

Data File : BG036744.D
Acq On : 15 Sep 2018 16:55
Operator : JU/SJ
Sample : PB112846BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Quant Time: Sep 17 03:50:37 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	51931	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	221124	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	156493	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	408265	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	412755	20.00	ng	-0.01
86) Perylene-d12	24.89	264	435959	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	429425	131.17	ng	0.00
7) Phenol-d6	7.21	99	608210	129.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	370559	90.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	286607	153.49	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	893041	81.48	ng	-0.01
78) Terphenyl-d14	20.03	244	1560935	88.39	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	48383	31.668 ng	96
3) Pyridine	3.92	79	150620	35.122 ng	98
4) n-Nitrosodimethylamine	3.83	42	82416	43.147 ng	96
6) Aniline	7.37	93	153408	25.785 ng	97
8) 2-Chlorophenol	7.62	128	157636	44.402 ng	98
9) Benzaldehyde	7.18	77	79219	24.543 ng	95
10) Phenol	7.24	94	225261	45.924 ng	97
11) bis(2-Chloroethyl)ether	7.47	93	150323	38.657 ng	99
12) 1,3-Dichlorobenzene	7.94	146	160916	39.695 ng	97
13) 1,4-Dichlorobenzene	8.09	146	161935	39.566 ng	98
14) 1,2-Dichlorobenzene	8.40	146	154745	39.590 ng	96
15) Benzyl Alcohol	8.29	79	162818	43.090 ng	94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	295904	37.732 ng	99
17) 2-Methylphenol	8.49	107	152518	46.828 ng	98
18) Hexachloroethane	9.13	117	59935	40.844 ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	136807	39.054 ng	97
20) 3+4-Methylphenols	8.82	107	213333	46.915 ng	98
22) Acetophenone	8.87	105	246312	42.419 ng	98
24) Nitrobenzene	9.25	77	199642	45.427 ng	99
25) Isophorone	9.77	82	390048	48.177 ng	98
26) 2-Nitrophenol	9.96	139	93748	53.832 ng	99
27) 2,4-Dimethylphenol	10.02	122	174243	54.043 ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	222349	44.749 ng	97
29) 2,4-Dichlorophenol	10.50	162	187113	52.954 ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	174155	42.131 ng	98
31) Naphthalene	10.91	128	503887	45.585 ng	99
32) Benzoic acid	10.02	122	174243	70.571 ng	# 13
33) 4-Chloroaniline	11.01	127	122882	24.260 ng	99
34) Hexachlorobutadiene	11.19	225	116472	41.937 ng	98
35) Caprolactam	11.79	113	71210	50.589 ng	93
36) 4-Chloro-3-methylphenol	12.12	107	211422	51.493 ng	99
37) 2-Methylnaphthalene	12.51	142	407749	50.414 ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	233710	42.200 ng	99
40) Hexachlorocyclopentadiene	12.85	237	290110	100.681 ng	98

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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	169629	50.282	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	180593	50.189	ng	98
45) 1,1'-Biphenyl	13.51	154	537106	41.347	ng	99
46) 2-Chloronaphthalene	13.55	162	414624	41.810	ng	99
47) 2-Nitroaniline	13.75	65	157152	50.465	ng	97
48) Acenaphthylene	14.40	152	723466	46.680	ng	99
49) Dimethylphthalate	14.13	163	585597	45.827	ng	99
50) 2,6-Dinitrotoluene	14.25	165	130424	49.601	ng	97
51) Acenaphthene	14.74	154	422241	42.539	ng	98
52) 3-Nitroaniline	14.57	138	86215	30.426	ng	98
53) 2,4-Dinitrophenol	14.79	184	8427	8.461	ng	97
54) Dibenzofuran	15.07	168	689603	44.346	ng	100
55) 4-Nitrophenol	14.88	139	200301	86.455	ng	98
56) 2,4-Dinitrotoluene	15.03	165	186006	54.277	ng	91
57) Fluorene	15.72	166	556429	47.865	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	181959	53.823	ng	95
59) Diethylphthalate	15.49	149	587287	45.604	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	321922	44.846	ng	98
61) 4-Nitroaniline	15.74	138	148301	50.014	ng	97
62) Azobenzene	16.01	77	580348	44.291	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	20301	11.320	ng	98
65) n-Nitrosodiphenylamine	15.93	169	525815	43.345	ng	97
66) 4-Bromophenyl-phenylether	16.61	248	216888	45.374	ng	98
67) Hexachlorobenzene	16.72	284	217931	44.588	ng	98
68) Atrazine	16.87	200	228537	50.191	ng	98
69) Pentachlorophenol	17.07	266	119762	36.053	ng	97
70) Phenanthrene	17.46	178	965280	46.530	ng	99
71) Anthracene	17.55	178	982888	47.530	ng	98
72) Carbazole	17.82	167	870685	42.160	ng	99
73) Di-n-butylphthalate	18.38	149	985224	42.841	ng	99
74) Fluoranthene	19.46	202	1172633	46.363	ng	98
76) Benzidine	19.64	184	451709	34.302	ng	98
77) Pyrene	19.83	202	1147563	45.212	ng	98
79) Butylbenzylphthalate	20.71	149	456494	45.192	ng	96
80) Benzo(a)anthracene	21.67	228	1171357	46.844	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	250535	25.140	ng	97
82) Chrysene	21.73	228	1093355	46.130	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	633240	44.798	ng	98
84) Di-n-octyl phthalate	22.78	149	1074986	45.530	ng	98
85) Indeno(1,2,3-cd)pyrene	28.53	276	1364307	49.559	ng	# 95
87) Benzo(b)fluoranthene	23.88	252	1177892	48.655	ng	98
88) Benzo(k)fluoranthene	23.94	252	1143558	48.351	ng	99
89) Benzo(a)pyrene	24.74	252	1150101	49.439	ng	99
90) Dibenzo(a,h)anthracene	28.60	278	1102213	49.079	ng	98
91) Benzo(g,h,i)perylene	29.68	276	1130764	50.104	ng	94

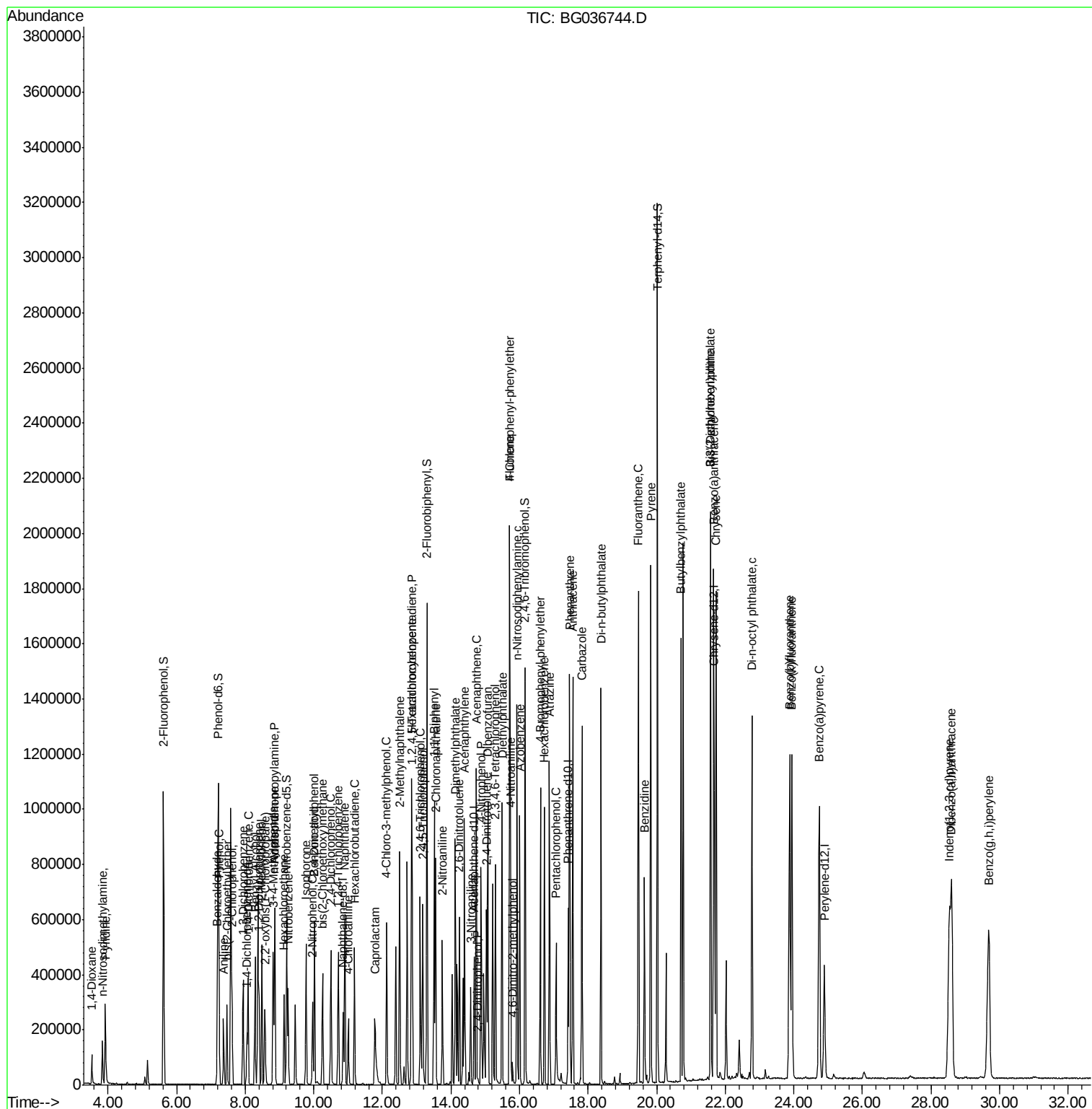
(#) = qualifier out of range (m) = manual integration (+) = signals summed

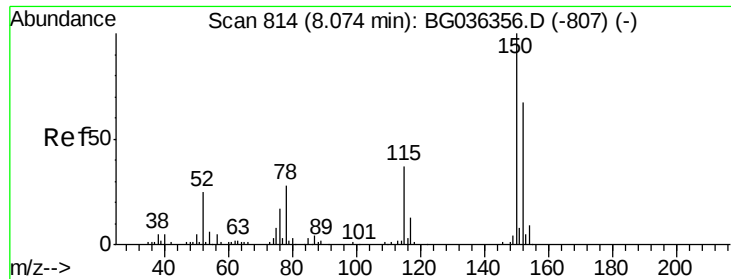
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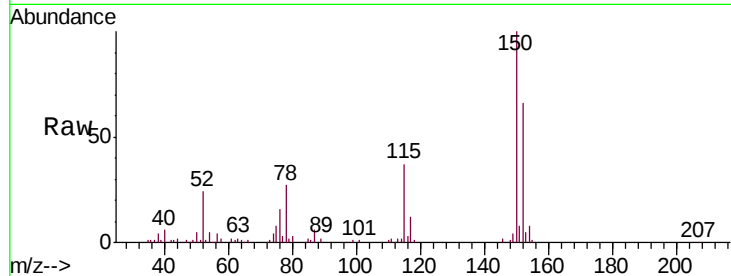


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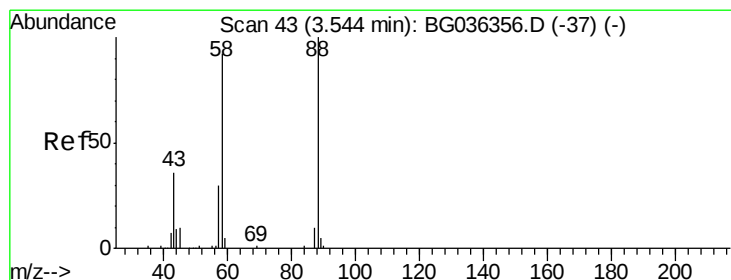
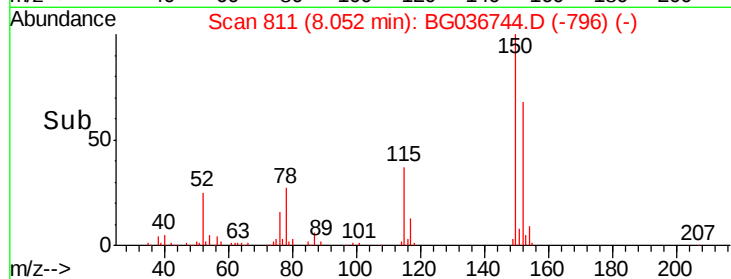
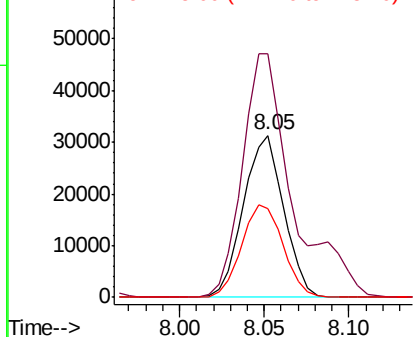
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tgt Ion:152 Resp: 51931
Ion Ratio Lower Upper
152 100
150 150.5 119.5 179.3
115 55.2 44.5 66.7



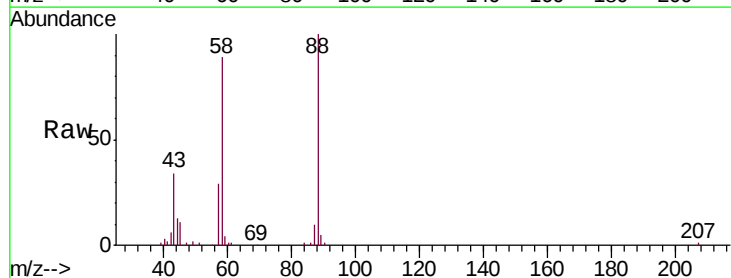
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



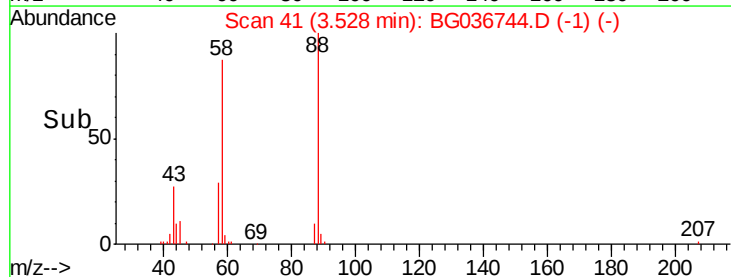
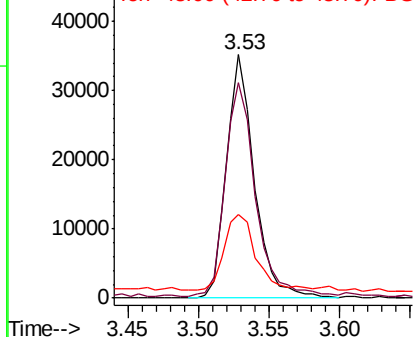
#2

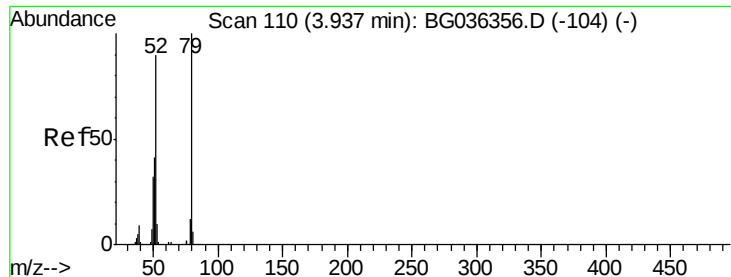
1,4-Dioxane
Concen: 31.668 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion: 88 Resp: 48383
Ion Ratio Lower Upper
88 100
58 94.9 72.6 109.0
43 35.2 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

Pyridine

Concen: 35.122 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleId :

PB112846BS

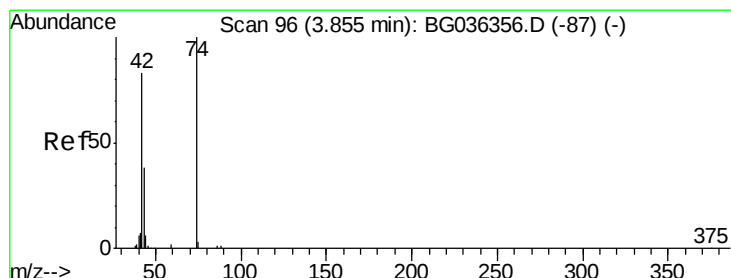
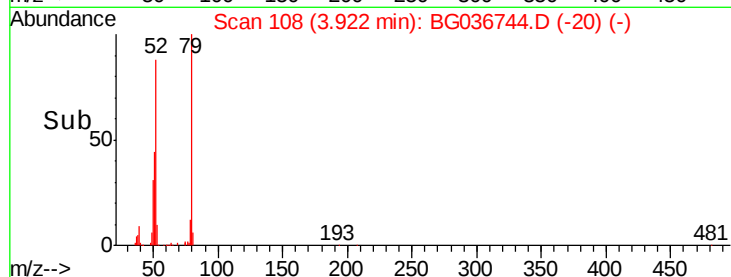
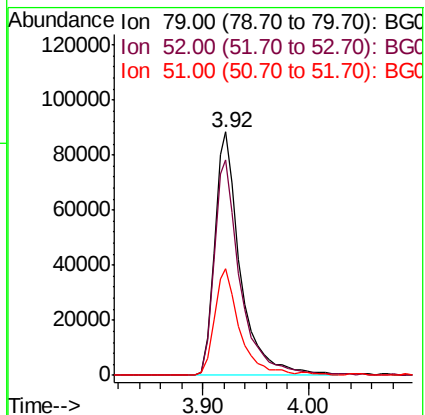
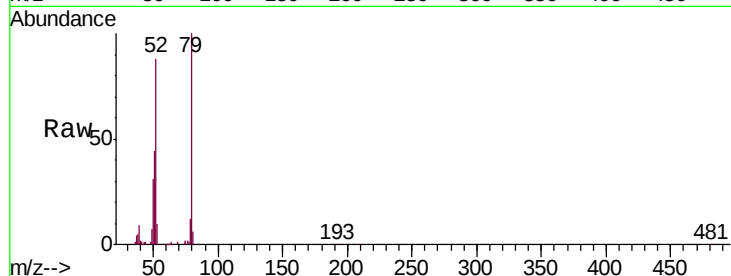
Tgt Ion: 79 Resp: 150620

Ion Ratio Lower Upper

79 100

52 88.4 72.3 108.5

51 43.8 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 43.147 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

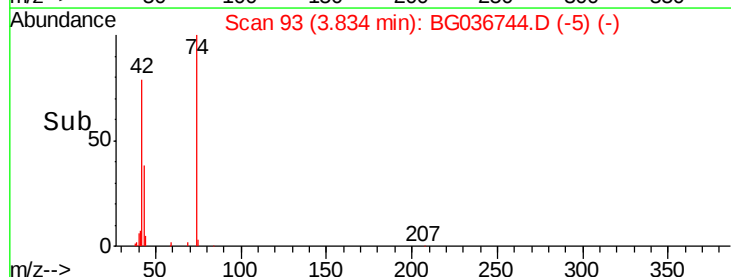
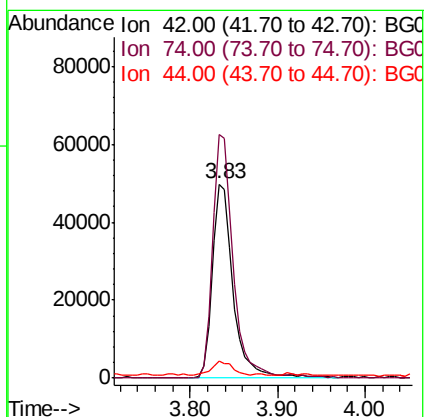
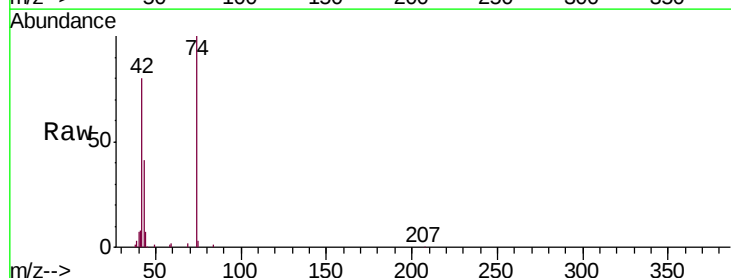
Tgt Ion: 42 Resp: 82416

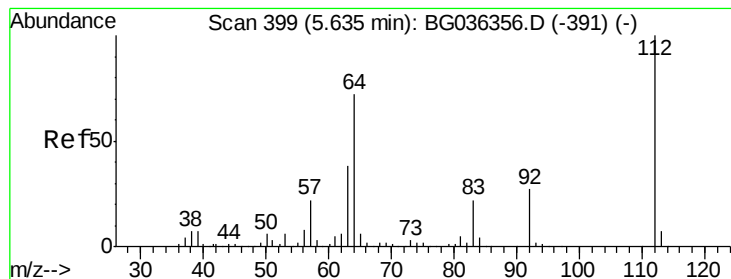
Ion Ratio Lower Upper

42 100

74 125.5 96.6 145.0

44 9.1 7.0 10.4





#5

2-Fluorophenol

Concen: 131.173 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

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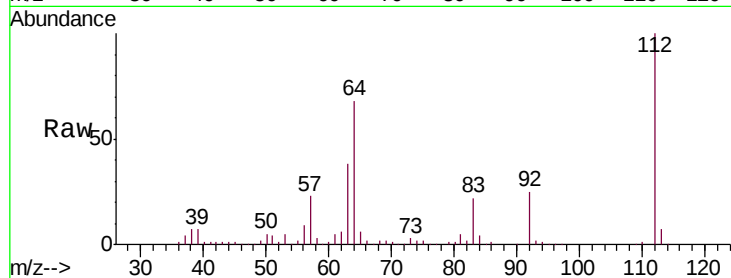
Tgt Ion: 112 Resp: 429425

Ion Ratio Lower Upper

112 100

64 67.8 57.2 85.8

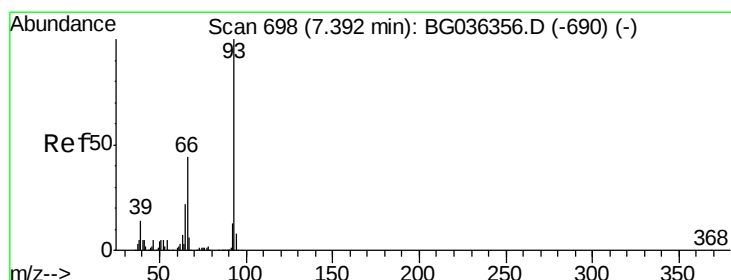
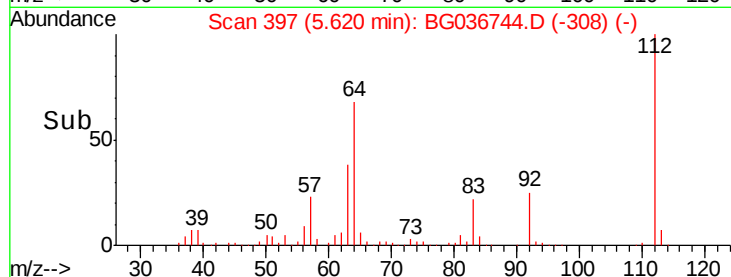
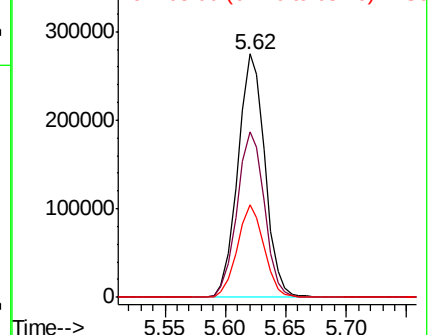
63 38.0 30.8 46.2



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: 25.785 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

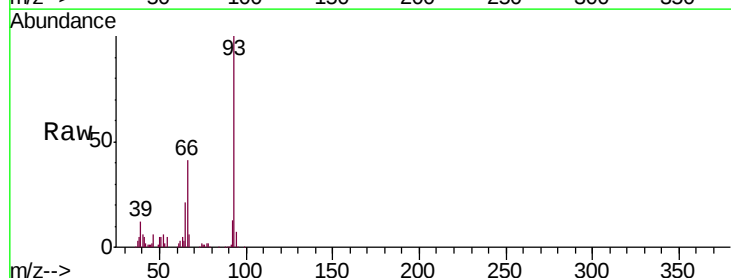
Tgt Ion: 93 Resp: 153408

Ion Ratio Lower Upper

93 100

66 41.1 35.0 52.4

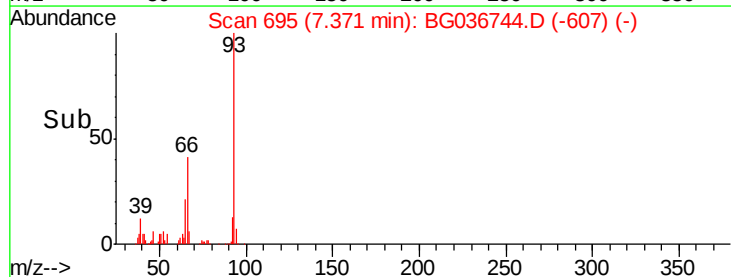
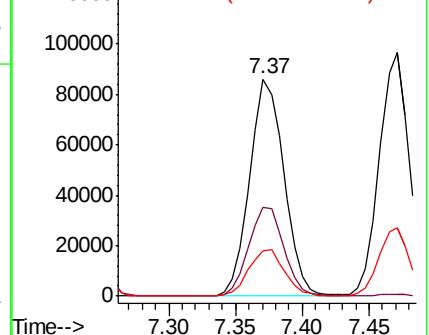
65 20.9 17.6 26.4

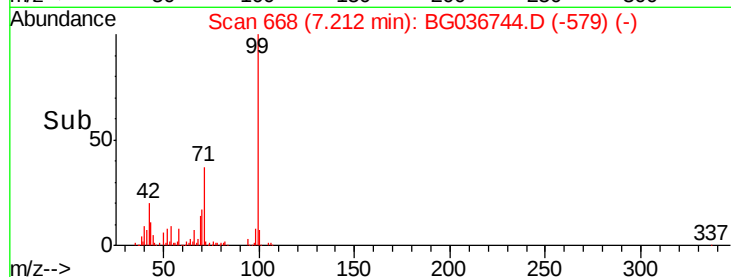
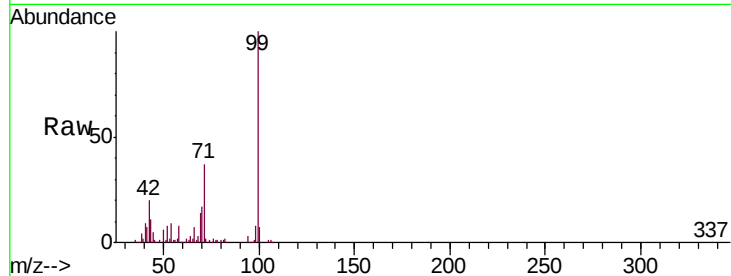
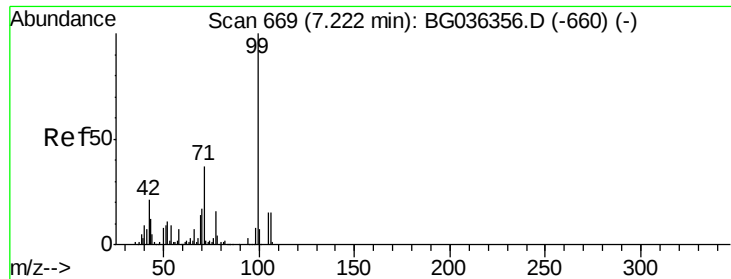


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.761 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

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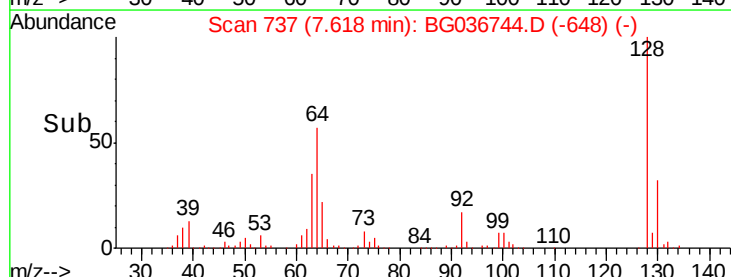
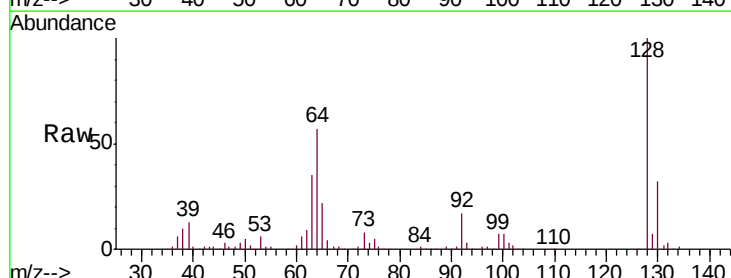
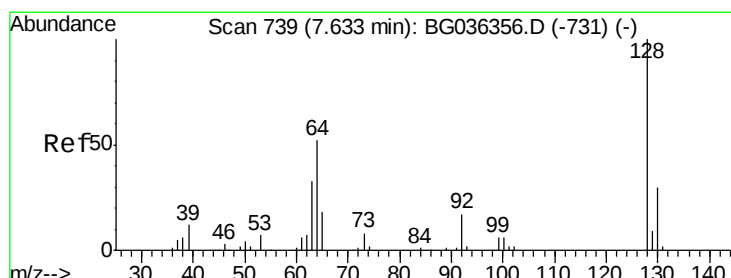
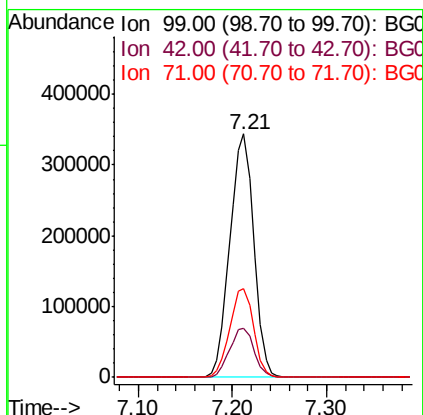
Tgt Ion: 99 Resp: 608210

Ion Ratio Lower Upper

99 100

42 19.9 16.5 24.7

71 36.7 29.4 44.2



#8

2-Chlorophenol

Concen: 44.402 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

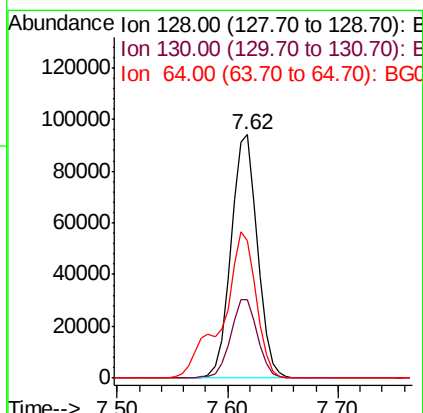
Tgt Ion: 128 Resp: 157636

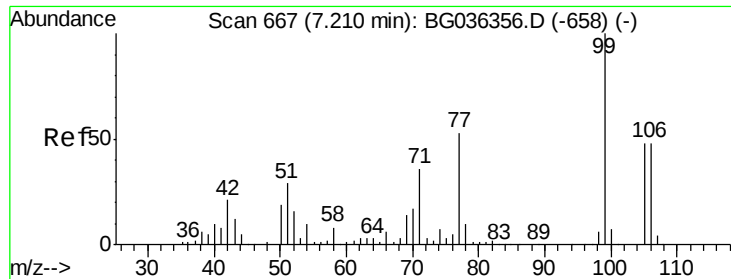
Ion Ratio Lower Upper

128 100

130 32.4 10.0 50.0

64 56.5 36.0 76.0





#9

Benzaldehyde

Concen: 24.543 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleId :

