

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
 Data File : BG036682.D
 Acq On : 12 Sep 2018 21:01
 Operator : JU/SJ
 Sample : PB112784BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112784BS

Quant Time: Sep 13 01:12:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56312	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	244802	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	165965	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	404221	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	412635	20.00	ng	-0.01
86) Perylene-d12	24.89	264	426067	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	411475	115.91	ng	0.00
7) Phenol-d6	7.21	99	574897	113.11	ng	0.00
23) Nitrobenzene-d5	9.22	82	347427	77.00	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	239221	120.80	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	834407	71.79	ng	-0.01
78) Terphenyl-d14	20.03	244	1343648	76.11	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	48759	29.431	ng	97
3) Pyridine	3.92	79	147948	31.815	ng	98
4) n-Nitrosodimethylamine	3.84	42	80997	39.106	ng	91
6) Aniline	7.38	93	102686	15.917	ng	98
8) 2-Chlorophenol	7.62	128	165346	42.951	ng	96
9) Benzaldehyde	7.19	77	85793	24.512	ng	97
10) Phenol	7.24	94	234895	44.163	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	157382	37.323	ng	98
12) 1,3-Dichlorobenzene	7.94	146	165171	37.575	ng	99
13) 1,4-Dichlorobenzene	8.09	146	168159	37.890	ng	99
14) 1,2-Dichlorobenzene	8.41	146	161067	38.001	ng	96
15) Benzyl Alcohol	8.29	79	165375	40.362	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	310712	36.538	ng	99
17) 2-Methylphenol	8.49	107	156327	44.263	ng	98
18) Hexachloroethane	9.13	117	60802	38.211	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	137257	36.134	ng	94
20) 3+4-Methylphenols	8.82	107	221104	44.841	ng	99
22) Acetophenone	8.88	105	256036	39.829	ng	# 99
24) Nitrobenzene	9.26	77	207459	42.640	ng	95
25) Isophorone	9.78	82	390315	43.547	ng	98
26) 2-Nitrophenol	9.97	139	92303	47.876	ng	97
27) 2,4-Dimethylphenol	10.02	122	173908	48.722	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	229900	41.793	ng	98
29) 2,4-Dichlorophenol	10.50	162	186109	47.575	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	187360	40.941	ng	95
31) Naphthalene	10.91	128	534631	43.688	ng	99
32) Benzoic acid	10.14	122	63699	26.304	ng	95
33) 4-Chloroaniline	11.01	127	60891	10.858	ng	98
34) Hexachlorobutadiene	11.19	225	126494	41.140	ng	97
35) Caprolactam	11.79	113	64491	41.384	ng	97
36) 4-Chloro-3-methylphenol	12.13	107	210882	46.394	ng	99
37) 2-Methylnaphthalene	12.51	142	415639	46.419	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	244496	41.628	ng	99
40) Hexachlorocyclopentadiene	12.85	237	283330	92.716	ng	96

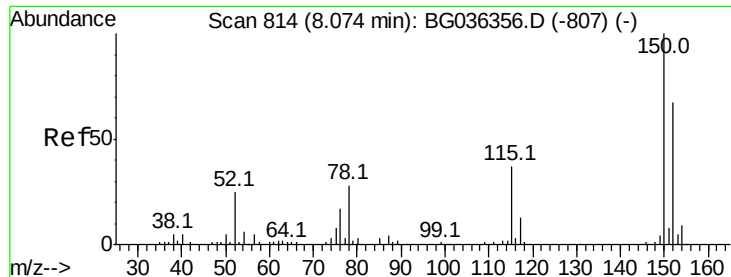
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
 Data File : BG036682.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	164729	46.043	ng	95
43) 2,4,5-Trichlorophenol	13.18	196	175316	45.942	ng	99
45) 1,1'-Biphenyl	13.51	154	546030	39.635	ng	99
46) 2-Chloronaphthalene	13.55	162	427153	40.615	ng	99
47) 2-Nitroaniline	13.75	65	147673	44.715	ng	98
48) Acenaphthylene	14.40	152	720498	43.835	ng	99
49) Dimethylphthalate	14.13	163	572676	42.258	ng	98
50) 2,6-Dinitrotoluene	14.25	165	125705	45.078	ng	98
51) Acenaphthene	14.75	154	444276	42.205	ng	99
52) 3-Nitroaniline	14.57	138	60707	20.201	ng	97
53) 2,4-Dinitrophenol	14.78	184	38888	36.816	ng	93
54) Dibenzofuran	15.07	168	681112	41.300	ng	99
55) 4-Nitrophenol	14.88	139	164646	67.009	ng	97
56) 2,4-Dinitrotoluene	15.03	165	171557	47.204	ng	91
57) Fluorene	15.73	166	548894	44.522	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	169141	47.176	ng	96
59) Diethylphthalate	15.49	149	560061	41.007	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	314327	41.289	ng	98
61) 4-Nitroaniline	15.74	138	130057	41.358	ng	95
62) Azobenzene	16.01	77	555359	39.965	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	54961	30.952	ng	97
65) n-Nitrosodiphenylamine	15.93	169	498295	41.487	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	204558	43.223	ng	100
67) Hexachlorobenzene	16.73	284	207785	42.937	ng	98
68) Atrazine	16.88	200	207141	45.947	ng	99
69) Pentachlorophenol	17.07	266	202751	61.646	ng	96
70) Phenanthrene	17.47	178	891361	43.397	ng	98
71) Anthracene	17.55	178	905799	44.241	ng	99
72) Carbazole	17.82	167	792876	38.776	ng	99
73) Di-n-butylphthalate	18.38	149	890063	39.090	ng	99
74) Fluoranthene	19.47	202	1090840	43.560	ng	99
76) Benzidine	19.65	184	220065	16.716	ng	99
77) Pyrene	19.83	202	1087069	42.841	ng	99
79) Butylbenzylphthalate	20.71	149	429057	42.488	ng	93
80) Benzo(a)anthracene	21.67	228	1099411	43.980	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	166615	16.724	ng	99
82) Chrysene	21.73	228	1022209	43.141	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	590073	41.757	ng	99
84) Di-n-octyl phthalate	22.78	149	991795	42.019	ng	97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1058132	38.448	ng	97
87) Benzo(b)fluoranthene	23.88	252	1098771	46.441	ng	96
88) Benzo(k)fluoranthene	23.94	252	1052663	45.542	ng	98
89) Benzo(a)pyrene	24.74	252	1046109	46.013	ng	100
90) Dibenzo(a,h)anthracene	28.60	278	784791	35.756	ng	97
91) Benzo(g,h,i)perylene	29.67	276	884762	40.114	ng	97

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

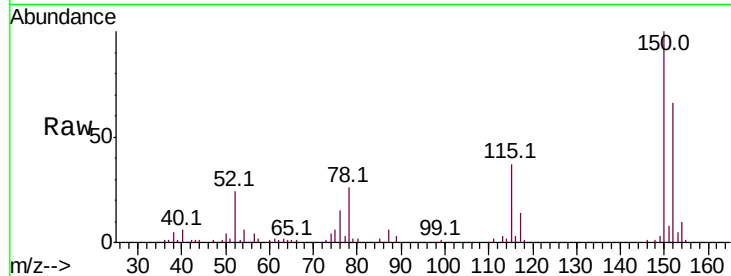


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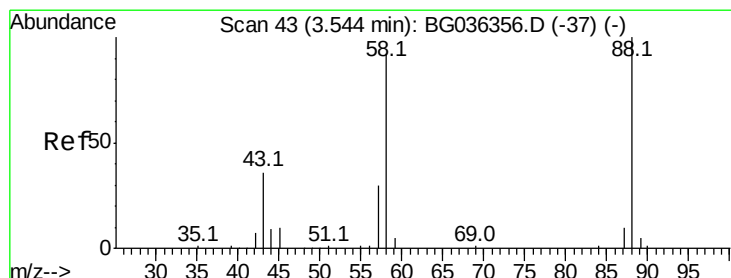
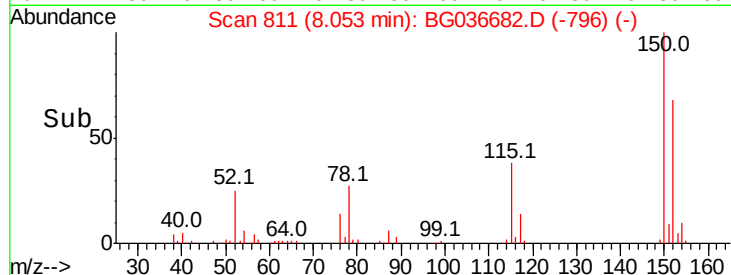
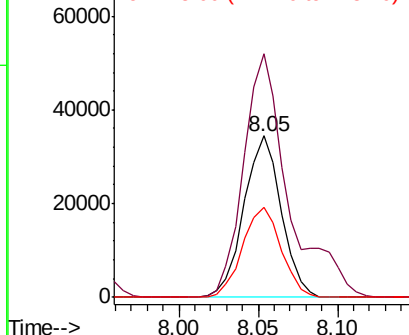
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Instrument :
BNA_G
ClientSampleId :
PB112784BS

Tot Ion:152 Resp: 56312
Ion Ratio Lower Upper
152 100
150 150.7 119.5 179.3
115 55.8 44.5 66.7



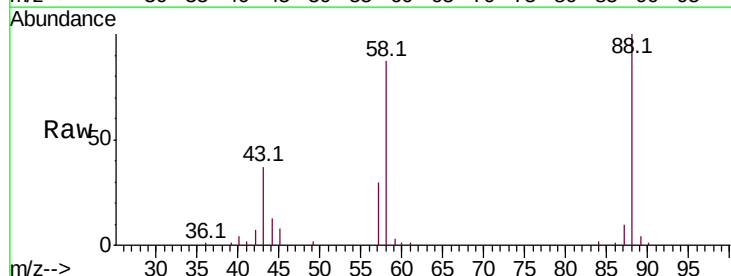
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



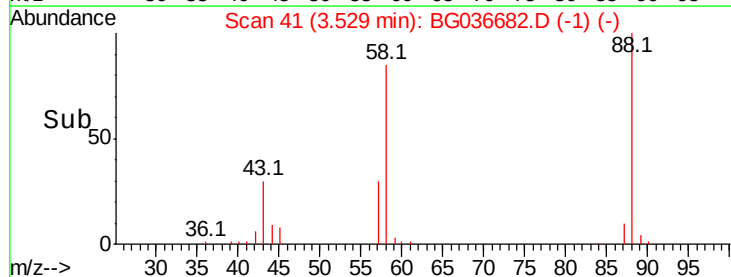
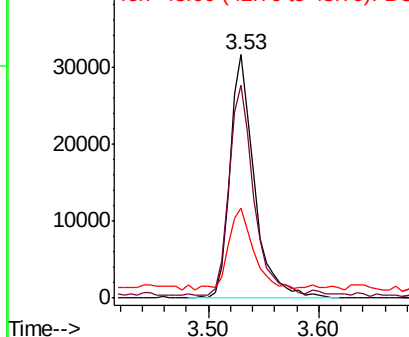
#2

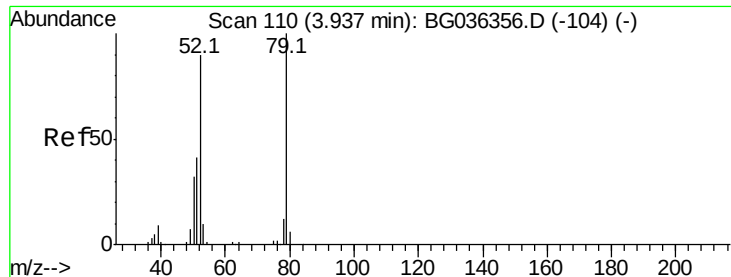
1,4-Dioxane
Concen: 29.431 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Tgt Ion: 88 Resp: 48759
Ion Ratio Lower Upper
88 100
58 87.0 72.6 109.0
43 34.9 29.0 43.4



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





#3

Pvridine

Concen: 31.815 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

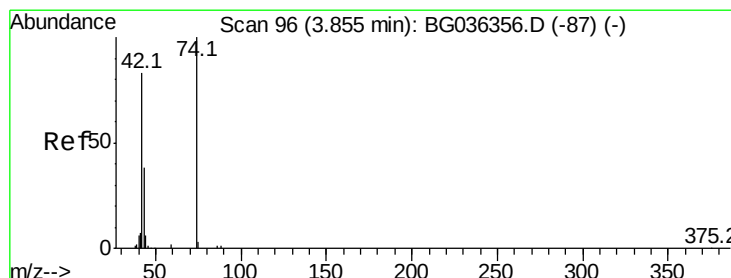
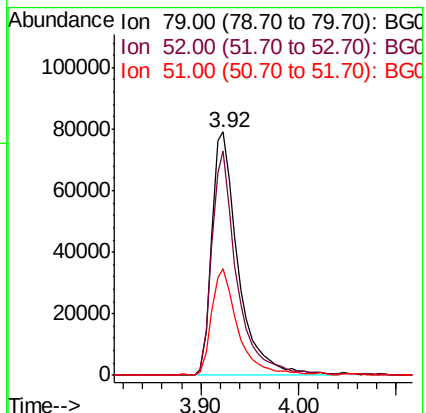
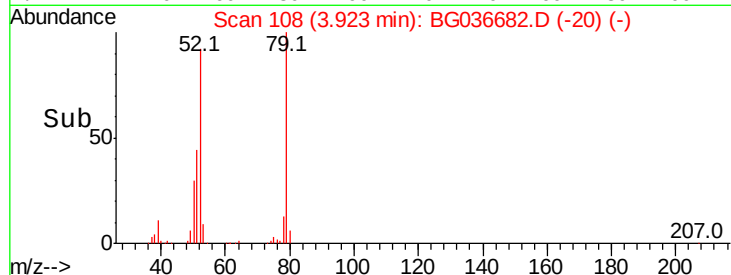
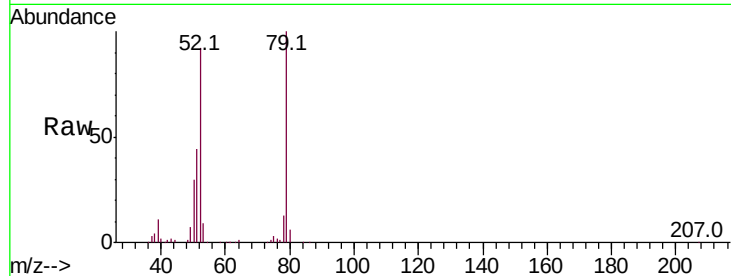
Tot Ion: 79 Resp: 147948

Ion Ratio Lower Upper

79 100

52 92.1 72.3 108.5

51 44.1 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 39.106 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

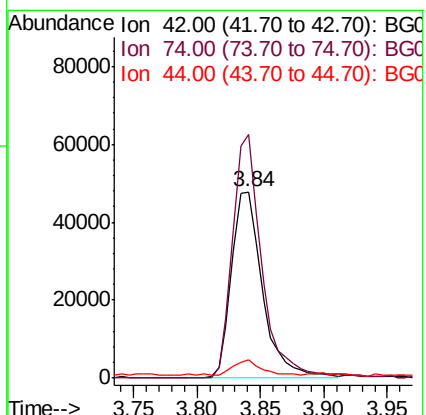
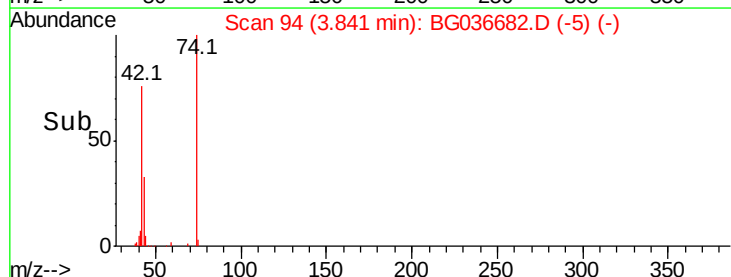
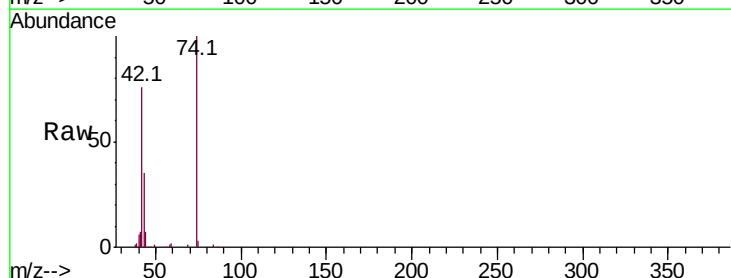
Tgt Ion: 42 Resp: 80997

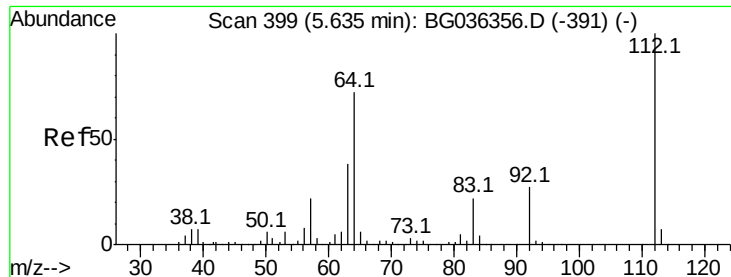
Ion Ratio Lower Upper

42 100

74 130.8 96.6 145.0

44 9.7 7.0 10.4





#5

2-Fluorophenol

Concen: 115.911 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

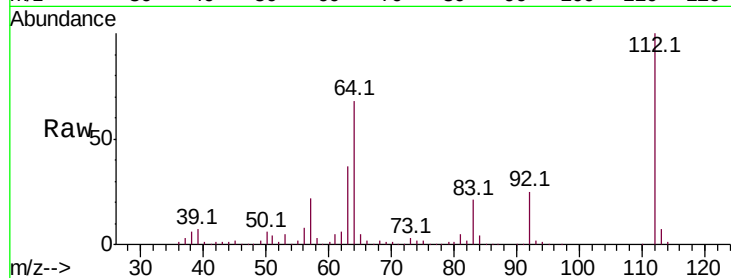
Tot Ion:112 Resp: 411475

Ion Ratio Lower Upper

112 100

64 67.9 57.2 85.8

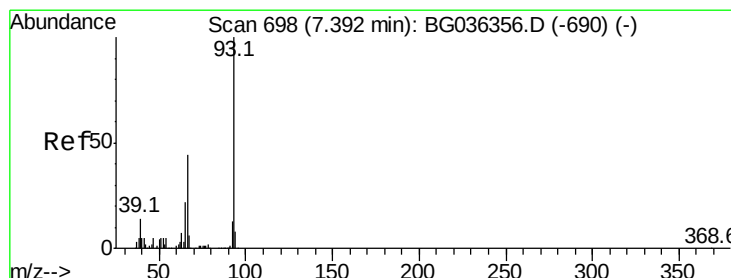
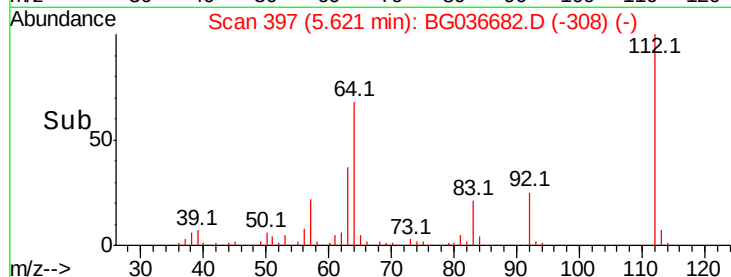
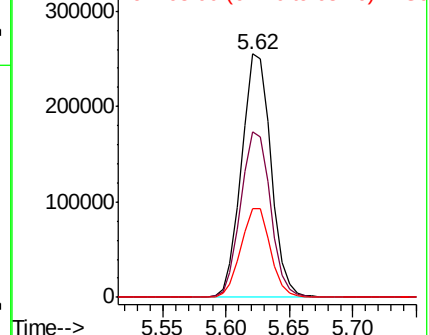
63 36.7 30.8 46.2



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: 15.917 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

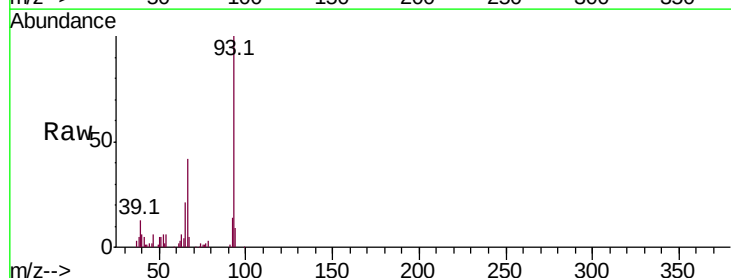
Tgt Ion: 93 Resp: 102686

Ion Ratio Lower Upper

93 100

66 42.2 35.0 52.4

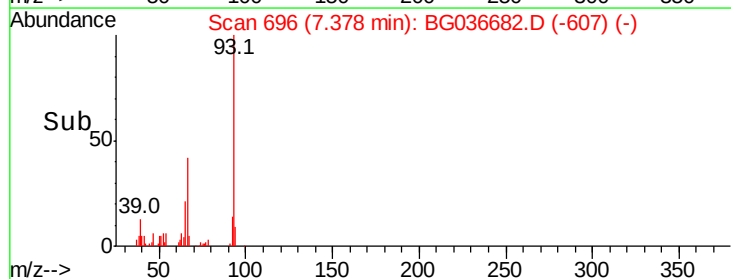
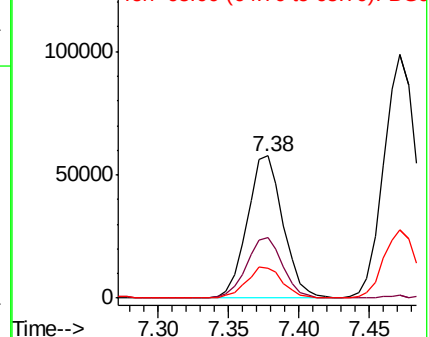
65 21.0 17.6 26.4

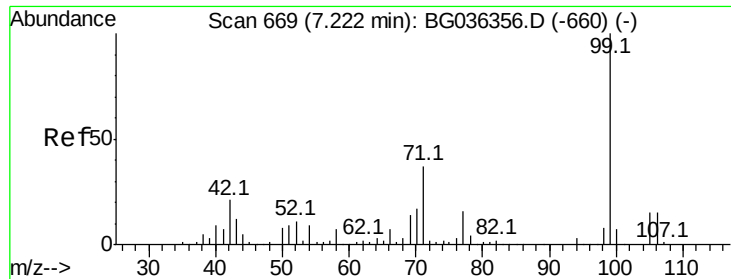


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.111 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

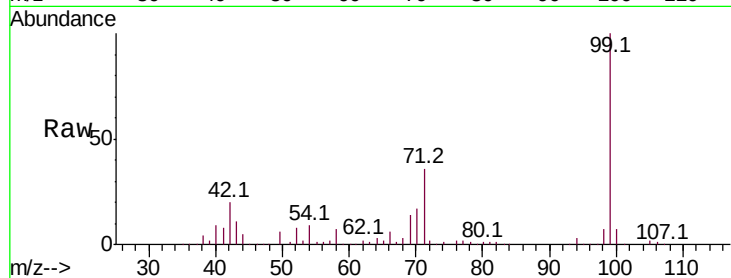
Tot Ion: 99 Resp: 574897

Ion Ratio Lower Upper

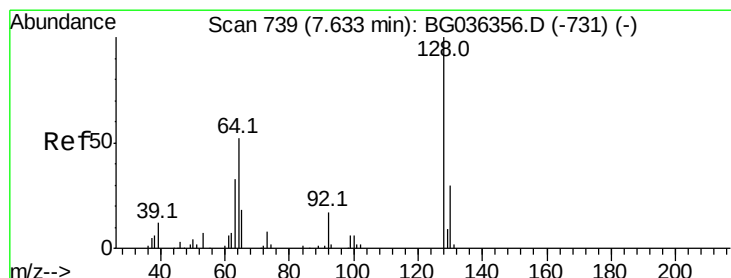
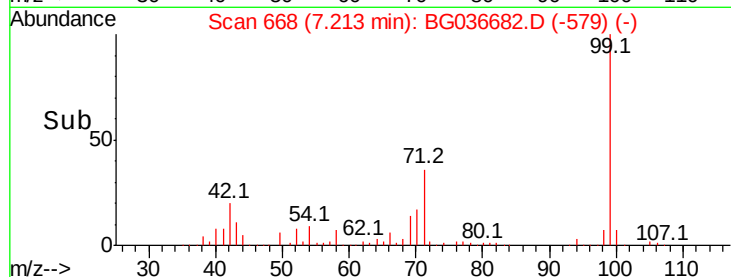
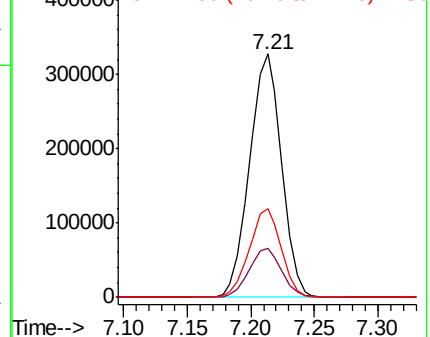
99 100

42 20.3 16.5 24.7

71 36.5 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.951 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

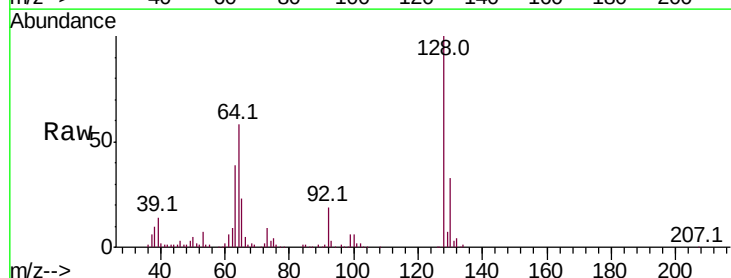
Tgt Ion:128 Resp: 165346

Ion Ratio Lower Upper

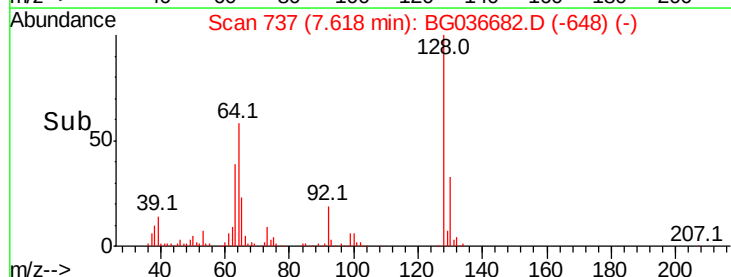
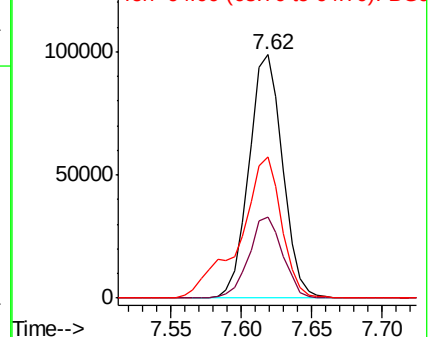
128 100

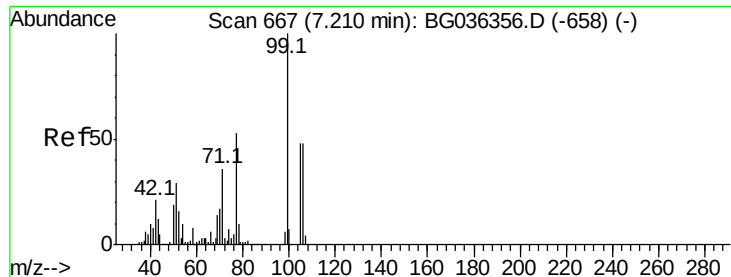
130 33.2 10.0 50.0

64 57.8 36.0 76.0



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





#9

Benzaldehyde

Concen: 24.512 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

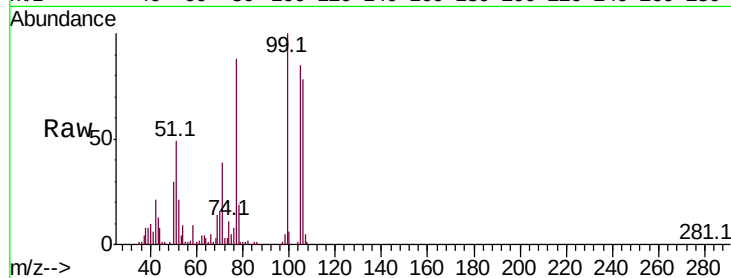
Tot Ion: 77 Resp: 85793

Ion Ratio Lower Upper

77 100

105 95.9 70.5 110.5

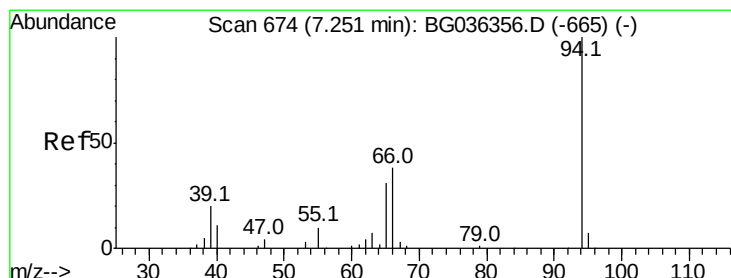
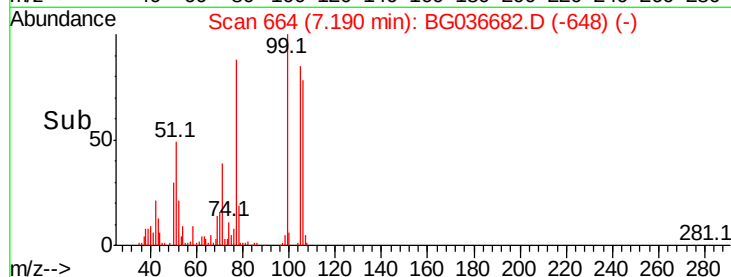
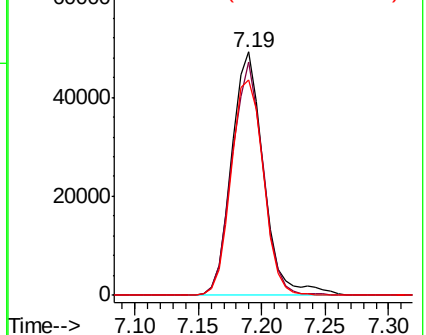
106 88.7 69.8 109.8



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: 44.163 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

