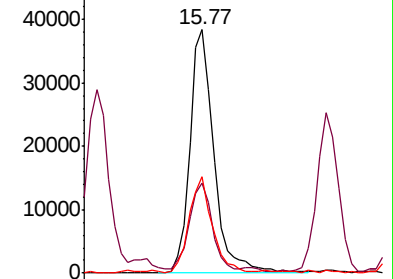
105 39.8 23.8 63.8

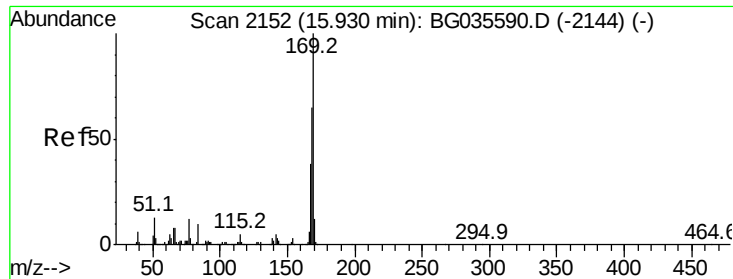


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.217 ng

RT: 15.89 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampled :

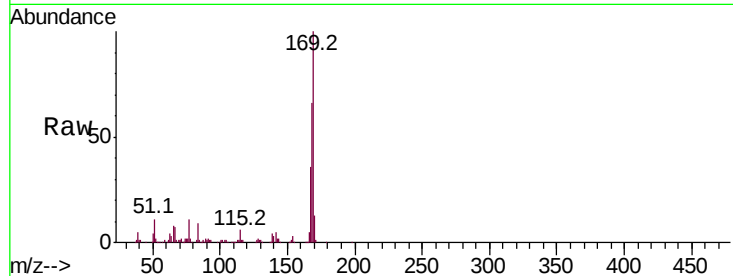
Tot Ion:169 Resp: 283227

Ion Ratio Lower Upper

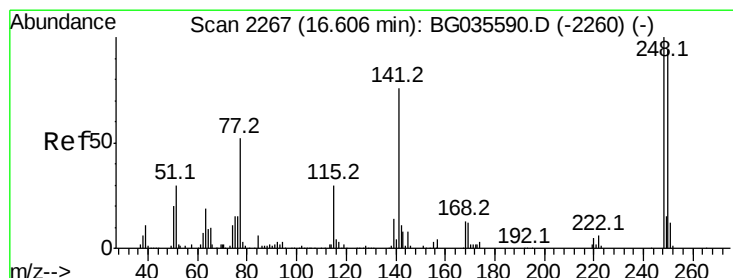
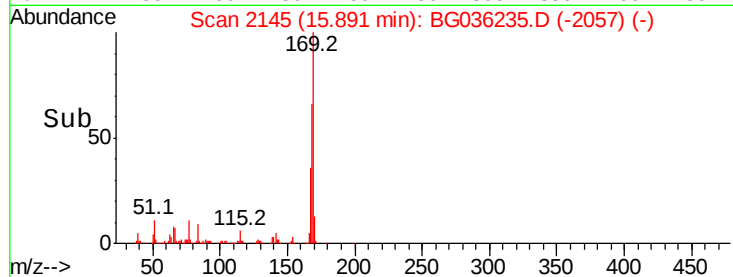
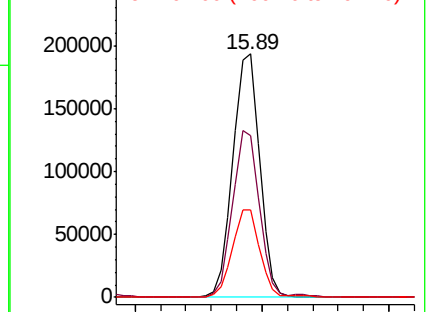
169 100

168 66.4 55.7 83.5

167 36.0 30.1 45.1



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



#66

4-Bromophenyl-phenylether

Concen: 48.882 ng

RT: 16.57 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

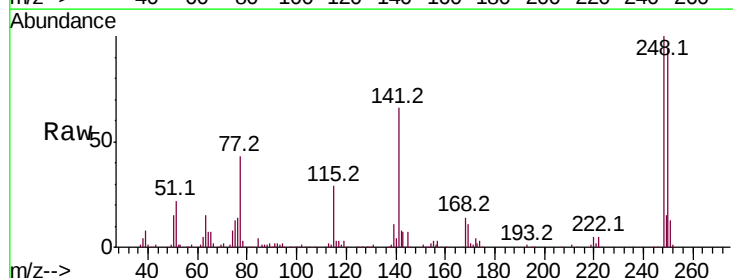
Tgt Ion:248 Resp: 130575

Ion Ratio Lower Upper

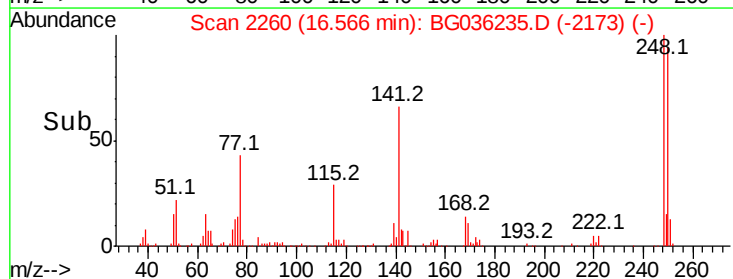
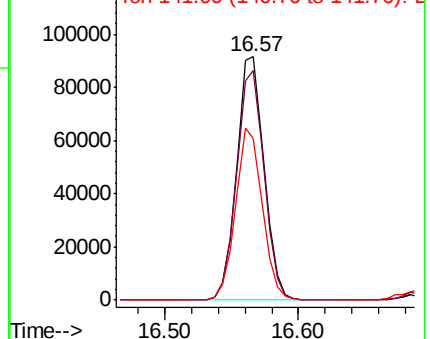
248 100

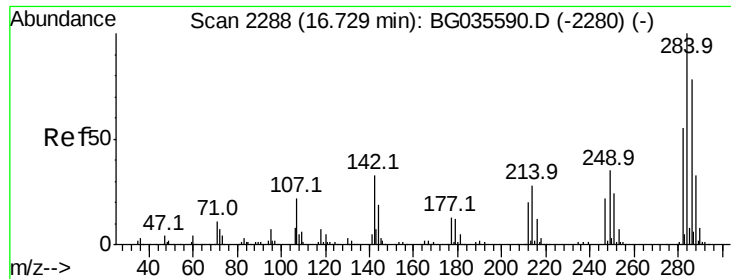
250 94.5 77.1 115.7

141 66.2 50.8 76.2



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

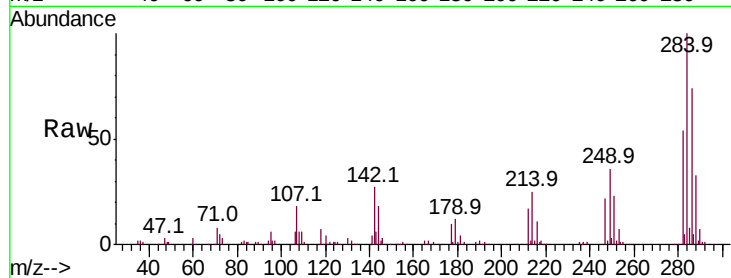




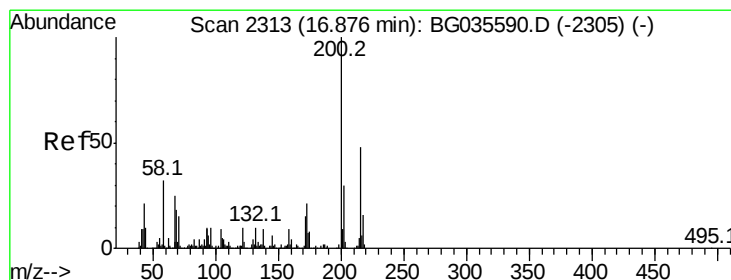
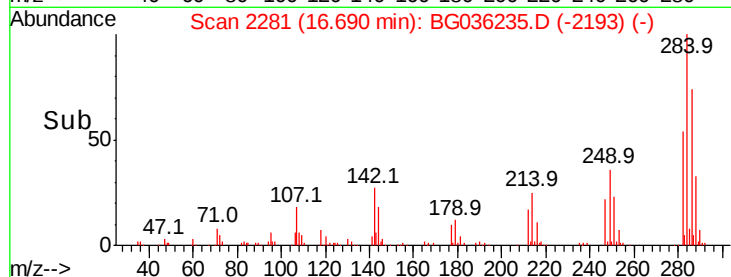
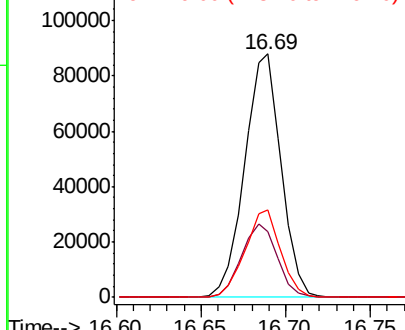
#67
Hexachlorobenzene
Concen: 47.685 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.9	26.8	40.2
249	35.9	26.3	39.5