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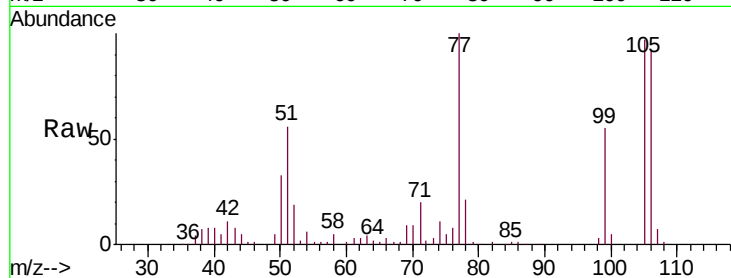
Tgt Ion: 77 Resp: 79219

Ion Ratio Lower Upper

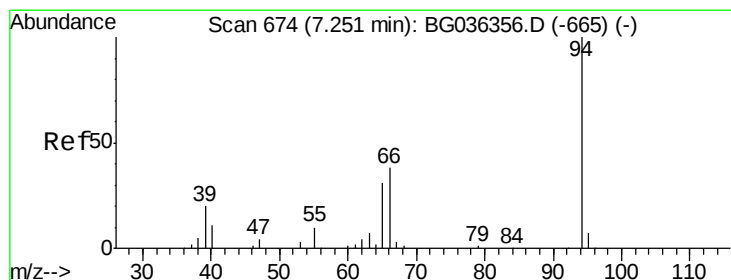
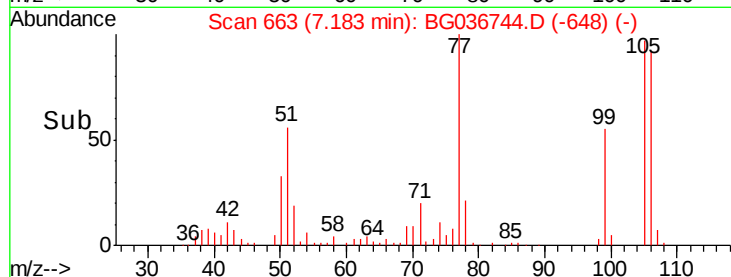
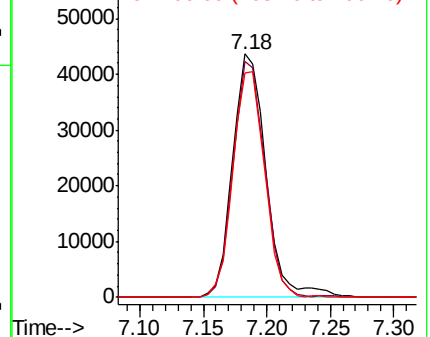
77 100

105 96.8 70.5 110.5

106 92.2 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: 45.924 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

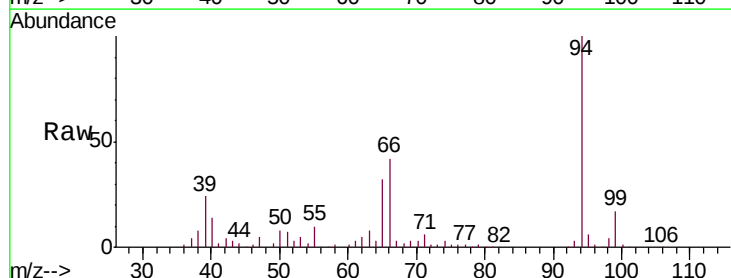
Tgt Ion: 94 Resp: 225261

Ion Ratio Lower Upper

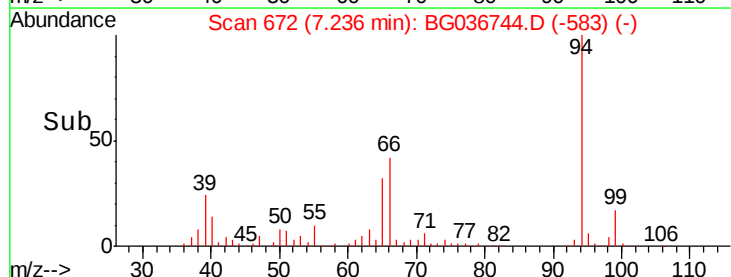
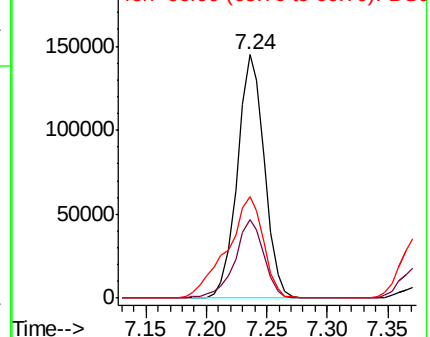
94 100

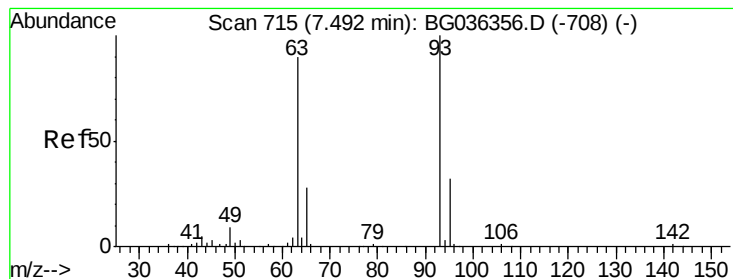
65 32.4 11.5 51.5

66 41.6 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: 38.657 ng

RT: 7.47 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleId :

PB112846BS

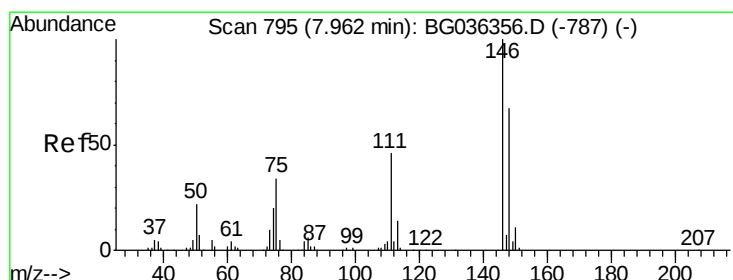
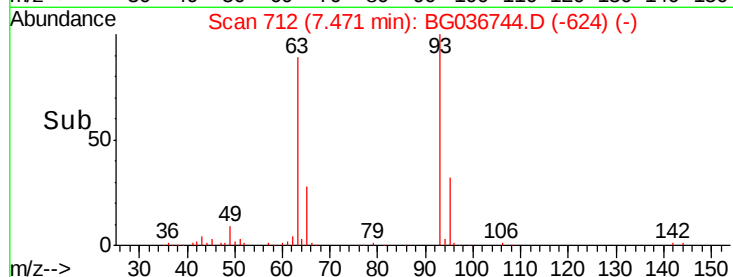
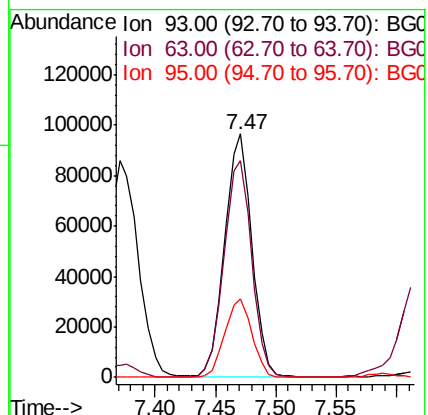
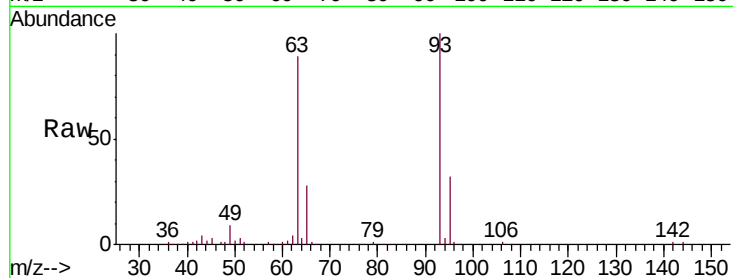
Tgt Ion: 93 Resp: 150323

Ion Ratio Lower Upper

93 100

63 89.0 69.9 109.9

95 32.2 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 39.695 ng

RT: 7.94 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

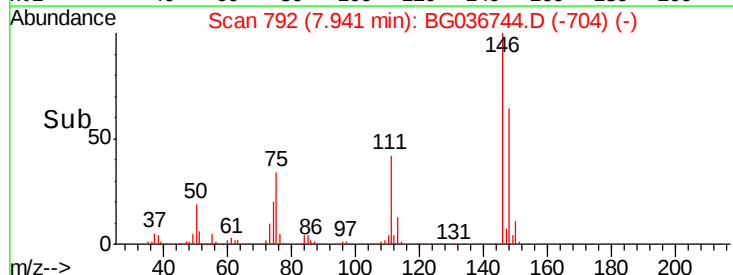
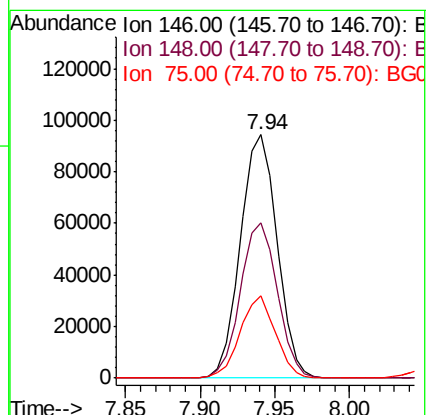
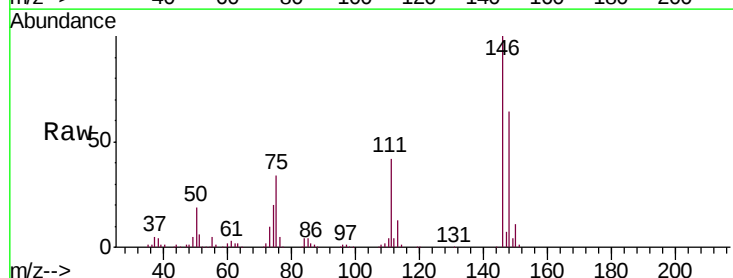
Tgt Ion: 146 Resp: 160916

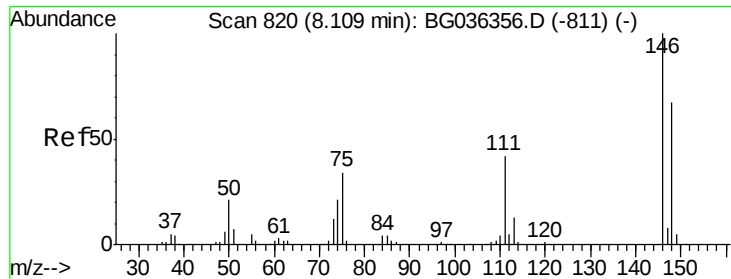
Ion Ratio Lower Upper

146 100

148 64.0 53.8 80.6

75 34.0 27.2 40.8

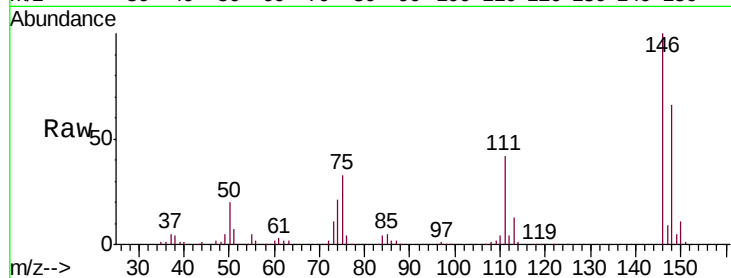




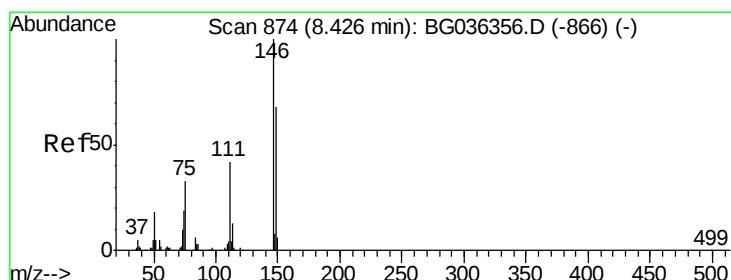
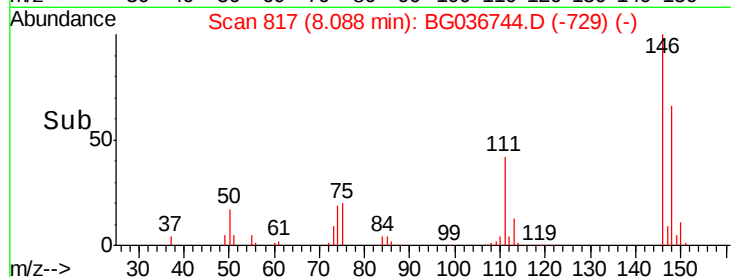
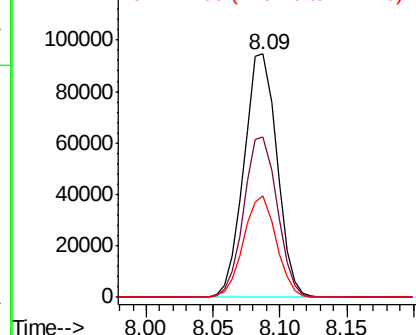
#13
 1,4-Dichlorobenzene
 Concen: 39.566 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

Tgt Ion:146 Resp: 161935
 Ion Ratio Lower Upper
 146 100
 148 65.8 53.9 80.9
 111 41.6 33.8 50.6

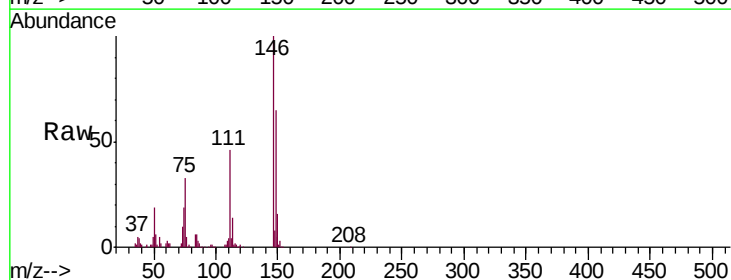


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

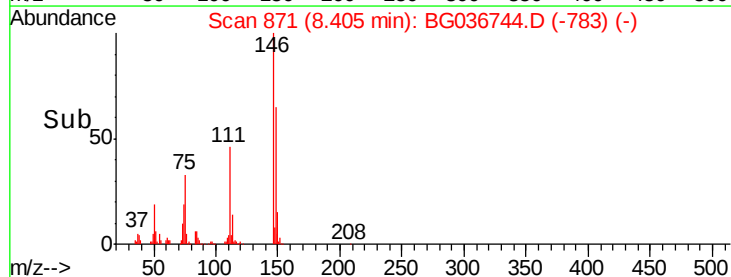
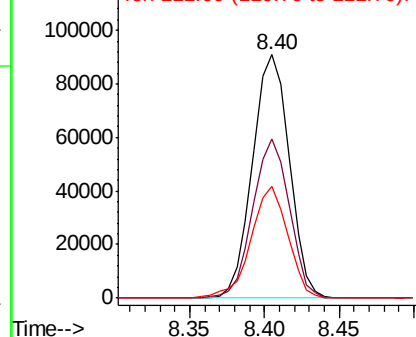


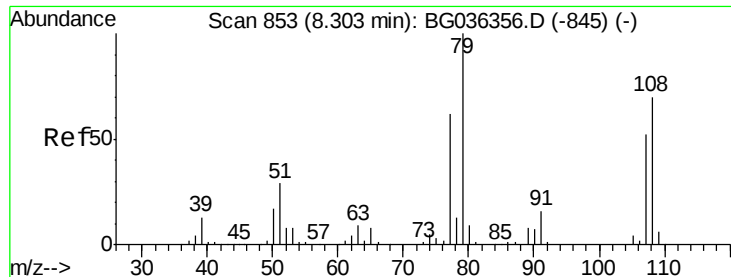
#14
 1,2-Dichlorobenzene
 Concen: 39.590 ng
 RT: 8.40 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion:146 Resp: 154745
 Ion Ratio Lower Upper
 146 100
 148 65.5 55.0 82.6
 111 45.7 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: 43.090 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleId :

PB112846BS

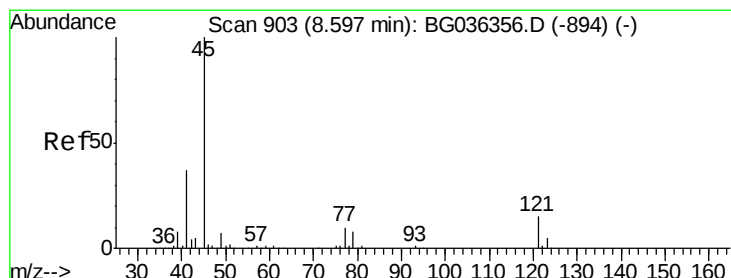
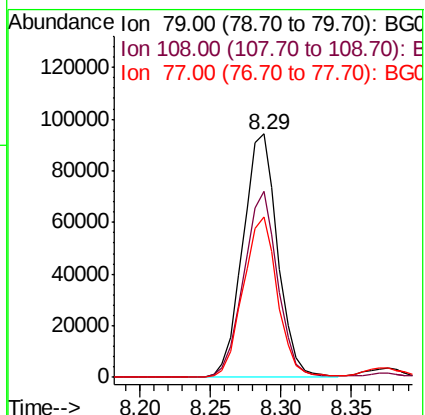
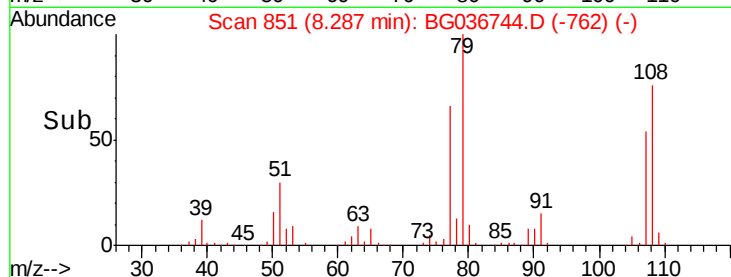
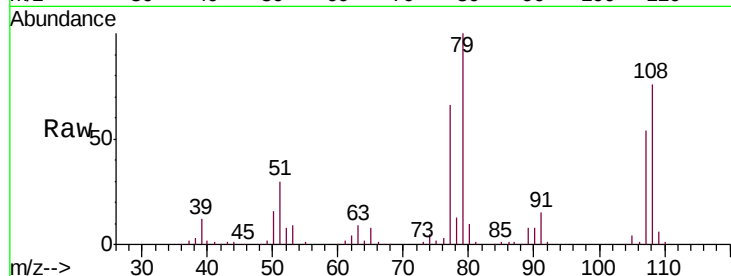
Tgt Ion: 79 Resp: 162818

Ion Ratio Lower Upper

79 100

108 76.5 55.9 83.9

77 66.0 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.732 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

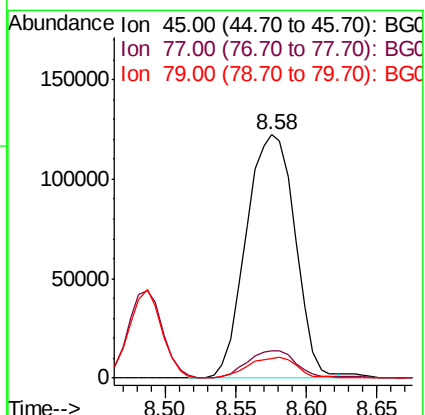
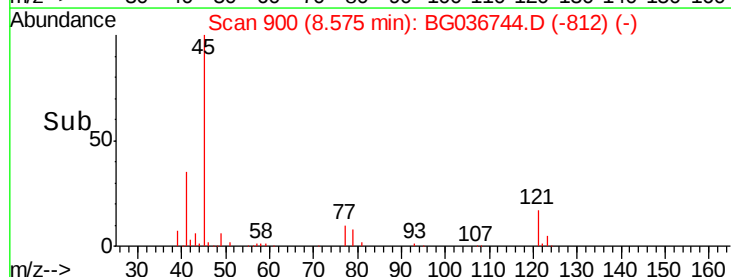
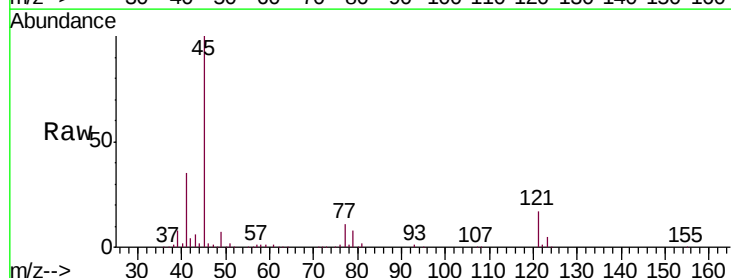
Tgt Ion: 45 Resp: 295904

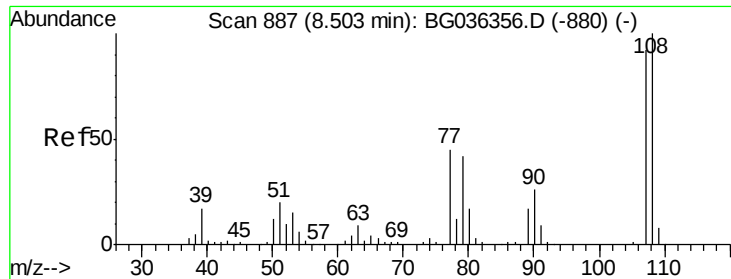
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.5

79 8.2 0.0 27.9

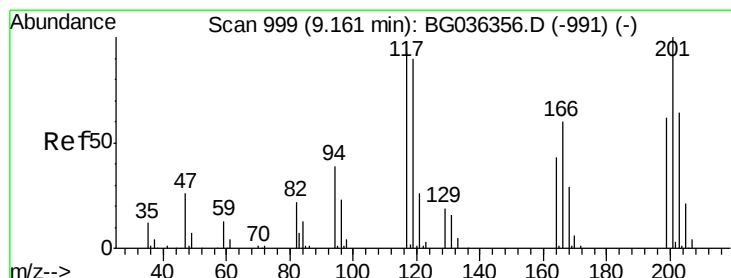
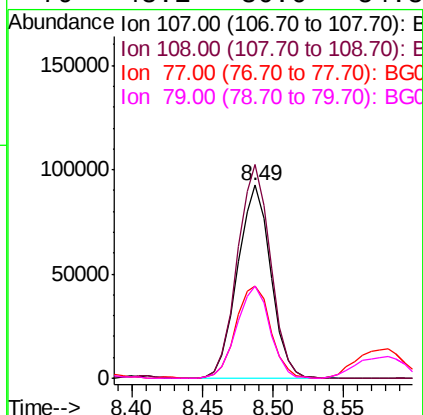
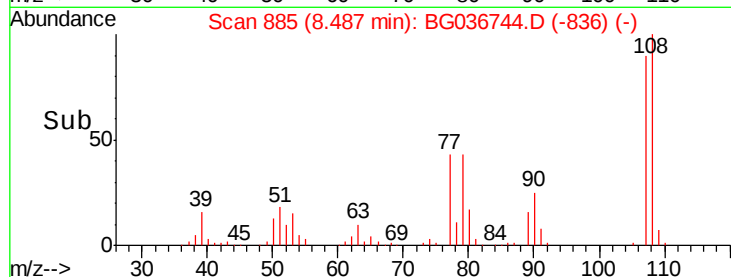
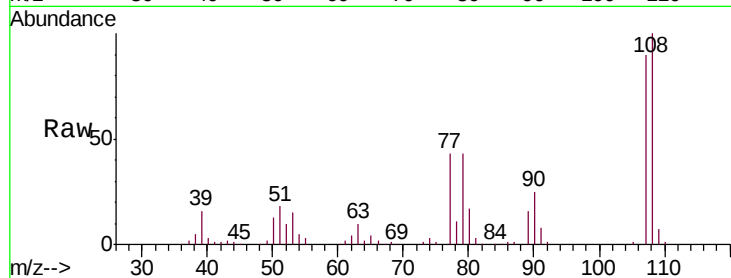




#17
2-Methylphenol
Concen: 46.828 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

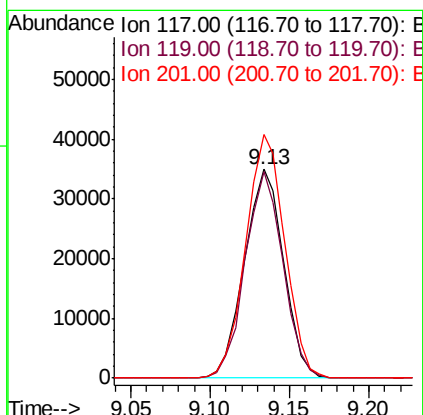
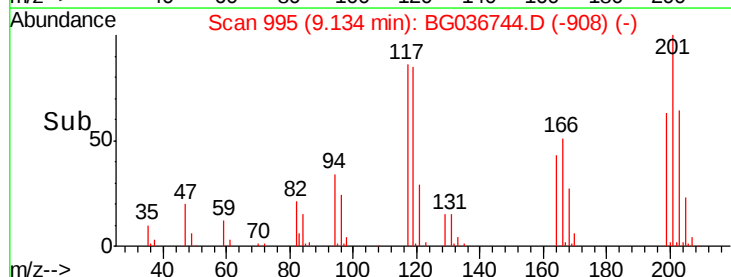
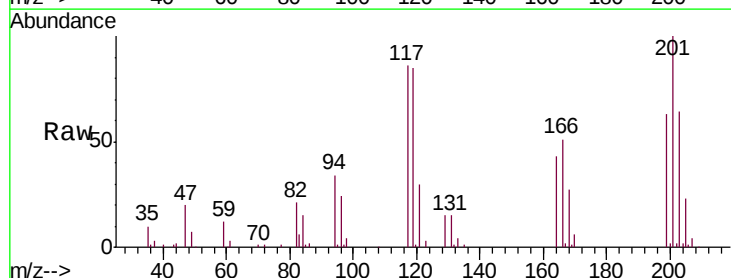
Instrument :
BNA_G
ClientSampleId :
PB112846BS

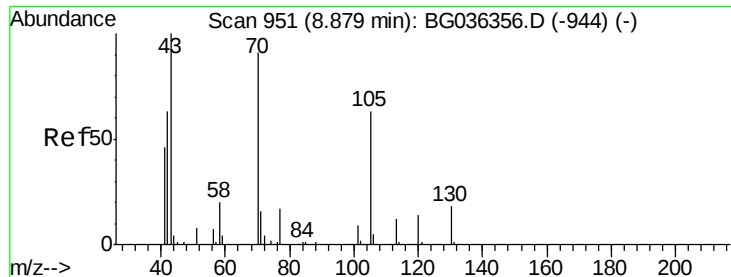
Tgt Ion:	107	Resp:	152518
Ion	Ratio	Lower	Upper
107	100		
108	110.8	86.7	130.1
77	47.7	39.0	58.4
79	48.1	36.6	54.8



#18
Hexachloroethane
Concen: 40.844 ng
RT: 9.13 min Scan# 995
Delta R.T. -0.02 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion:	117	Resp:	59935
Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.8	115.2
201	116.5	85.7	128.5

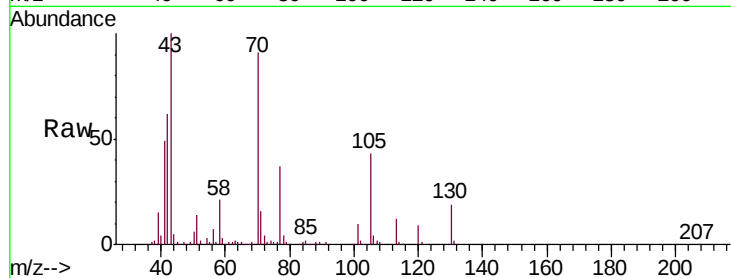




#19
n-Nitroso-di-n-propylamine
Concen: 39.054 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tgt Ion:	70	Resp:	136807
Ion	Ratio	Lower	Upper
70	100		
42	67.8	56.2	84.4
101	10.6	7.8	11.6
130	20.8	16.2	24.2



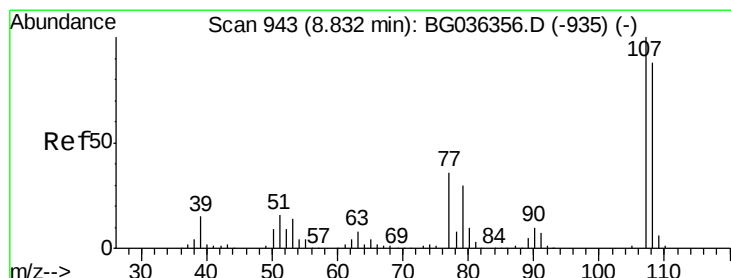
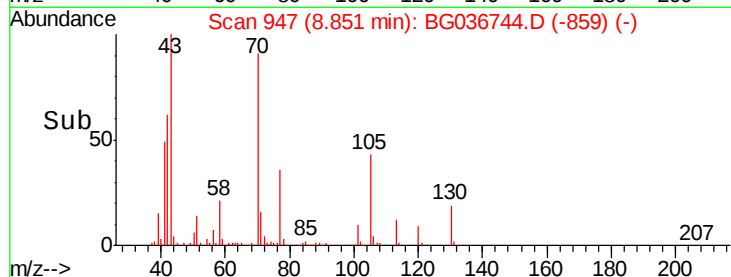
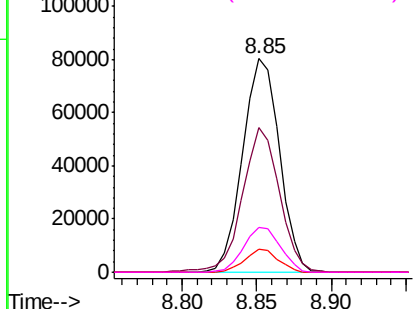
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

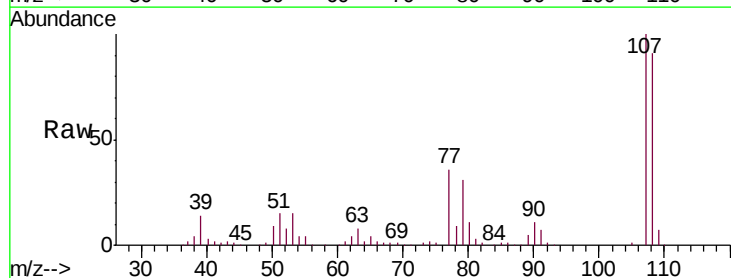
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 46.915 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion:	107	Resp:	213333
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.0	108.0
77	36.2	15.6	55.6
79	31.0	9.9	49.9



