

Data File : BG036582.D
Acq On : 6 Sep 2018 23:23
Operator : JU/SJ
Sample : PB112641BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112641BS

Quant Time: Sep 07 04:21:58 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	8.06	152	55842	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	238463	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	168929	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	436398	20.00	ng	0.00
75) Chrysene-d12	21.69	240	435500	20.00	ng	0.00
86) Perylene-d12	24.90	264	466530	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	367713	104.46	ng	0.00
7) Phenol-d6	7.21	99	520868	103.34	ng	0.00
23) Nitrobenzene-d5	9.22	82	465880	106.00	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	243043	120.57	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1098460	92.84	ng	0.00
78) Terphenyl-d14	20.03	244	1731104	92.91	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	51025	31.058 ng	98
3) Pyridine	3.92	79	160109	34.720 ng	98
4) n-Nitrosodimethylamine	3.84	42	85529	41.641 ng	92
6) Aniline	7.38	93	221163	34.570 ng	97
8) 2-Chlorophenol	7.62	128	177077	46.385 ng	99
9) Benzaldehyde	7.19	77	103869	29.927 ng	98
10) Phenol	7.24	94	252854	47.939 ng	99
11) bis(2-Chloroethyl)ether	7.48	93	168806	40.369 ng	98
12) 1,3-Dichlorobenzene	7.95	146	176411	40.470 ng	98
13) 1,4-Dichlorobenzene	8.09	146	178181	40.486 ng	98
14) 1,2-Dichlorobenzene	8.41	146	172748	41.100 ng	95
15) Benzyl Alcohol	8.29	79	181215	44.600 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	317201	37.615 ng	98
17) 2-Methylphenol	8.49	107	170059	48.557 ng	96
18) Hexachloroethane	9.15	117	64084	40.613 ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	149006	39.557 ng	92
20) 3+4-Methylphenols	8.82	107	234980	48.057 ng	99
22) Acetophenone	8.88	105	273264	43.639 ng	# 99
24) Nitrobenzene	9.26	77	220521	46.530 ng	97
25) Isophorone	9.78	82	417716	47.843 ng	98
26) 2-Nitrophenol	9.97	139	99219	52.831 ng	94
27) 2,4-Dimethylphenol	10.03	122	187904	54.042 ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	245334	45.784 ng	98
29) 2,4-Dichlorophenol	10.50	162	203517	53.408 ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	197930	44.401 ng	99
31) Naphthalene	10.91	128	566245	47.502 ng	99
32) Benzoic acid	10.16	122	125124	48.489 ng	96
33) 4-Chloroaniline	11.01	127	136088	24.913 ng	97
34) Hexachlorobutadiene	11.20	225	131525	43.913 ng	99
35) Caprolactam	11.80	113	54755	36.070 ng	99
36) 4-Chloro-3-methylphenol	12.13	107	231672	52.323 ng	98
37) 2-Methylnaphthalene	12.51	142	452686	51.900 ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	260638	43.598 ng	99
40) Hexachlorocyclopentadiene	12.86	237	314147	100.997 ng	99

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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	181982	49.973	ng	97
43) 2,4,5-Trichlorophenol	13.19	196	202948	52.250	ng	98
45) 1,1'-Biphenyl	13.52	154	591290	42.167	ng	99
46) 2-Chloronaphthalene	13.56	162	461294	43.092	ng	99
47) 2-Nitroaniline	13.76	65	169255	50.350	ng	95
48) Acenaphthylene	14.40	152	800872	47.870	ng	100
49) Dimethylphthalate	14.13	163	649431	47.081	ng	99
50) 2,6-Dinitrotoluene	14.25	165	143403	50.522	ng	97
51) Acenaphthene	14.74	154	470898	43.949	ng	99
52) 3-Nitroaniline	14.58	138	112921	36.917	ng	99
53) 2,4-Dinitrophenol	14.79	184	127193	118.305	ng	97
54) Dibenzofuran	15.08	168	768635	45.789	ng	100
55) 4-Nitrophenol	14.89	139	239146	95.622	ng	98
56) 2,4-Dinitrotoluene	15.04	165	210794	56.982	ng	91
57) Fluorene	15.73	166	624946	49.801	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	206262	56.520	ng	97
59) Diethylphthalate	15.50	149	643466	46.288	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	358600	46.278	ng	97
61) 4-Nitroaniline	15.75	138	159570	49.853	ng	94
62) Azobenzene	16.01	77	633233	44.769	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	107163	55.901	ng	94
65) n-Nitrosodiphenylamine	15.93	169	575398	44.374	ng	97
66) 4-Bromophenyl-phenylether	16.61	248	240993	47.167	ng	98
67) Hexachlorobenzene	16.73	284	244054	46.714	ng	97
68) Atrazine	16.88	200	248047	50.964	ng	98
69) Pentachlorophenol	17.07	266	303403	85.448	ng	96
70) Phenanthrene	17.47	178	1058490	47.734	ng	98
71) Anthracene	17.56	178	1073272	48.555	ng	98
72) Carbazole	17.82	167	949028	42.991	ng	100
73) Di-n-butylphthalate	18.38	149	1087813	44.252	ng	99
74) Fluoranthene	19.47	202	1286661	47.591	ng	99
76) Benzidine	19.65	184	556597	40.059	ng	99
77) Pyrene	19.83	202	1265788	47.265	ng	97
79) Butylbenzylphthalate	20.72	149	507054	47.575	ng	95
80) Benzo(a)anthracene	21.67	228	1278503	48.459	ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	334474	31.810	ng	98
82) Chrysene	21.74	228	1187186	47.473	ng	97
83) Bis(2-ethylhexyl)phthalate	21.58	149	687152	46.074	ng	99
84) Di-n-octyl phthalate	22.79	149	1174521	47.148	ng	97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1450599	49.941	ng	# 95
87) Benzo(b)fluoranthene	23.89	252	1297121	50.069	ng	97
88) Benzo(k)fluoranthene	23.95	252	1239167	48.961	ng	99
89) Benzo(a)pyrene	24.75	252	1258310	50.546	ng	100
90) Dibenzo(a,h)anthracene	28.62	278	1175662	48.919	ng	98
91) Benzo(g,h,i)perylene	29.70	276	1187403	49.166	ng	96

