

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036083.D
 Acq On : 3 Aug 2018 7:11
 Operator : JU/SJ
 Sample : PB111703BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Quant Time: Aug 03 08:28:58 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	8.02	152	28566	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	111247	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	84291	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	246081	20.00	ng	0.00
75) Chrysene-d12	21.65	240	269391	20.00	ng	0.00
86) Perylene-d12	24.85	264	263128	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	257017	149.38	ng	0.00
7) Phenol-d6	7.19	99	384518	149.79	ng	0.00
23) Nitrobenzene-d5	9.18	82	256479	96.31	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	197275	177.56	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	603362	95.90	ng	-0.01
78) Terphenyl-d14	20.00	244	1253926	102.60	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.51	88	28694	32.766	ng	# 73
3) Pyridine	3.91	79	76227	33.343	ng	# 77
4) n-Nitrosodimethylamine	3.83	42	36542	37.226	ng	# 88
6) Aniline	7.34	93	113833	34.211	ng	94
8) 2-Chlorophenol	7.59	128	81827	46.760	ng	92
9) Benzaldehyde	7.16	77	50370	31.978	ng	93
10) Phenol	7.22	94	125267	48.299	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	83620	41.169	ng	90
12) 1,3-Dichlorobenzene	7.91	146	95492	45.188	ng	94
13) 1,4-Dichlorobenzene	8.06	146	94853	44.177	ng	95
14) 1,2-Dichlorobenzene	8.37	146	90175	43.717	ng	95
15) Benzyl Alcohol	8.26	79	98562	42.280	ng	86
16) 2,2'-oxybis(1-Chloropropan	8.54	45	94171	55.302	ng	76
17) 2-Methylphenol	8.47	107	82045	46.528	ng	# 87
18) Hexachloroethane	9.10	117	35576	43.335	ng	# 83
19) n-Nitroso-di-n-propylamine	8.82	70	78755	36.431	ng	# 84
20) 3+4-Methylphenols	8.80	107	114336	46.739	ng	90
22) Acetophenone	8.84	105	146176	42.254	ng	# 93
24) Nitrobenzene	9.22	77	123368	46.064	ng	97
25) Isophorone	9.75	82	231460	46.821	ng	99
26) 2-Nitrophenol	9.94	139	50115	52.688	ng	# 87
27) 2,4-Dimethylphenol	9.99	122	93049	57.793	ng	94
28) bis(2-Chloroethoxy)methane	10.22	93	120579	44.266	ng	93
29) 2,4-Dichlorophenol	10.48	162	98695	53.700	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	106385	47.205	ng	93
31) Naphthalene	10.88	128	271211	46.801	ng	98
32) Benzoic acid	10.17	122	23994	22.137	ng	96
33) 4-Chloroaniline	10.99	127	63420	25.110	ng	# 94
34) Hexachlorobutadiene	11.15	225	82687	47.052	ng	97
35) Caprolactam	11.77	113	20974	26.593	ng	# 71
36) 4-Chloro-3-methylphenol	12.11	107	129339	52.502	ng	92
37) 2-Methylnaphthalene	12.47	142	216730	50.200	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	146200	45.954	ng	98
40) Hexachlorocyclopentadiene	12.82	237	174181	104.395	ng	91

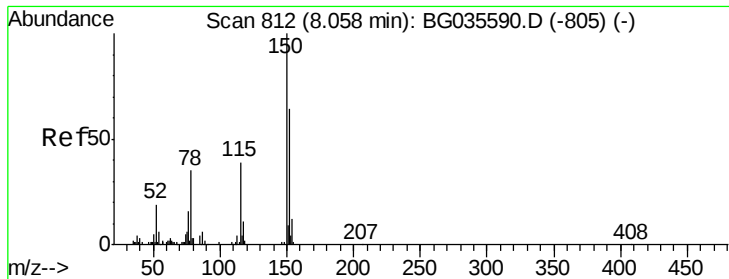
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036083.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	97231	52.260	ng	92
43) 2,4,5-Trichlorophenol	13.16	196	108623	52.189	ng	98
45) 1,1'-Biphenyl	13.48	154	300132	45.927	ng	99
46) 2-Chloronaphthalene	13.52	162	245131	48.224	ng	98
47) 2-Nitroaniline	13.73	65	86777	48.288	ng	96
48) Acenaphthylene	14.37	152	408904	48.022	ng	97
49) Dimethylphthalate	14.10	163	348817	47.232	ng	98
50) 2,6-Dinitrotoluene	14.22	165	81033	53.882	ng	93
51) Acenaphthene	14.71	154	240362	45.315	ng	98
52) 3-Nitroaniline	14.56	138	51988	33.823	ng #	98
53) 2,4-Dinitrophenol	14.76	184	41993	56.414	ng #	70
54) Dibenzofuran	15.05	168	410749	48.691	ng	93
55) 4-Nitrophenol	14.88	139	95082	86.860	ng #	84
56) 2,4-Dinitrotoluene	15.01	165	118332	54.846	ng	89
57) Fluorene	15.69	166	349527	49.435	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	111488	55.867	ng #	94
59) Diethylphthalate	15.46	149	363197	47.828	ng	98
60) 4-Chlorophenyl-phenylether	15.68	204	196227	47.220	ng	98
61) 4-Nitroaniline	15.72	138	78506	48.827	ng #	83
62) Azobenzene	15.97	77	360862	48.176	ng	96
64) 4,6-Dinitro-2-methylphenol	15.77	198	57507	41.981	ng	88
65) n-Nitrosodiphenylamine	15.90	169	309713	44.217	ng	98
66) 4-Bromophenyl-phenylether	16.57	248	136231	47.717	ng	93
67) Hexachlorobenzene	16.70	284	144094	49.010	ng	95
68) Atrazine	16.84	200	142305	49.344	ng	97
69) Pentachlorophenol	17.04	266	121383	67.782	ng	98
70) Phenanthrene	17.43	178	579208	47.171	ng	99
71) Anthracene	17.52	178	590304	48.280	ng	97
72) Carbazole	17.80	167	533626	45.957	ng	98
73) Di-n-butylphthalate	18.34	149	619681	45.162	ng #	97
74) Fluoranthene	19.44	202	777637	47.016	ng	96
76) Benzidine	19.62	184	252843	35.700	ng	96
77) Pyrene	19.80	202	781220	45.863	ng	98
79) Butylbenzylphthalate	20.68	149	296526	48.679	ng	97
80) Benzo(a)anthracene	21.63	228	810253	48.265	ng	99
81) 3,3'-Dichlorobenzidine	21.55	252	207671	35.478	ng #	95
82) Chrysene	21.70	228	751608	48.314	ng	97
83) Bis(2-ethylhexyl)phthalate	21.53	149	407694	49.231	ng	99
84) Di-n-octyl phthalate	22.73	149	702446	50.660	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	850600	49.386	ng #	93
87) Benzo(b)fluoranthene	23.84	252	778331	48.667	ng #	95
88) Benzo(k)fluoranthene	23.90	252	752247	48.112	ng #	97
89) Benzo(a)pyrene	24.70	252	751459	50.506	ng #	96
90) Dibenzo(a,h)anthracene	28.55	278	683946	46.824	ng #	96
91) Benzo(g,h,i)perylene	29.63	276	700516	49.009	ng #	94

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

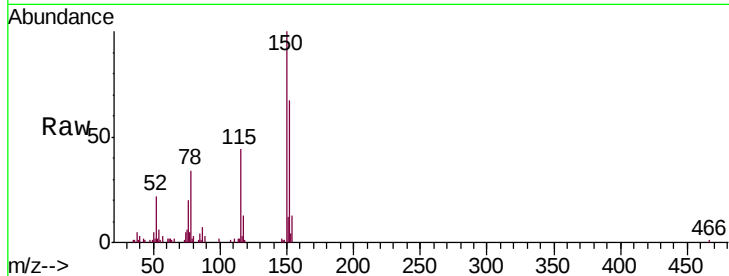


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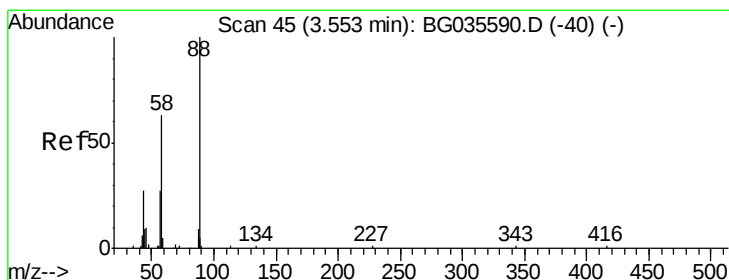
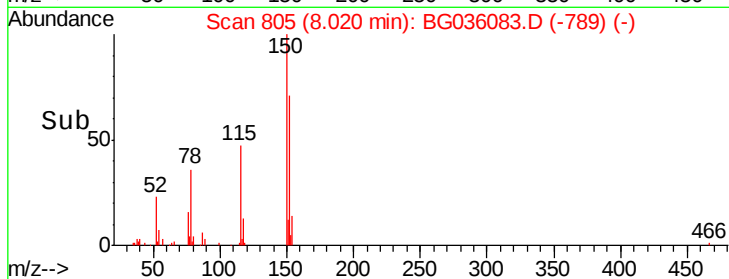
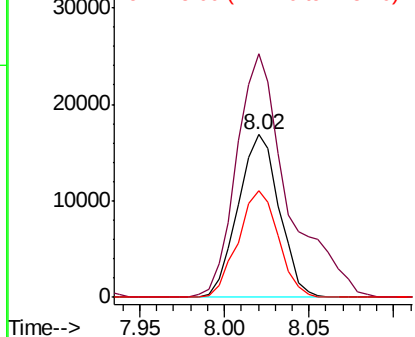
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB111703BS

Tgt Ion:152 Resp: 28566
Ion Ratio Lower Upper
152 100
150 149.8 126.6 189.8
115 66.0 53.0 79.4



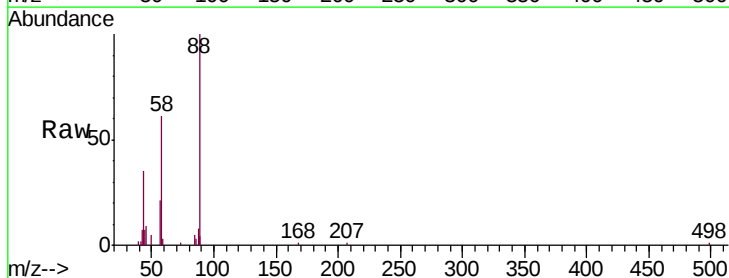
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



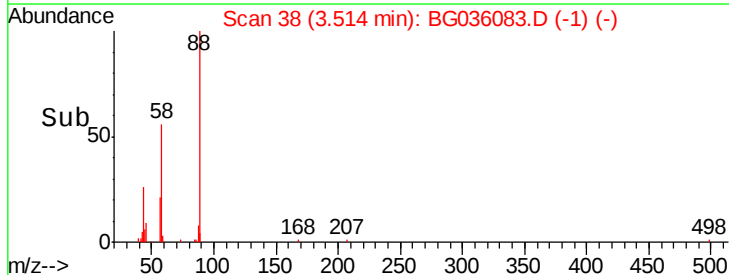
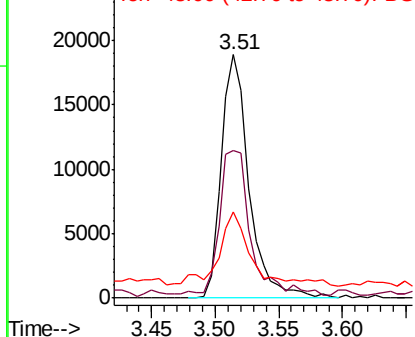
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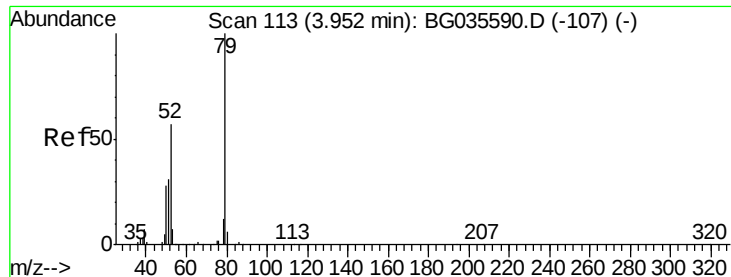
1,4-Dioxane
Concen: 32.766 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion: 88 Resp: 28694
Ion Ratio Lower Upper
88 100
58 66.2 79.6 119.4#
43 30.4 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.343 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

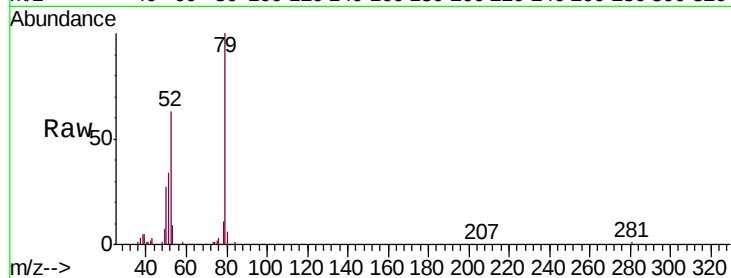
Tgt Ion: 79 Resp: 76227

Ion Ratio Lower Upper

79 100

52 62.6 69.9 104.9#

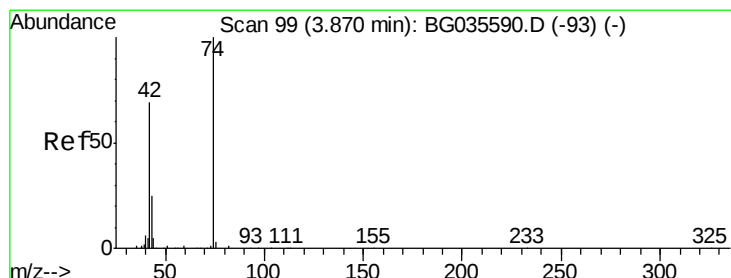
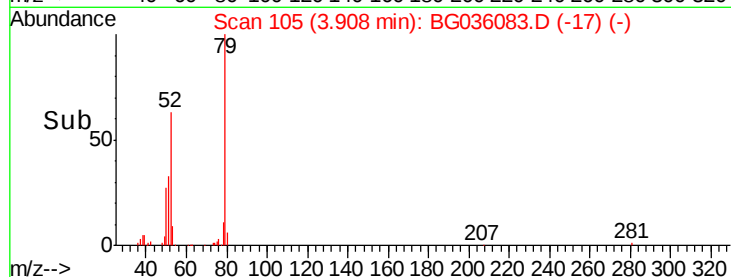
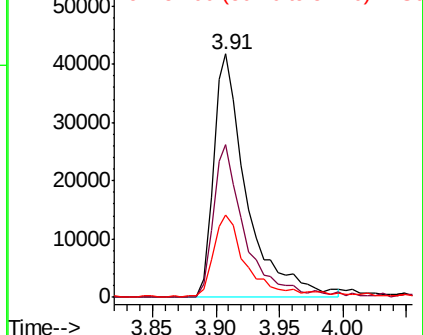
51 33.7 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.226 ng

RT: 3.83 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

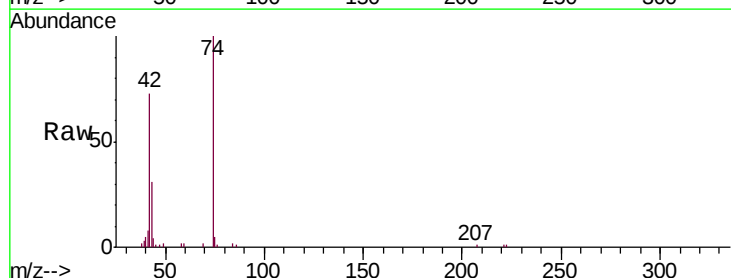
Tgt Ion: 42 Resp: 36542

Ion Ratio Lower Upper

42 100

74 136.7 102.5 153.7

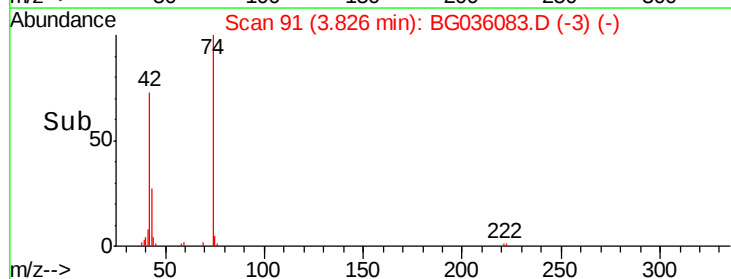
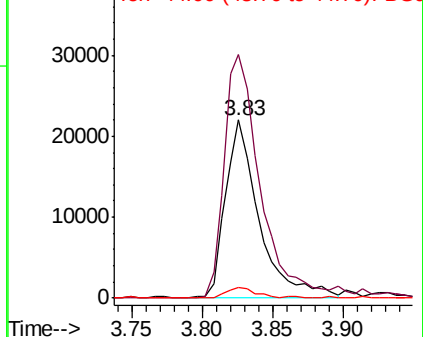
44 6.1 18.9 28.3#

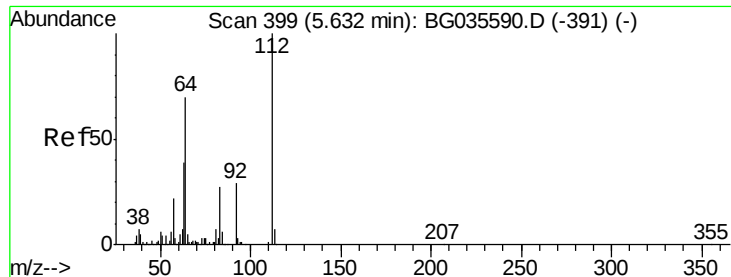


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 149.376 ng

RT: 5.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

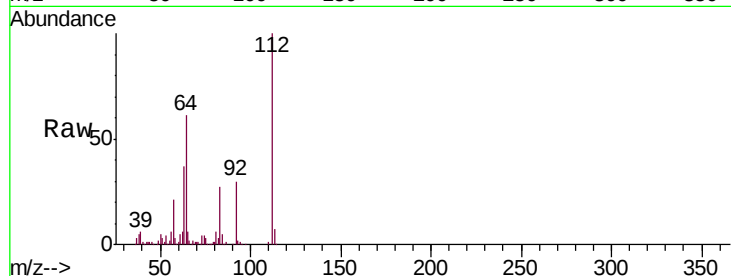
Tgt Ion: 112 Resp: 257017

Ion Ratio Lower Upper

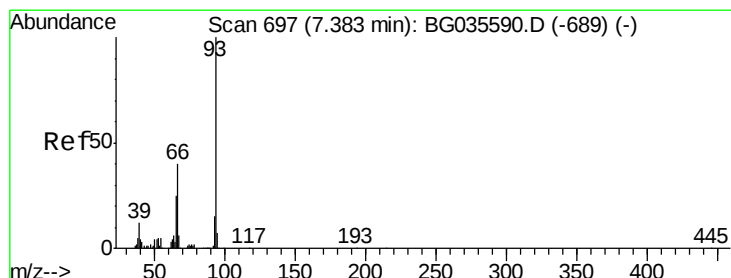
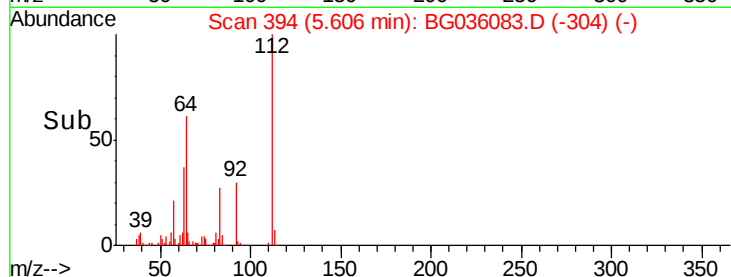
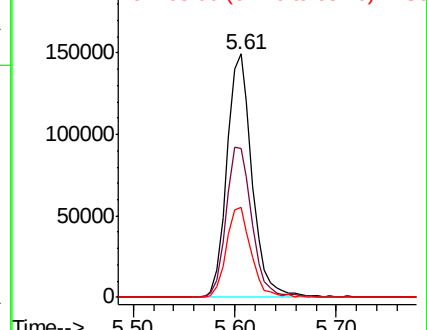
112 100

64 61.3 56.3 84.5

63 37.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.211 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

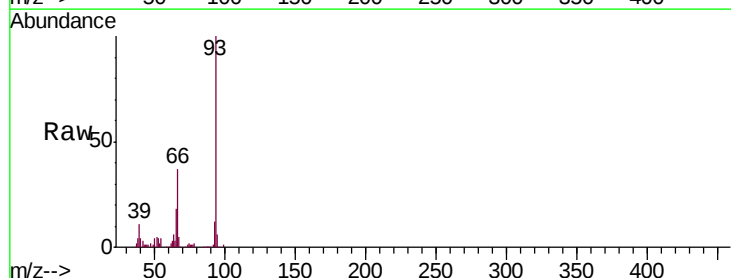
Tgt Ion: 93 Resp: 113833

Ion Ratio Lower Upper

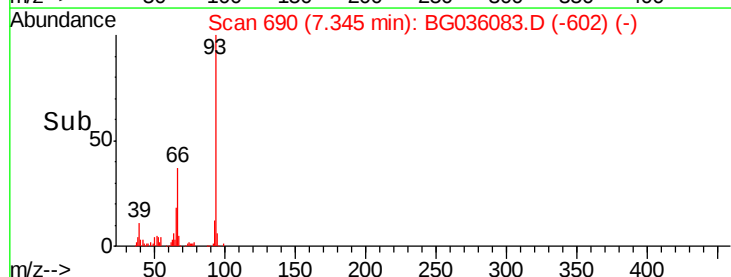
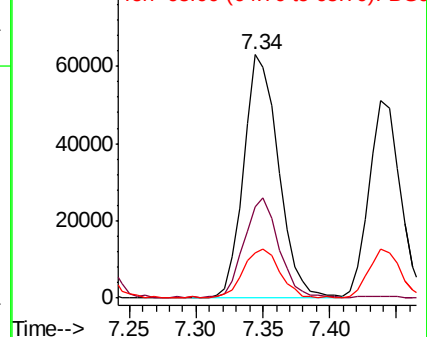
93 100

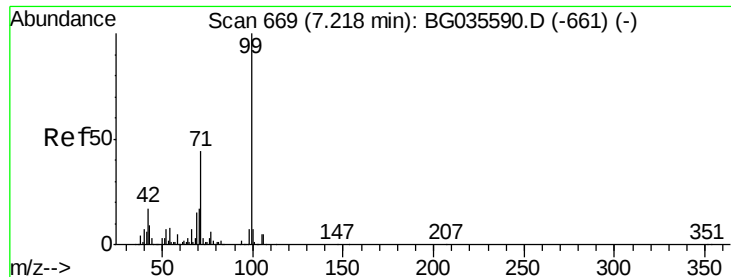
66 37.3 33.7 50.5

65 18.5 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: 149.786 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

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ClientSampleId :

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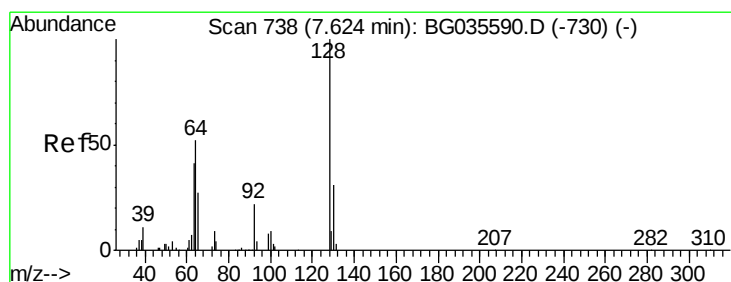
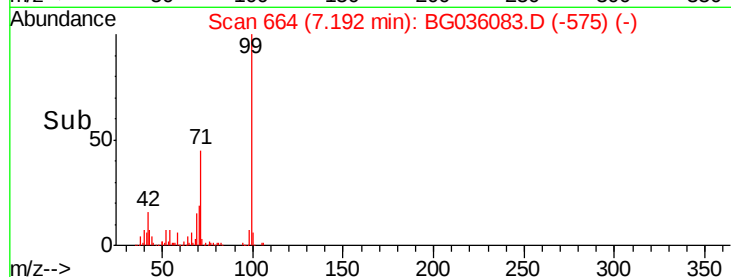
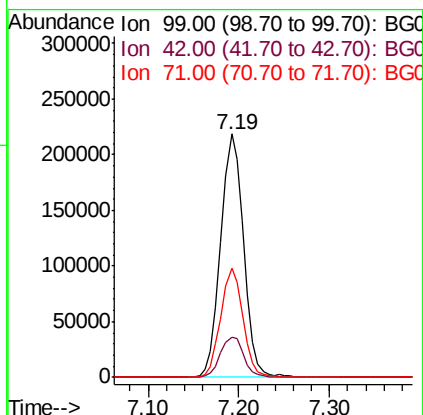
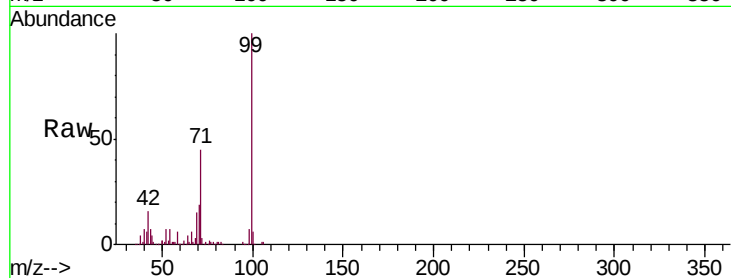
Tgt Ion: 99 Resp: 384518

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

71 44.8 26.1 39.1#



#8

2-Chlorophenol

Concen: 46.760 ng

RT: 7.59 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

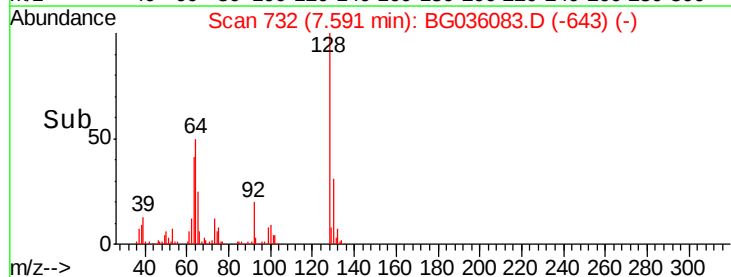
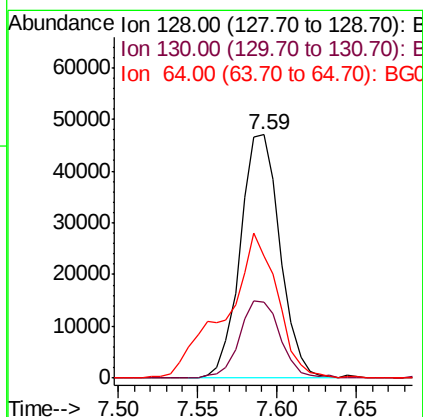
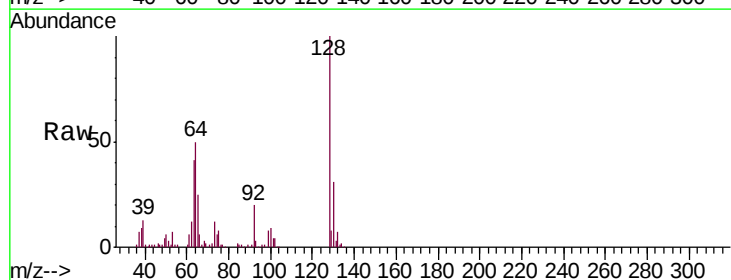
Tgt Ion: 128 Resp: 81827

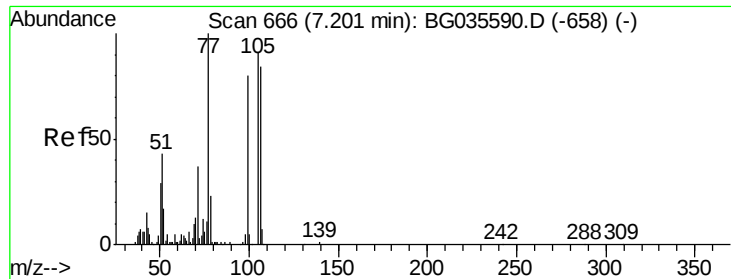
Ion Ratio Lower Upper

128 100

130 31.3 14.0 54.0

64 50.3 37.7 77.7





#9

Benzaldehyde

Concen: 31.978 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

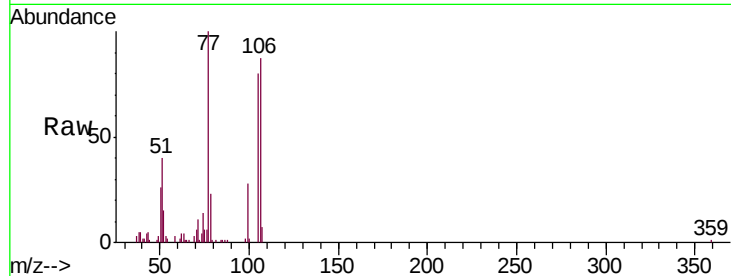
Tgt Ion: 77 Resp: 50370

Ion Ratio Lower Upper

77 100

105 80.3 71.3 111.3

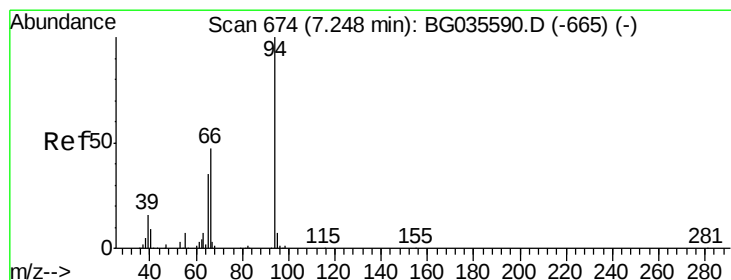
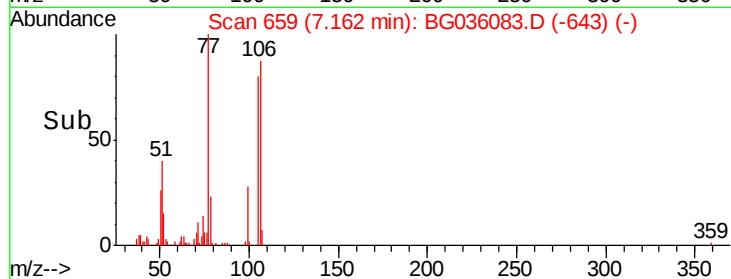
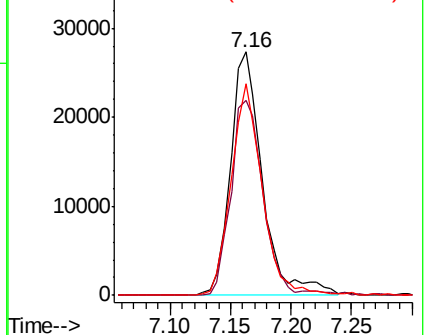
106 86.7 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.299 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