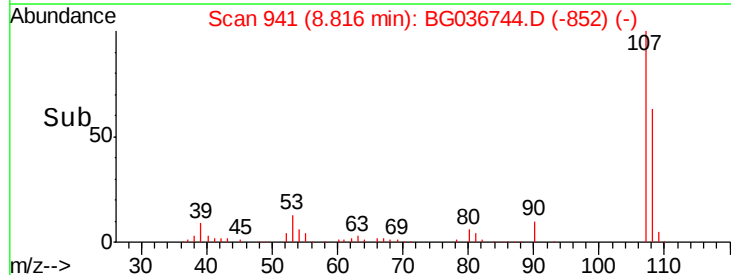
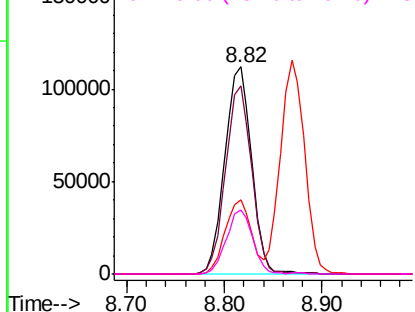
Abundance

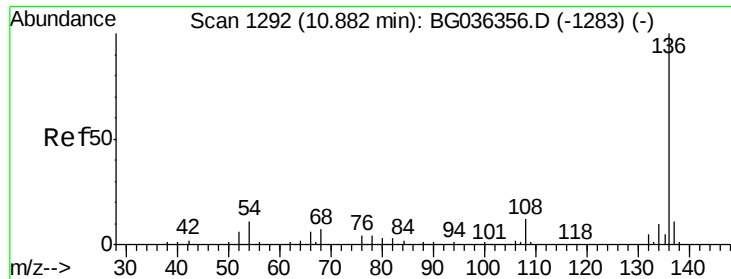
Ion 107.00 (106.70 to 107.70): BGC

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

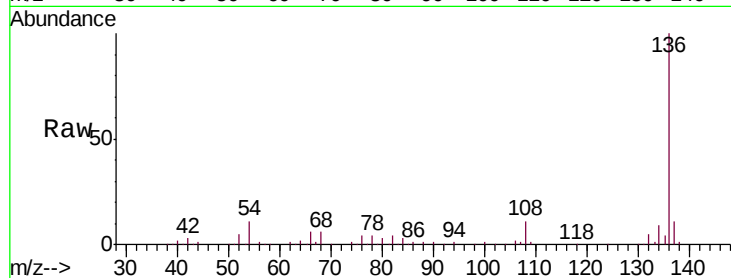




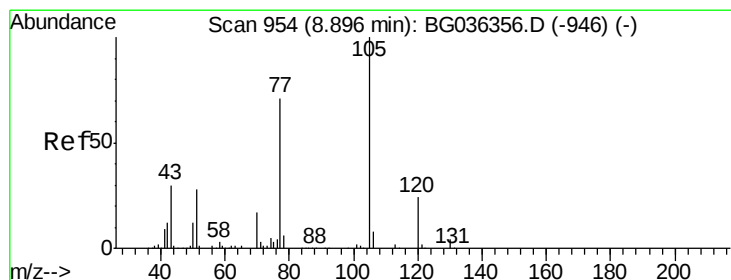
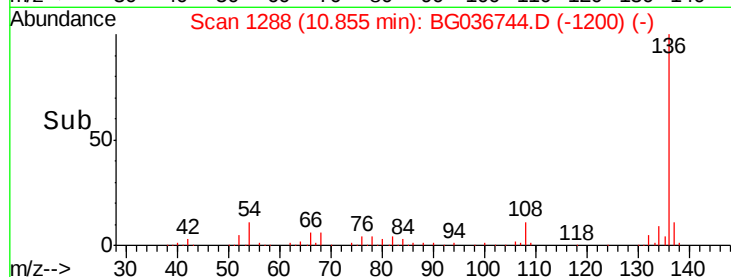
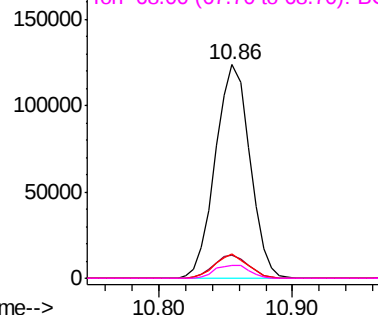
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tgt Ion:	136	Resp:	221124
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.4	9.2	13.8
68	6.3	5.8	8.6

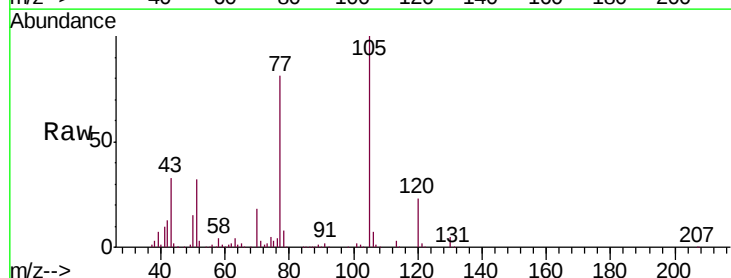


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

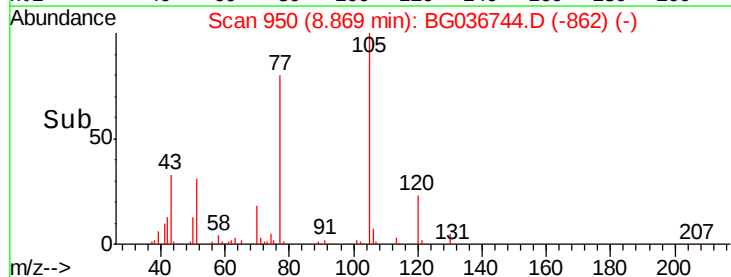
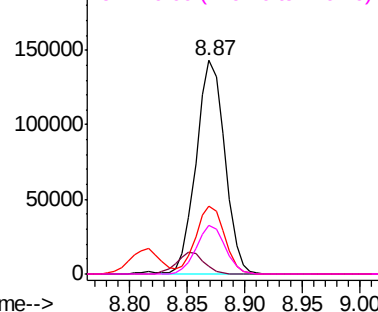


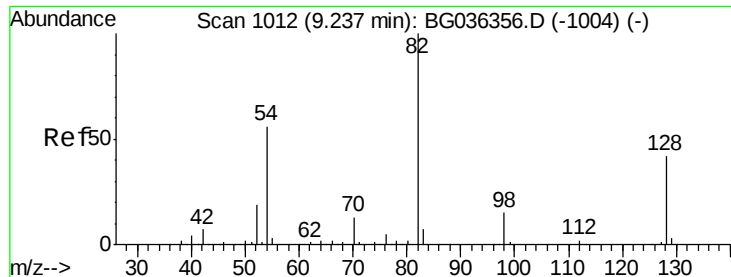
#22
Acetophenone
Concen: 42.419 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion:	105	Resp:	246312
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.4	3.6
51	31.7	25.9	38.9
120	22.8	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

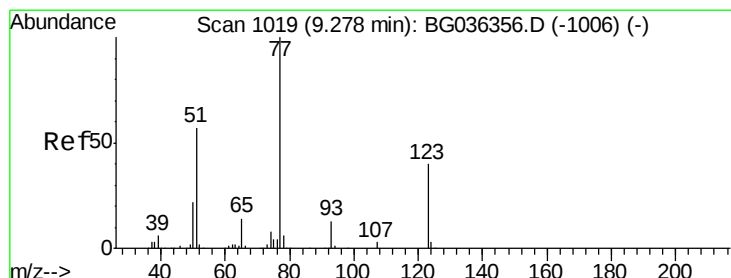
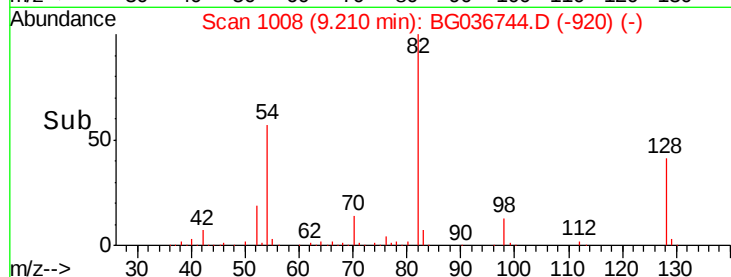
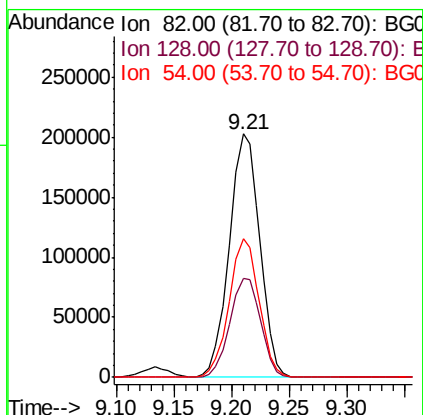
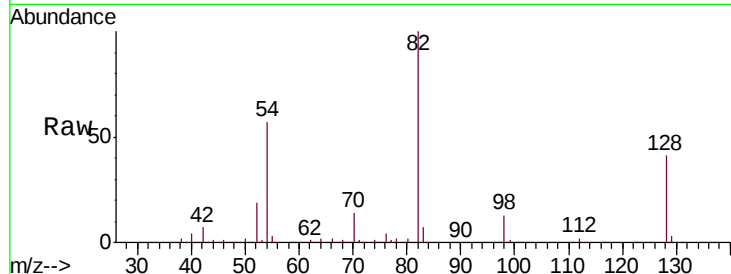




#23
Nitrobenzene-d5
Concen: 90.923 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

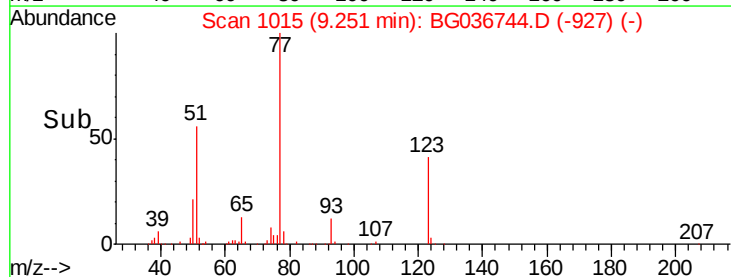
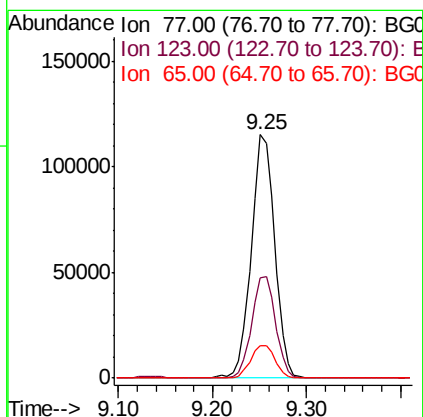
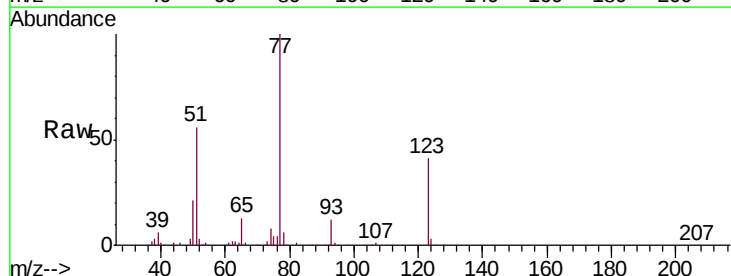
Instrument :
BNA_G
ClientSampleId :
PB112846BS

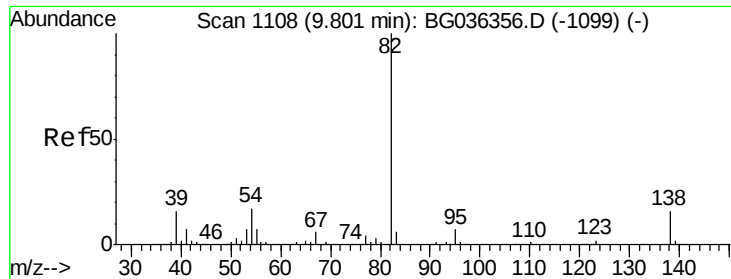
Tgt Ion: 82 Resp: 370559
Ion Ratio Lower Upper
82 100
128 40.8 33.3 49.9
54 56.9 45.1 67.7



#24
Nitrobenzene
Concen: 45.427 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion: 77 Resp: 199642
Ion Ratio Lower Upper
77 100
123 41.0 32.4 48.6
65 13.2 11.5 17.3





#25

Isophorone

Concen: 48.177 ng

RT: 9.77 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleId :

PB112846BS

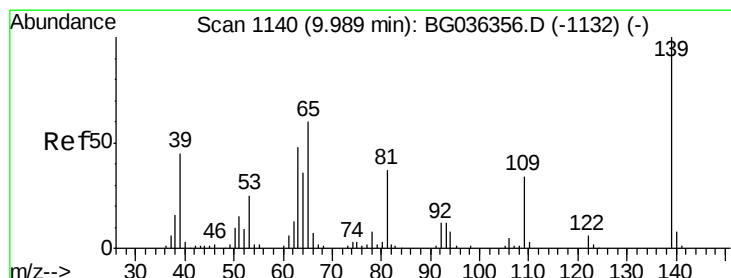
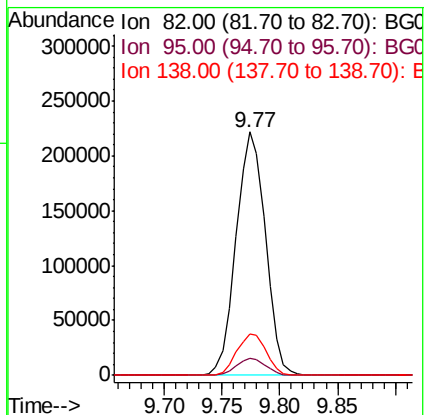
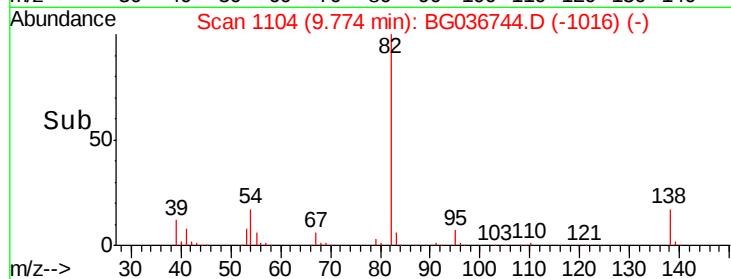
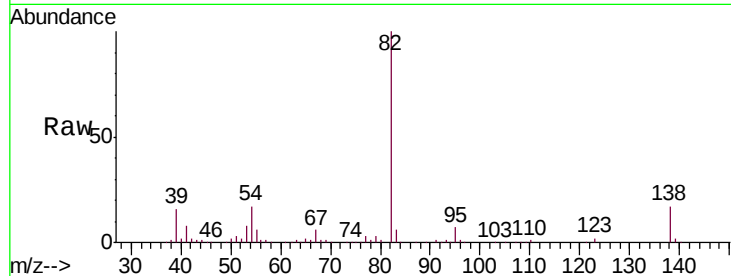
Tgt Ion: 82 Resp: 390048

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

138 17.2 12.9 19.3



#26

2-Nitrophenol

Concen: 53.832 ng

RT: 9.96 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

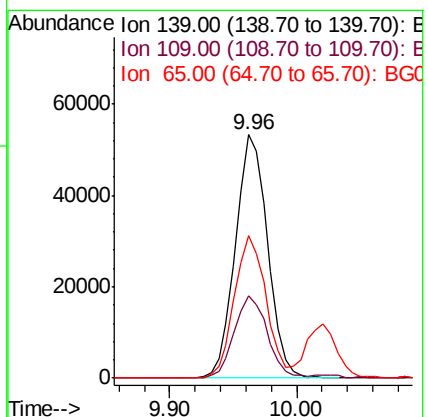
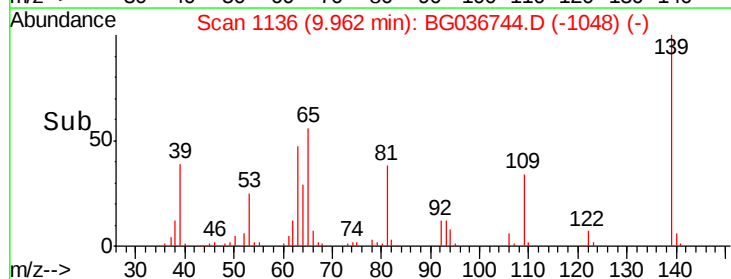
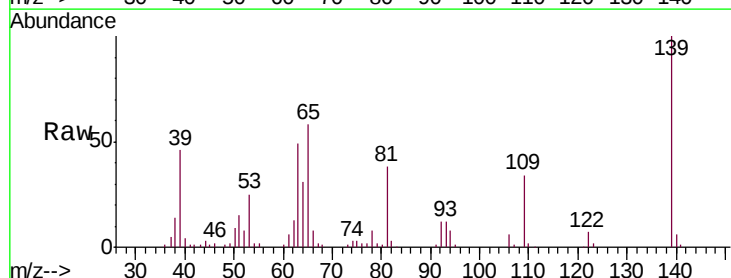
Tgt Ion: 139 Resp: 93748

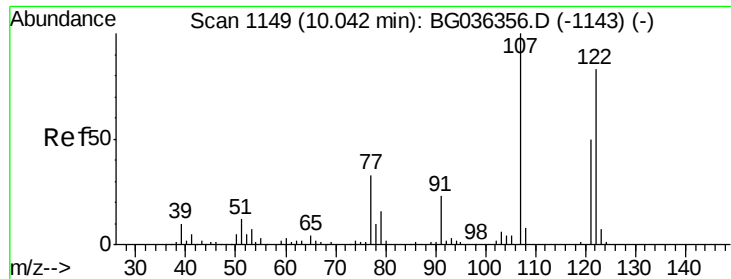
Ion Ratio Lower Upper

139 100

109 33.7 27.4 41.0

65 58.3 47.8 71.6

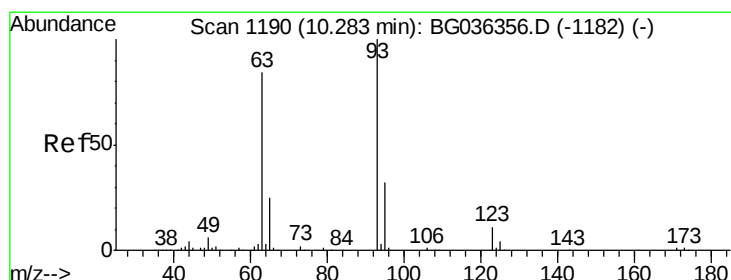
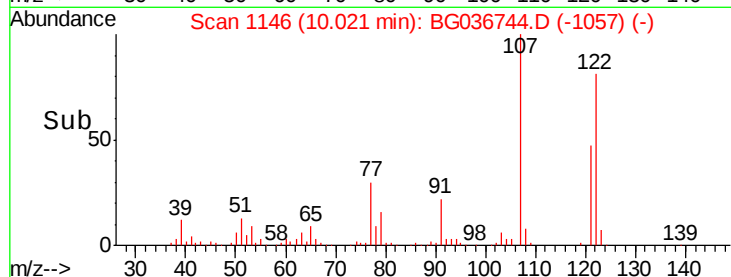
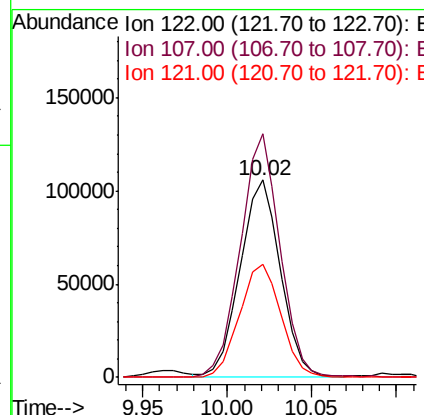
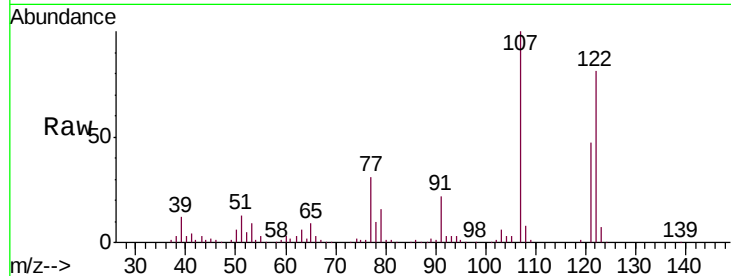




#27
 2,4-Dimethylphenol
 Concen: 54.043 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

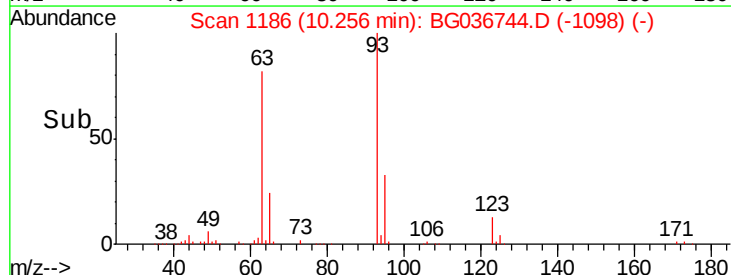
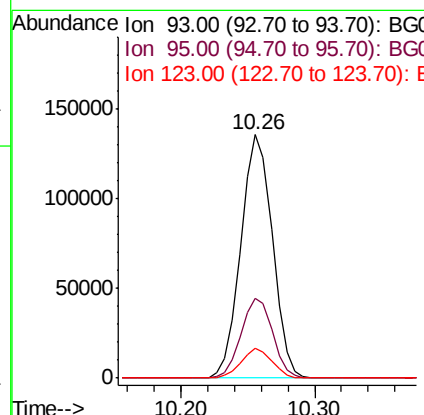
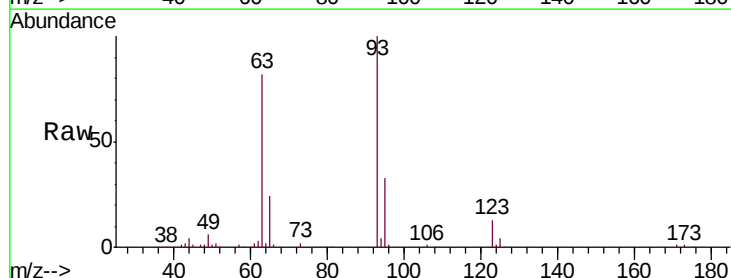
Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

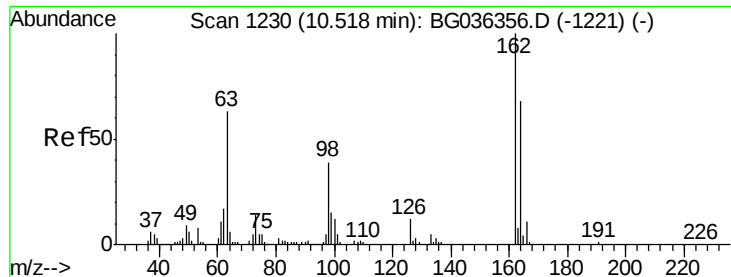
Tgt Ion: 122 Resp: 174243
 Ion Ratio Lower Upper
 122 100
 107 123.3 96.0 144.0
 121 57.5 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.749 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion: 93 Resp: 222349
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.2 37.8
 123 12.5 8.6 12.8

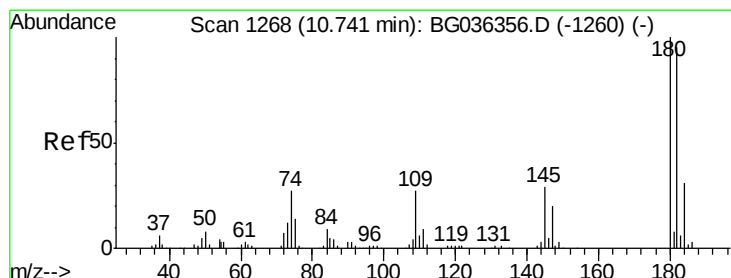
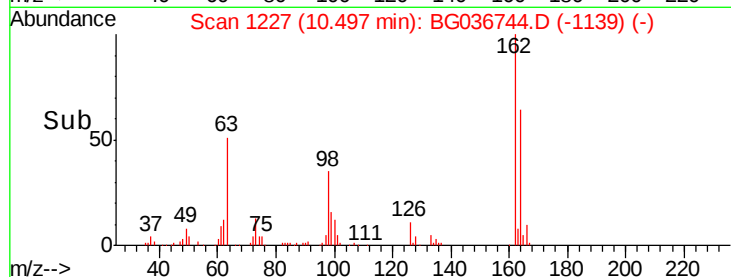
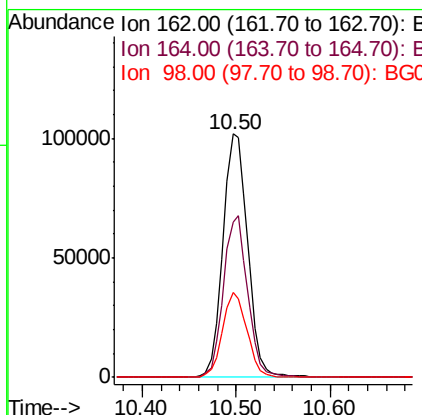
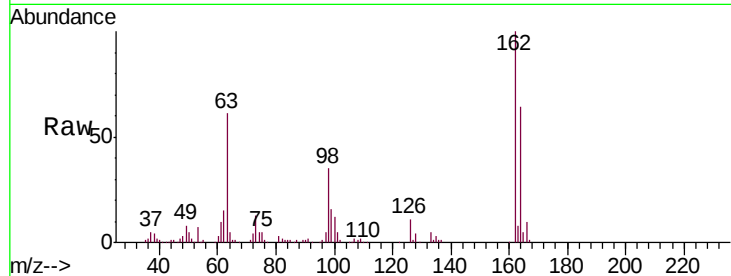




#29
 2,4-Dichlorophenol
 Concen: 52.954 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

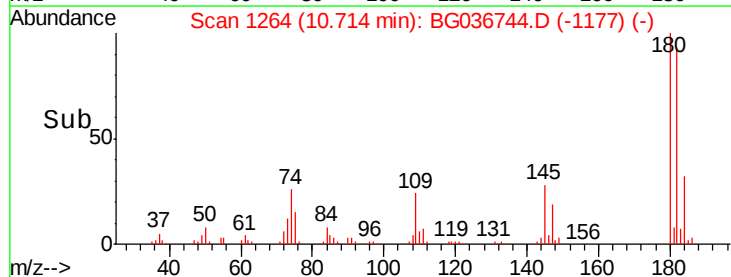
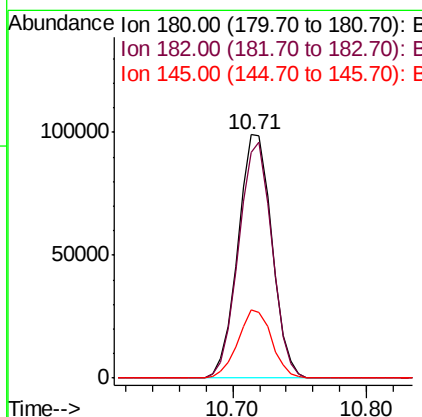
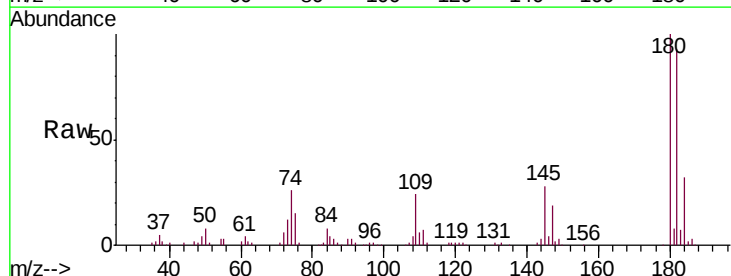
Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

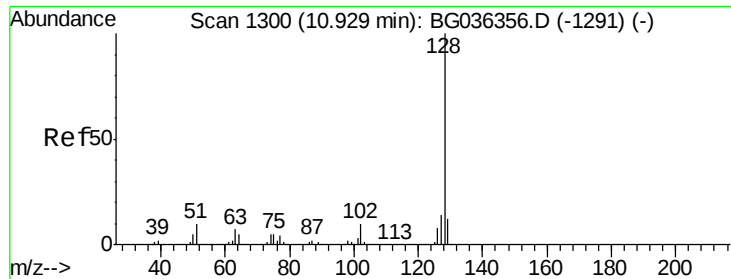
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	187113		
164	63.6	47.6	87.6	
98	35.1	19.2	59.2	



#30
 1,2,4-Trichlorobenzene
 Concen: 42.131 ng
 RT: 10.71 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	174155		
182	92.7	76.0	114.0	
145	27.9	22.9	34.3	

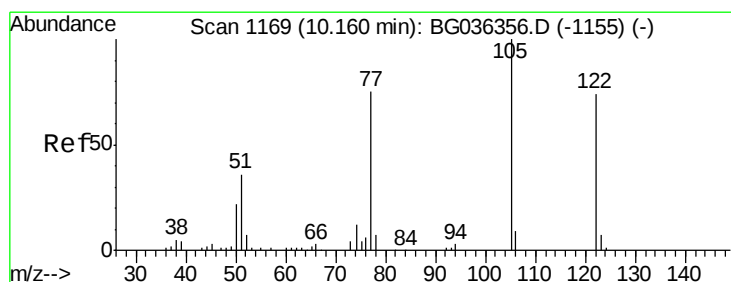
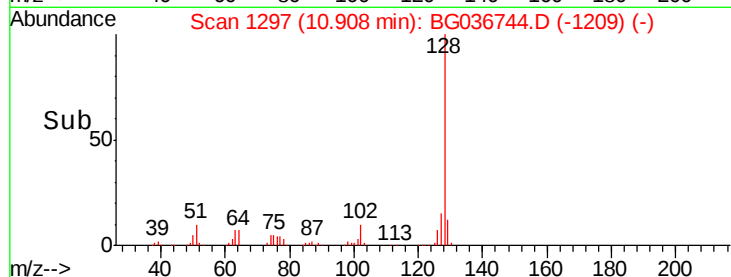
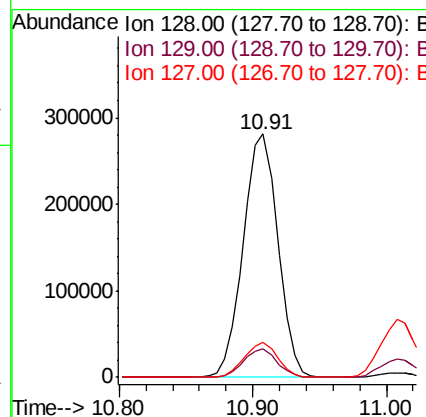
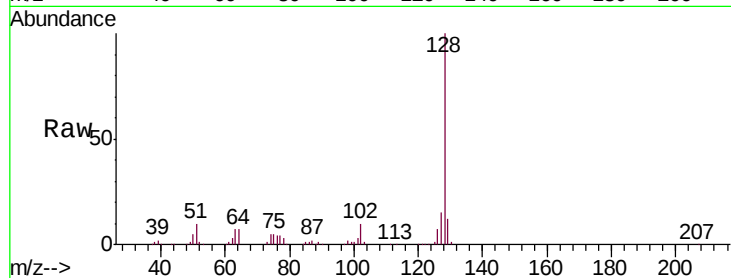




#31
Naphthalene
Concen: 45.585 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