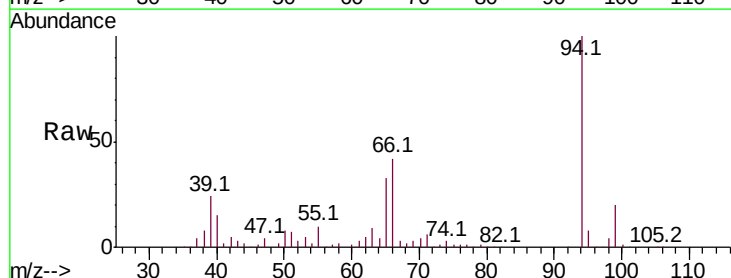
Tgt Ion: 94 Resp: 234895

Ion Ratio Lower Upper

94 100

65 32.7 11.5 51.5

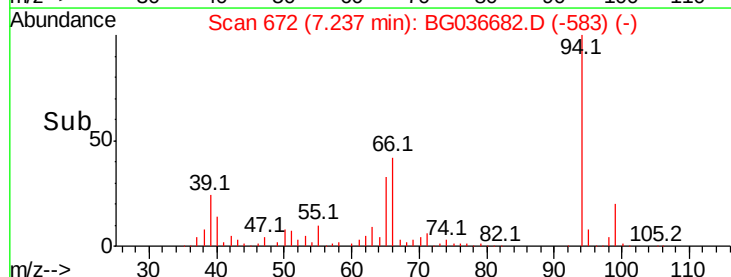
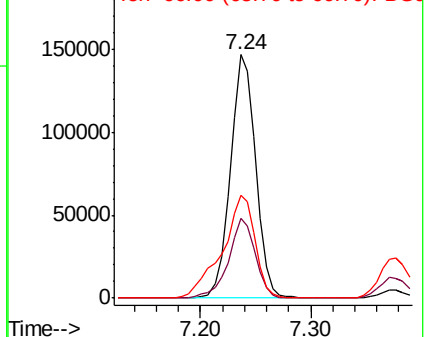
66 42.3 19.5 59.5

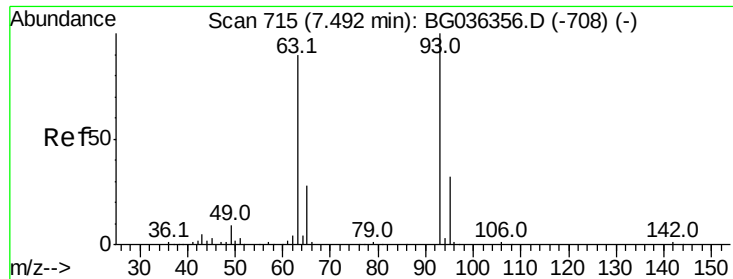


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.323 ng

RT: 7.47 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

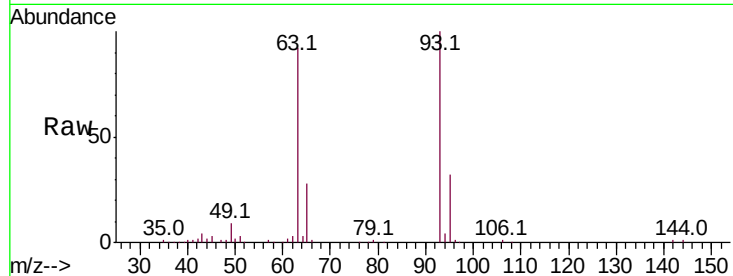
Tot Ion: 93 Resp: 157382

Ion Ratio Lower Upper

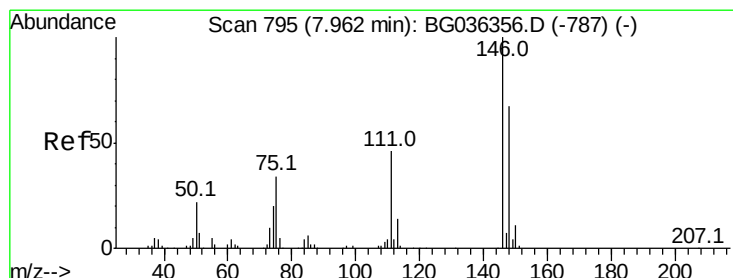
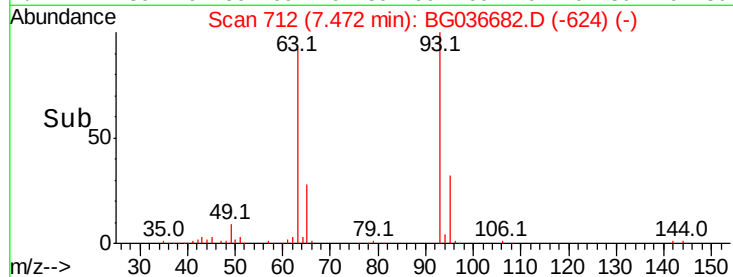
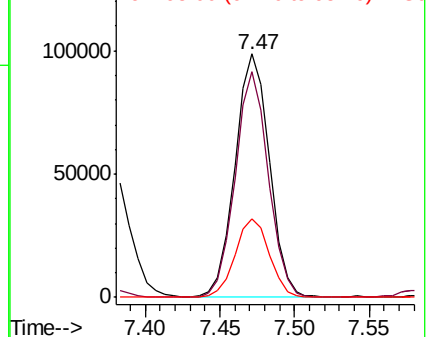
93 100

63 92.5 69.9 109.9

95 32.0 11.7 51.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 37.575 ng

RT: 7.94 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

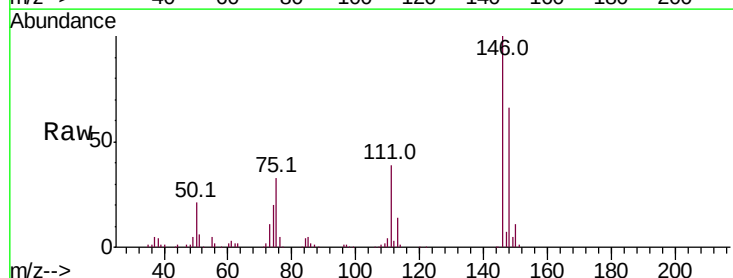
Tgt Ion: 146 Resp: 165171

Ion Ratio Lower Upper

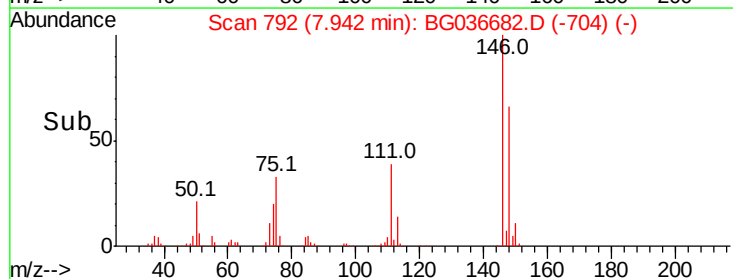
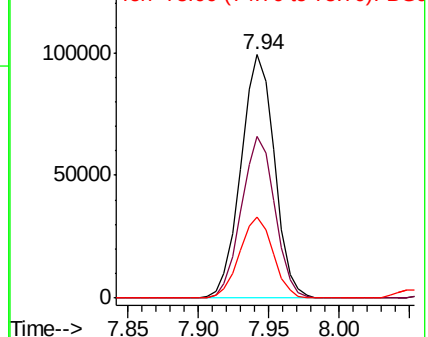
146 100

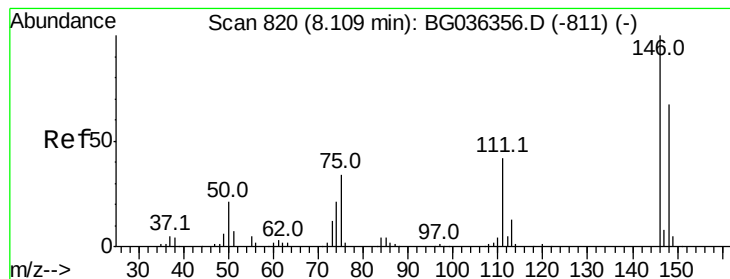
148 66.3 53.8 80.6

75 33.2 27.2 40.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 37.890 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

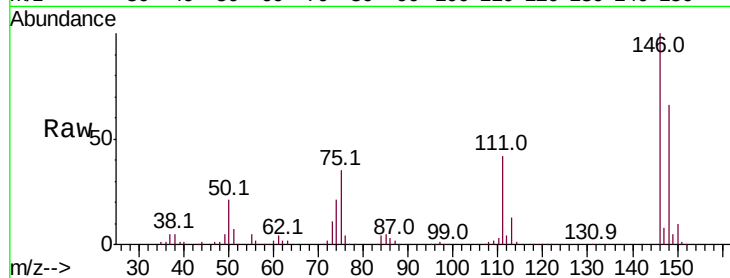
Tot Ion:146 Resp: 168159

Ion Ratio Lower Upper

146 100

148 66.2 53.9 80.9

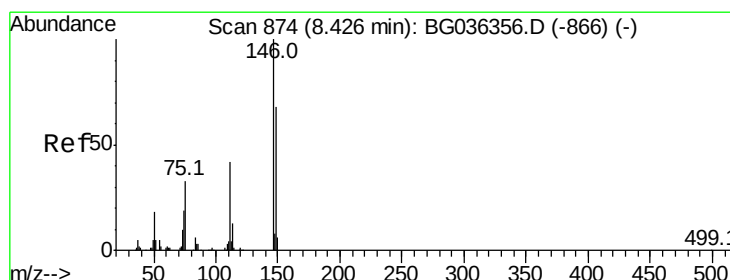
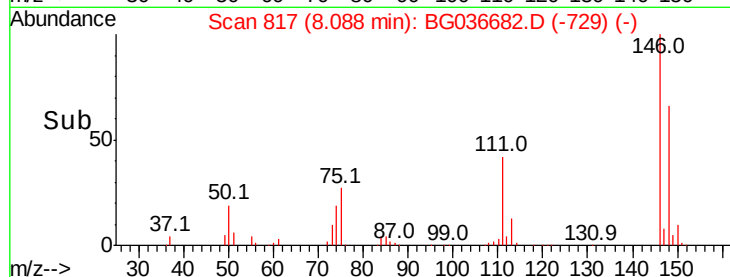
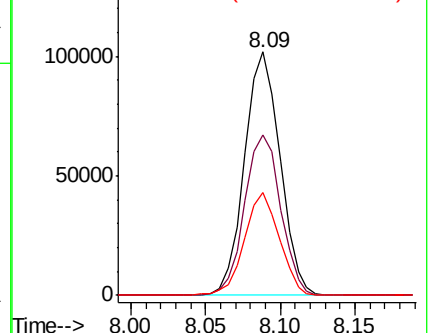
111 42.0 33.8 50.6



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: 38.001 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

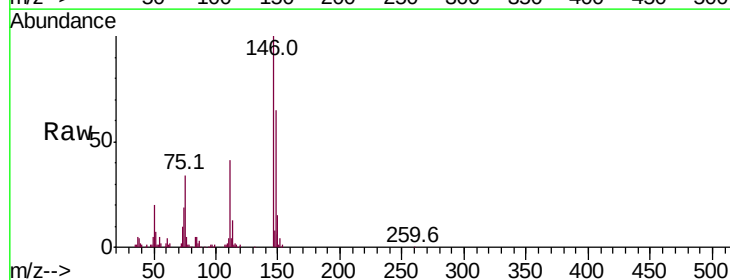
Tgt Ion:146 Resp: 161067

Ion Ratio Lower Upper

146 100

148 64.7 55.0 82.6

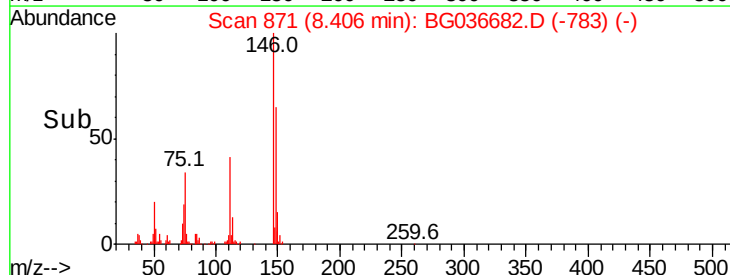
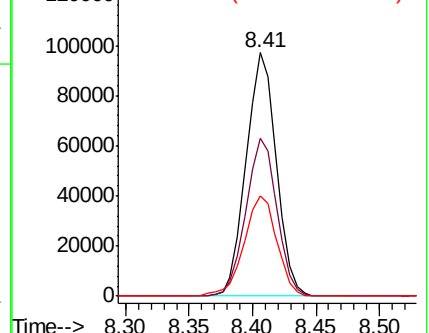
111 41.1 34.6 51.8

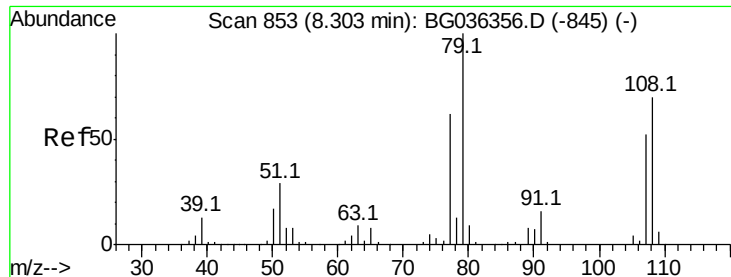


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.362 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

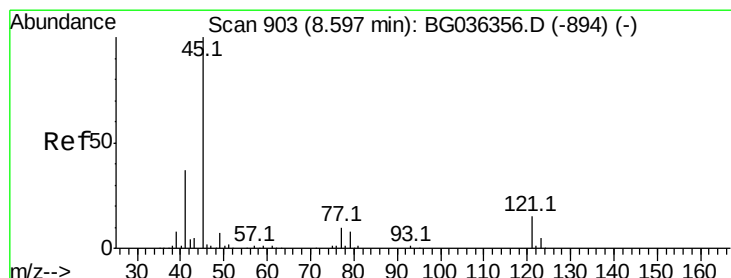
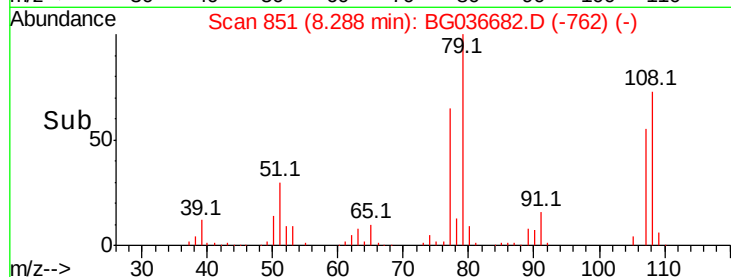
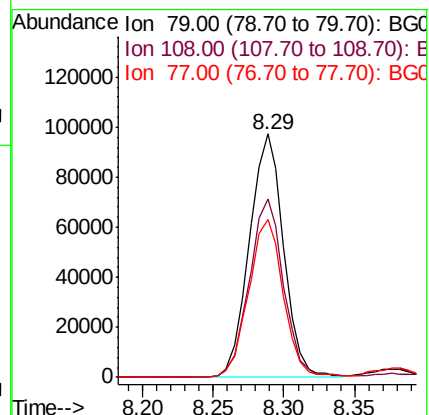
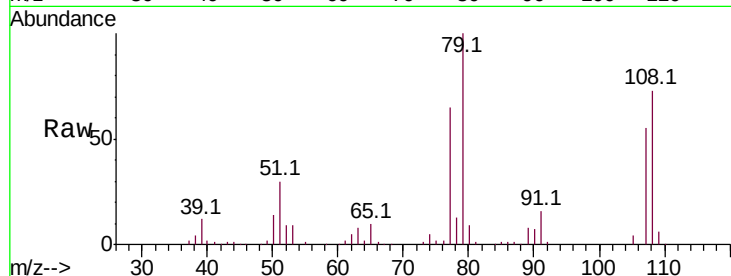
Tot Ion: 79 Resp: 165375

Ion Ratio Lower Upper

79 100

108 73.4 55.9 83.9

77 64.9 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.538 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

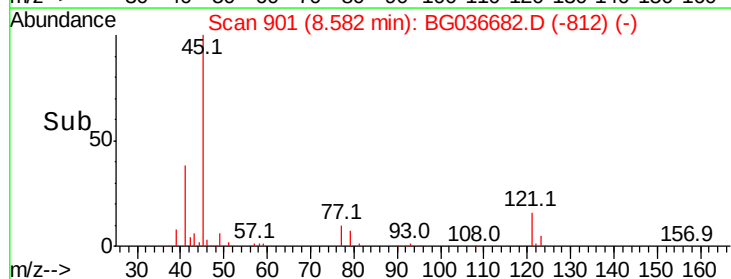
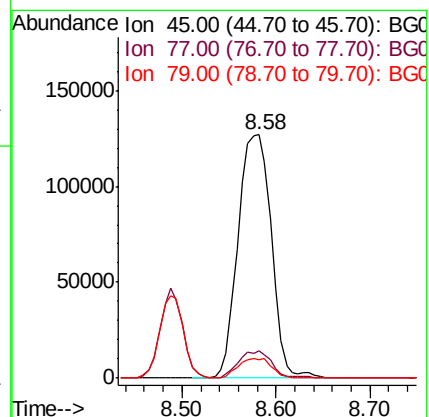
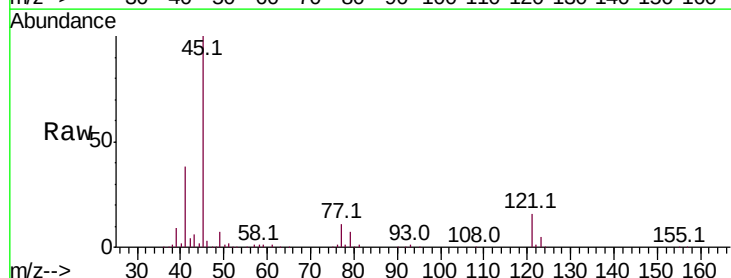
Tgt Ion: 45 Resp: 310712

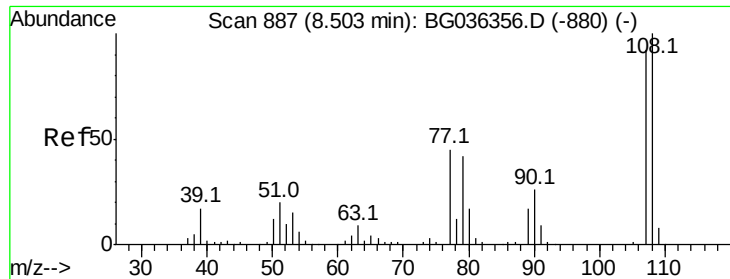
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.5

79 7.5 0.0 27.9

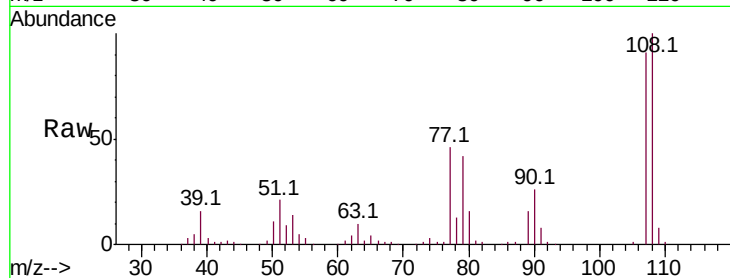




#17
2-Methylphenol
Concen: 44.263 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Instrument :
BNA_G
ClientSampleId :
PB112784BS

Tot Ion:	107	Resp:	156327
Ion	Ratio	Lower	Upper
107	100		
108	109.9	86.7	130.1
77	50.7	39.0	58.4
79	46.5	36.6	54.8



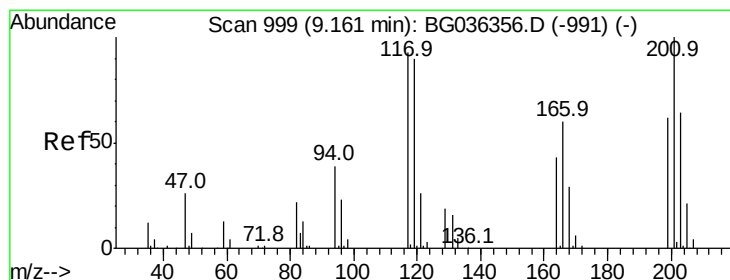
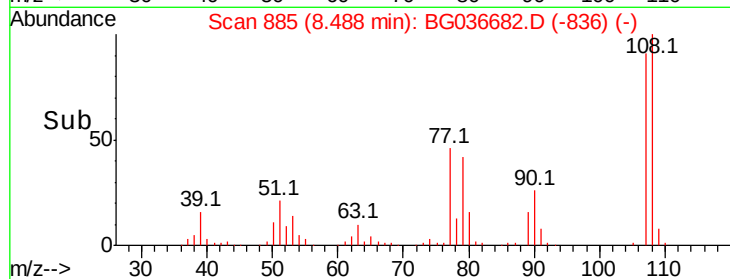
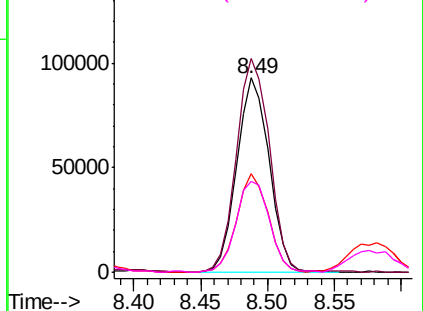
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

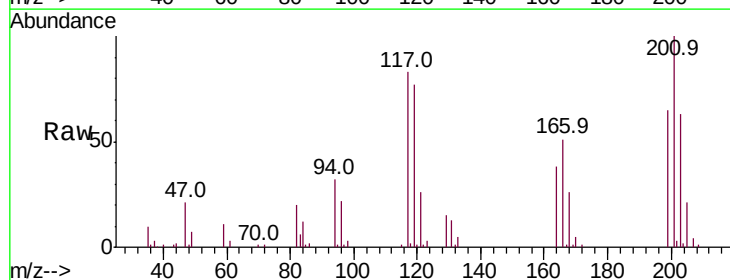
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.211 ng
RT: 9.13 min Scan# 995
Delta R.T. -0.02 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Tgt Ion:	117	Resp:	60802
Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.8	115.2
201	120.7	85.7	128.5

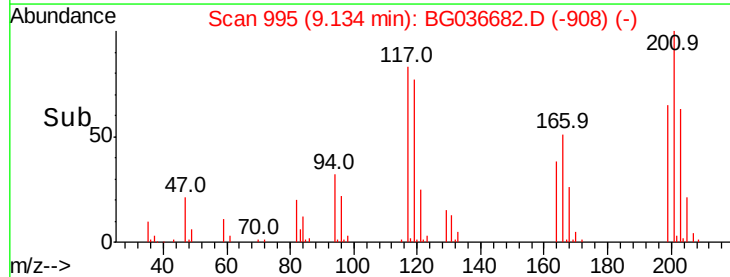
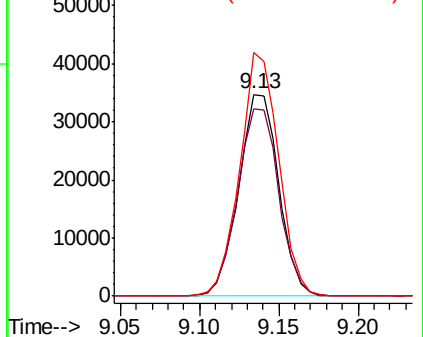


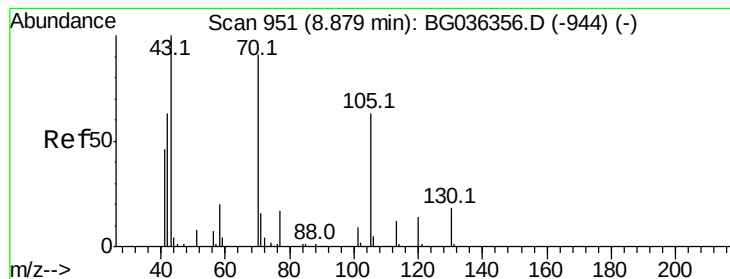
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.134 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

Tot Ion: 70 Resp: 137257

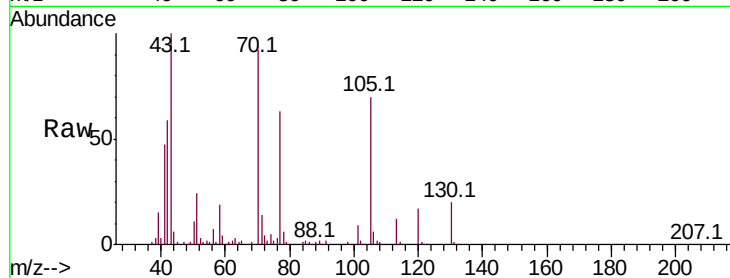
Ion Ratio Lower Upper

70 100

42 64.3 56.2 84.4

101 9.9 7.8 11.6

130 21.8 16.2 24.2

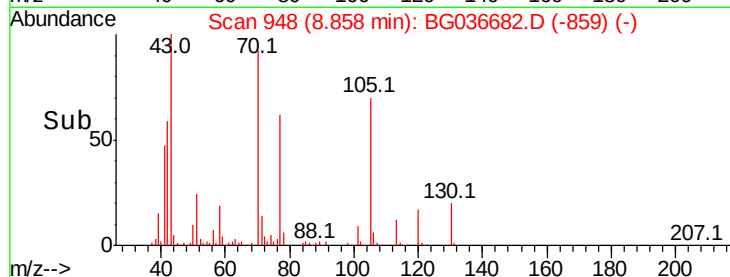
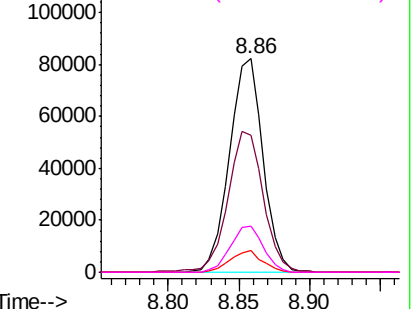


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 44.841 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Tgt Ion: 107 Resp: 221104

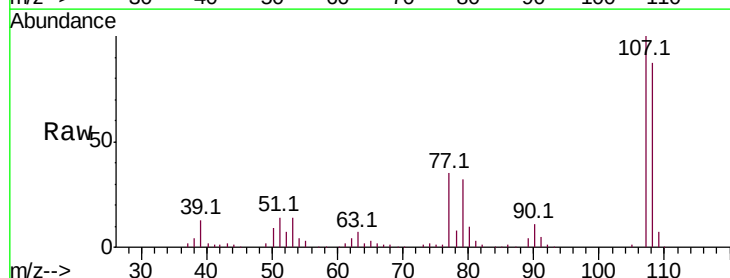
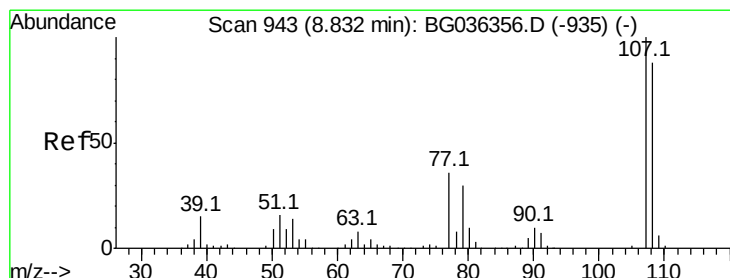
Ion Ratio Lower Upper

107 100

108 87.1 68.0 108.0

77 35.3 15.6 55.6

79 31.6 9.9 49.9

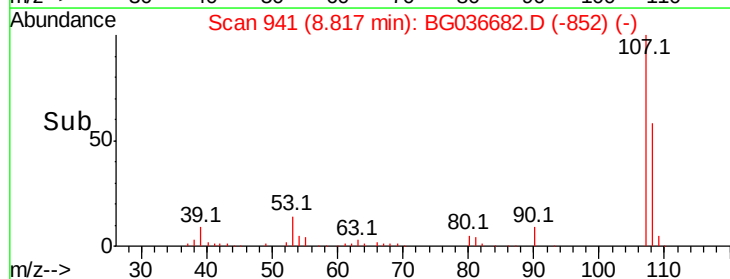
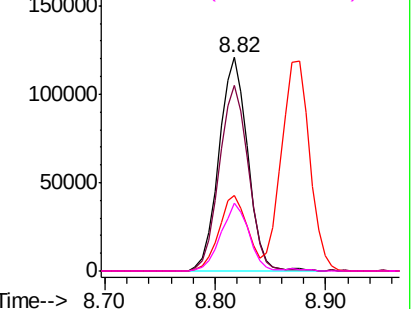


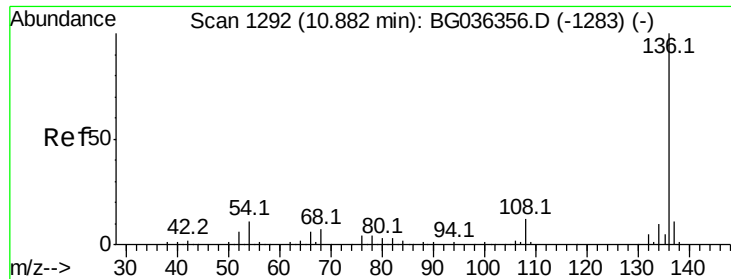
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

Tot Ion:136 Resp: 244802

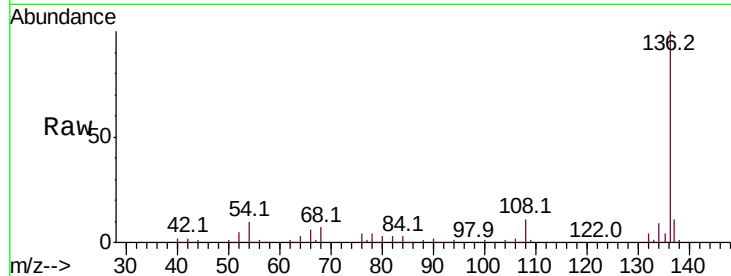
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.2 9.2 13.8

68 6.8 5.8 8.6

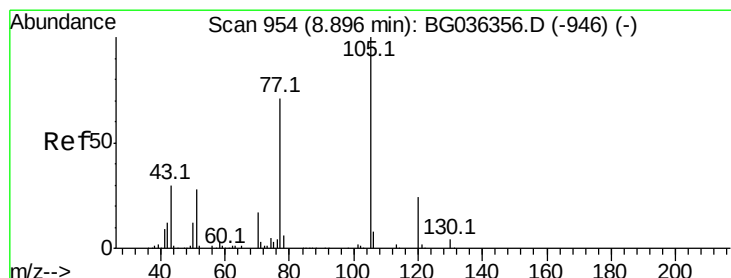
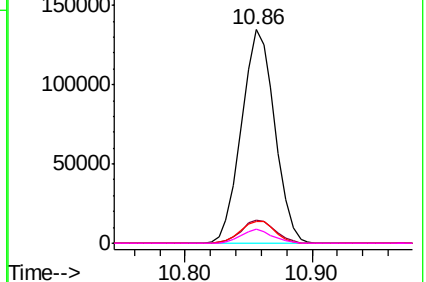
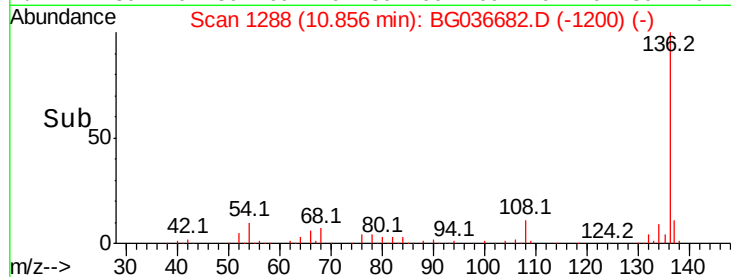