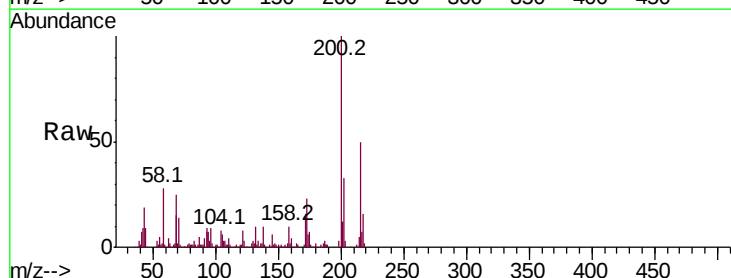


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

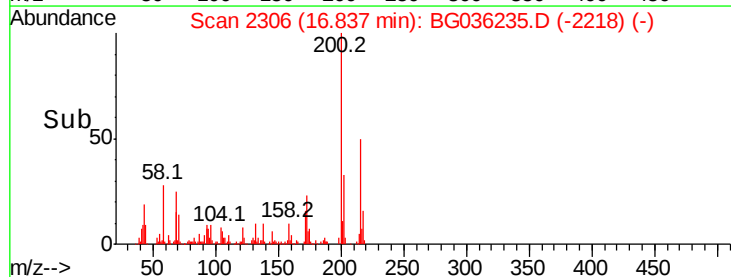
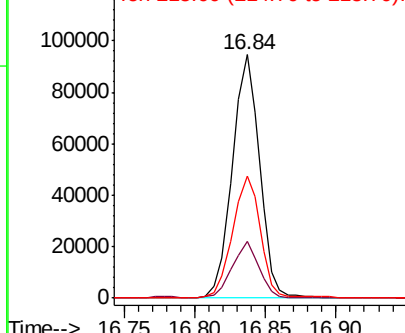


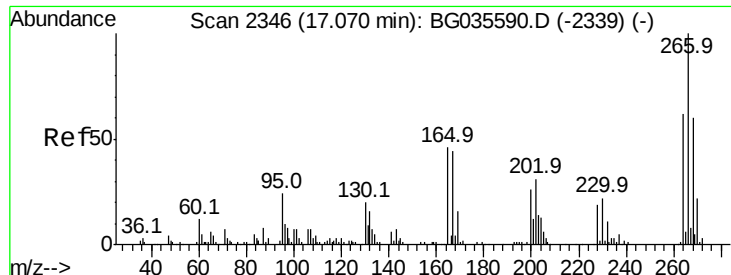
#68
Atrazine
Concen: 47.362 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.1	5.2	45.2
215	50.0	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

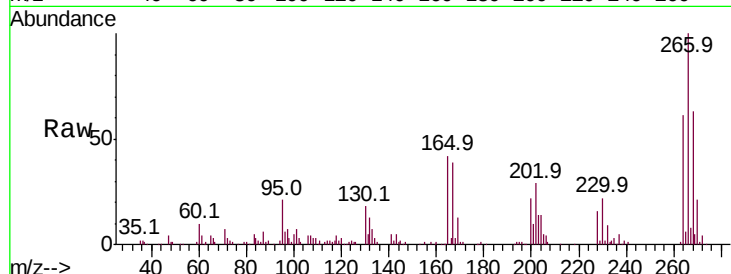




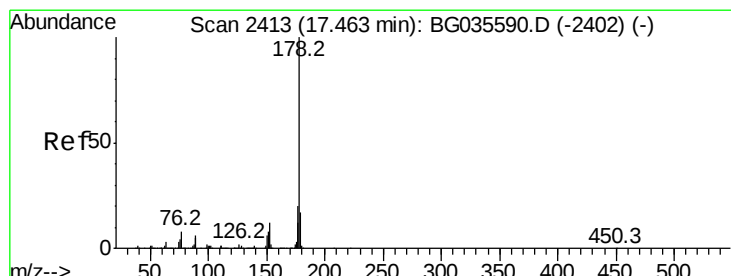
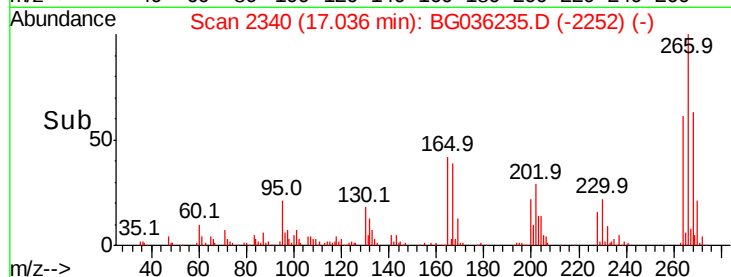
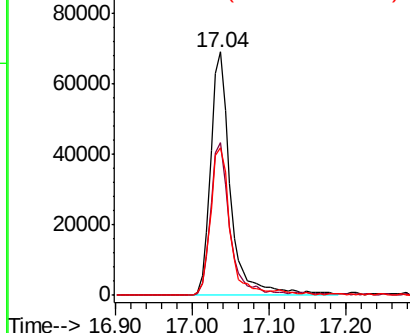
#69
 Pentachlorophenol
 Concen: 73.266 ng
 RT: 17.04 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	60.8	49.6	74.4

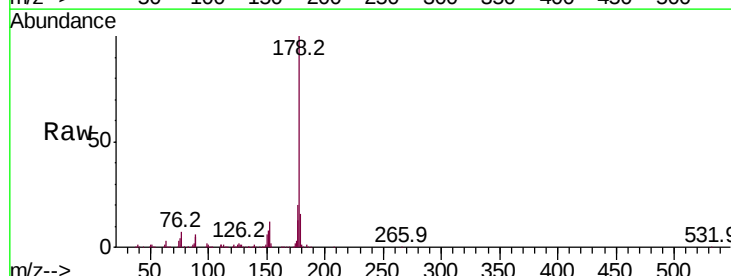


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

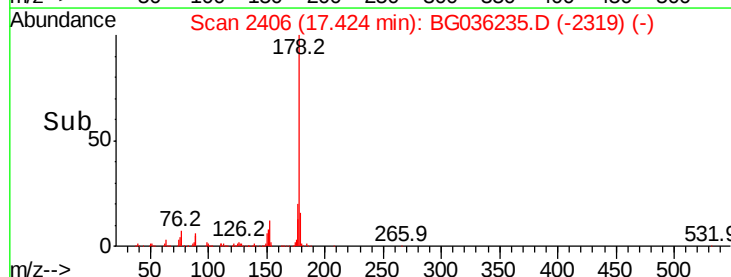
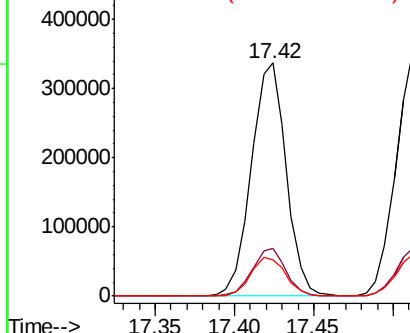


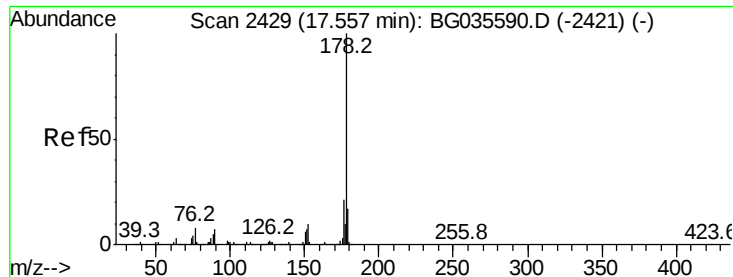
#70
 Phenanthrene
 Concen: 44.775 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	15.8	12.5	18.7