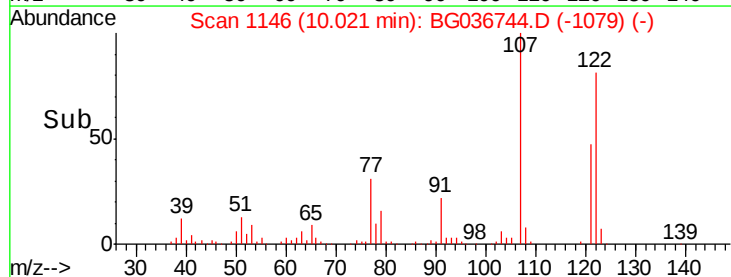
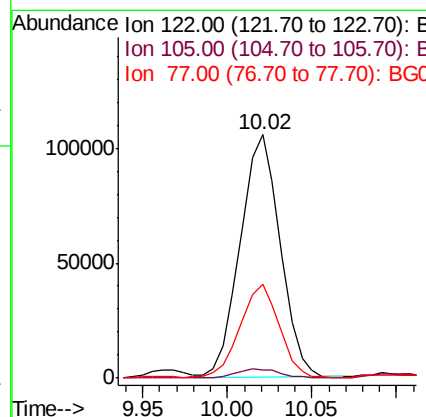
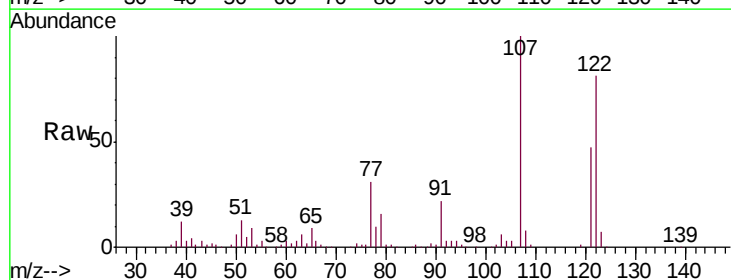
Instrument :
BNA_G
ClientSampleId :
PB112846BS

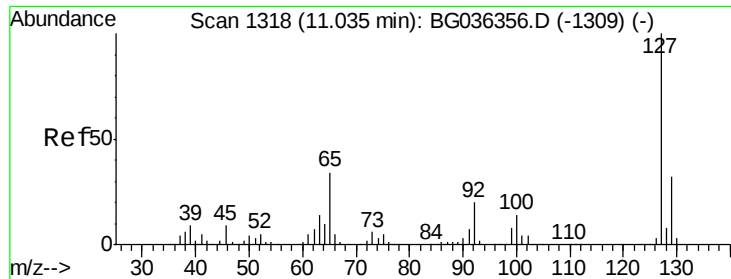
Tgt Ion:128 Resp: 503887
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 14.6 11.0 16.4



#32
Benzoic acid
Concen: 70.571 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.13 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion:122 Resp: 174243
Ion Ratio Lower Upper
122 100
105 3.5 108.1 148.1#
77 38.6 76.3 116.3#

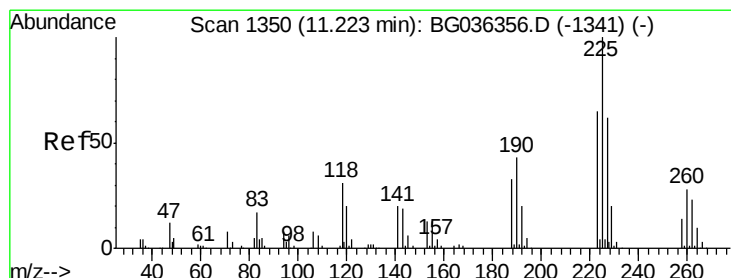
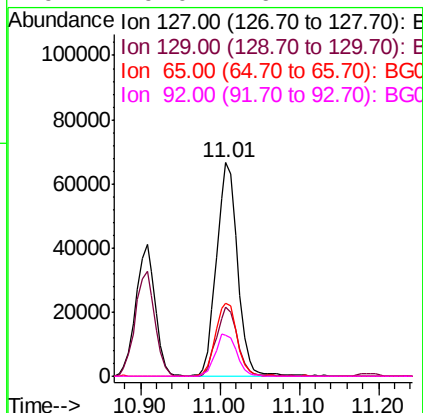
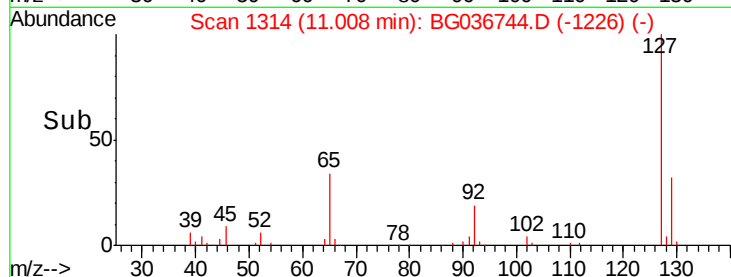
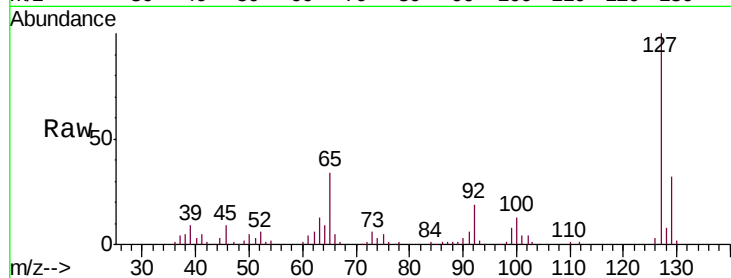




#33
4-Chloroaniline
Concen: 24.260 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

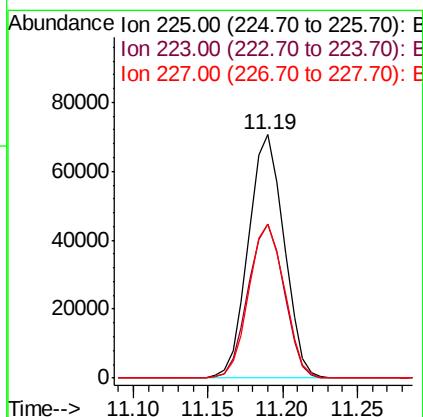
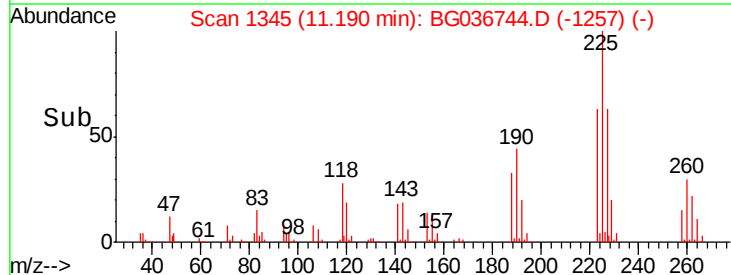
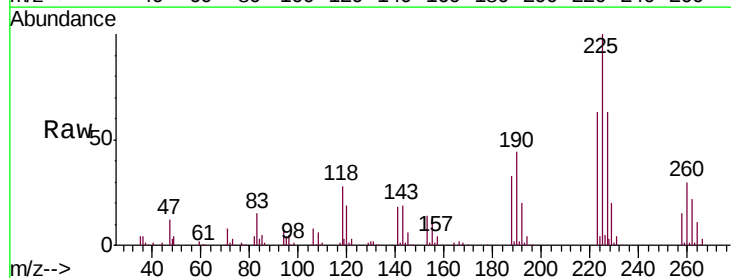
Instrument :
BNA_G
ClientSampleId :
PB112846BS

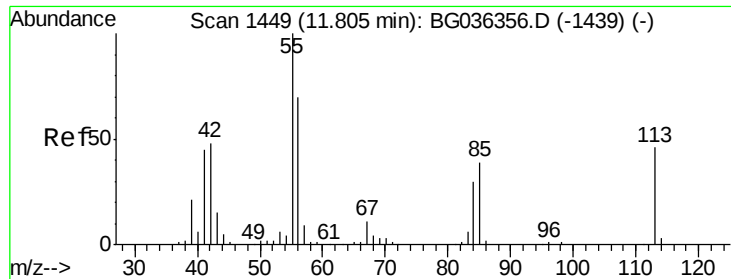
Tgt Ion:	127	Resp:	122882
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	34.1	27.5	41.3
92	19.0	16.2	24.2



#34
Hexachlorobutadiene
Concen: 41.937 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion:	225	Resp:	116472
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.8	77.8
227	63.3	49.8	74.6

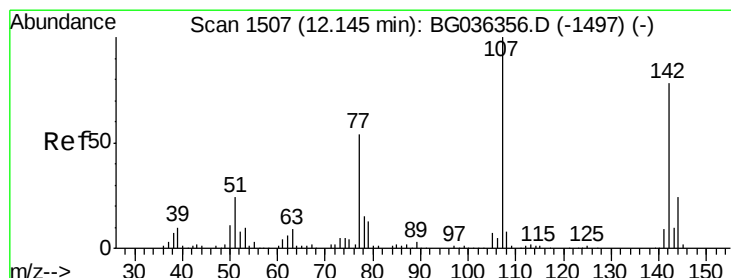
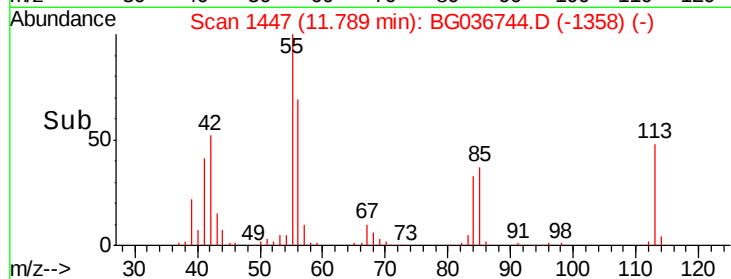
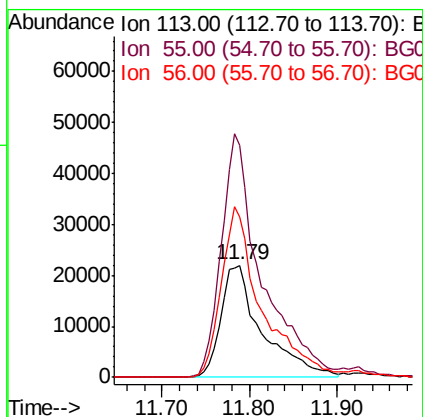
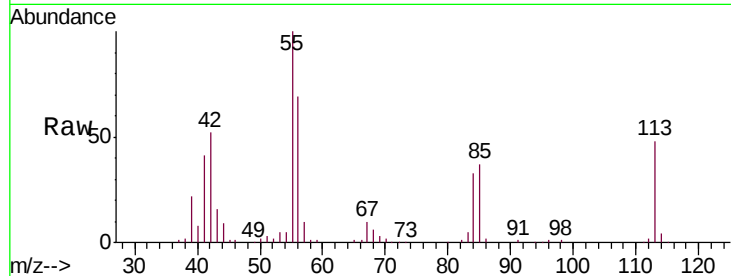




#35
 Caprolactam
 Concen: 50.589 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

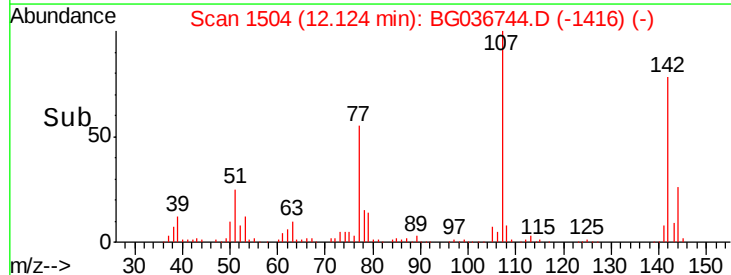
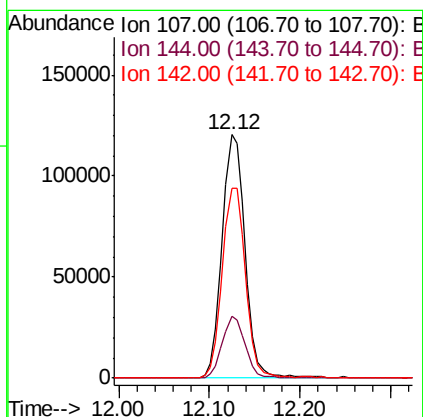
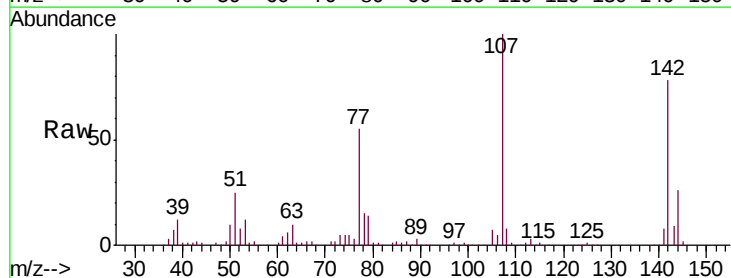
Instrument :
 BNA_G
 ClientSampleID :
 PB112846BS

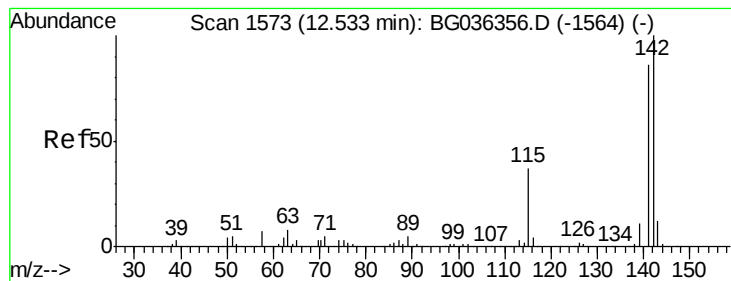
Tgt Ion:113 Resp: 71210
 Ion Ratio Lower Upper
 113 100
 55 207.3 197.7 237.7
 56 142.9 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 51.493 ng
 RT: 12.12 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion:107 Resp: 211422
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.5 29.3
 142 78.1 62.4 93.6





#37

2-Methylnaphthalene

Concen: 50.414 ng

RT: 12.51 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleId :

PB112846BS

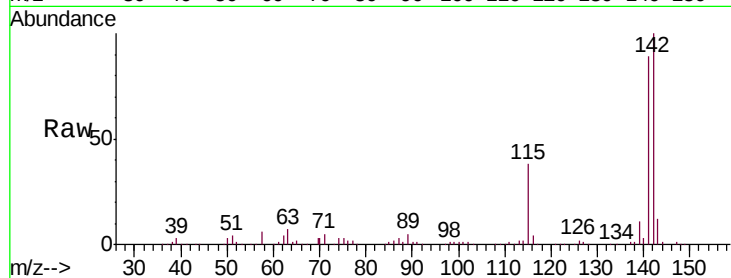
Tgt Ion:142 Resp: 407749

Ion Ratio Lower Upper

142 100

141 88.5 68.5 102.7

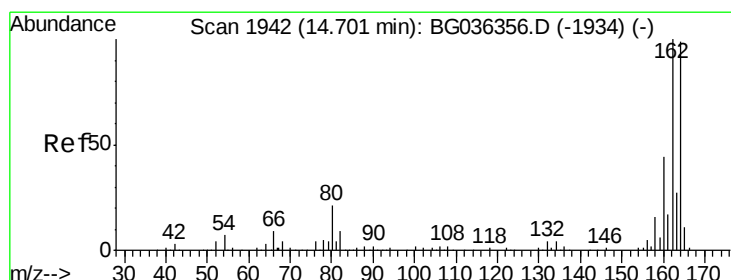
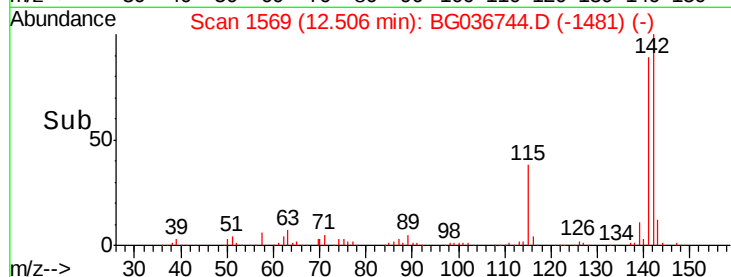
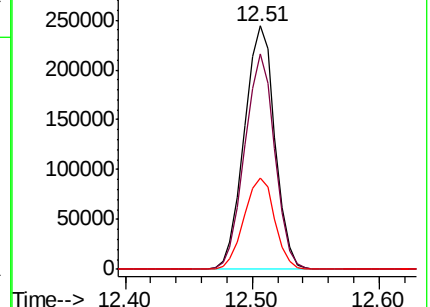
115 37.5 29.8 44.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

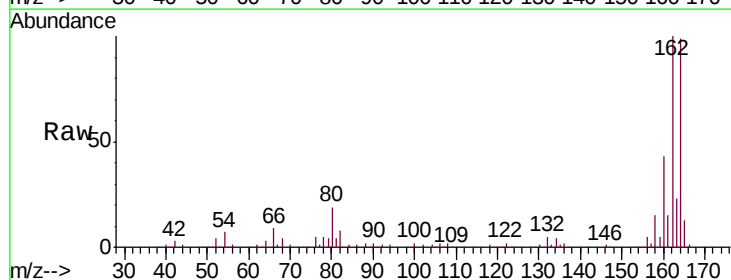
Tgt Ion:164 Resp: 156493

Ion Ratio Lower Upper

164 100

162 101.2 80.7 121.1

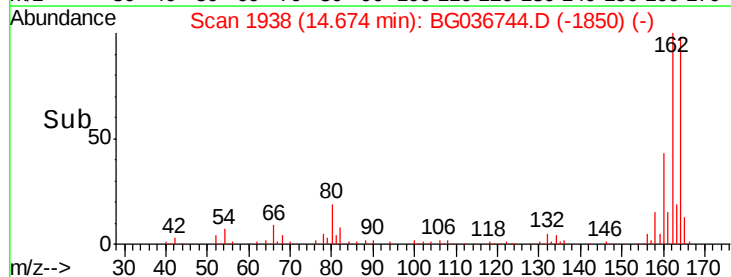
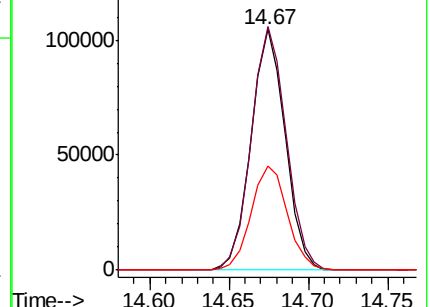
160 43.3 35.3 52.9

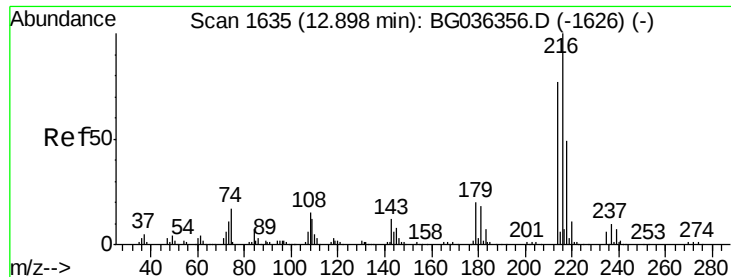


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.200 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleId :

PB112846BS

Tgt Ion:216 Resp: 233710

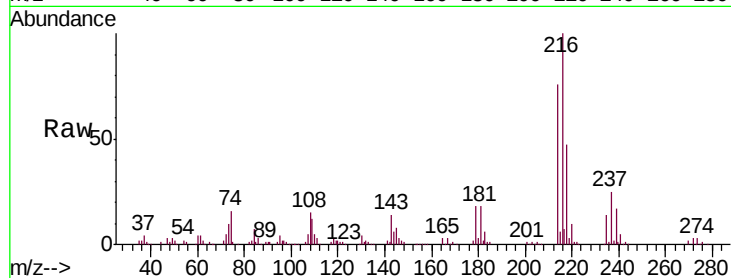
Ion Ratio Lower Upper

216 100

214 76.4 61.0 91.6

179 19.2 15.7 23.5

108 17.9 13.1 19.7

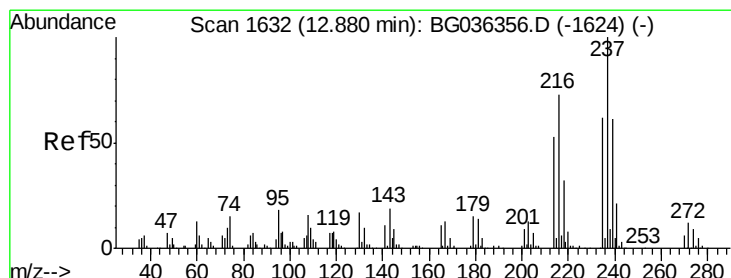
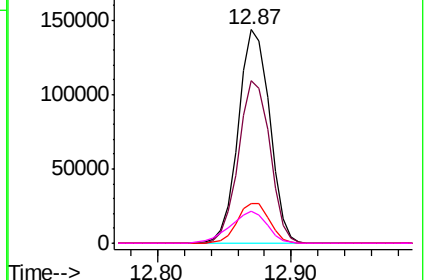
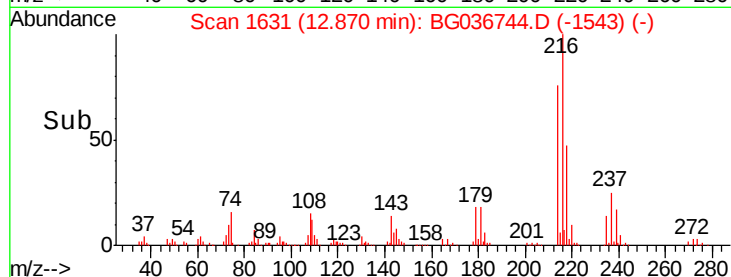


Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.681 ng

RT: 12.85 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

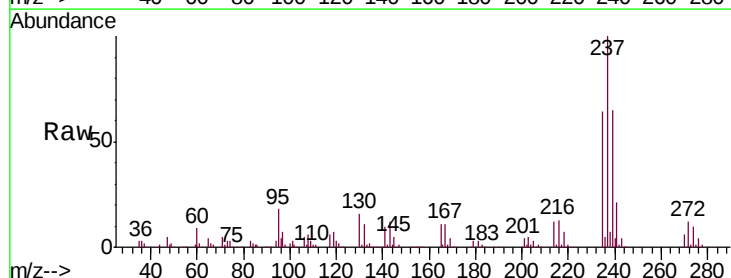
Tgt Ion:237 Resp: 290110

Ion Ratio Lower Upper

237 100

235 64.0 42.2 82.2

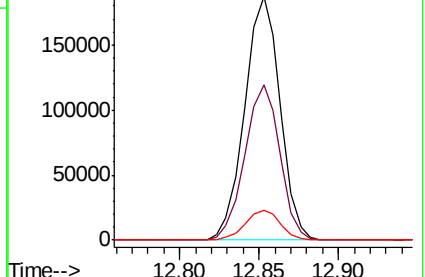
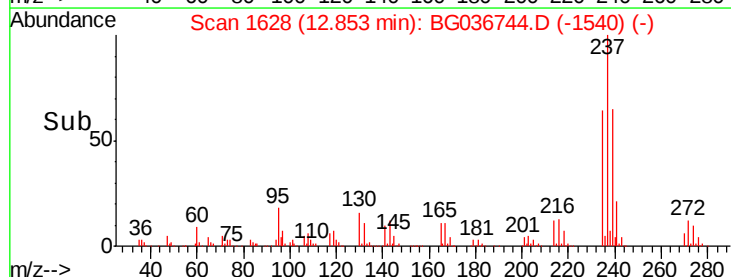
272 12.1 0.0 32.1

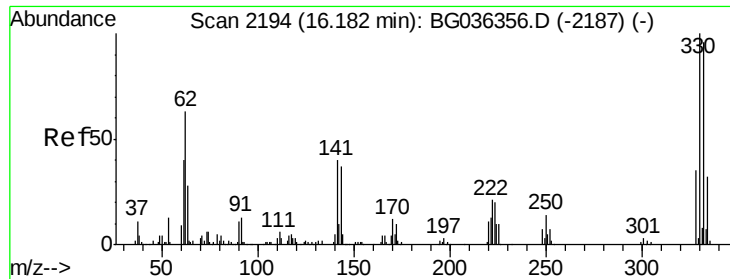


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

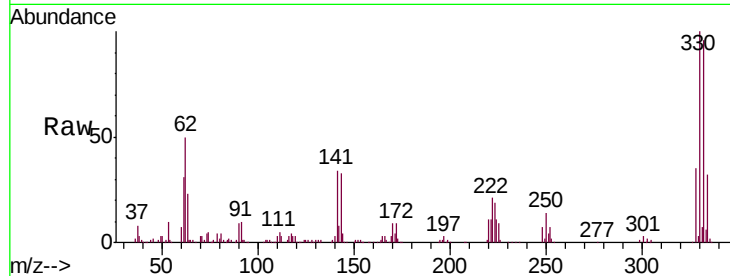




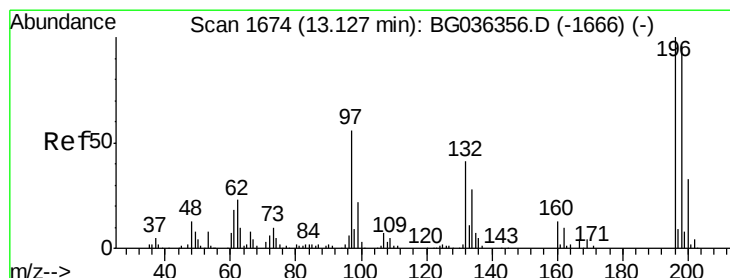
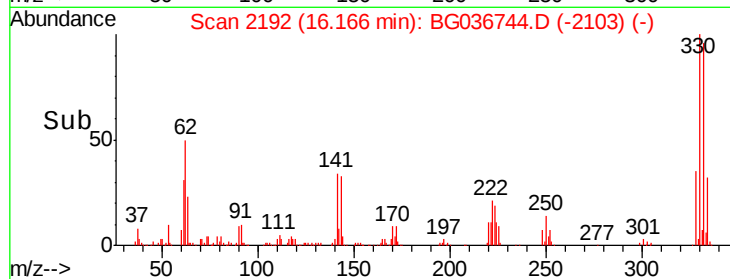
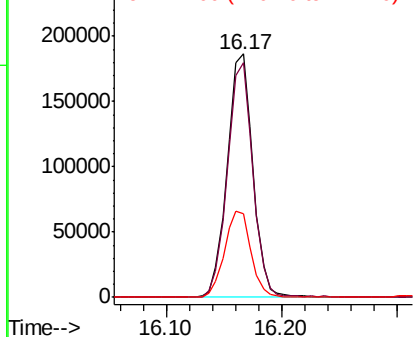
#41
 2,4,6-Tribromophenol
 Concen: 153.486 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

Tgt Ion:330 Resp: 286607
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.2
 141 36.4 30.7 46.1

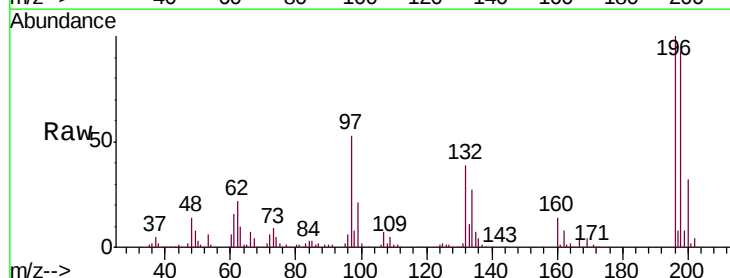


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

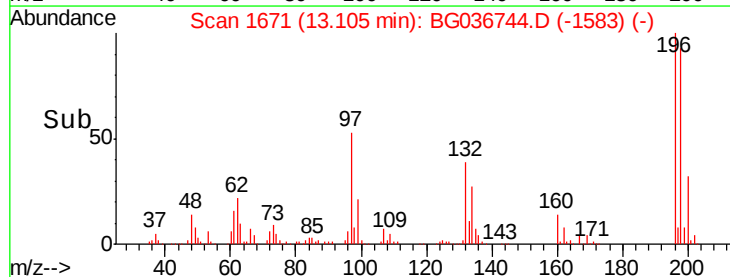
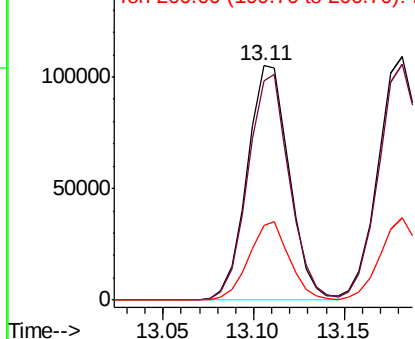


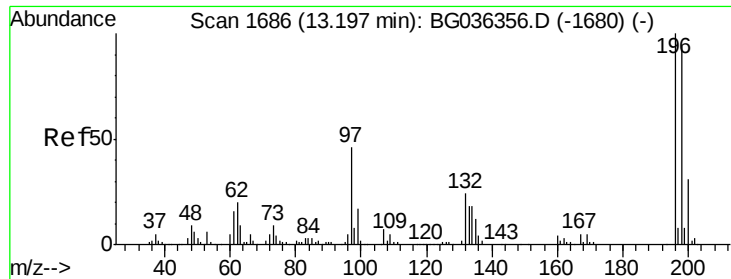
#42
 2,4,6-Trichlorophenol
 Concen: 50.282 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion:196 Resp: 169629
 Ion Ratio Lower Upper
 196 100
 198 93.3 77.2 115.8
 200 31.9 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

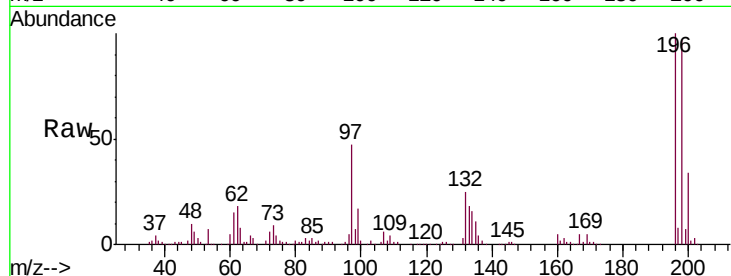




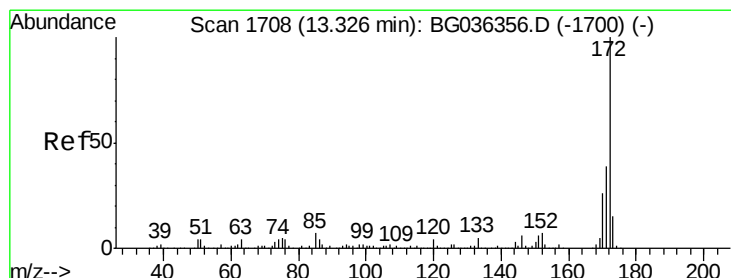
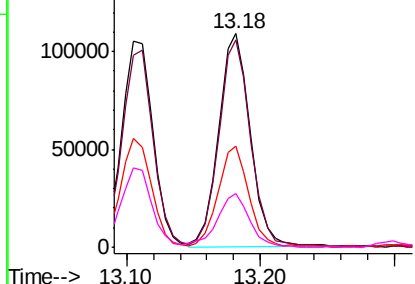
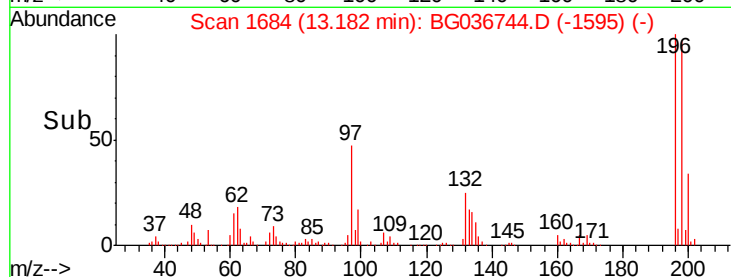
#43
 2,4,5-Trichlorophenol
 Concen: 50.189 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