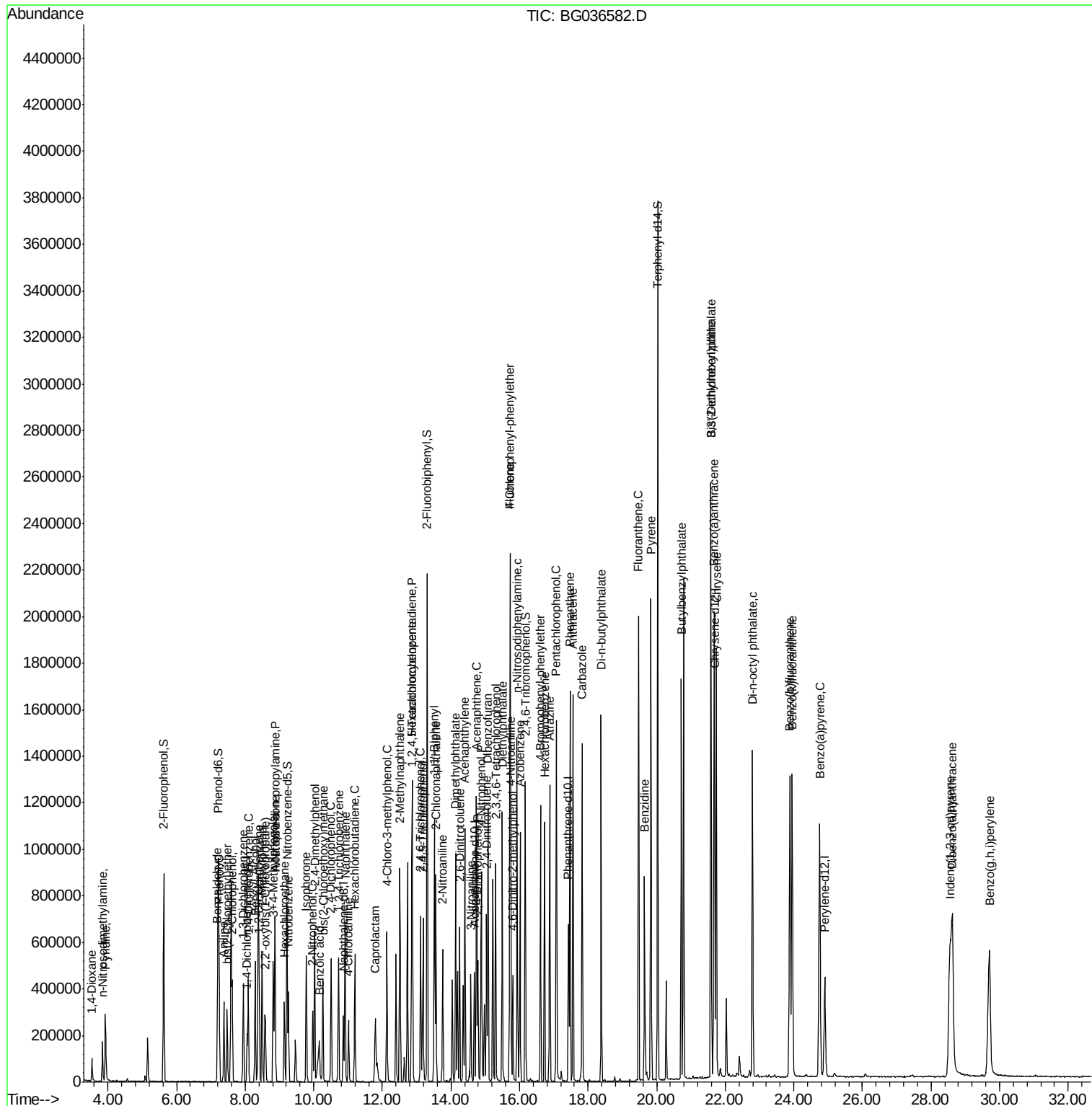
(#) = qualifier out of range (m) = manual integration (+) = signals summed

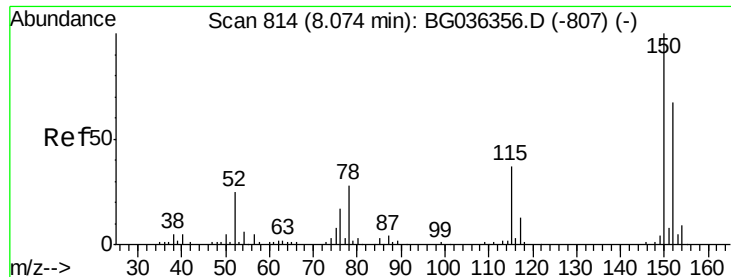
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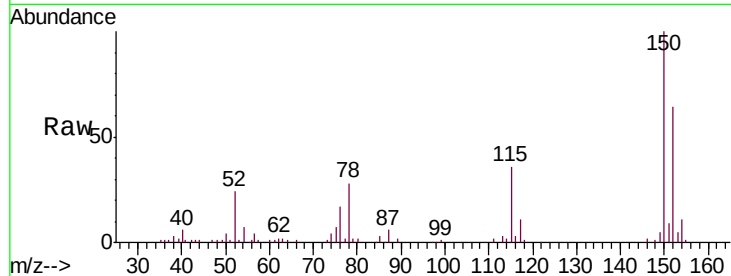


#1

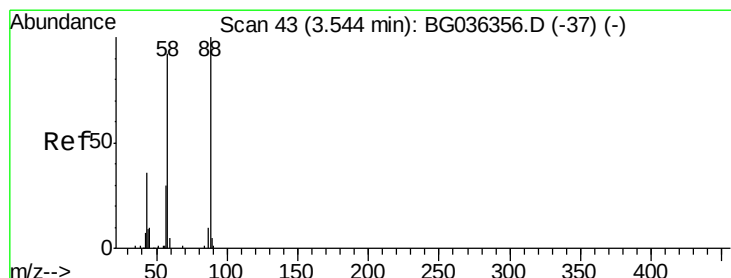
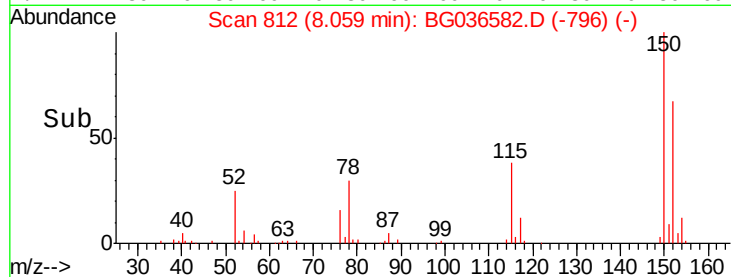
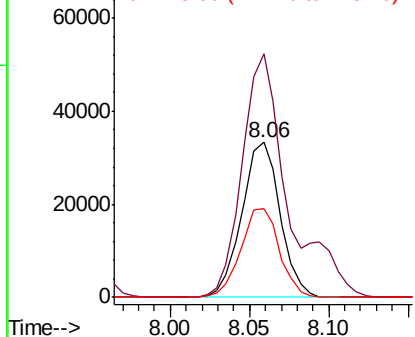
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Instrument :
BNA_G
ClientSampleId :
PB112641BS

Tgt Ion:152 Resp: 55842
Ion Ratio Lower Upper
152 100
150 157.2 119.5 179.3
115 57.1 44.5 66.7



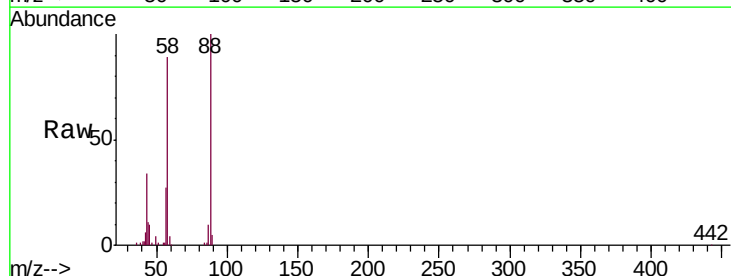
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