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.829 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Tgt Ion:105 Resp: 256036

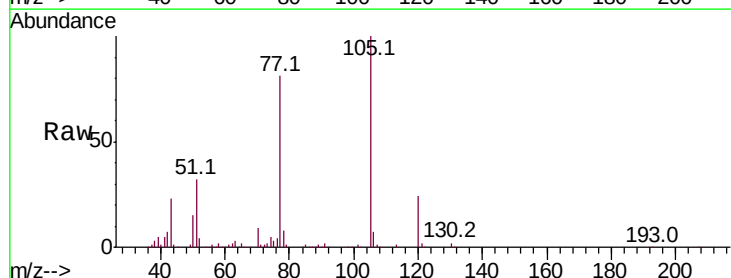
Ion Ratio Lower Upper

105 100

71 1.5 2.4 3.6#

51 31.9 25.9 38.9

120 23.6 19.4 29.0

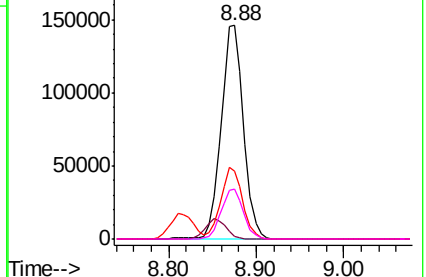
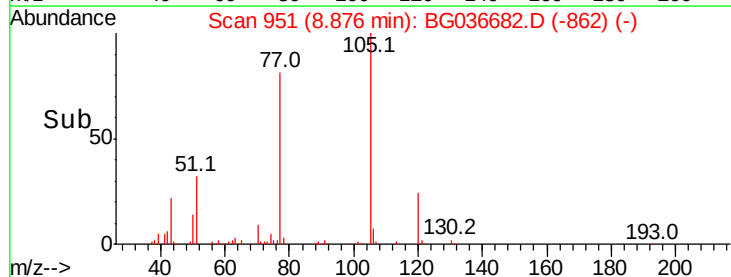


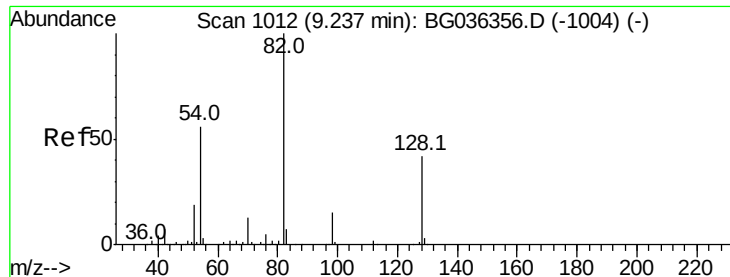
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

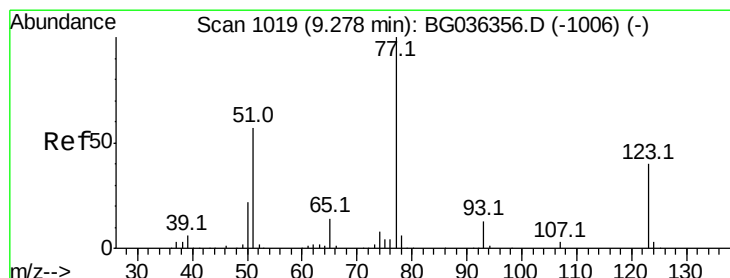
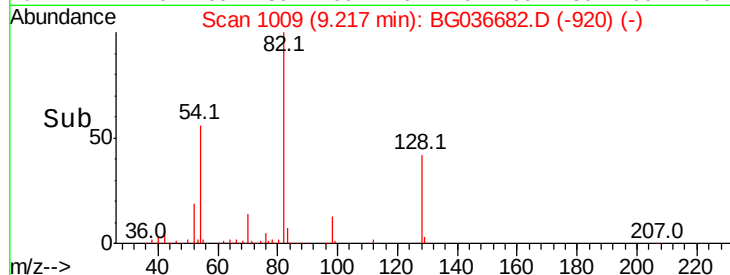
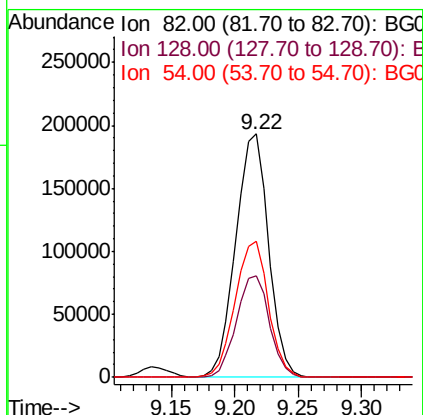
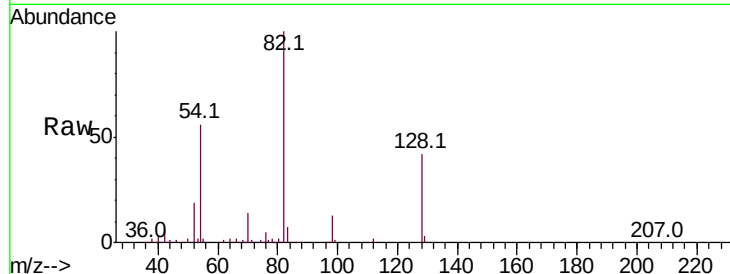




#23
Nitrobenzene-d5
Concen: 77.002 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

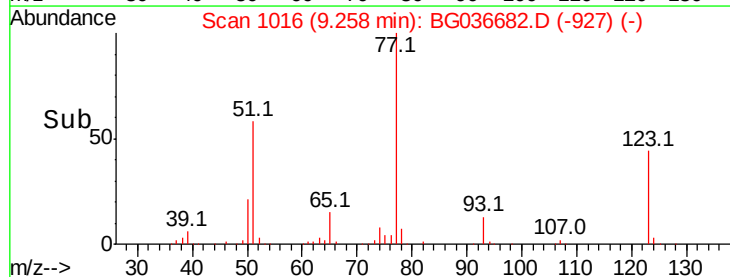
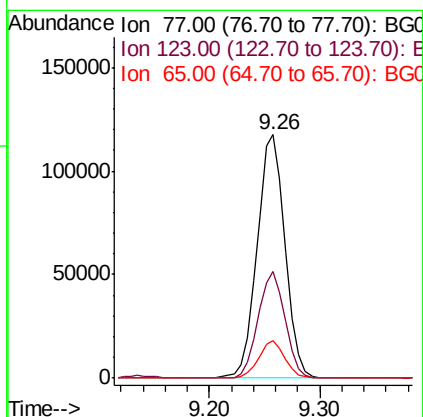
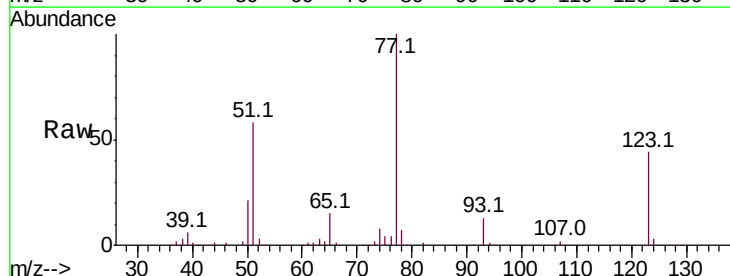
Instrument :
BNA_G
ClientSampleId :
PB112784BS

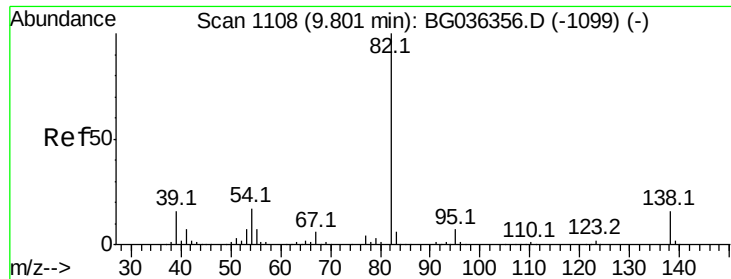
Tot Ion: 82 Resp: 347427
Ion Ratio Lower Upper
82 100
128 41.9 33.3 49.9
54 55.7 45.1 67.7



#24
Nitrobenzene
Concen: 42.640 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Tgt Ion: 77 Resp: 207459
Ion Ratio Lower Upper
77 100
123 44.0 32.4 48.6
65 15.2 11.5 17.3





#25

Isophorone

Concen: 43.547 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

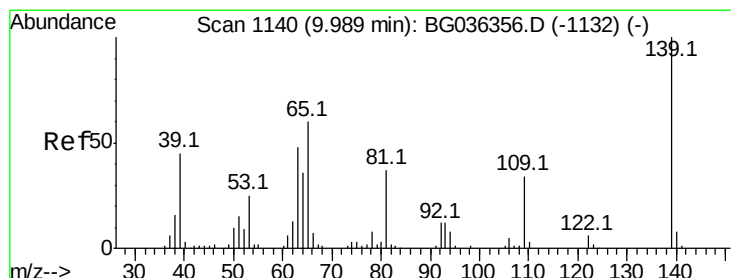
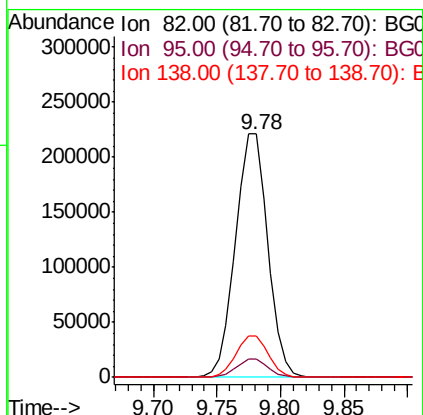
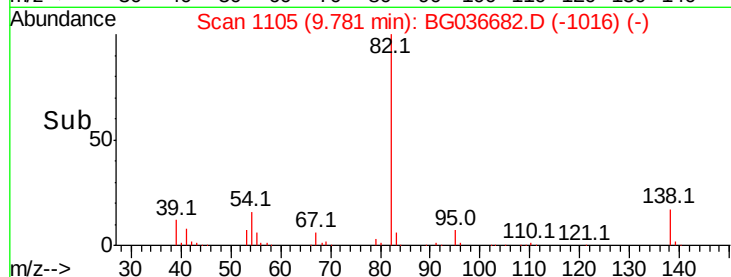
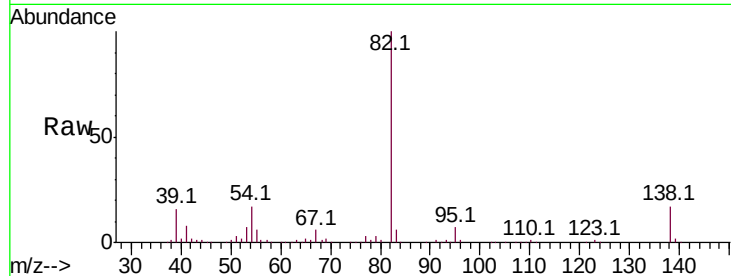
Tot Ion: 82 Resp: 390315

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.8

138 17.0 12.9 19.3



#26

2-Nitrophenol

Concen: 47.876 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

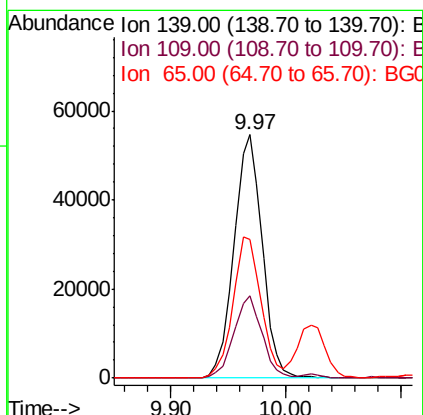
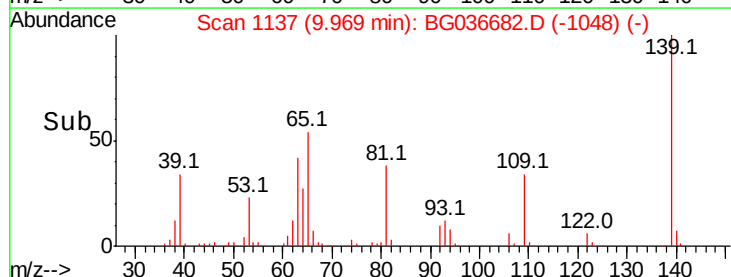
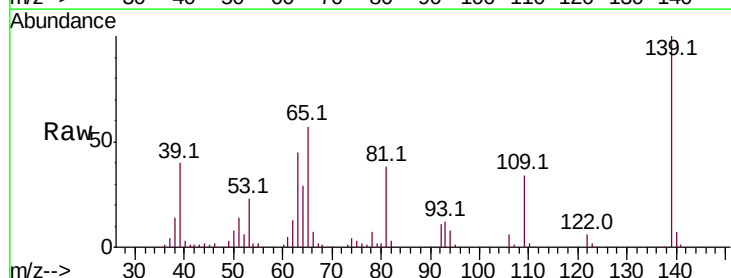
Tgt Ion: 139 Resp: 92303

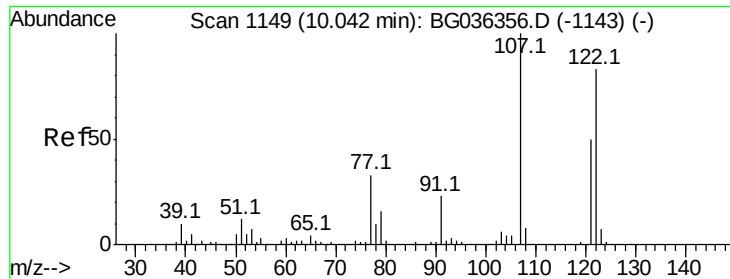
Ion Ratio Lower Upper

139 100

109 33.7 27.4 41.0

65 57.1 47.8 71.6

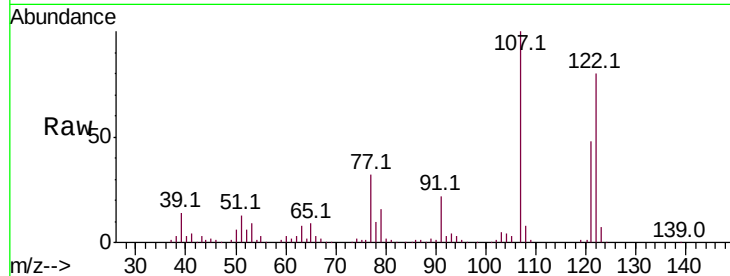




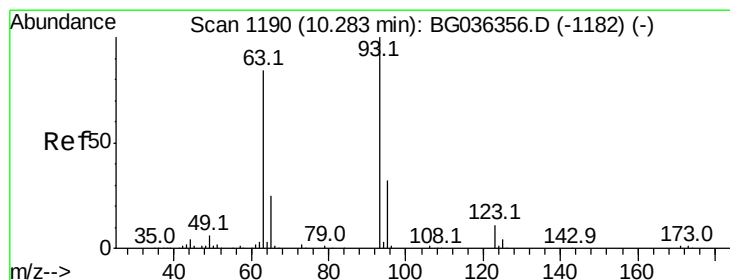
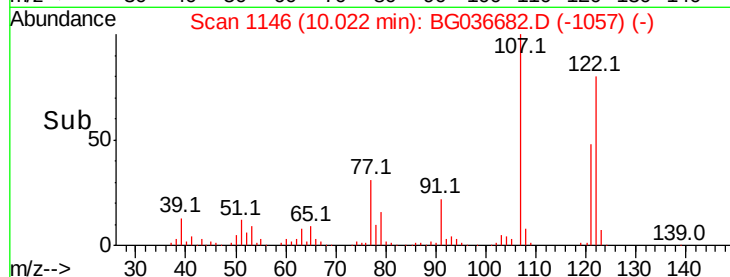
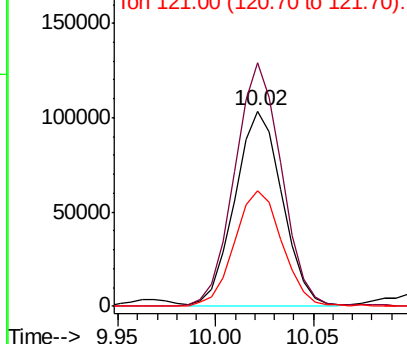
#27
2,4-Dimethylphenol
Concen: 48.722 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Instrument :
BNA_G
ClientSampleId :
PB112784BS

Tot Ion:122 Resp: 173908
Ion Ratio Lower Upper
122 100
107 124.7 96.0 144.0
121 59.3 48.2 72.4

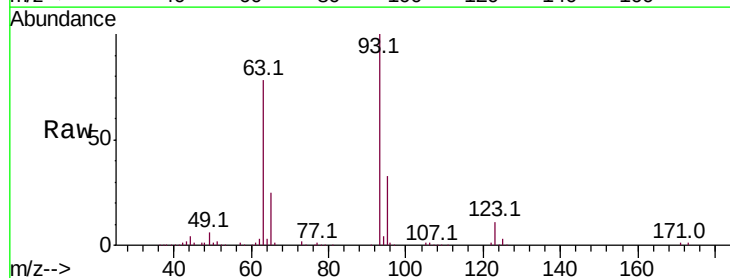


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

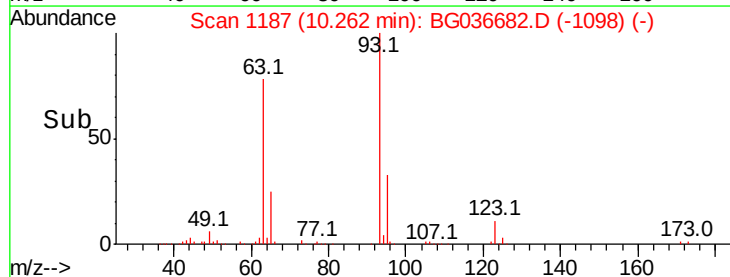
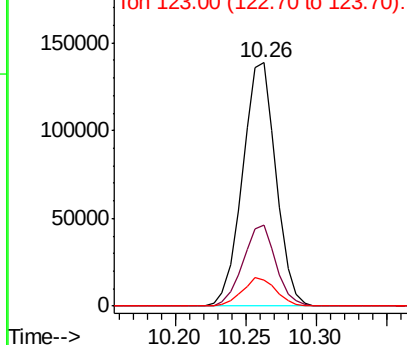


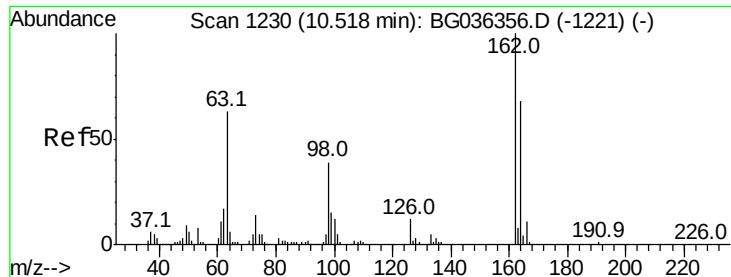
#28
bis(2-Chloroethoxy)methane
Concen: 41.793 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Tgt Ion: 93 Resp: 229900
Ion Ratio Lower Upper
93 100
95 33.1 25.2 37.8
123 10.8 8.6 12.8



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

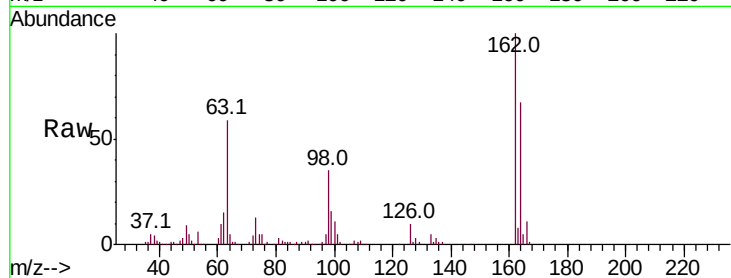




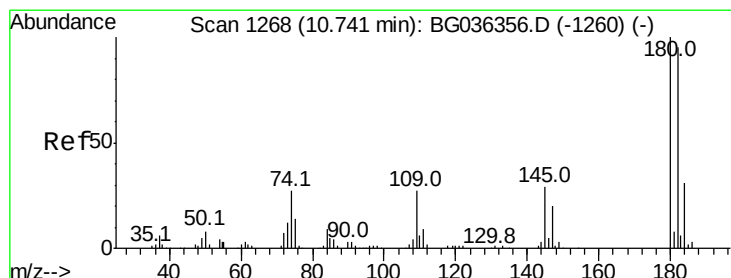
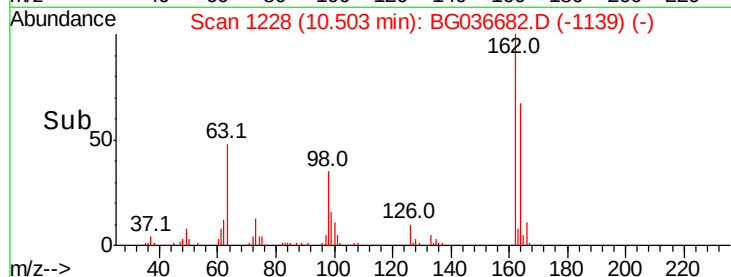
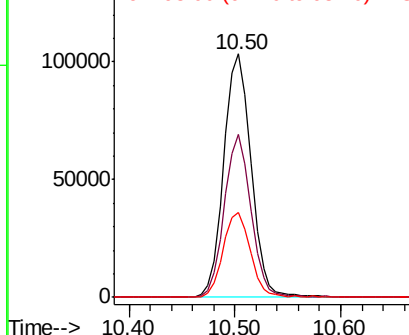
#29
2,4-Dichlorophenol
Concen: 47.575 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Instrument :
BNA_G
ClientSampleId :
PB112784BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.2	47.6	87.6
98	34.9	19.2	59.2

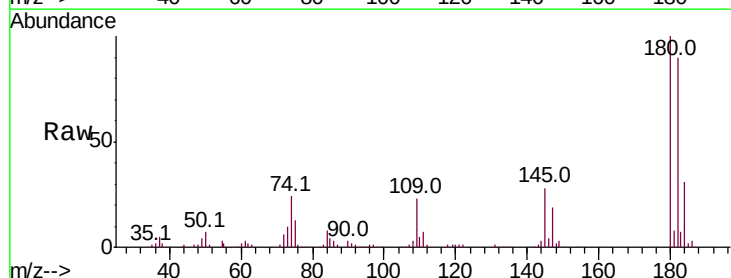


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

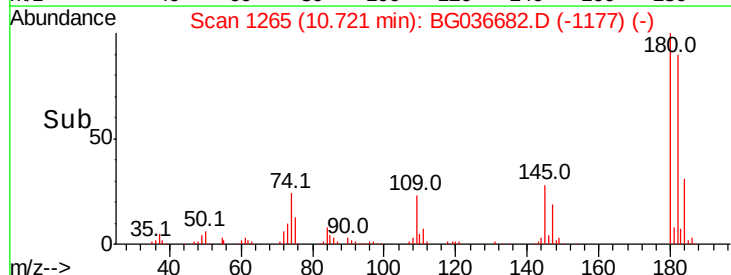
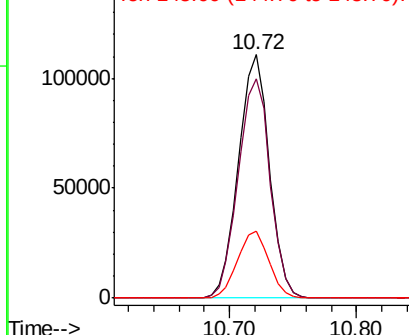


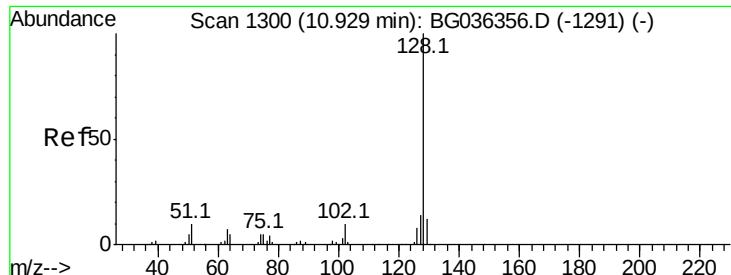
#30
1,2,4-Trichlorobenzene
Concen: 40.941 ng
RT: 10.72 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.8	76.0	114.0
145	27.5	22.9	34.3



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

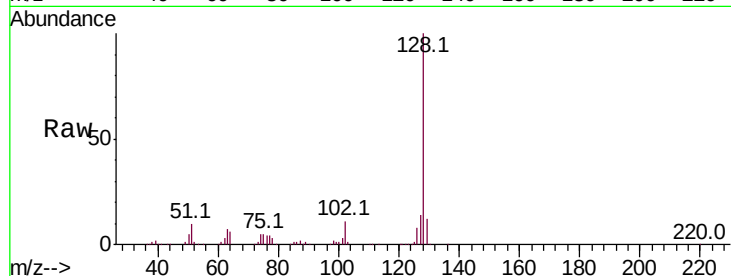




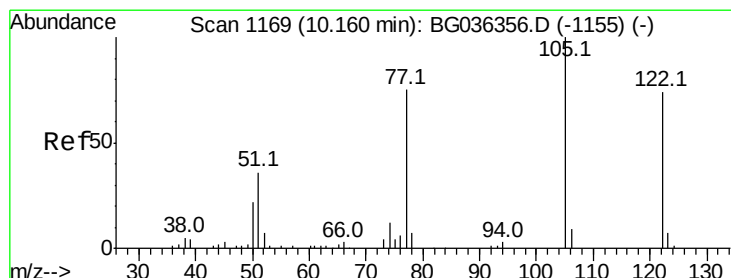
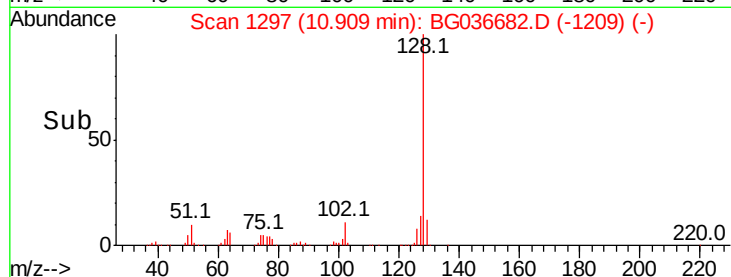
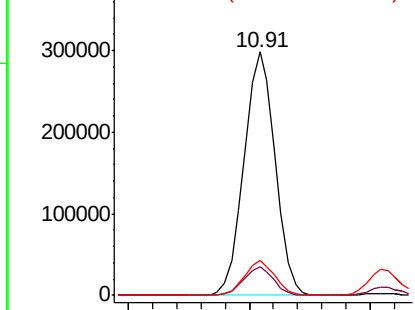
#31
Naphthalene
Concen: 43.688 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Instrument :
BNA_G
ClientSampleId :
PB112784BS

Tot Ion:128 Resp: 534631
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 14.2 11.0 16.4

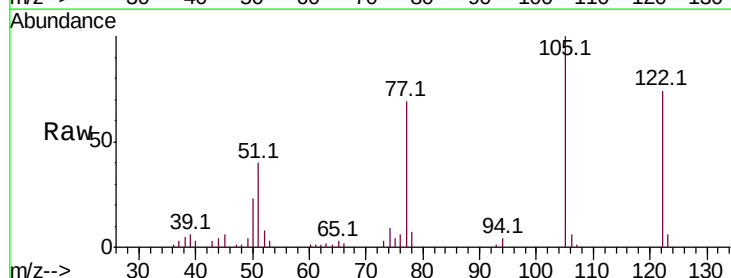


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

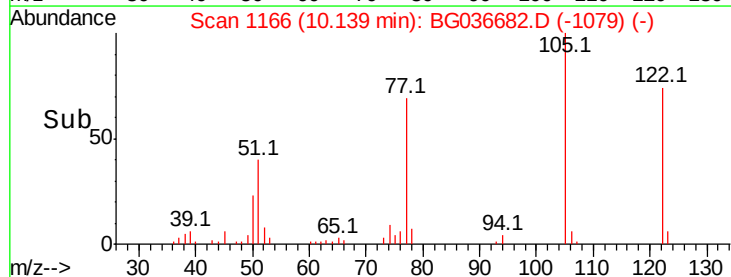
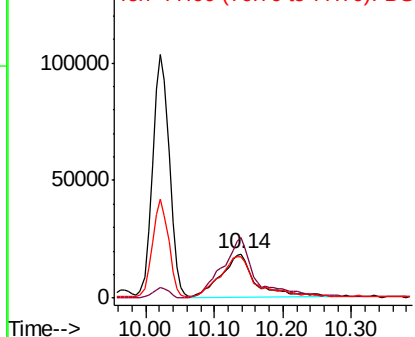


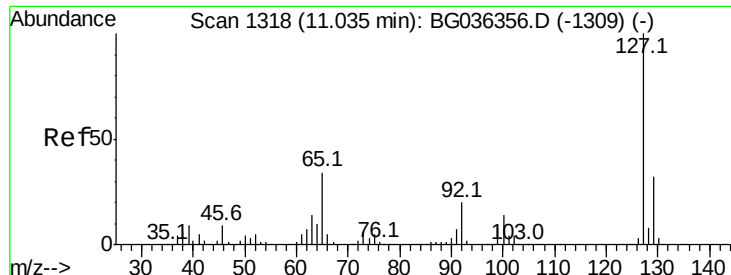
#32
Benzoic acid
Concen: 26.304 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Tgt Ion:122 Resp: 63699
Ion Ratio Lower Upper
122 100
105 134.7 108.1 148.1
77 92.8 76.3 116.3



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

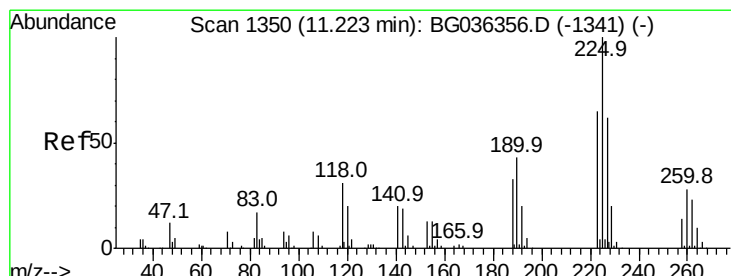
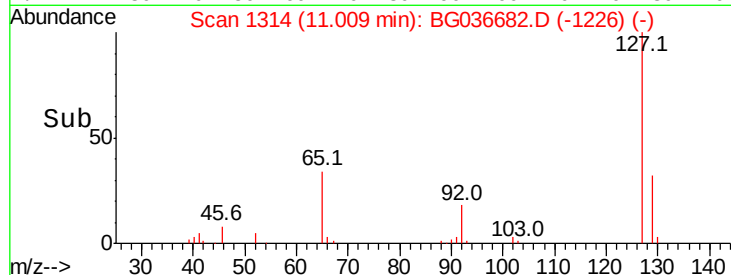
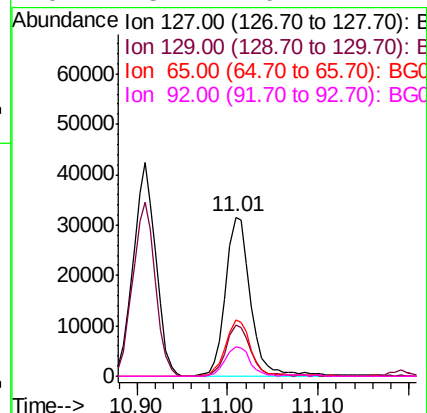
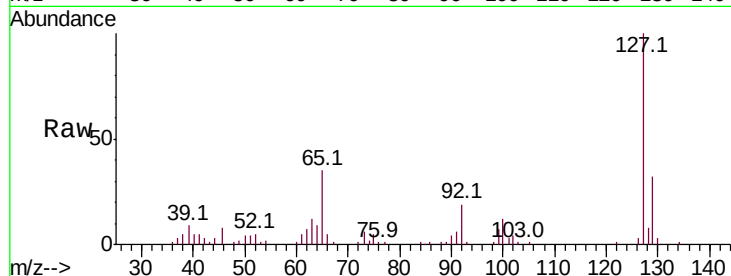