Tgt Ion:	196	Resp:	180593
Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.6	113.4
97	47.3	37.2	55.8
132	25.2	19.4	29.2

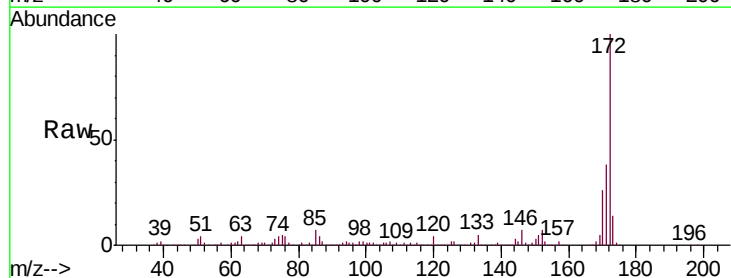


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

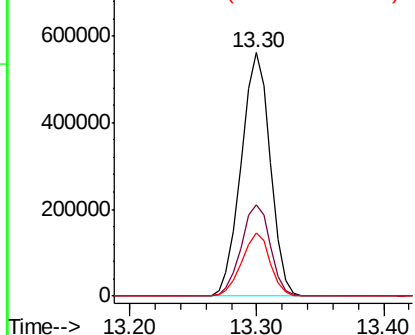
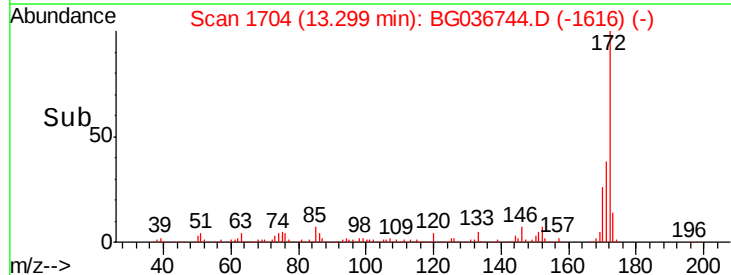


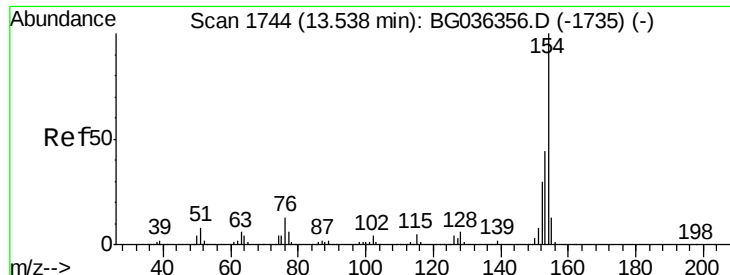
#44
 2-Fluorobiphenyl
 Concen: 81.480 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion:	172	Resp:	893041
Ion	Ratio	Lower	Upper
172	100		
171	37.6	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

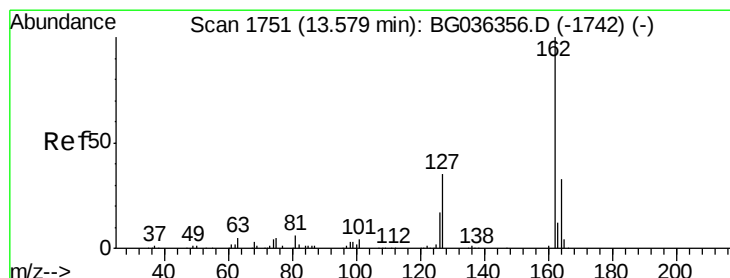
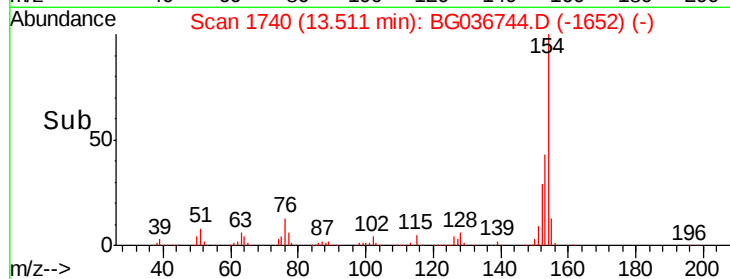
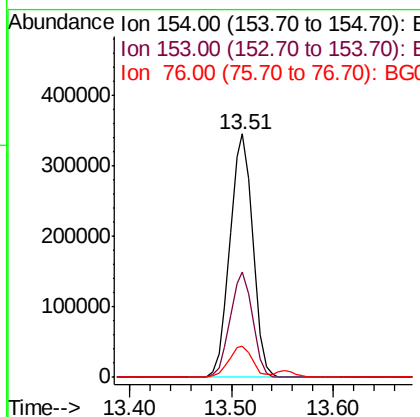
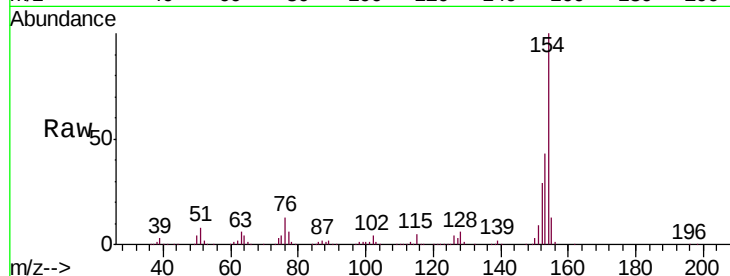




#45
 1,1'-Biphenyl
 Concen: 41.347 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

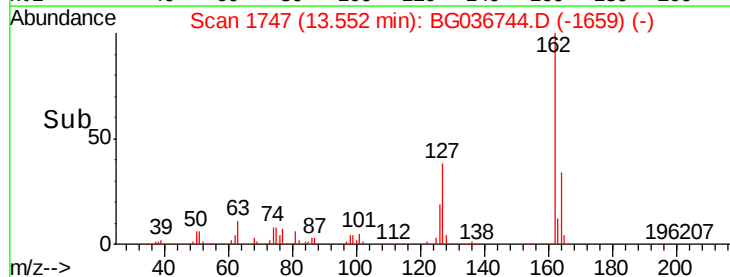
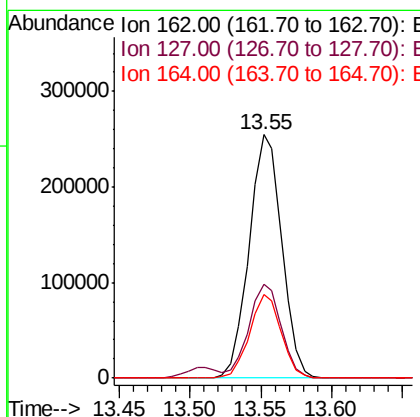
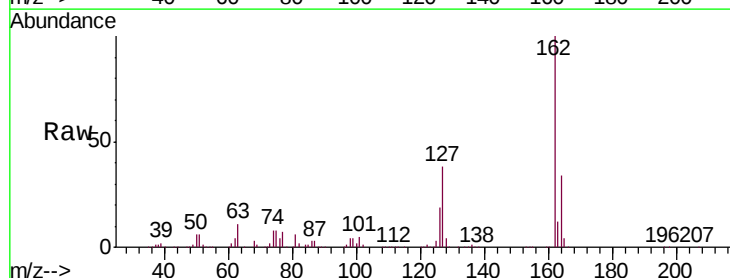
Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

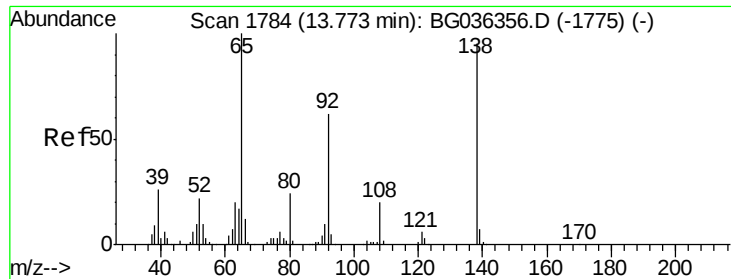
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	24.0	64.0
76	13.0	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 41.810 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.7	46.1
164	34.1	26.7	40.1

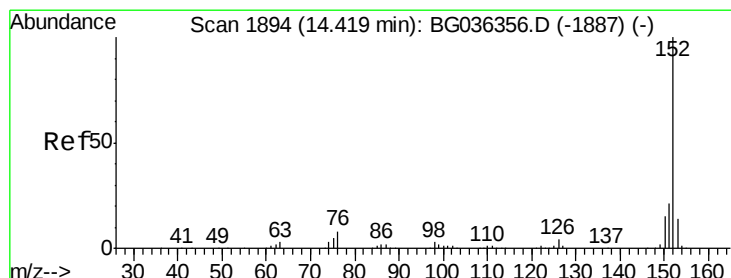
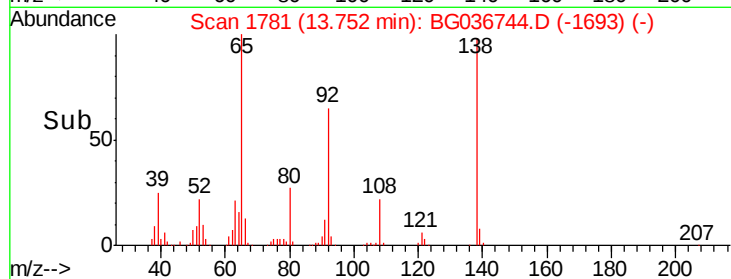
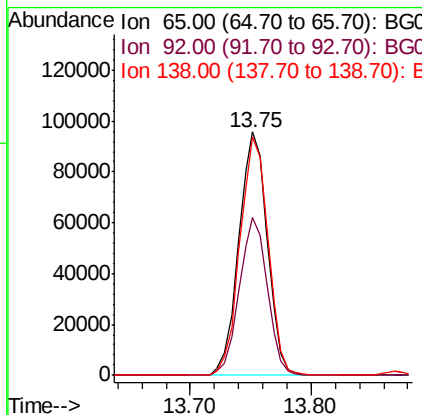
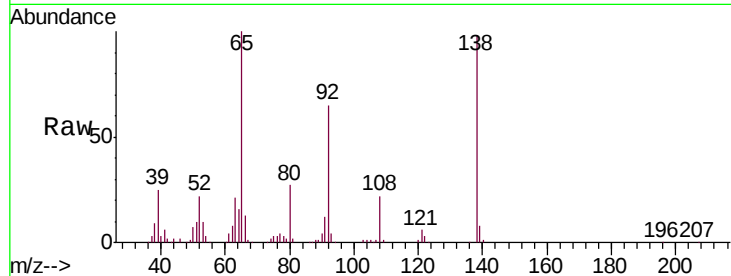




#47
2-Nitroaniline
Concen: 50.465 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

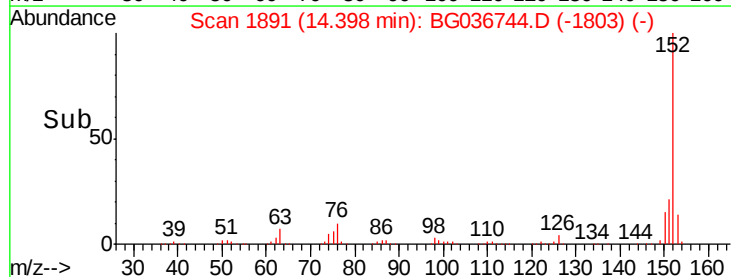
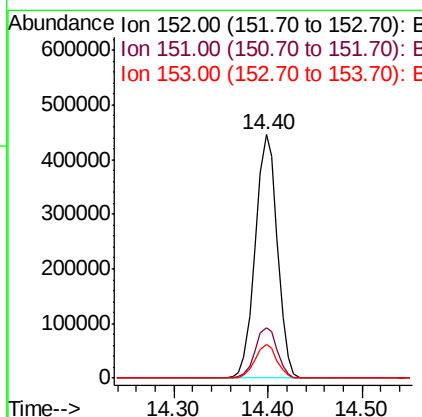
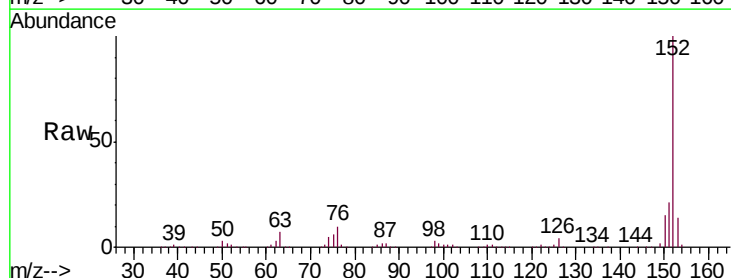
Instrument :
BNA_G
ClientSampleId :
PB112846BS

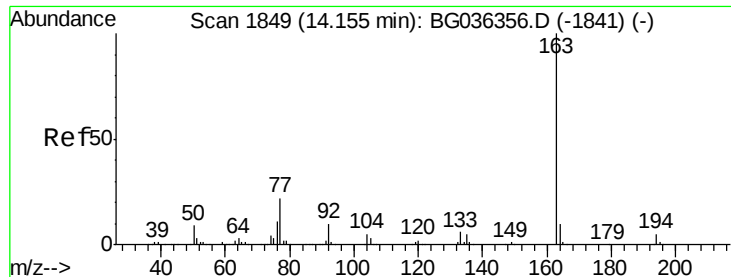
Tgt Ion: 65 Resp: 157152
Ion Ratio Lower Upper
65 100
92 65.0 49.9 74.9
138 97.9 76.2 114.4



#48
Acenaphthylene
Concen: 46.680 ng
RT: 14.40 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion: 152 Resp: 723466
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.7 11.2 16.8





#49

Dimethylphthalate

Concen: 45.827 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleID :

PB112846BS

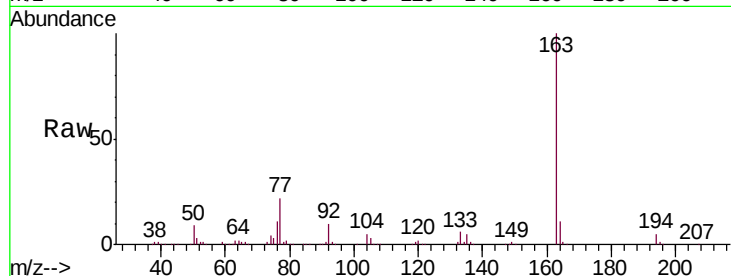
Tgt Ion:163 Resp: 585597

Ion Ratio Lower Upper

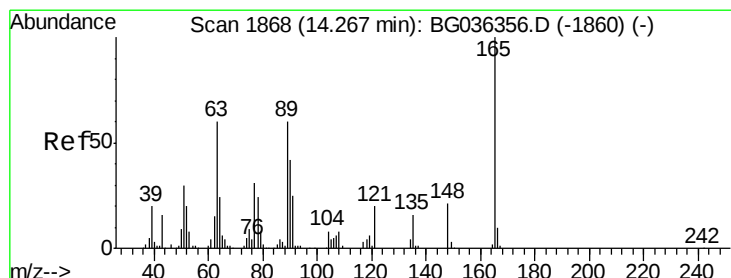
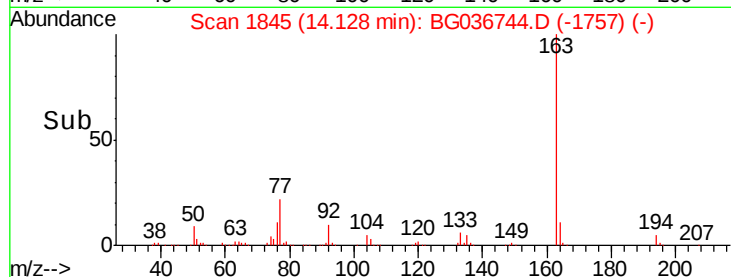
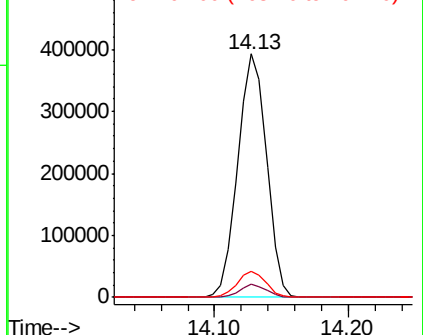
163 100

194 5.2 4.0 6.0

164 10.7 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: 49.601 ng

RT: 14.25 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

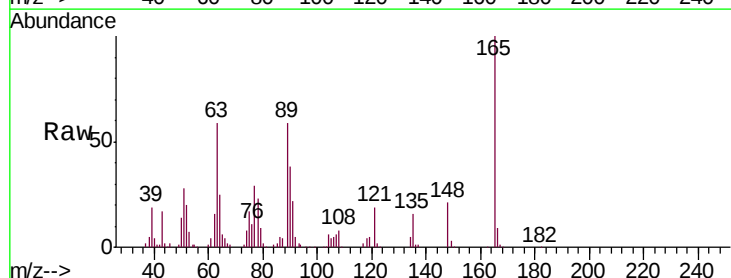
Tgt Ion:165 Resp: 130424

Ion Ratio Lower Upper

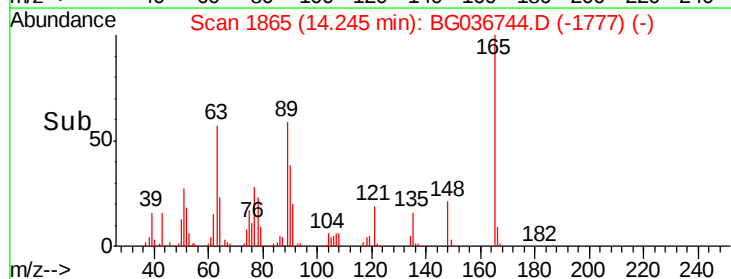
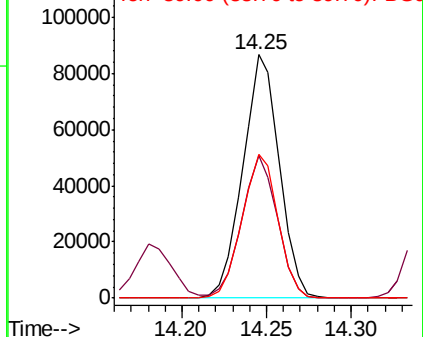
165 100

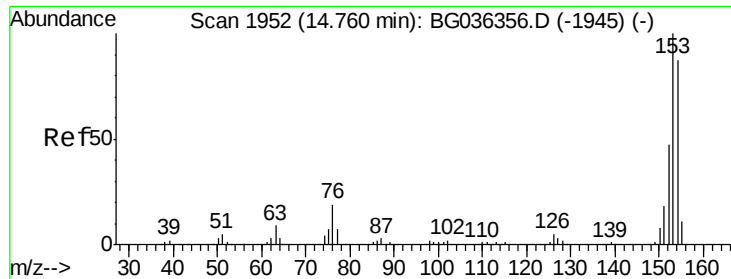
63 58.5 50.1 75.1

89 59.3 47.8 71.6



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





#51

Acenaphthene

Concen: 42.539 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleId :

PB112846BS

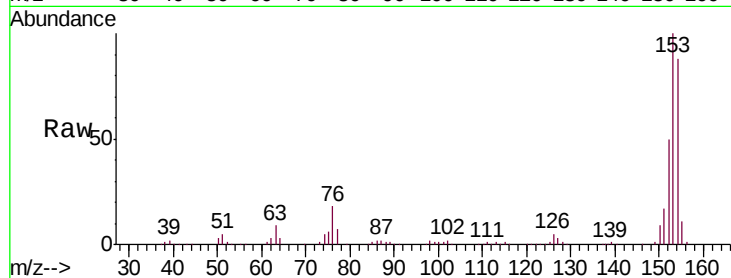
Tgt Ion:154 Resp: 422241

Ion Ratio Lower Upper

154 100

153 113.5 91.8 137.6

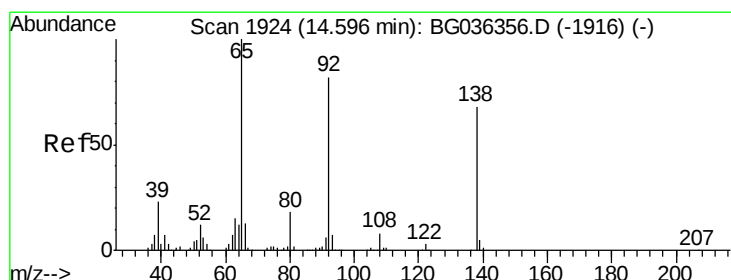
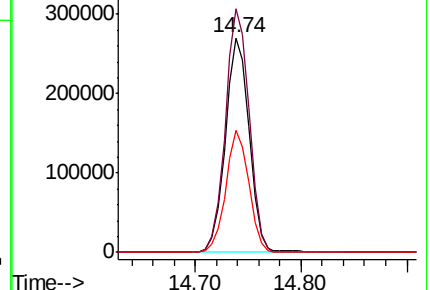
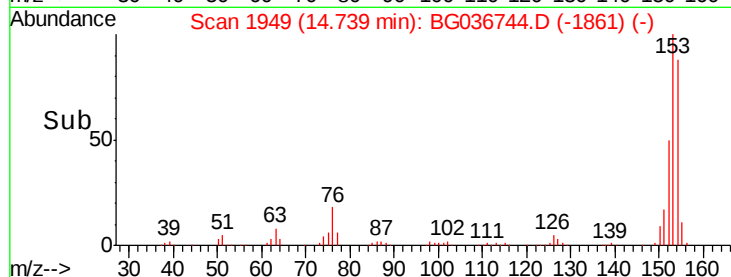
152 56.8 43.5 65.3



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: 30.426 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

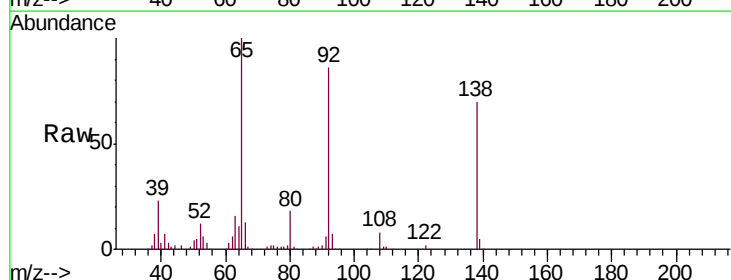
Tgt Ion:138 Resp: 86215

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.2

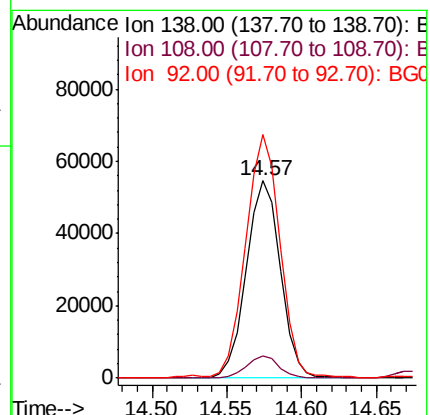
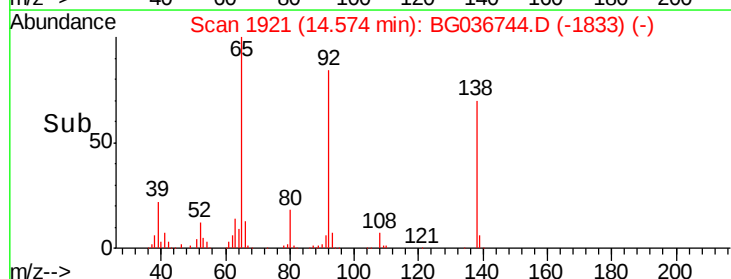
92 123.5 96.8 145.2

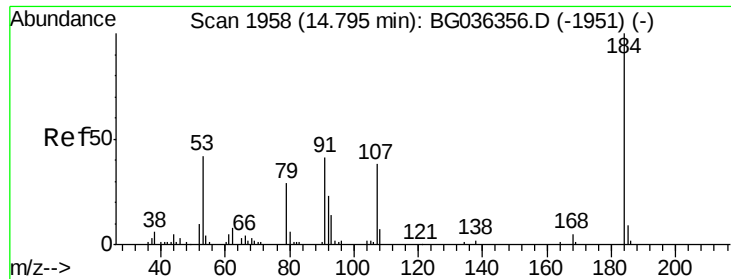


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

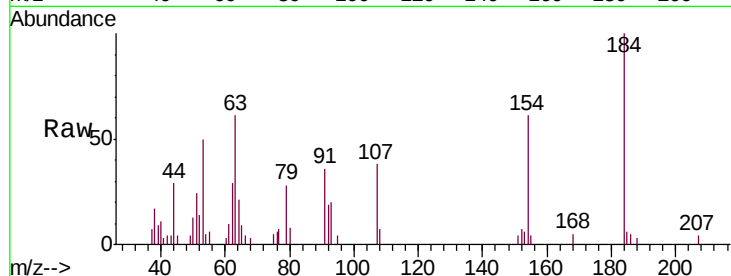




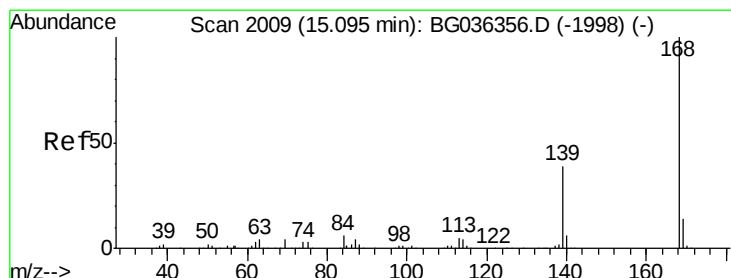
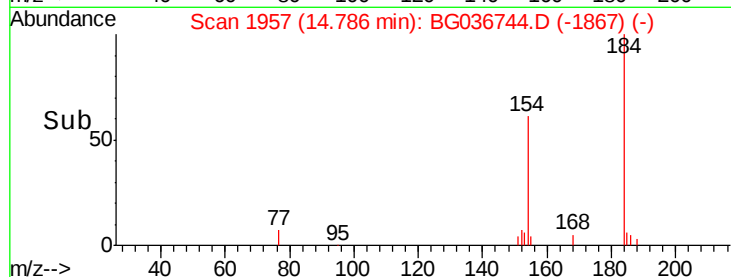
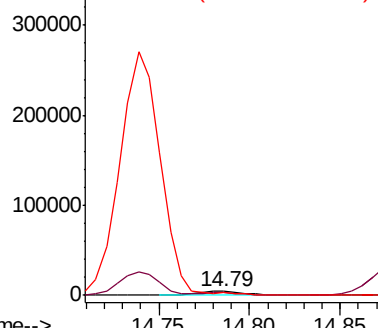
#53
2,4-Dinitrophenol
Concen: 8.461 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tgt Ion:184 Resp: 8427
Ion Ratio Lower Upper
184 100
63 61.1 47.3 70.9
154 61.0 51.1 76.7

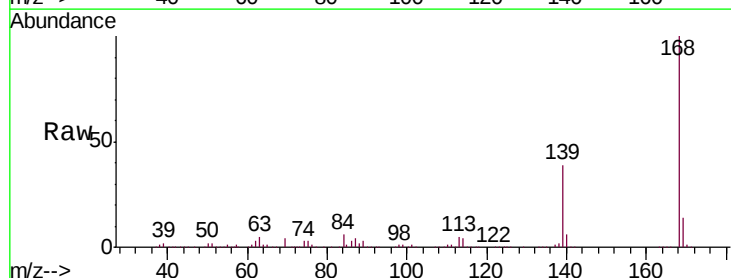


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

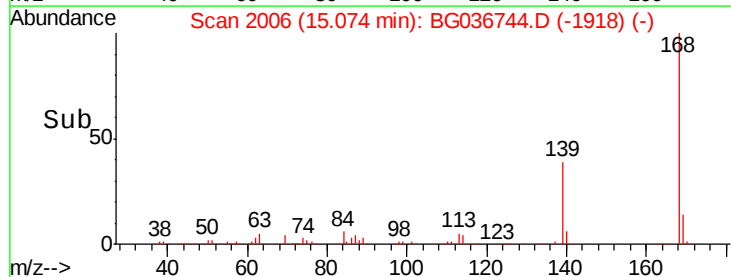
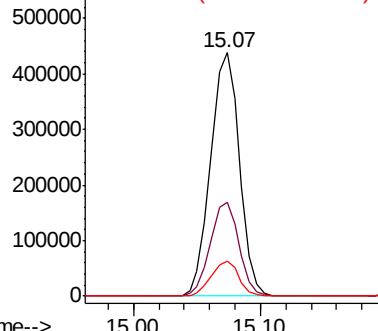


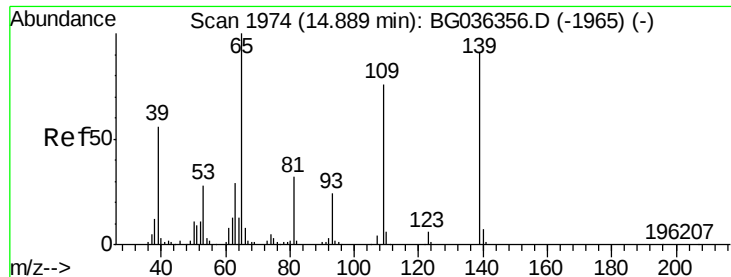
#54
Dibenzofuran
Concen: 44.346 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion:168 Resp: 689603
Ion Ratio Lower Upper
168 100
139 38.8 31.0 46.6
169 14.5 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

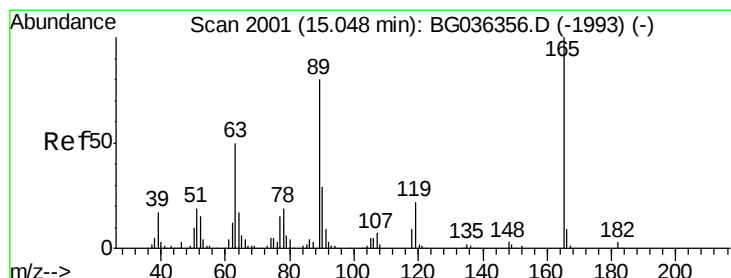
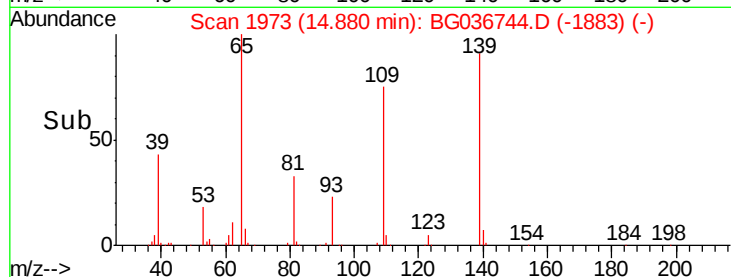
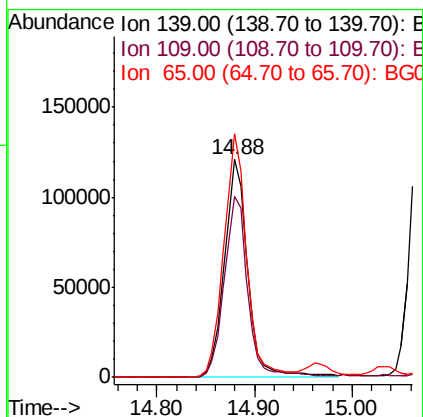
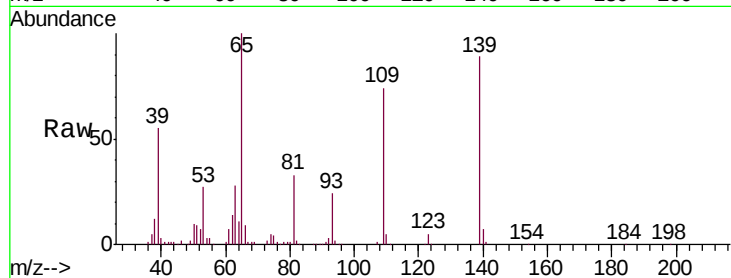