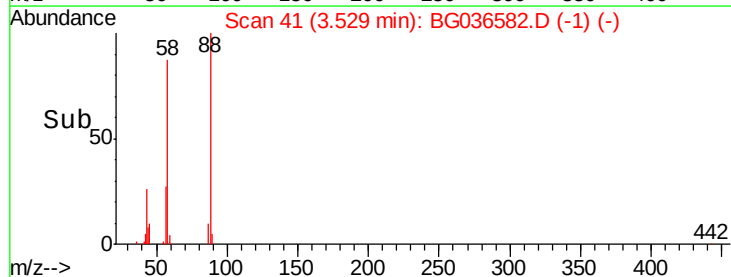
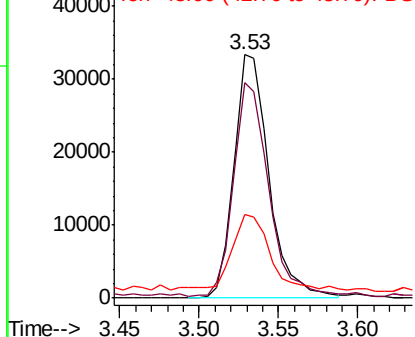
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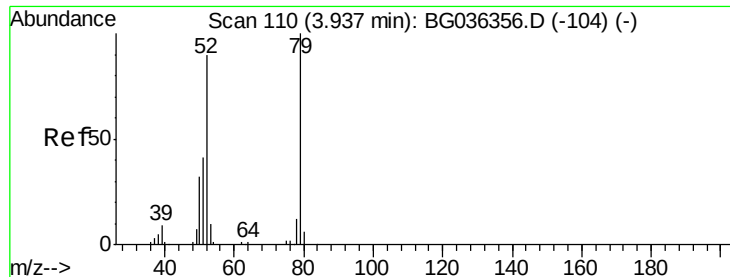
1,4-Dioxane
Concen: 31.058 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion: 88 Resp: 51025
Ion Ratio Lower Upper
88 100
58 88.1 72.6 109.0
43 36.6 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: 34.720 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Instrument :

BNA_G

ClientSampleId :

PB112641BS

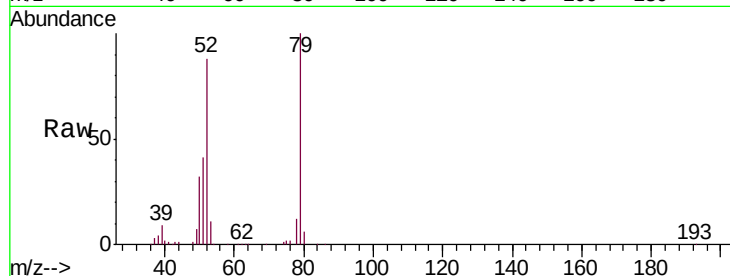
Tgt Ion: 79 Resp: 160109

Ion Ratio Lower Upper

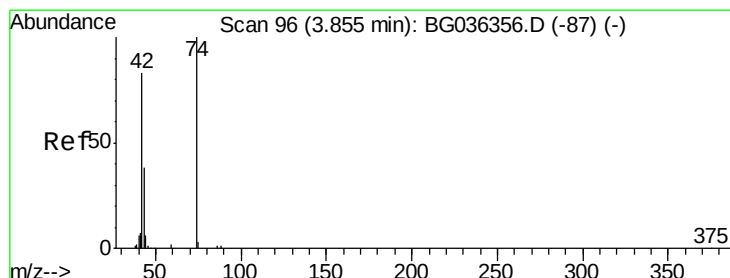
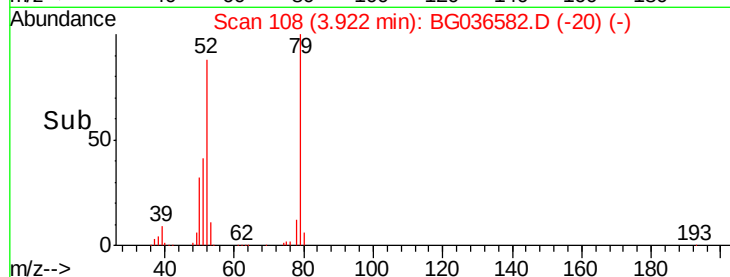
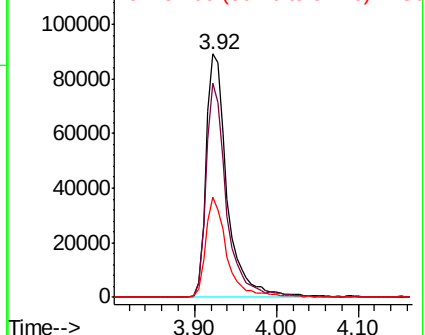
79 100

52 87.8 72.3 108.5

51 41.4 33.8 50.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.641 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

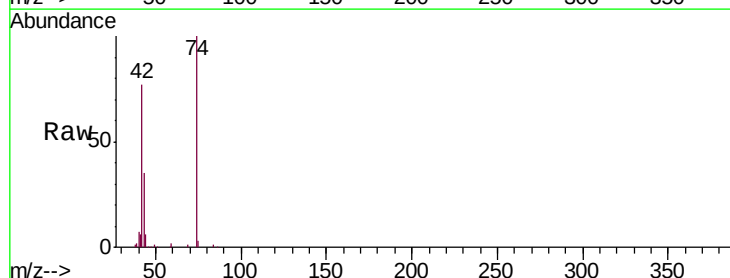
Tgt Ion: 42 Resp: 85529

Ion Ratio Lower Upper

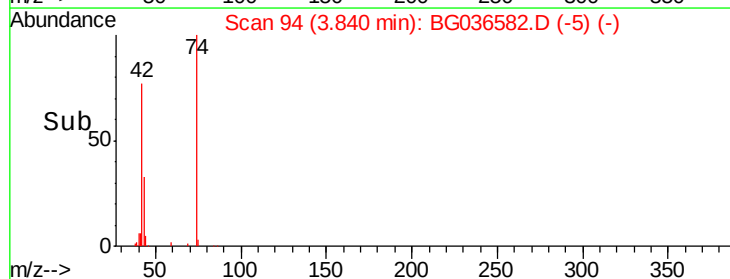
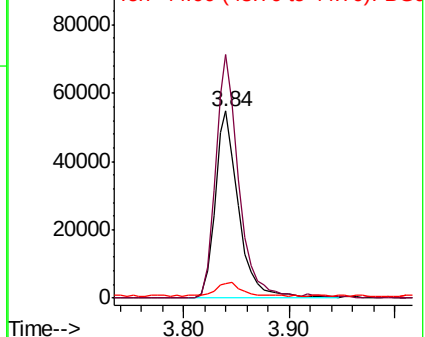
42 100

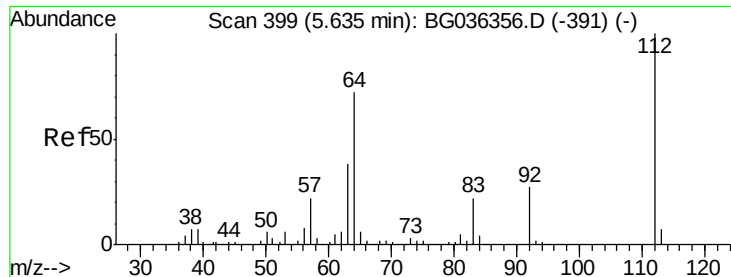
74 130.2 96.6 145.0

44 7.8 7.0 10.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 104.456 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036582.D

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ClientSampleId :