#33
4-Chloroaniline
Concen: 10.858 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

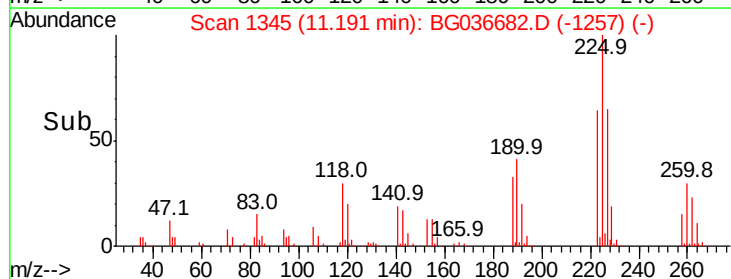
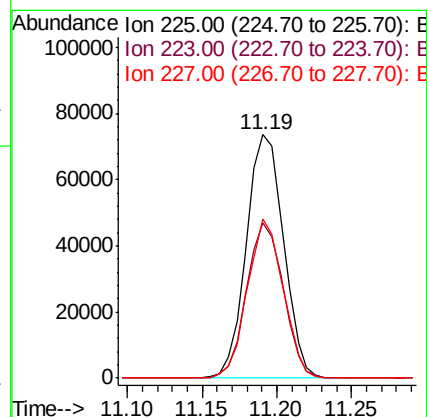
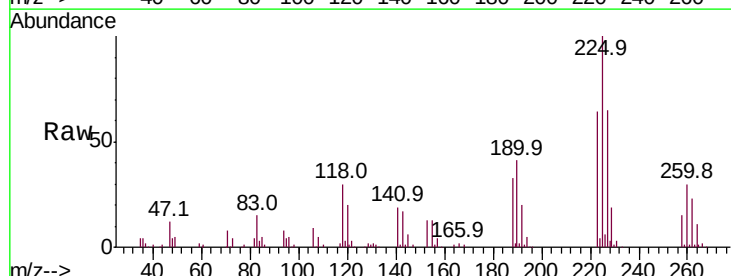
Instrument :
BNA_G
ClientSampleId :
PB112784BS

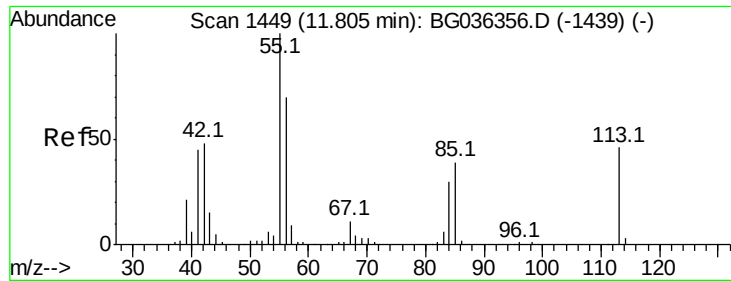
Tot Ion:	127	Resp:	60891
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	35.3	27.5	41.3
92	18.7	16.2	24.2



#34
Hexachlorobutadiene
Concen: 41.140 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Tgt Ion:	225	Resp:	126494
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.8	77.8
227	65.2	49.8	74.6





#35

Caprolactam

Concen: 41.384 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

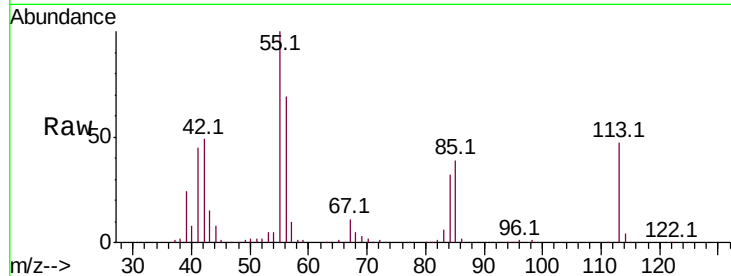
Tot Ion:113 Resp: 64491

Ion Ratio Lower Upper

113 100

55 214.3 197.7 237.7

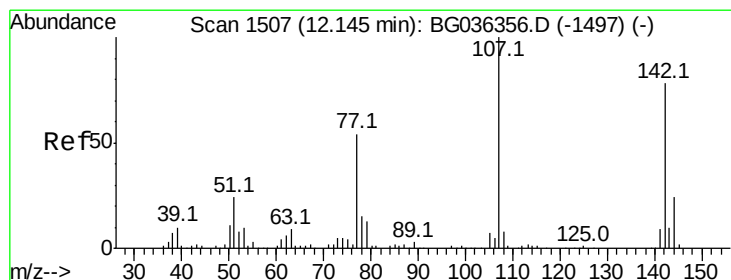
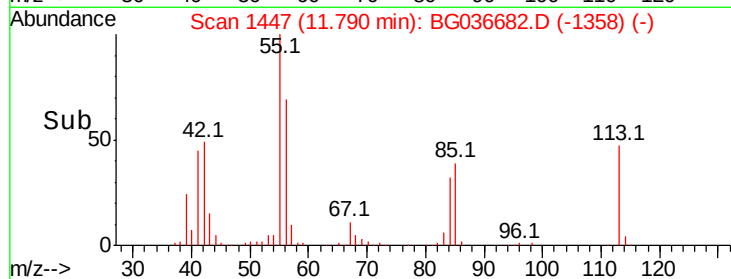
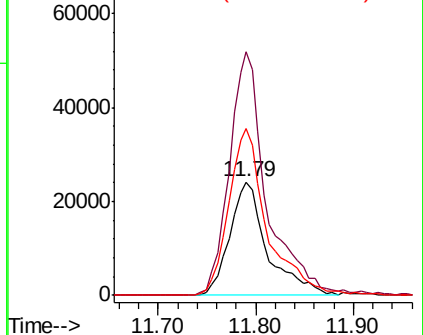
56 147.3 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.394 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

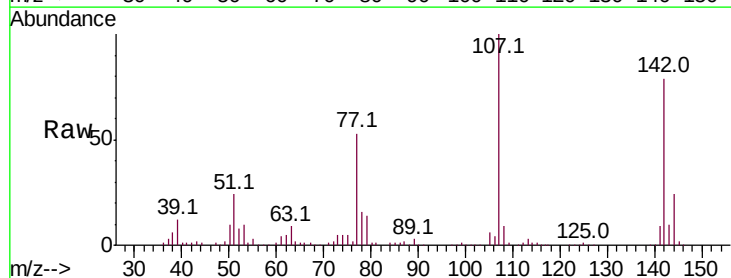
Tgt Ion:107 Resp: 210882

Ion Ratio Lower Upper

107 100

144 24.1 19.5 29.3

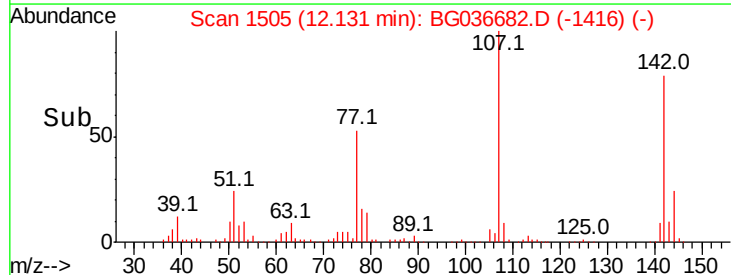
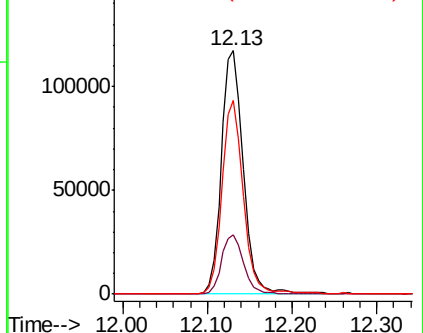
142 79.4 62.4 93.6

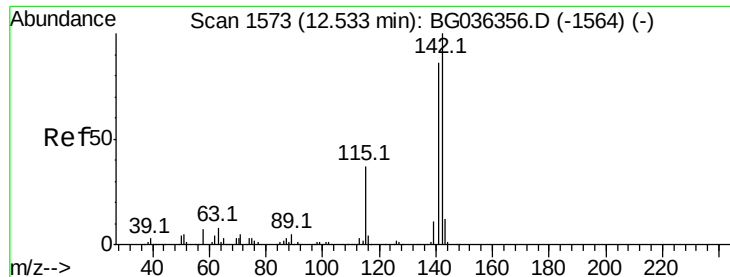


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

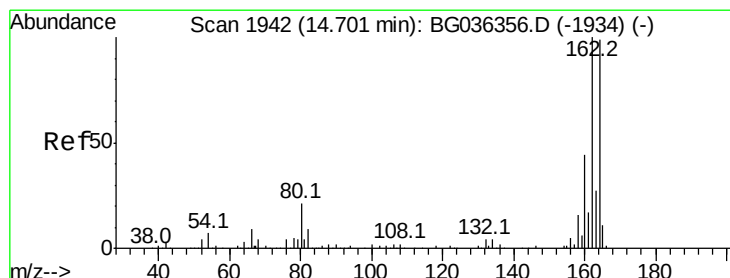
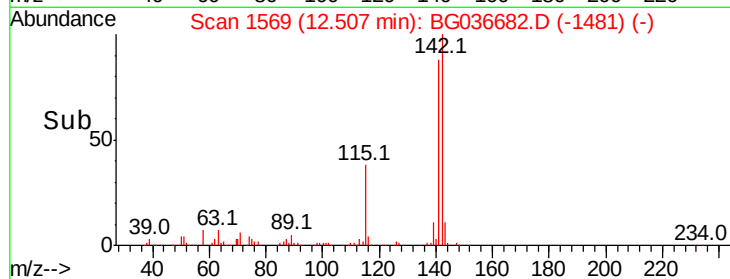
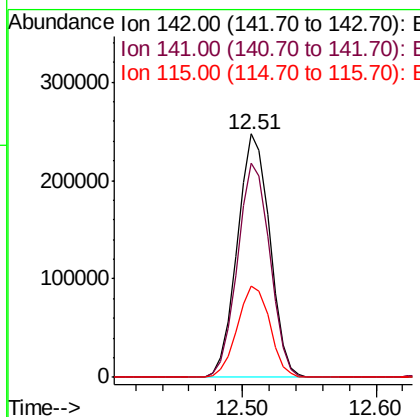
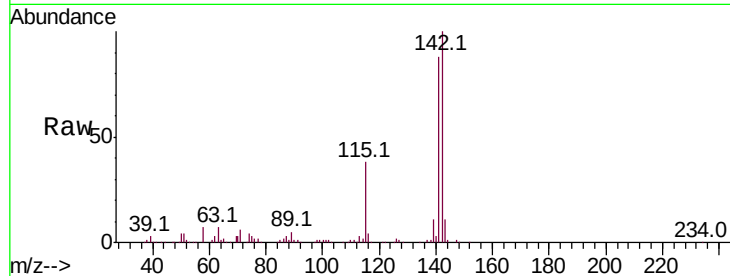




#37
2-Methylnaphthalene
Concen: 46.419 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

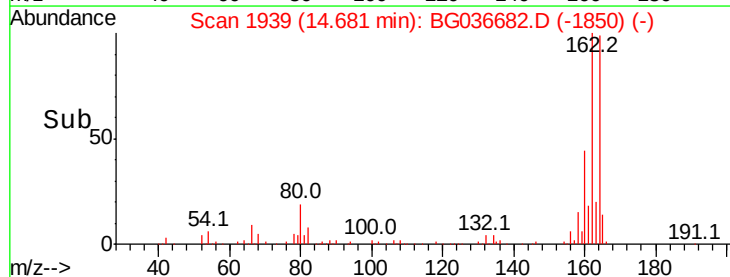
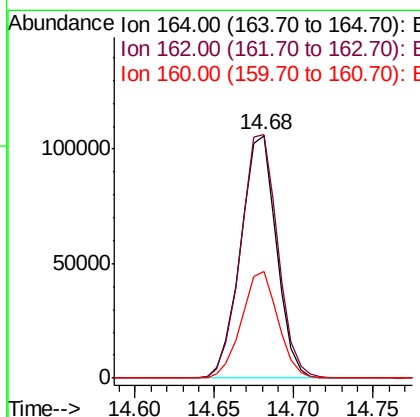
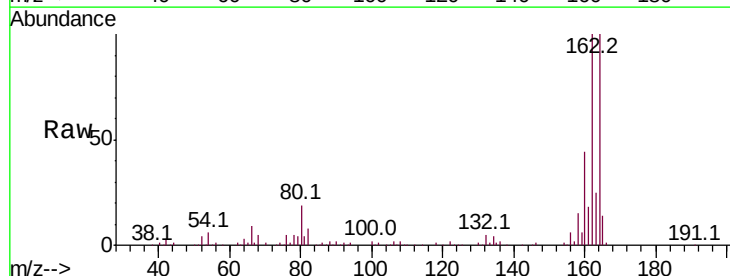
Instrument :
BNA_G
ClientSampleId :
PB112784BS

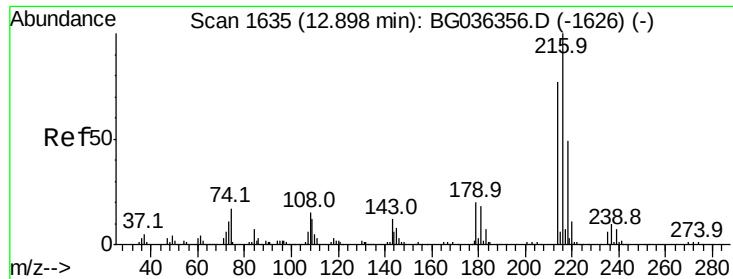
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	68.5	102.7
115	37.6	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.7	121.1
160	43.9	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.628 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

Tot Ion:216 Resp: 244496

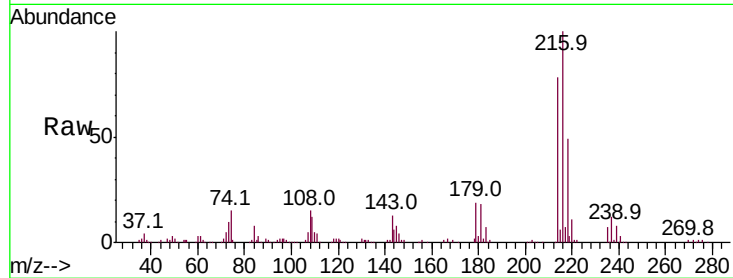
Ion Ratio Lower Upper

216 100

214 76.5 61.0 91.6

179 18.9 15.7 23.5

108 17.4 13.1 19.7

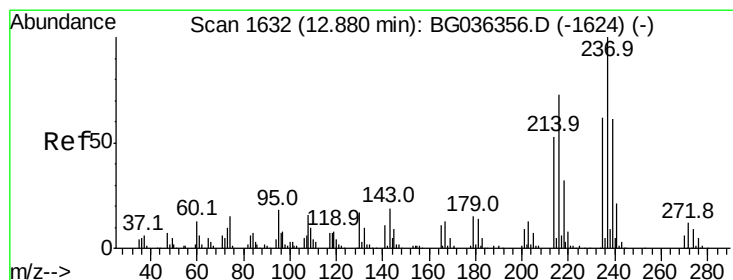
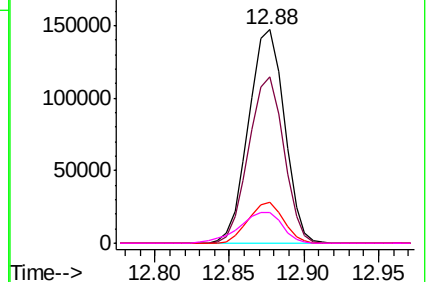
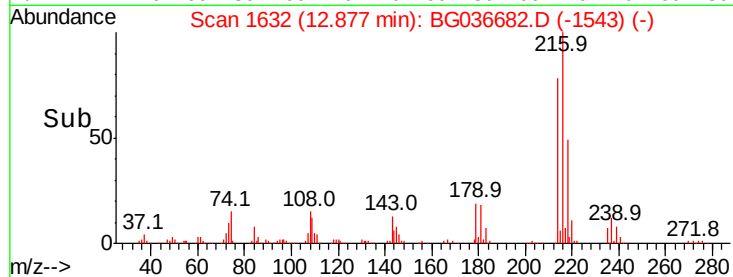


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.716 ng

RT: 12.85 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

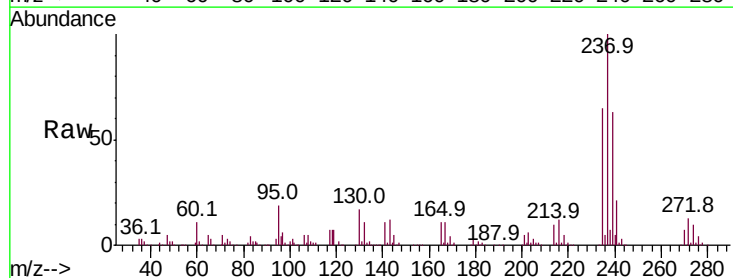
Tgt Ion:237 Resp: 283330

Ion Ratio Lower Upper

237 100

235 65.0 42.2 82.2

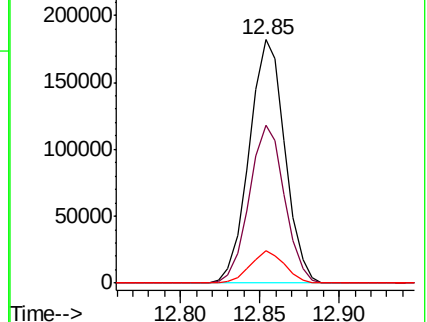
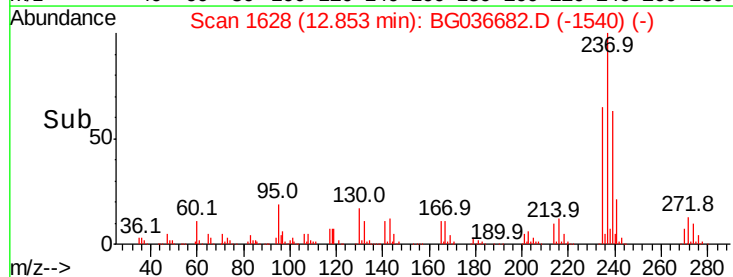
272 13.4 0.0 32.1

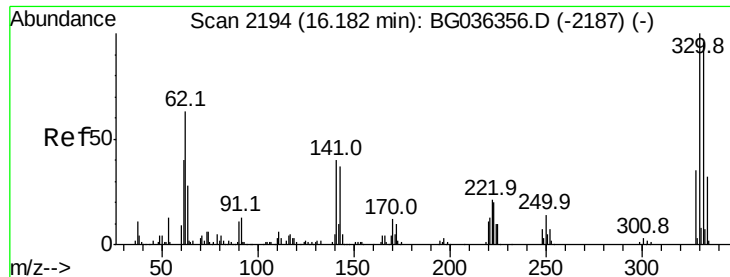


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

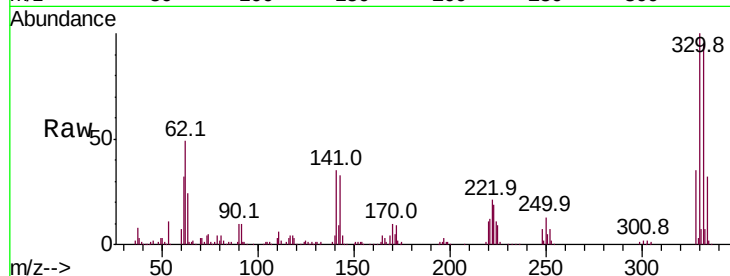




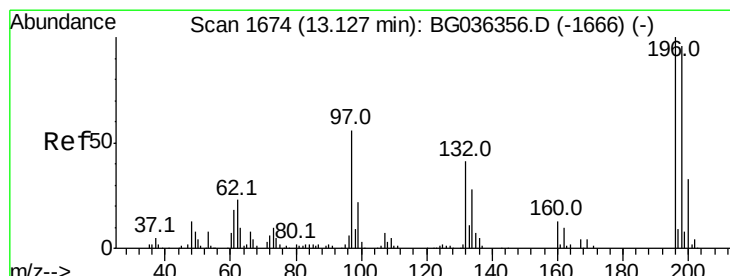
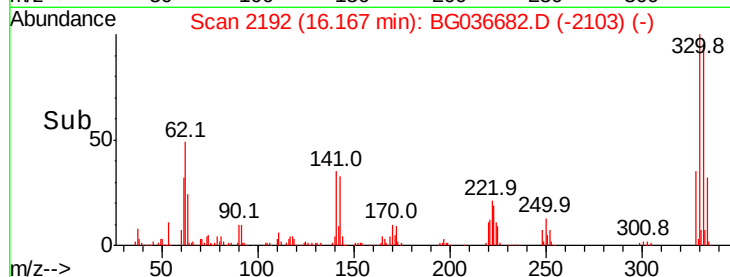
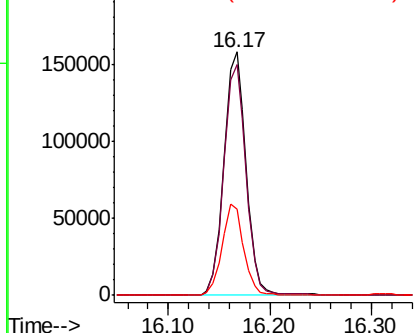
#41
 2,4,6-Tribromophenol
 Concen: 120.798 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036682.D
 Acq: 12 Sep 2018 21:01

Instrument :
 BNA_G
 ClientSampleId :
 PB112784BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.2
141	36.6	30.7	46.1

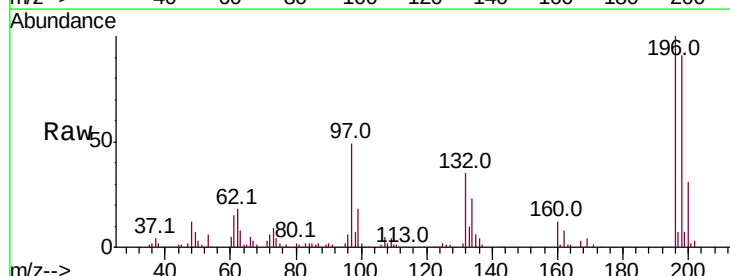


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

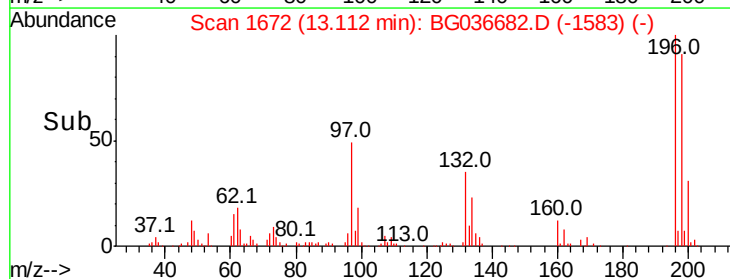
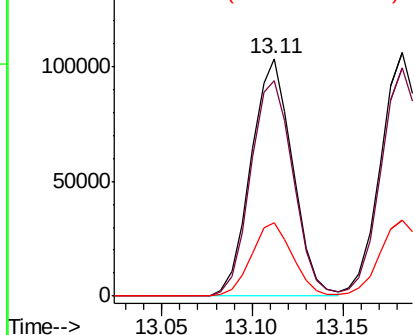


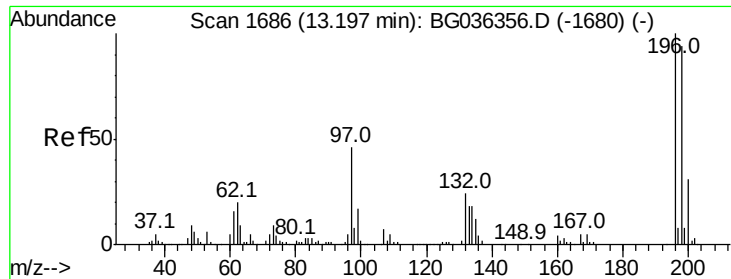
#42
 2,4,6-Trichlorophenol
 Concen: 46.043 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BG036682.D
 Acq: 12 Sep 2018 21:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.6	77.2	115.8
200	31.0	26.3	39.5



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: 45.942 ng

RT: 13.18 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

Tot Ion:196 Resp: 175316

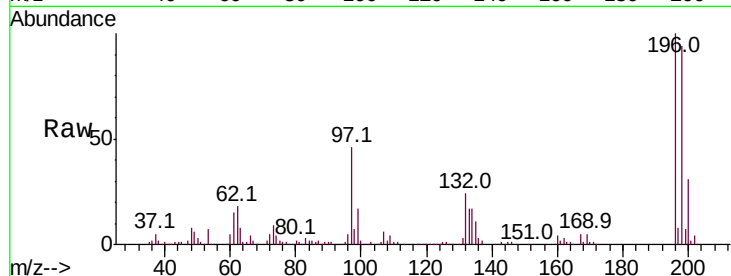
Ion Ratio Lower Upper

196 100

198 93.7 75.6 113.4

97 45.9 37.2 55.8

132 24.3 19.4 29.2

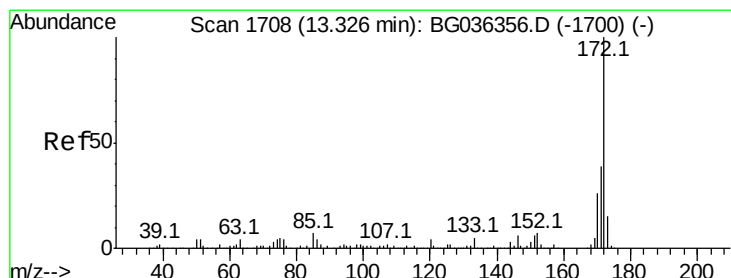
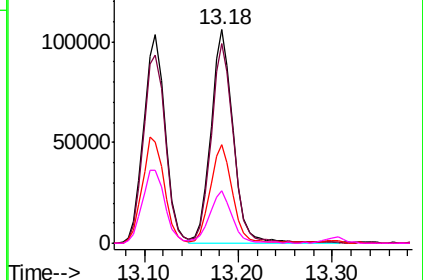
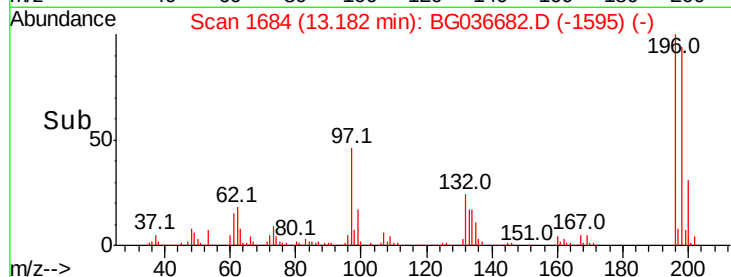


Abundance Ion 196.00 (195.70 to 196.70): E

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: 71.785 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

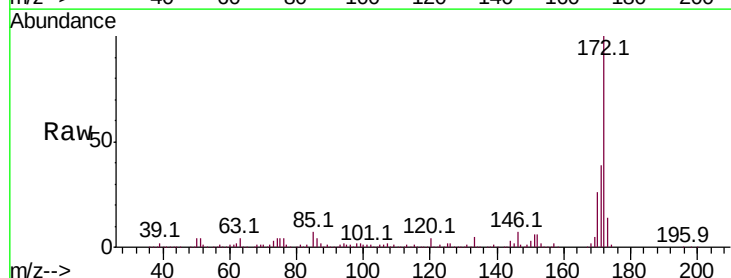
Tgt Ion:172 Resp: 834407

Ion Ratio Lower Upper

172 100

171 38.5 31.3 46.9

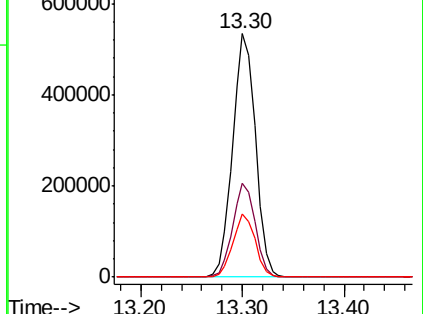
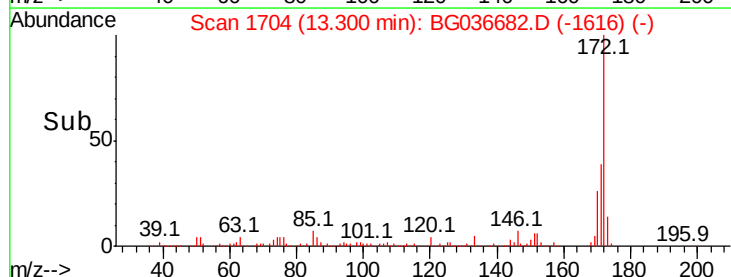
170 25.7 21.0 31.6