#55
4-Nitrophenol
Concen: 86.455 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

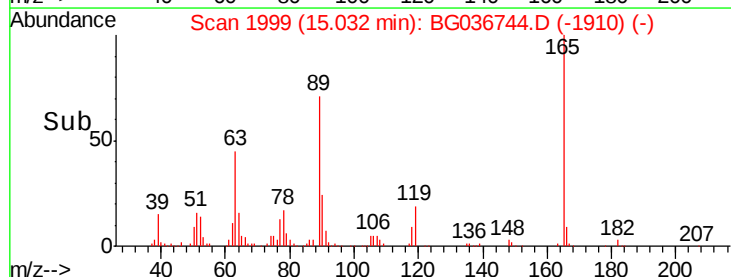
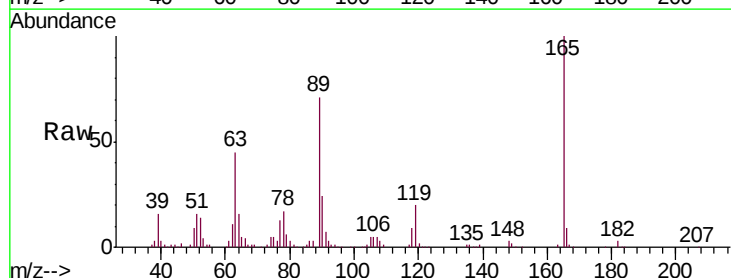
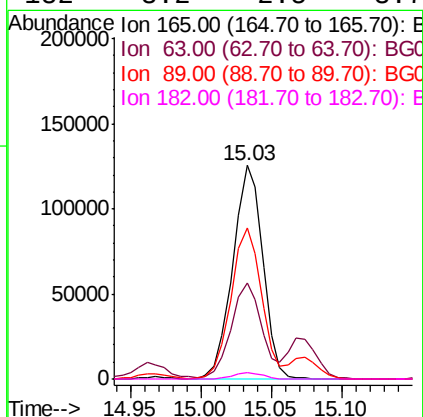
Instrument :
BNA_G
ClientSampleId :
PB112846BS

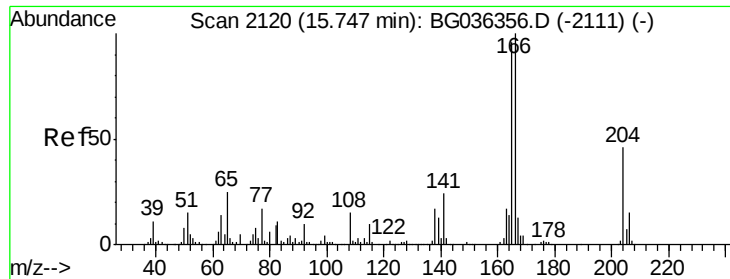
Tgt Ion:139 Resp: 200301
Ion Ratio Lower Upper
139 100
109 83.0 63.9 103.9
65 112.0 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 54.277 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion:165 Resp: 186006
Ion Ratio Lower Upper
165 100
63 44.8 40.1 60.1
89 71.0 63.7 95.5
182 3.2 2.5 3.7

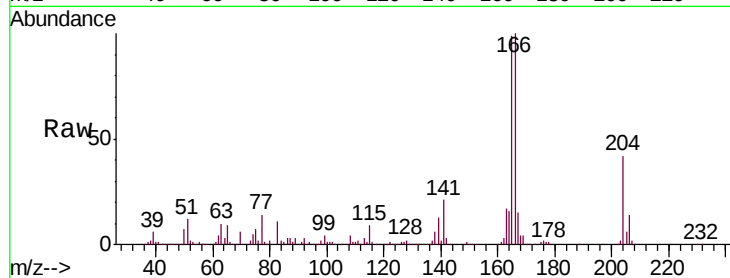




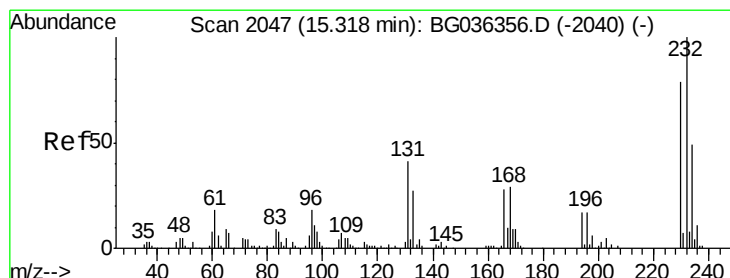
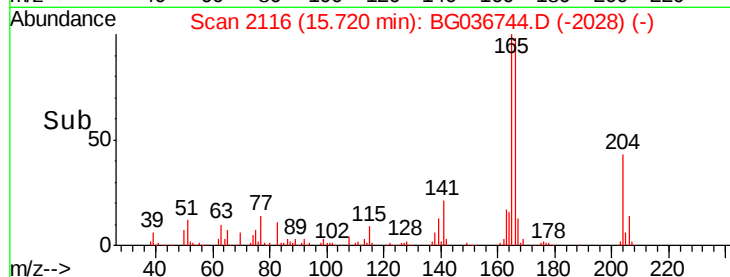
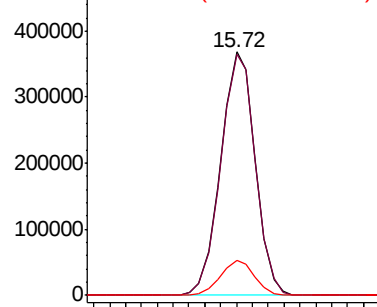
#57
 Fluorene
 Concen: 47.865 ng
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

Tgt Ion:166 Resp: 556429
 Ion Ratio Lower Upper
 166 100
 165 98.9 77.0 115.4
 167 14.6 10.6 16.0

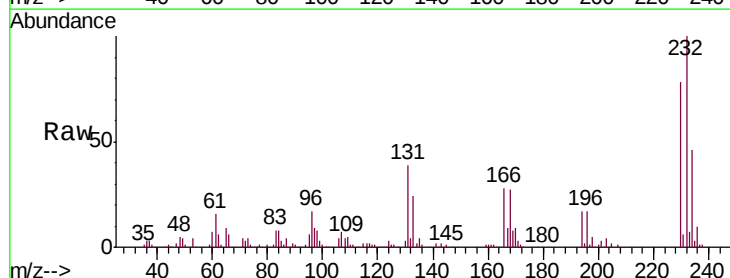


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

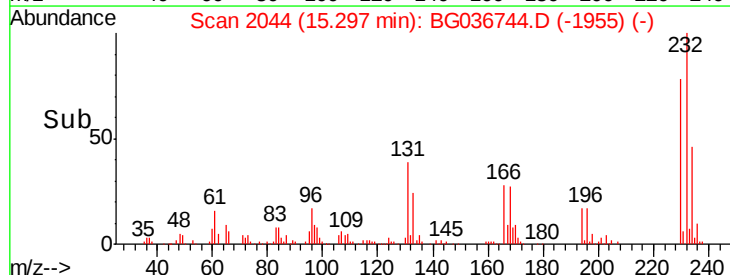
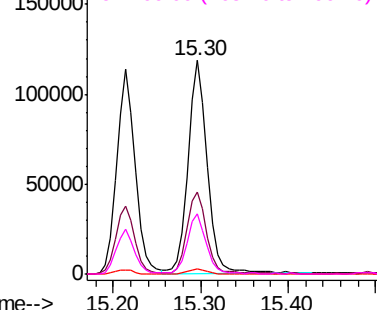


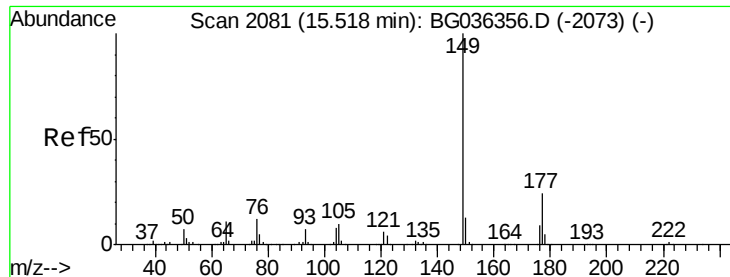
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.823 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion:232 Resp: 181959
 Ion Ratio Lower Upper
 232 100
 131 38.2 33.8 50.8
 130 2.3 2.1 3.1
 166 26.8 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: 45.604 ng

RT: 15.49 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleId :

PB112846BS

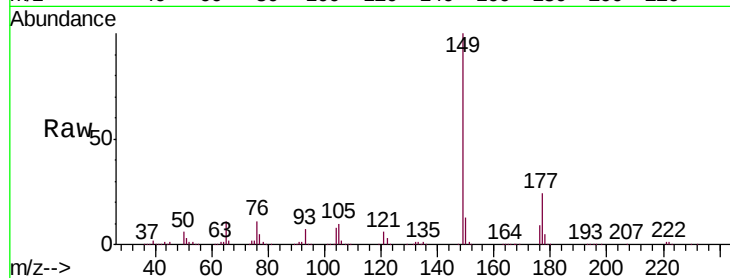
Tgt Ion:149 Resp: 587287

Ion Ratio Lower Upper

149 100

177 24.3 19.1 28.7

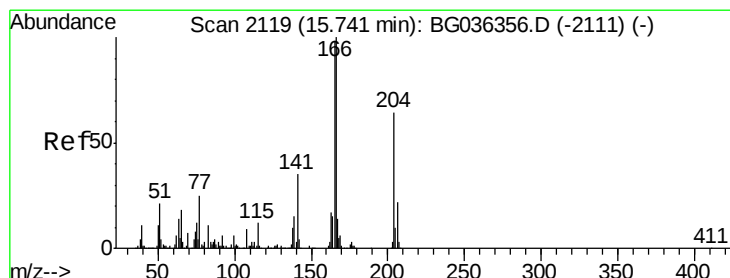
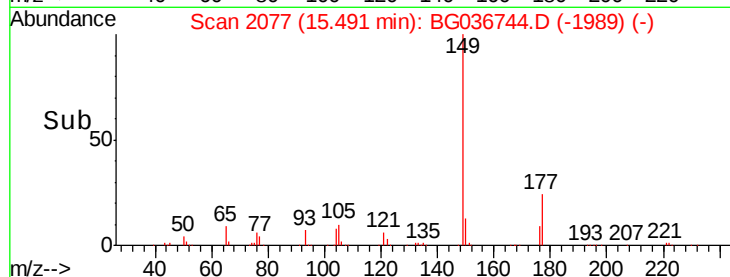
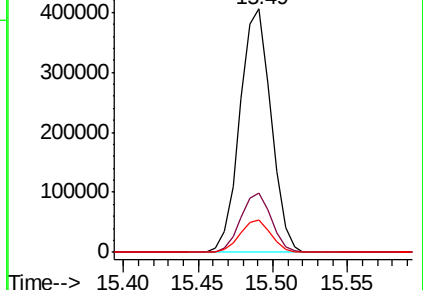
150 13.2 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.846 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

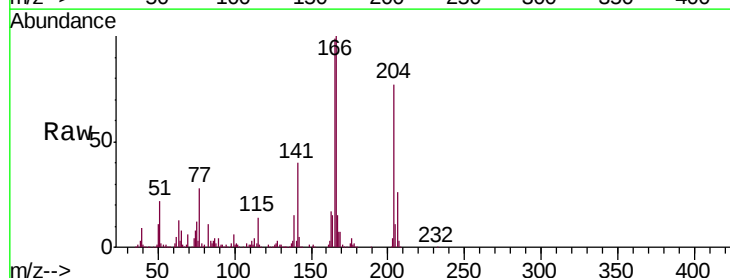
Tgt Ion:204 Resp: 321922

Ion Ratio Lower Upper

204 100

206 34.5 27.0 40.4

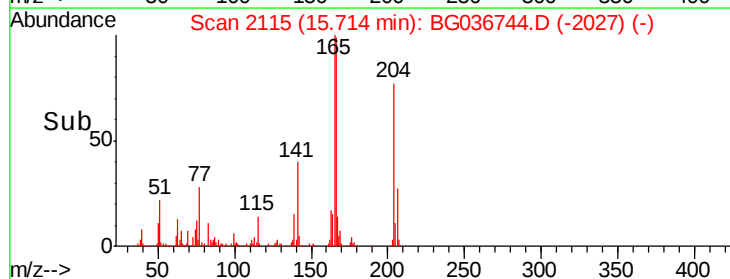
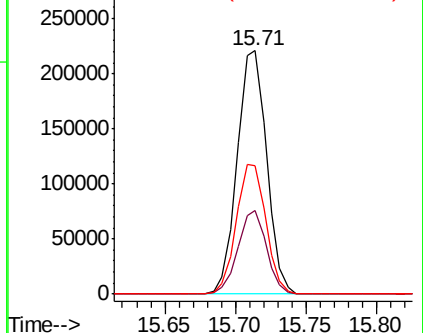
141 52.5 43.8 65.6

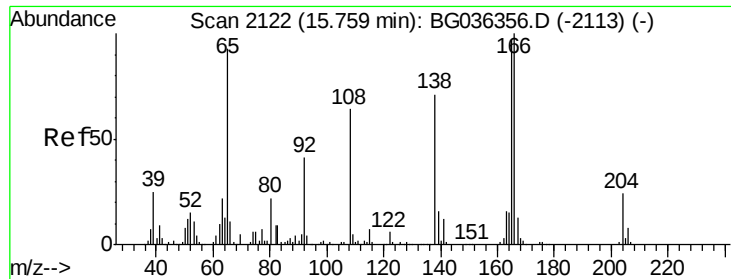


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

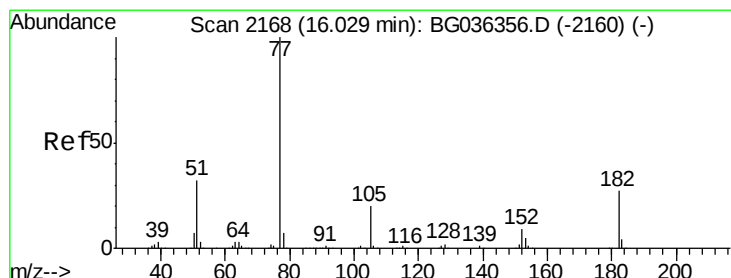
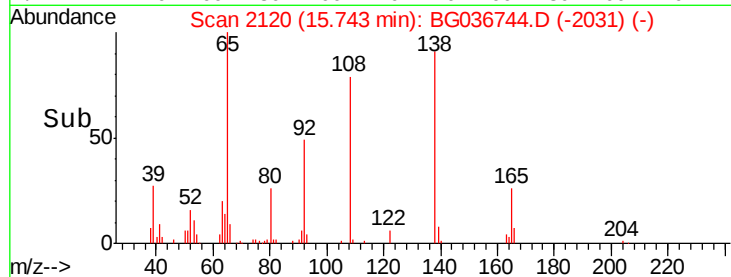
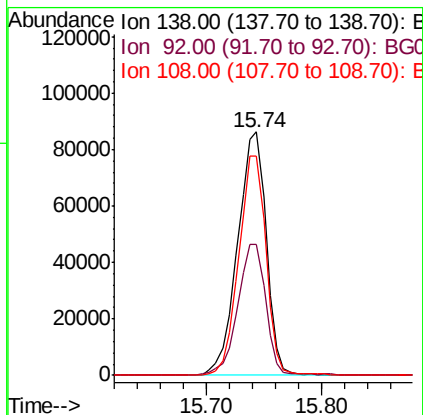
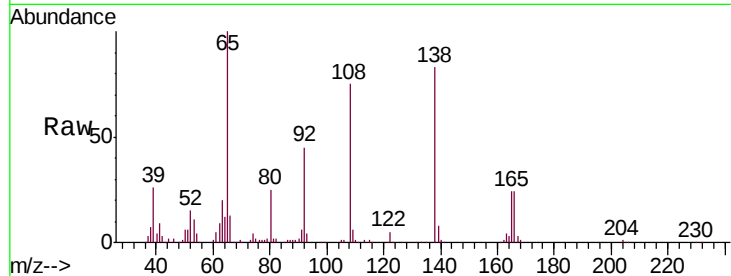




#61
4-Nitroaniline
Concen: 50.014 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

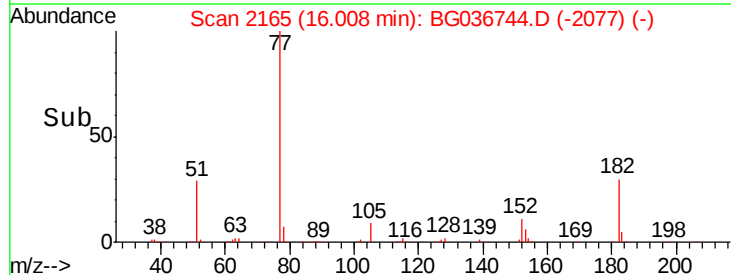
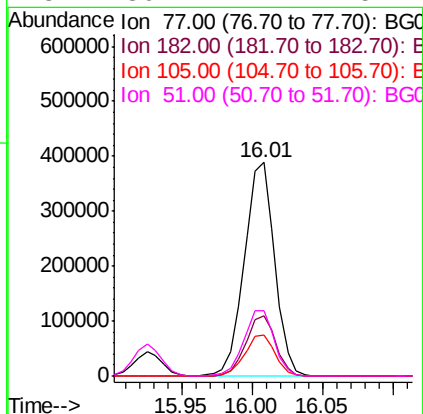
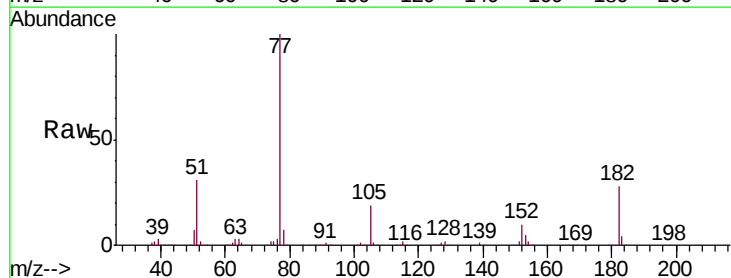
Instrument :
BNA_G
ClientSampleId :
PB112846BS

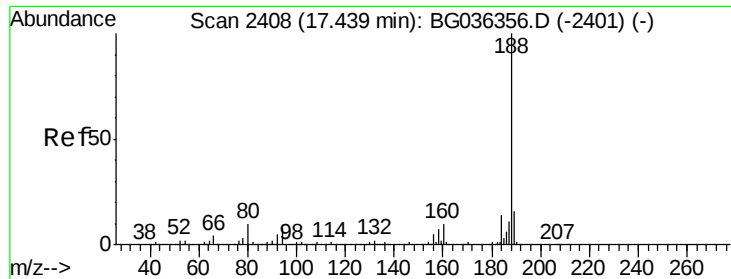
Tgt Ion:138 Resp: 148301
Ion Ratio Lower Upper
138 100
92 53.7 38.5 78.5
108 90.3 70.3 110.3



#62
Azobenzene
Concen: 44.291 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion: 77 Resp: 580348
Ion Ratio Lower Upper
77 100
182 28.4 6.7 46.7
105 19.1 0.0 39.8
51 30.7 12.4 52.4

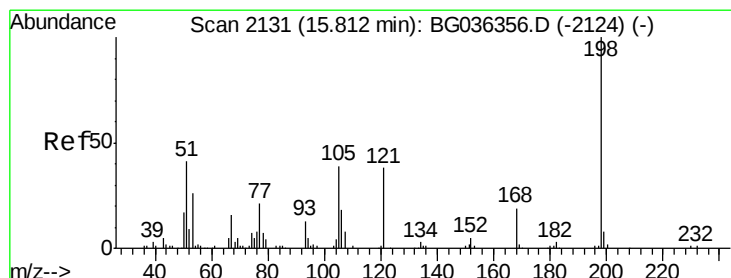
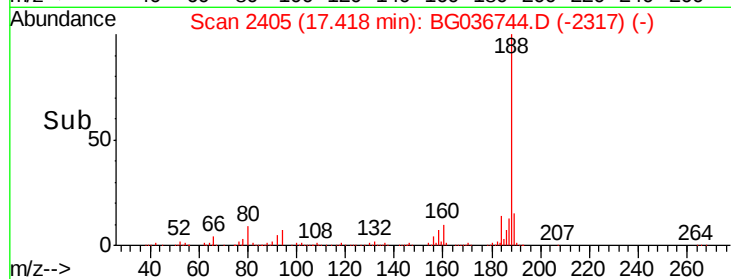
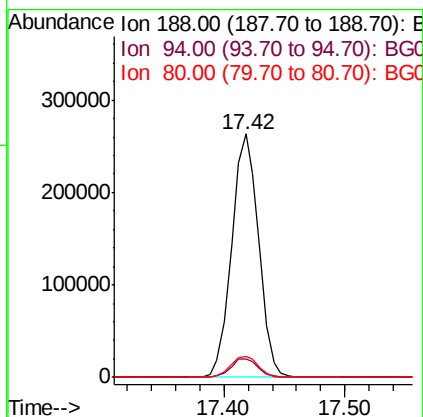
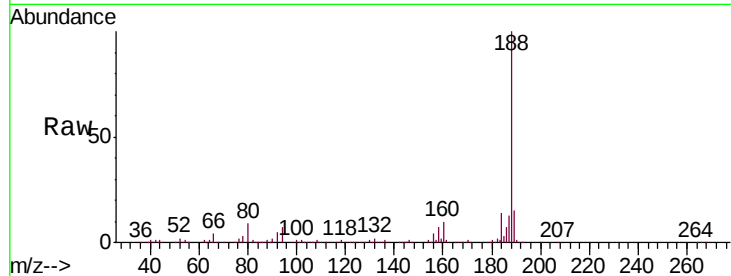




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

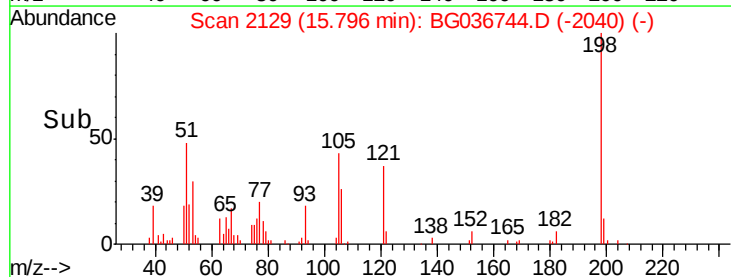
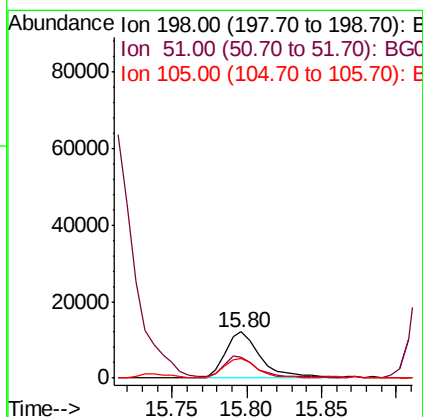
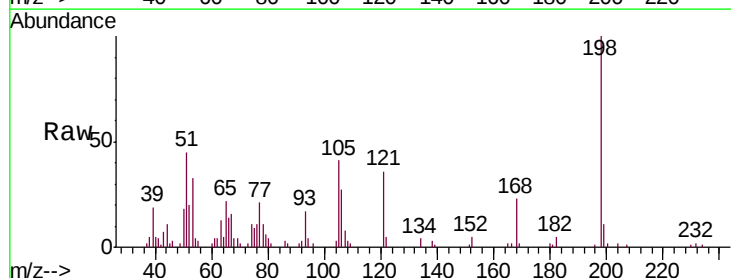
Instrument :
BNA_G
ClientSampleId :
PB112846BS

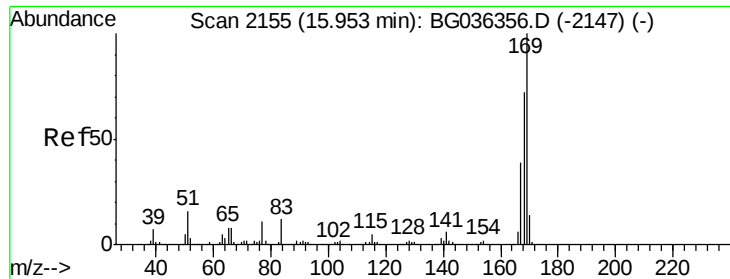
Tgt Ion:188 Resp: 408265
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.7 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 11.320 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion:198 Resp: 20301
Ion Ratio Lower Upper
198 100
51 45.2 26.5 66.5
105 41.3 20.2 60.2

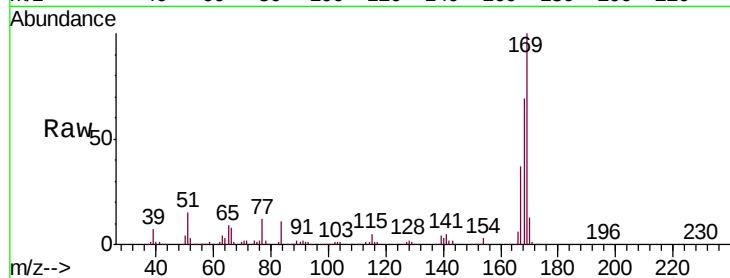




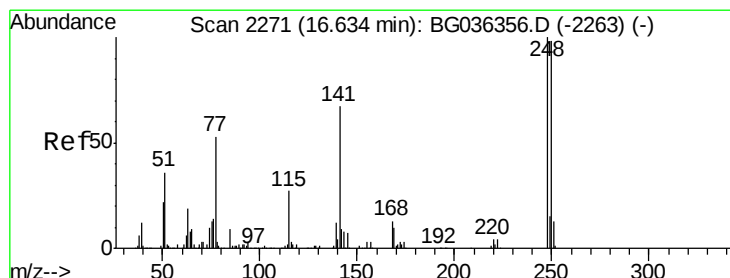
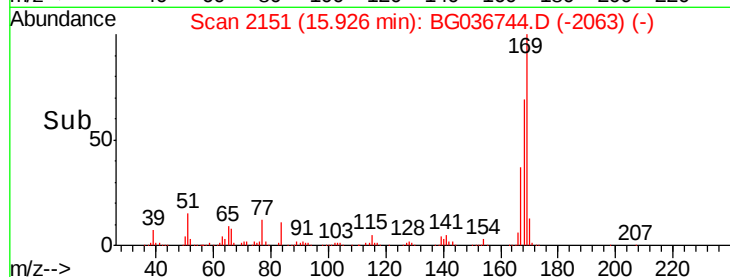
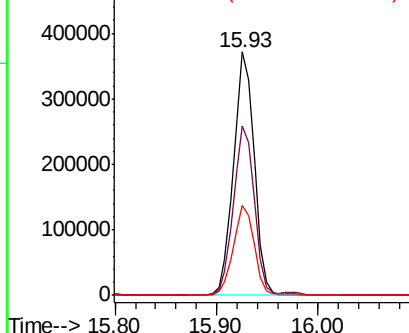
#65
 n-Nitrosodiphenylamine
 Concen: 43.345 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.4	57.6	86.4
167	36.9	31.0	46.4

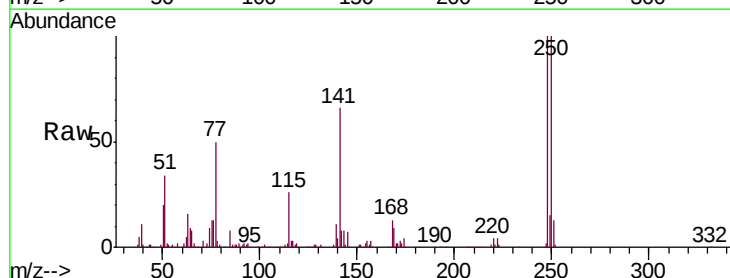


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

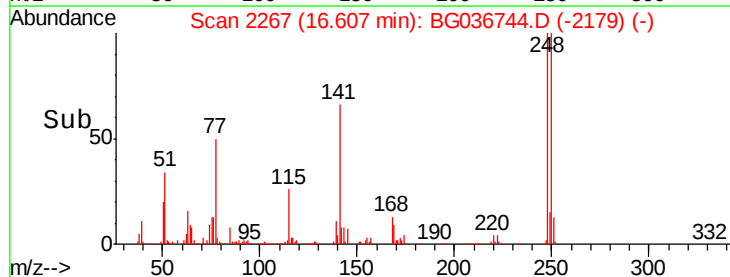
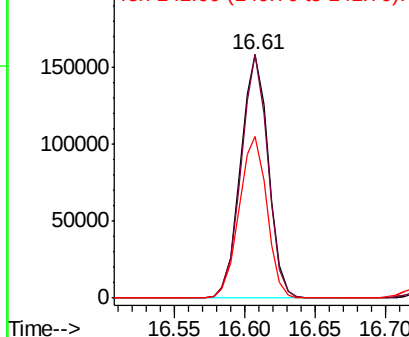


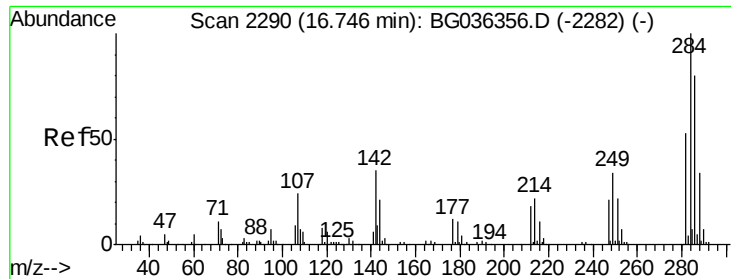
#66
 4-Bromophenyl-phenylether
 Concen: 45.374 ng
 RT: 16.61 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.8	78.1	117.1
141	66.2	53.7	80.5