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

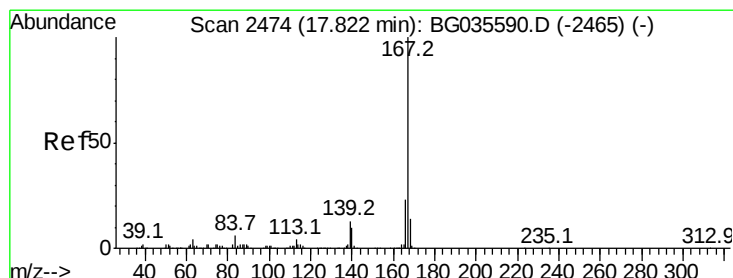
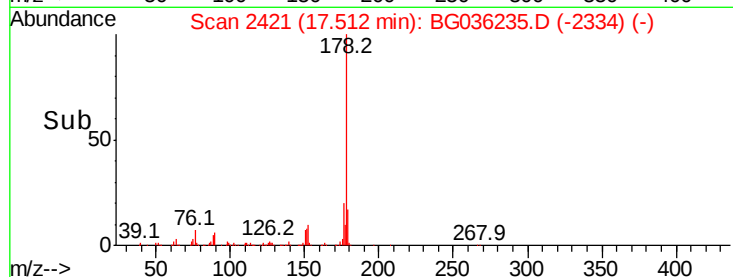
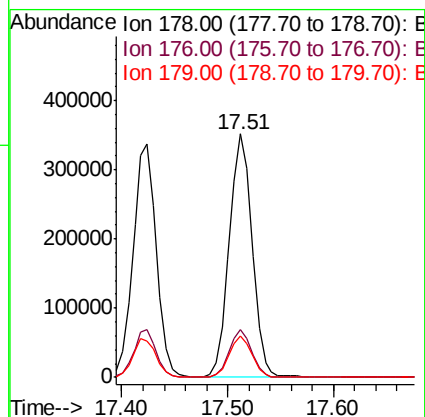
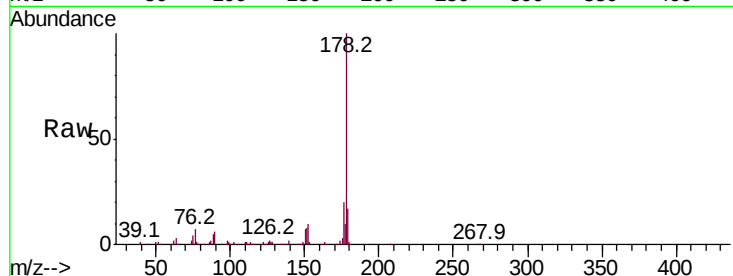




#71
 Anthracene
 Concen: 45.811 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

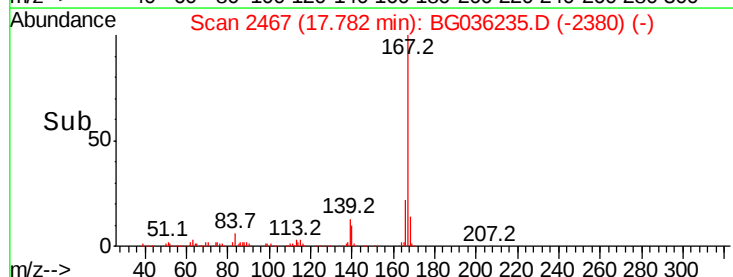
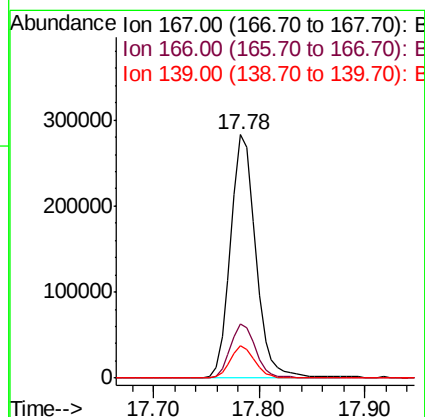
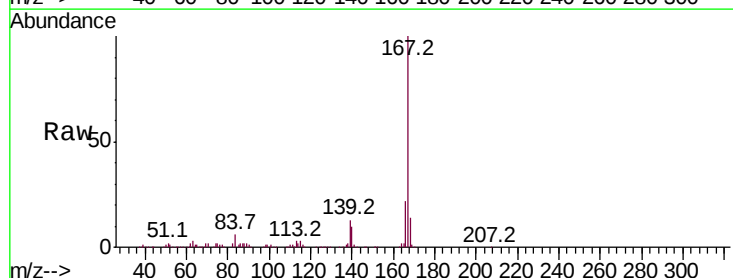
Instrument :
 BNA_G
 ClientSampleId :

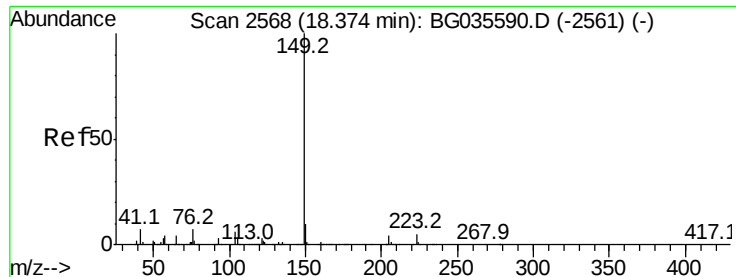
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	17.0	12.5	18.7



#72
 Carbazole
 Concen: 43.014 ng
 RT: 17.78 min Scan# 2467
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.3	9.4	14.2





#73

Di-n-butylphthalate

Concen: 42.665 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampled :

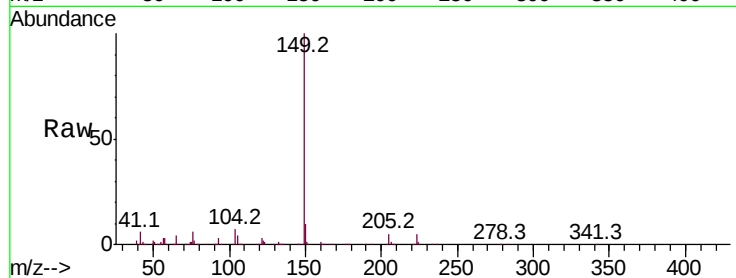
Tot Ion:149 Resp: 547749

Ion Ratio Lower Upper

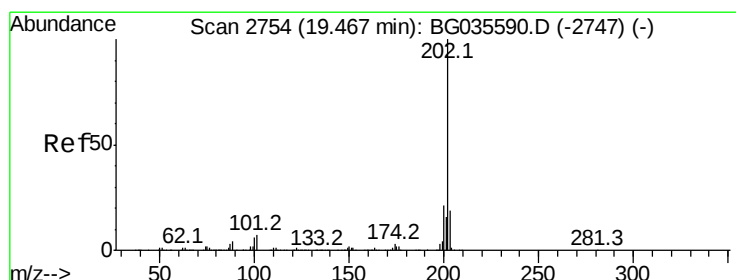
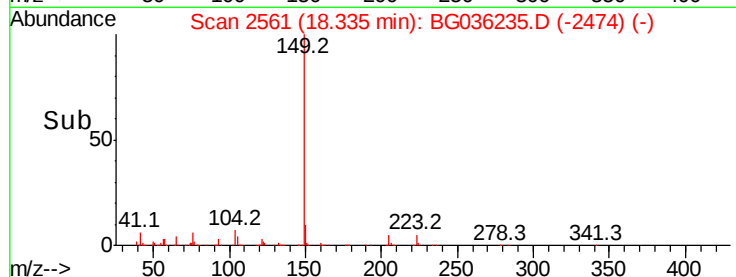
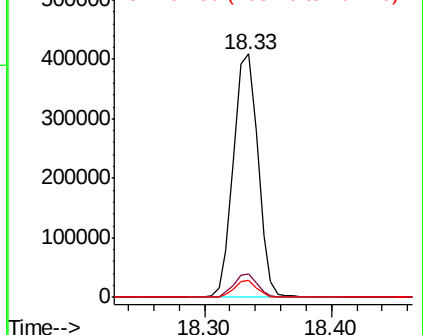
149 100

150 9.8 7.8 11.6

104 6.8 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.076 ng

RT: 19.43 min Scan# 2747

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

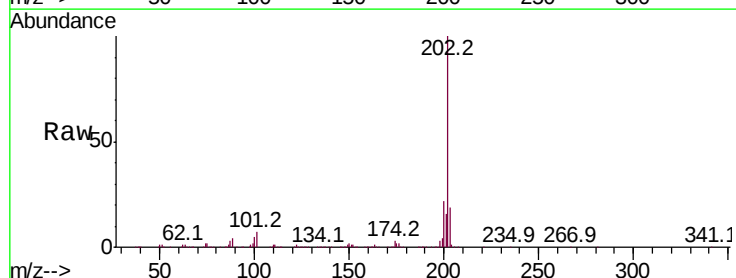
Tgt Ion:202 Resp: 682094

Ion Ratio Lower Upper

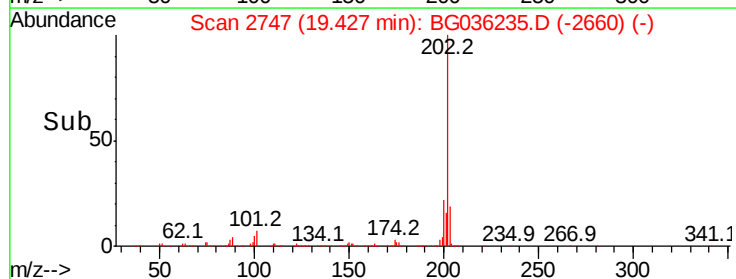
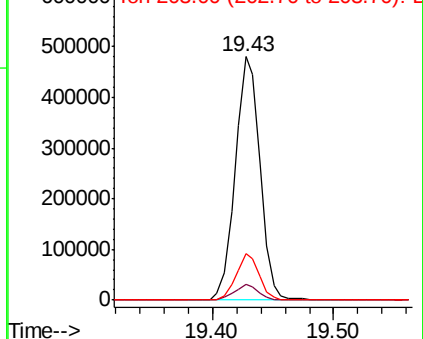
202 100