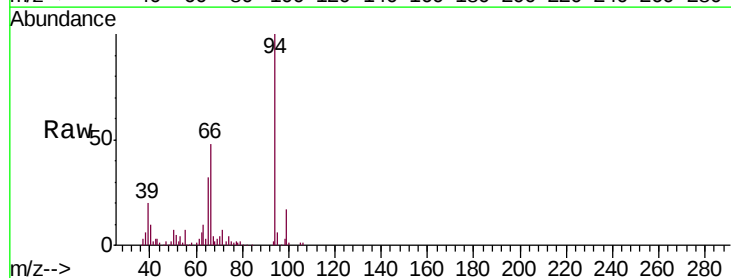
Tgt Ion: 94 Resp: 125267

Ion Ratio Lower Upper

94 100

65 31.7 11.9 51.9

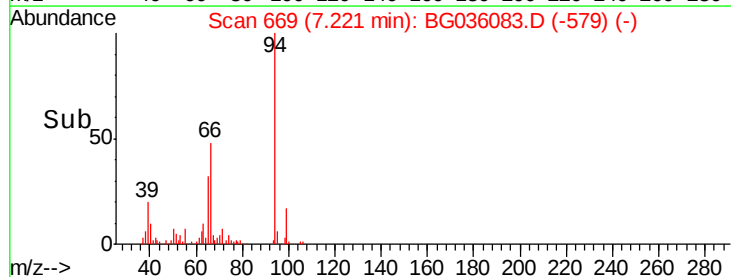
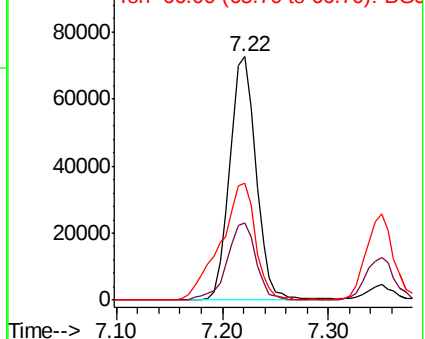
66 48.1 22.2 62.2

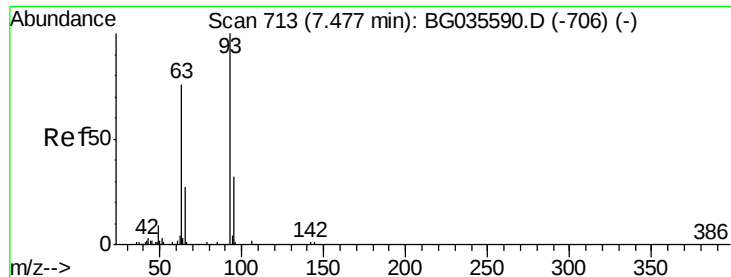


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

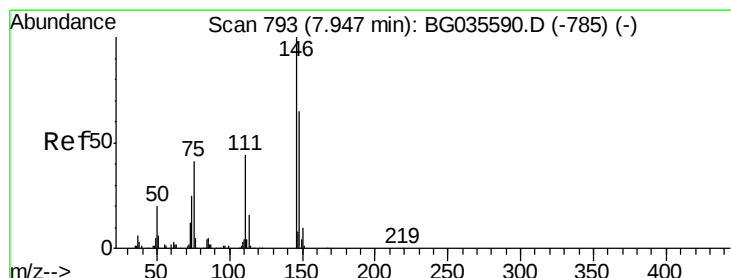
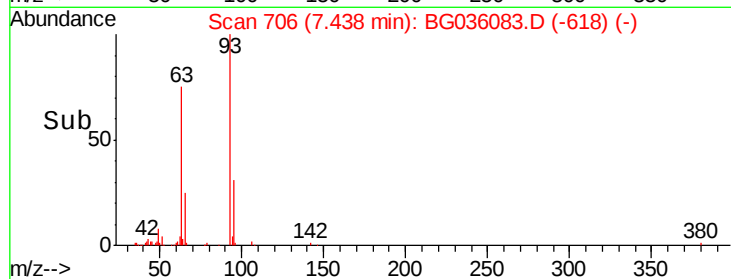
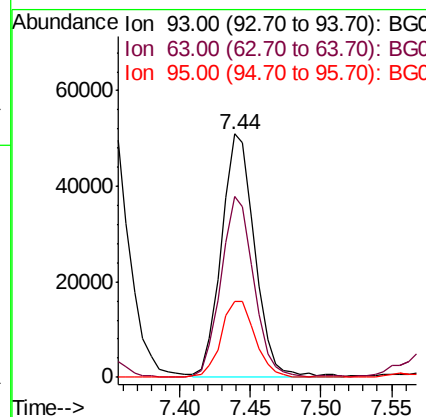
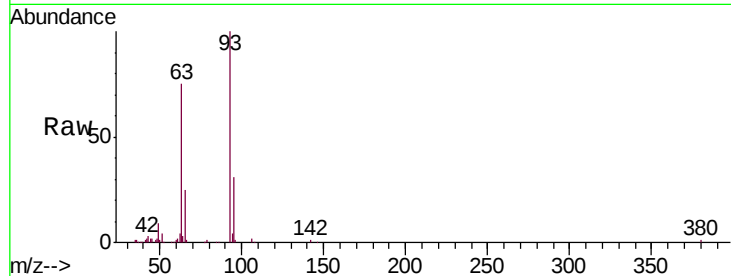




#11
 bis(2-Chloroethyl)ether
 Concen: 41.169 ng
 RT: 7.44 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

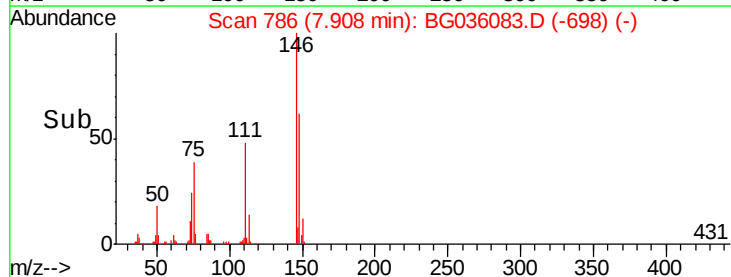
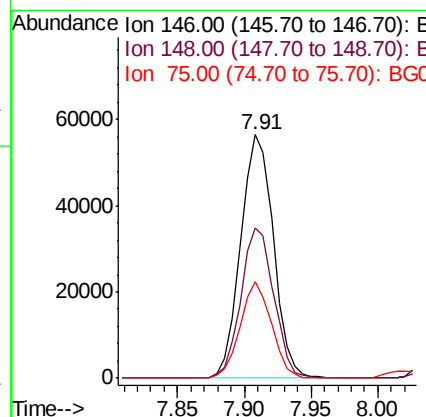
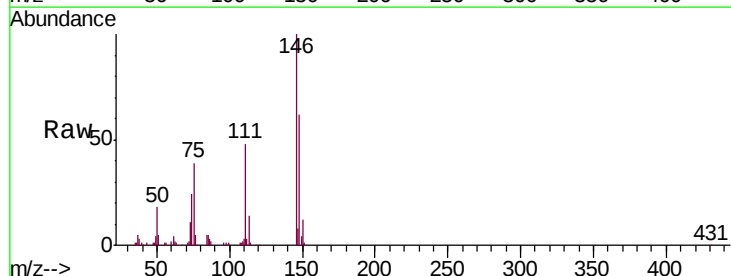
Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

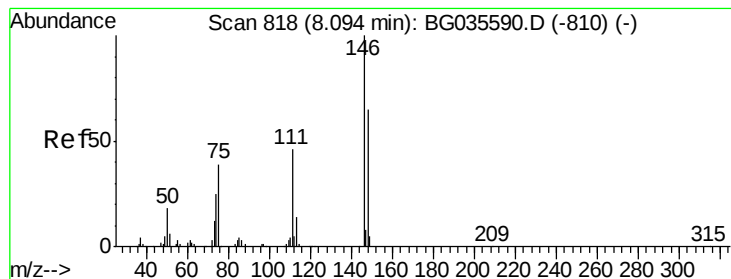
Tgt Ion: 93 Resp: 83620
 Ion Ratio Lower Upper
 93 100
 63 74.5 67.1 107.1
 95 31.2 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 45.188 ng
 RT: 7.91 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion: 146 Resp: 95492
 Ion Ratio Lower Upper
 146 100
 148 61.7 51.4 77.2
 75 39.4 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 44.177 ng

RT: 8.06 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

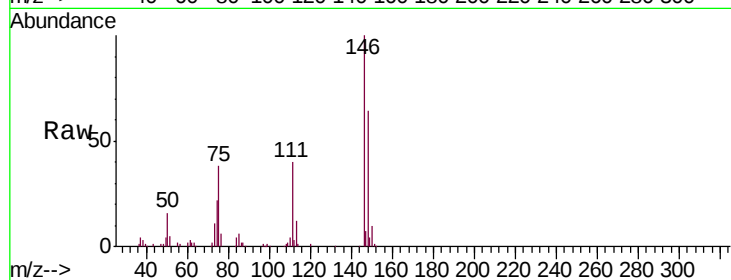
Tgt Ion:146 Resp: 94853

Ion Ratio Lower Upper

146 100

148 63.9 53.7 80.5

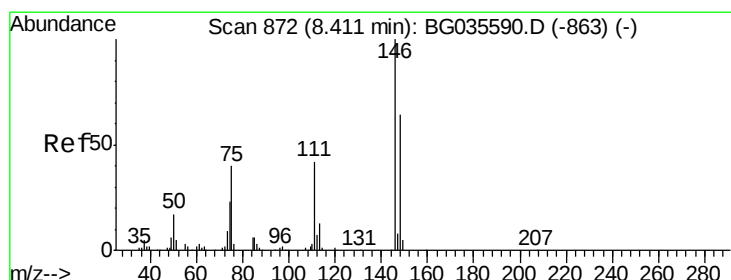
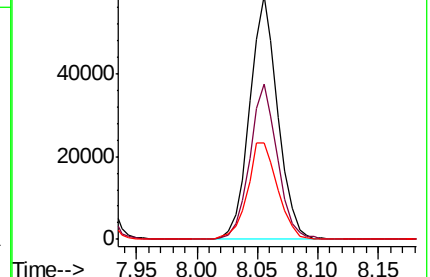
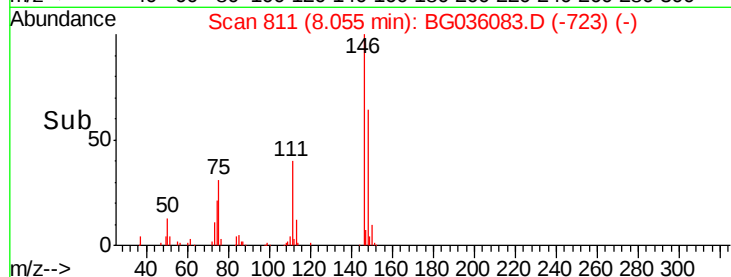
111 39.6 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.717 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

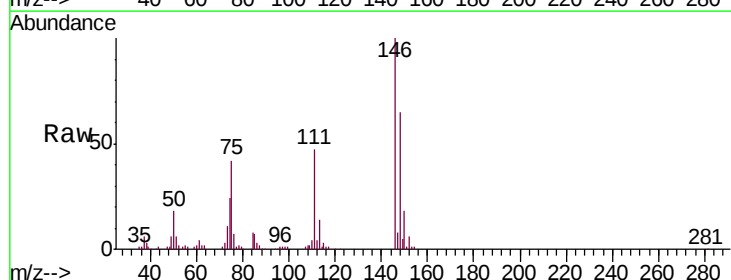
Tgt Ion:146 Resp: 90175

Ion Ratio Lower Upper

146 100

148 65.1 49.3 73.9

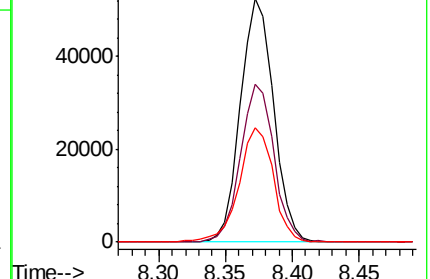
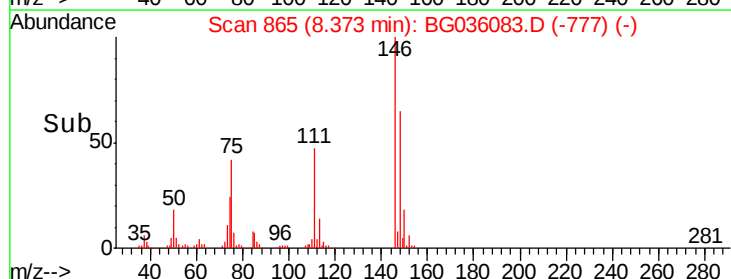
111 47.2 34.3 51.5

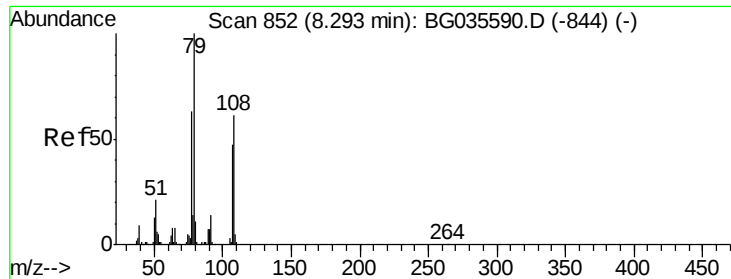


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.280 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

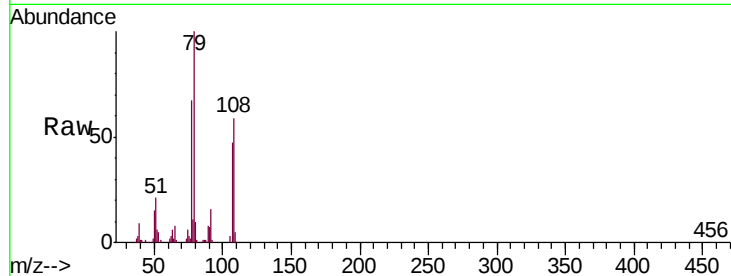
Tgt Ion: 79 Resp: 98562

Ion Ratio Lower Upper

79 100

108 59.2 57.2 85.8

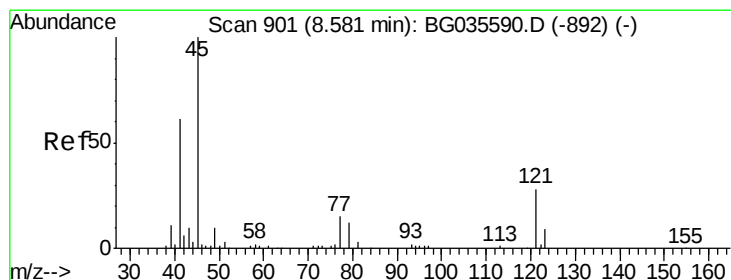
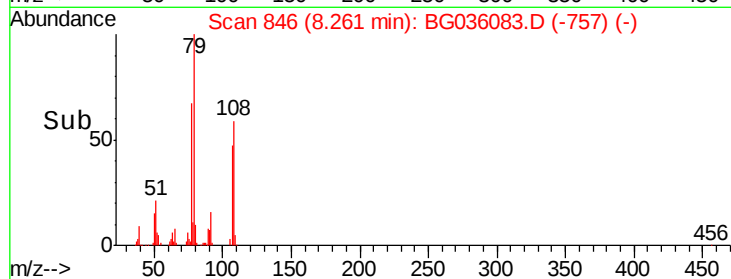
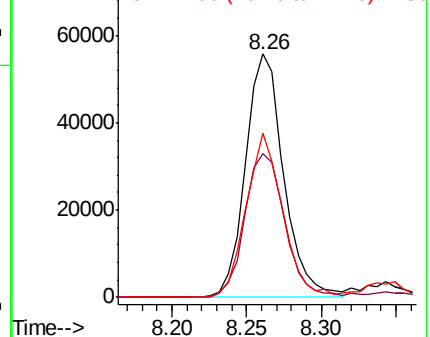
77 67.2 46.1 69.1



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: 55.302 ng

RT: 8.54 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

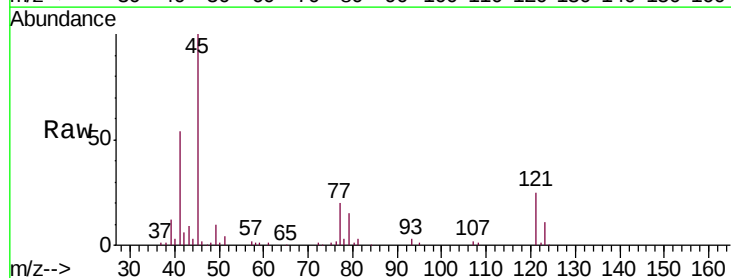
Tgt Ion: 45 Resp: 94171

Ion Ratio Lower Upper

45 100

77 20.1 0.0 30.2

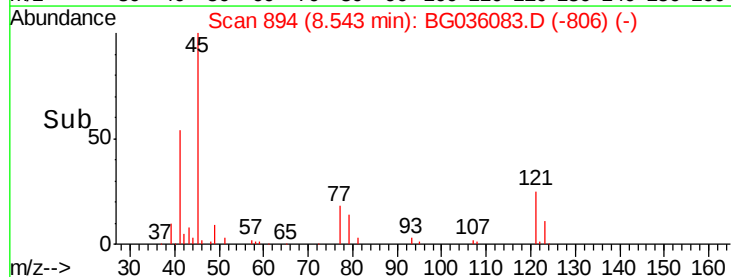
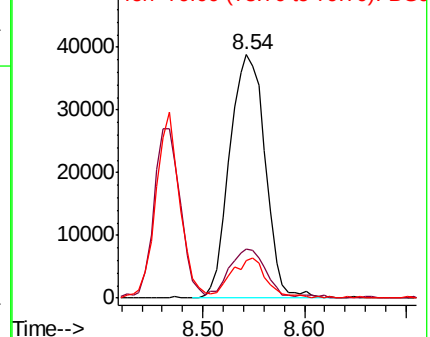
79 15.2 0.0 27.9

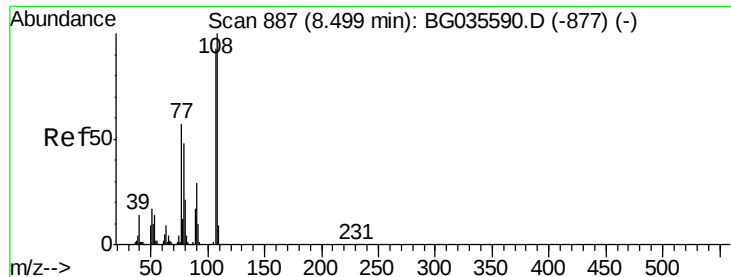


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

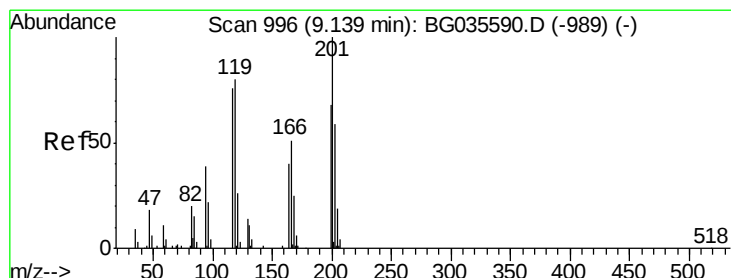
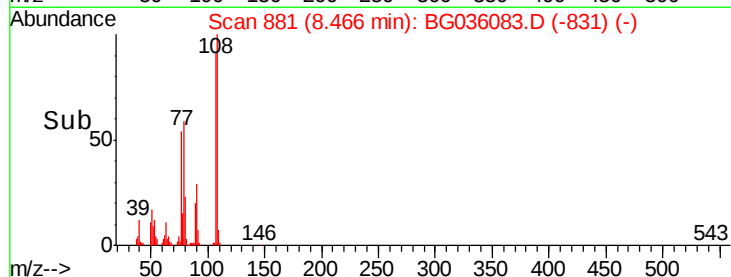
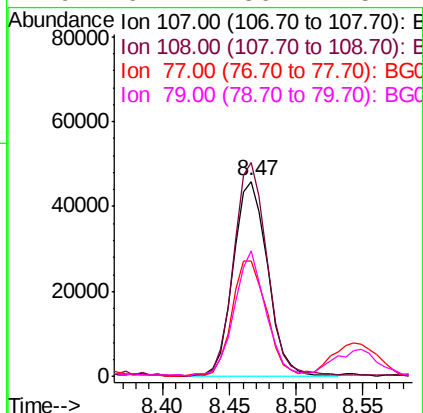
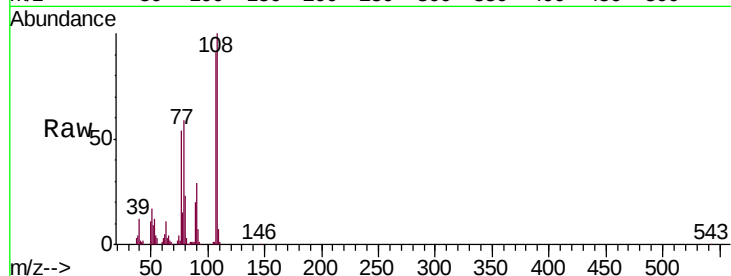




#17
2-Methylphenol
Concen: 46.528 ng
RT: 8.47 min Scan# 881
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

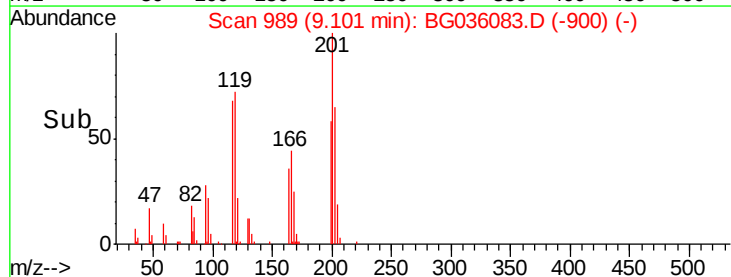
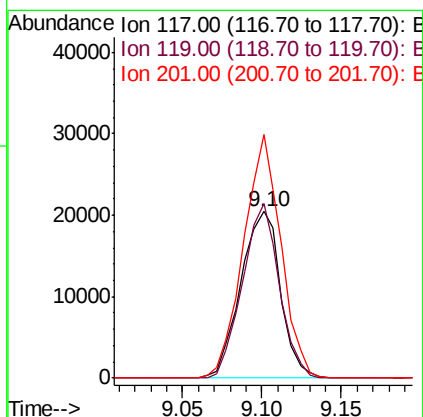
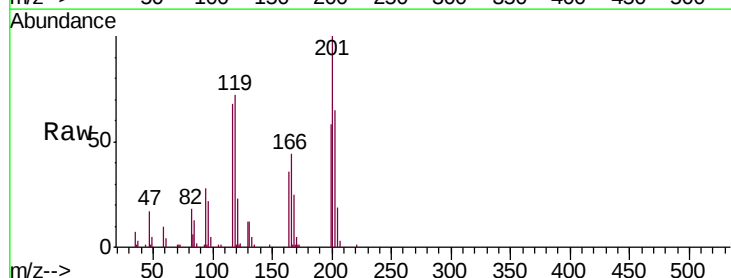
Instrument :
BNA_G
ClientSampleId :
PB111703BS

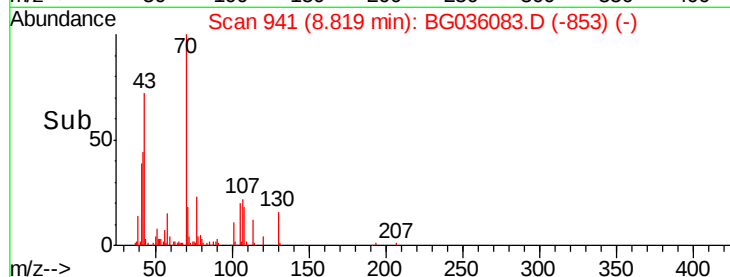
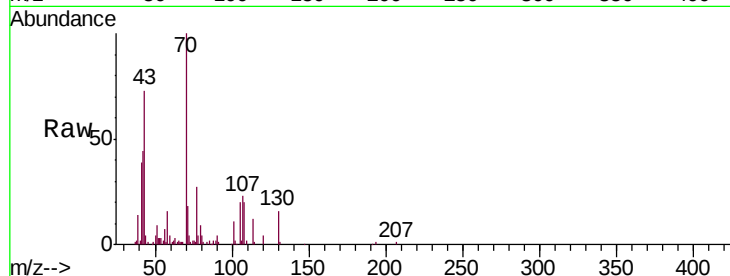
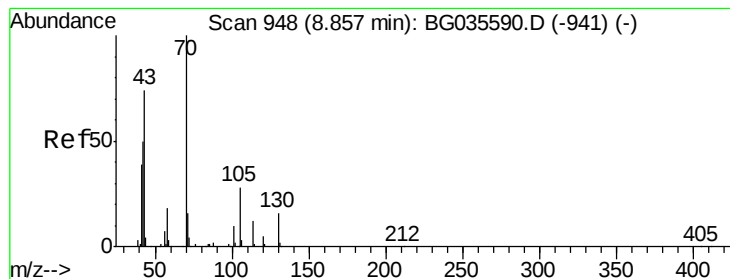
Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.5	83.9	125.9
77	58.8	37.2	55.8#
79	64.4	36.2	54.2#



#18
Hexachloroethane
Concen: 43.335 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.7	76.7	115.1
201	146.2	95.7	143.5#





#19

n-Nitroso-di-n-propylamine

Concen: 36.431 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

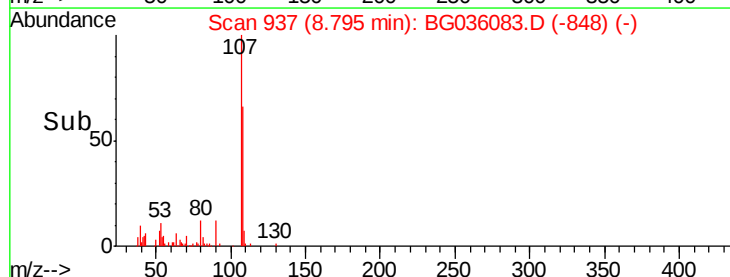
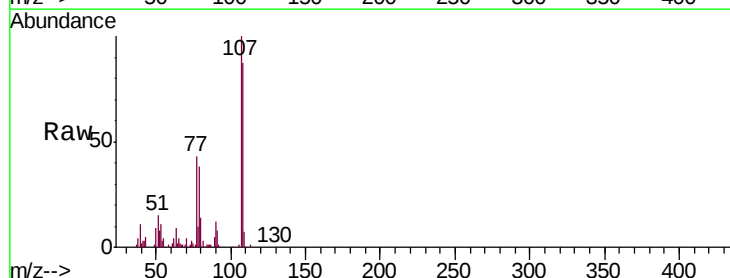
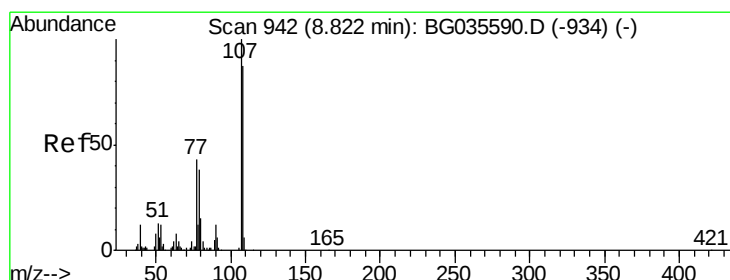
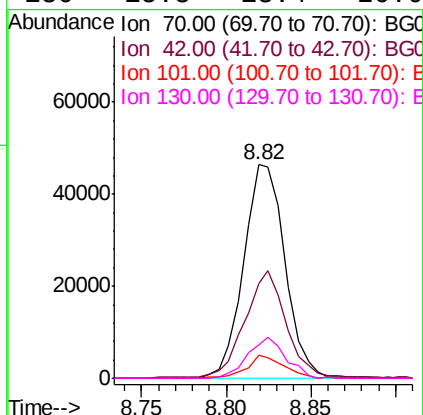
ClientSampleId :

PB111703BS

Tgt Ion: 70 Resp: 78755

Ion Ratio Lower Upper

70	100		
42	44.3	49.1	73.7#
101	10.6	8.5	12.7
130	15.8	13.4	20.0



#20

3+4-Methylphenols

Concen: 46.739 ng

RT: 8.80 min Scan# 937

Delta R.T. -0.00 min

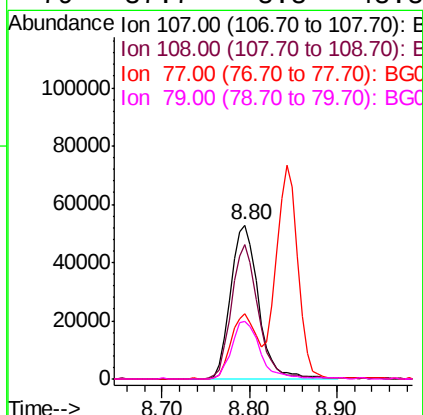
Lab File: BG036083.D

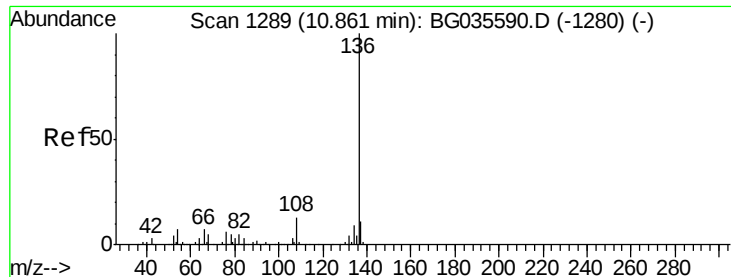
Acq: 3 Aug 2018 7:11

Tgt Ion: 107 Resp: 114336

Ion Ratio Lower Upper

107	100		
108	87.2	61.6	101.6
77	42.6	13.9	53.9
79	37.7	8.8	48.8

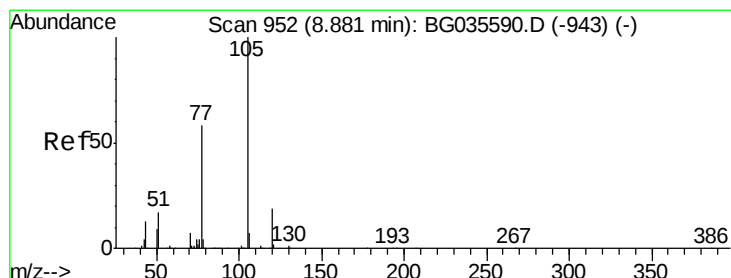
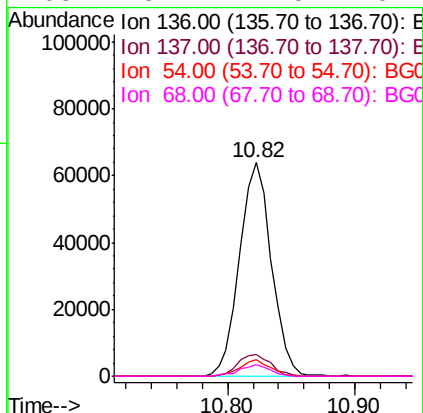
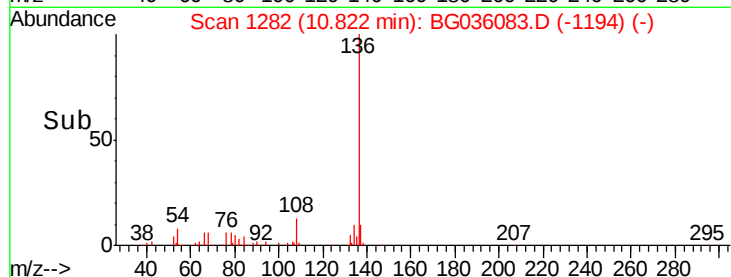
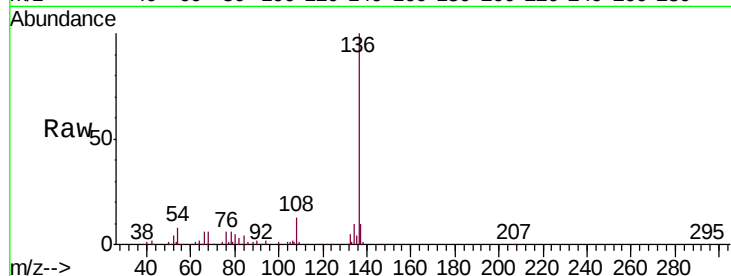