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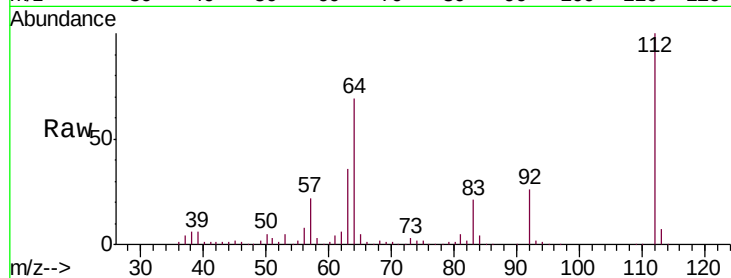
Tgt Ion: 112 Resp: 367713

Ion Ratio Lower Upper

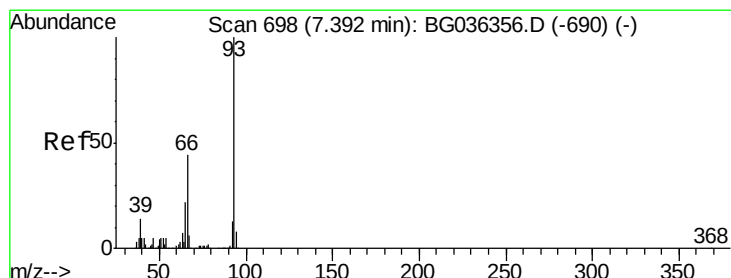
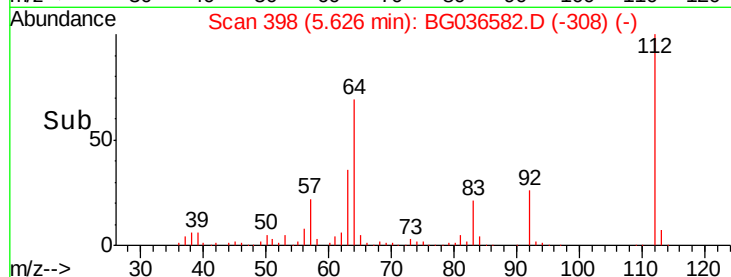
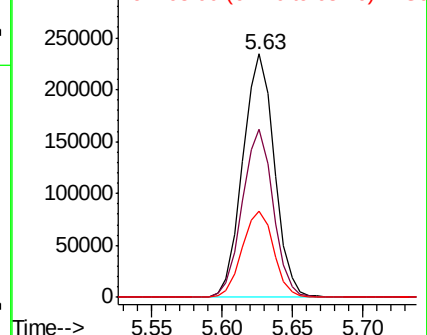
112 100

64 69.0 57.2 85.8

63 35.6 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: 34.570 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

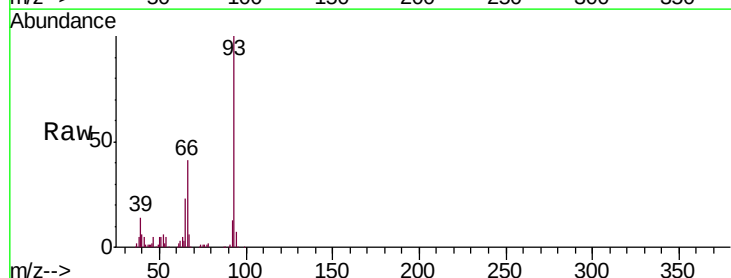
Tgt Ion: 93 Resp: 221163

Ion Ratio Lower Upper

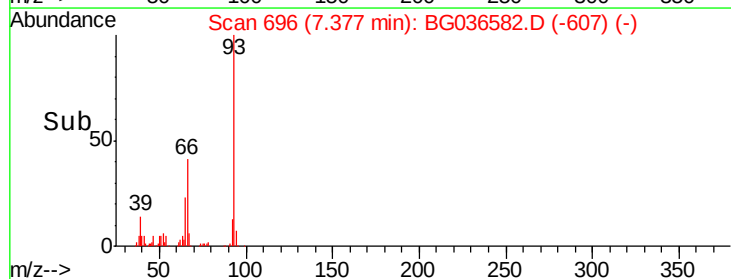
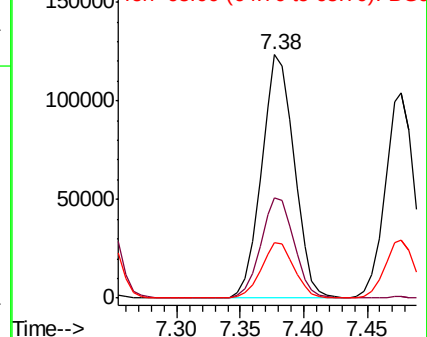
93 100

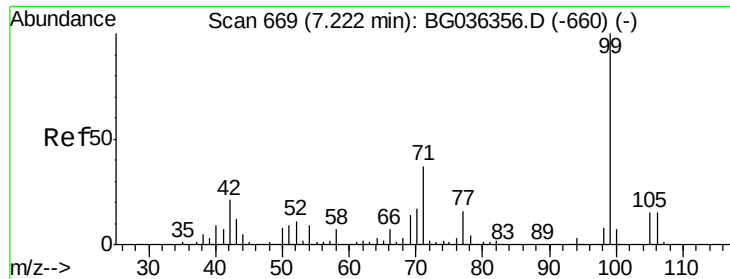
66 41.4 35.0 52.4

65 22.6 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: 103.343 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

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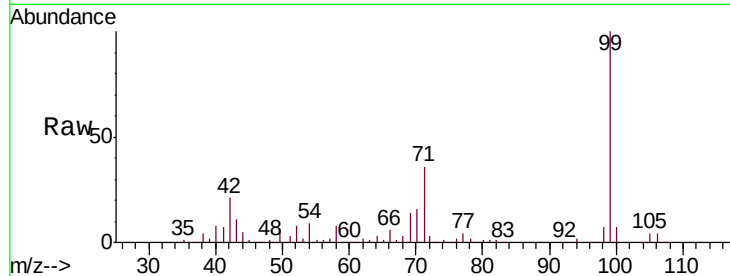
Tgt Ion: 99 Resp: 520868

Ion Ratio Lower Upper

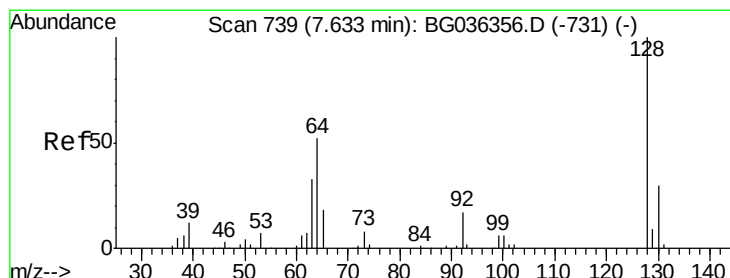
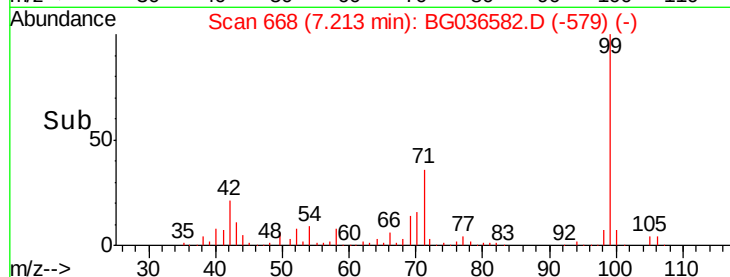
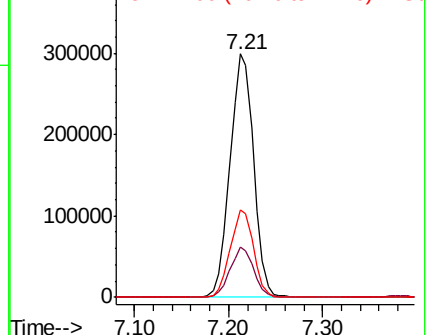
99 100