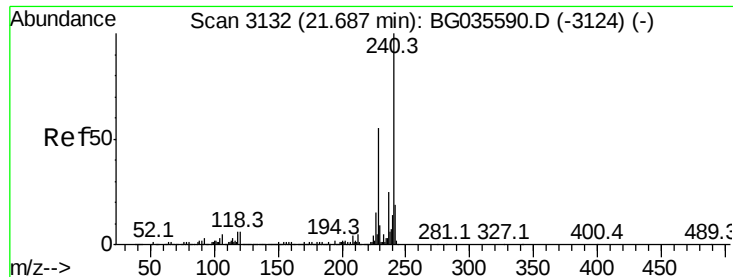
101 6.6 0.0 28.9

203 18.9 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: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

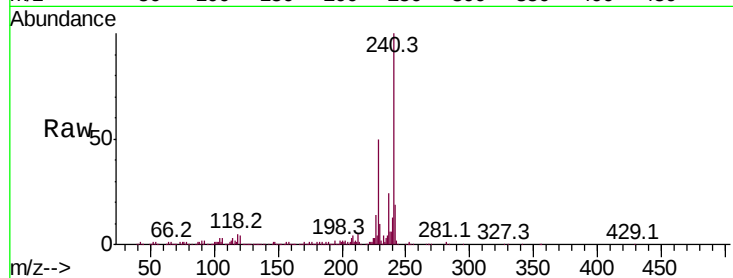
Tot Ion:240 Resp: 248829

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

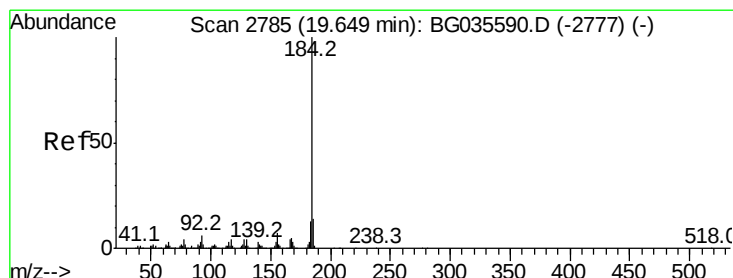
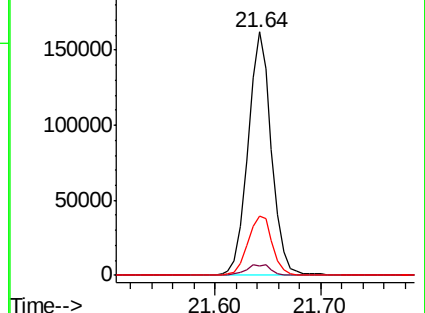
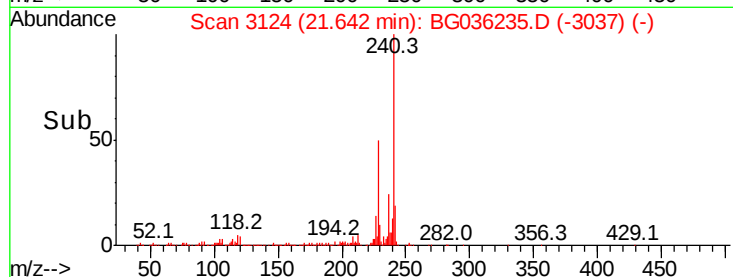
236 24.4 20.9 31.3



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: 32.657 ng

RT: 19.62 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

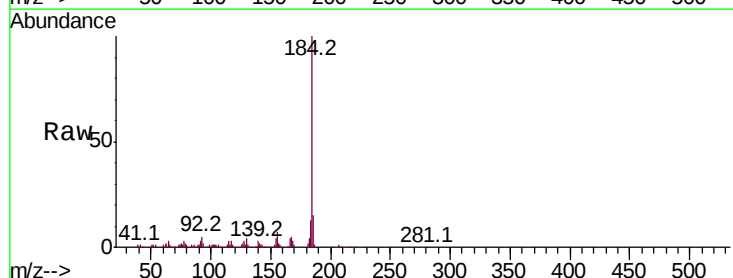
Tgt Ion:184 Resp: 213635

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

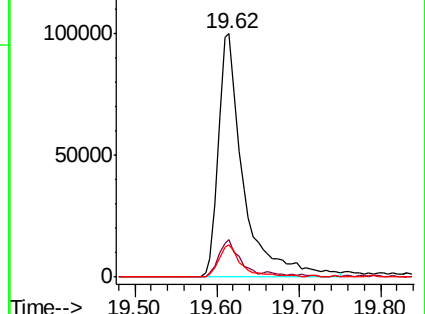
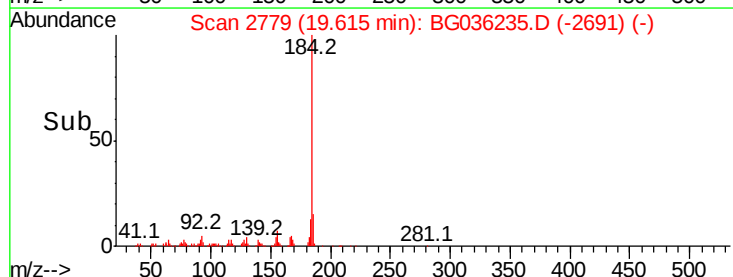
183 13.5 10.6 16.0

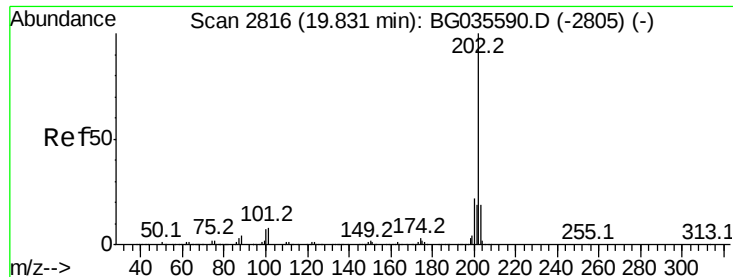


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.400 ng

RT: 19.79 min Scan# 2809

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

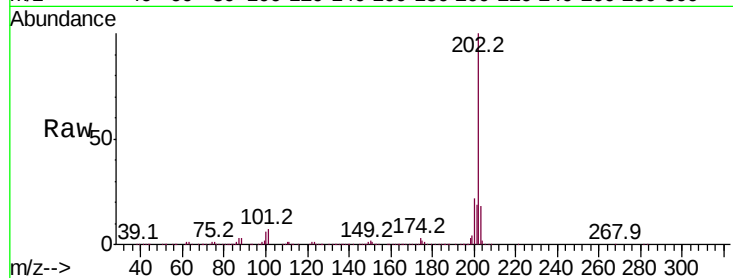
Tot Ion:202 Resp: 682846

Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

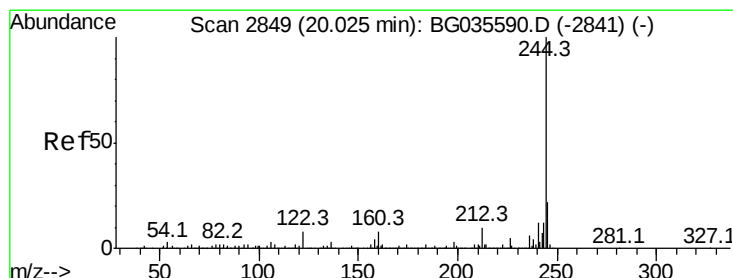
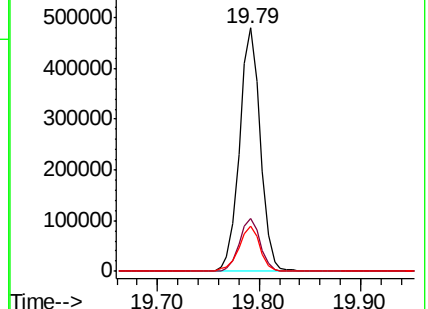
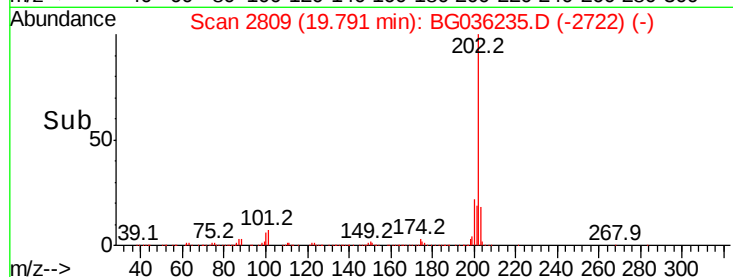
203 18.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.752 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