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

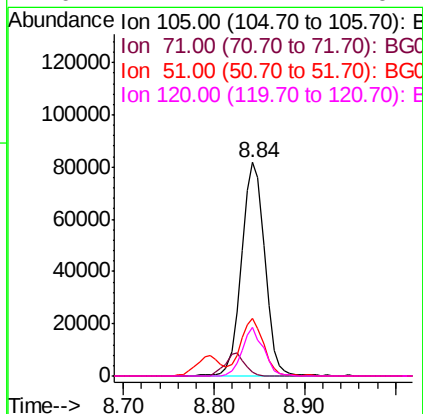
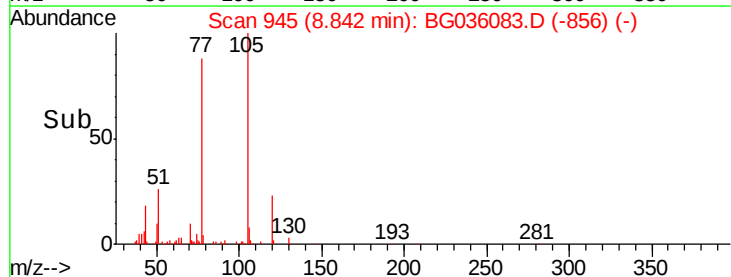
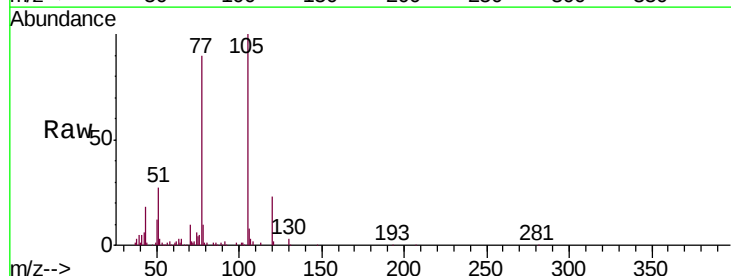
Instrument :
BNA_G
ClientSampleId :
PB111703BS

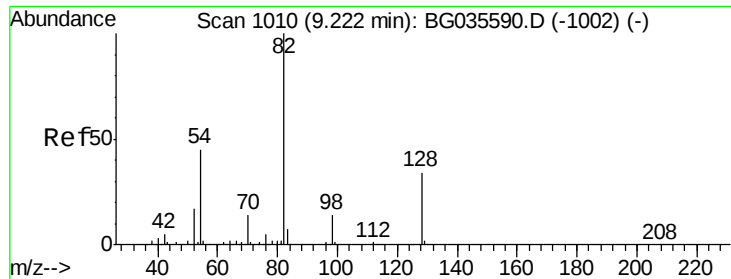
Tgt Ion:	136	Resp:	111247
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	7.7	10.3	15.5#
68	5.7	4.5	6.7



#22
Acetophenone
Concen: 42.254 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion:	105	Resp:	146176
Ion	Ratio	Lower	Upper
105	100		
71	1.6	3.0	4.4#
51	27.0	26.1	39.1
120	22.7	17.4	26.2

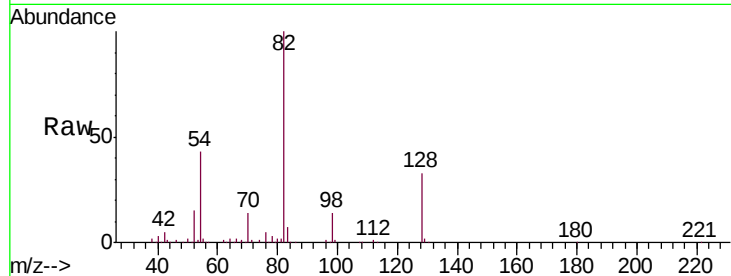




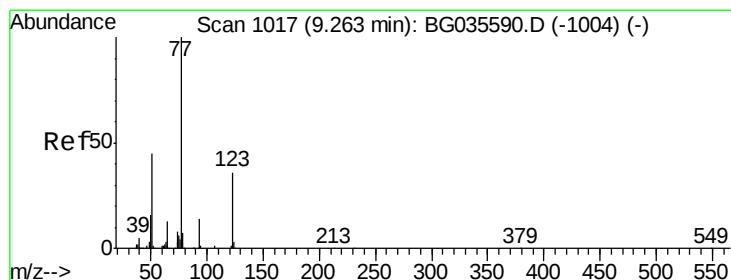
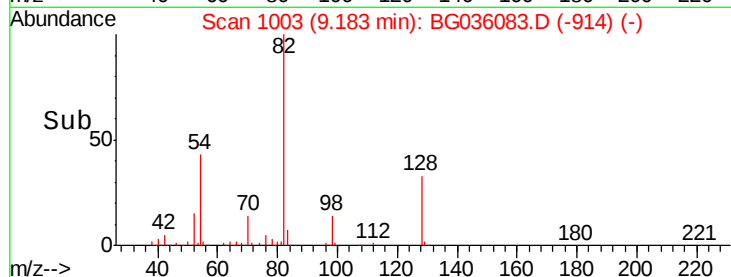
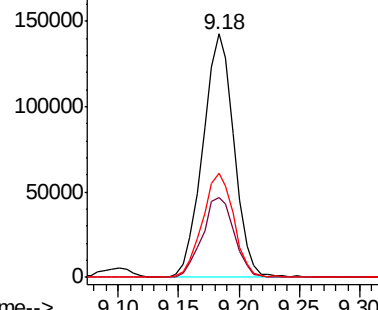
#23
 Nitrobenzene-d5
 Concen: 96.311 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tgt Ion: 82 Resp: 256479
 Ion Ratio Lower Upper
 82 100
 128 33.0 29.7 44.5
 54 42.8 43.1 64.7#

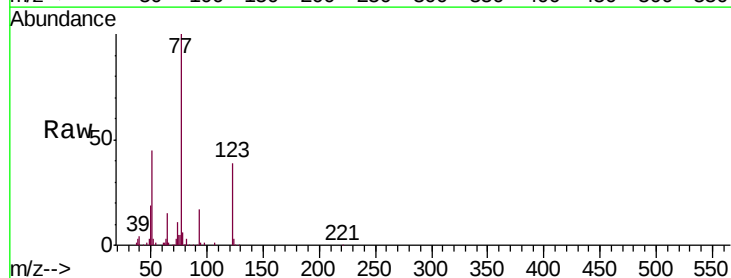


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

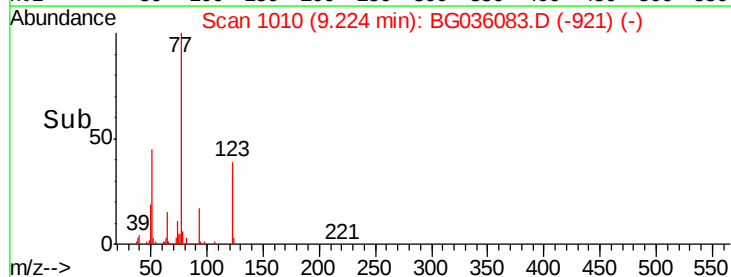
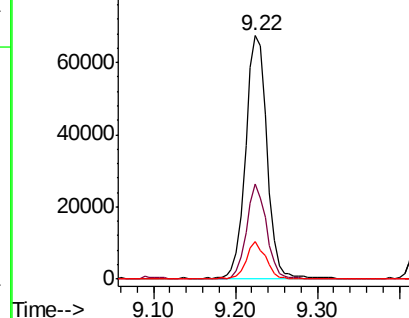


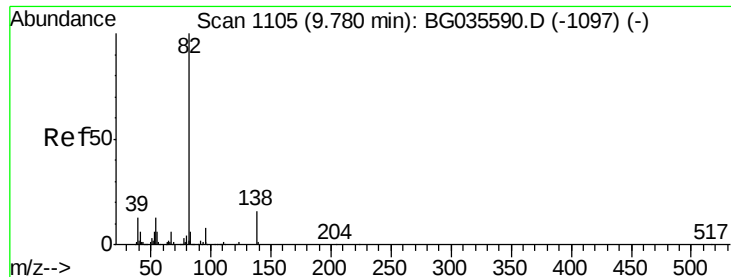
#24
 Nitrobenzene
 Concen: 46.064 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion: 77 Resp: 123368
 Ion Ratio Lower Upper
 77 100
 123 39.1 33.0 49.6
 65 15.2 13.0 19.6



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





#25

Isophorone

Concen: 46.821 ng

RT: 9.75 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

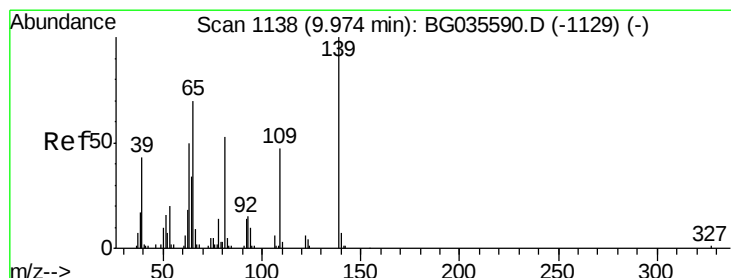
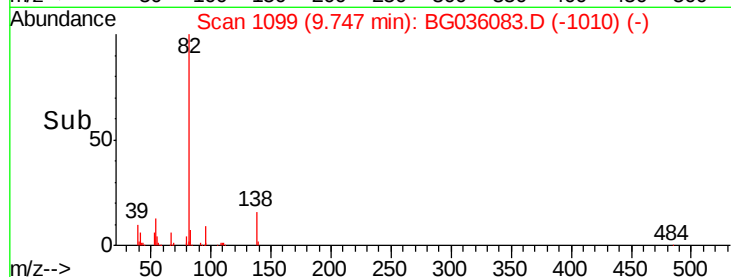
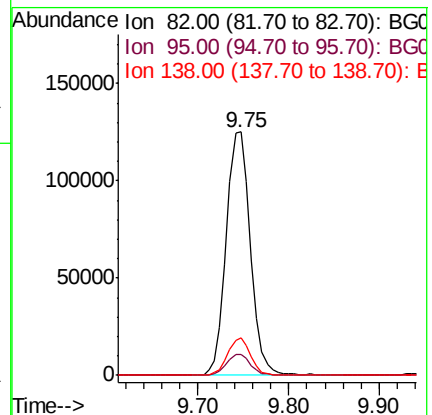
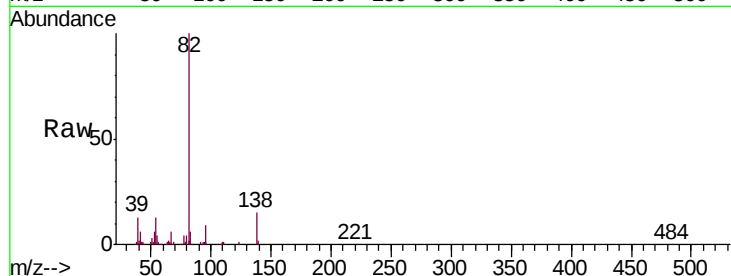
Tgt Ion: 82 Resp: 231460

Ion Ratio Lower Upper

82 100

95 8.6 6.2 9.2

138 15.5 12.1 18.1



#26

2-Nitrophenol

Concen: 52.688 ng

RT: 9.94 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

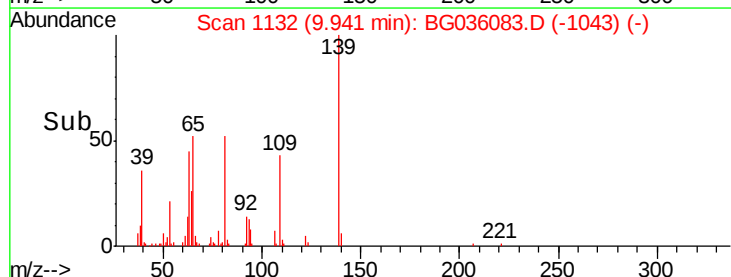
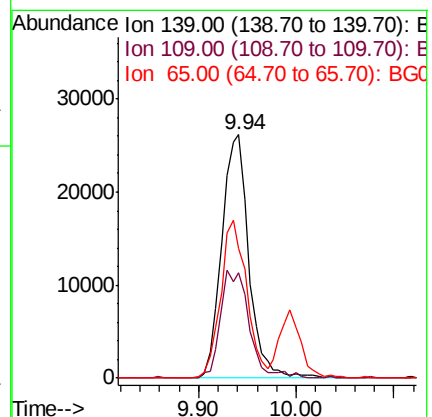
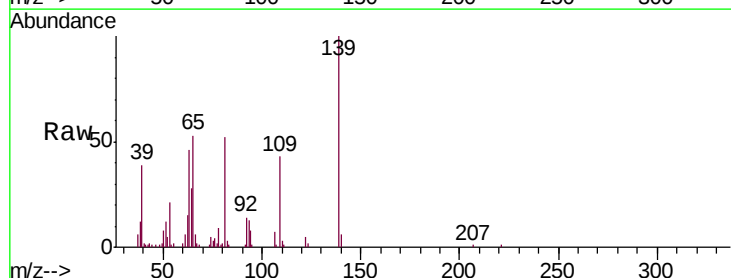
Tgt Ion: 139 Resp: 50115

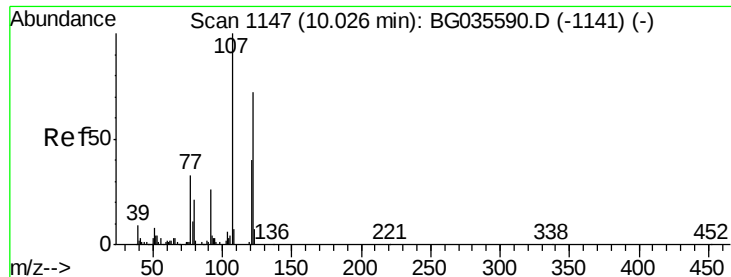
Ion Ratio Lower Upper

139 100

109 43.3 24.2 36.2#

65 53.4 47.4 71.0

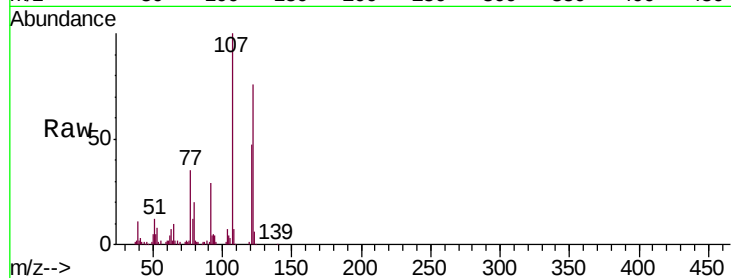




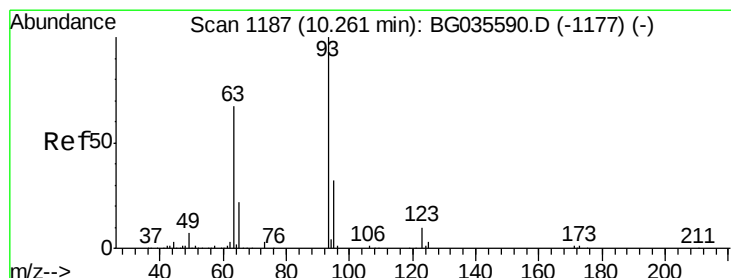
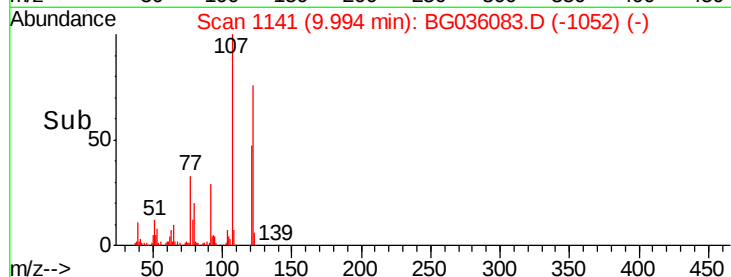
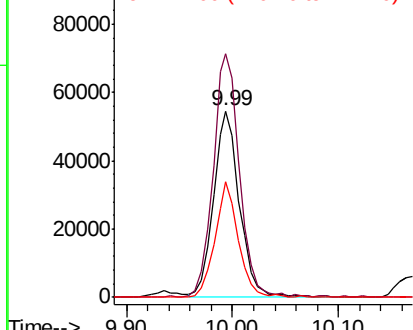
#27
 2,4-Dimethylphenol
 Concen: 57.793 ng
 RT: 9.99 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	130.8	100.2	150.2
121	62.0	44.4	66.6

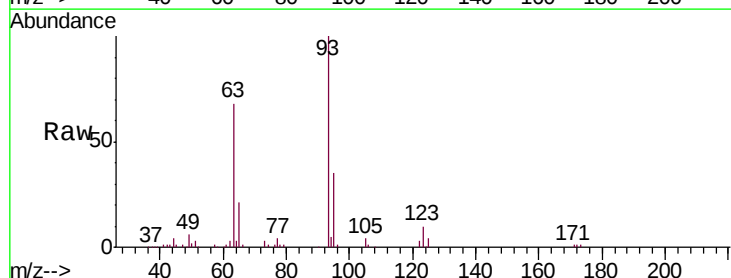


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

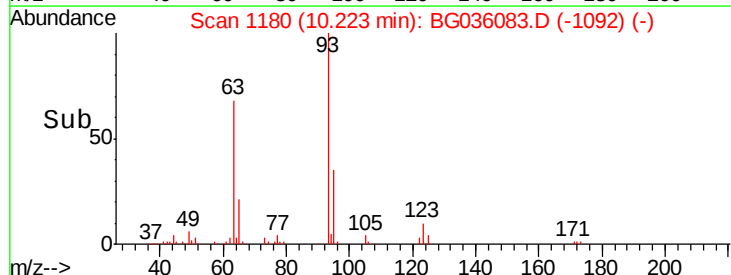
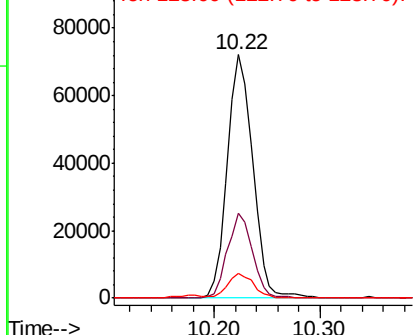


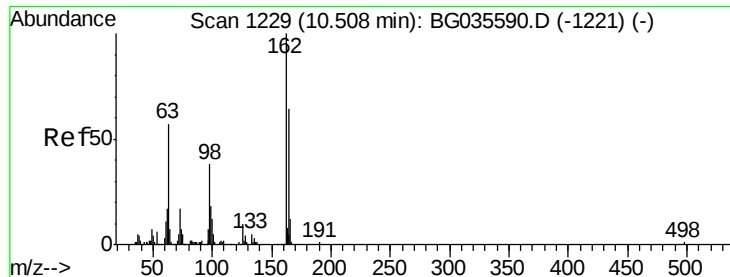
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.266 ng
 RT: 10.22 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.0	24.3	36.5
123	9.9	8.4	12.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

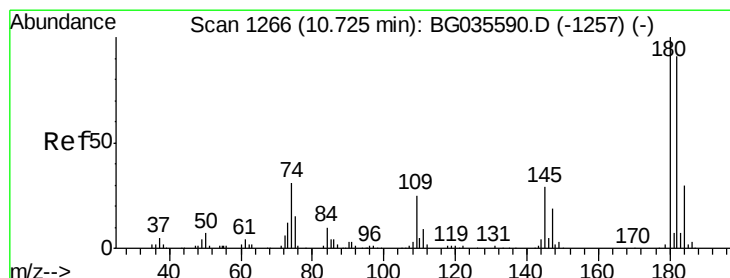
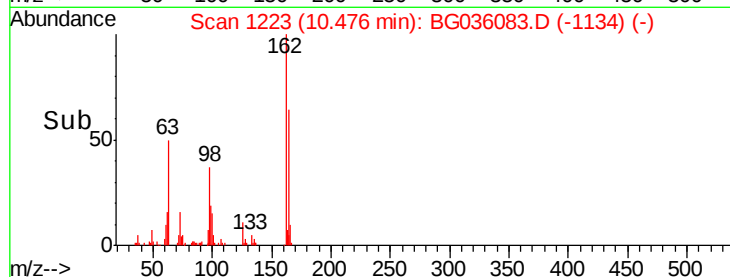
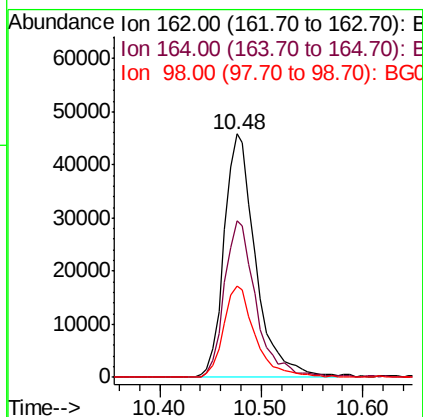
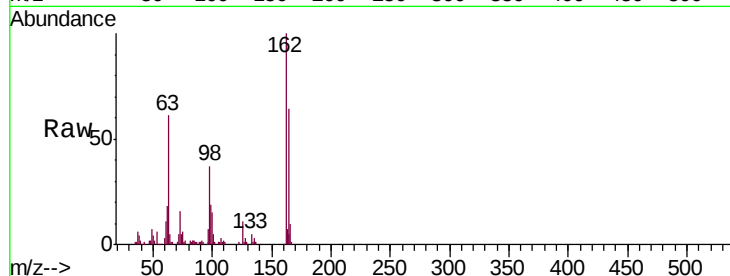




#29
 2,4-Dichlorophenol
 Concen: 53.700 ng
 RT: 10.48 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

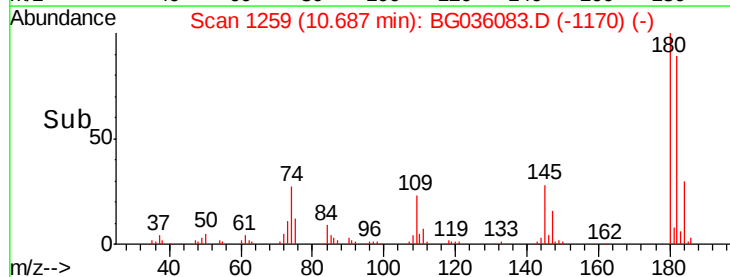
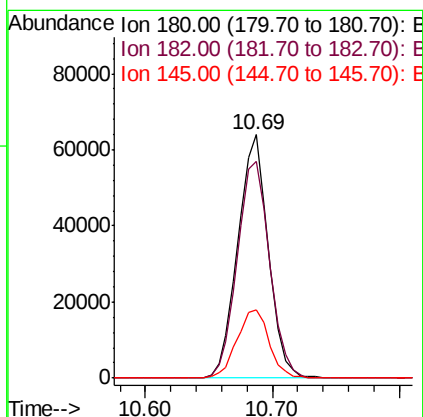
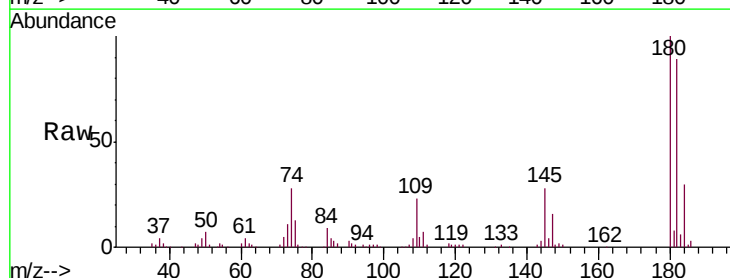
Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

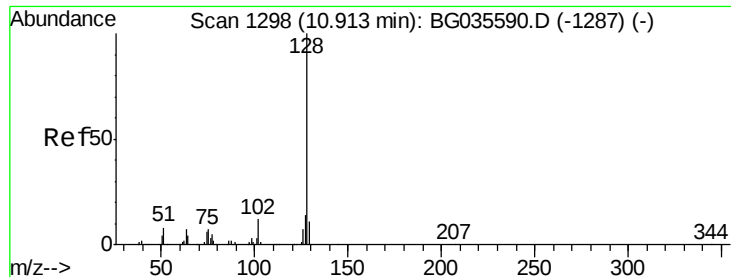
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	48.0	88.0
98	37.3	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.205 ng
 RT: 10.69 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.2	77.5	116.3
145	28.1	23.4	35.2

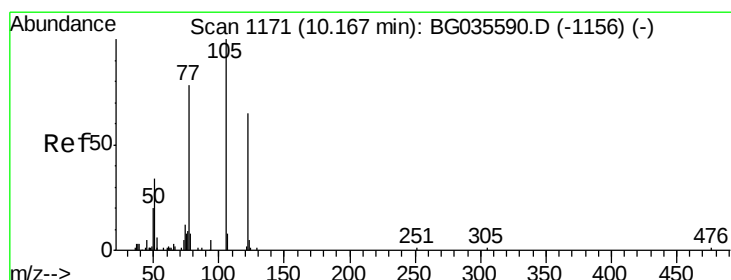
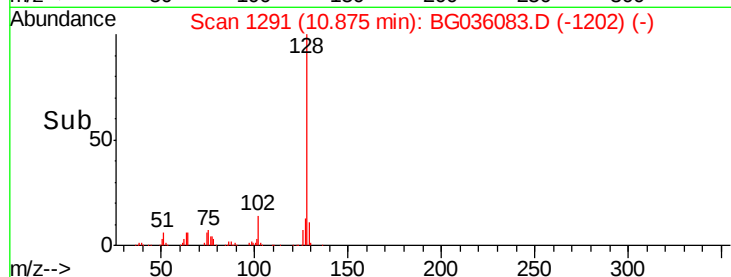
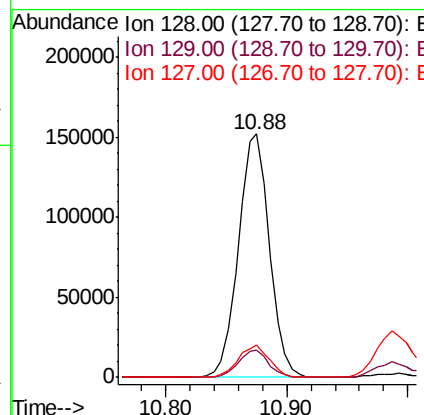
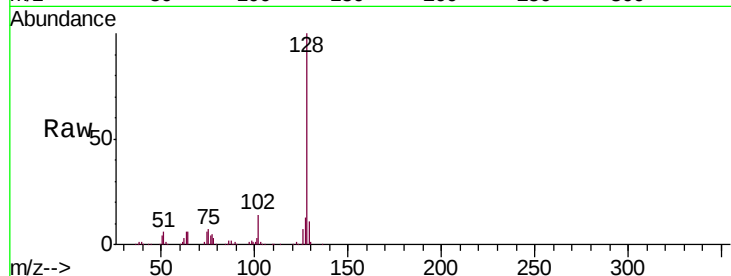




#31
Naphthalene
Concen: 46.801 ng
RT: 10.88 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

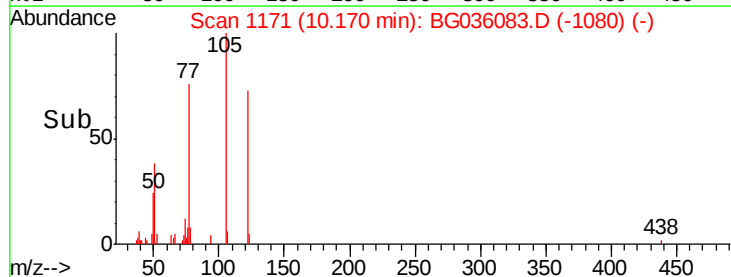
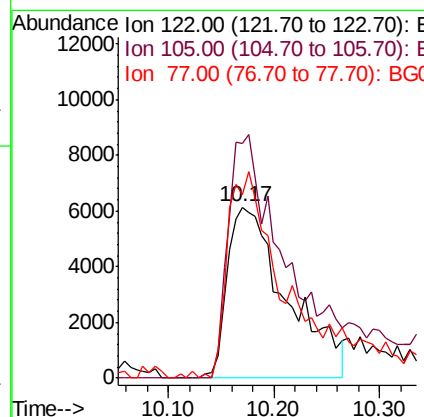
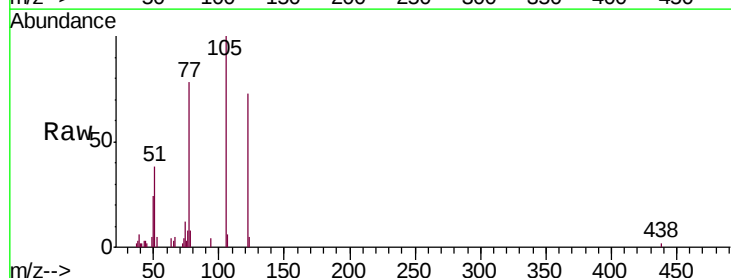
Instrument :
BNA_G
ClientSampleId :
PB111703BS

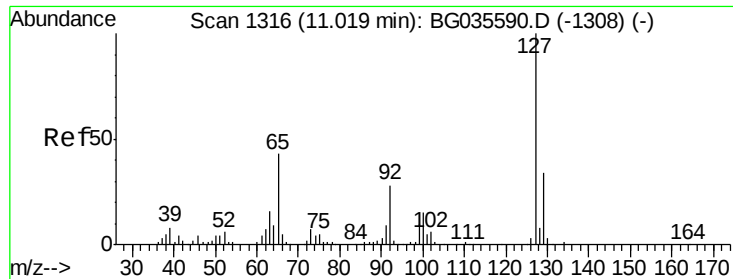
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.2	11.6	17.4



#32
Benzoic acid
Concen: 22.137 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.2	123.5	163.5
77	107.4	85.7	125.7