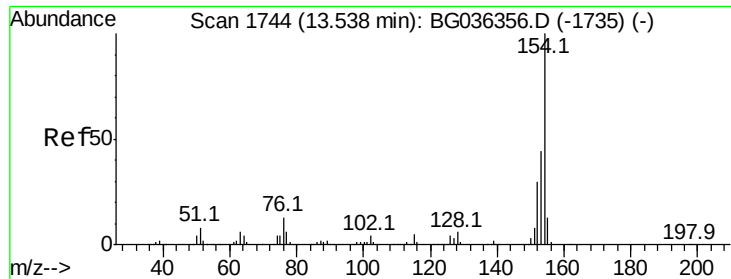


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.635 ng

RT: 13.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

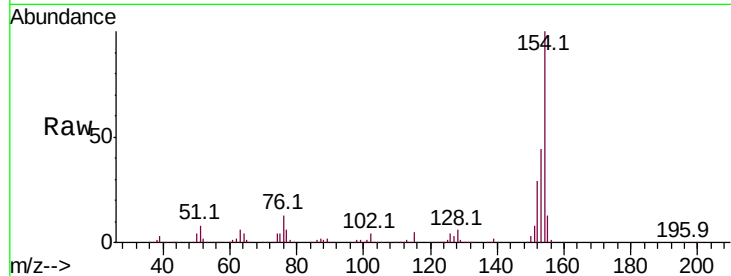
Tot Ion:154 Resp: 546030

Ion Ratio Lower Upper

154 100

153 43.6 24.0 64.0

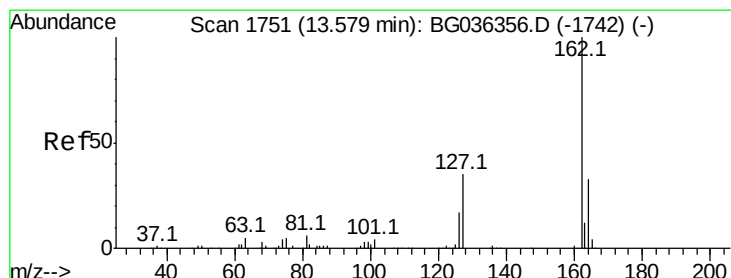
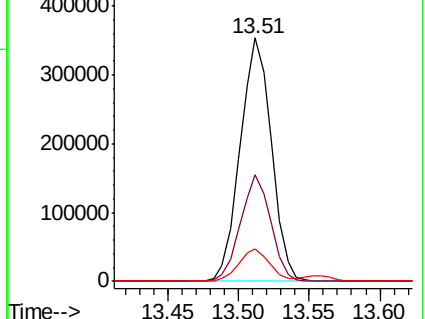
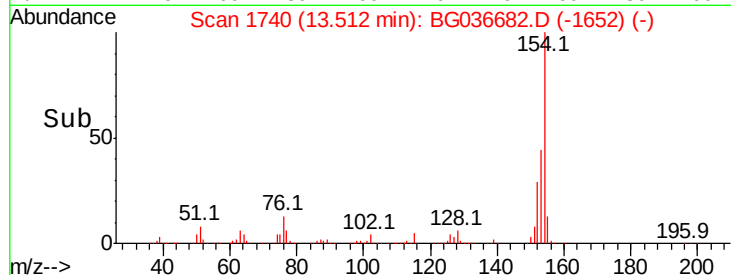
76 13.1 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 40.615 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

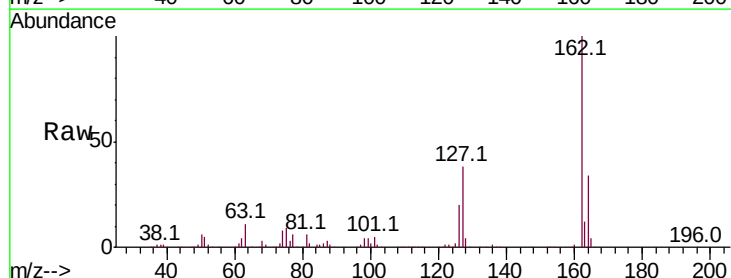
Tgt Ion:162 Resp: 427153

Ion Ratio Lower Upper

162 100

127 37.6 30.7 46.1

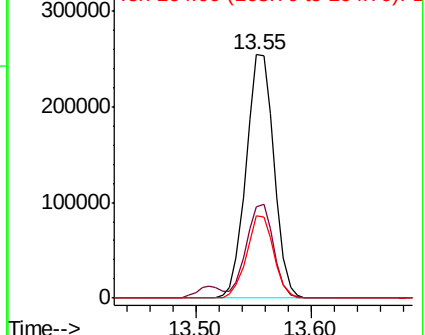
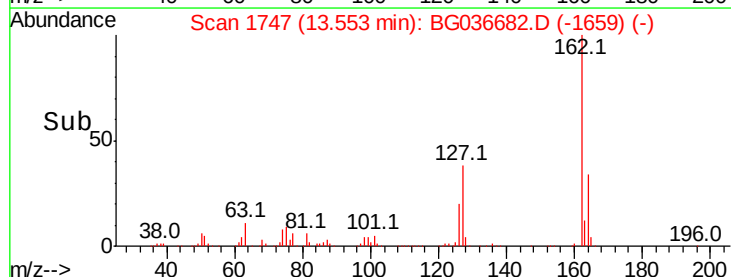
164 34.0 26.7 40.1

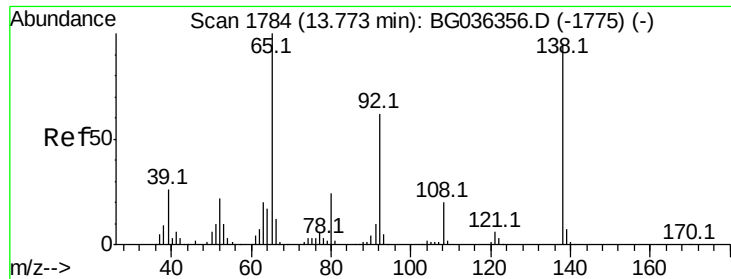


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.715 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

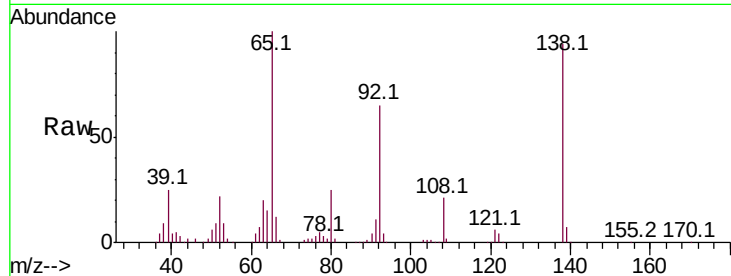
Tot Ion: 65 Resp: 147673

Ion Ratio Lower Upper

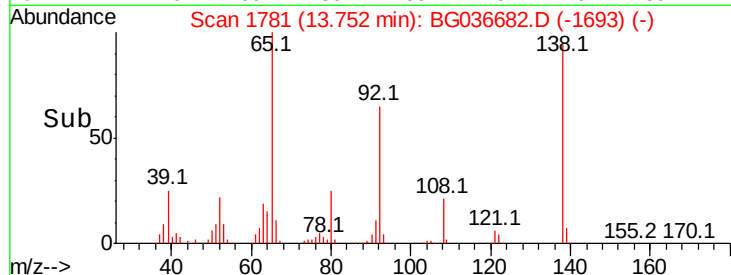
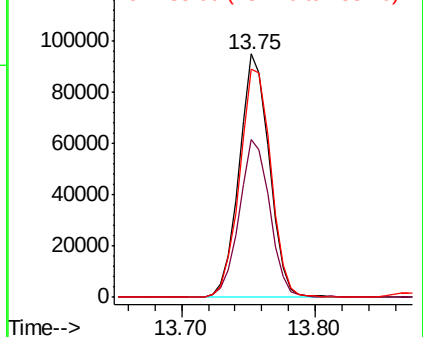
65 100

92 64.7 49.9 74.9

138 93.6 76.2 114.4



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: 43.835 ng

RT: 14.40 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

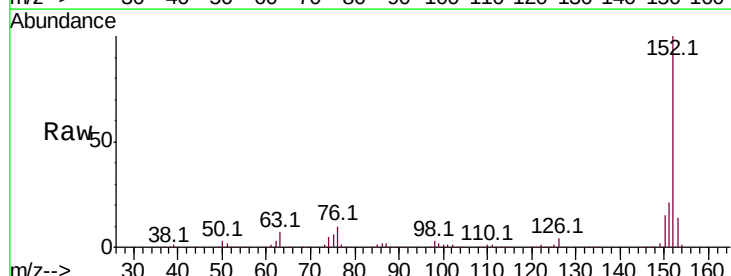
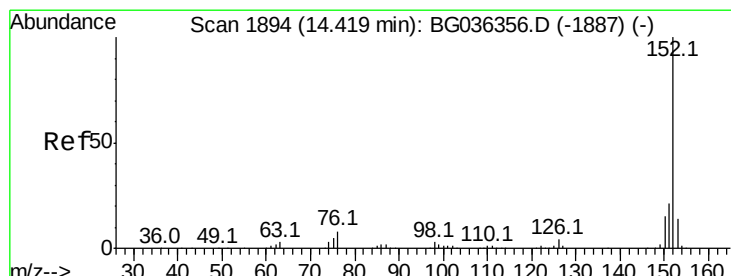
Tgt Ion: 152 Resp: 720498

Ion Ratio Lower Upper

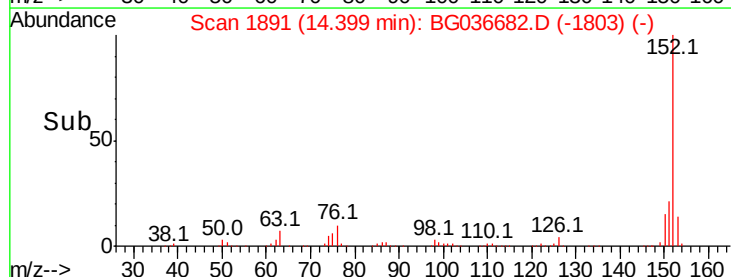
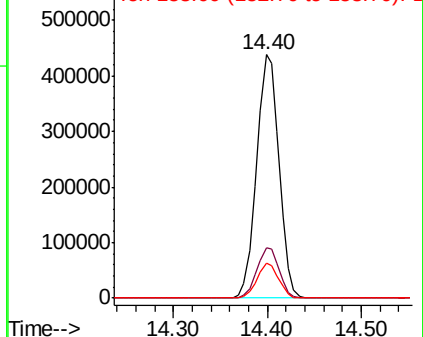
152 100

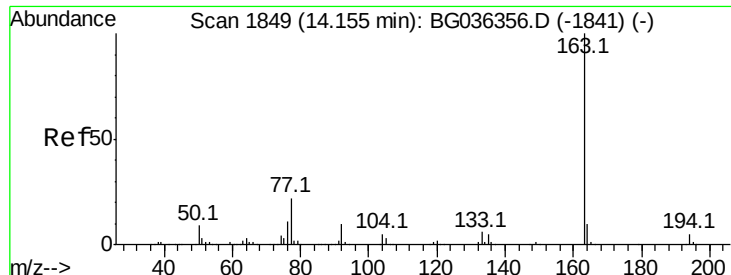
151 20.8 16.9 25.3

153 14.4 11.2 16.8



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: 42.258 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

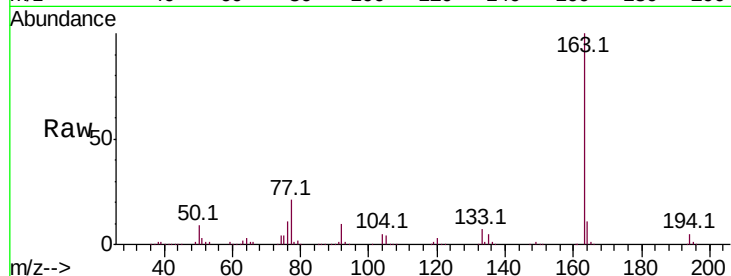
Tot Ion:163 Resp: 572676

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

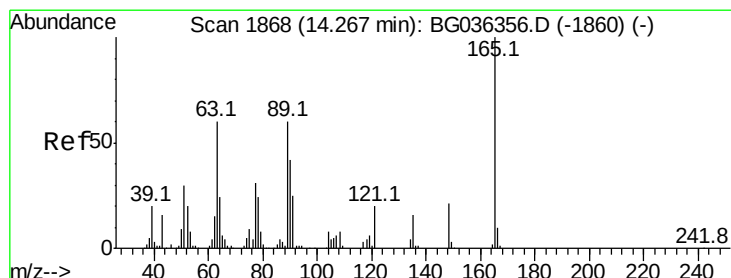
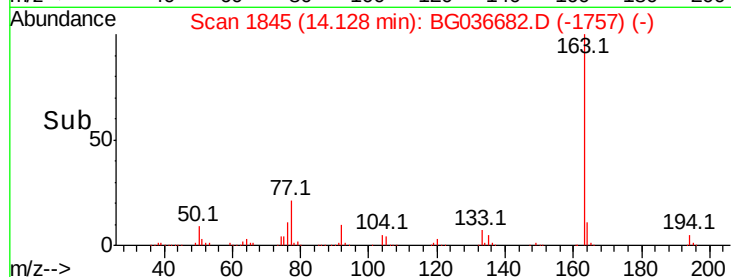
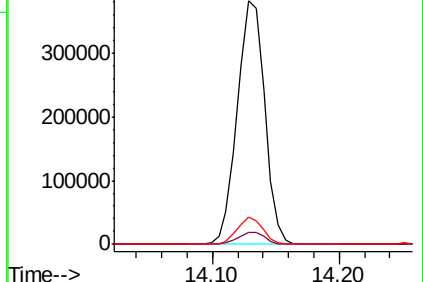
164 11.1 8.1 12.1



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: 45.078 ng

RT: 14.25 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

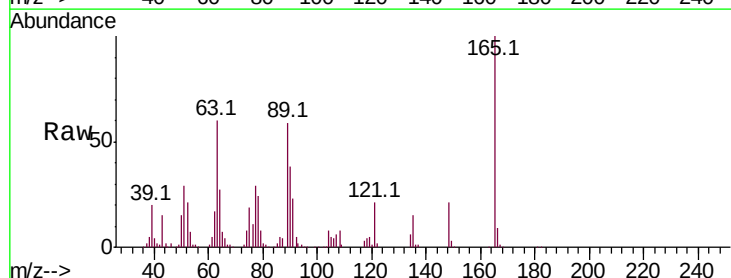
Tgt Ion:165 Resp: 125705

Ion Ratio Lower Upper

165 100

63 60.2 50.1 75.1

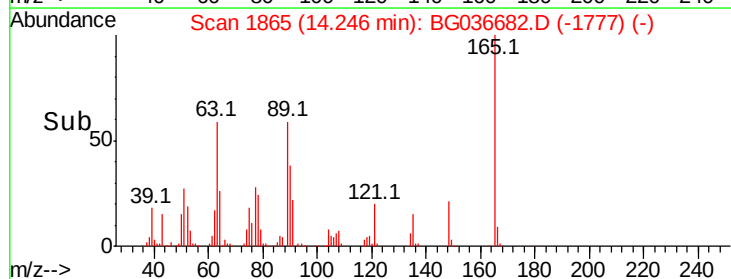
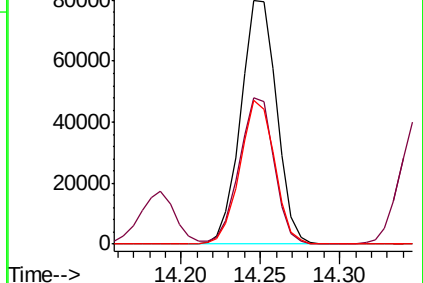
89 59.1 47.8 71.6

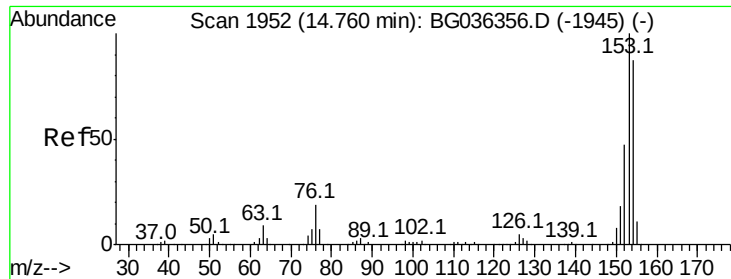


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 42.205 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

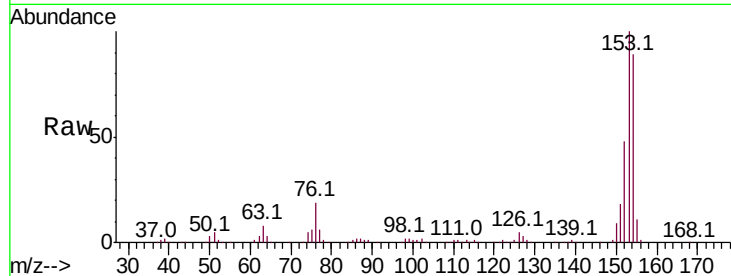
Tot Ion:154 Resp: 444276

Ion Ratio Lower Upper

154 100

153 112.4 91.8 137.6

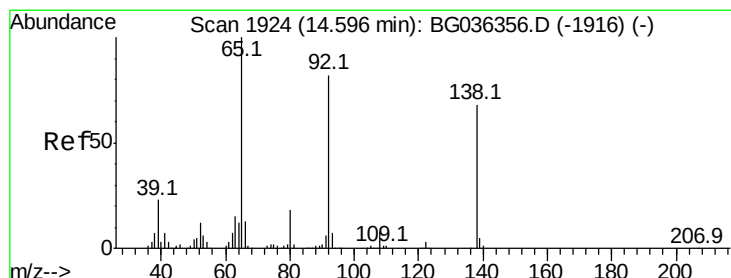
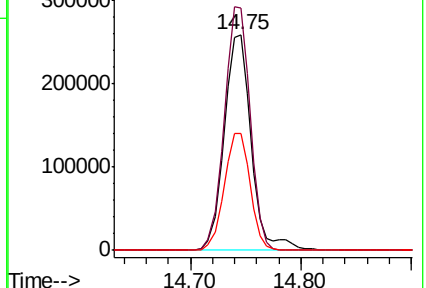
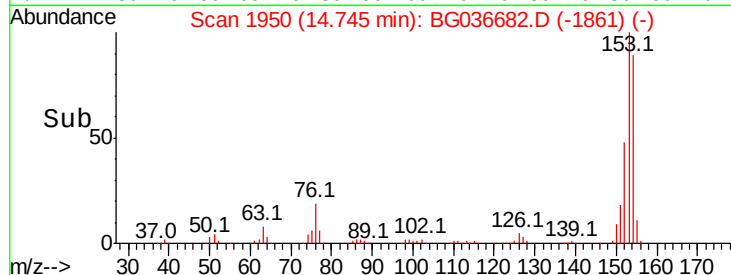
152 54.4 43.5 65.3



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: 20.201 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

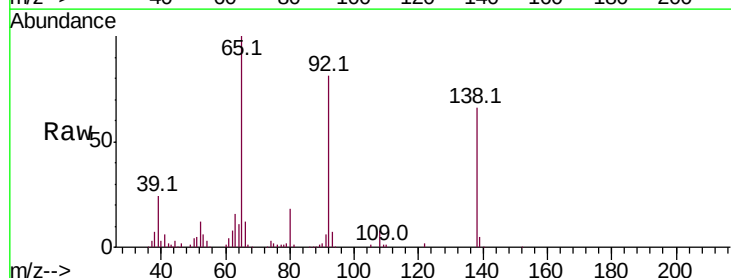
Tgt Ion:138 Resp: 60707

Ion Ratio Lower Upper

138 100

108 12.0 9.4 14.2

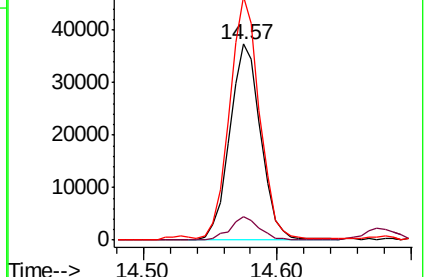
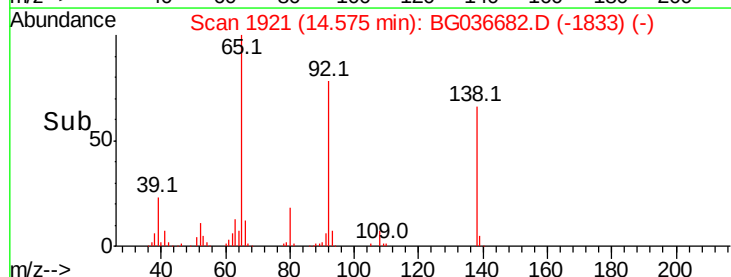
92 124.1 96.8 145.2

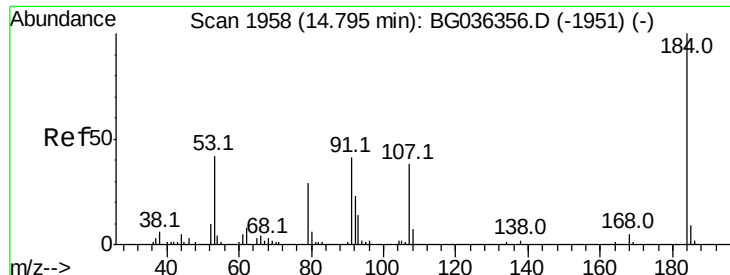


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

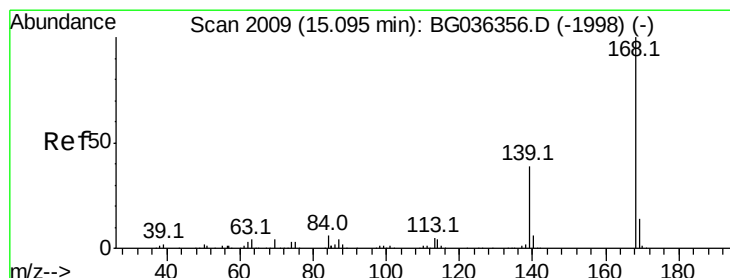
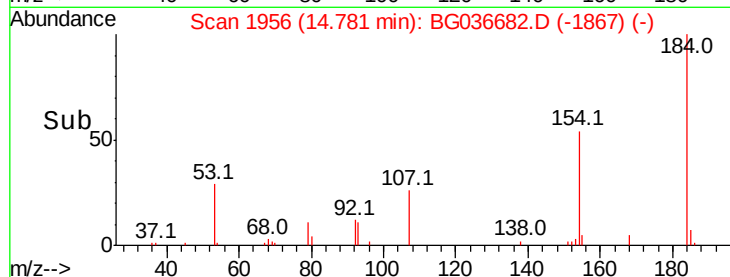
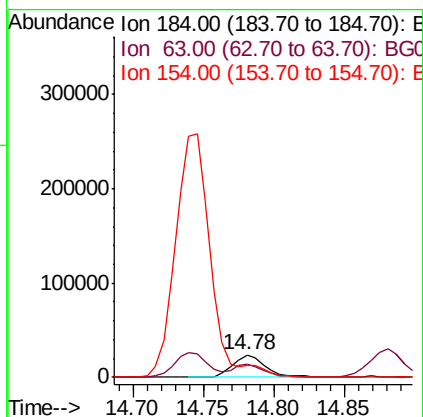
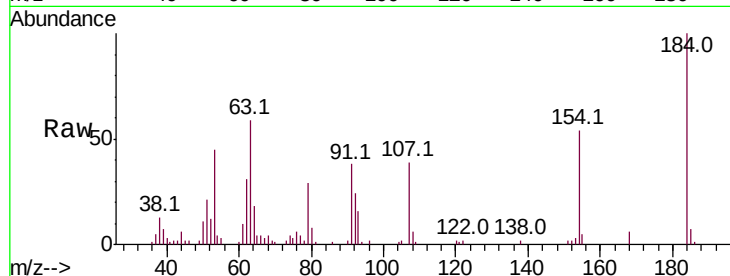




#53
 2,4-Dinitrophenol
 Concen: 36.816 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036682.D
 Acq: 12 Sep 2018 21:01

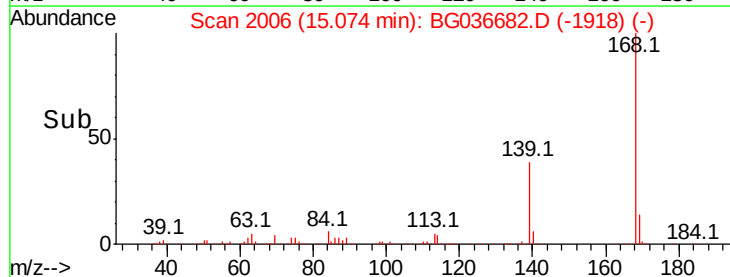
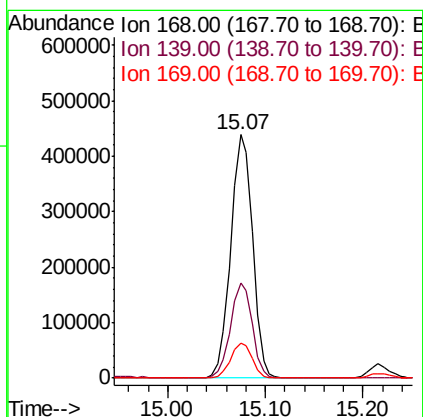
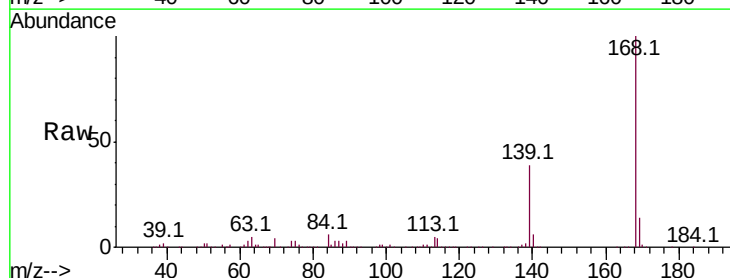
Instrument :
 BNA_G
 ClientSampleId :
 PB112784BS

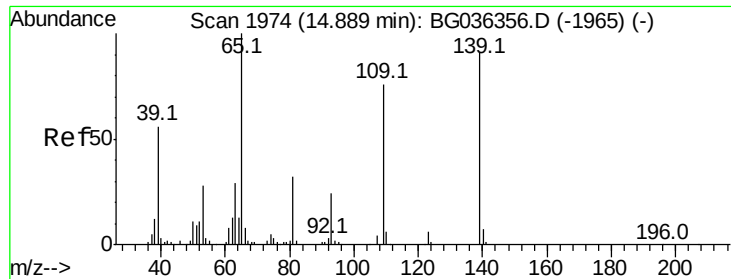
Tot Ion:184 Resp: 38888
 Ion Ratio Lower Upper
 184 100
 63 58.8 47.3 70.9
 154 53.6 51.1 76.7



#54
 Dibenzofuran
 Concen: 41.300 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG036682.D
 Acq: 12 Sep 2018 21:01

Tgt Ion:168 Resp: 681112
 Ion Ratio Lower Upper
 168 100
 139 39.2 31.0 46.6
 169 14.5 11.1 16.7

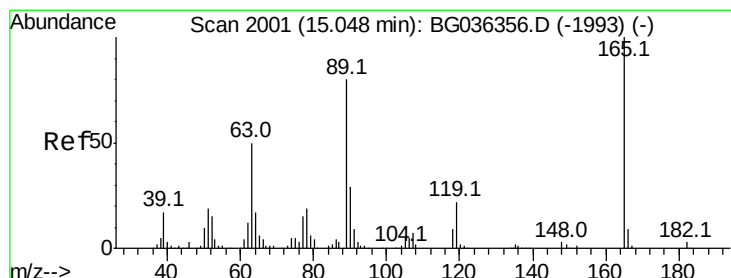
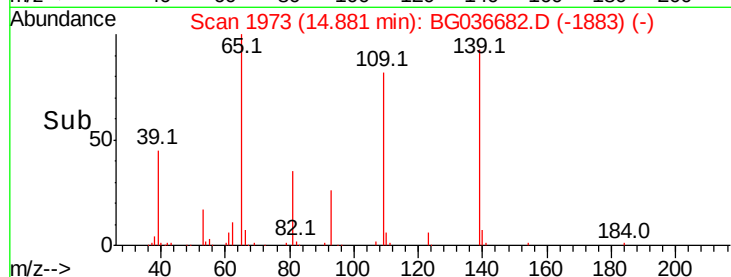
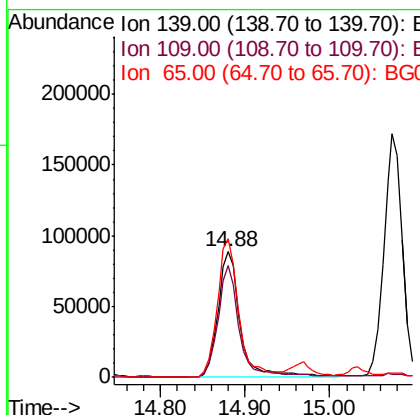
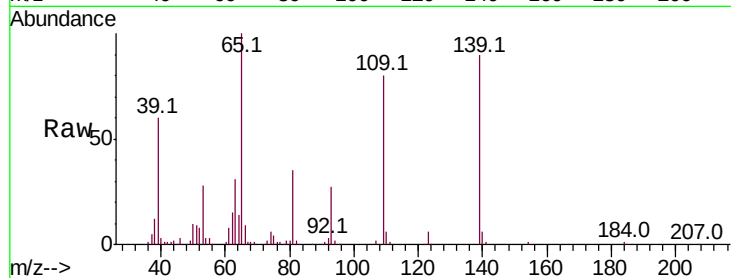




#55
4-Nitrophenol
Concen: 67.009 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

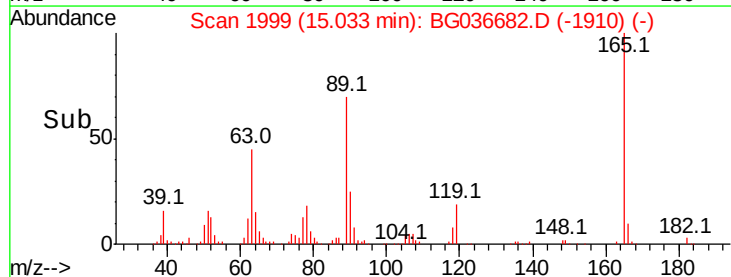
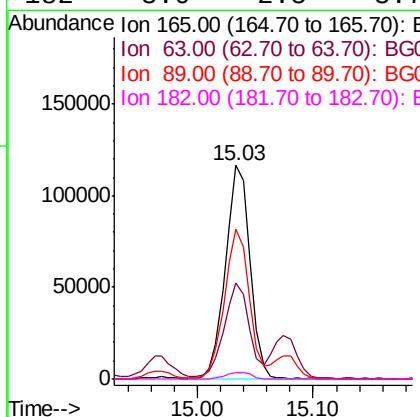
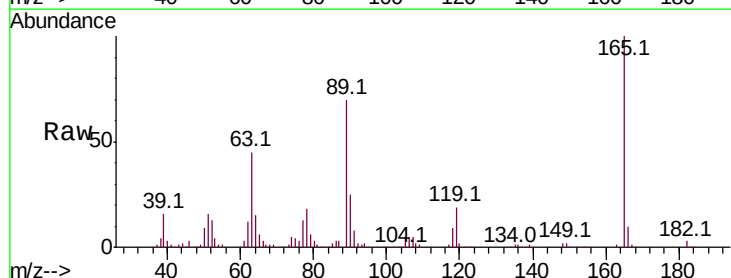
Instrument :
BNA_G
ClientSampleId :
PB112784BS

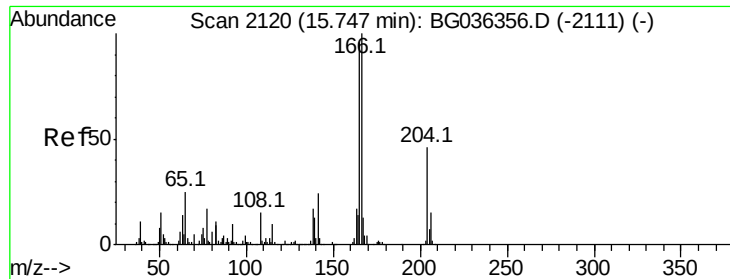
Tot Ion:139 Resp: 164646
Ion Ratio Lower Upper
139 100
109 88.9 63.9 103.9
65 110.9 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 47.204 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Tgt Ion:165 Resp: 171557
Ion Ratio Lower Upper
165 100
63 45.1 40.1 60.1
89 70.4 63.7 95.5
182 3.0 2.5 3.7