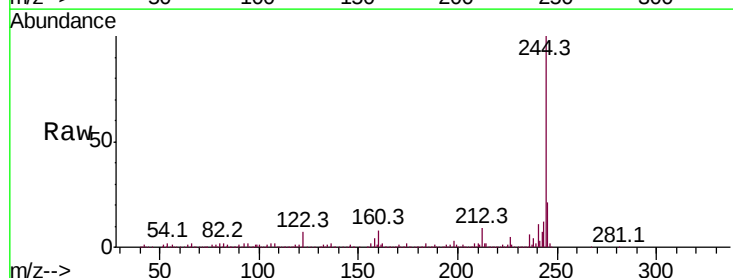
Tgt Ion:244 Resp: 1069589

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

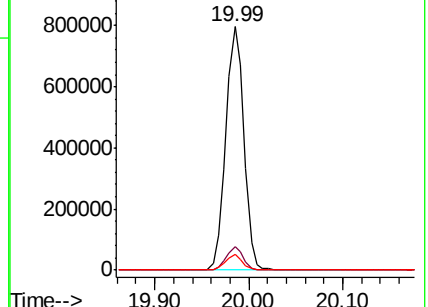
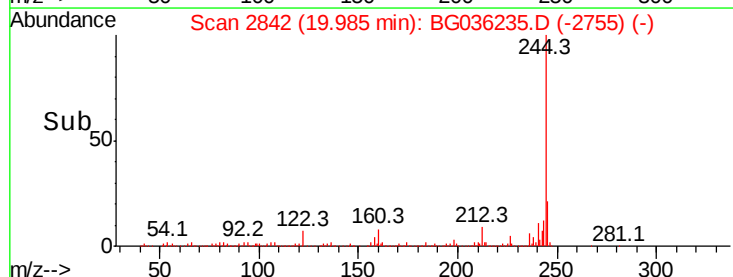
122 6.7 7.0 10.4#

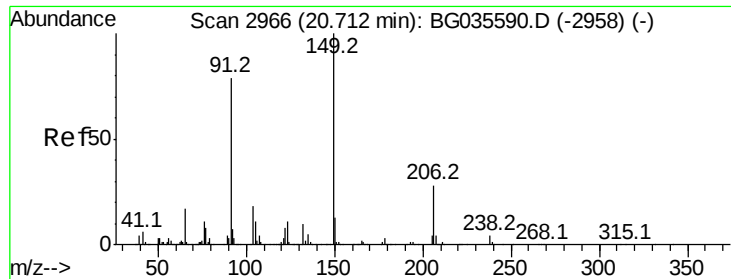


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

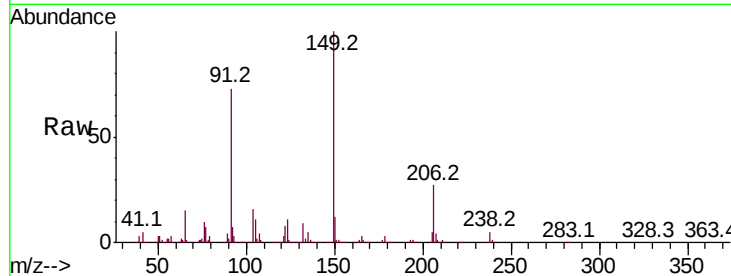




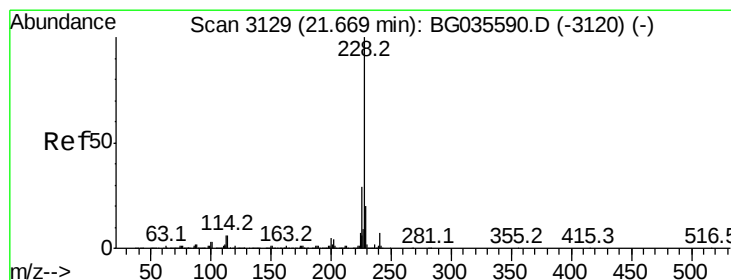
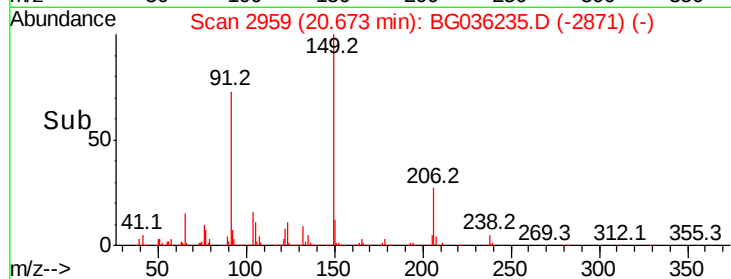
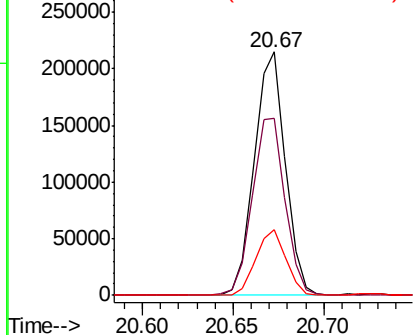
#79
Butylbenzylphthalate
Concen: 45.451 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.6	62.2	93.2
206	27.2	18.6	27.8

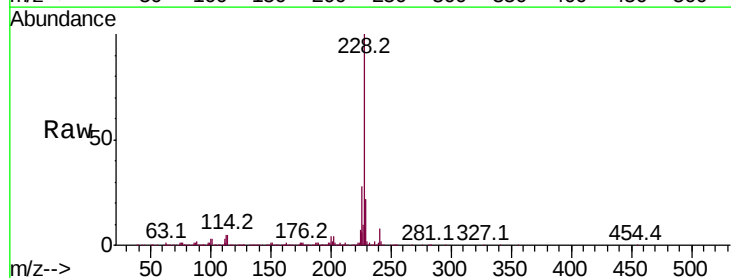


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

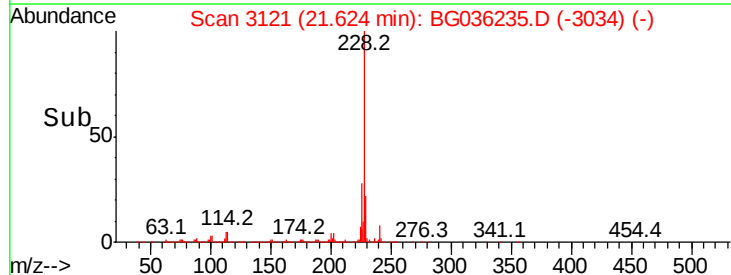
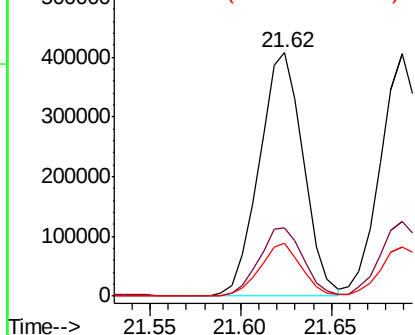


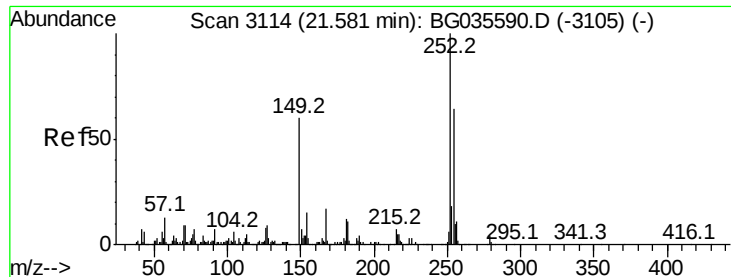
#80
Benzo(a)anthracene
Concen: 44.610 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	21.6	16.2	24.2



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

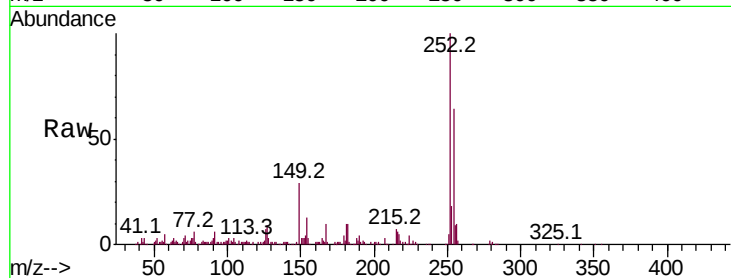




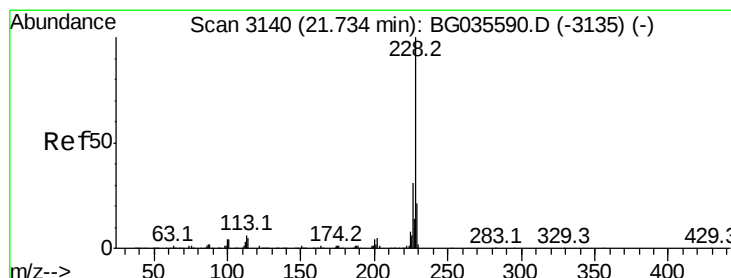
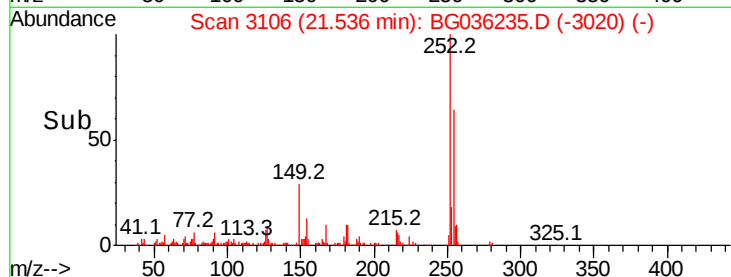
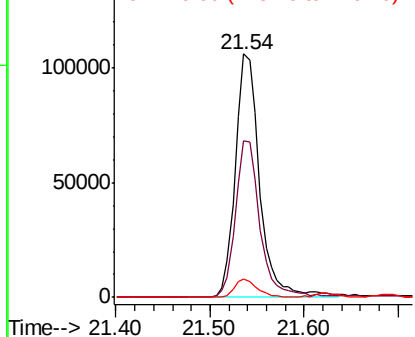
#81
 3,3'-Dichlorobenzidine
 Concen: 35.372 ng
 RT: 21.54 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 191248
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.8 76.2
 126 7.3 7.4 11.2#