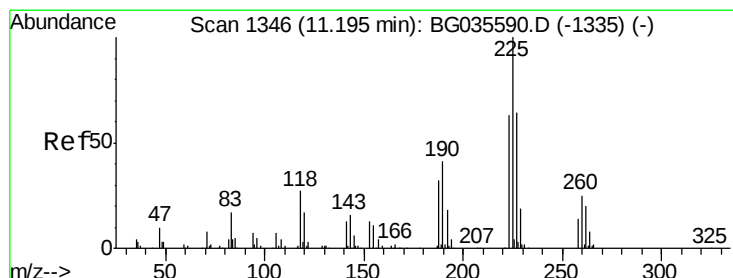
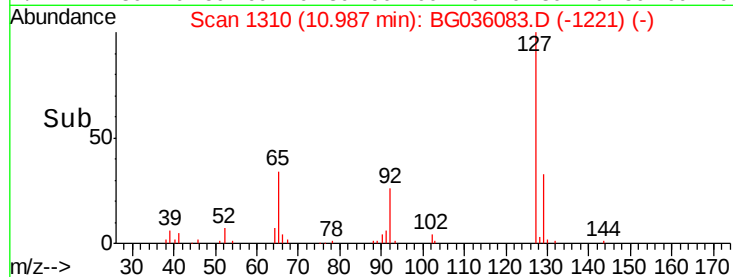
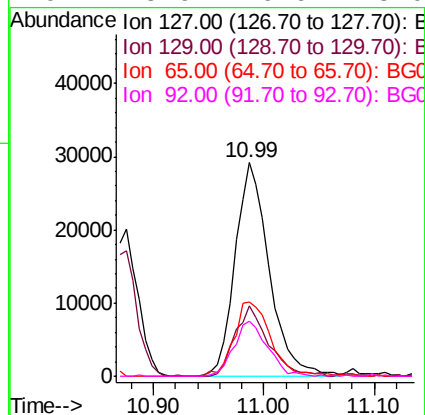
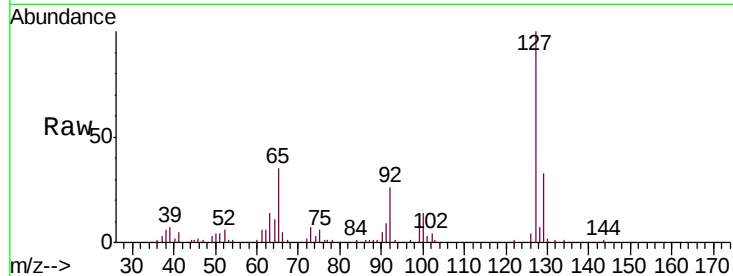




#33
4-Chloroaniline
Concen: 25.110 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

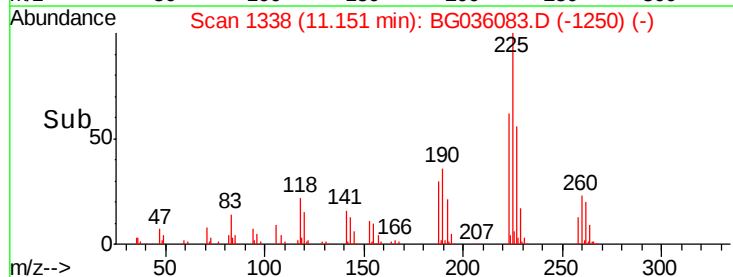
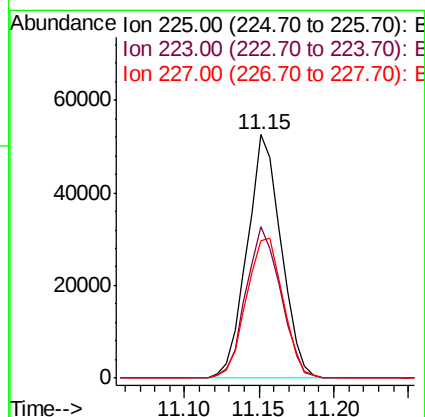
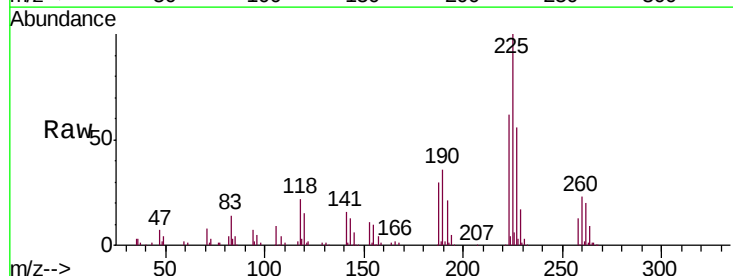
Instrument :
BNA_G
ClientSampleId :
PB111703BS

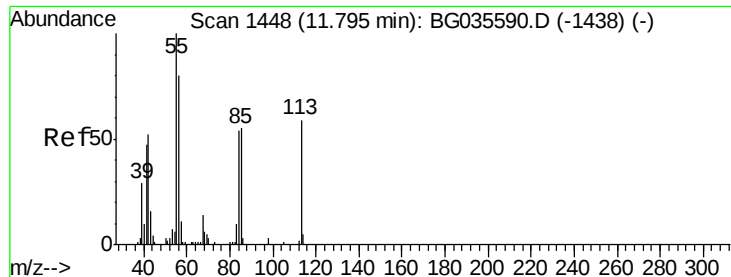
Tgt Ion:	127	Resp:	63420
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.0	36.0
65	35.1	27.0	40.4
92	25.6	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 47.052 ng
RT: 11.15 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion:	225	Resp:	82687
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	56.2	48.1	72.1





#35

Caprolactam

Concen: 26.593 ng

RT: 11.77 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

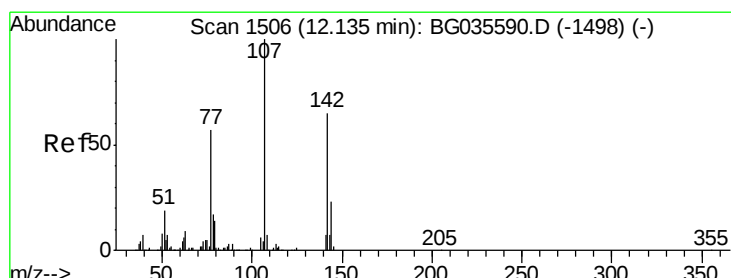
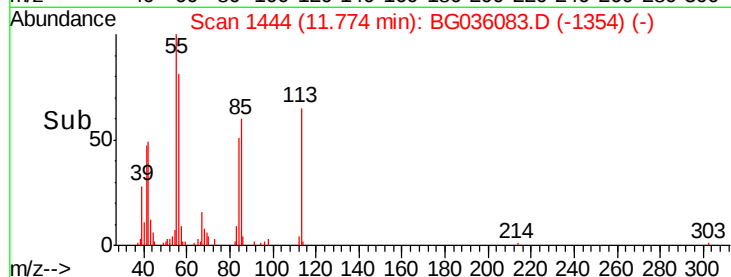
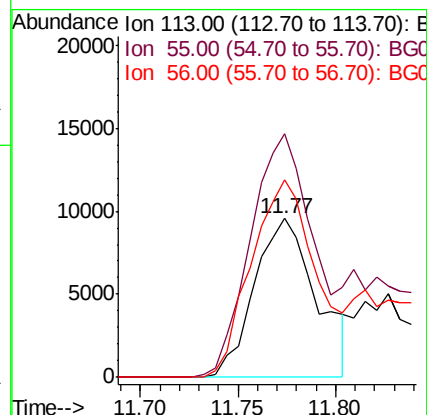
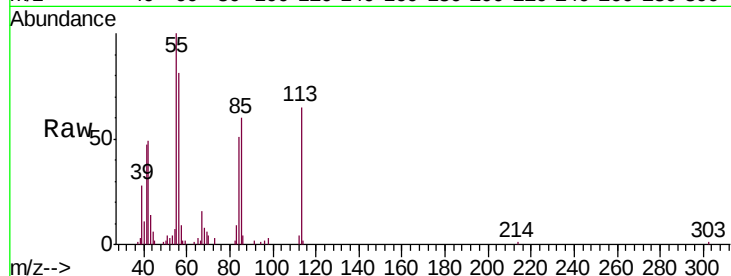
Tgt Ion:113 Resp: 20974

Ion Ratio Lower Upper

113 100

55 153.1 186.9 226.9#

56 124.4 130.9 170.9#



#36

4-Chloro-3-methylphenol

Concen: 52.502 ng

RT: 12.11 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

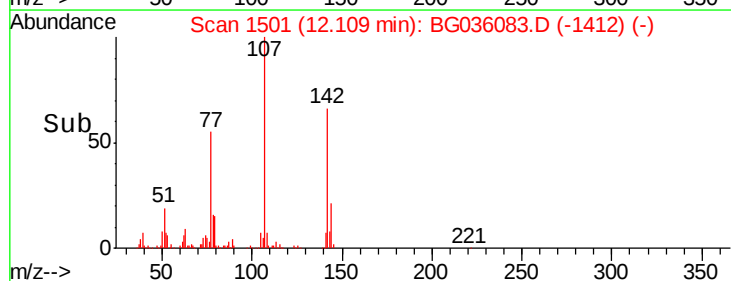
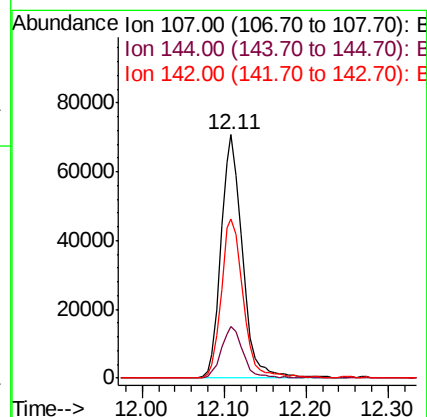
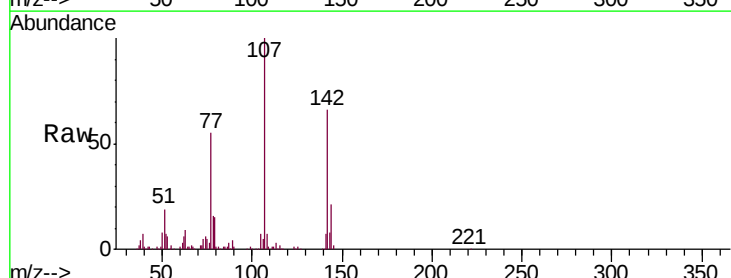
Tgt Ion:107 Resp: 129339

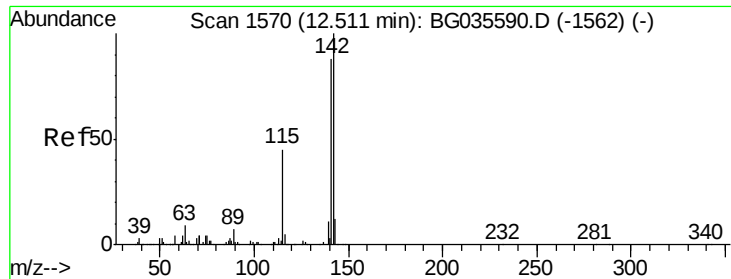
Ion Ratio Lower Upper

107 100

144 21.1 18.2 27.4

142 65.5 59.0 88.4

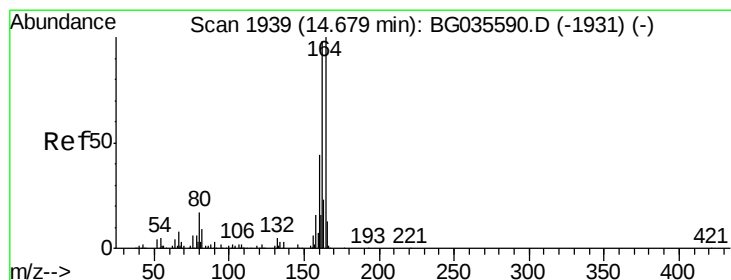
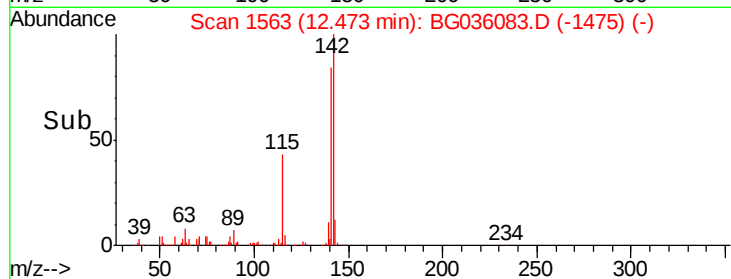
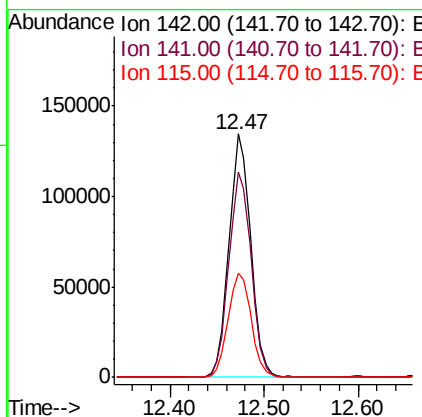
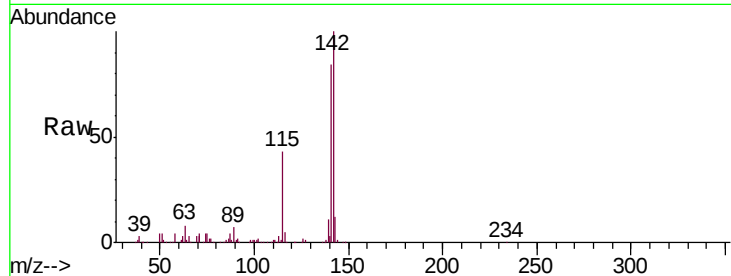




#37
 2-Methylnaphthalene
 Concen: 50.200 ng
 RT: 12.47 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

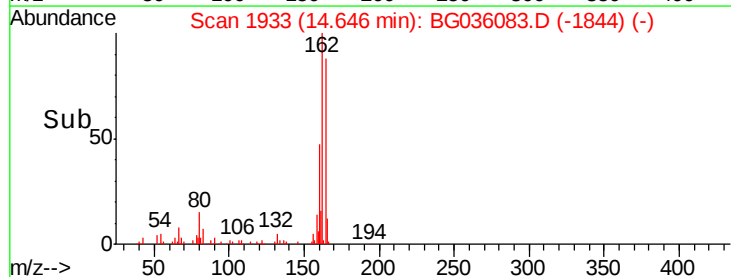
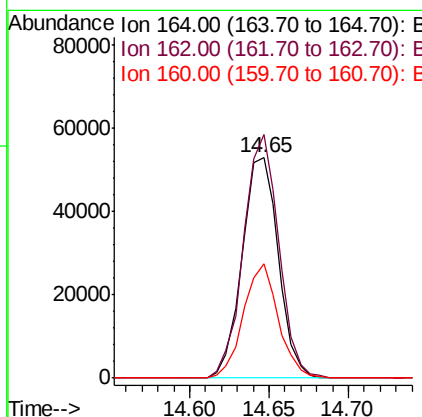
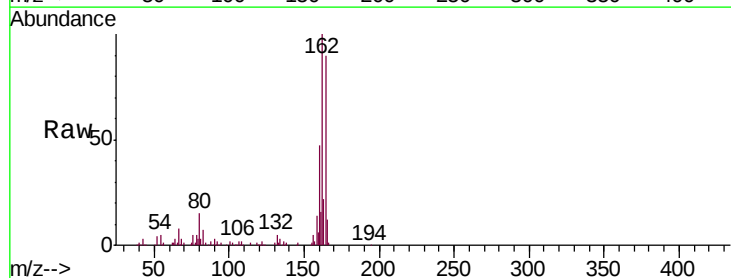
Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

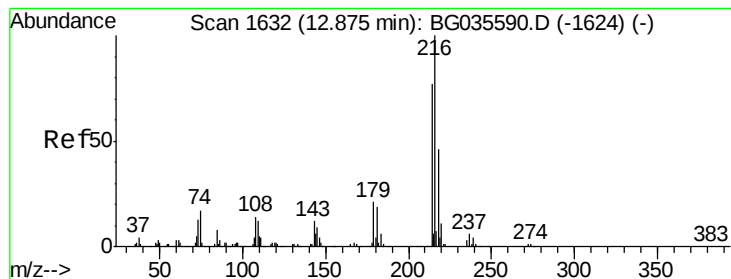
Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.4	67.1	100.7
115	42.9	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.7	78.8	118.2
160	51.9	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.954 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

Tgt Ion:216 Resp: 146200

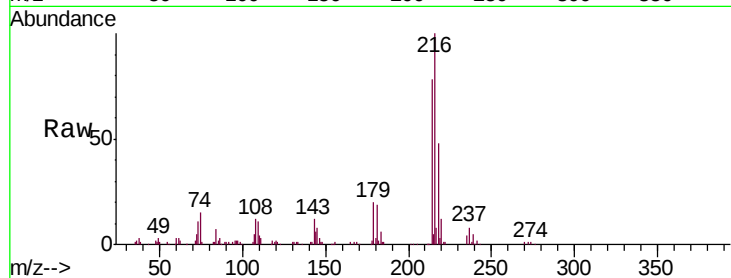
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 20.5 17.0 25.6

108 17.2 12.8 19.2



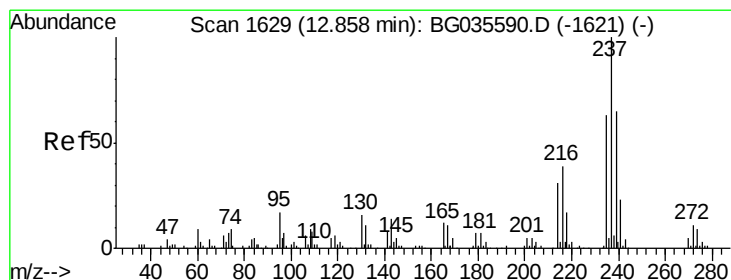
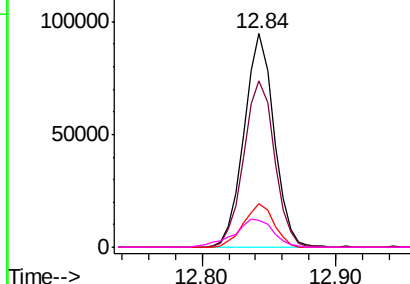
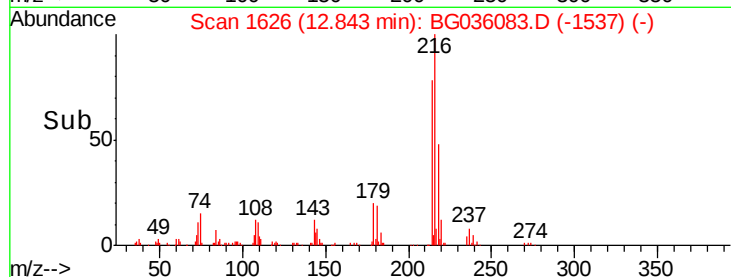
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 104.395 ng

RT: 12.82 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

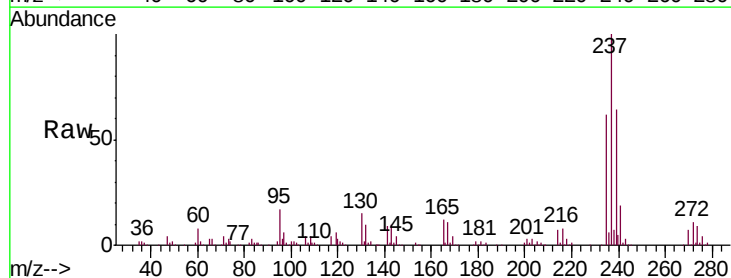
Tgt Ion:237 Resp: 174181

Ion Ratio Lower Upper

237 100

235 61.6 50.4 90.4

272 11.1 0.0 31.8

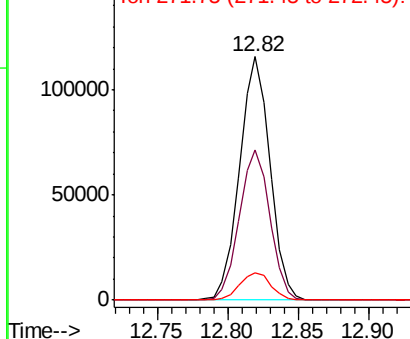
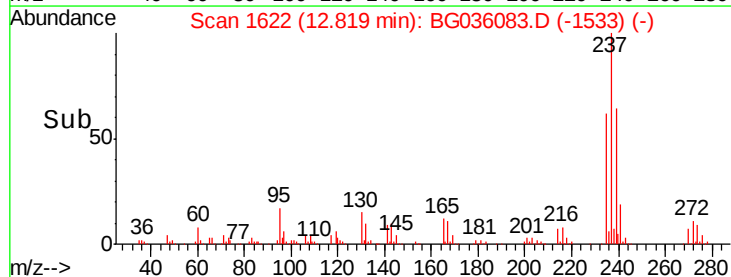


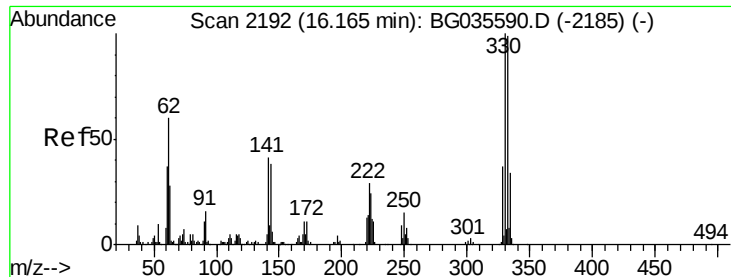
Abundance

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

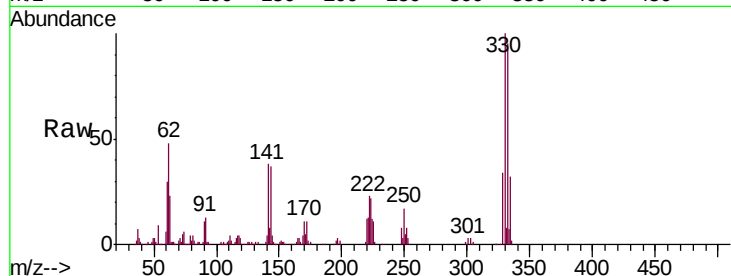




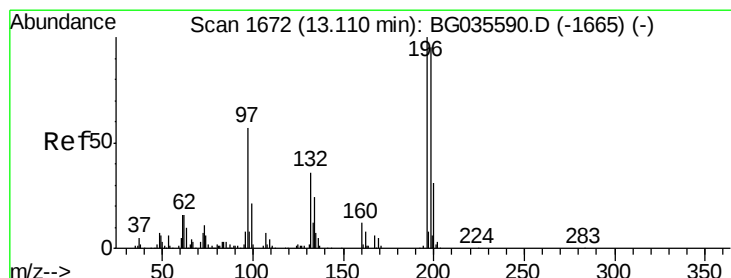
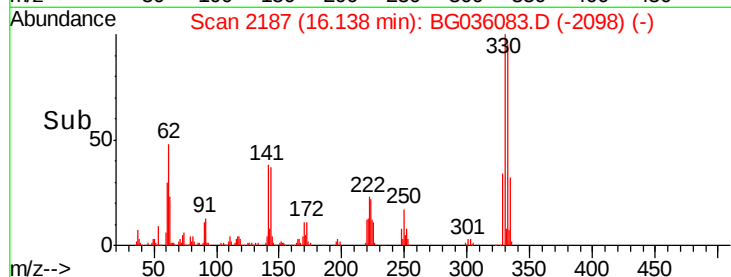
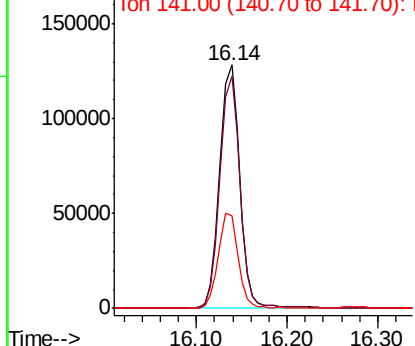
#41
 2,4,6-Tribromophenol
 Concen: 177.564 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tgt Ion:330 Resp: 197275
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 38.6 25.2 37.8#

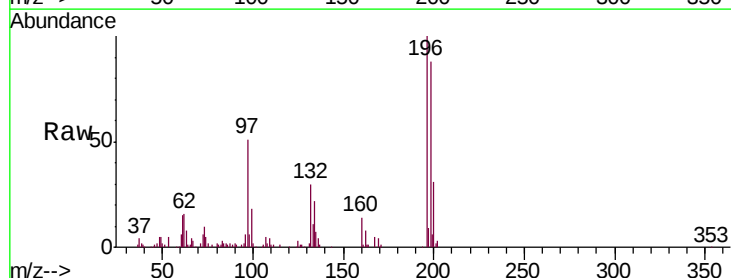


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

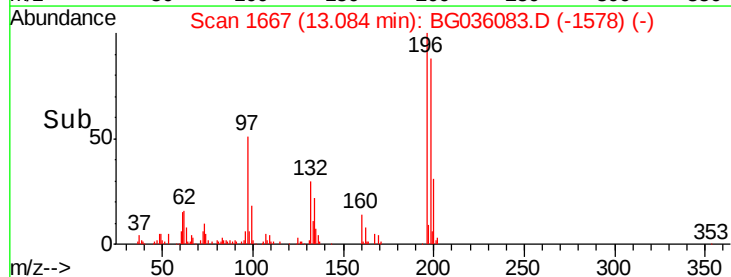
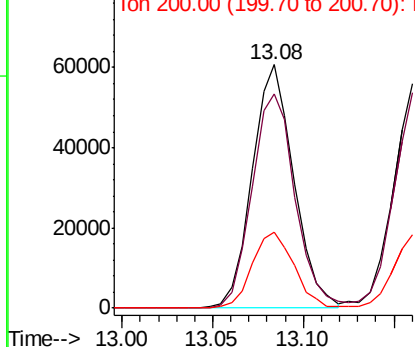


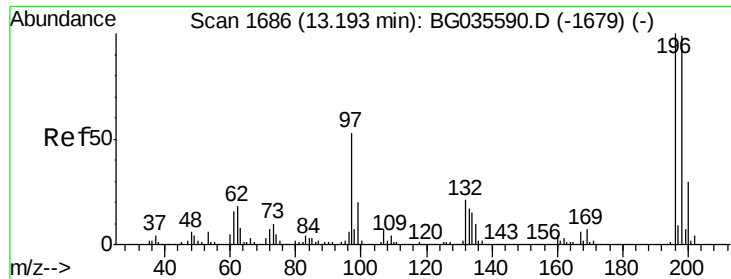
#42
 2,4,6-Trichlorophenol
 Concen: 52.260 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion:196 Resp: 97231
 Ion Ratio Lower Upper
 196 100
 198 88.1 78.2 117.2
 200 31.1 24.6 36.8



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

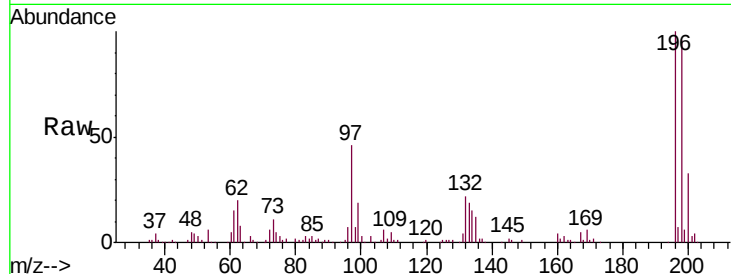




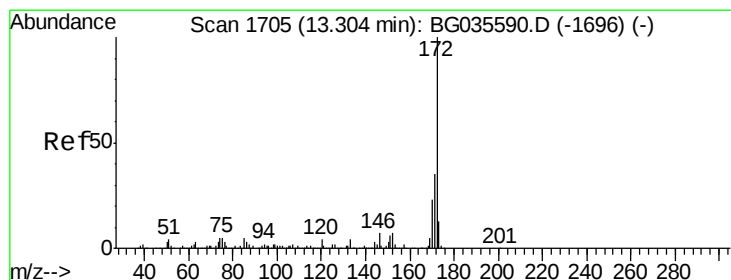
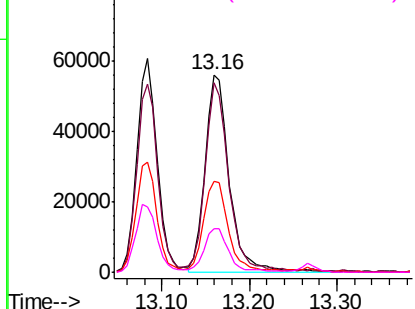
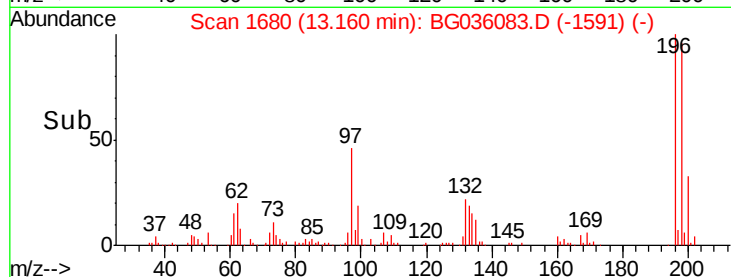
#43
 2,4,5-Trichlorophenol
 Concen: 52.189 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tgt Ion:	196	Resp:	108623
Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.4
97	45.9	38.7	58.1
132	22.4	20.2	30.2

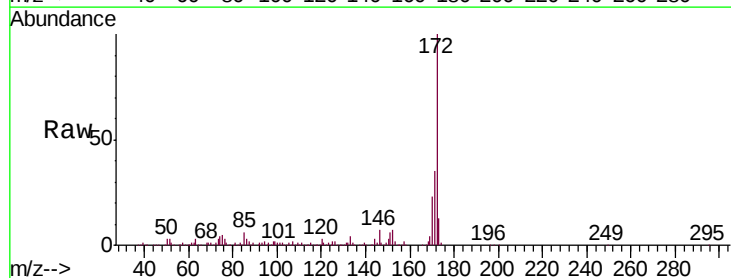


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

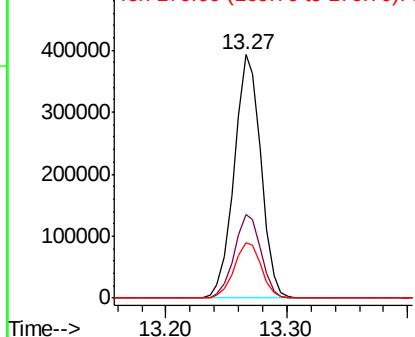
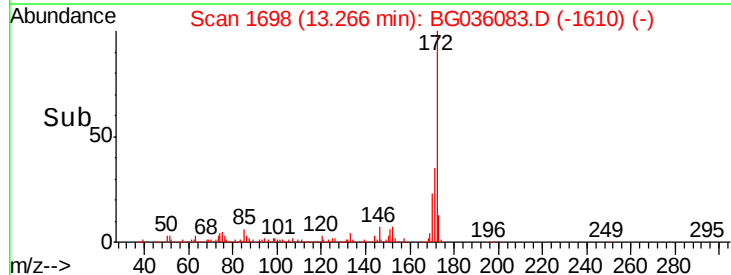