42 20.6 16.5 24.7

71 35.8 29.4 44.2



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



#8

2-Chlorophenol

Concen: 46.385 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

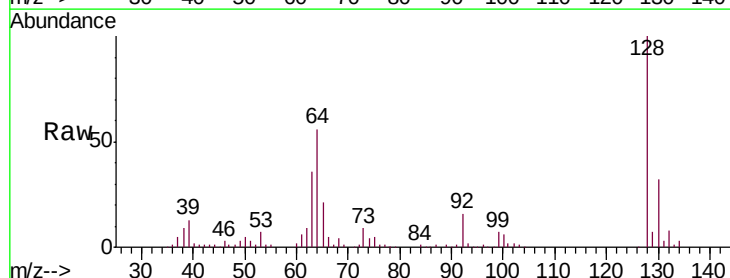
Tgt Ion: 128 Resp: 177077

Ion Ratio Lower Upper

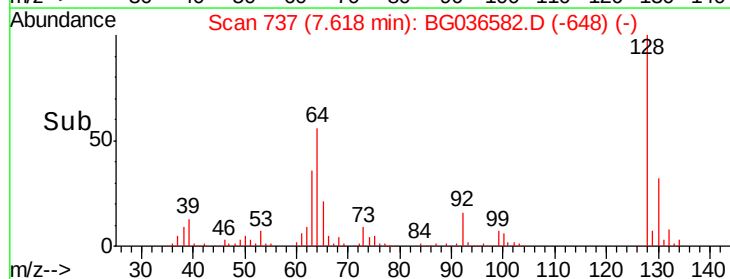
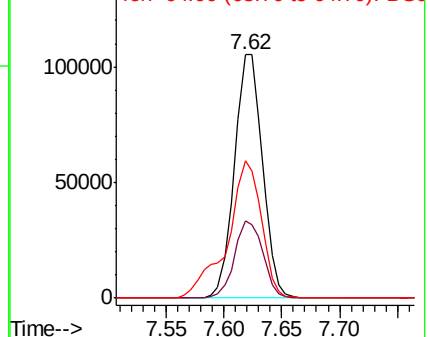
128 100

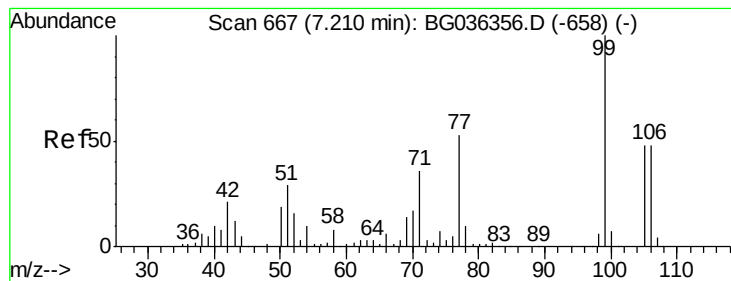
130 32.0 10.0 50.0

64 56.2 36.0 76.0



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





#9

Benzaldehyde

Concen: 29.927 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Instrument :

BNA_G

ClientSampleId :

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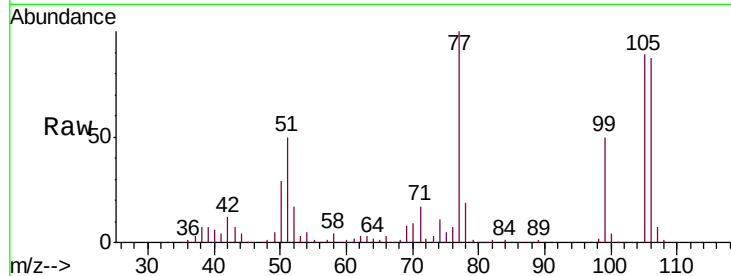
Tgt Ion: 77 Resp: 103869

Ion Ratio Lower Upper

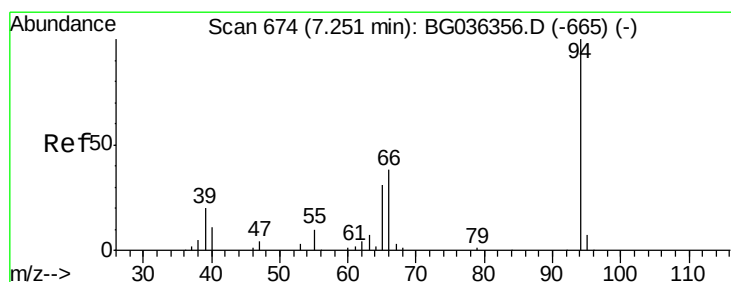
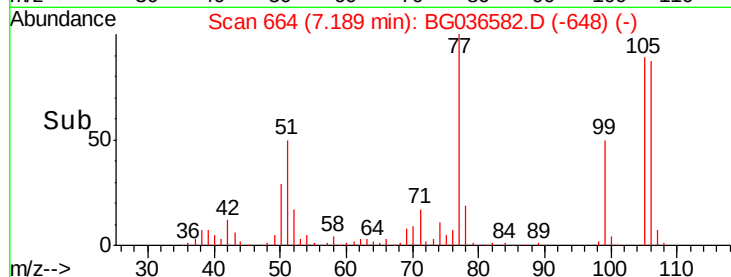
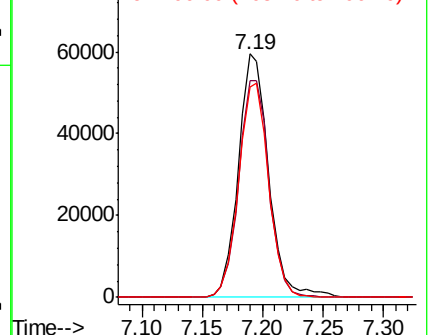
77 100

105 89.2 70.5 110.5

106 86.6 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: 47.939 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

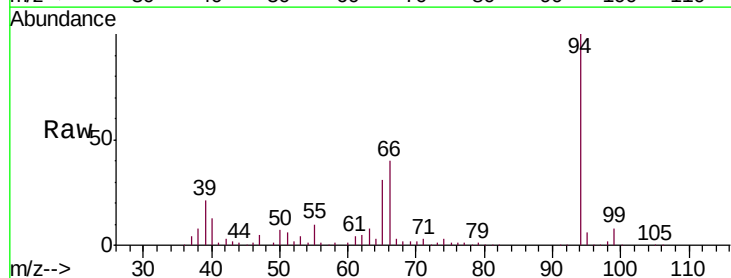
Tgt Ion: 94 Resp: 252854

Ion Ratio Lower Upper

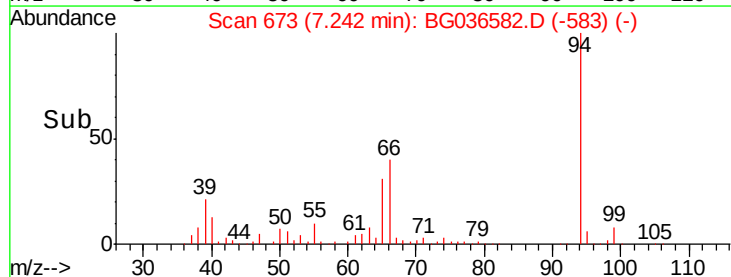
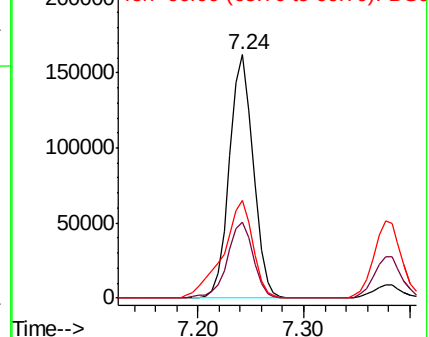
94 100