#57

Fluorene

Concen: 44.522 ng

RT: 15.73 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

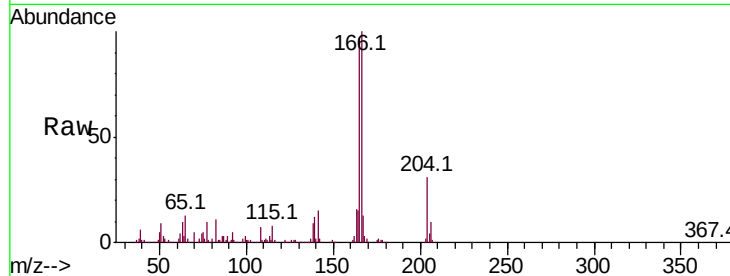
Tot Ion:166 Resp: 548894

Ion Ratio Lower Upper

166 100

165 97.5 77.0 115.4

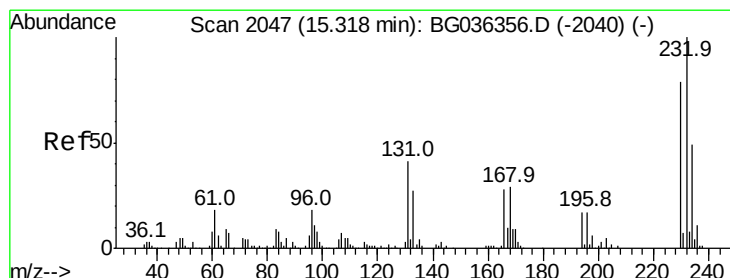
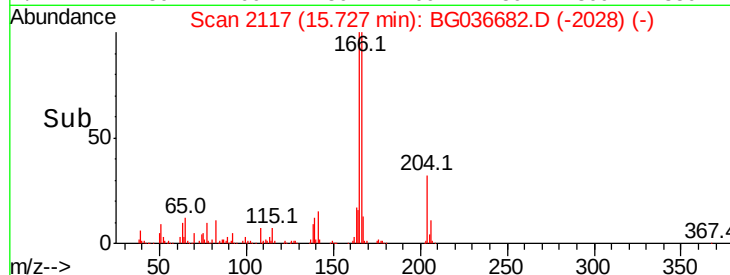
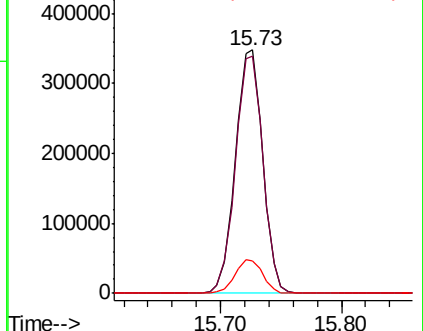
167 13.3 10.6 16.0



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: 47.176 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Tgt Ion:232 Resp: 169141

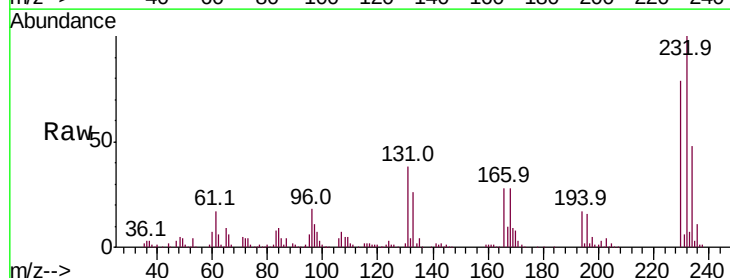
Ion Ratio Lower Upper

232 100

131 38.5 33.8 50.8

130 2.5 2.1 3.1

166 27.0 22.3 33.5

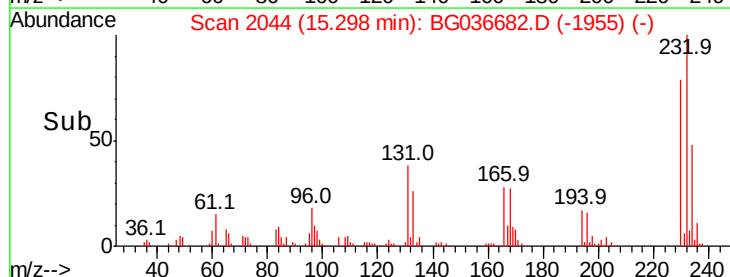
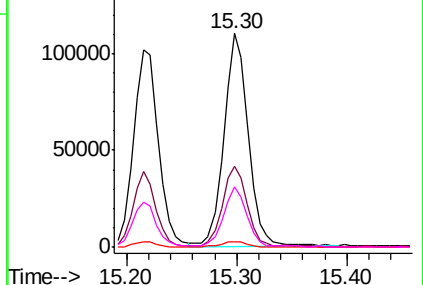


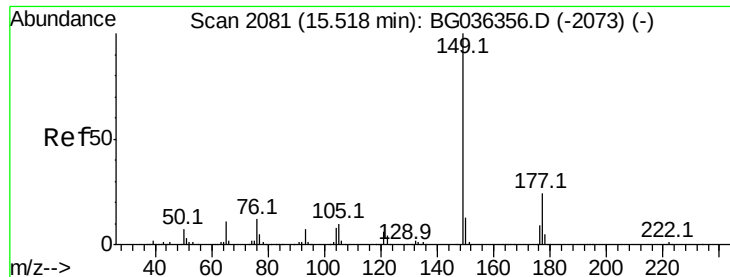
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

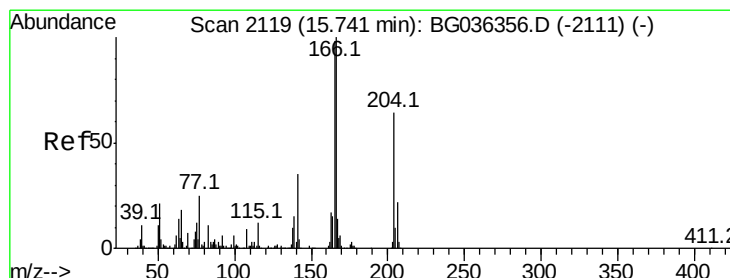
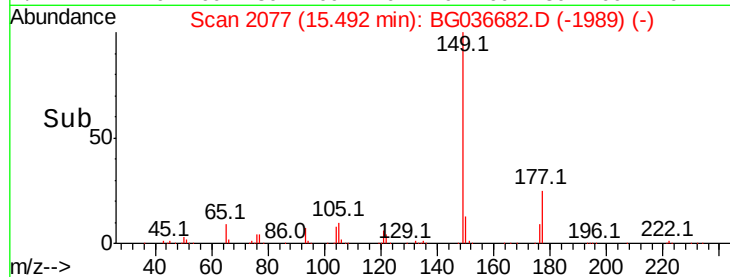
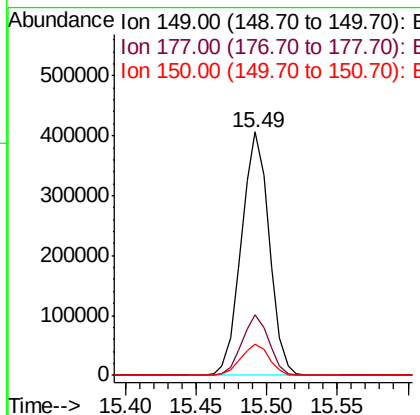
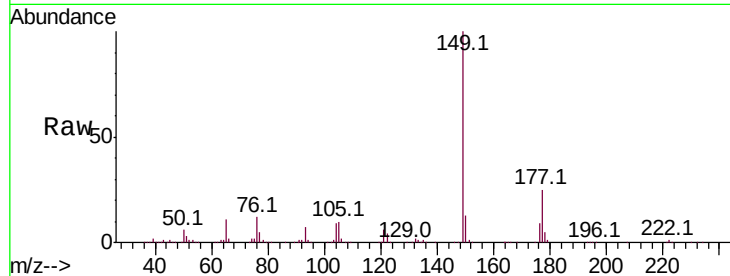




#59
Diethylphthalate
Concen: 41.007 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

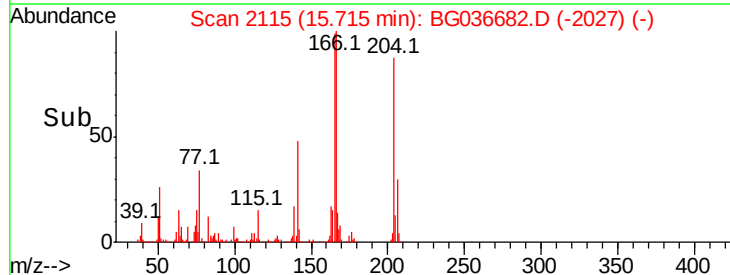
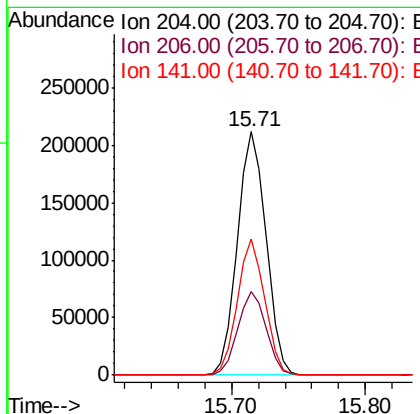
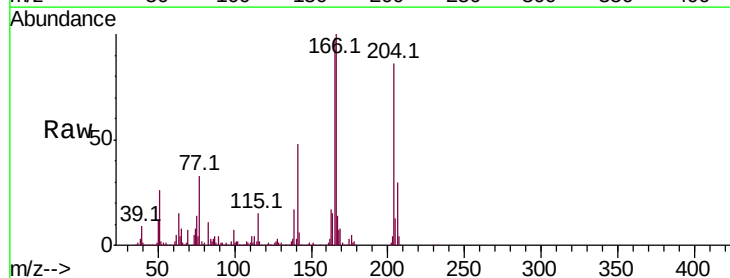
Instrument :
BNA_G
ClientSampleId :
PB112784BS

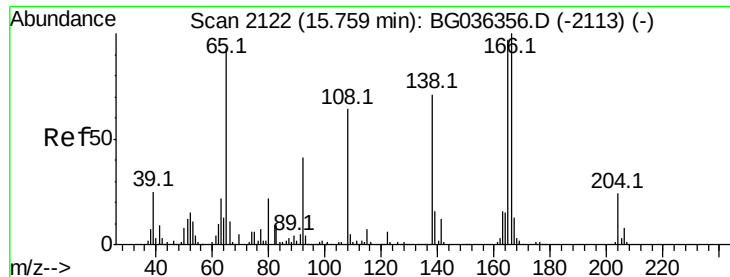
Tot Ion:149 Resp: 560061
Ion Ratio Lower Upper
149 100
177 24.8 19.1 28.7
150 12.7 10.7 16.1



#60
4-Chlorophenyl-phenylether
Concen: 41.289 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Tgt Ion:204 Resp: 314327
Ion Ratio Lower Upper
204 100
206 34.5 27.0 40.4
141 56.0 43.8 65.6

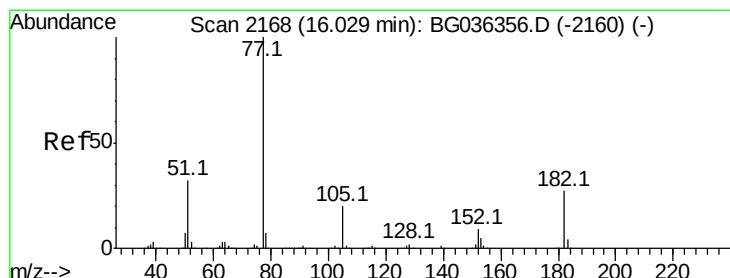
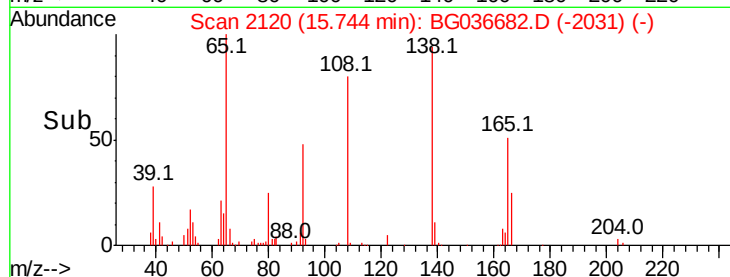
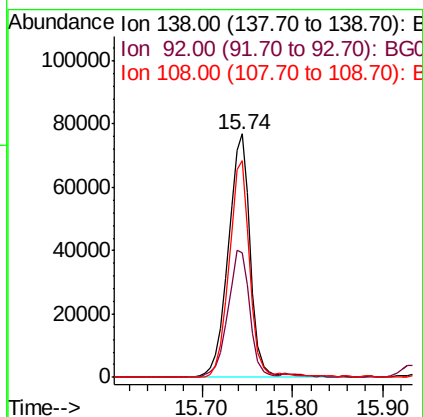
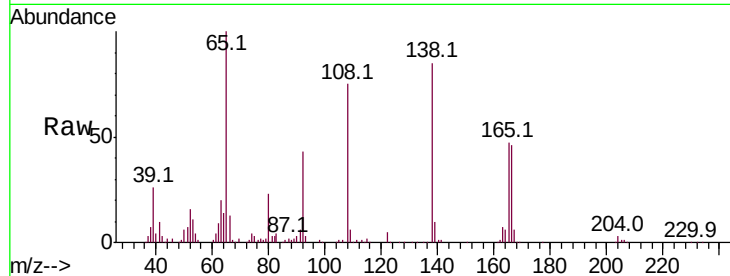




#61
4-Nitroaniline
Concen: 41.358 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

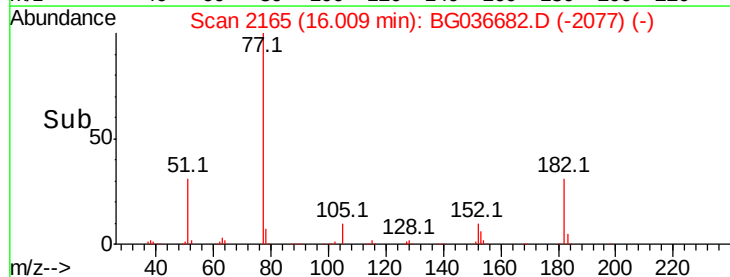
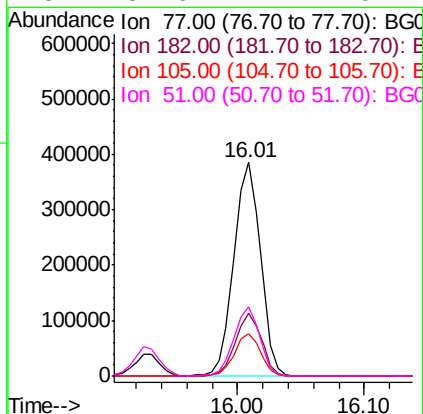
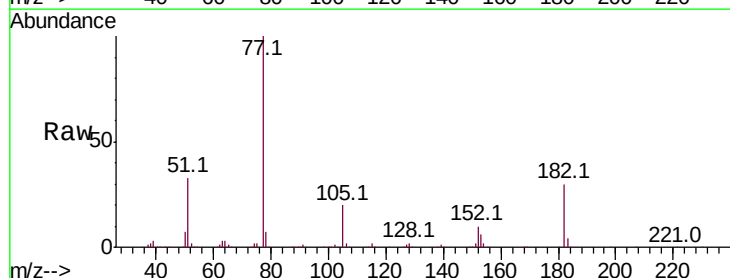
Instrument :
BNA_G
ClientSampled :
PB112784BS

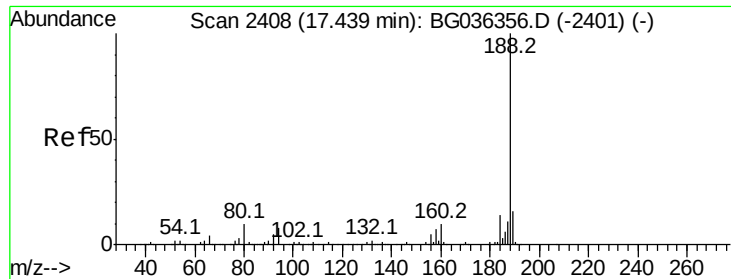
Tot Ion:138 Resp: 130057
Ion Ratio Lower Upper
138 100
92 51.1 38.5 78.5
108 89.0 70.3 110.3



#62
Azobenzene
Concen: 39.965 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Tgt Ion: 77 Resp: 555359
Ion Ratio Lower Upper
77 100
182 29.6 6.7 46.7
105 19.7 0.0 39.8
51 32.6 12.4 52.4

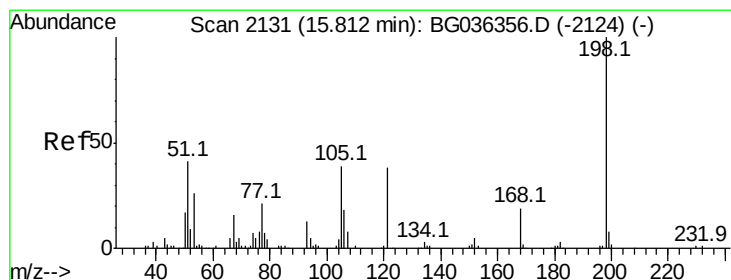
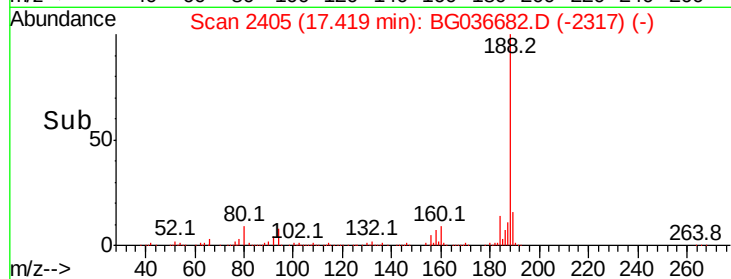
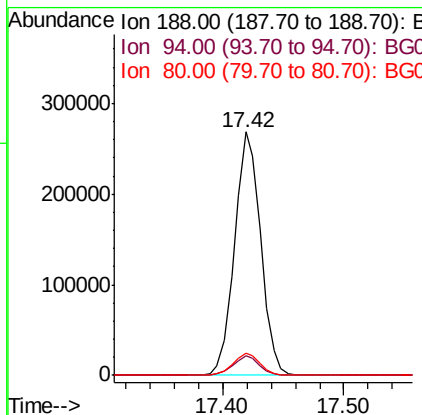
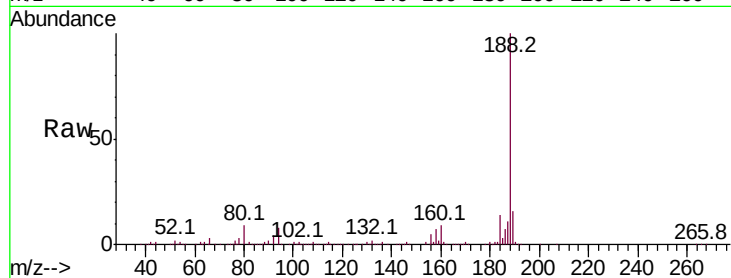




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

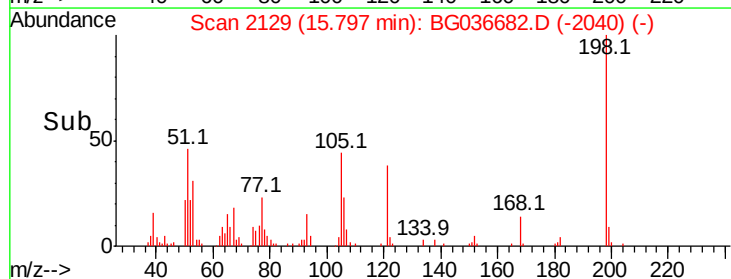
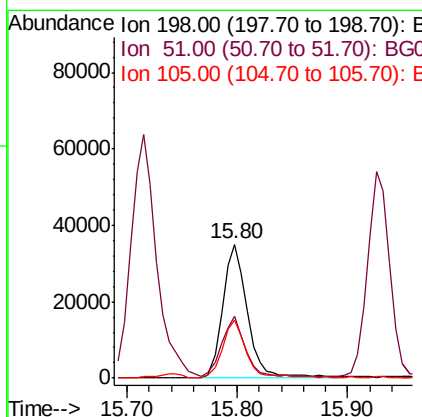
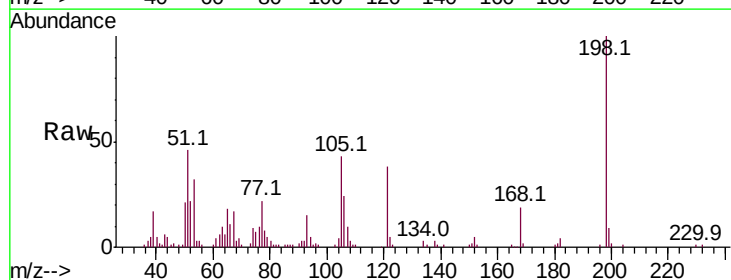
Instrument :
BNA_G
ClientSampleId :
PB112784BS

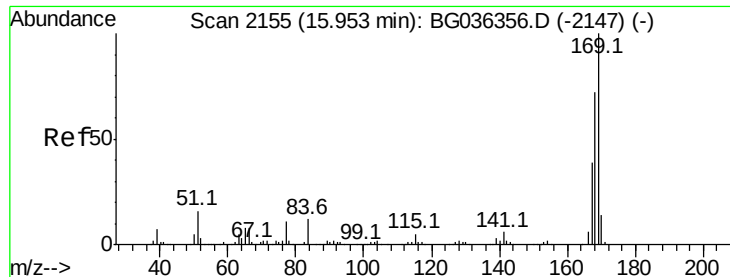
Tot Ion:188 Resp: 404221
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.0 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 30.952 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Tgt Ion:198 Resp: 54961
Ion Ratio Lower Upper
198 100
51 45.8 26.5 66.5
105 43.4 20.2 60.2

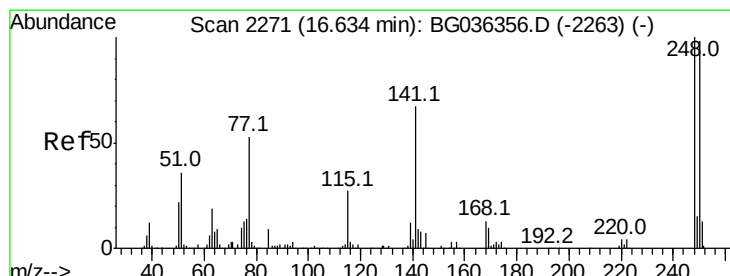
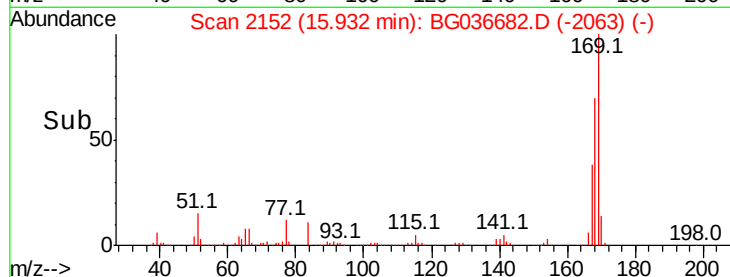
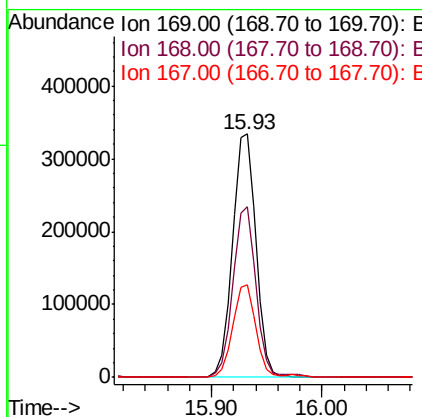
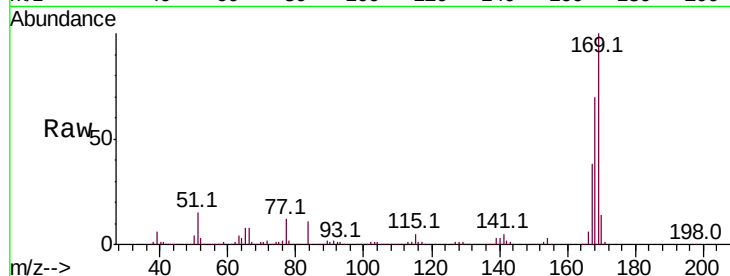




#65
 n-Nitrosodiphenylamine
 Concen: 41.487 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG036682.D
 Acq: 12 Sep 2018 21:01

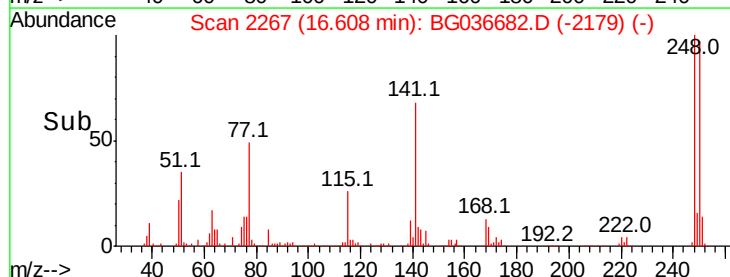
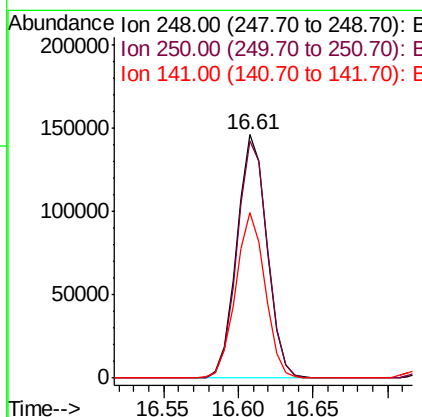
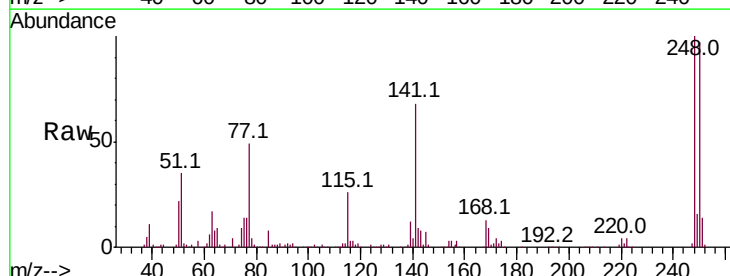
Instrument :
 BNA_G
 ClientSampleId :
 PB112784BS

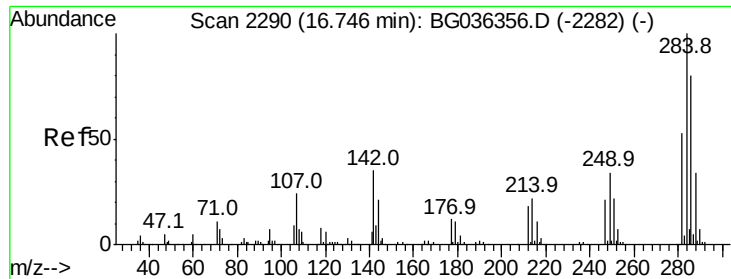
Tot Ion	Ratio	Lower	Upper
169	100		
168	70.0	57.6	86.4
167	37.8	31.0	46.4



#66
 4-Bromophenyl-phenylether
 Concen: 43.223 ng
 RT: 16.61 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BG036682.D
 Acq: 12 Sep 2018 21:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.1	117.1
141	67.8	53.7	80.5





#67

Hexachlorobenzene

Concen: 42.937 ng

RT: 16.73 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

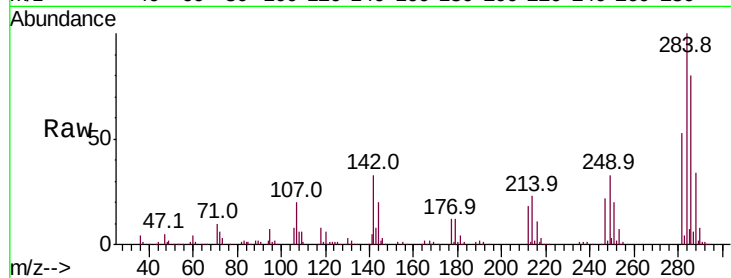
Tot Ion:284 Resp: 207785

Ion Ratio Lower Upper

284 100

142 32.8 27.8 41.6

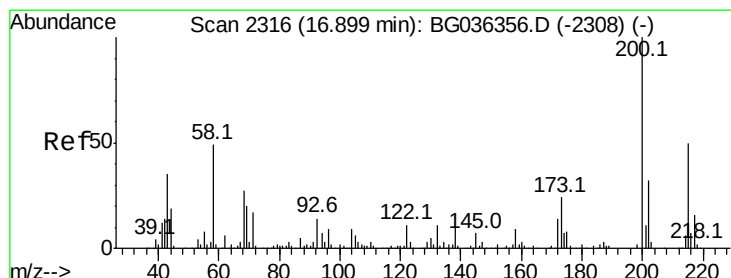
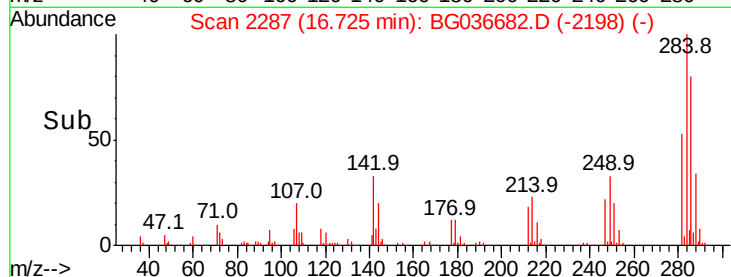
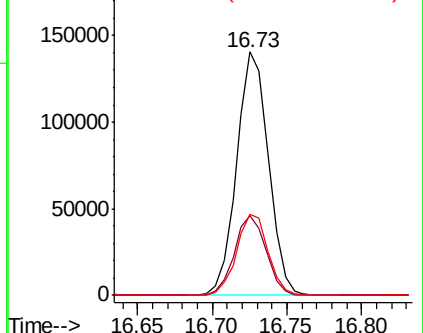
249 33.4 27.4 41.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.947 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