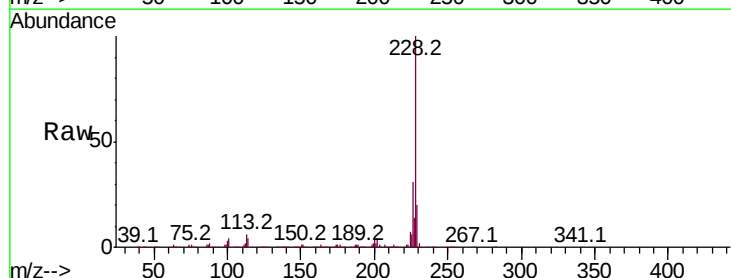


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

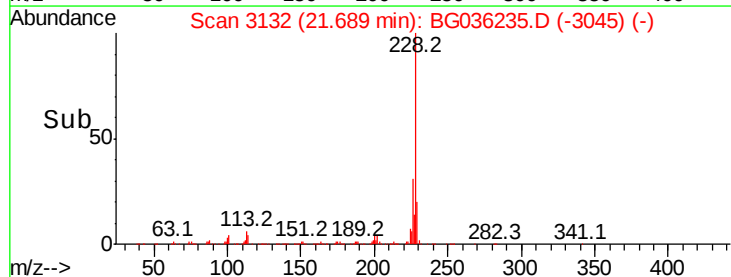
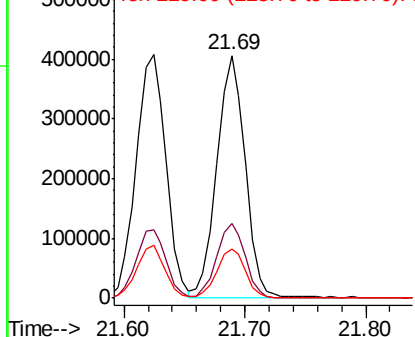


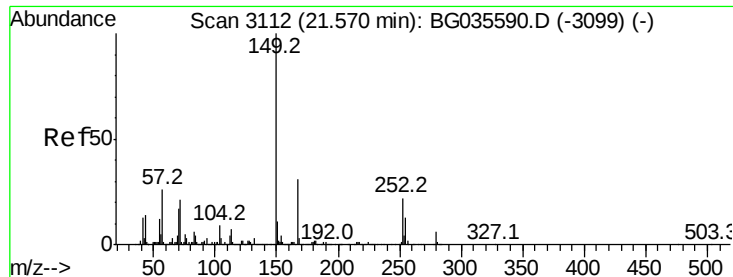
#82
 Chrysene
 Concen: 45.415 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion:228 Resp: 652578
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 20.2 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.270 ng

RT: 21.52 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

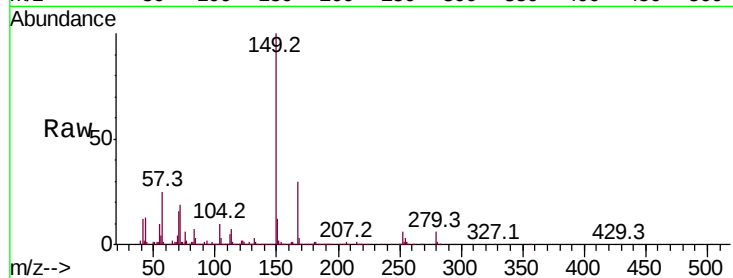
Tot Ion:149 Resp: 346280

Ion Ratio Lower Upper

149 100

167 29.8 24.3 36.5

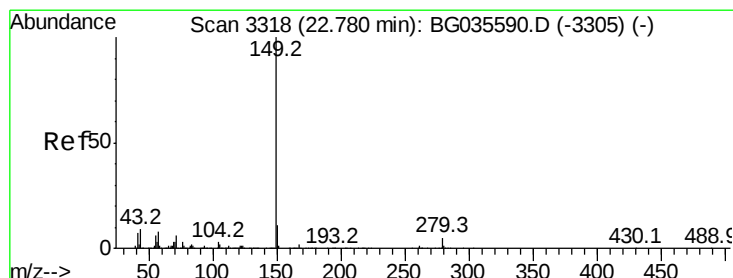
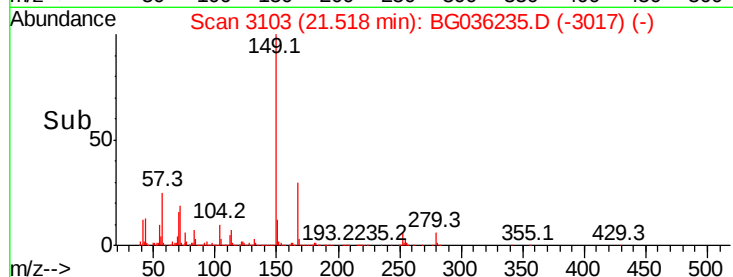
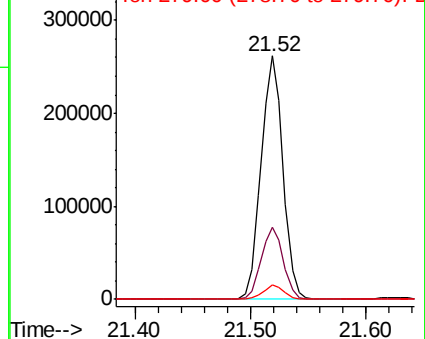
279 5.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.731 ng

RT: 22.71 min Scan# 3306

Delta R.T. -0.03 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

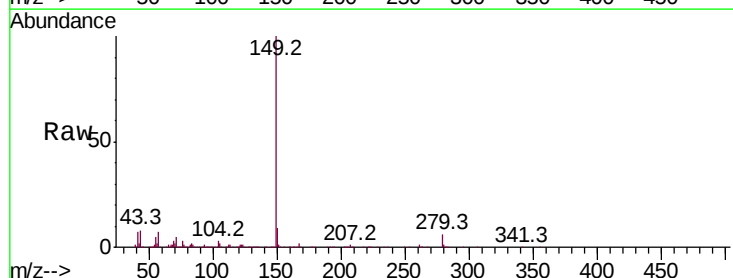
Tgt Ion:149 Resp: 585704

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

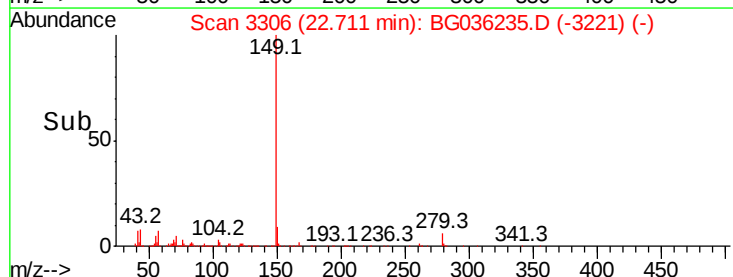
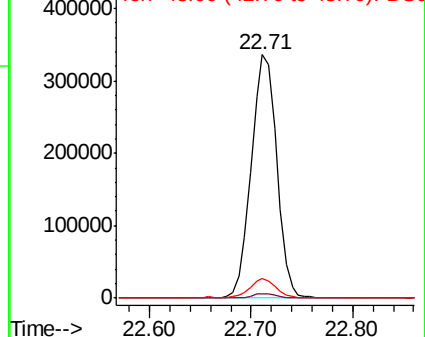
43 7.8 8.9 13.3#