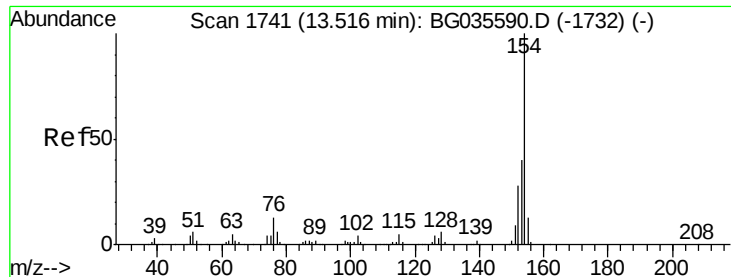
#44
 2-Fluorobiphenyl
 Concen: 95.900 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion:	172	Resp:	603362
Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	22.9	19.5	29.3



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

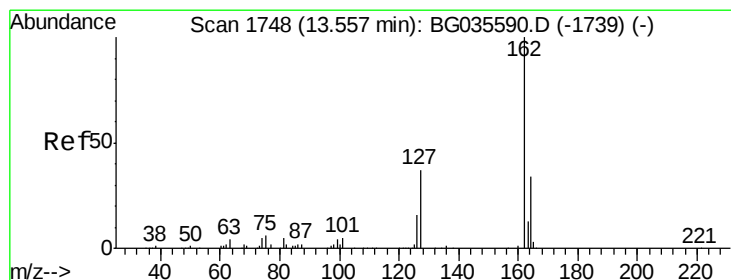
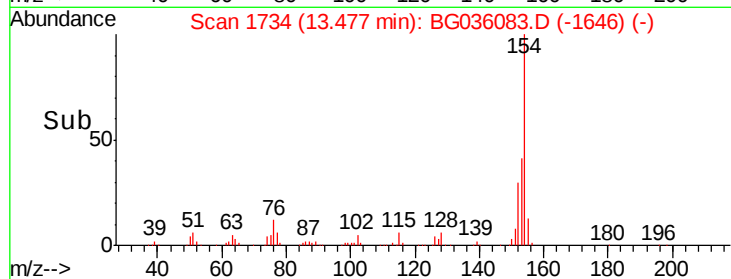
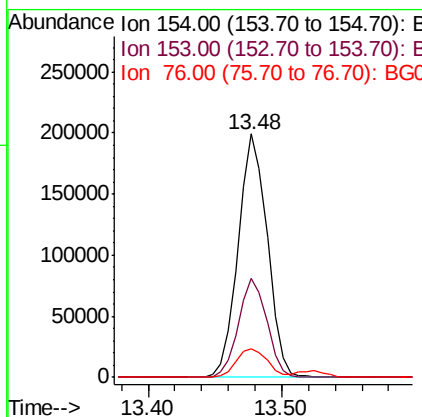
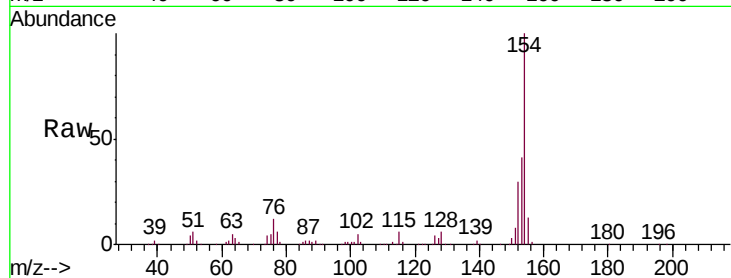




#45
 1,1'-Biphenyl
 Concen: 45.927 ng
 RT: 13.48 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

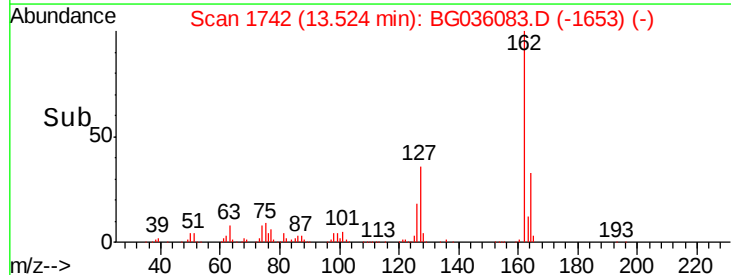
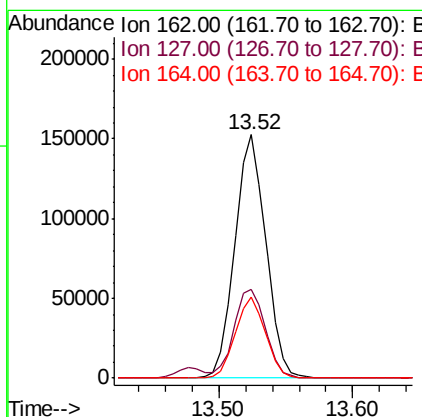
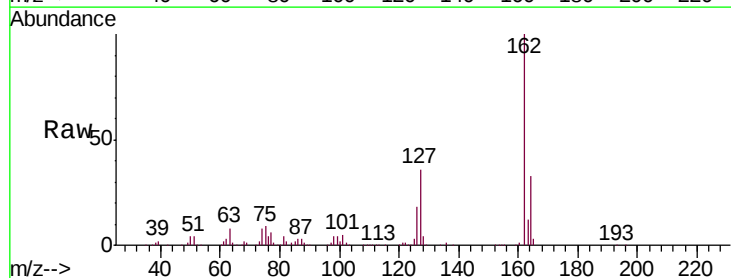
Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

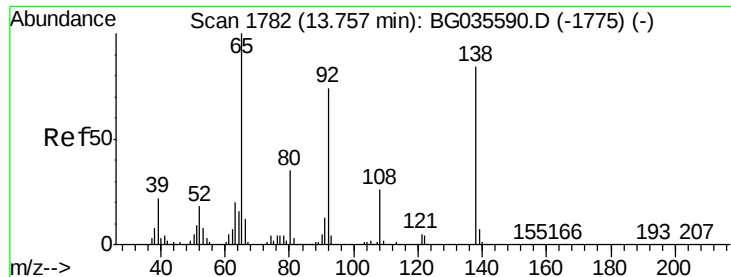
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.8	59.8
76	12.0	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 48.224 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.3	30.7	46.1
164	33.1	26.0	39.0





#47

2-Nitroaniline

Concen: 48.288 ng

RT: 13.73 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

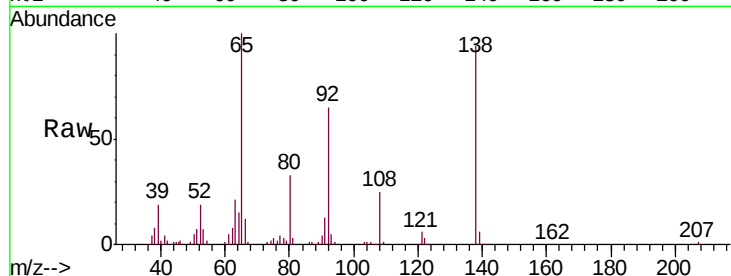
Tgt Ion: 65 Resp: 86777

Ion Ratio Lower Upper

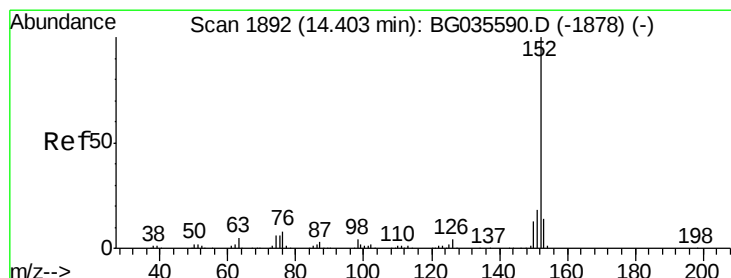
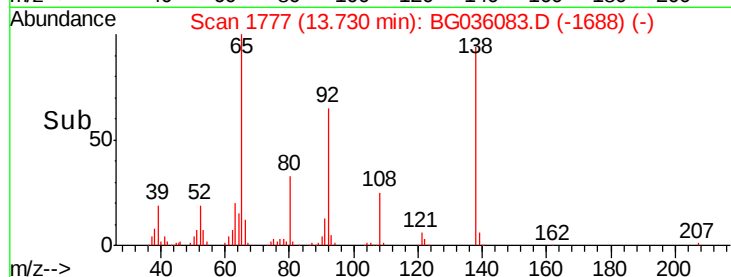
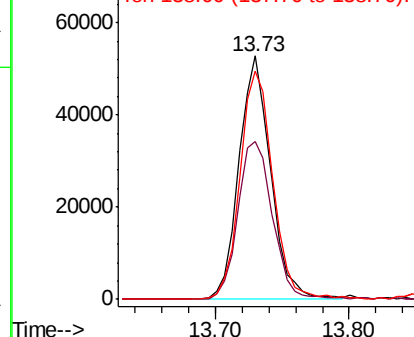
65 100

92 64.8 54.6 82.0

138 93.9 72.9 109.3



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



#48

Acenaphthylene

Concen: 48.022 ng

RT: 14.37 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

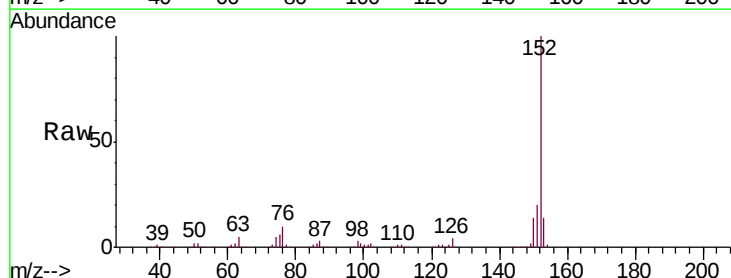
Tgt Ion: 152 Resp: 408904

Ion Ratio Lower Upper

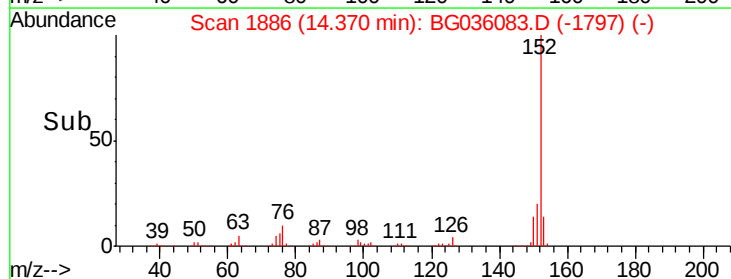
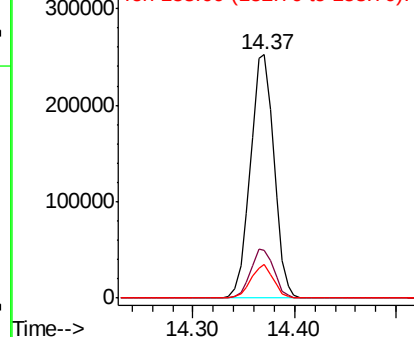
152 100

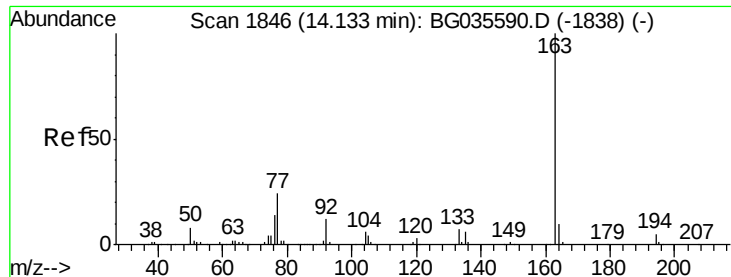
151 19.8 17.2 25.8

153 13.7 10.2 15.4



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





#49

Dimethylphthalate

Concen: 47.232 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

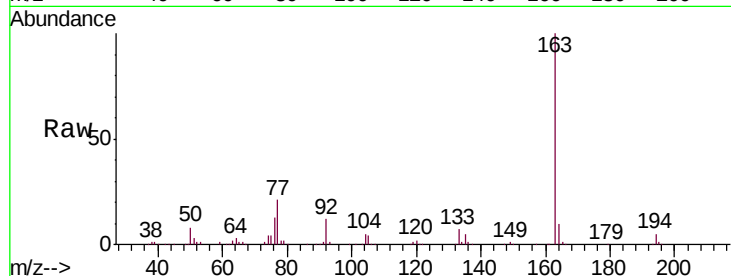
Tgt Ion:163 Resp: 348817

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

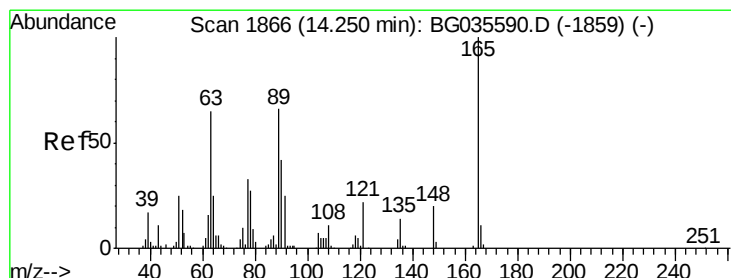
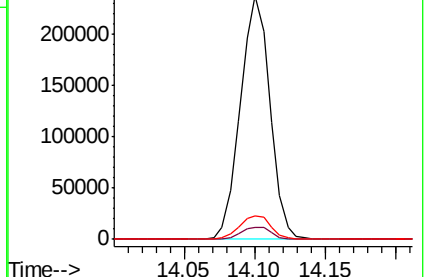
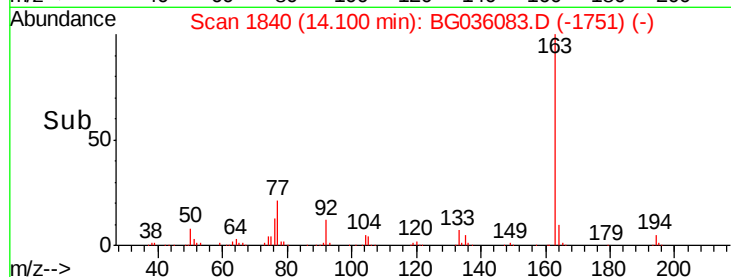
164 9.7 8.2 12.4



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: 53.882 ng

RT: 14.22 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

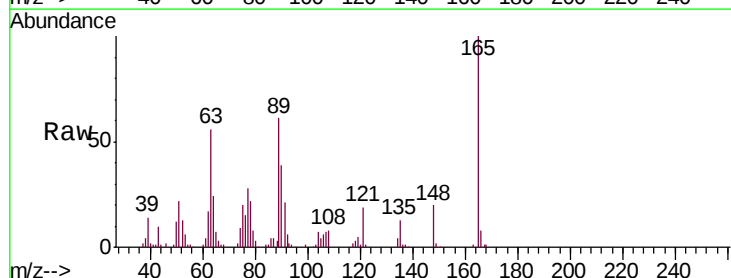
Tgt Ion:165 Resp: 81033

Ion Ratio Lower Upper

165 100

63 55.5 52.7 79.1

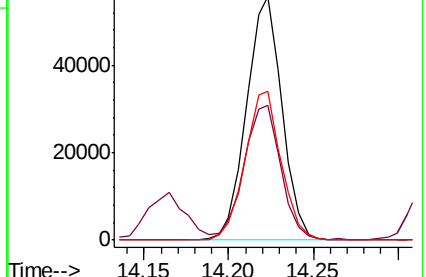
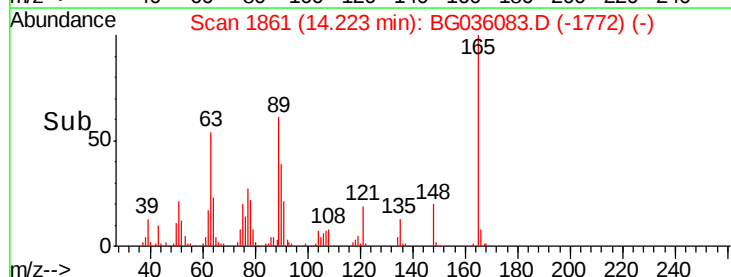
89 61.2 49.2 73.8

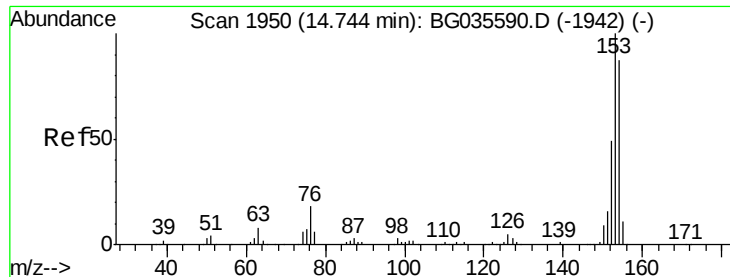


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 45.315 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

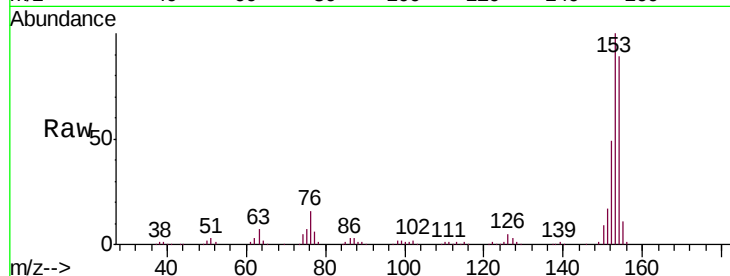
Tgt Ion:154 Resp: 240362

Ion Ratio Lower Upper

154 100

153 111.9 90.4 135.6

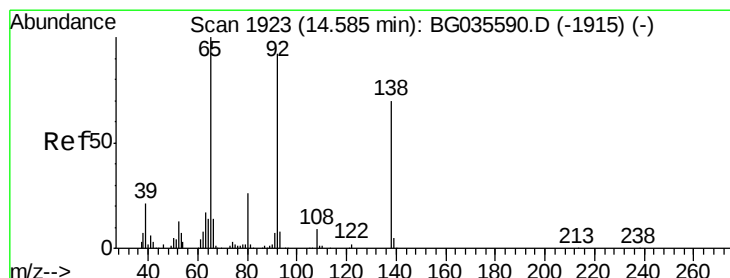
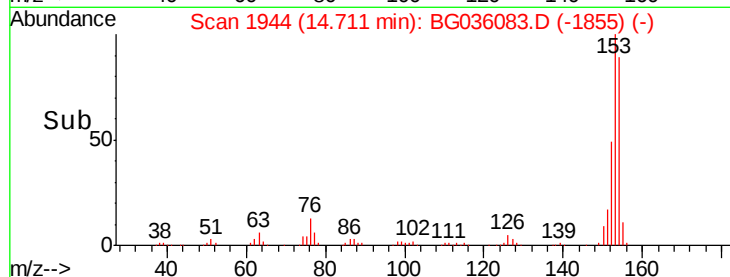
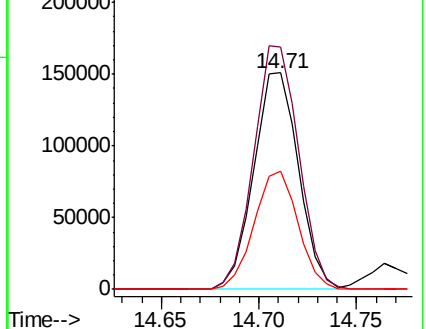
152 54.8 41.6 62.4



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: 33.823 ng

RT: 14.56 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

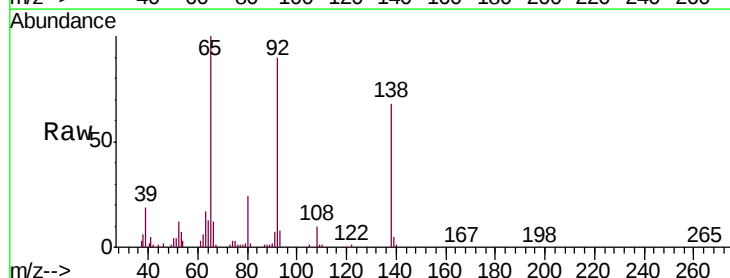
Tgt Ion:138 Resp: 51988

Ion Ratio Lower Upper

138 100

108 15.4 17.5 26.3#

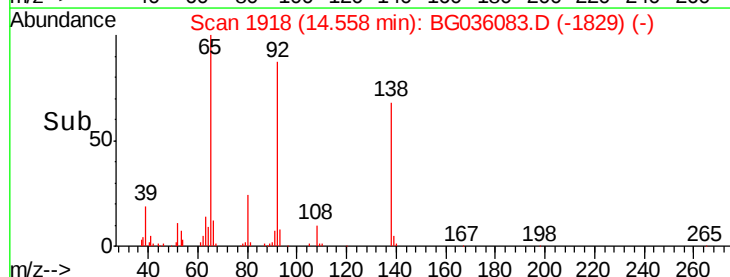
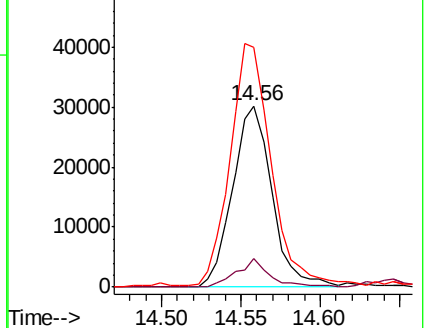
92 132.0 105.8 158.8

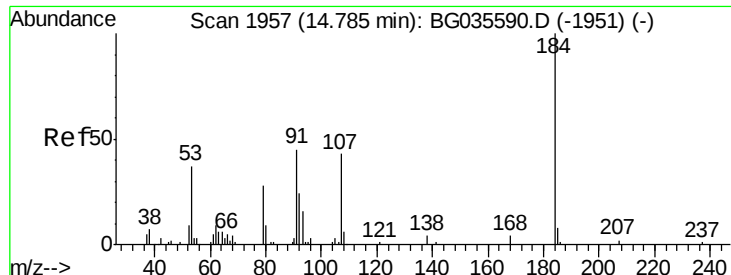


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 56.414 ng

RT: 14.76 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

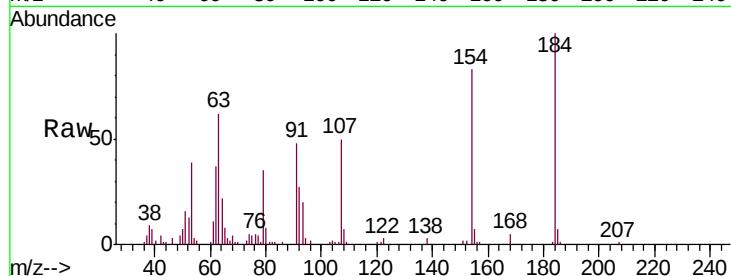
Tgt Ion:184 Resp: 41993

Ion Ratio Lower Upper

184 100

63 61.7 59.8 89.8

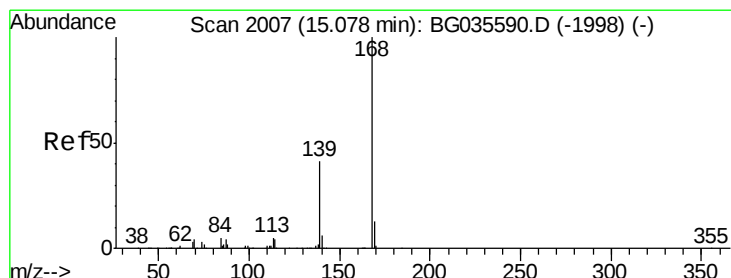
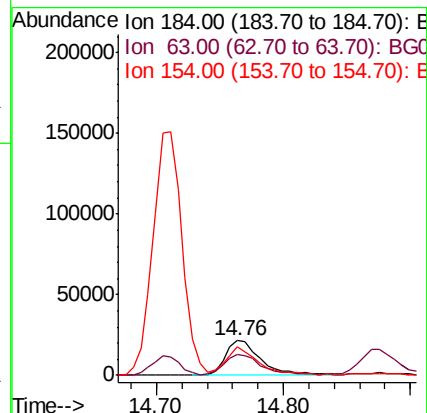
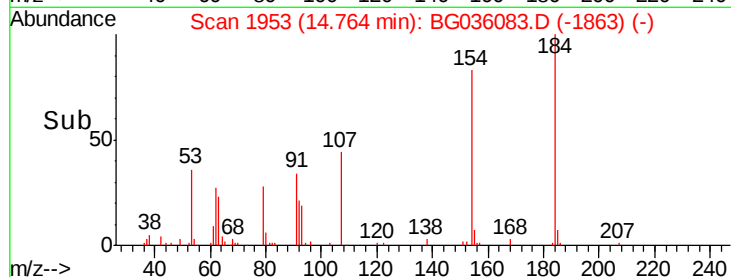
154 82.9 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 48.691 ng

RT: 15.05 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

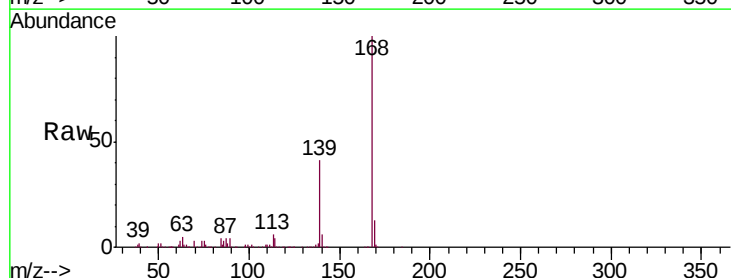
Tgt Ion:168 Resp: 410749

Ion Ratio Lower Upper

168 100

139 41.5 28.6 43.0

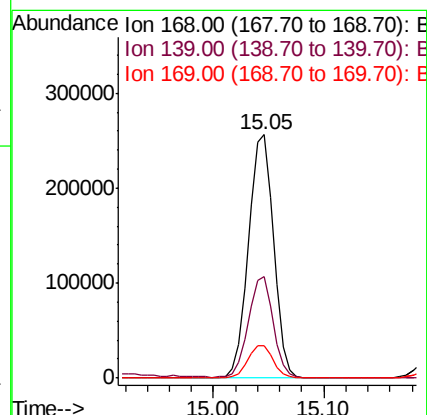
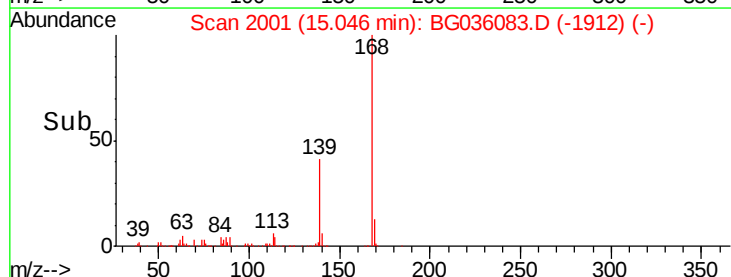
169 13.3 11.2 16.8

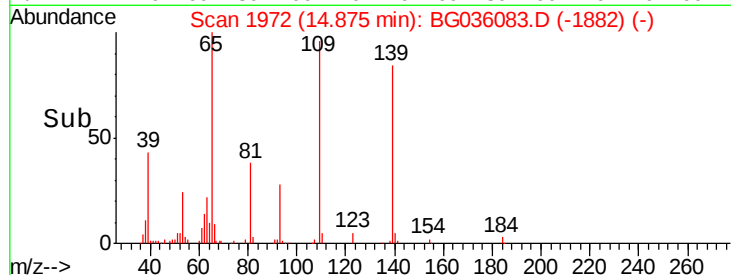
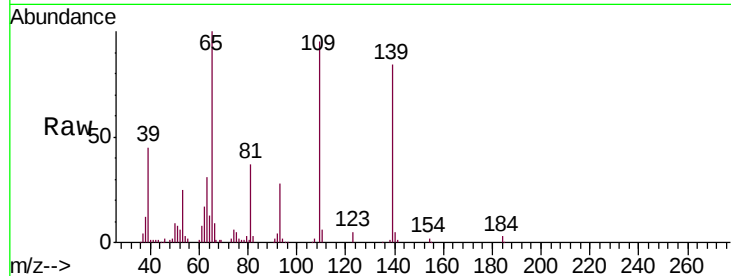
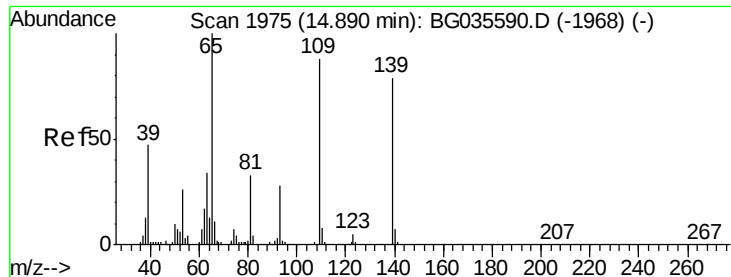


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

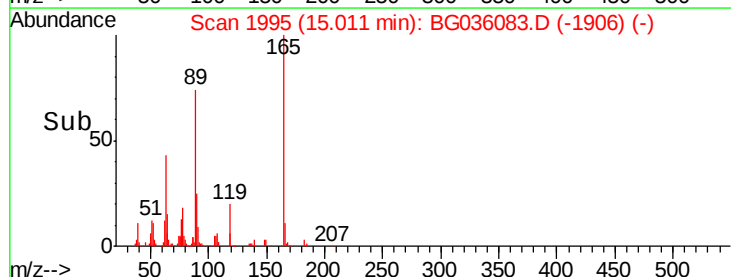
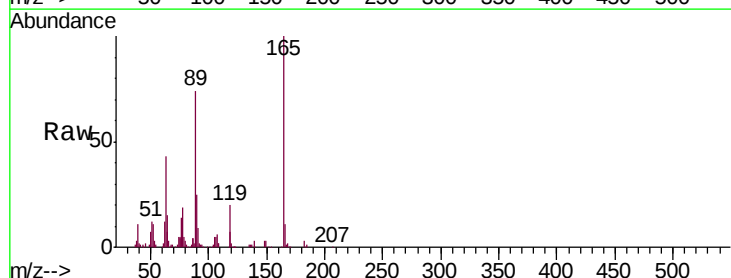
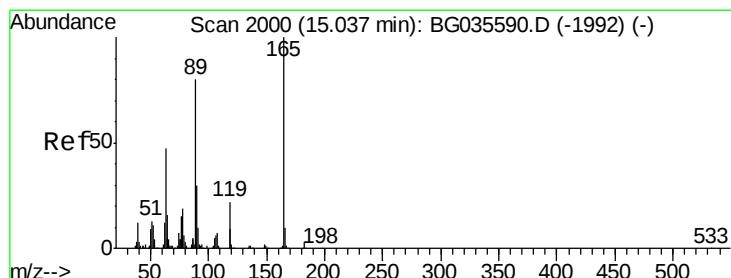
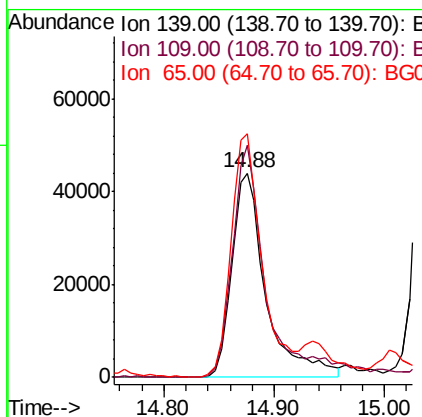




#55
4-Nitrophenol
Concen: 86.860 ng
RT: 14.88 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