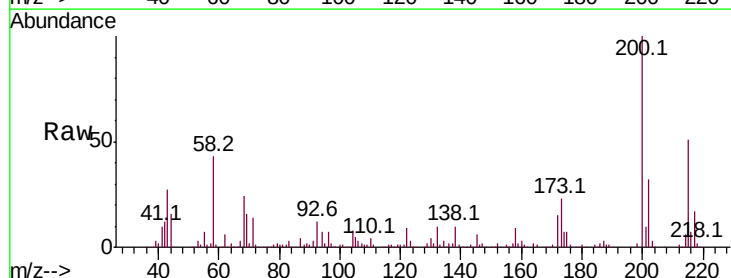
Tgt Ion:200 Resp: 207141

Ion Ratio Lower Upper

200 100

173 23.1 3.9 43.9

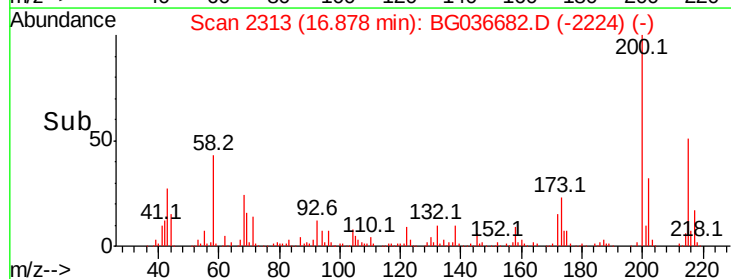
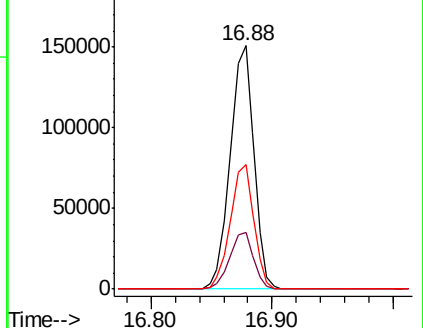
215 51.3 30.4 70.4

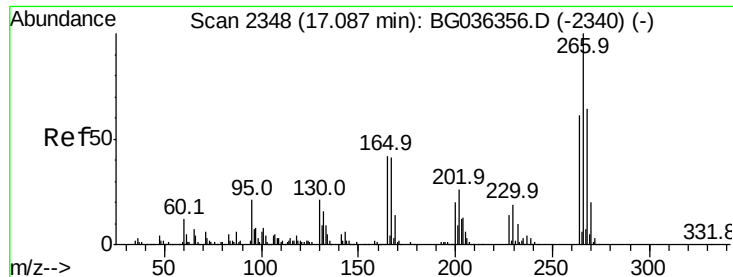


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

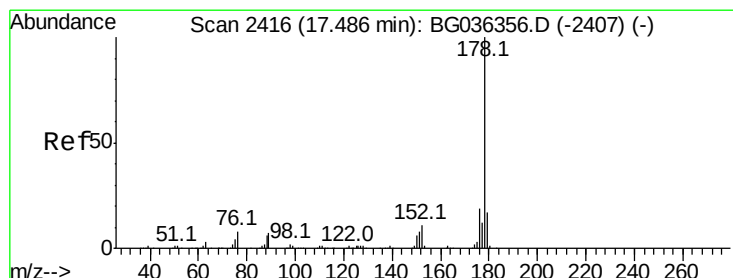
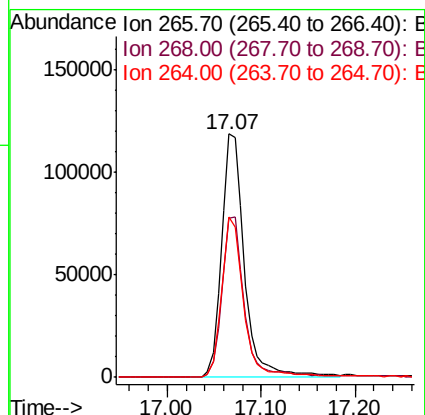
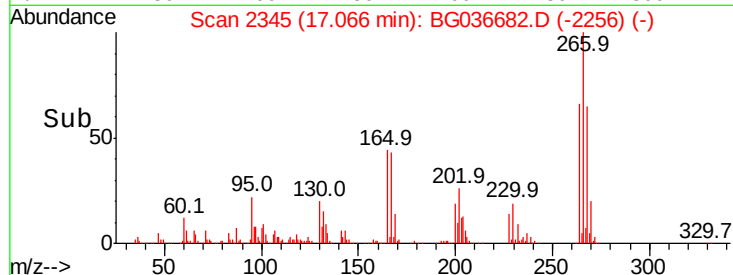
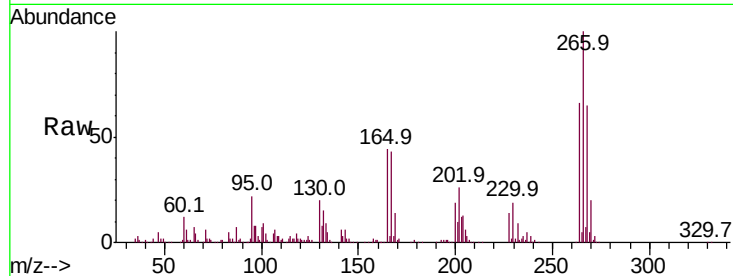




#69
 Pentachlorophenol
 Concen: 61.646 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036682.D
 Acq: 12 Sep 2018 21:01

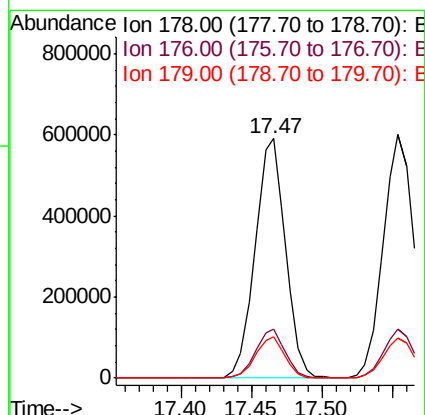
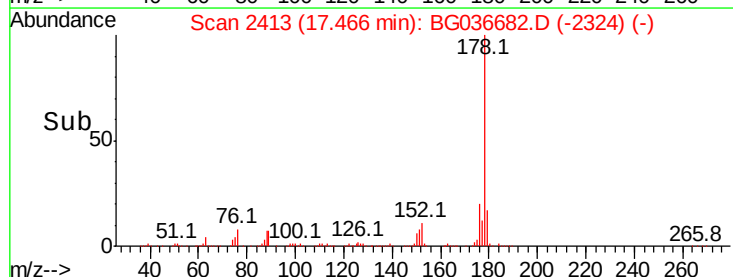
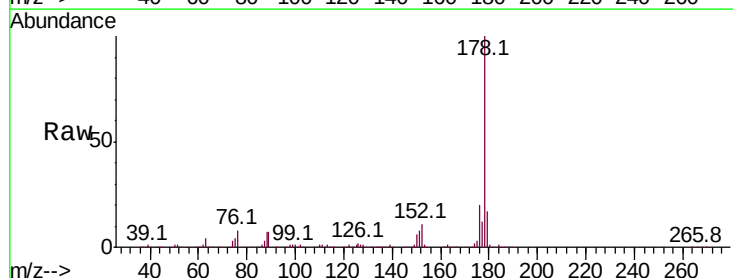
Instrument :
 BNA_G
 ClientSampleId :
 PB112784BS

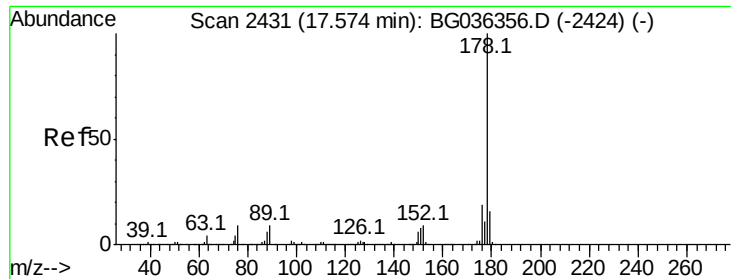
Tot Ion:	266	Resp:	202751
Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.4	77.2
264	66.0	48.9	73.3



#70
 Phenanthrene
 Concen: 43.397 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG036682.D
 Acq: 12 Sep 2018 21:01

Tgt Ion:	178	Resp:	891361
Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	17.2	13.4	20.2

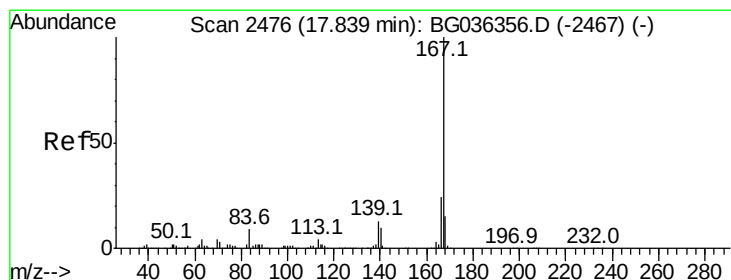
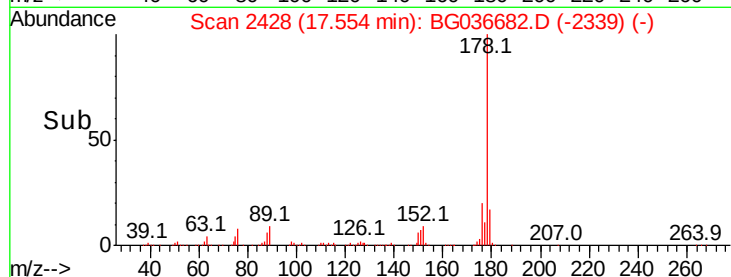
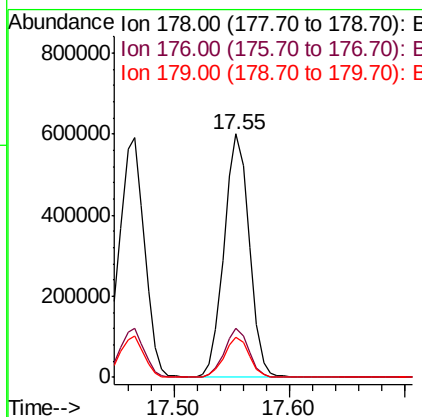
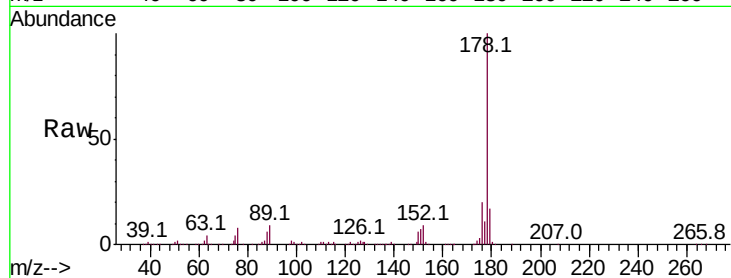




#71
 Anthracene
 Concen: 44.241 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036682.D
 Acq: 12 Sep 2018 21:01

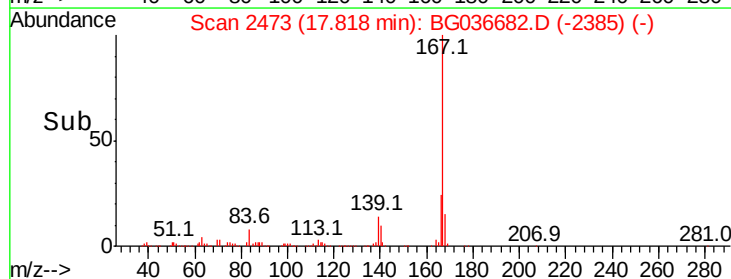
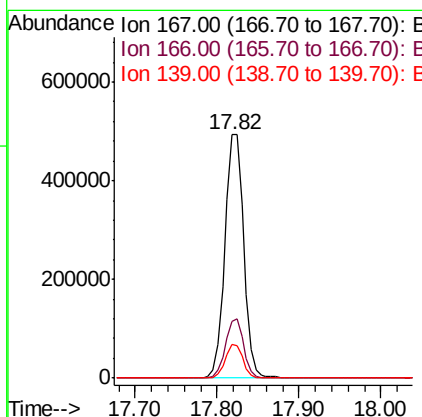
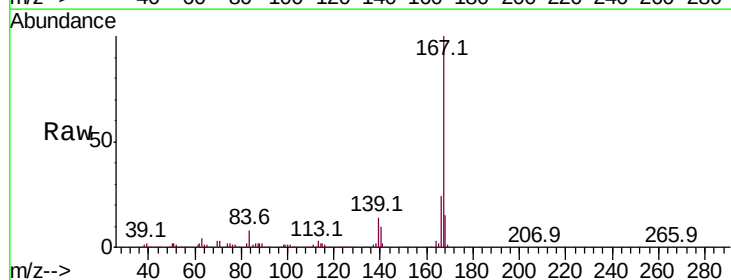
Instrument :
 BNA_G
 ClientSampleId :
 PB112784BS

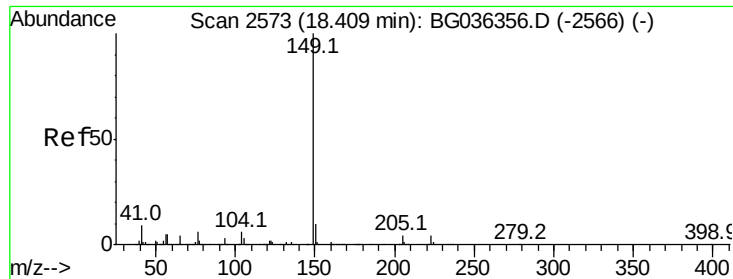
Tot Ion:178 Resp: 905799
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 16.6 13.0 19.4



#72
 Carbazole
 Concen: 38.776 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036682.D
 Acq: 12 Sep 2018 21:01

Tgt Ion:167 Resp: 792876
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.5 29.3
 139 13.7 10.7 16.1





#73

Di-n-butylphthalate

Concen: 39.090 ng

RT: 18.38 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

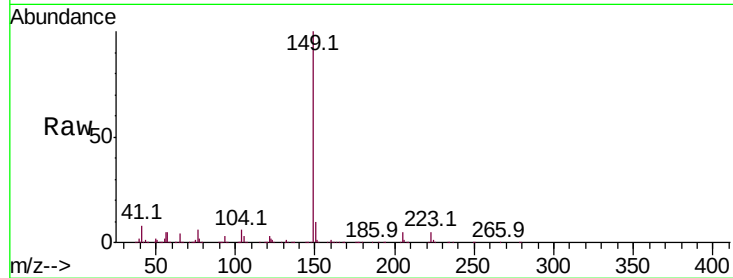
Tot Ion:149 Resp: 890063

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

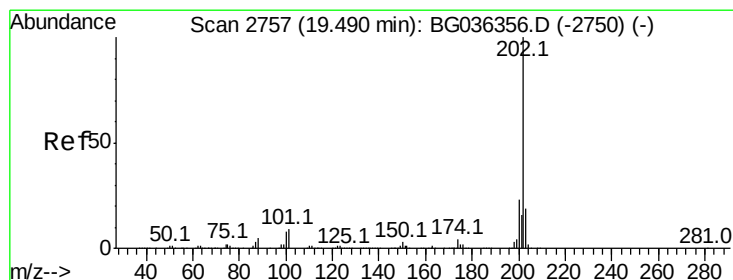
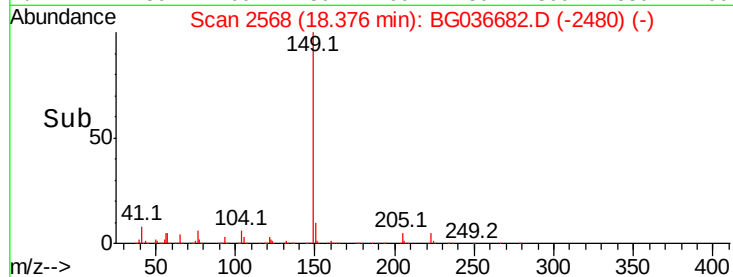
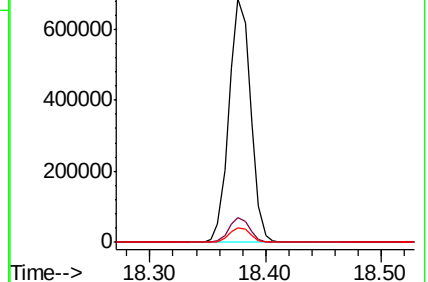
104 6.2 4.6 6.8



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: 43.560 ng

RT: 19.47 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

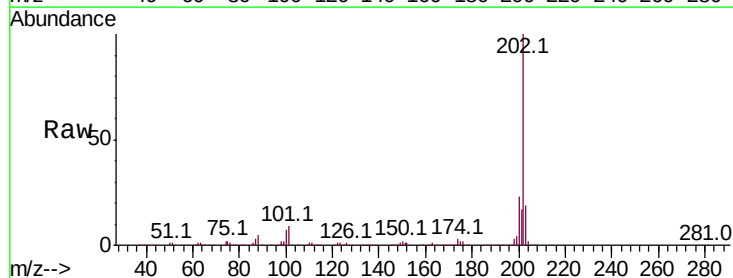
Tgt Ion:202 Resp: 1090840

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.4

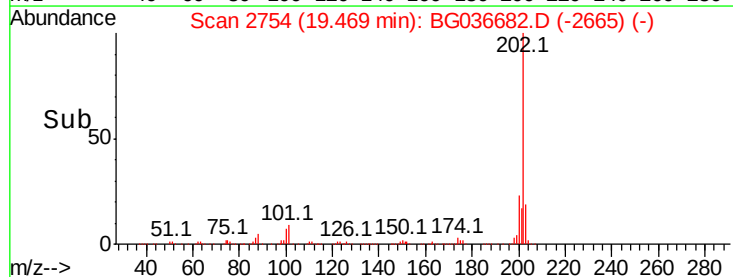
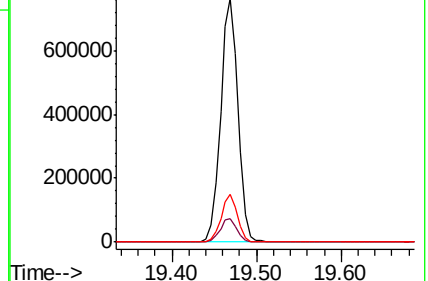
203 19.5 0.0 38.9

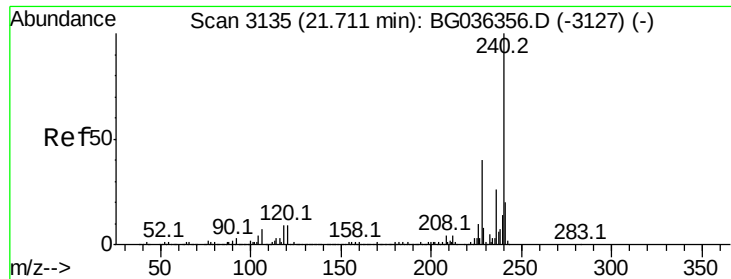


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

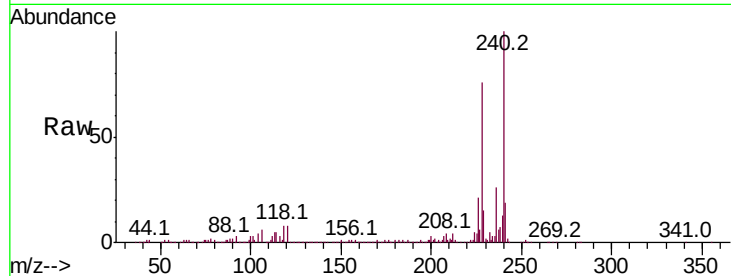
Tot Ion:240 Resp: 412635

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

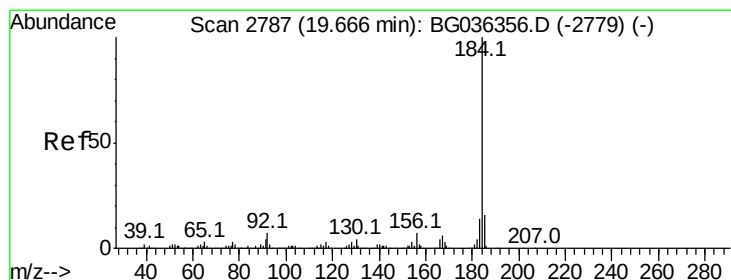
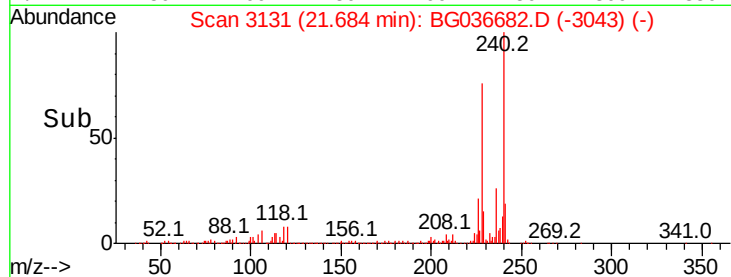
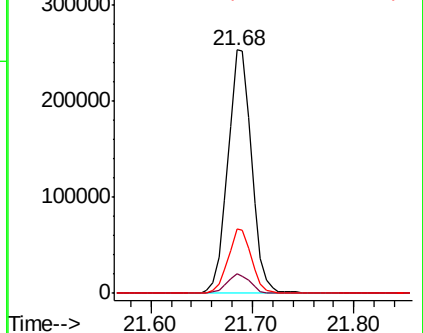
236 26.3 21.2 31.8



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: 16.716 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

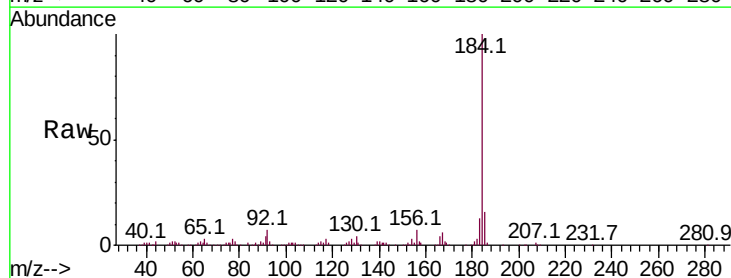
Tgt Ion:184 Resp: 220065

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

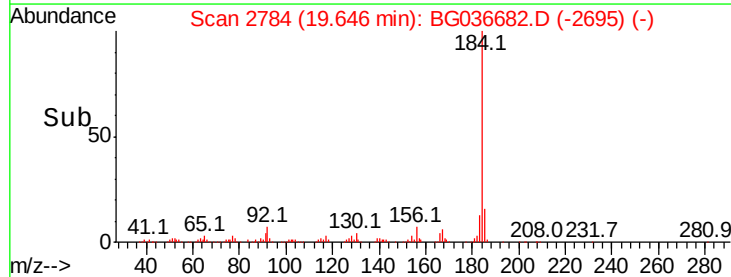
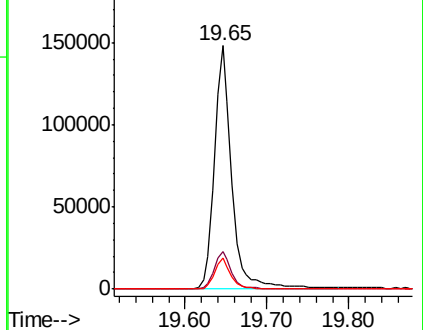
183 12.7 10.9 16.3

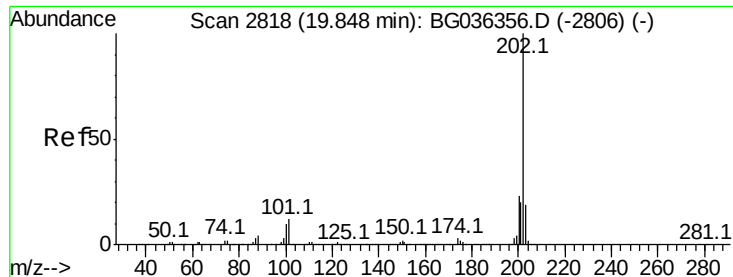


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

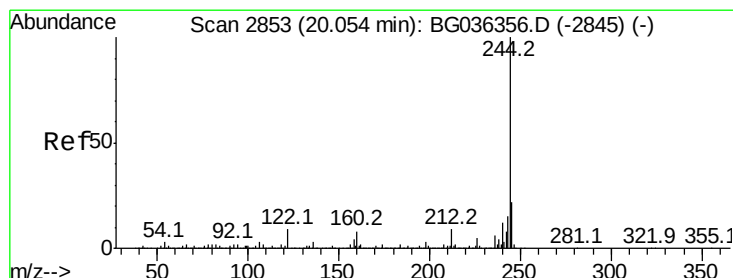
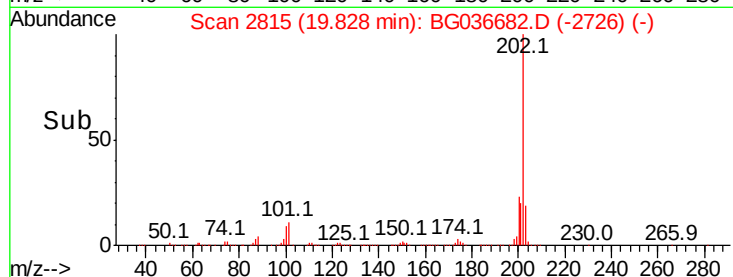
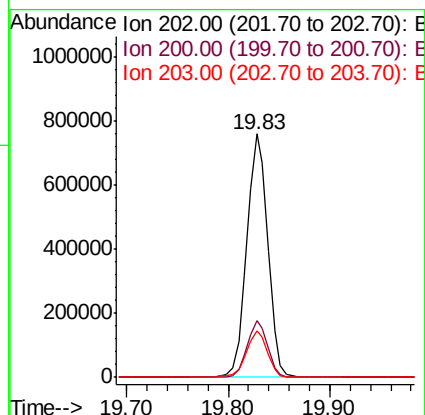
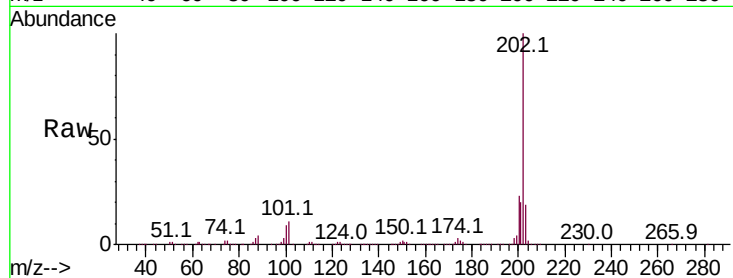




#77
Pvrene
Concen: 42.841 ng
RT: 19.83 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

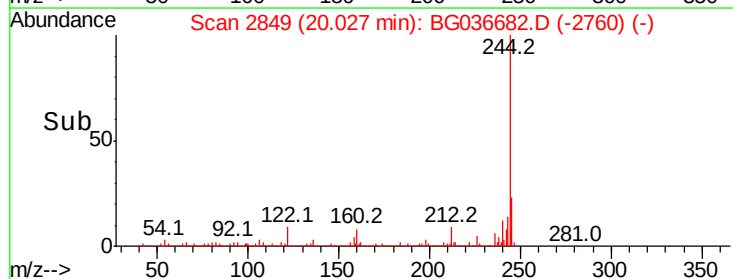
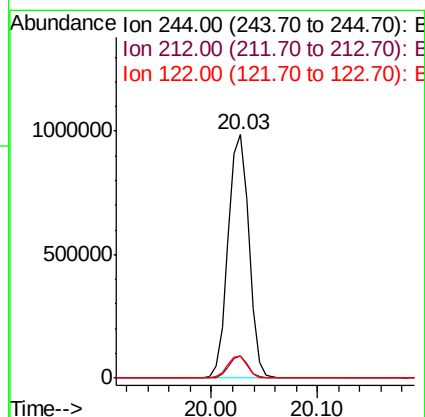
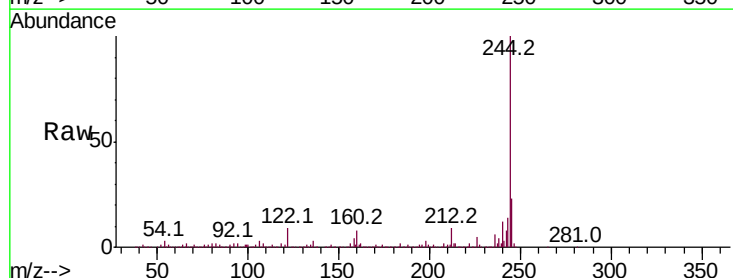
Instrument :
BNA_G
ClientSampleId :
PB112784BS

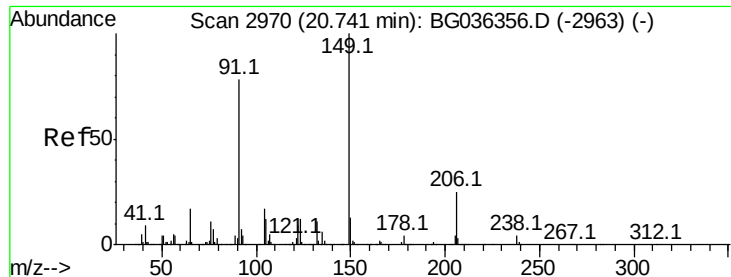
Tot Ion:202 Resp: 1087069
Ion Ratio Lower Upper
202 100
200 23.3 18.3 27.5
203 19.3 15.1 22.7



#78
Terphenyl-d14
Concen: 76.110 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG036682.D
Acq: 12 Sep 2018 21:01

Tgt Ion:244 Resp: 1343648
Ion Ratio Lower Upper
244 100
212 8.9 7.0 10.6
122 9.1 7.1 10.7

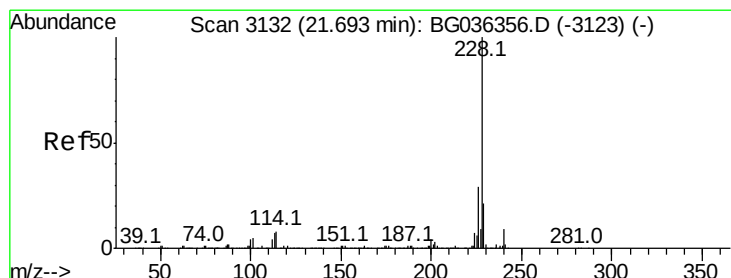
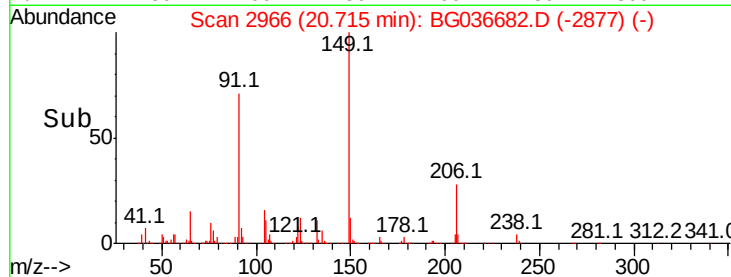
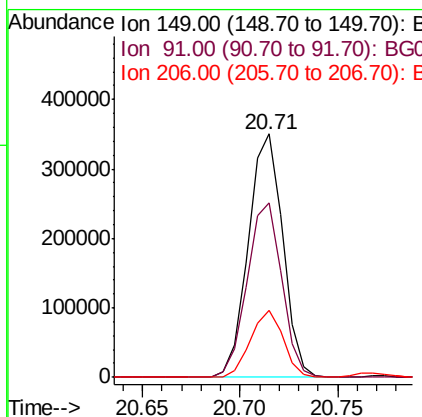
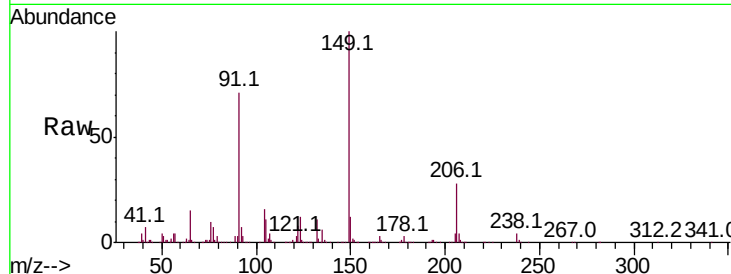