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

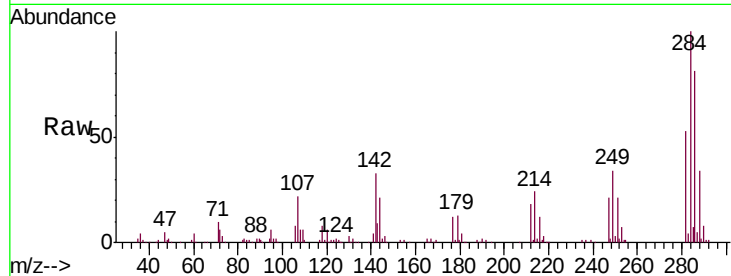




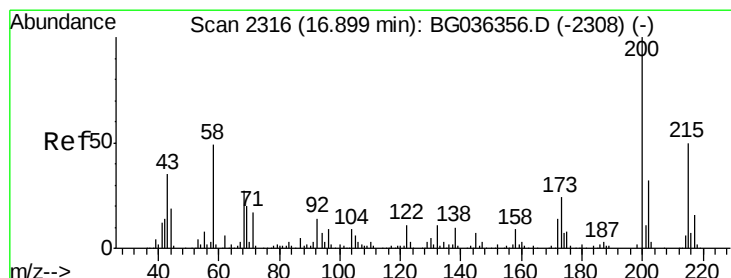
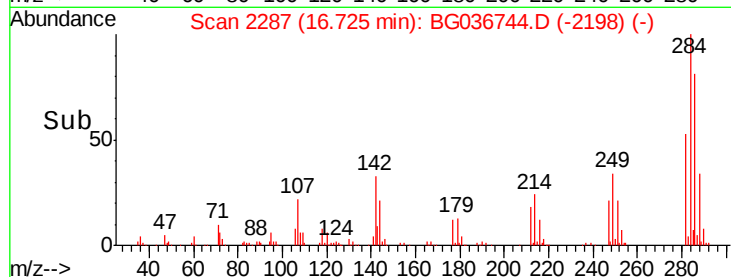
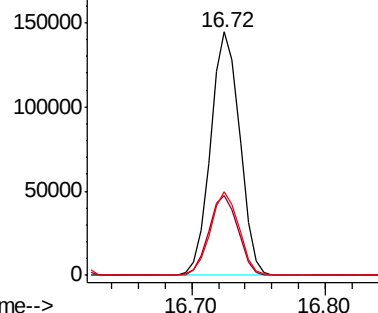
#67
Hexachlorobenzene
Concen: 44.588 ng
RT: 16.72 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	27.8	41.6
249	34.2	27.4	41.2

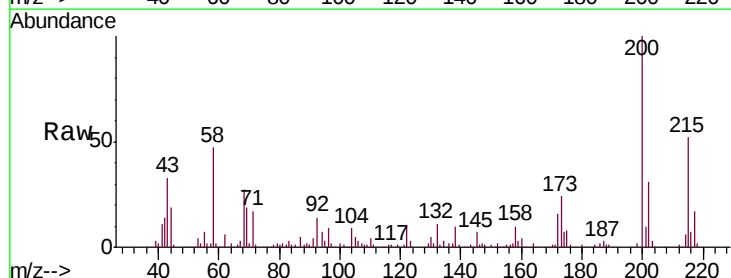


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

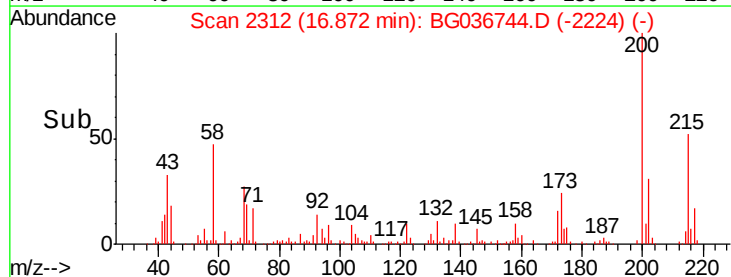
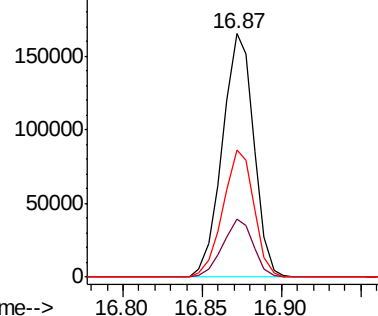


#68
Atrazine
Concen: 50.191 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.7	3.9	43.9
215	52.1	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

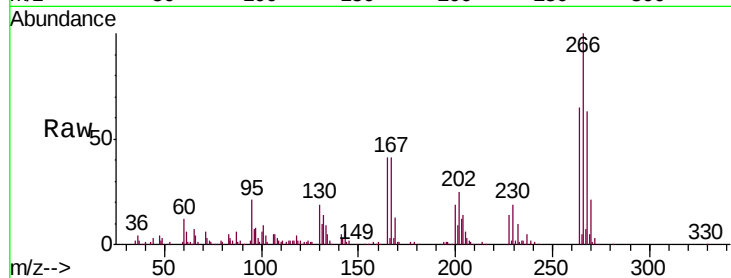




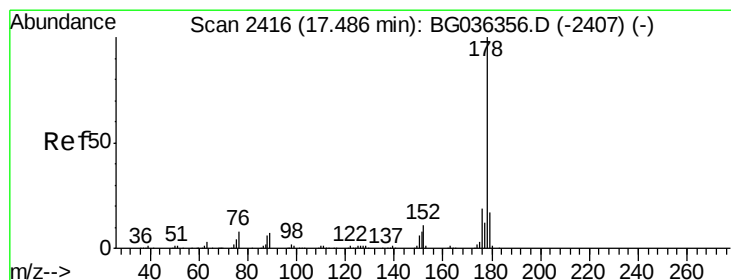
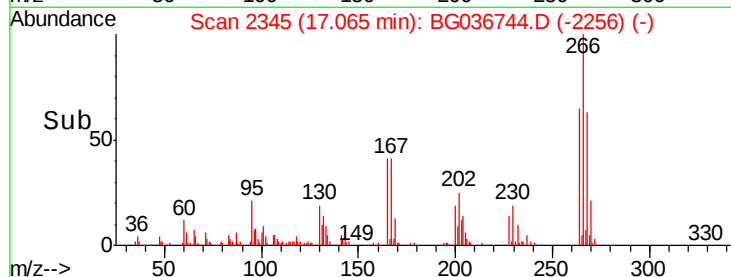
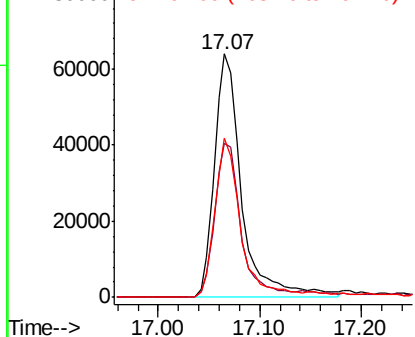
#69
 Pentachlorophenol
 Concen: 36.053 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

Tgt Ion: 266 Resp: 119762
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.4 77.2
 264 65.2 48.9 73.3

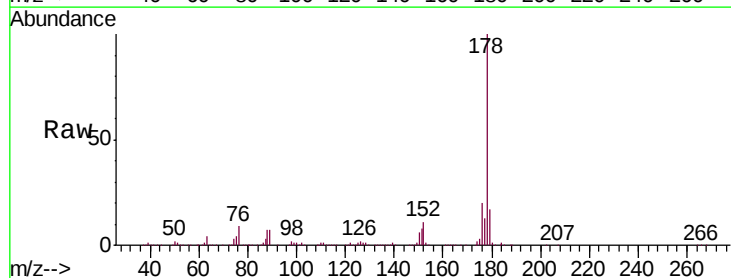


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

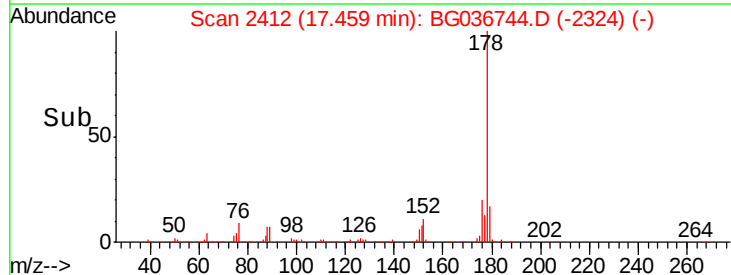
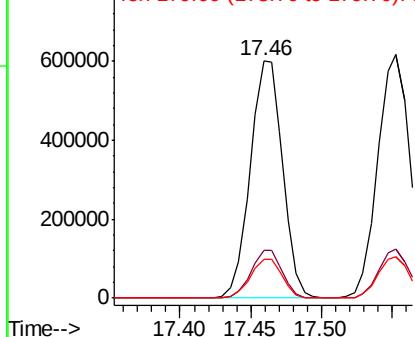


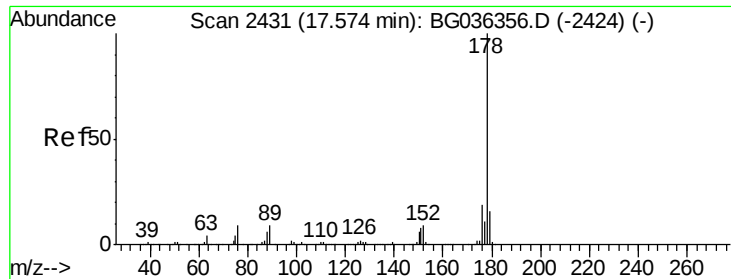
#70
 Phenanthrene
 Concen: 46.530 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion: 178 Resp: 965280
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.2
 179 16.6 13.4 20.2



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

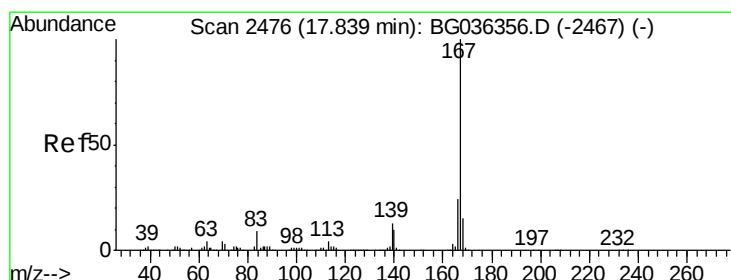
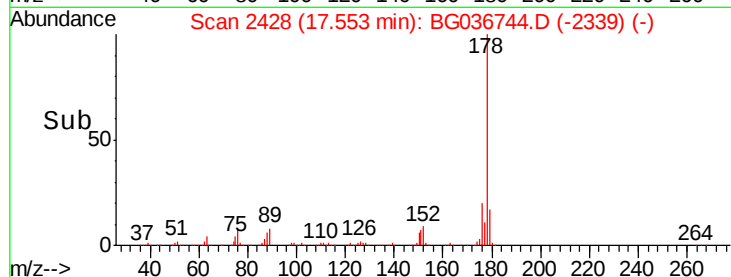
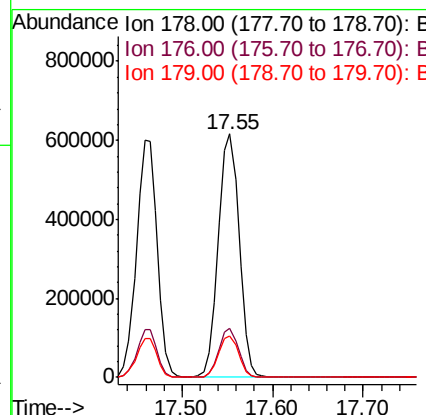
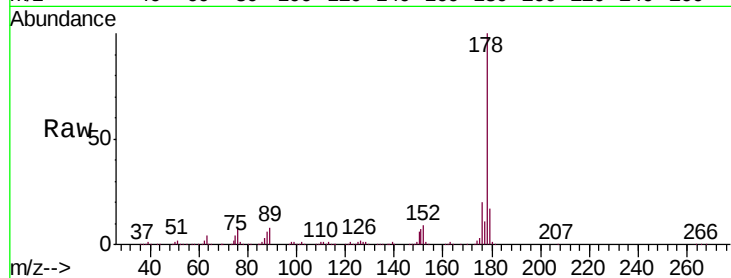




#71
 Anthracene
 Concen: 47.530 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

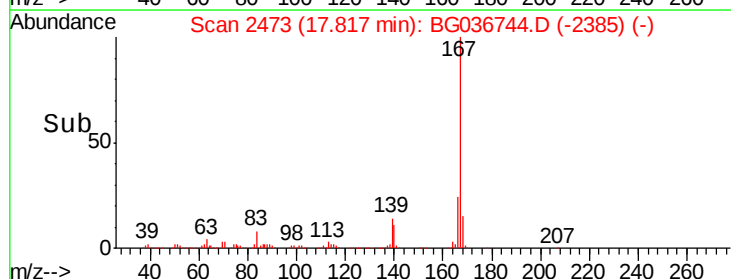
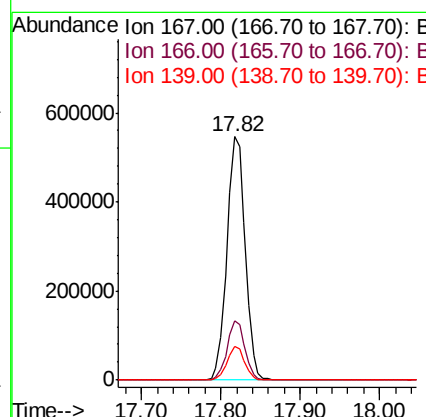
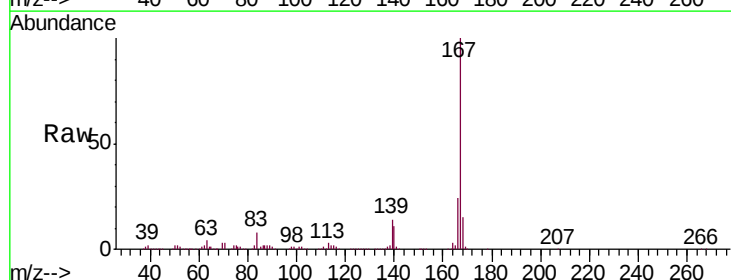
Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

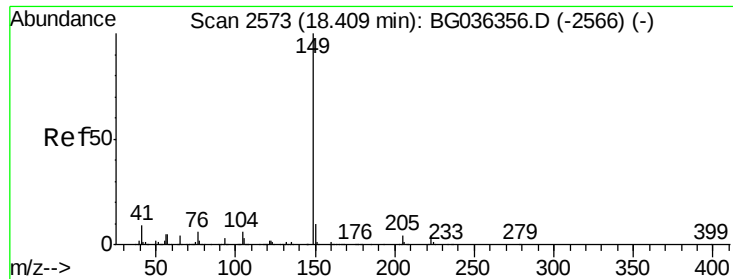
Tgt Ion:178 Resp: 982888
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 17.2 13.0 19.4



#72
 Carbazole
 Concen: 42.160 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion:167 Resp: 870685
 Ion Ratio Lower Upper
 167 100
 166 24.2 19.5 29.3
 139 13.8 10.7 16.1

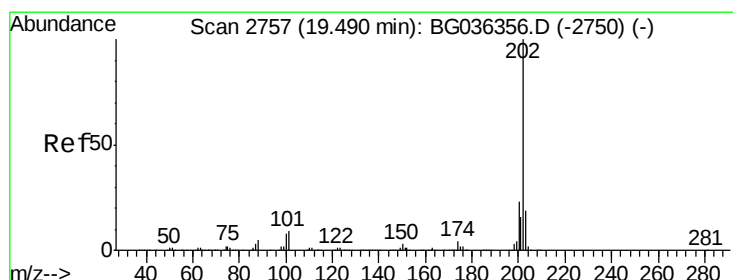
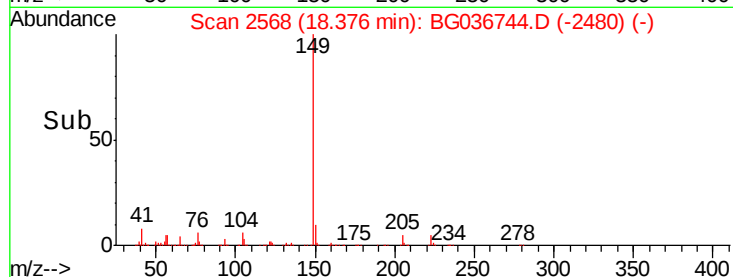
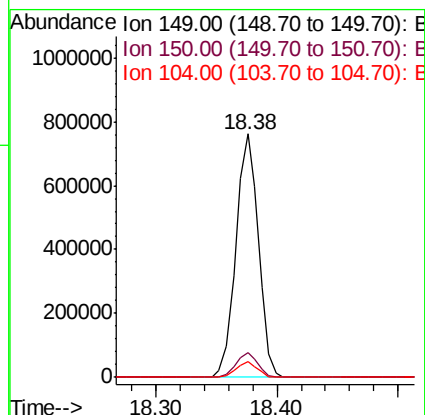
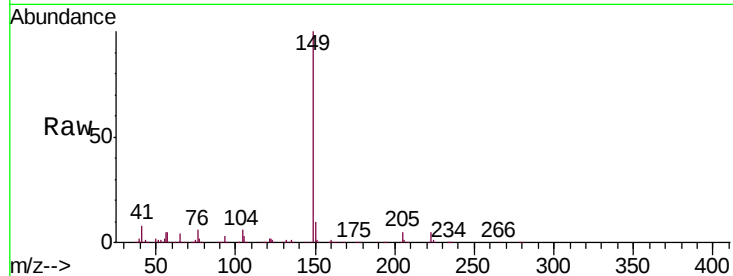




#73
Di-n-butylphthalate
Concen: 42.841 ng
RT: 18.38 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

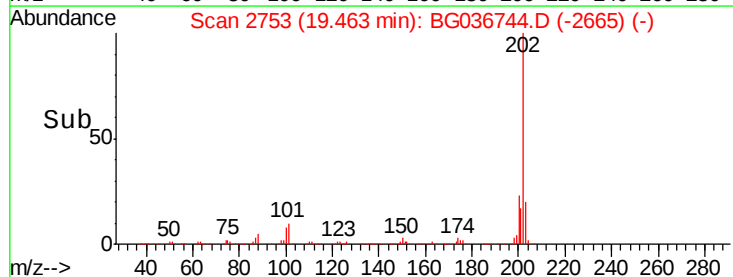
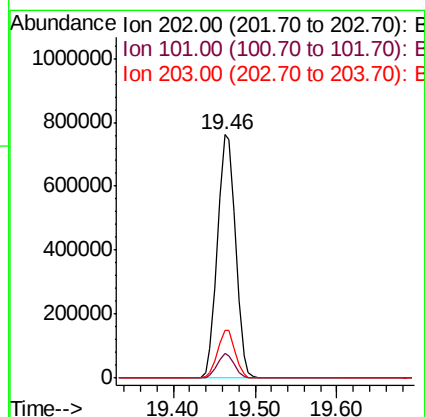
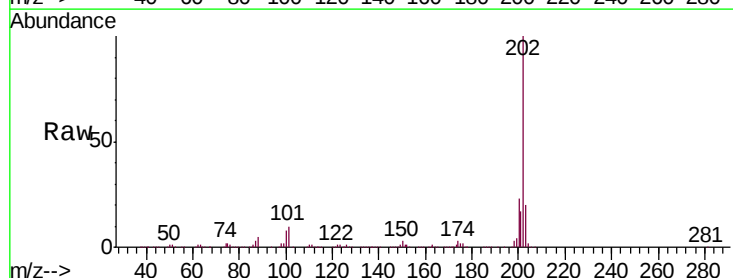
Instrument :
BNA_G
ClientSampleId :
PB112846BS

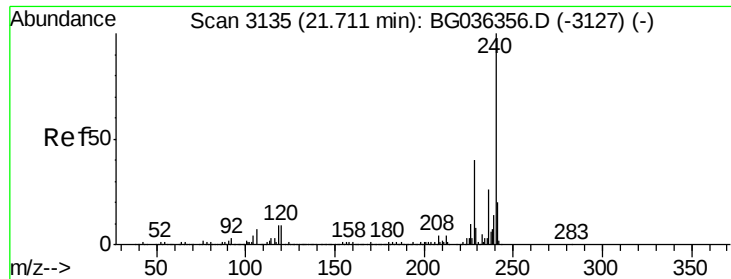
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	6.3	4.6	6.8



#74
Fluoranthene
Concen: 46.363 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.4
203	19.5	0.0	38.9

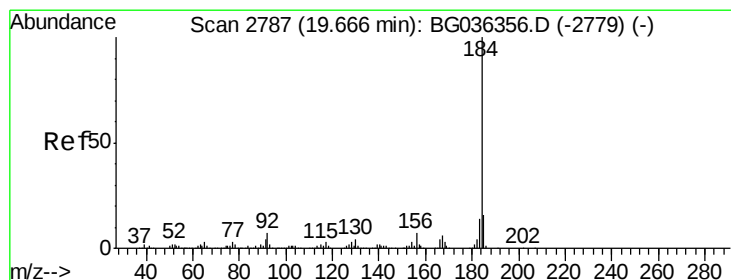
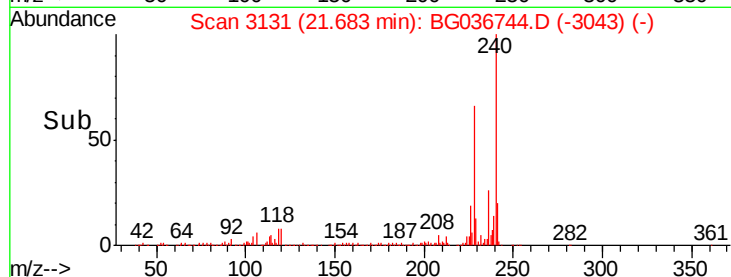
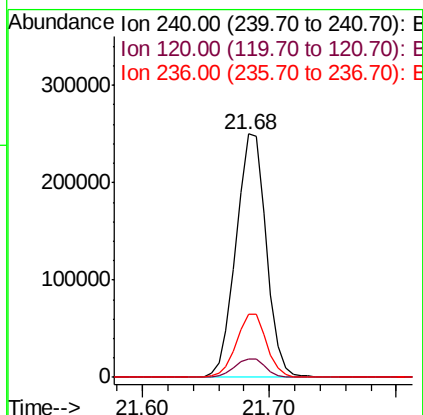
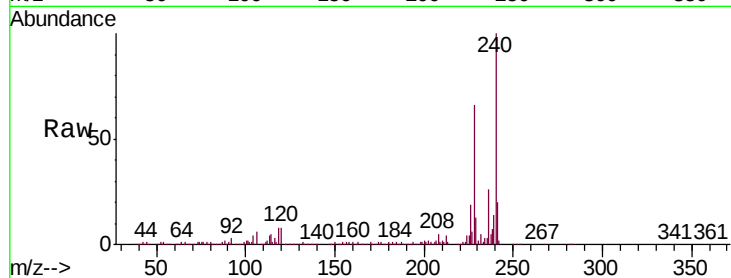




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

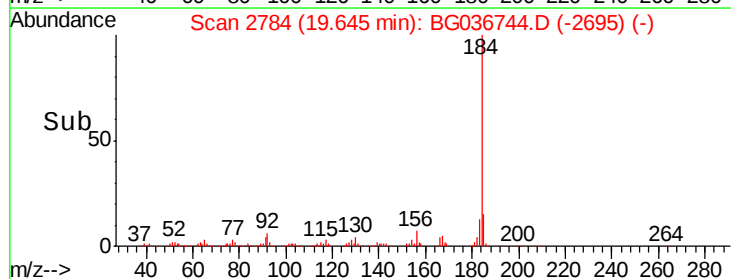
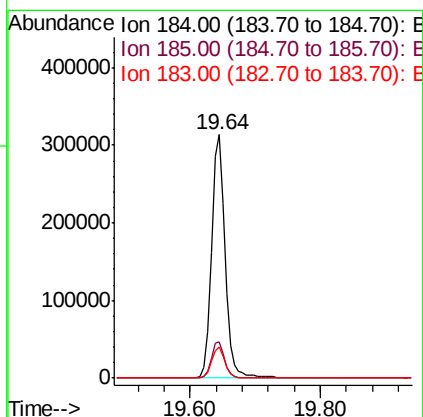
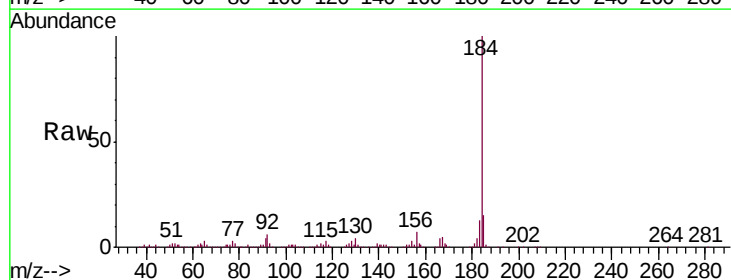
Instrument :
BNA_G
ClientSampleId :
PB112846BS

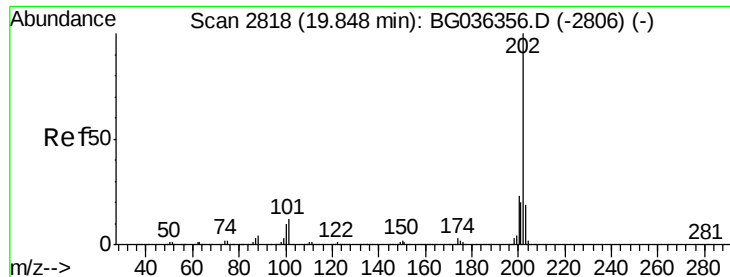
Tgt Ion:240 Resp: 412755
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 25.8 21.2 31.8



#76
Benzidine
Concen: 34.302 ng
RT: 19.64 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion:184 Resp: 451709
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 12.7 10.9 16.3

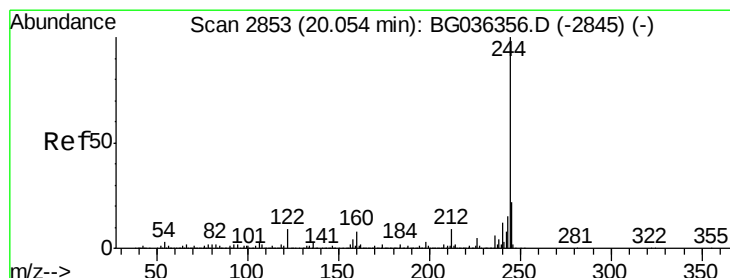
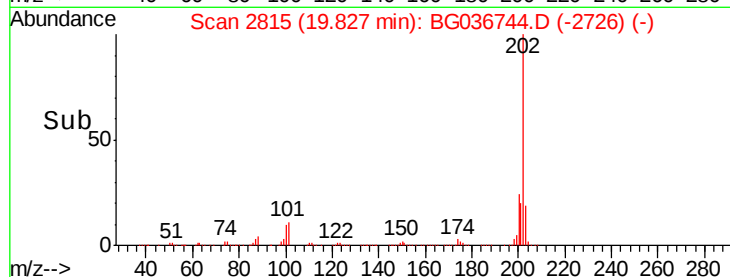
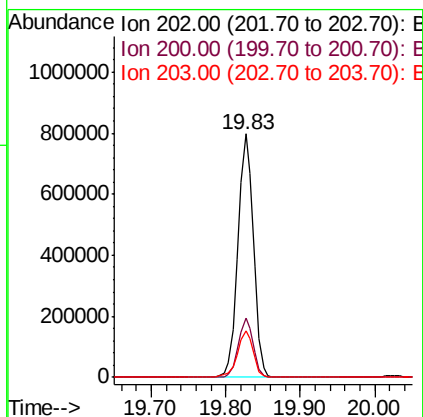
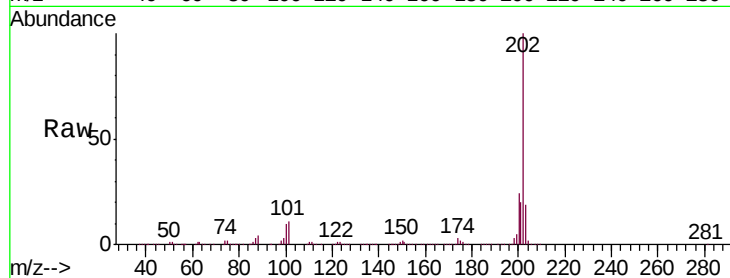




#77
 Pyrene
 Concen: 45.212 ng
 RT: 19.83 min Scan# 2815
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

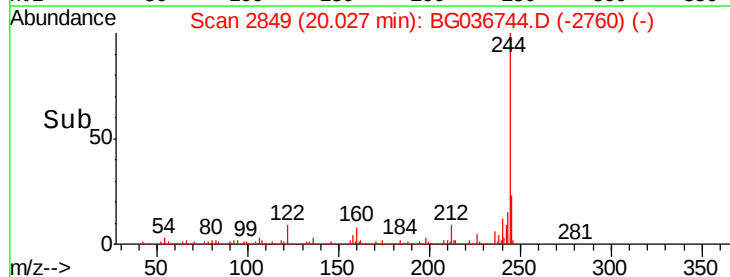
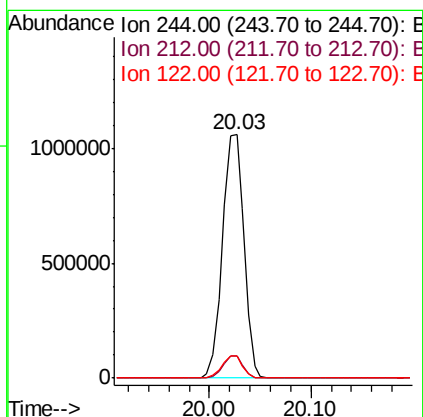
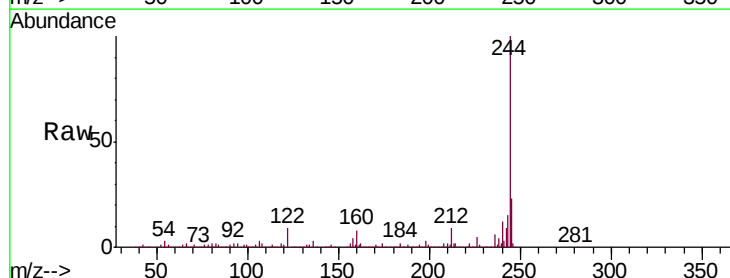
Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

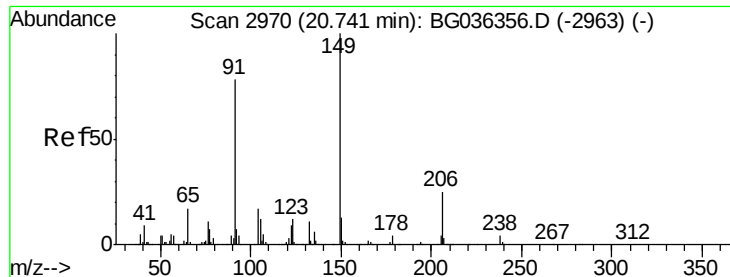
Tgt Ion: 202 Resp: 1147563
 Ion Ratio Lower Upper
 202 100
 200 24.2 18.3 27.5
 203 19.1 15.1 22.7



#78
 Terphenyl-d14
 Concen: 88.392 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion: 244 Resp: 1560935
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.0 10.6
 122 9.2 7.1 10.7

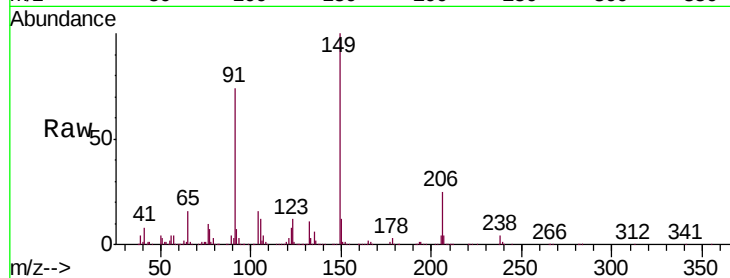




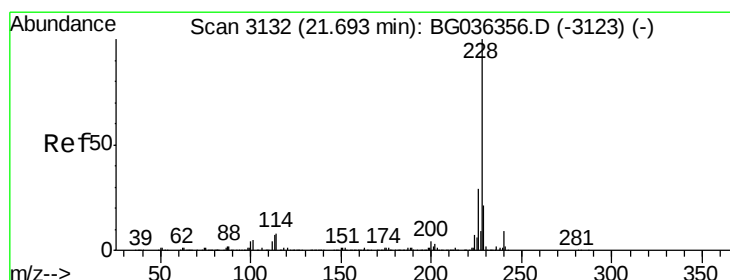
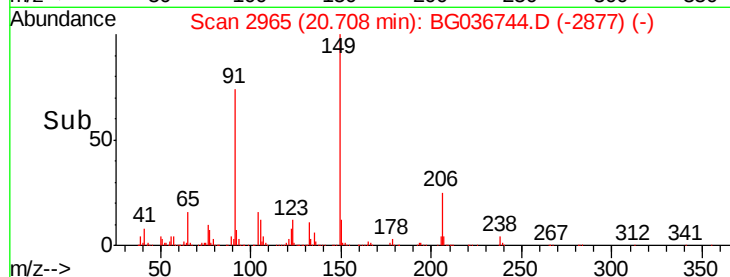
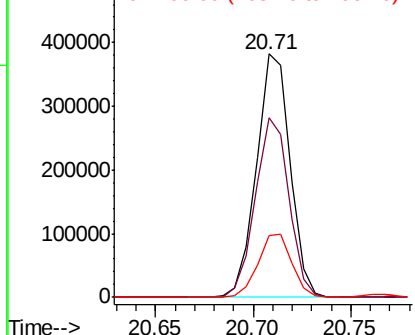
#79
Butylbenzylphthalate
Concen: 45.192 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tgt Ion:149 Resp: 456494
Ion Ratio Lower Upper
149 100
91 73.5 62.0 93.0
206 25.3 19.6 29.4