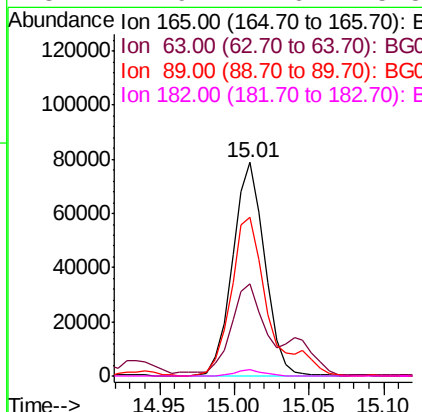
Instrument :
BNA_G
ClientSampleId :
PB111703BS

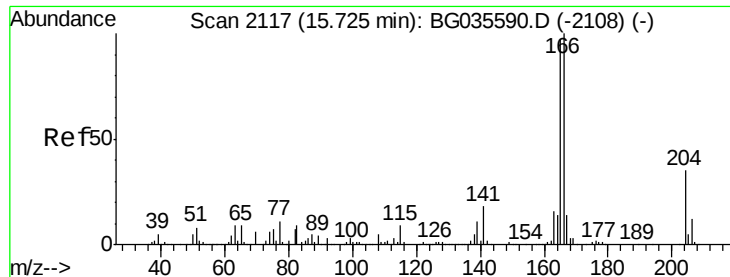
Tgt Ion:139 Resp: 95082
Ion Ratio Lower Upper
139 100
109 113.8 62.2 102.2#
65 119.1 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 54.846 ng
RT: 15.01 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion:165 Resp: 118332
Ion Ratio Lower Upper
165 100
63 43.2 42.0 63.0
89 74.3 66.9 100.3
182 2.9 2.6 3.8





#57

Fluorene

Concen: 49.435 ng

RT: 15.69 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

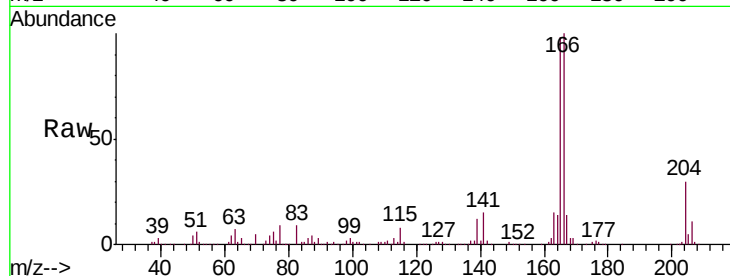
Tgt Ion:166 Resp: 349527

Ion Ratio Lower Upper

166 100

165 98.0 80.6 121.0

167 13.6 10.4 15.6

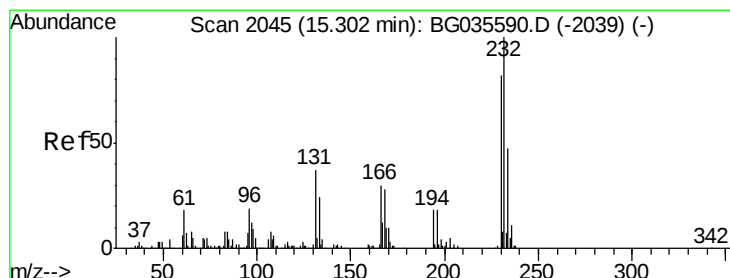
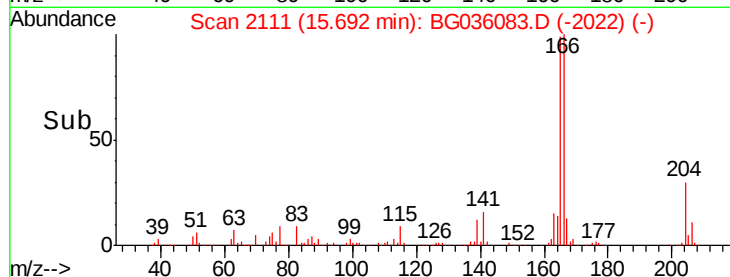
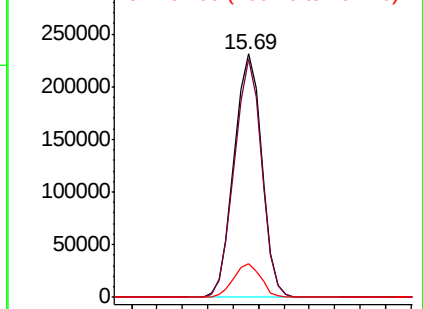


Abundance

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: 55.867 ng

RT: 15.27 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Tgt Ion:232 Resp: 111488

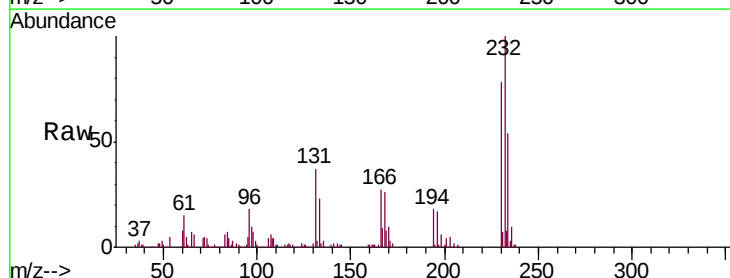
Ion Ratio Lower Upper

232 100

131 37.0 33.5 50.3

130 2.2 2.2 3.2#

166 28.9 24.8 37.2



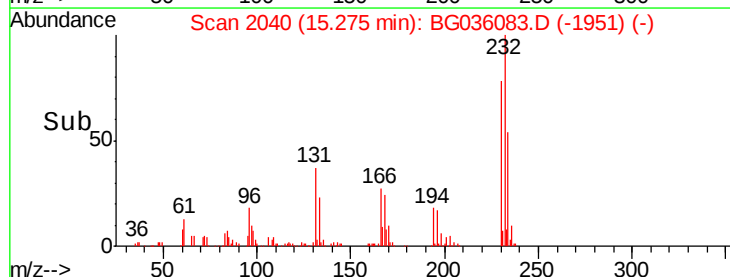
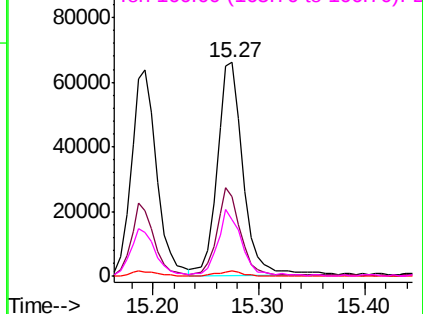
Abundance

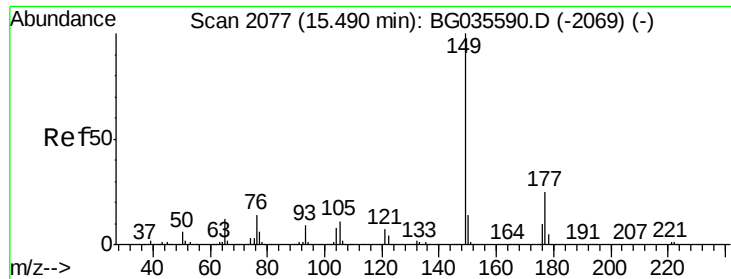
Ion 232.00 (231.70 to 232.70): E

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

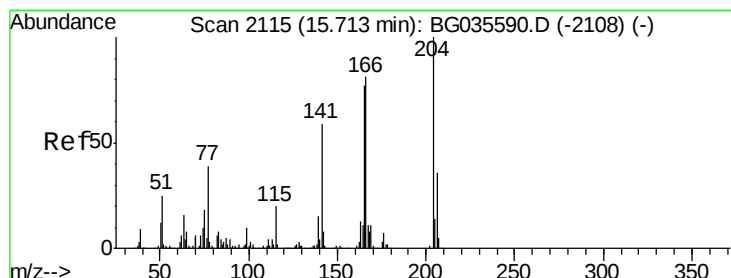
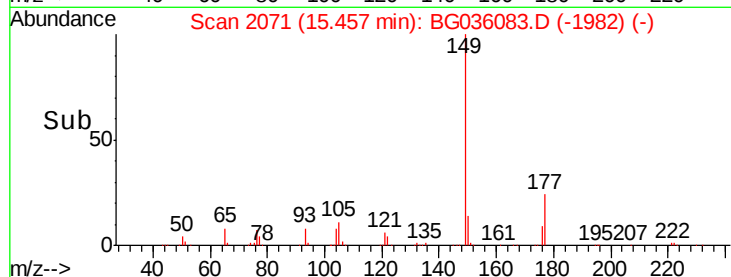
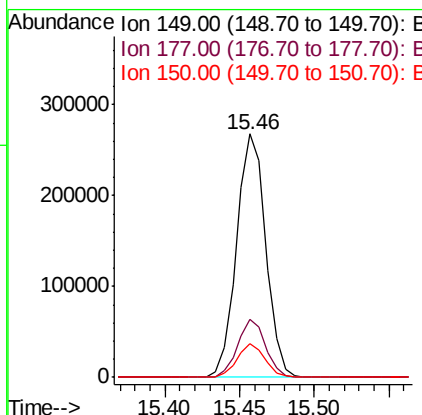
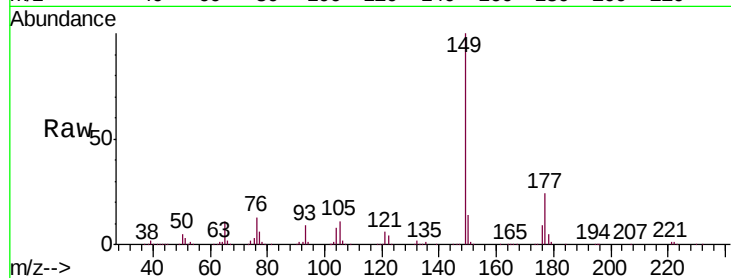




#59
Diethylphthalate
Concen: 47.828 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

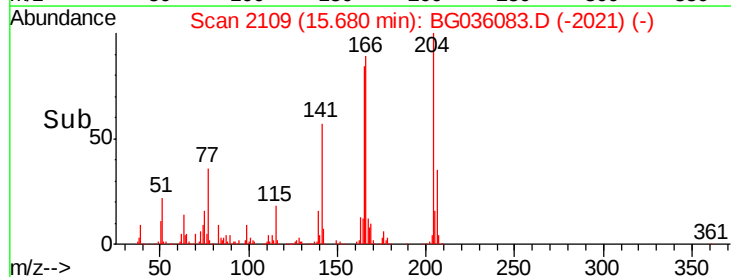
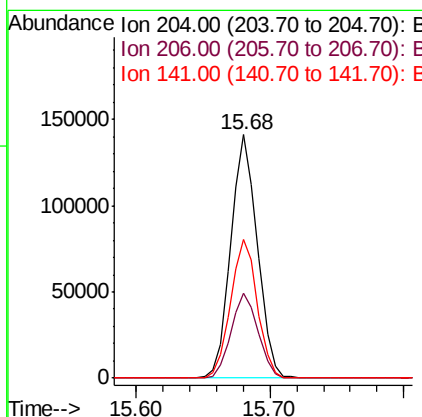
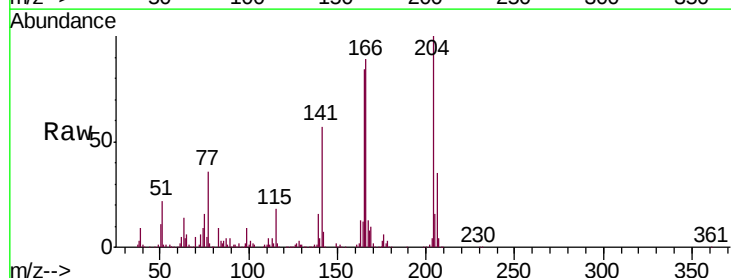
Instrument :
BNA_G
ClientSampleId :
PB111703BS

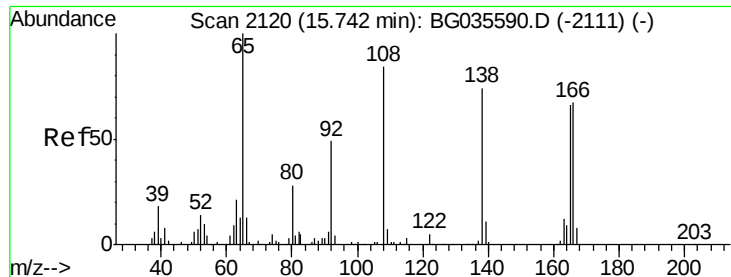
Tgt Ion:149 Resp: 363197
Ion Ratio Lower Upper
149 100
177 23.8 18.5 27.7
150 13.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.220 ng
RT: 15.68 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion:204 Resp: 196227
Ion Ratio Lower Upper
204 100
206 35.0 26.2 39.2
141 56.8 45.8 68.6

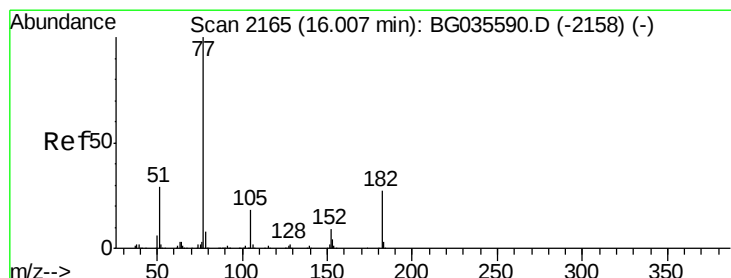
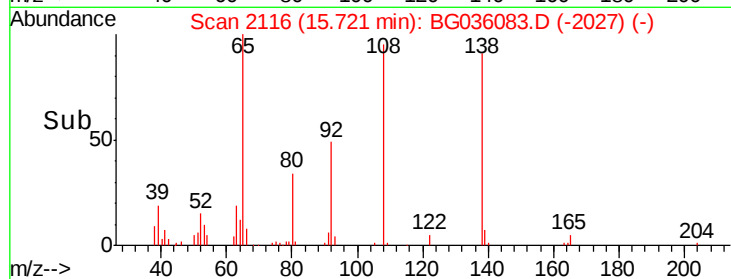
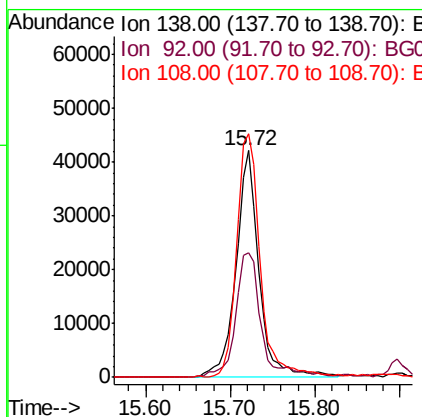
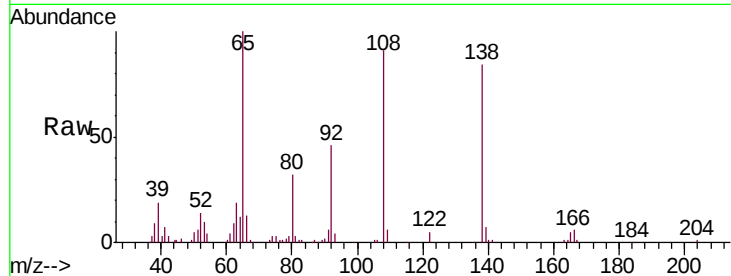




#61
4-Nitroaniline
Concen: 48.827 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

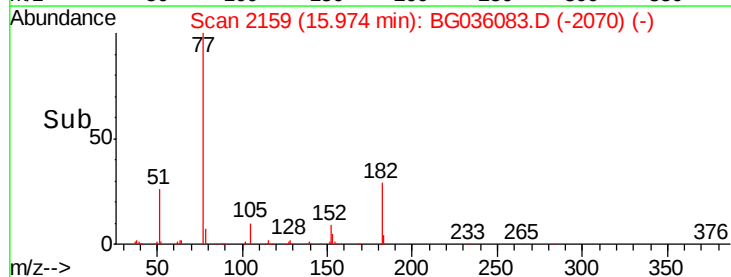
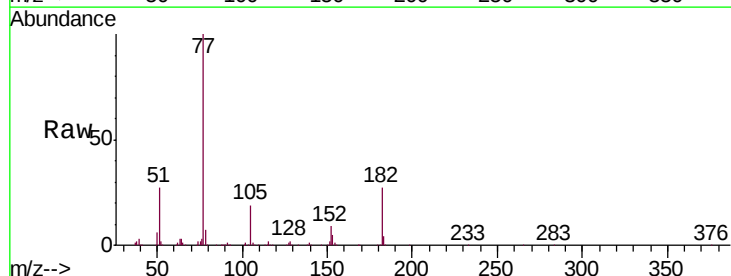
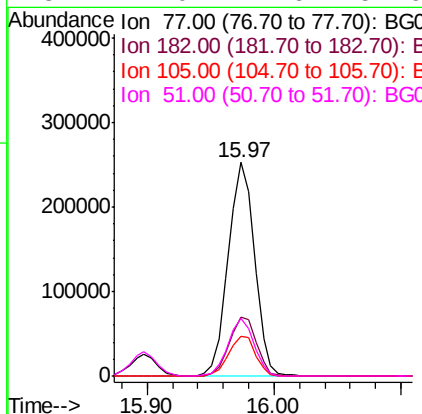
Instrument :
BNA_G
ClientSampleId :
PB111703BS

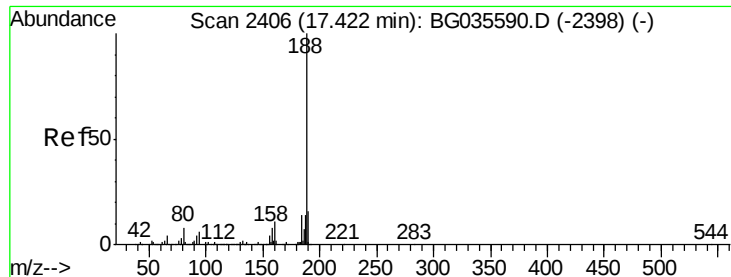
Tgt Ion:138 Resp: 78506
Ion Ratio Lower Upper
138 100
92 54.9 40.1 80.1
108 107.6 65.4 105.4#



#62
Azobenzene
Concen: 48.176 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion: 77 Resp: 360862
Ion Ratio Lower Upper
77 100
182 27.3 7.4 47.4
105 18.6 0.3 40.3
51 27.0 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

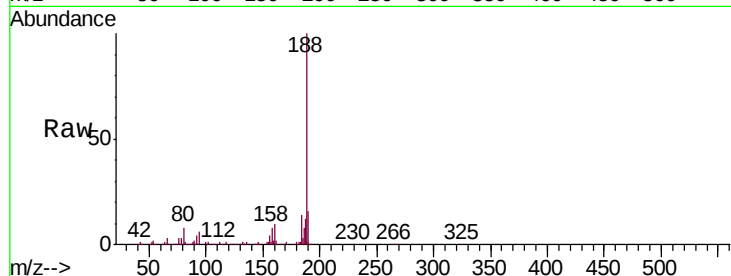
Tgt Ion:188 Resp: 246081

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

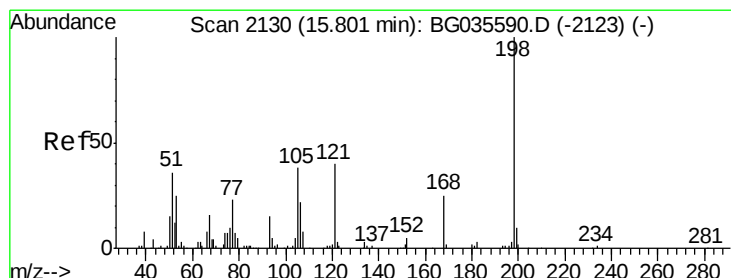
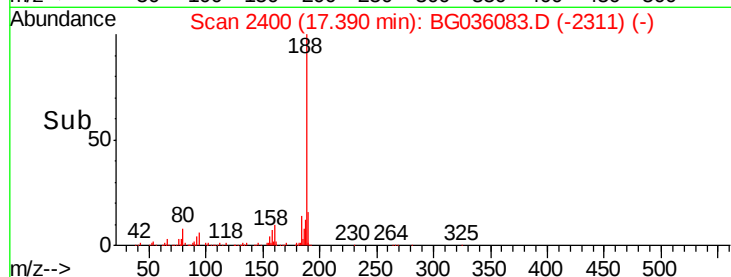
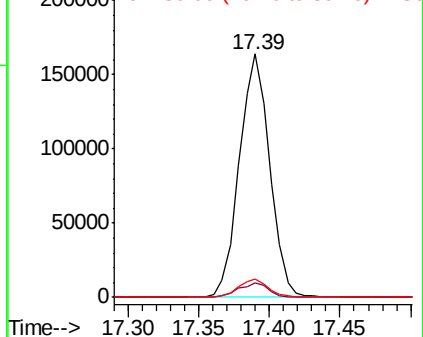
80 7.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 41.981 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

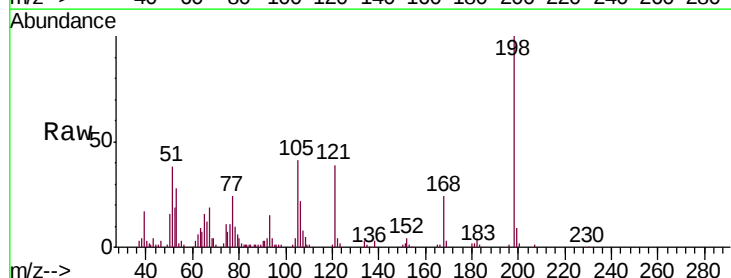
Tgt Ion:198 Resp: 57507

Ion Ratio Lower Upper

198 100

51 38.2 30.6 70.6

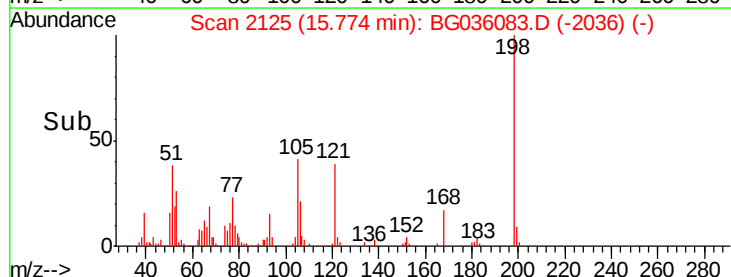
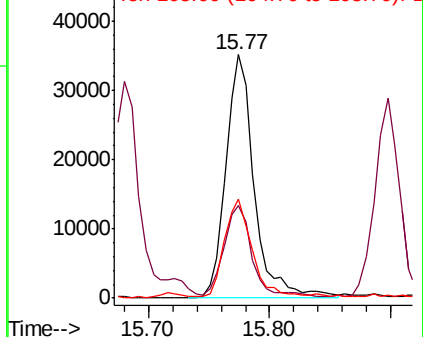
105 40.5 23.8 63.8

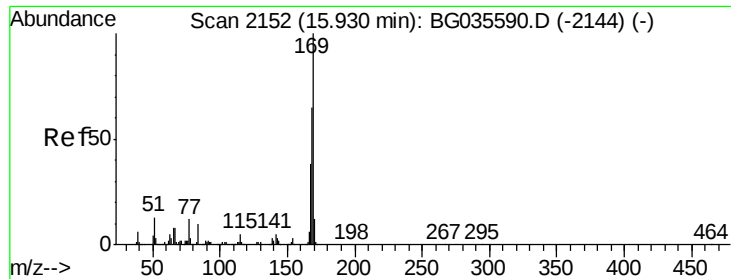


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

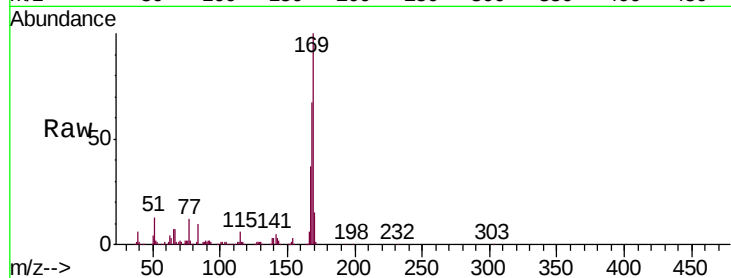




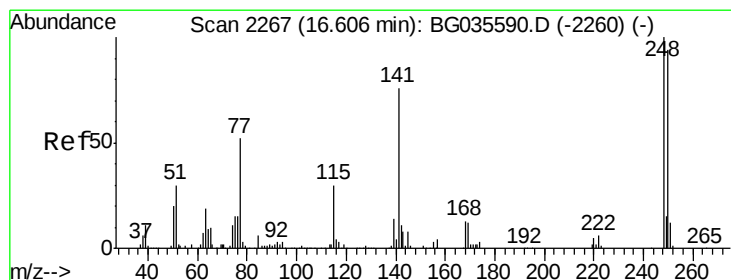
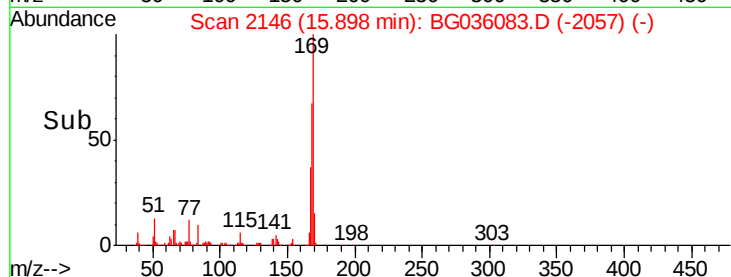
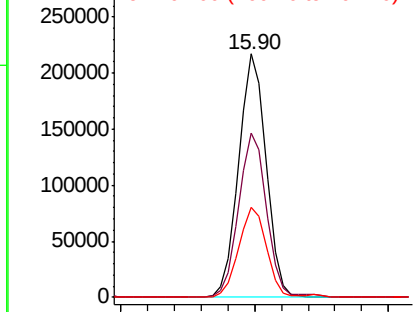
#65
n-Nitrosodiphenylamine
Concen: 44.217 ng
RT: 15.90 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB111703BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	55.7	83.5
167	36.7	30.1	45.1

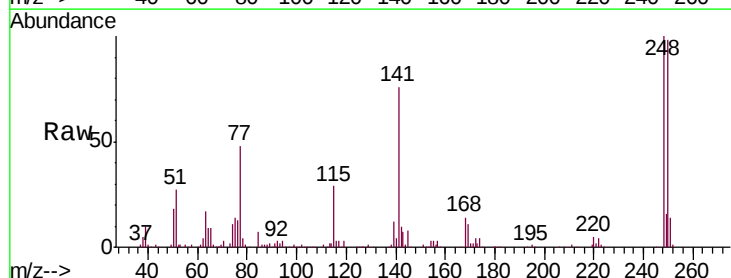


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

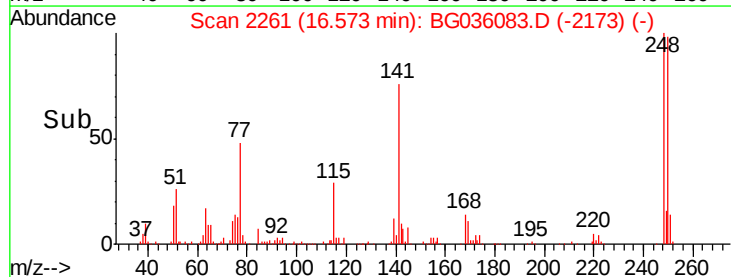
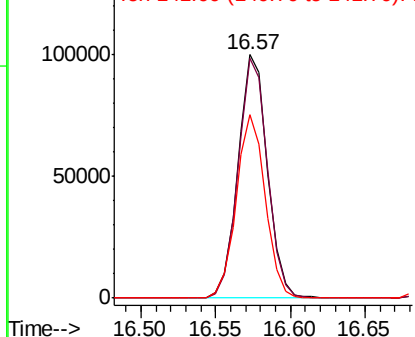


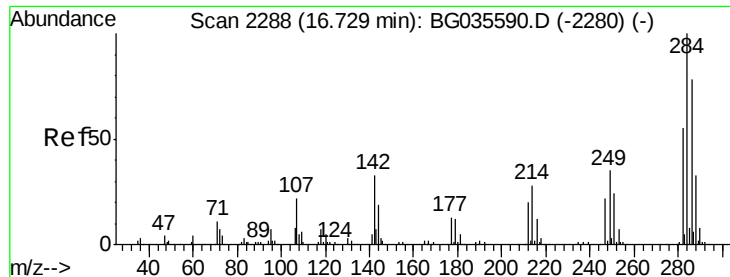
#66
4-Bromophenyl-phenylether
Concen: 47.717 ng
RT: 16.57 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.1	115.7
141	75.5	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

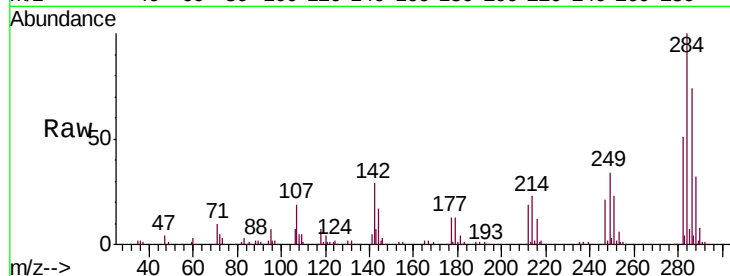




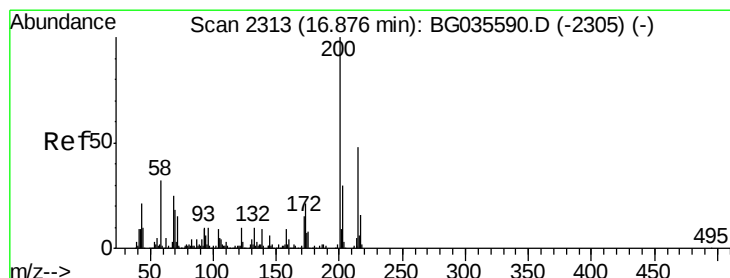
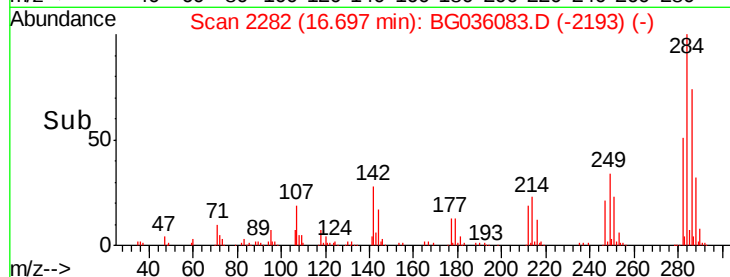
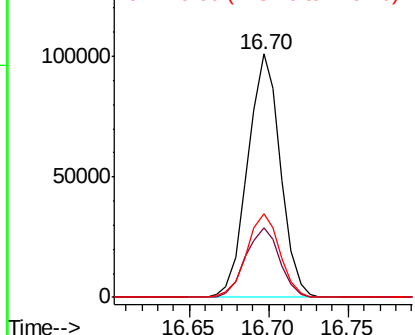
#67
Hexachlorobenzene
Concen: 49.010 ng
RT: 16.70 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Instrument :
BNA_G
ClientSampleId :
PB111703BS

Tgt Ion:284 Resp: 144094
Ion Ratio Lower Upper
284 100
142 28.7 26.8 40.2
249 34.2 26.3 39.5