#79
 Butylbenzylphthalate
 Concen: 42.488 ng
 RT: 20.71 min Scan# 2966
 Delta R.T. -0.00 min
 Lab File: BG036682.D
 Acq: 12 Sep 2018 21:01

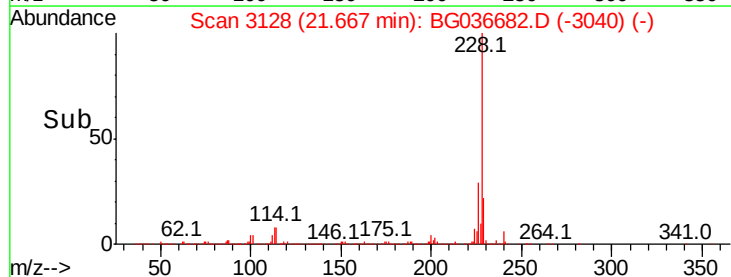
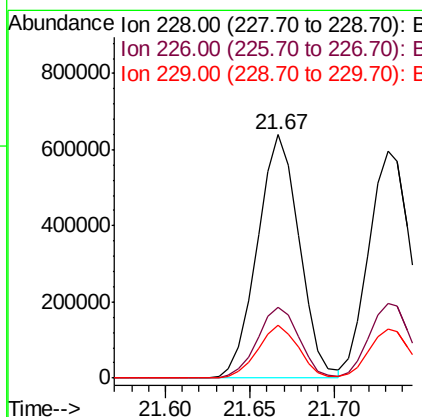
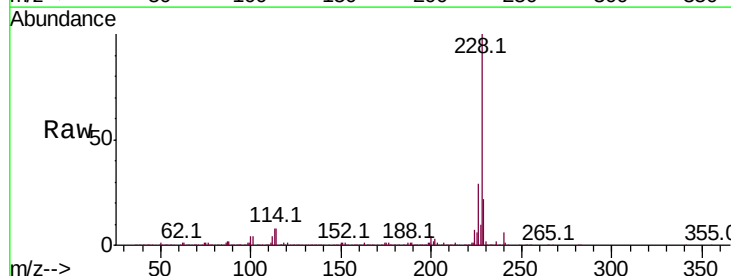
Instrument :
 BNA_G
 ClientSampleId :
 PB112784BS

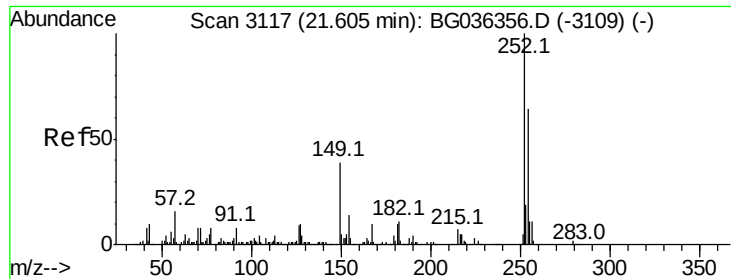
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.4	62.0	93.0
206	27.6	19.6	29.4



#80
 Benzo(a)anthracene
 Concen: 43.980 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG036682.D
 Acq: 12 Sep 2018 21:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	21.7	17.1	25.7





#81

3,3'-Dichlorobenzidine

Concen: 16.724 ng

RT: 21.58 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

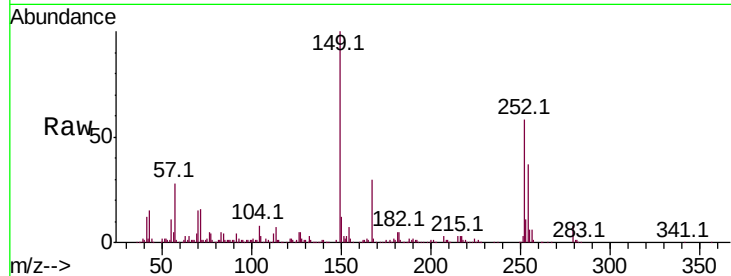
Tot Ion:252 Resp: 166615

Ion Ratio Lower Upper

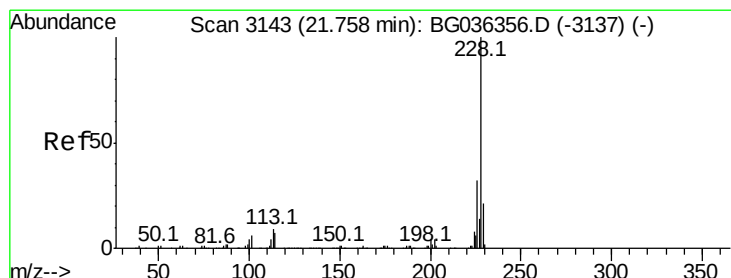
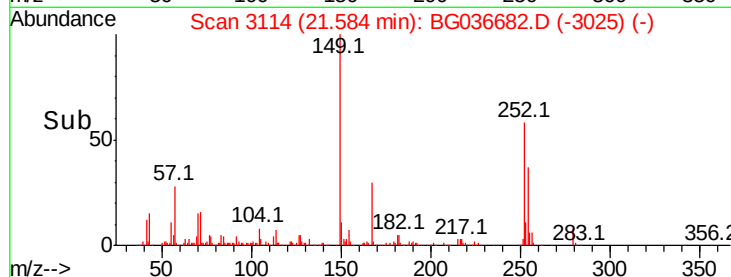
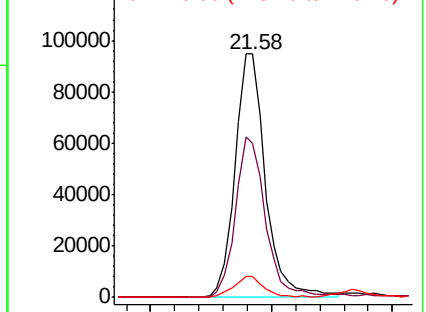
252 100

254 63.2 51.0 76.4

126 8.4 7.4 11.0



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: 43.141 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

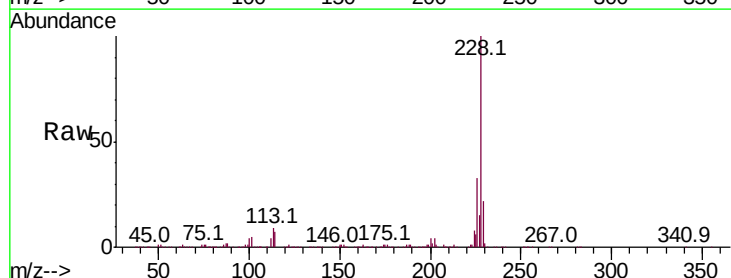
Tgt Ion:228 Resp: 1022209

Ion Ratio Lower Upper

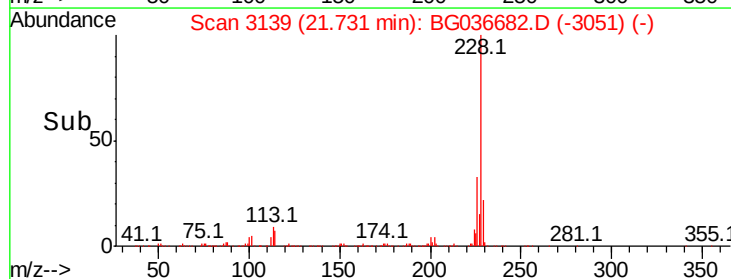
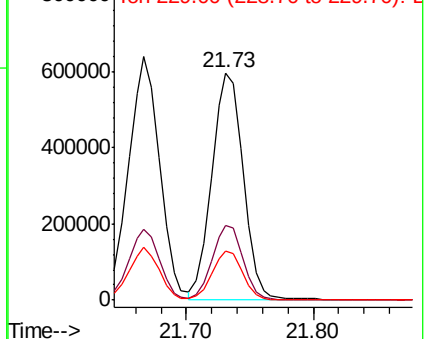
228 100

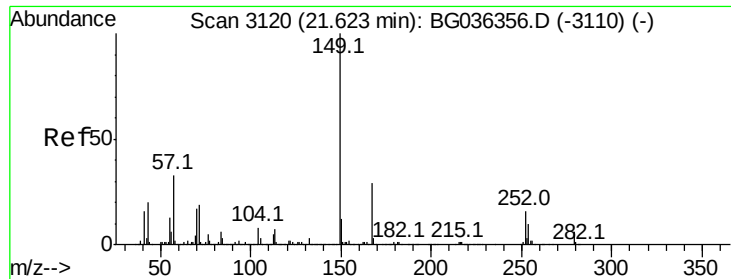
226 33.0 25.5 38.3

229 21.6 16.9 25.3



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

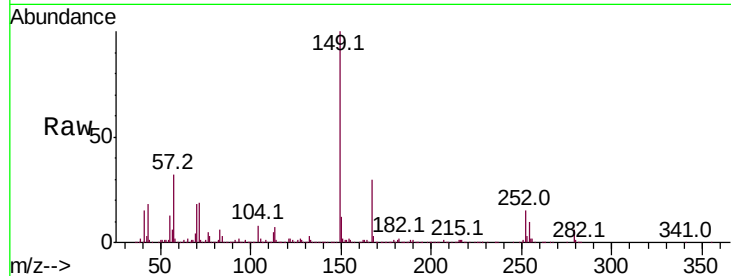




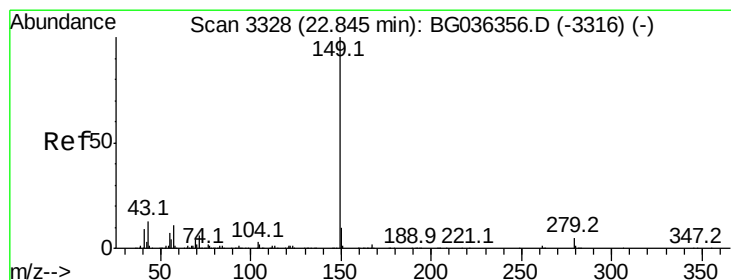
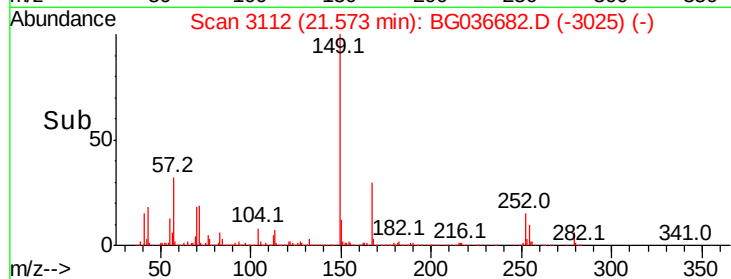
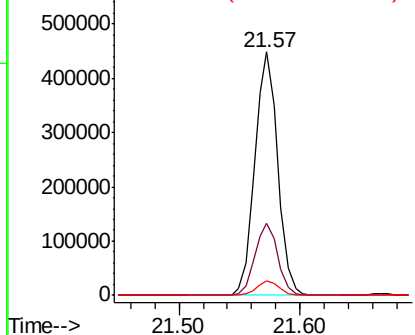
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.757 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BG036682.D
 Acq: 12 Sep 2018 21:01

Instrument :
 BNA_G
 ClientSampleId :
 PB112784BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.4	35.0
279	6.2	4.6	7.0

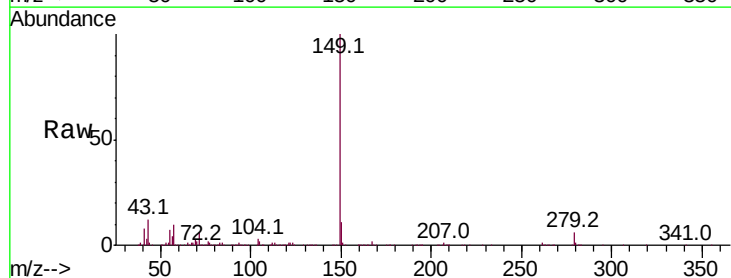


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

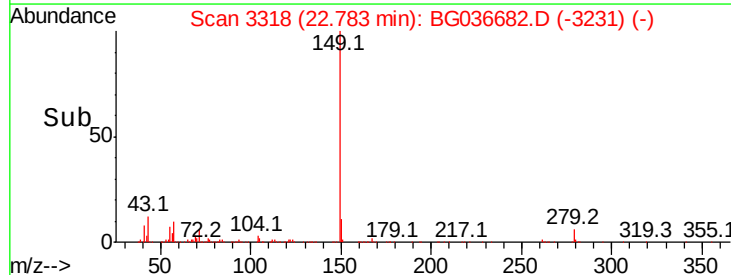
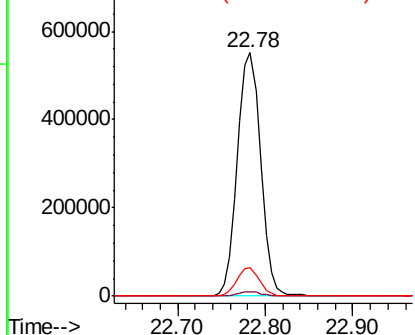


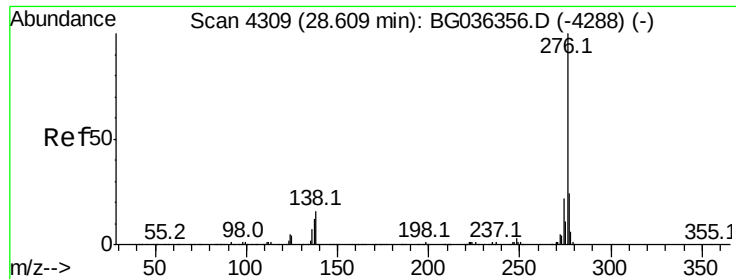
#84
 Di-n-octyl phthalate
 Concen: 42.019 ng
 RT: 22.78 min Scan# 3318
 Delta R.T. -0.02 min
 Lab File: BG036682.D
 Acq: 12 Sep 2018 21:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	11.2	10.0	15.0



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: 38.448 ng

RT: 28.54 min Scan# 4298

Delta R.T. -0.02 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

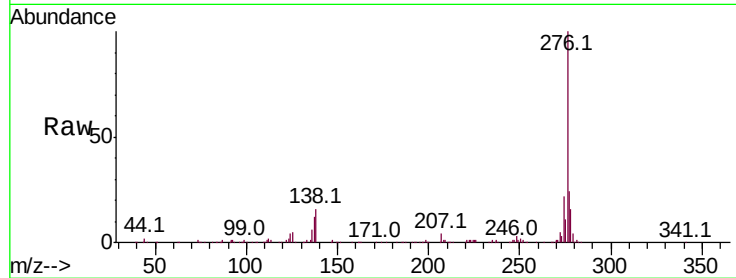
Tot Ion:276 Resp: 1058132

Ion Ratio Lower Upper

276 100

138 11.5 10.6 15.8

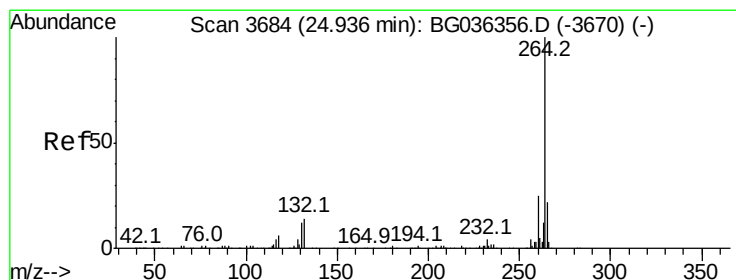
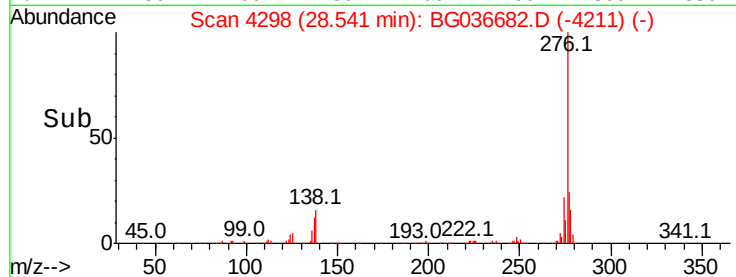
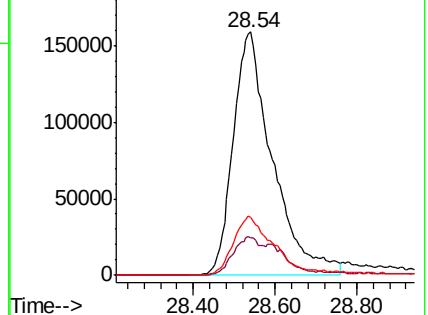
277 24.6 20.6 30.8



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: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

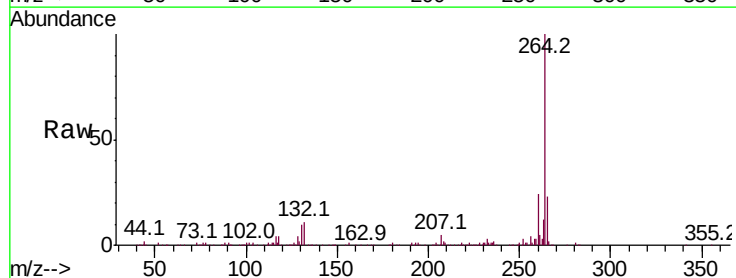
Tgt Ion:264 Resp: 426067

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

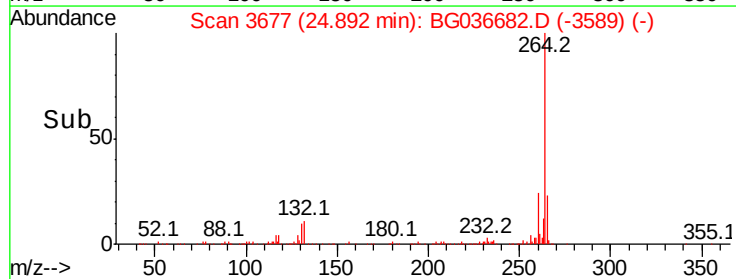
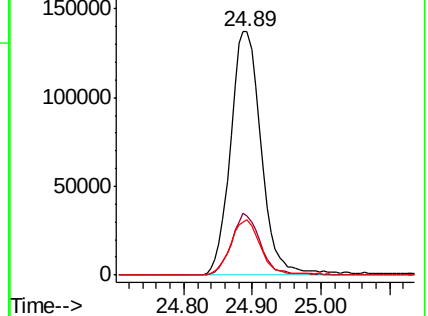
265 23.0 17.4 26.0

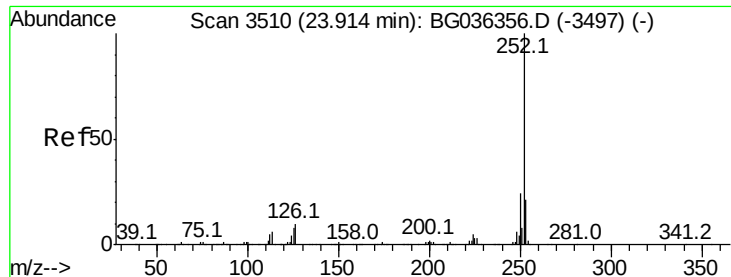


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.441 ng

RT: 23.88 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

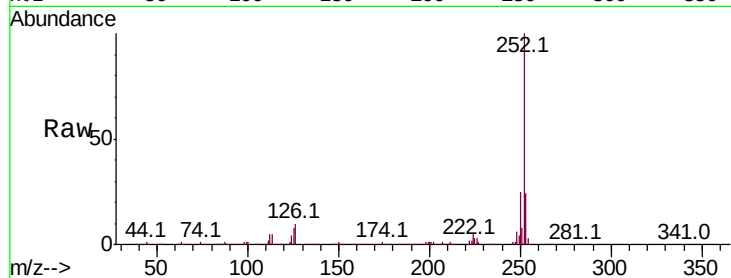
Tot Ion:252 Resp: 1098771

Ion Ratio Lower Upper

252 100

253 23.9 17.1 25.7

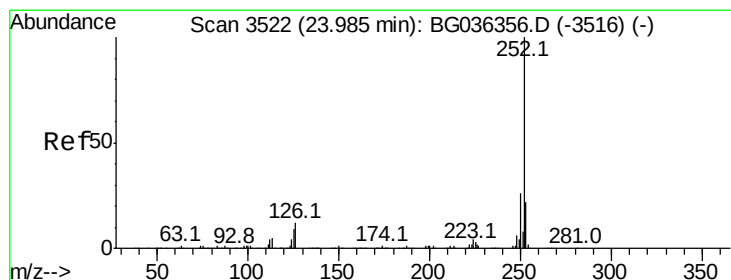
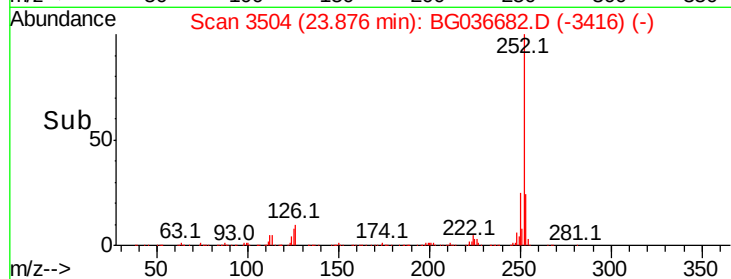
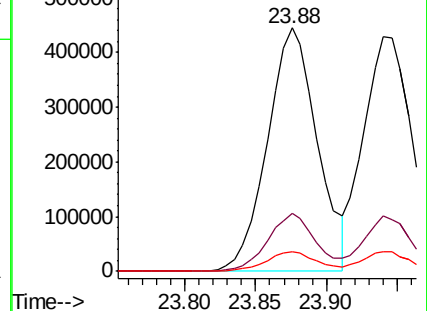
125 7.8 6.6 10.0



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



#88

Benzo(k)fluoranthene

Concen: 45.542 ng

RT: 23.94 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

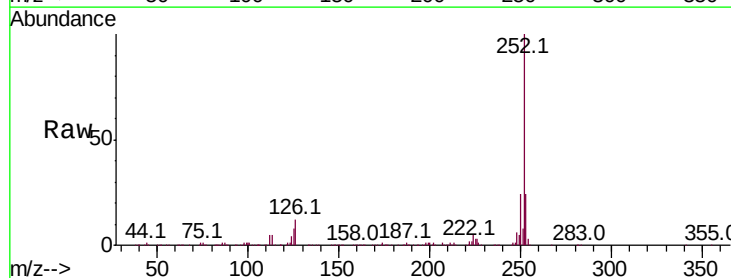
Tgt Ion:252 Resp: 1052663

Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

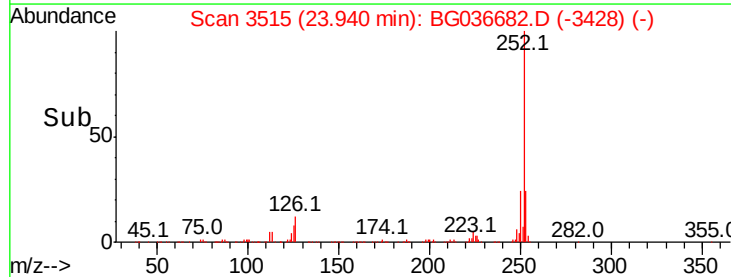
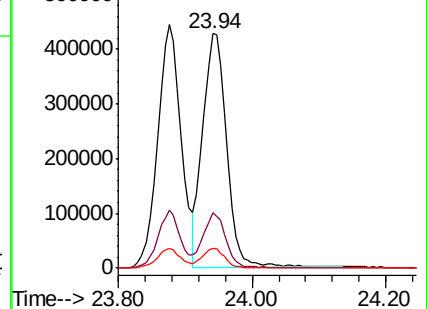
125 8.3 7.0 10.6

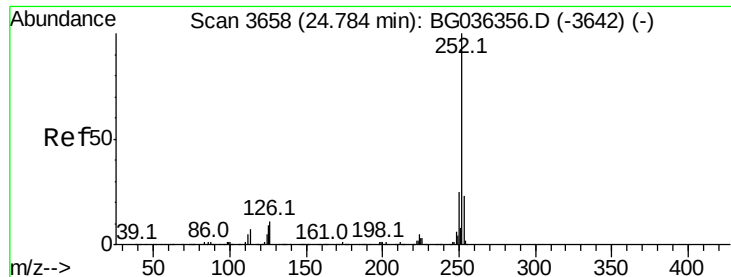


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.013 ng

RT: 24.74 min Scan# 3651

Delta R.T. -0.02 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

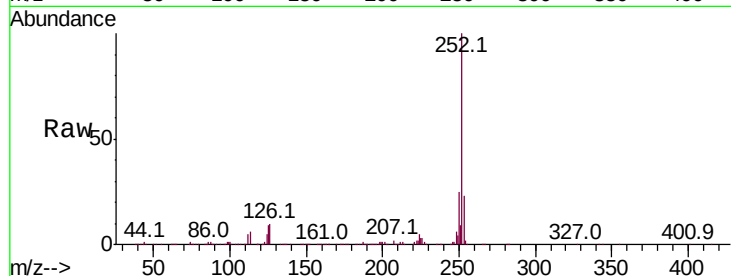
Tot Ion:252 Resp: 1046109

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

125 9.2 7.3 10.9

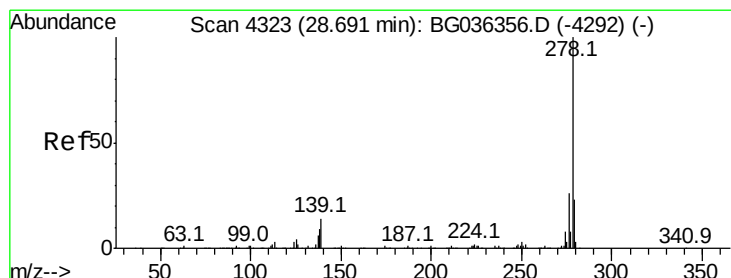
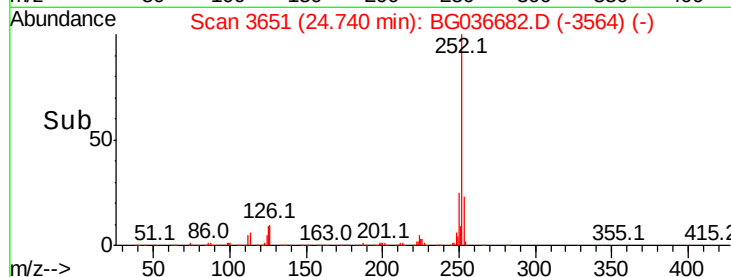
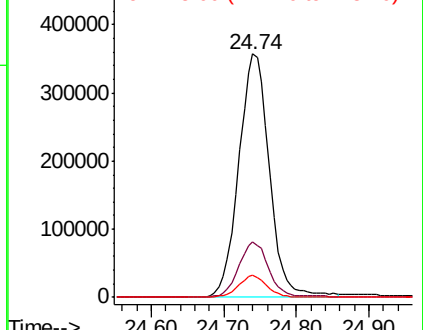


Abundance

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: 35.756 ng

RT: 28.60 min Scan# 4308

Delta R.T. -0.03 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

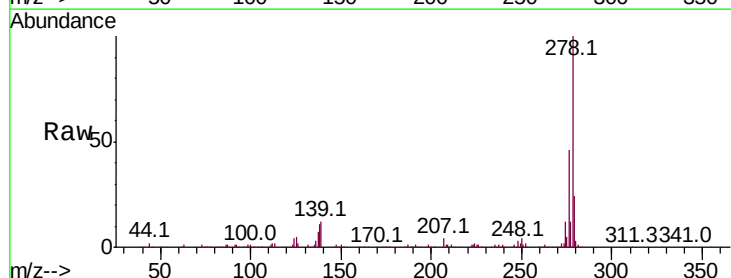
Tgt Ion:278 Resp: 784791

Ion Ratio Lower Upper

278 100

139 12.0 11.0 16.4

279 24.5 18.7 28.1

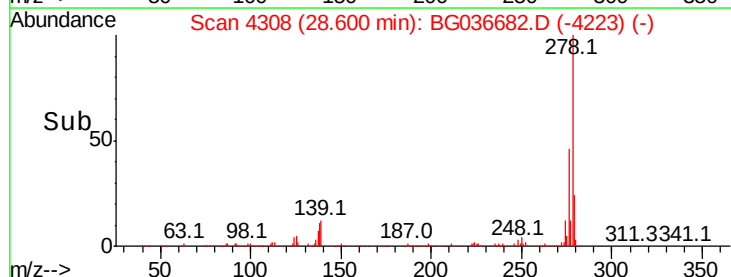
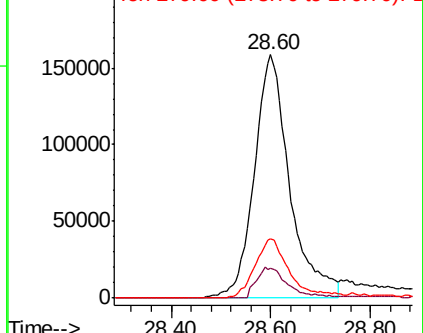


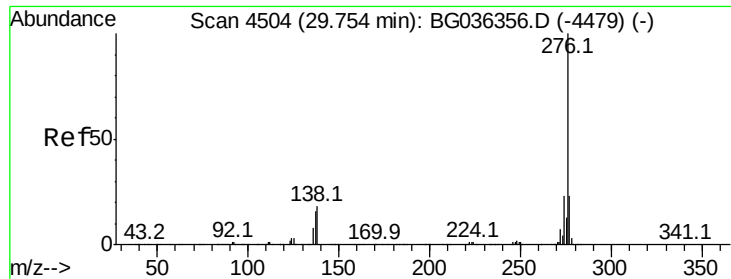
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.114 ng

RT: 29.67 min Scan# 4491

Delta R.T. -0.02 min

Lab File: BG036682.D

Acq: 12 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB112784BS

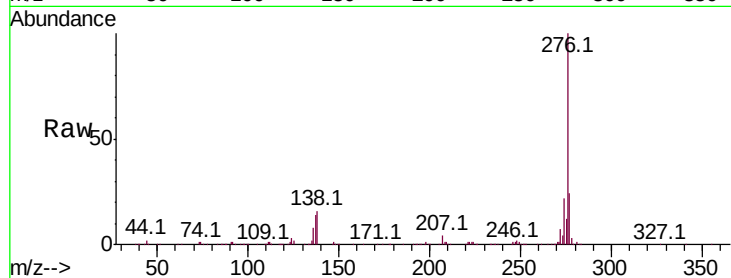
Tot Ion:276 Resp: 884762

Ion Ratio Lower Upper

276 100

277 23.8 18.4 27.6

138 15.9 14.6 22.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