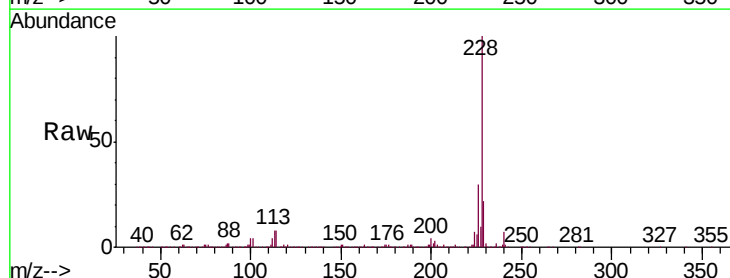


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

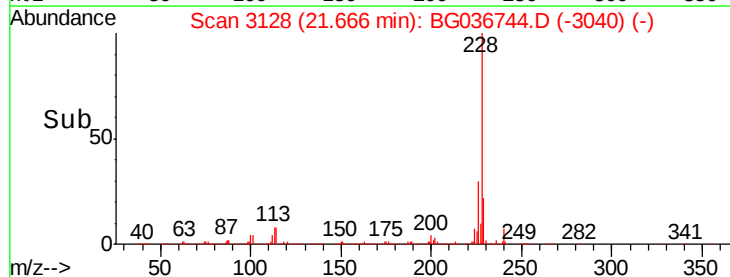
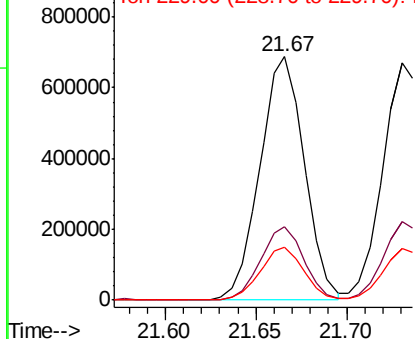


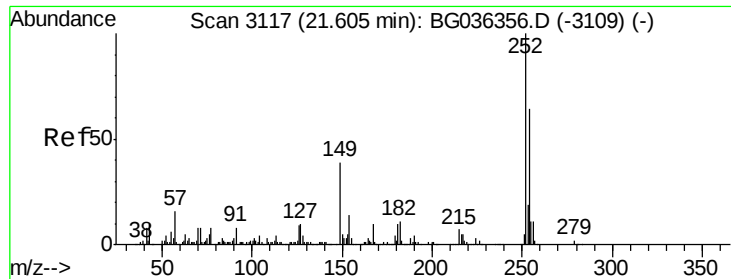
#80
Benzo(a)anthracene
Concen: 46.844 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion:228 Resp: 1171357
Ion Ratio Lower Upper
228 100
226 30.1 23.4 35.2
229 21.9 17.1 25.7



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

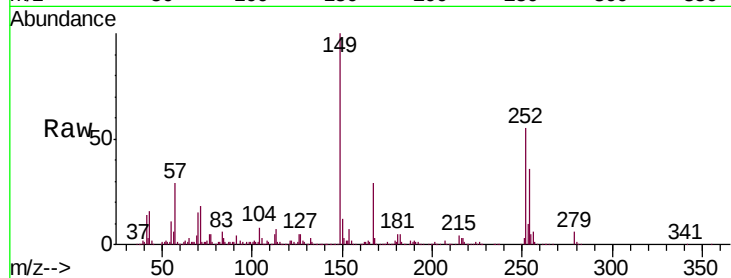




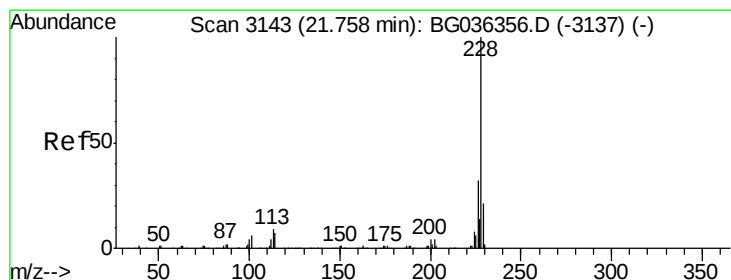
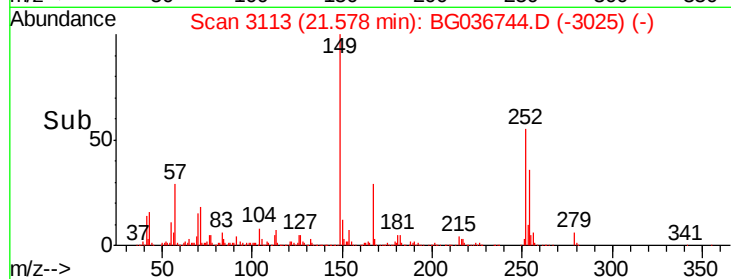
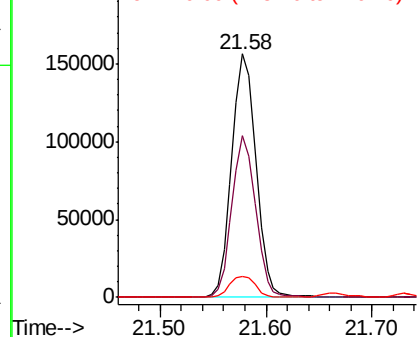
#81
 3,3'-Dichlorobenzidine
 Concen: 25.140 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

Tgt Ion: 252 Resp: 250535
 Ion Ratio Lower Upper
 252 100
 254 66.4 51.0 76.4
 126 8.5 7.4 11.0

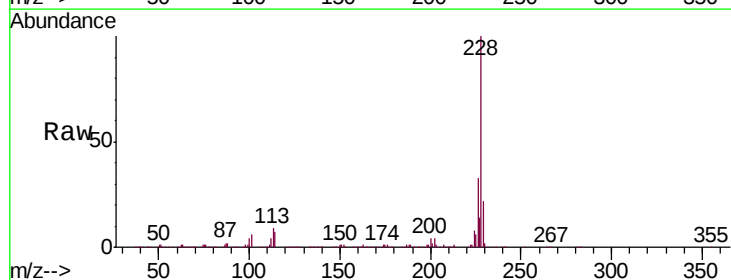


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

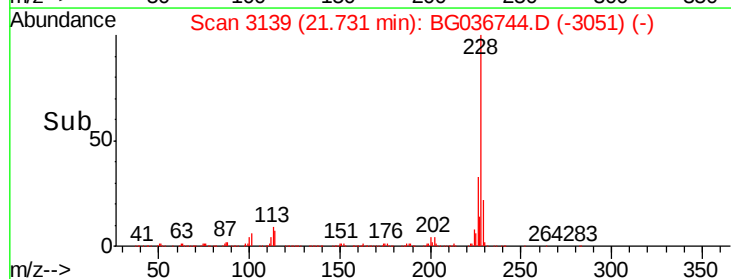
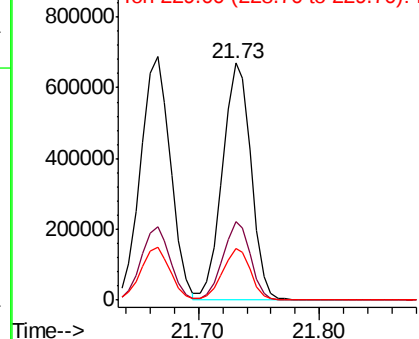


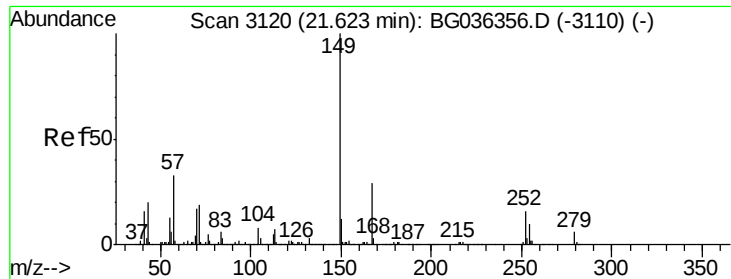
#82
 Chrysene
 Concen: 46.130 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion: 228 Resp: 1093355
 Ion Ratio Lower Upper
 228 100
 226 33.0 25.5 38.3
 229 22.0 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

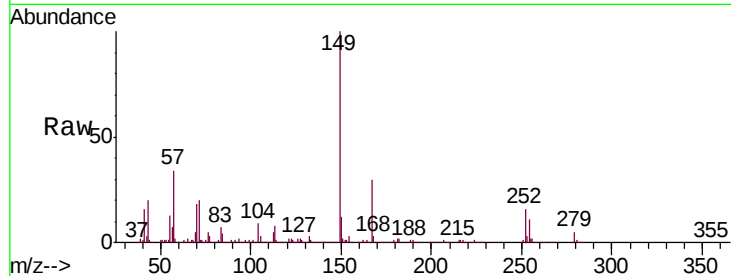




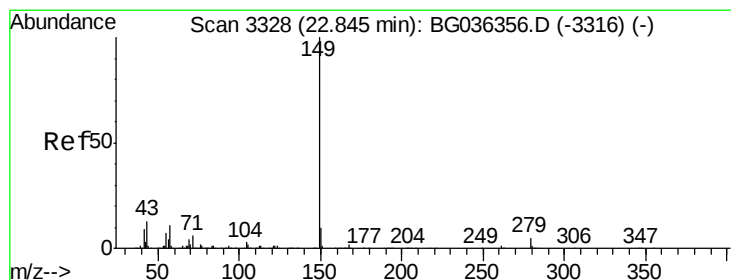
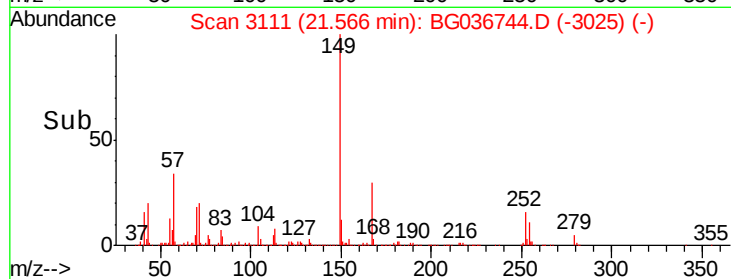
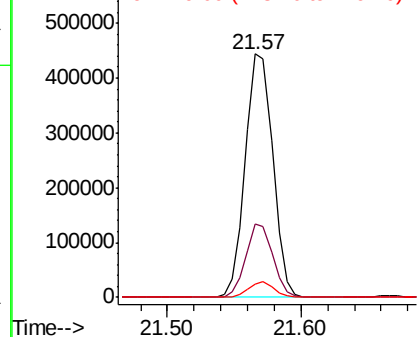
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.798 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.4	35.0
279	5.3	4.6	7.0

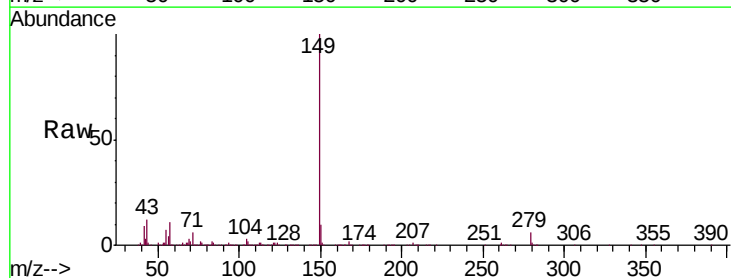


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

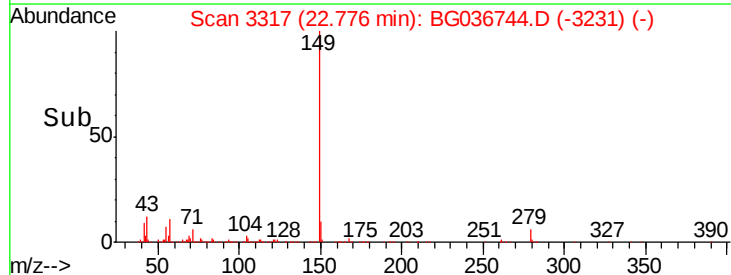
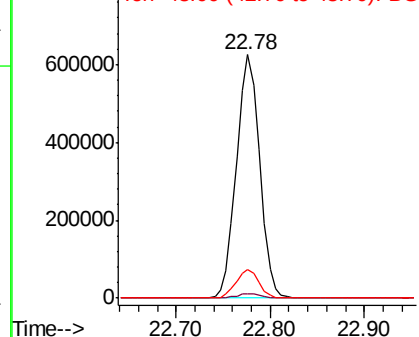


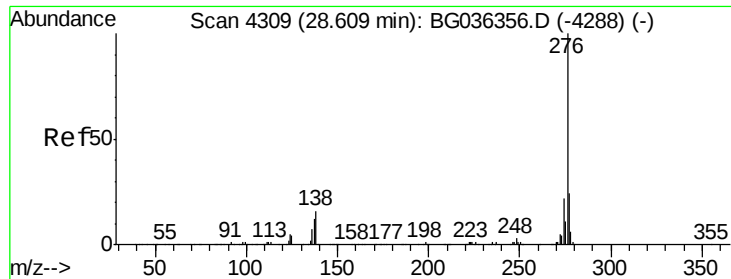
#84
 Di-n-octyl phthalate
 Concen: 45.530 ng
 RT: 22.78 min Scan# 3317
 Delta R.T. -0.02 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	11.5	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: 49.559 ng

RT: 28.53 min Scan# 4297

Delta R.T. -0.02 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleId :

PB112846BS

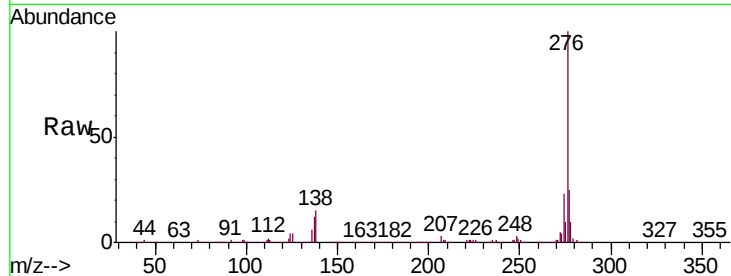
Tgt Ion:276 Resp: 1364307

Ion Ratio Lower Upper

276 100

138 19.2 10.6 15.8#

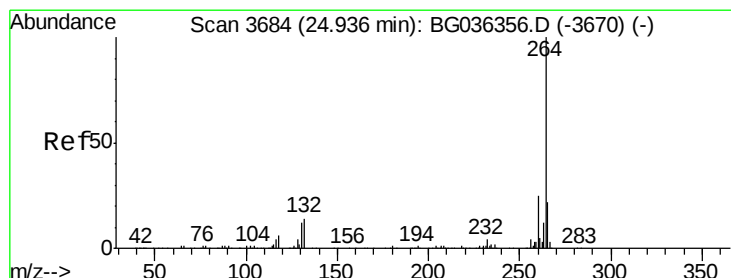
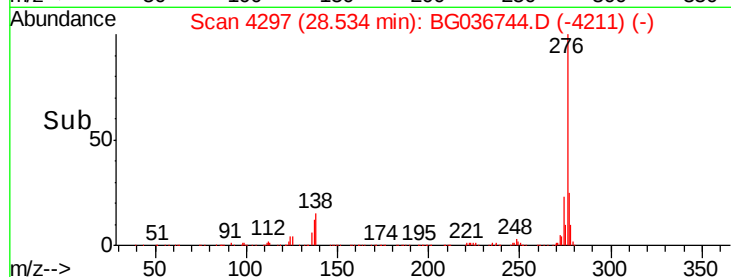
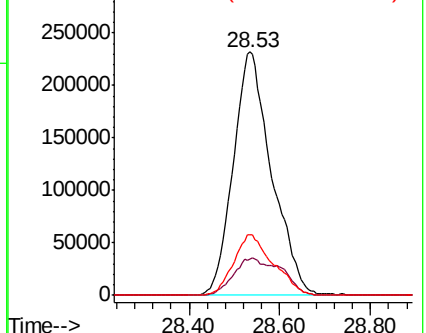
277 25.8 20.6 30.8



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# 3676

Delta R.T. -0.02 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

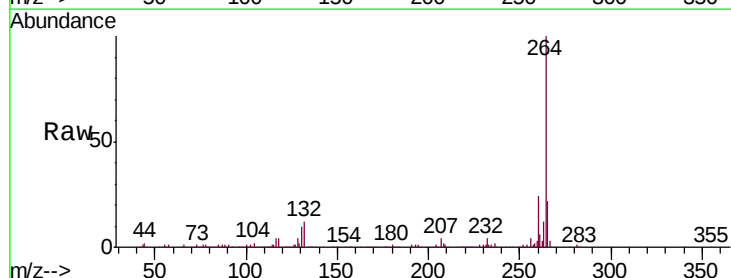
Tgt Ion:264 Resp: 435959

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

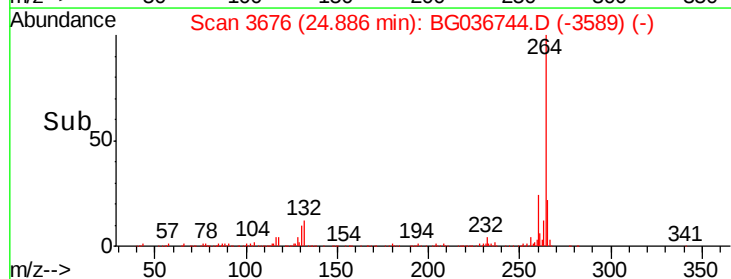
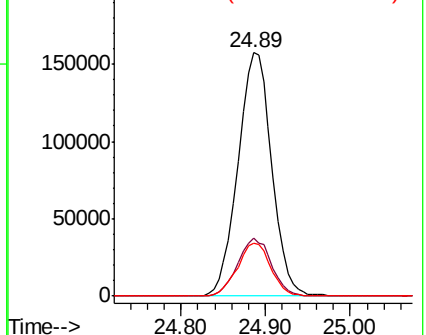
265 22.0 17.4 26.0

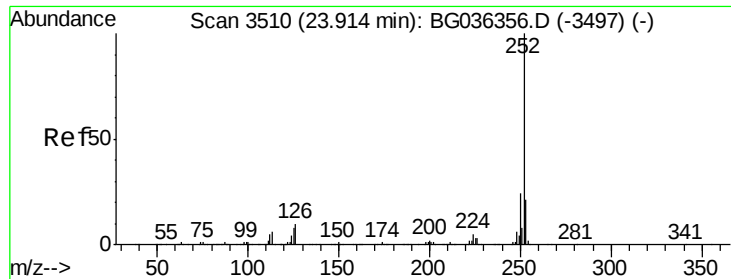


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

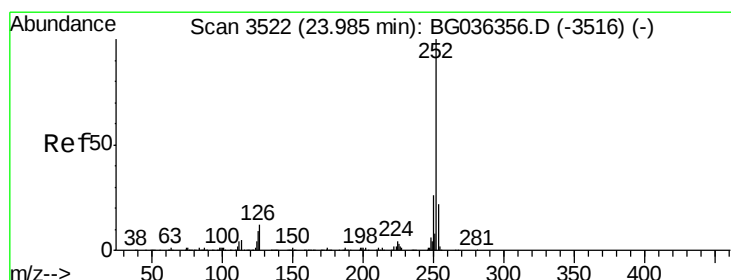
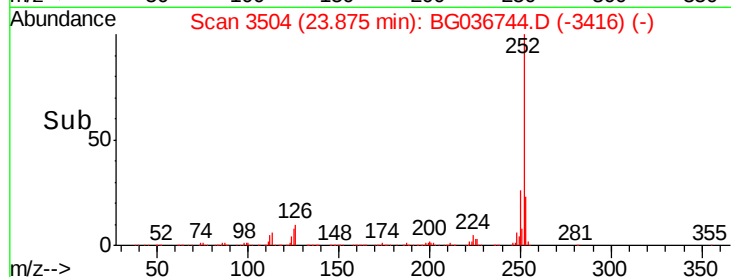
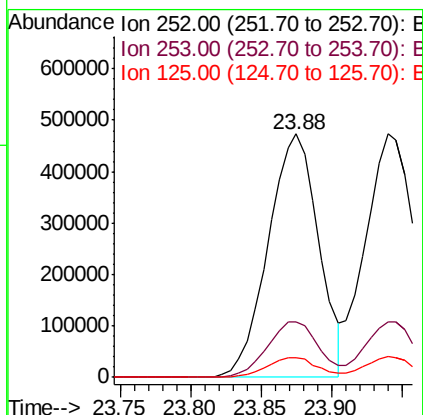
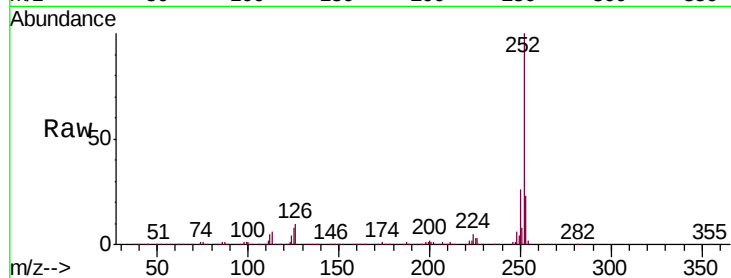




#87
Benzo(b)fluoranthene
Concen: 48.655 ng
RT: 23.88 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

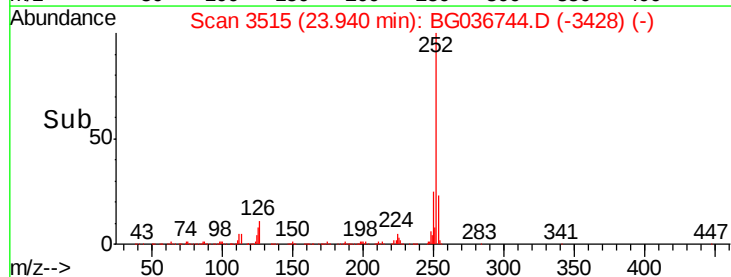
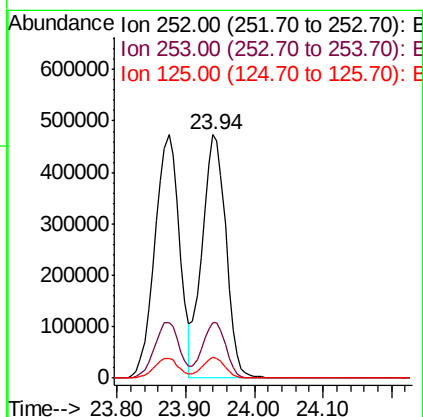
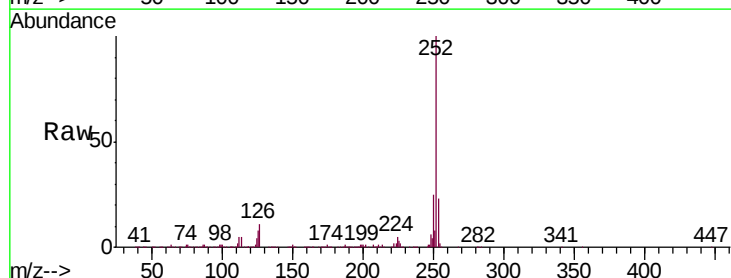
Instrument :
BNA_G
ClientSampleId :
PB112846BS

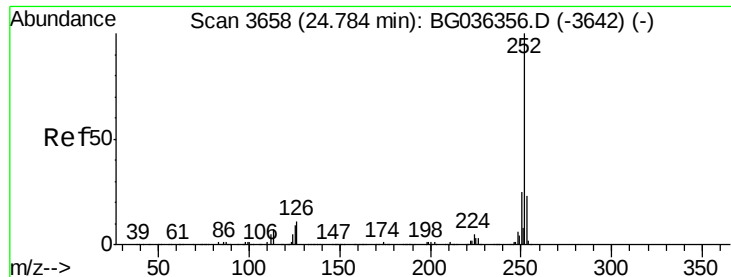
Tgt Ion:252 Resp: 1177892
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 8.3 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 48.351 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion:252 Resp: 1143558
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 8.5 7.0 10.6





#89

Benzo(a)pyrene

Concen: 49.439 ng

RT: 24.74 min Scan# 3651

Delta R.T. -0.02 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleId :

PB112846BS

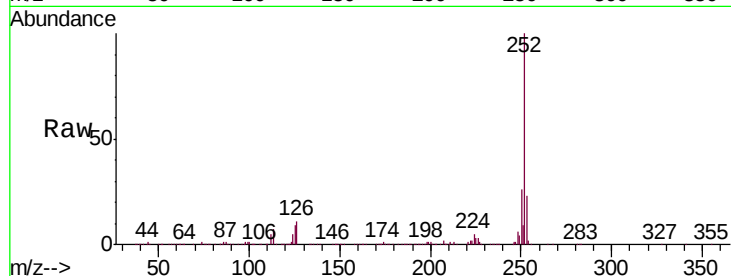
Tgt Ion:252 Resp: 1150101

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

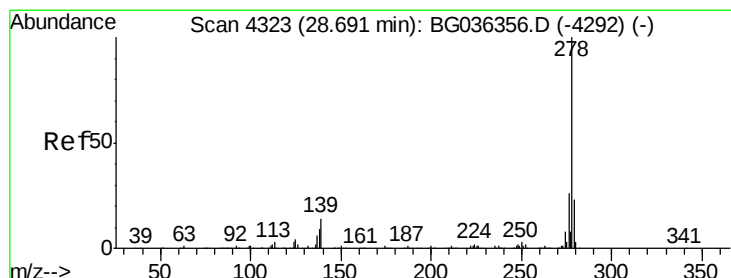
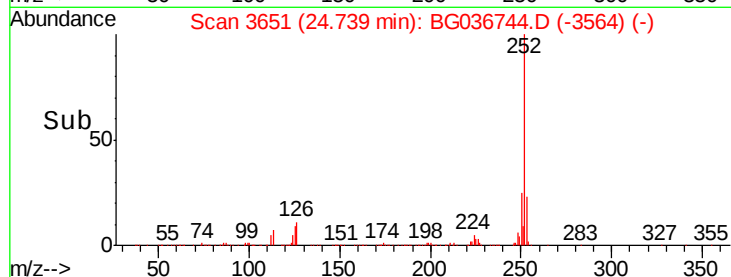
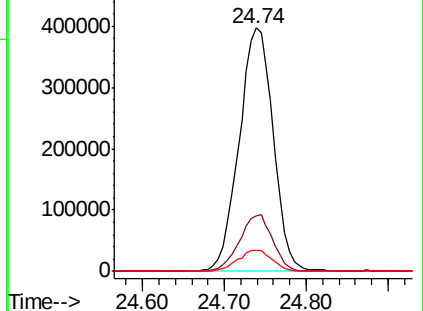
125 8.6 7.3 10.9



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: 49.079 ng

RT: 28.60 min Scan# 4309

Delta R.T. -0.02 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

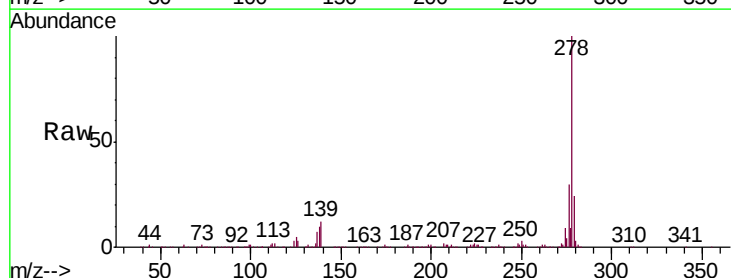
Tgt Ion:278 Resp: 1102213

Ion Ratio Lower Upper

278 100

139 12.2 11.0 16.4

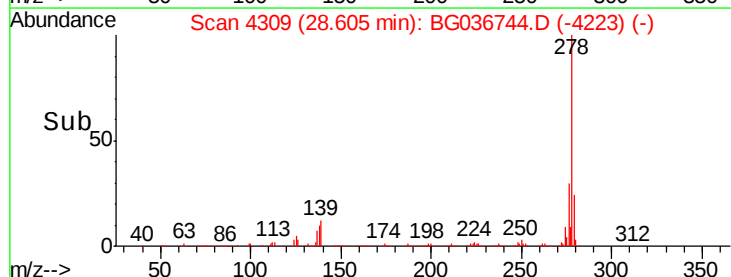
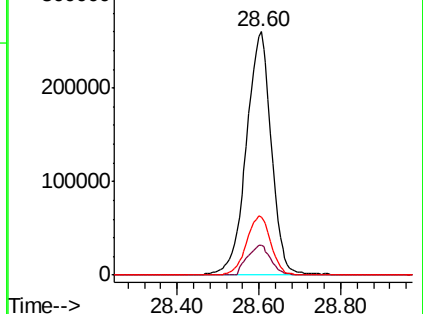
279 23.9 18.7 28.1

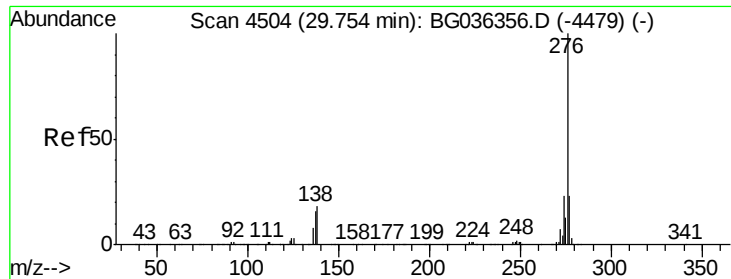


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 50.104 ng

RT: 29.68 min Scan# 4492

Delta R.T. -0.02 min

Lab File: BG036744.D

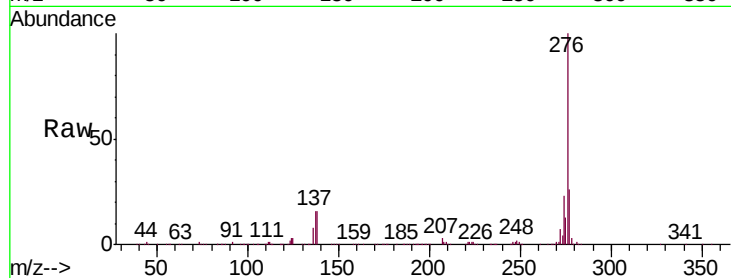
Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleId :

PB112846BS



Tgt Ion: 276 Resp: 1130764

Ion Ratio Lower Upper

276 100

277 26.1 18.4 27.6

138 16.1 14.6 22.0