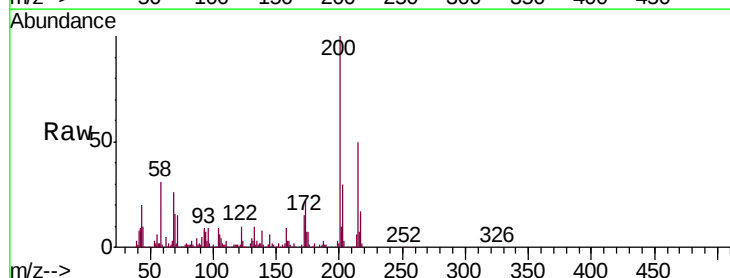


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

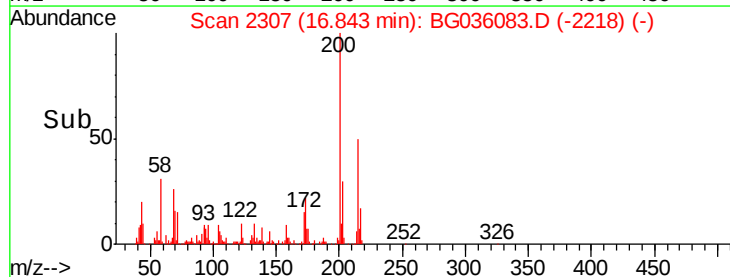
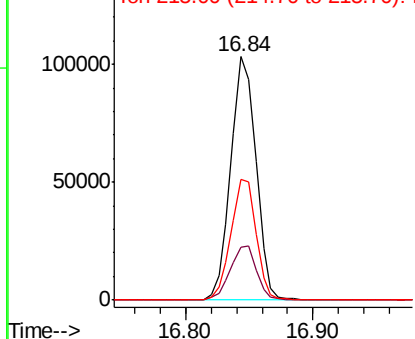


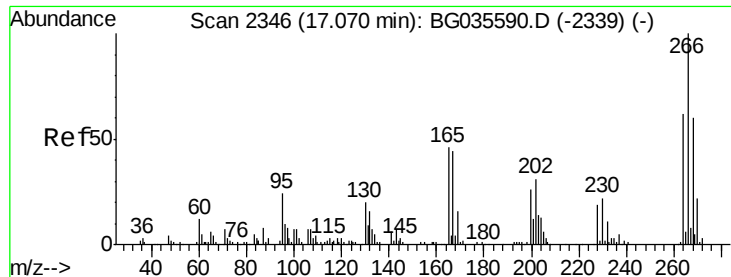
#68
Atrazine
Concen: 49.344 ng
RT: 16.84 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion:200 Resp: 142305
Ion Ratio Lower Upper
200 100
173 21.8 5.2 45.2
215 49.8 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

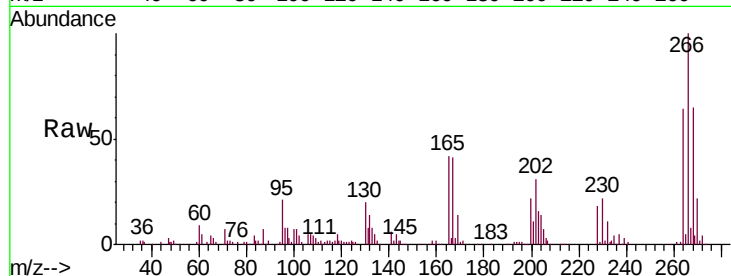




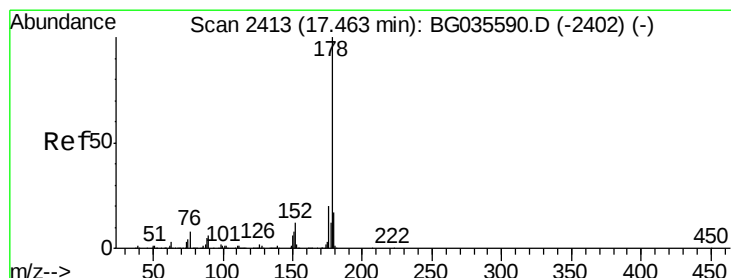
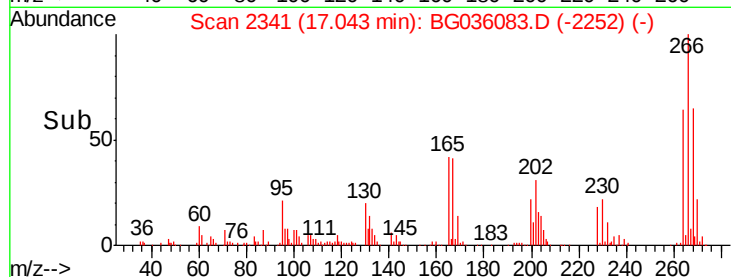
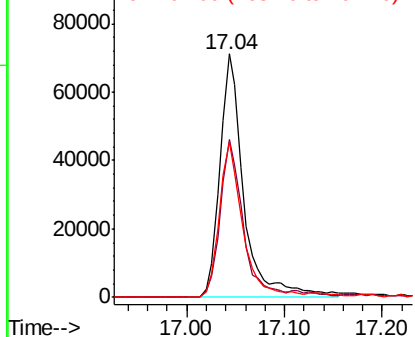
#69
 Pentachlorophenol
 Concen: 67.782 ng
 RT: 17.04 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tgt Ion:266 Resp: 121383
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.1 76.7
 264 64.0 49.6 74.4

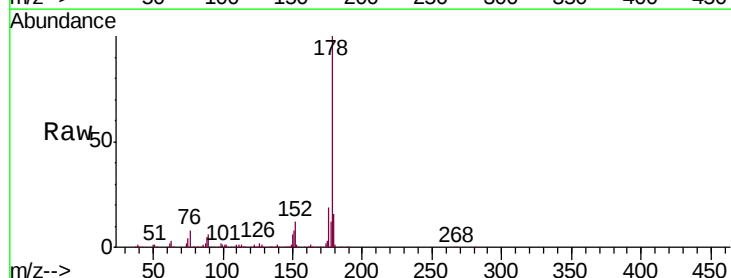


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

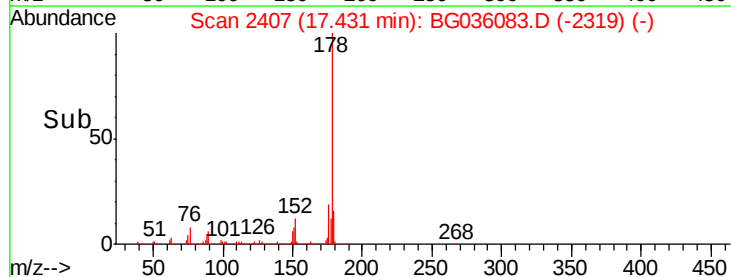
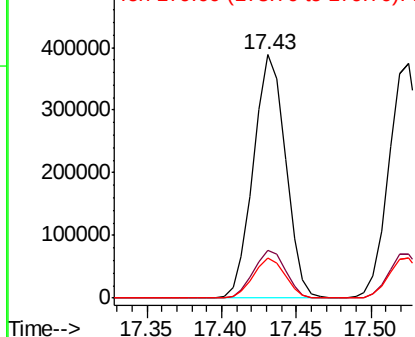


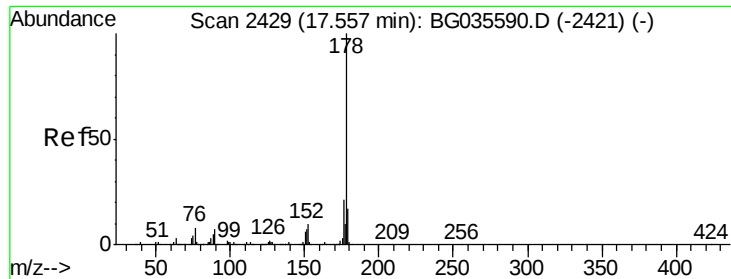
#70
 Phenanthrene
 Concen: 47.171 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion:178 Resp: 579208
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.7 23.5
 179 16.4 12.5 18.7



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

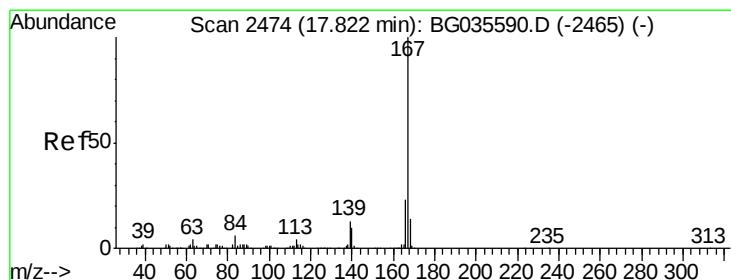
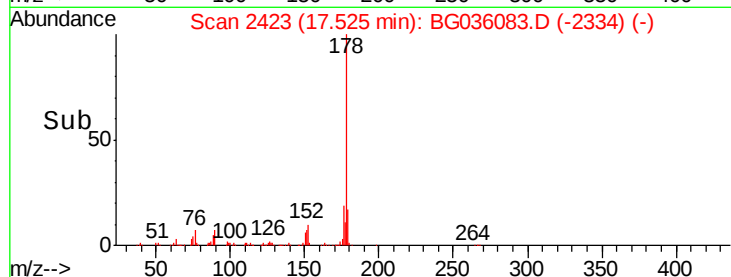
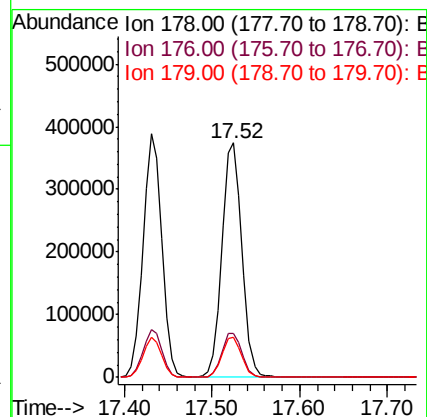
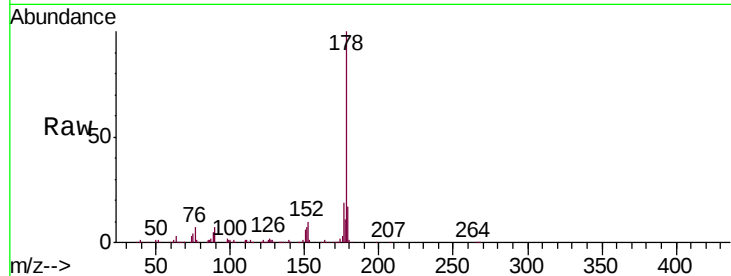




#71
 Anthracene
 Concen: 48.280 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

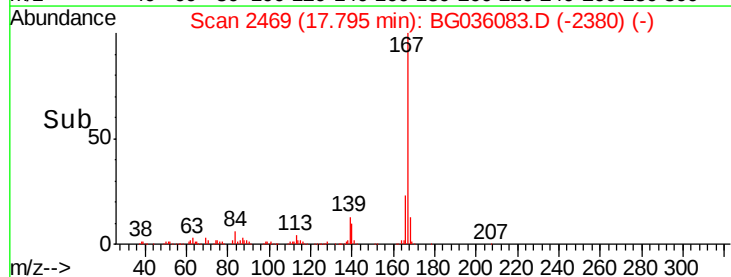
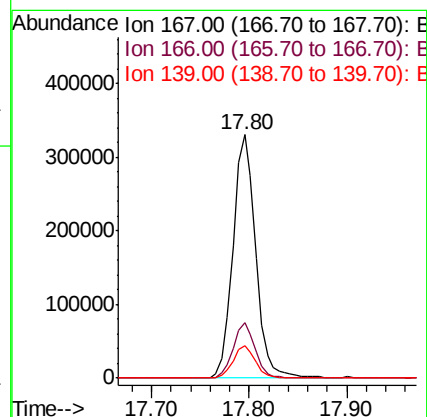
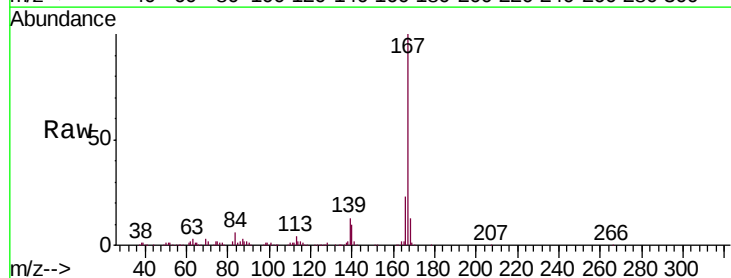
Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

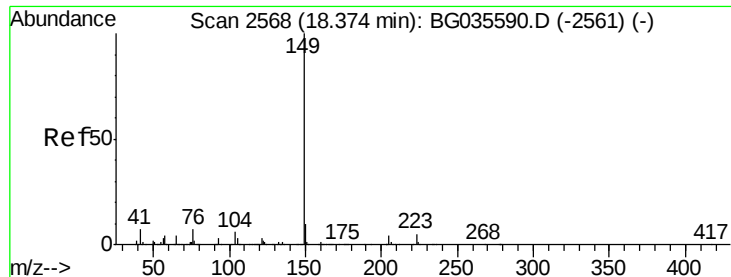
Tgt Ion:178 Resp: 590304
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.0 24.0
 179 17.4 12.5 18.7



#72
 Carbazole
 Concen: 45.957 ng
 RT: 17.80 min Scan# 2469
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion:167 Resp: 533626
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 13.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 45.162 ng

RT: 18.34 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

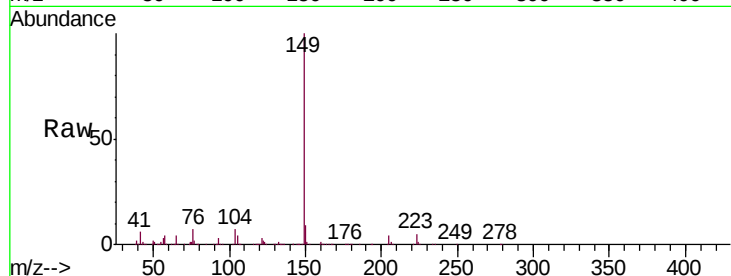
Tgt Ion:149 Resp: 619681

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

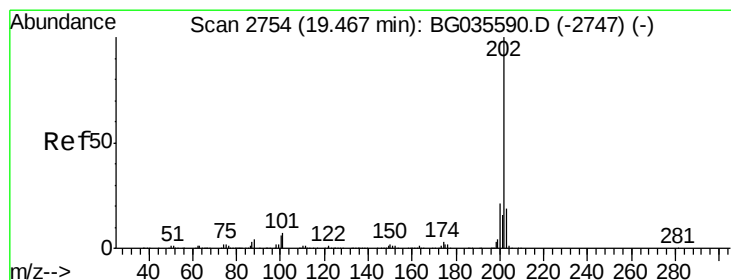
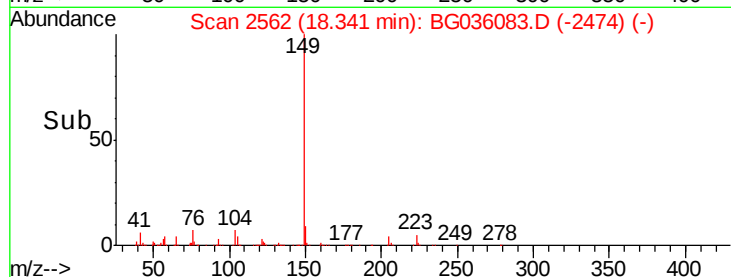
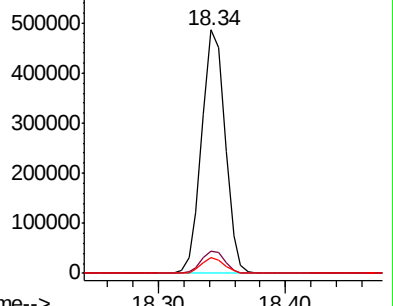
104 6.5 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.016 ng

RT: 19.44 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

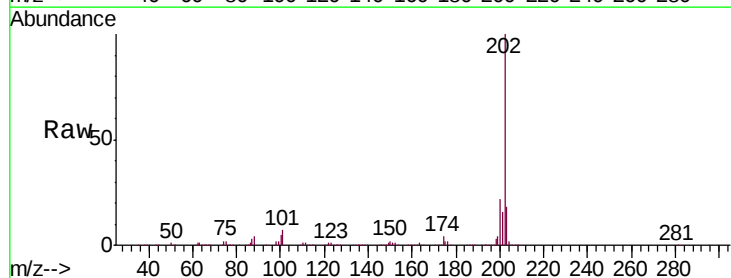
Tgt Ion:202 Resp: 777637

Ion Ratio Lower Upper

202 100

101 6.5 0.0 28.9

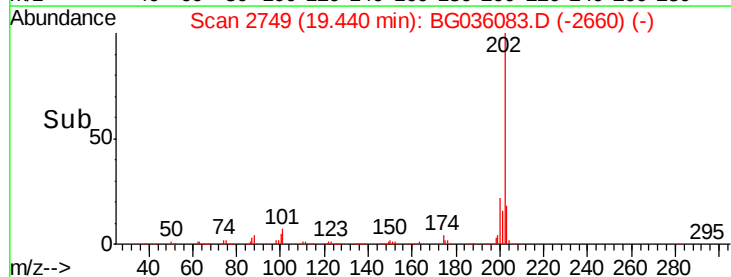
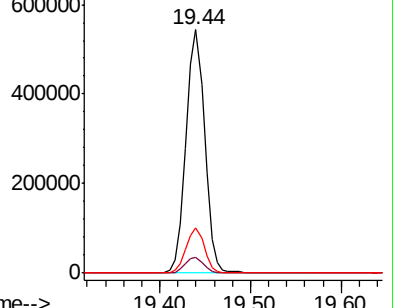
203 18.4 0.0 37.5

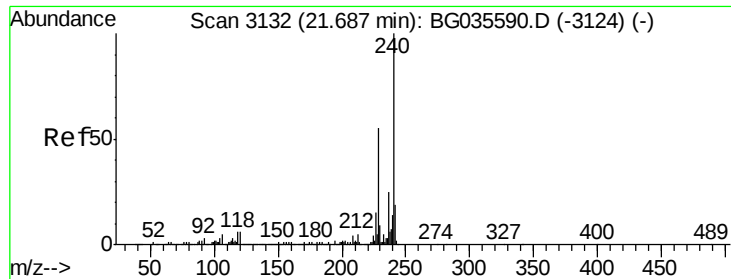


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

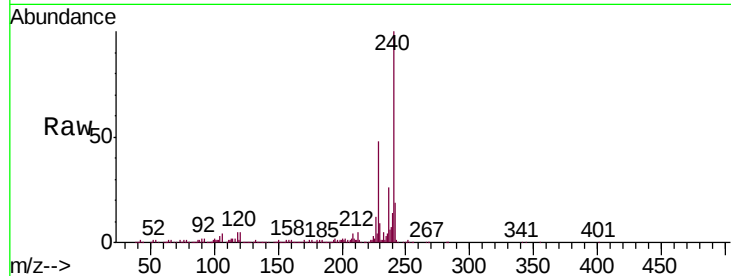
Tgt Ion:240 Resp: 269391

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

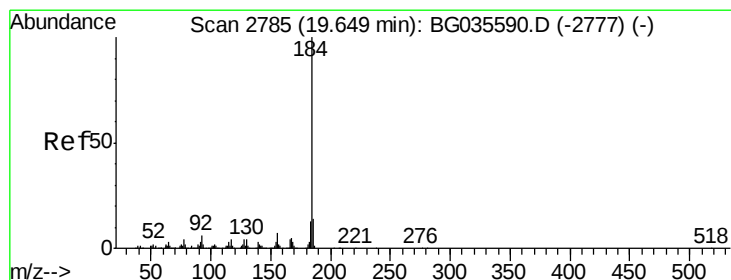
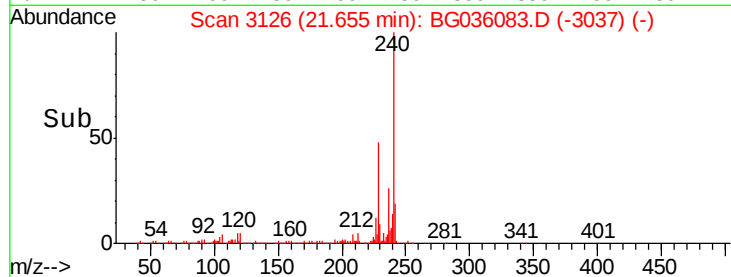
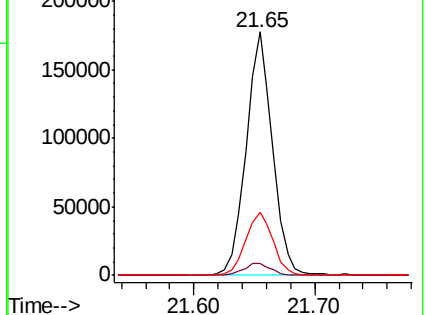
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.700 ng

RT: 19.62 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

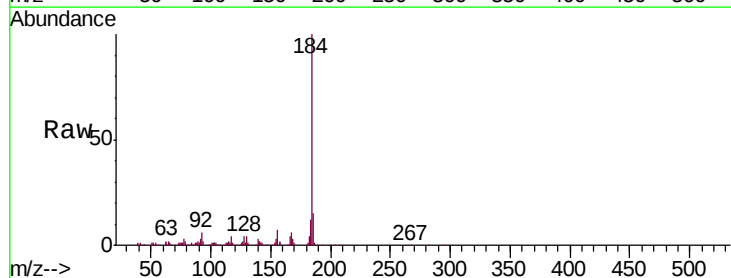
Tgt Ion:184 Resp: 252843

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

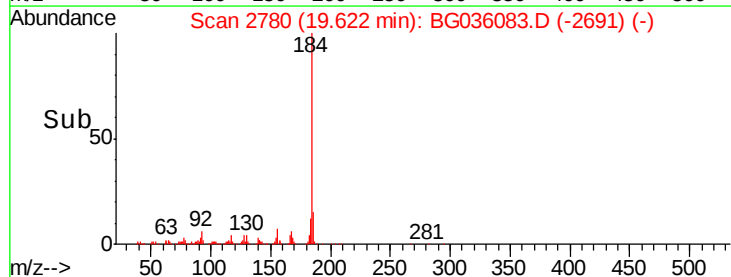
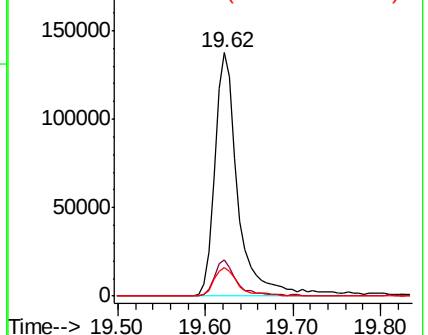
183 11.6 10.6 16.0

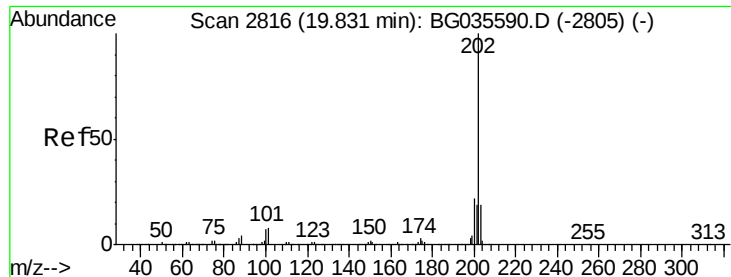


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.863 ng

RT: 19.80 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

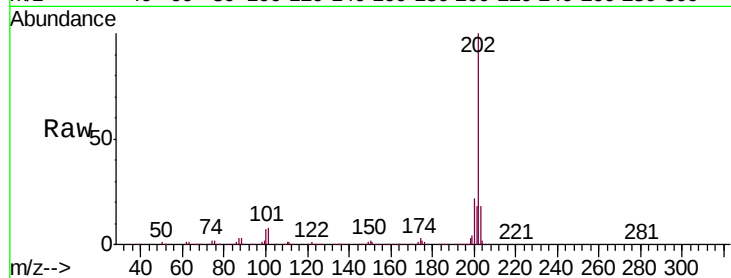
Tgt Ion:202 Resp: 781220

Ion Ratio Lower Upper

202 100

200 22.0 16.9 25.3

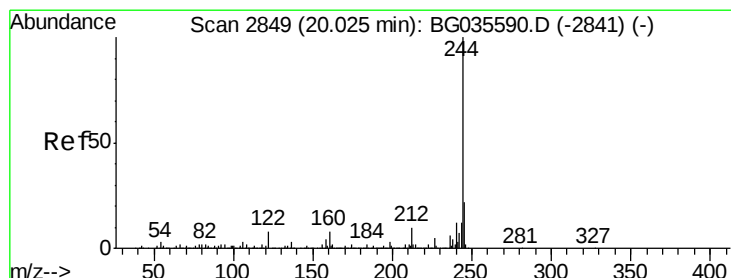
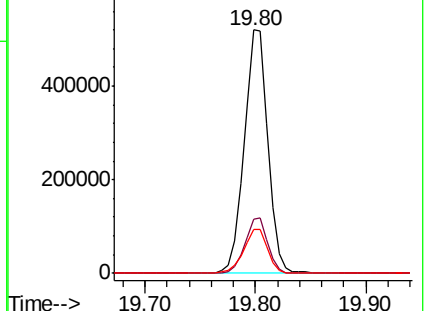
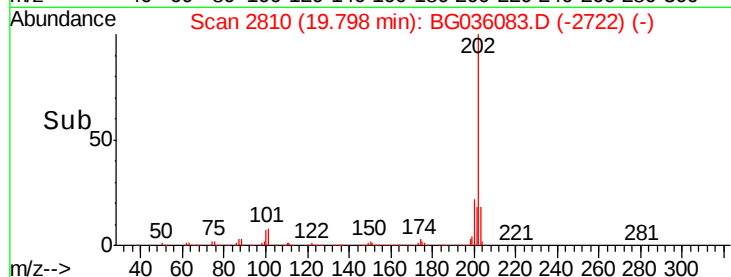
203 18.1 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 102.603 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

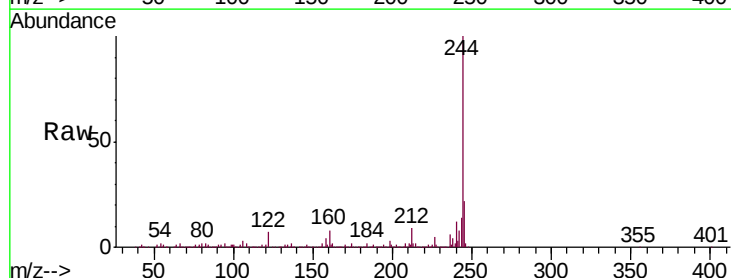
Tgt Ion:244 Resp: 1253926

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

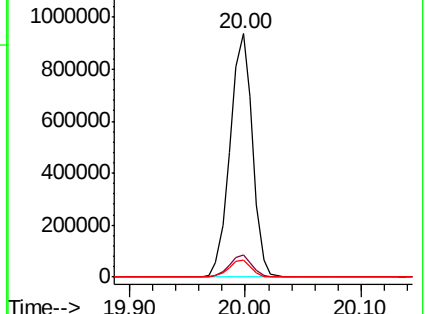
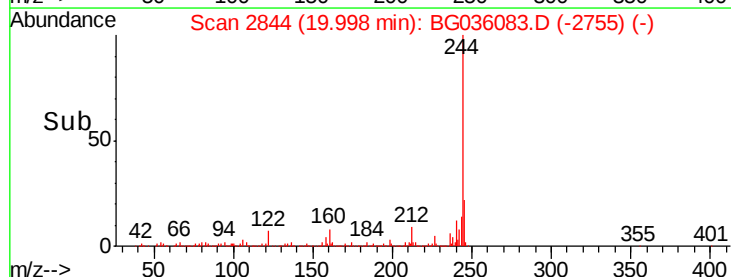
122 6.9 7.0 10.4#

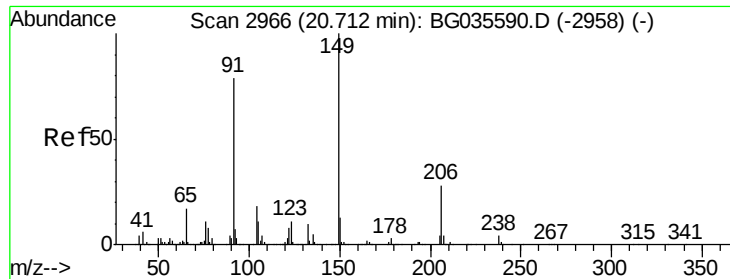


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

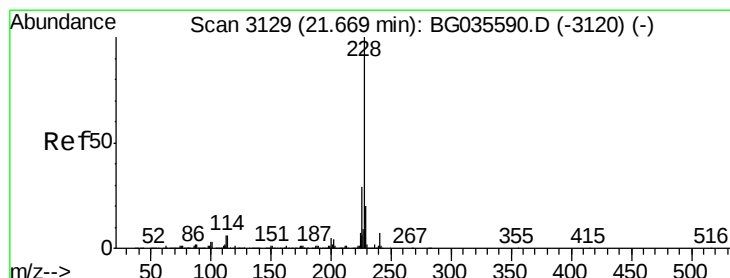
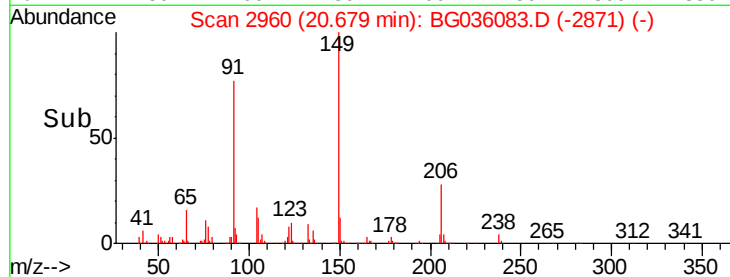
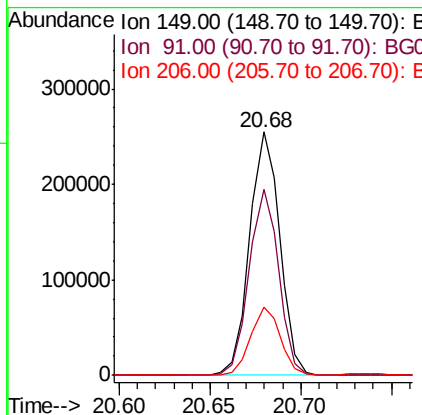
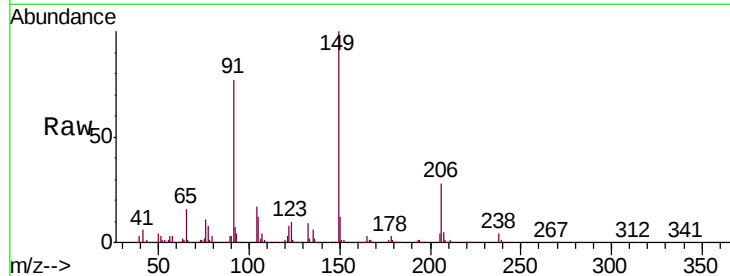




#79
 Butylbenzylphthalate
 Concen: 48.679 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