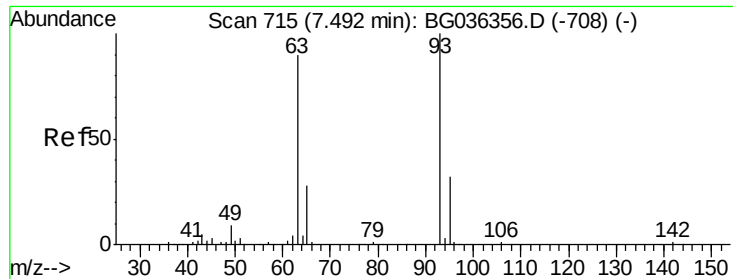
65 31.4 11.5 51.5

66 40.1 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

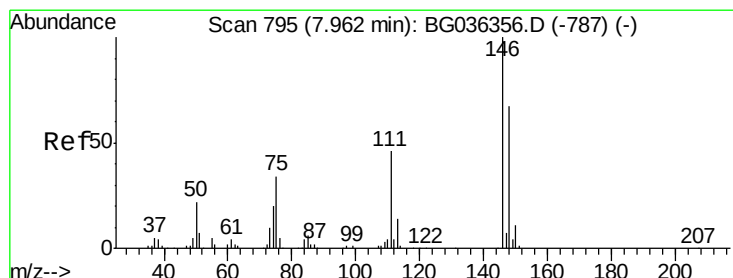
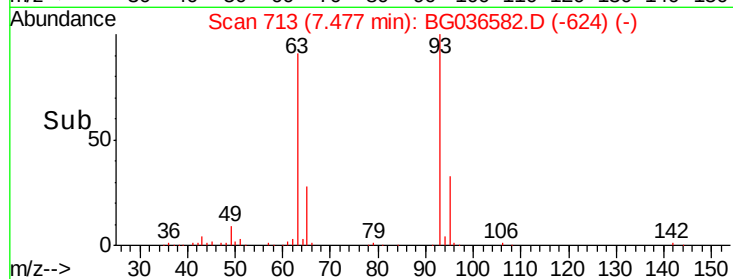
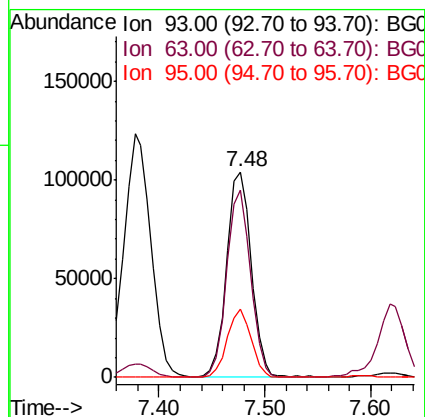
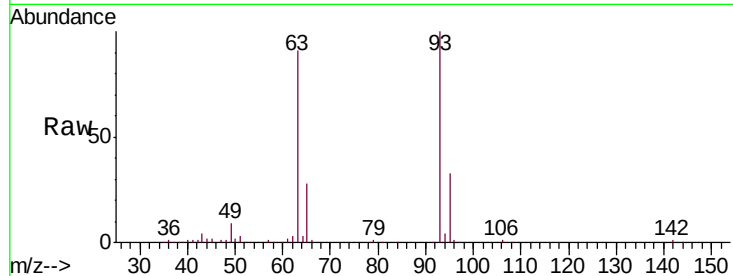




#11
 bis(2-Chloroethyl)ether
 Concen: 40.369 ng
 RT: 7.48 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

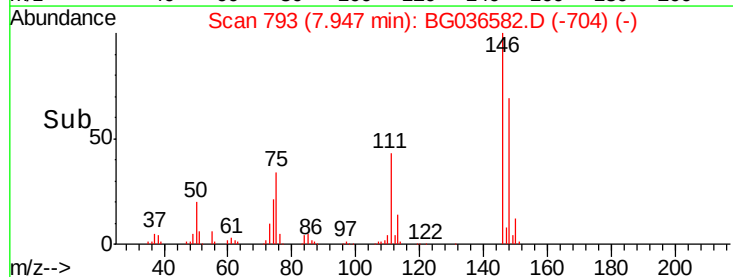
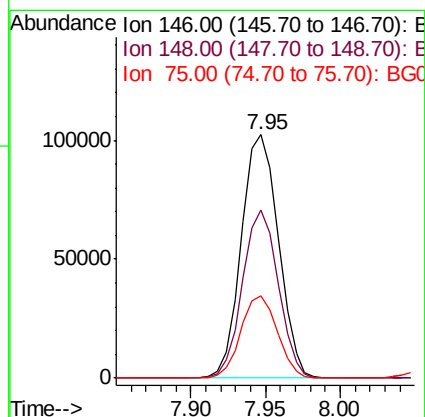
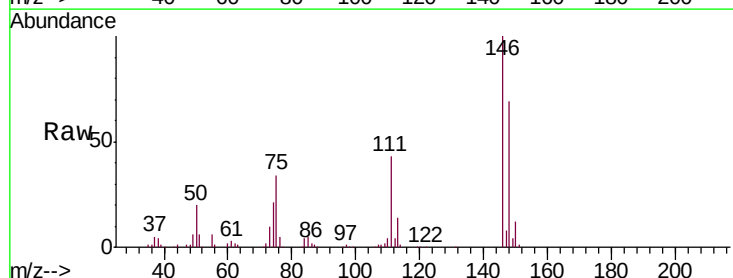
Instrument :
 BNA_G
 ClientSampleId :
 PB112641BS

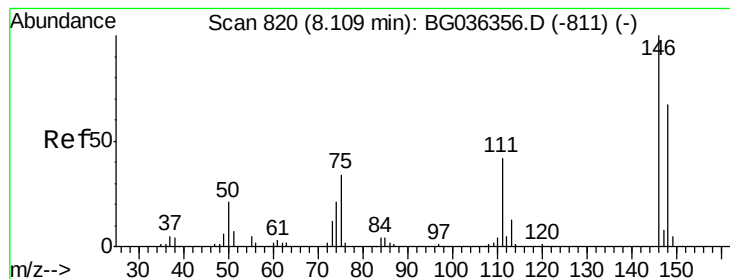
Tgt Ion: 93 Resp: 168806
 Ion Ratio Lower Upper
 93 100
 63 91.1 69.9 109.9
 95 33.1 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 40.470 ng
 RT: 7.95 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Tgt Ion: 146 Resp: 176411
 Ion Ratio Lower Upper
 146 100
 148 69.1 53.8 80.6
 75 34.0 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 40.486 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Instrument :