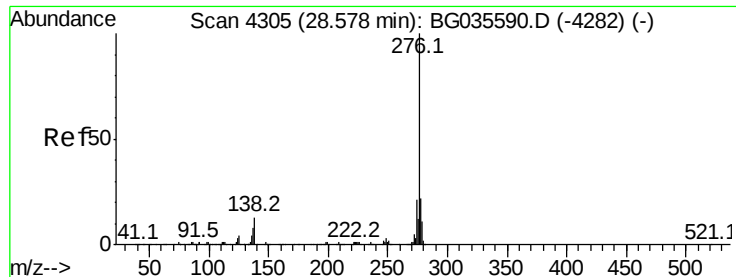


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.274 ng

RT: 28.46 min Scan# 4284

Delta R.T. -0.05 min

Lab File: BG036235.D

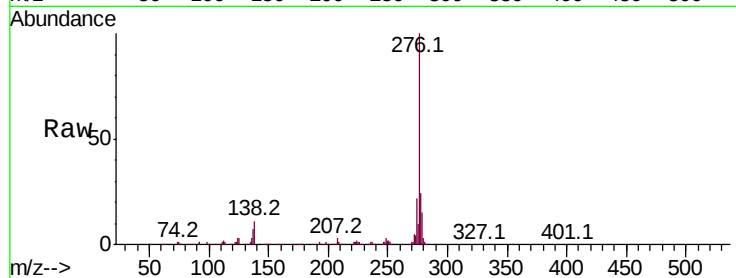
Acq: 9 Aug 2018 16:19

Instrument :

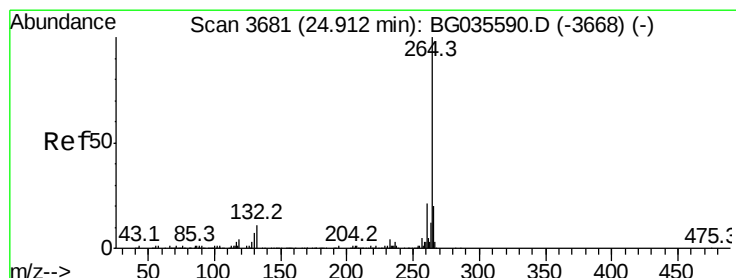
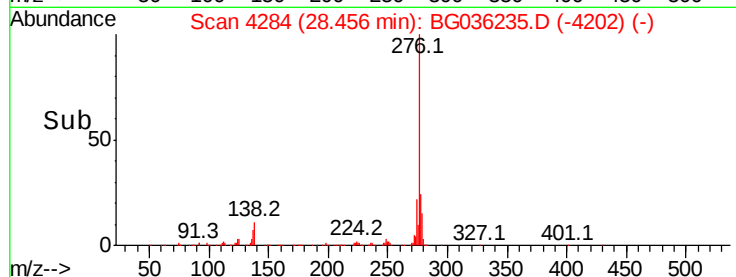
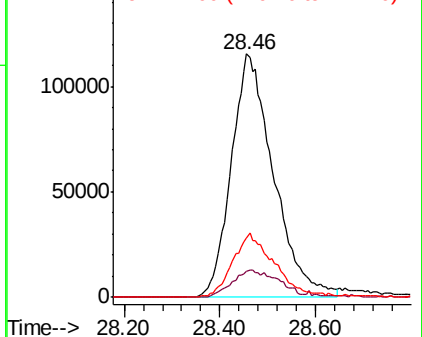
BNA_G

ClientSampleId :

Tot Ion:276	Resp:	704345
Ion Ratio	Lower	Upper
276	100	
138	12.1	16.0 24.0#
277	25.9	20.0 30.0



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



#86

Perylene-d12

Concen: 20.000 ng

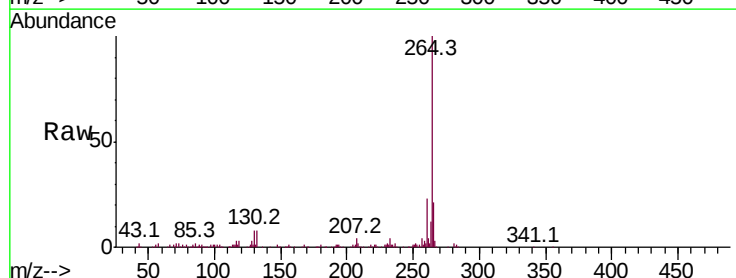
RT: 24.83 min Scan# 3666

Delta R.T. -0.03 min

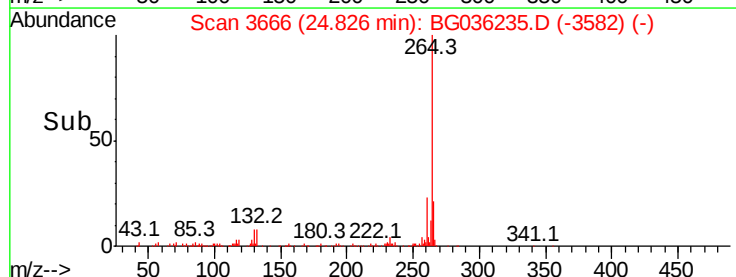
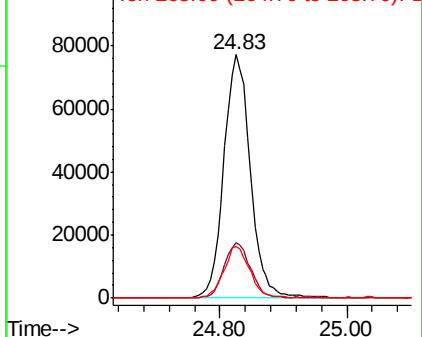
Lab File: BG036235.D

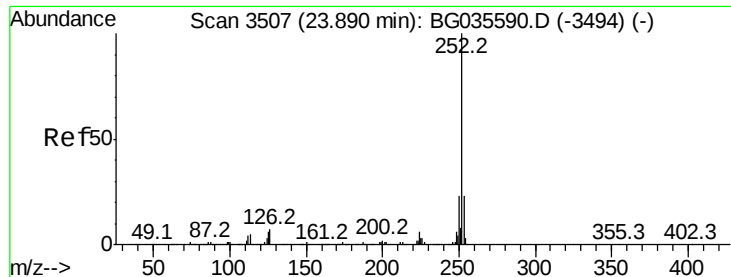
Acq: 9 Aug 2018 16:19

Tgt Ion:264	Resp:	221900
Ion Ratio	Lower	Upper
264	100	
260	22.7	17.4 26.0
265	21.0	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: 48.392 ng

RT: 23.82 min Scan# 3495

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

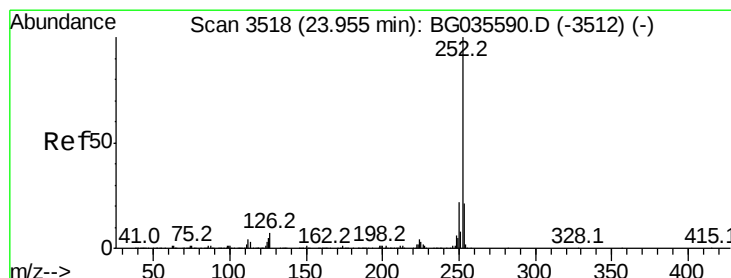
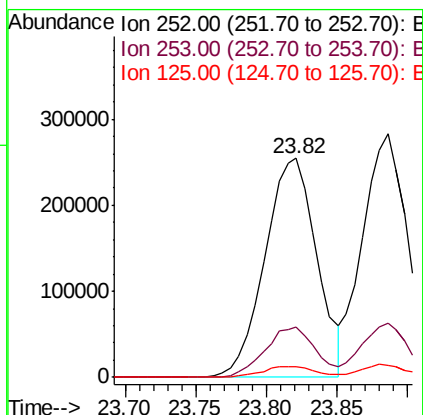
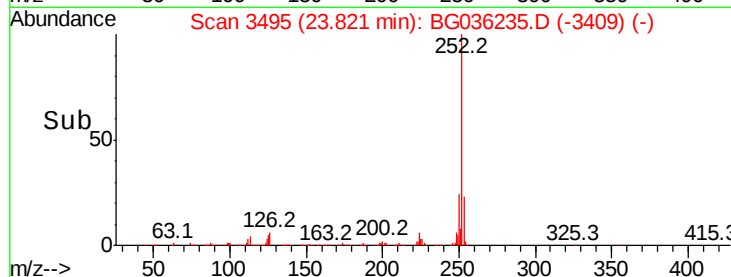
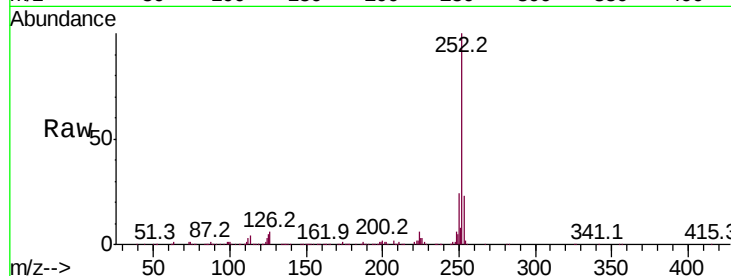
Tot Ion:252 Resp: 652670