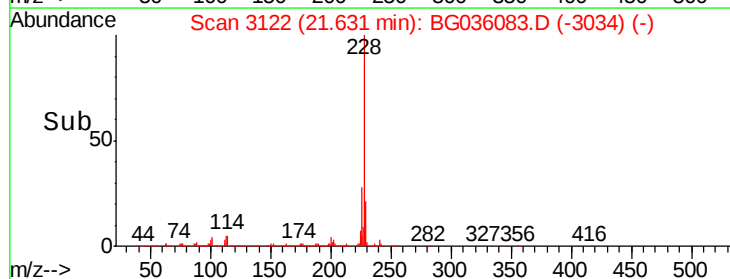
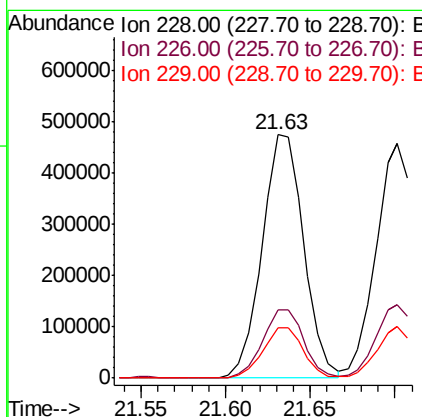
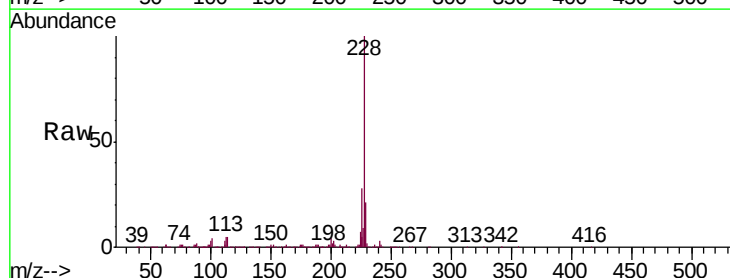
Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

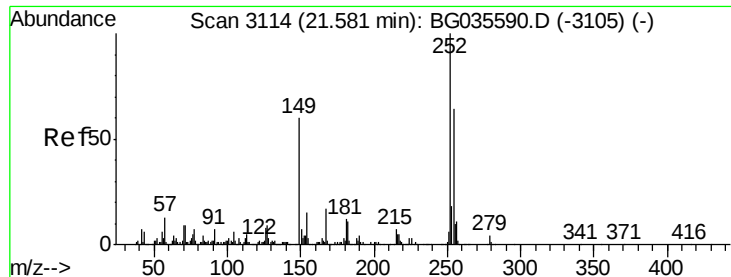
Tgt Ion:	149	Resp:	296526
Ion Ratio	Lower	Upper	
149	100		
91	76.6	62.2	93.2
206	27.8	18.6	27.8



#80
 Benzo(a)anthracene
 Concen: 48.265 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion:	228	Resp:	810253
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.7	34.1
229	20.5	16.2	24.2

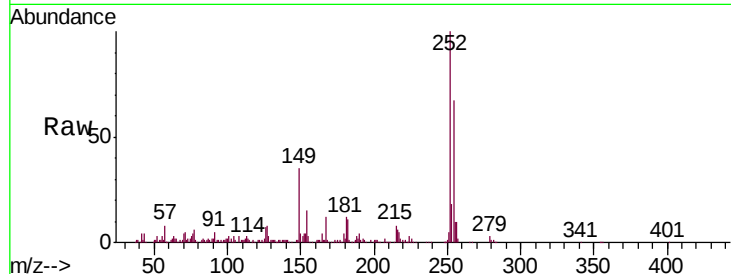




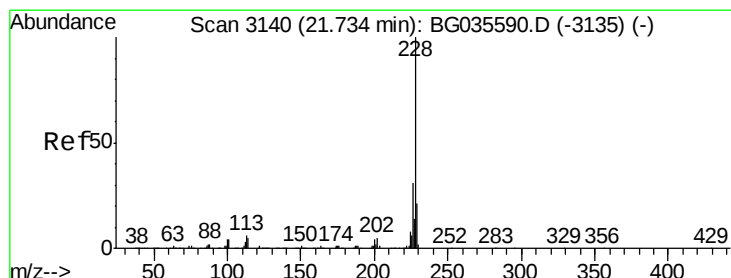
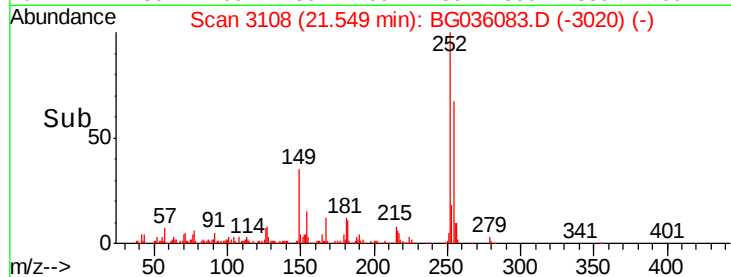
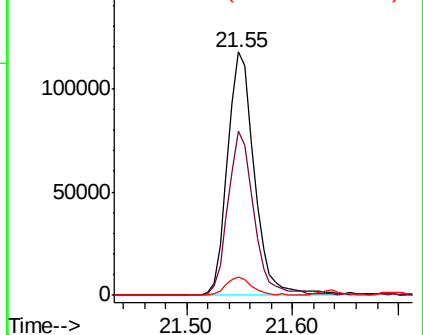
#81
 3,3'-Dichlorobenzidine
 Concen: 35.478 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Instrument :
 BNA_G
 ClientSampleId :
 PB111703BS

Tgt Ion:252 Resp: 207671
 Ion Ratio Lower Upper
 252 100
 254 67.2 50.8 76.2
 126 7.3 7.4 11.2#

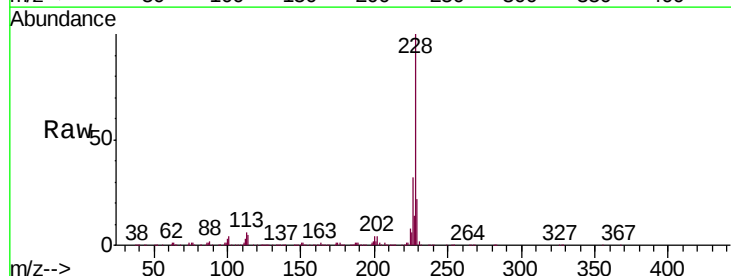


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

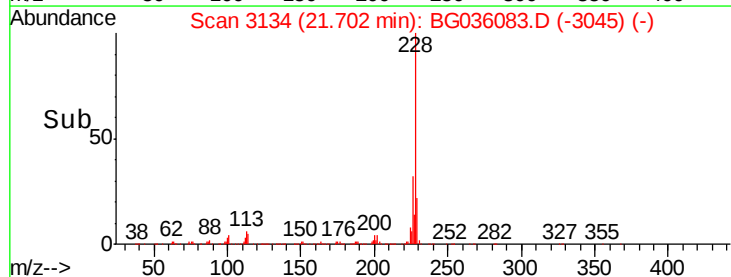
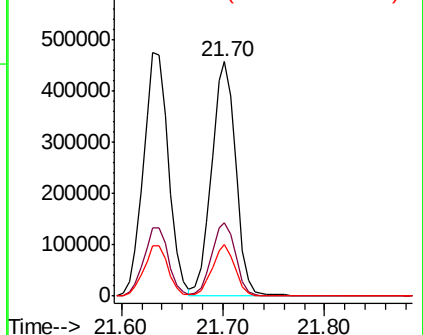


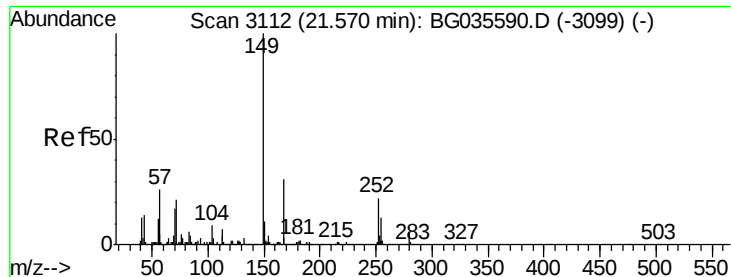
#82
 Chrysene
 Concen: 48.314 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG036083.D
 Acq: 3 Aug 2018 7:11

Tgt Ion:228 Resp: 751608
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 21.8 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: 49.231 ng

RT: 21.53 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

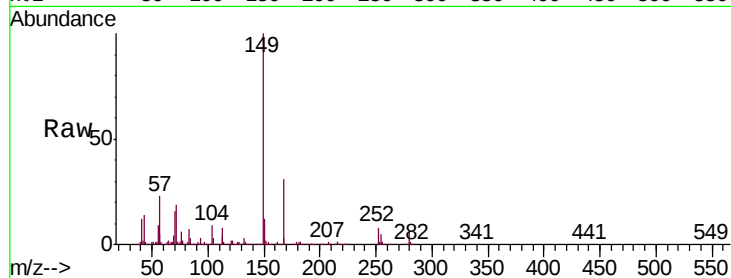
Tgt Ion:149 Resp: 407694

Ion Ratio Lower Upper

149 100

167 30.7 24.3 36.5

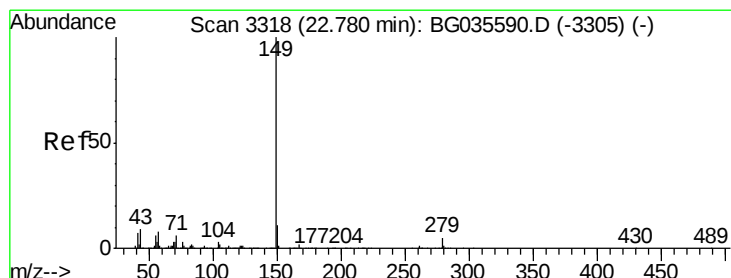
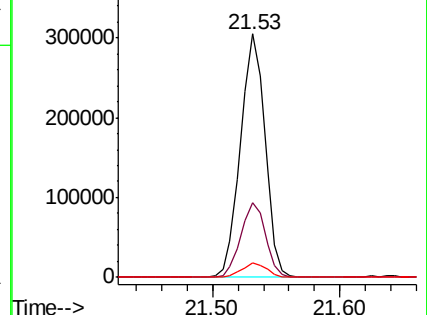
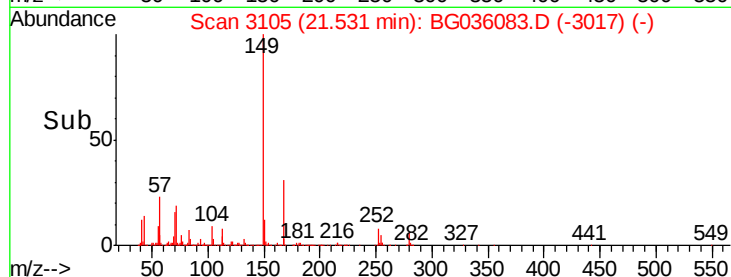
279 5.9 4.0 6.0



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: 50.660 ng

RT: 22.73 min Scan# 3309

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

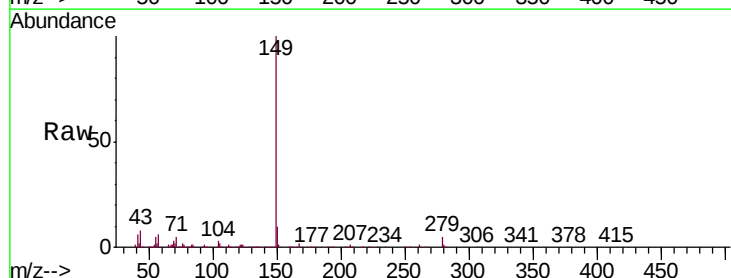
Tgt Ion:149 Resp: 702446

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

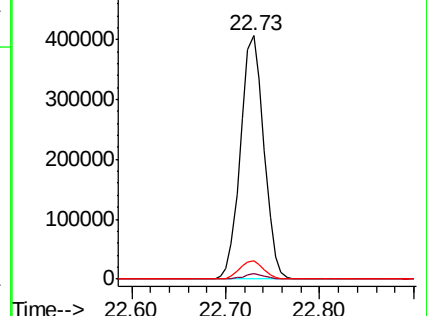
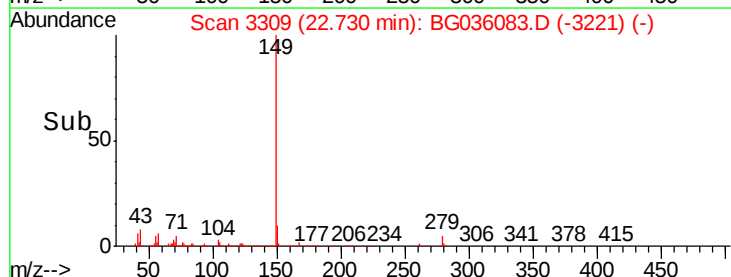
43 7.9 8.9 13.3#

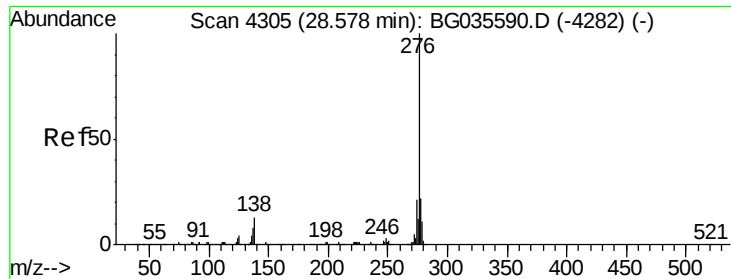


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.386 ng

RT: 28.50 min Scan# 4291

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

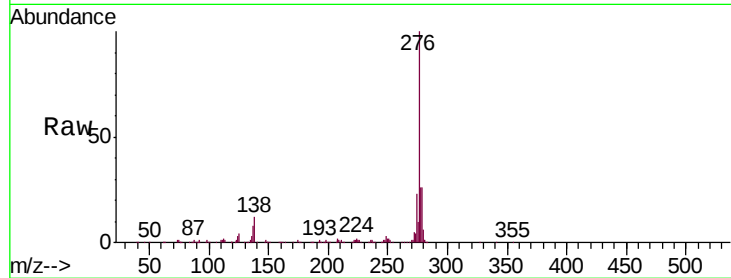
Tgt Ion:276 Resp: 850600

Ion Ratio Lower Upper

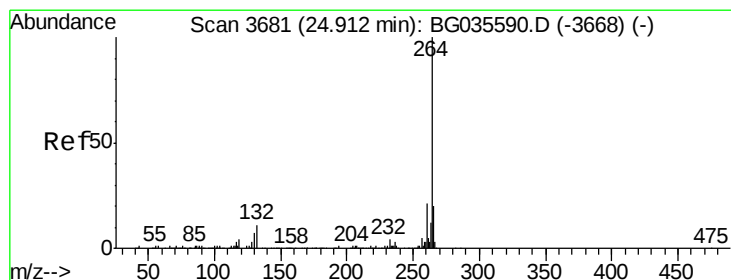
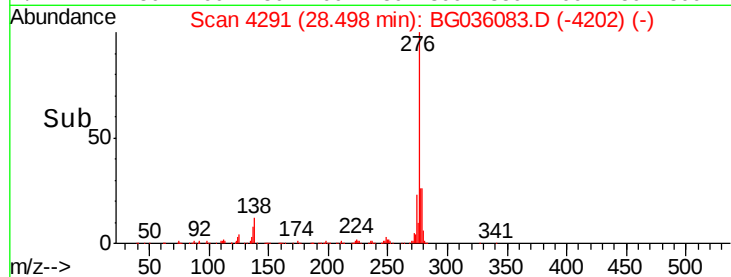
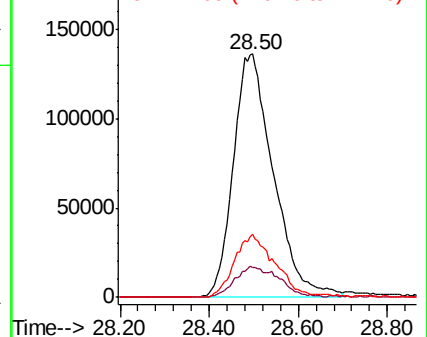
276 100

138 14.0 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: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

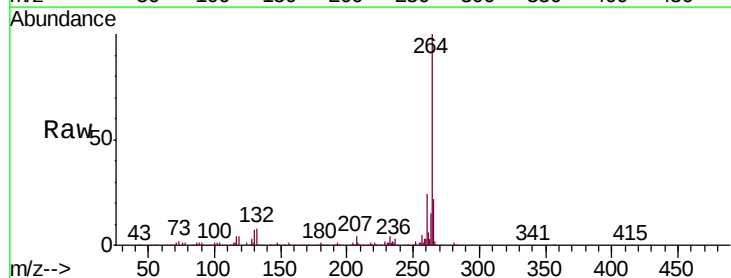
Tgt Ion:264 Resp: 263128

Ion Ratio Lower Upper

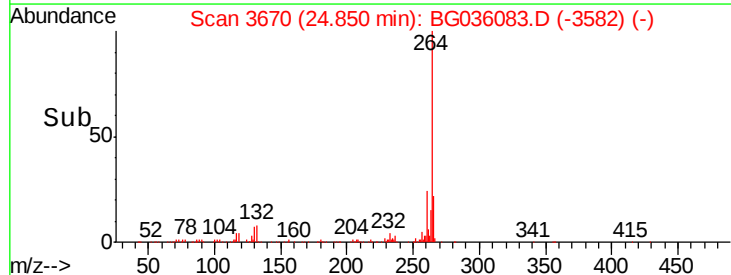
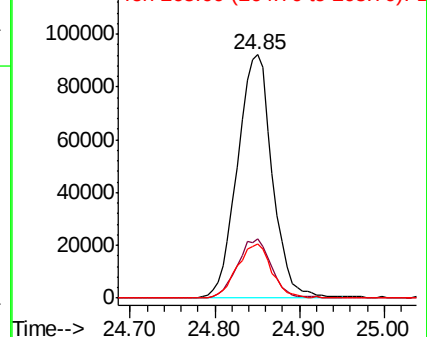
264 100

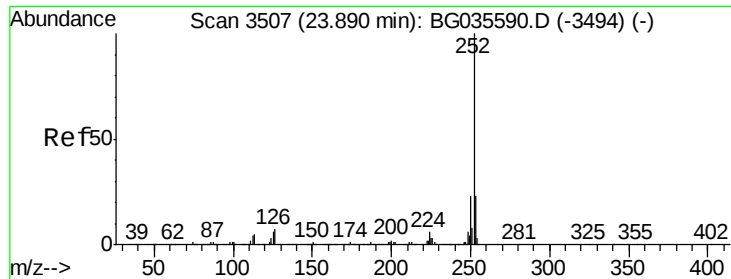
260 24.3 17.4 26.0

265 22.5 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

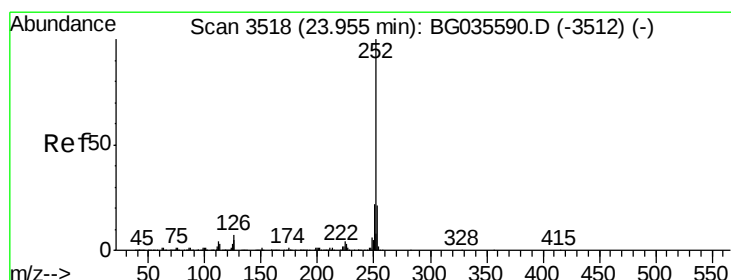
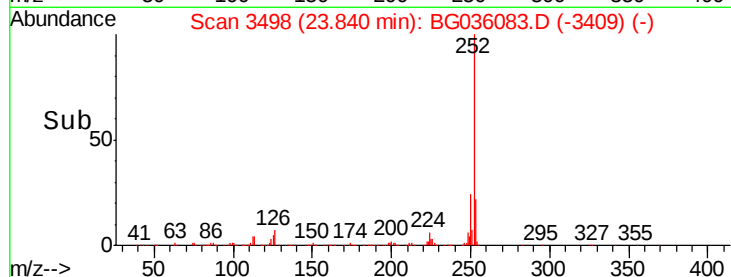
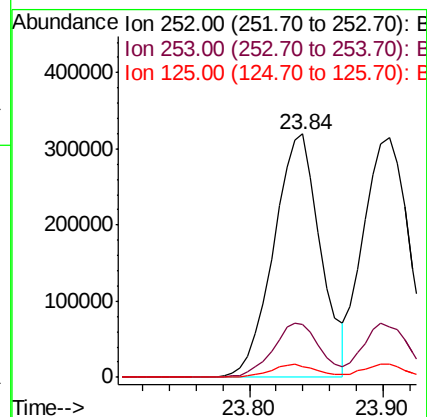
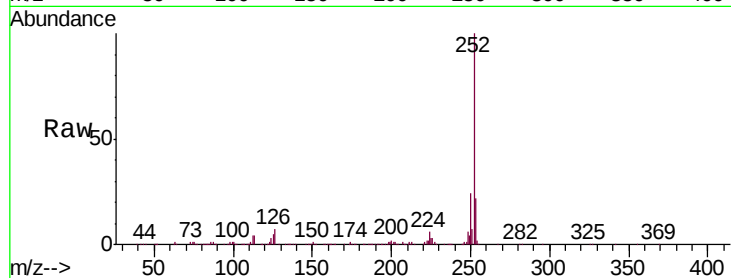




#87
Benzo(b)fluoranthene
Concen: 48.667 ng
RT: 23.84 min Scan# 3498
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

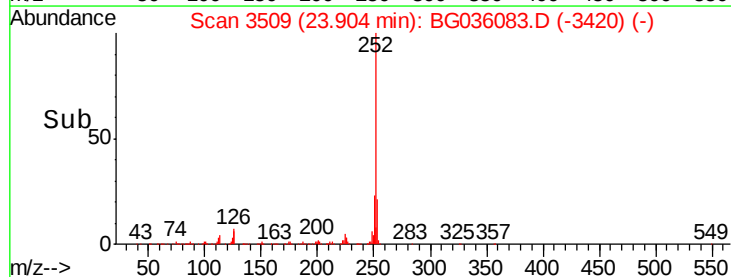
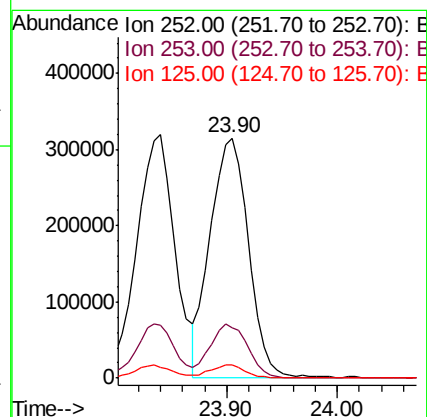
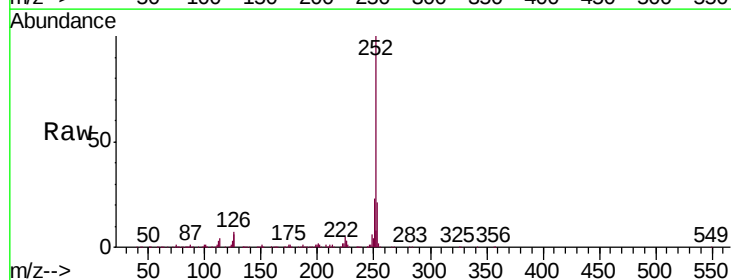
Instrument :
BNA_G
ClientSampleId :
PB111703BS

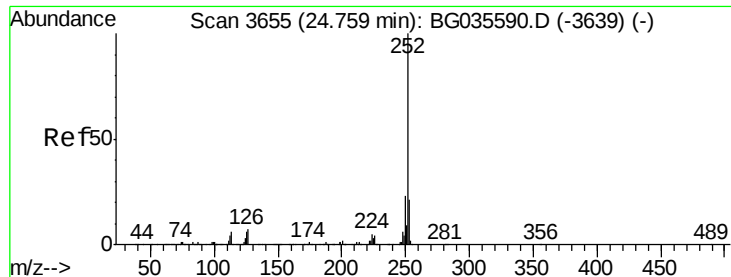
Tgt Ion:252 Resp: 778331
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 4.6 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 48.112 ng
RT: 23.90 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BG036083.D
Acq: 3 Aug 2018 7:11

Tgt Ion:252 Resp: 752247
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.2
125 5.8 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 50.506 ng

RT: 24.70 min Scan# 3644

Delta R.T. -0.01 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

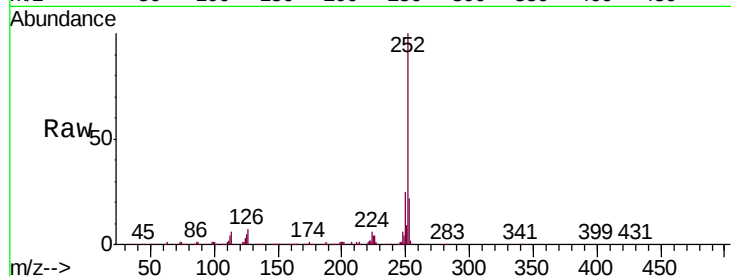
Tgt Ion:252 Resp: 751459

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

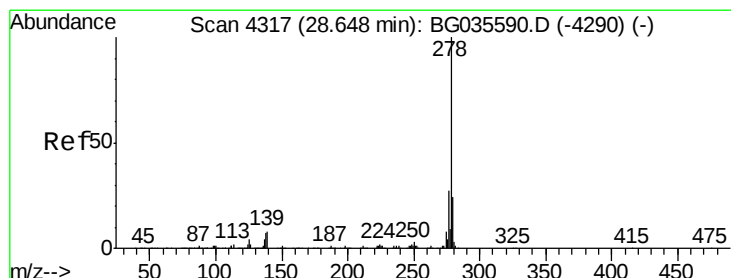
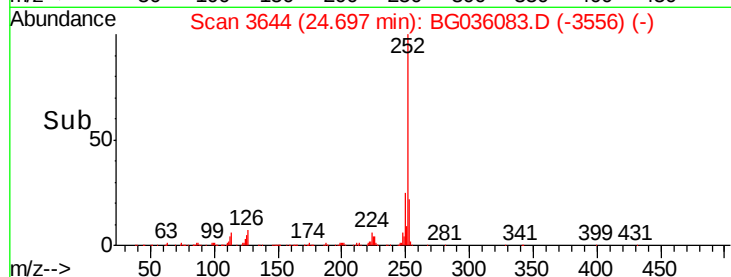
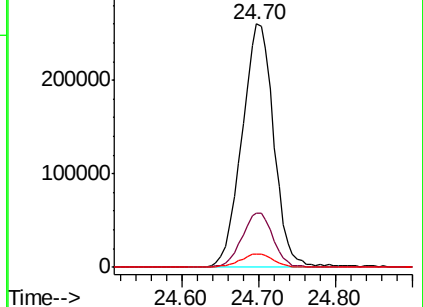
125 5.4 7.3 10.9#



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: 46.824 ng

RT: 28.55 min Scan# 4299

Delta R.T. -0.02 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

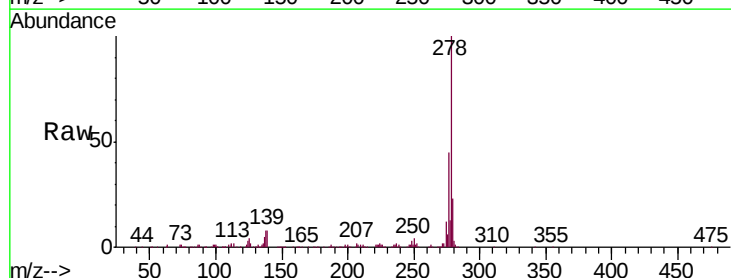
Tgt Ion:278 Resp: 683946

Ion Ratio Lower Upper

278 100

139 8.1 9.8 14.6#

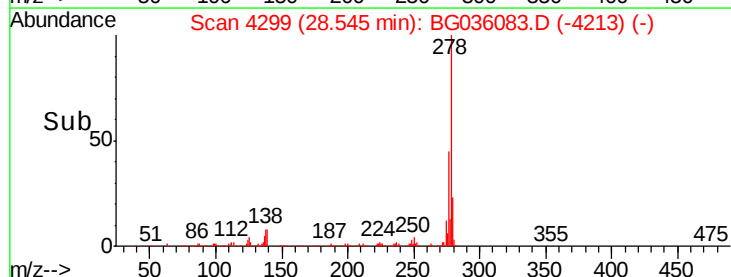
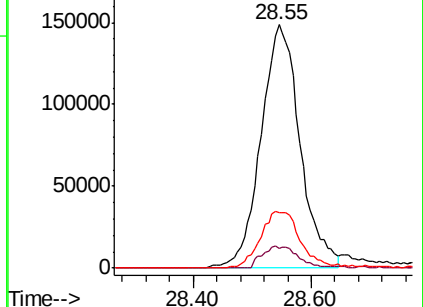
279 23.0 18.4 27.6

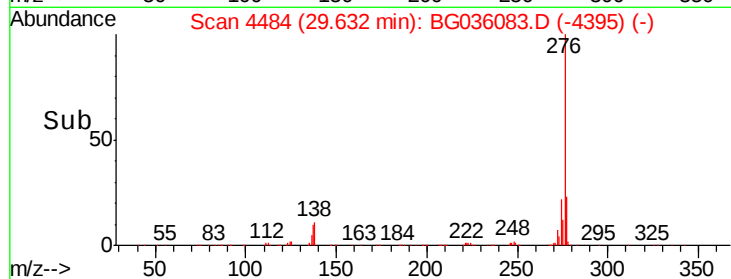
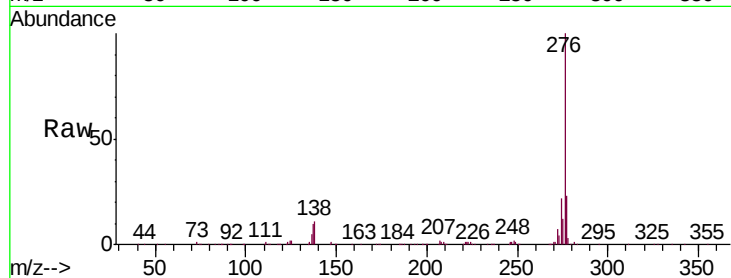
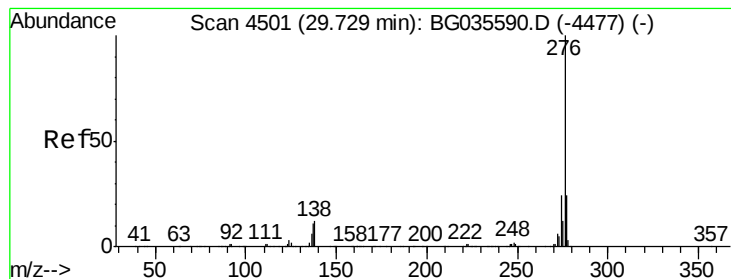


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 49.009 ng

RT: 29.63 min Scan# 4484

Delta R.T. -0.00 min

Lab File: BG036083.D

Acq: 3 Aug 2018 7:11

Instrument :

BNA_G

ClientSampleId :

PB111703BS

Tgt Ion: 276 Resp: 700516

Ion Ratio Lower Upper

276 100

277 23.3 18.3 27.5

138 11.4 13.9 20.9#