BNA_G

ClientSampleId :

PB112641BS

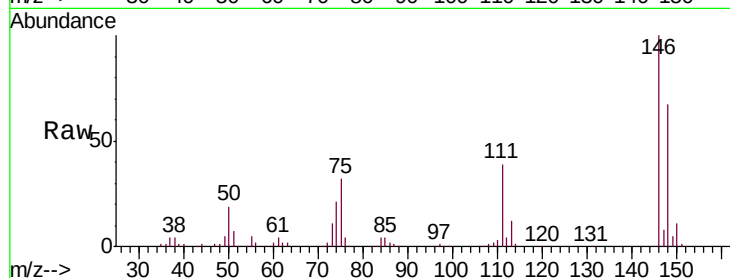
Tgt Ion:146 Resp: 178181

Ion Ratio Lower Upper

146 100

148 66.7 53.9 80.9

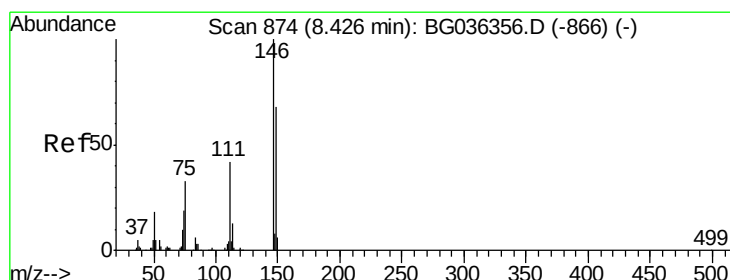
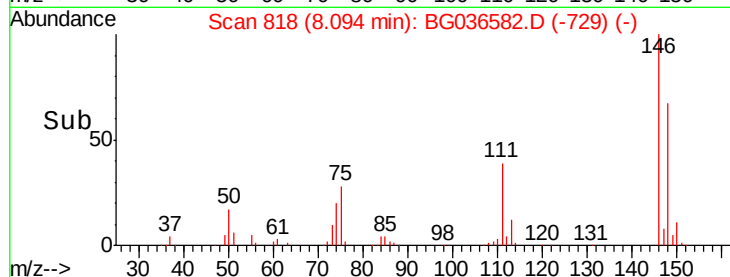
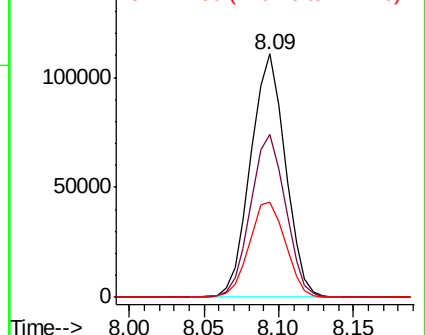
111 39.2 33.8 50.6



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: 41.100 ng

RT: 8.41 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

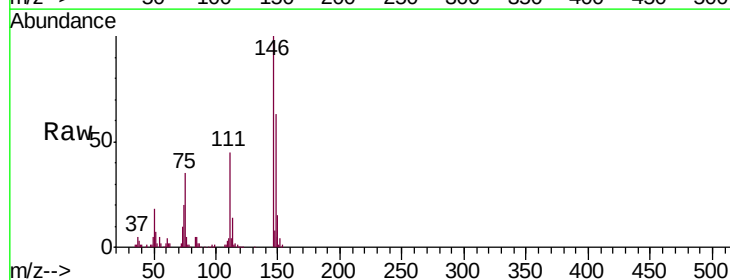
Tgt Ion:146 Resp: 172748

Ion Ratio Lower Upper

146 100

148 63.3 55.0 82.6

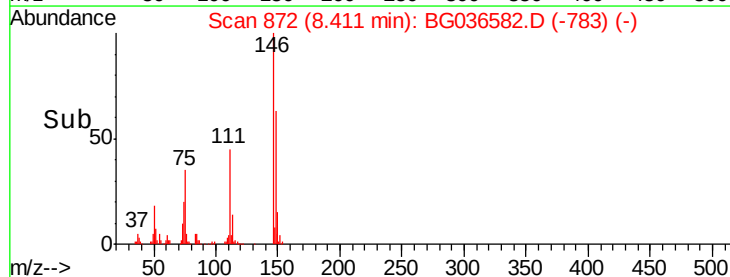
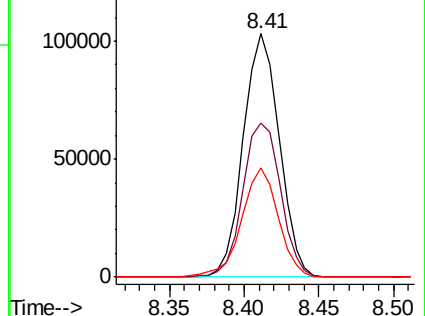
111 44.8 34.6 51.8

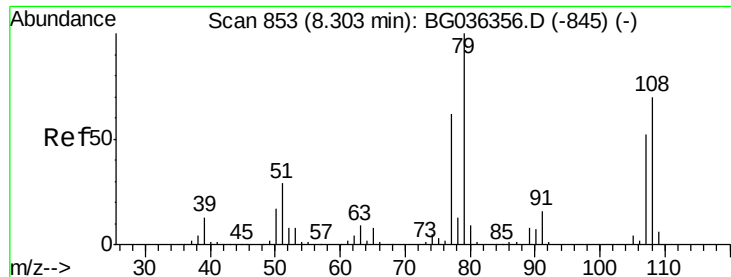


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.600 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Instrument :

BNA_G

ClientSampleId :

PB112641BS

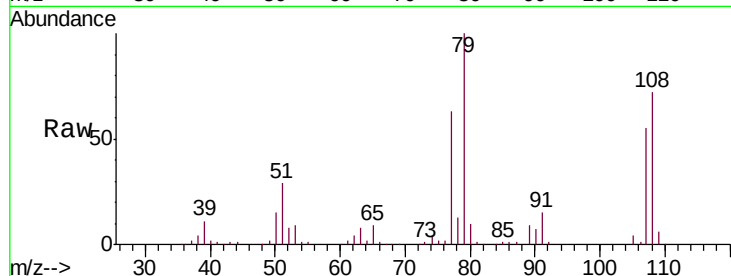
Tgt Ion: 79 Resp: 181215

Ion Ratio Lower Upper

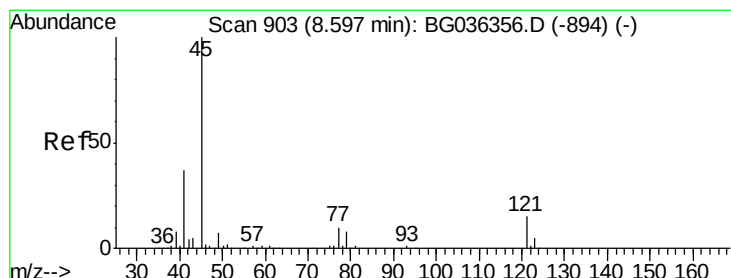
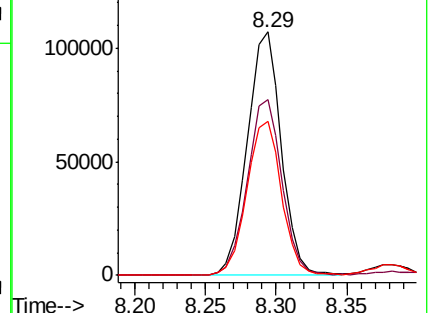
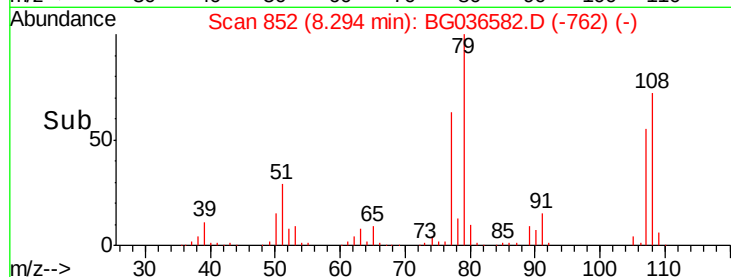
79 100