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

125 4.7 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 48.811 ng

RT: 23.89 min Scan# 3506

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

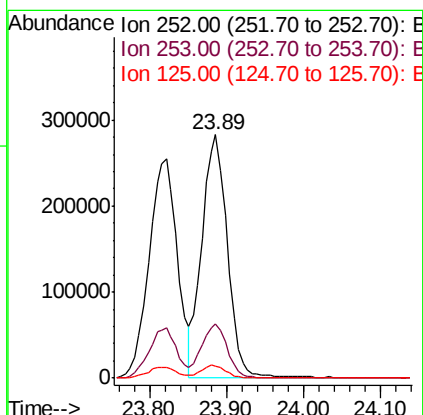
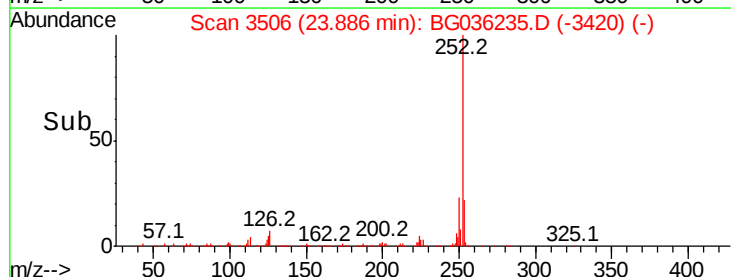
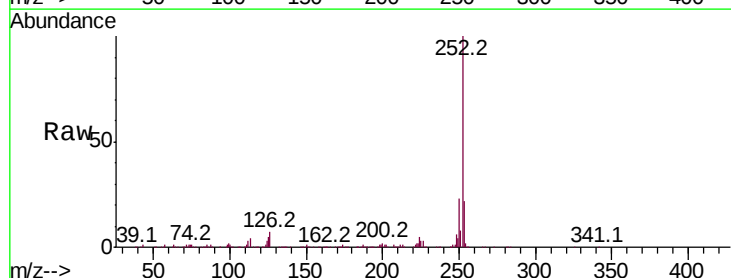
Tgt Ion:252 Resp: 643591

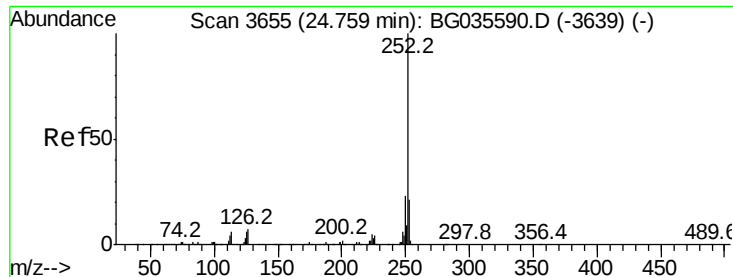
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 4.8 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 50.711 ng

RT: 24.68 min Scan# 3641

Delta R.T. -0.03 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampleId :

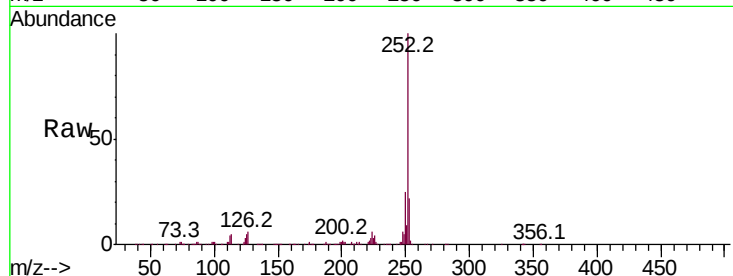
Tot Ion:252 Resp: 636284

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

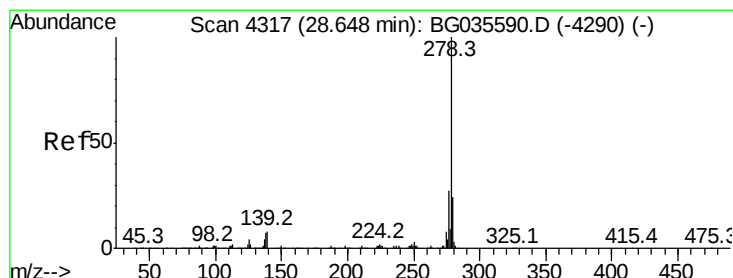
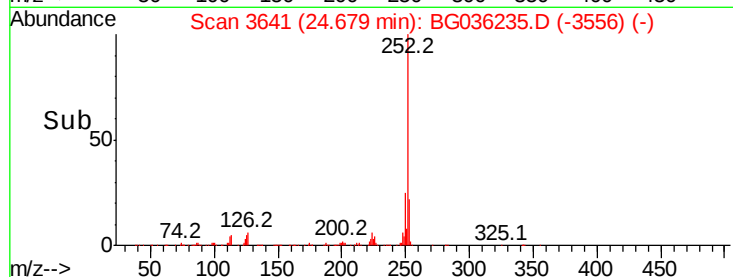
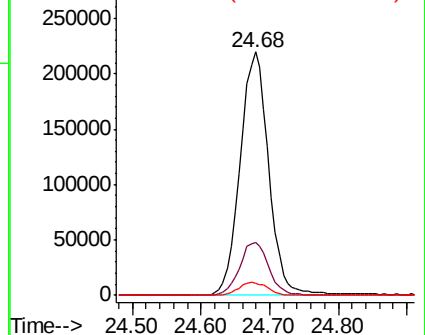
125 4.8 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.434 ng

RT: 28.52 min Scan# 4295

Delta R.T. -0.05 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

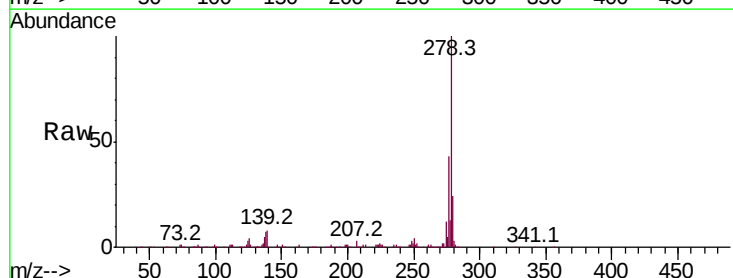
Tgt Ion:278 Resp: 596617

Ion Ratio Lower Upper

278 100

139 7.9 9.8 14.6#

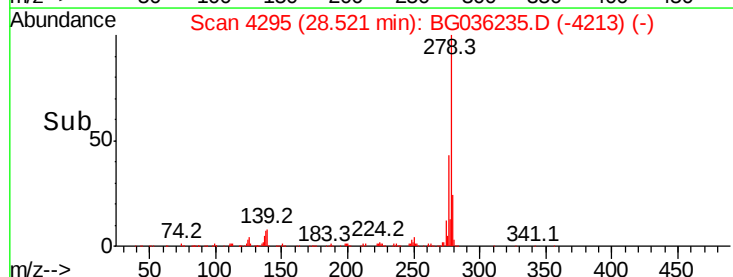
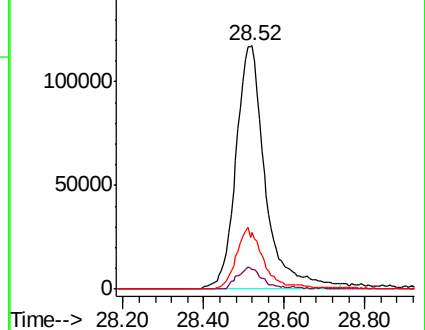
279 23.5 18.4 27.6

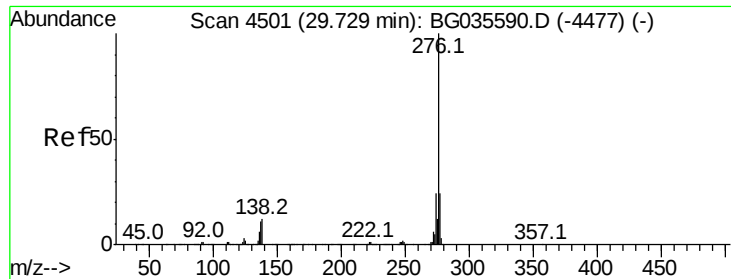


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

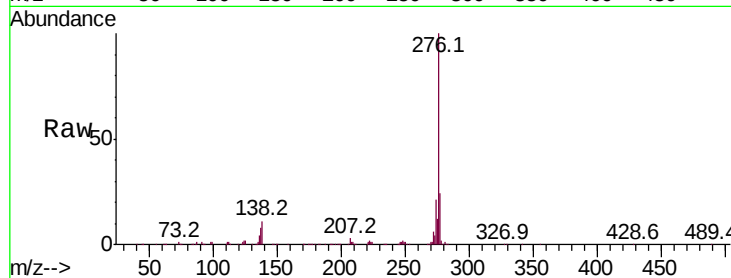




#91
 Benzo(a,h,i)perylene
 Concen: 49.511 ng
 RT: 29.60 min Scan# 4479
 Delta R.T. -0.03 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.3	27.5
138	10.6	13.9	20.9



Abundance Ion 276.00 (275.70 to 276.70): E
 150000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