108 72.4 55.9 83.9

77 63.4 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.615 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

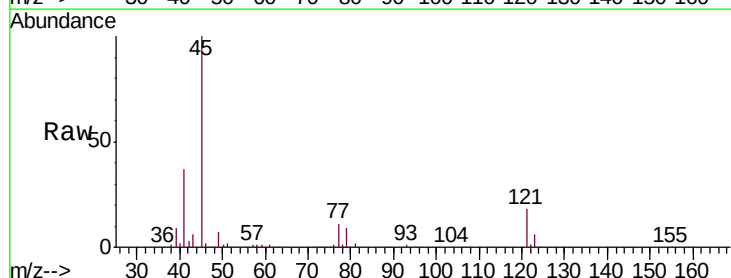
Tgt Ion: 45 Resp: 317201

Ion Ratio Lower Upper

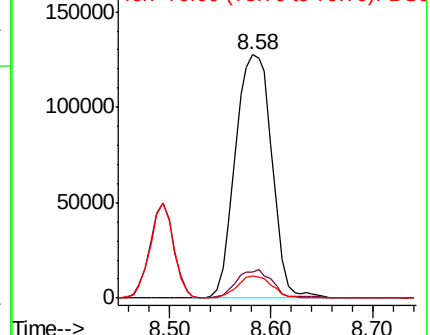
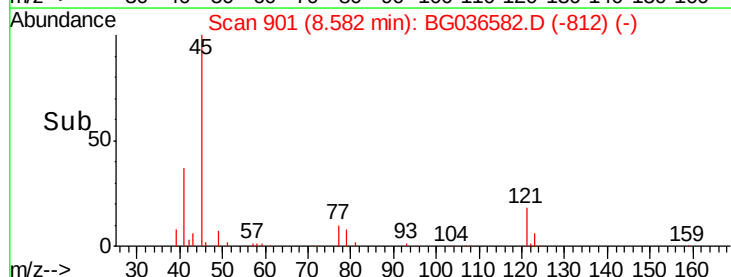
45 100

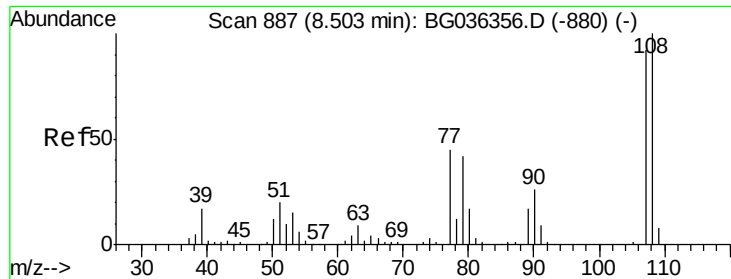
77 10.7 0.0 30.5

79 8.9 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

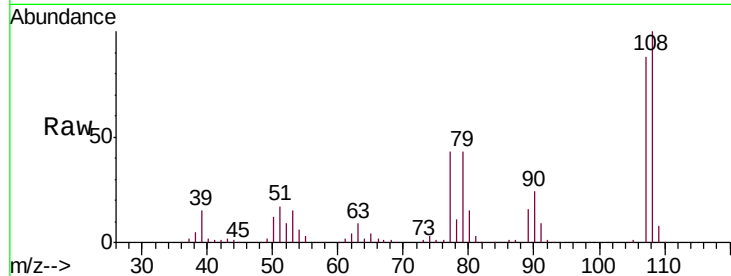




#17
2-Methylphenol
Concen: 48.557 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Instrument :
BNA_G
ClientSampleId :
PB112641BS

Tgt Ion:	107	Resp:	170059
Ion	Ratio	Lower	Upper
107	100		
108	114.0	86.7	130.1
77	49.3	39.0	58.4
79	49.1	36.6	54.8



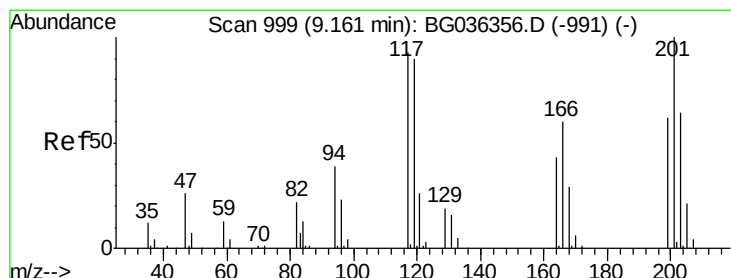
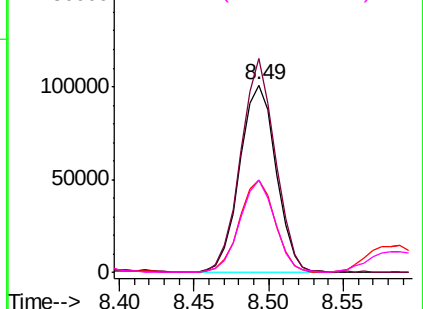
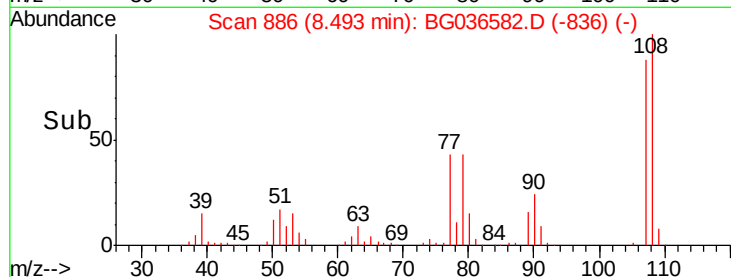
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

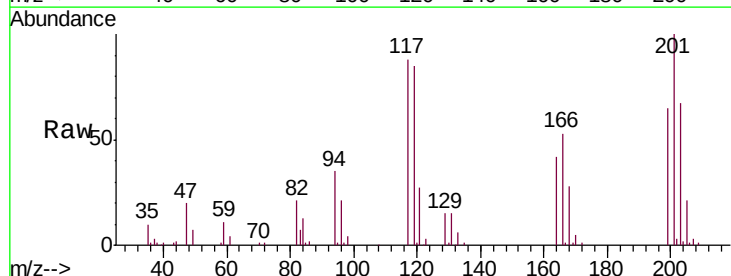
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.613 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion:	117	Resp:	64084
Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.8	115.2
201	113.9	85.7	128.5

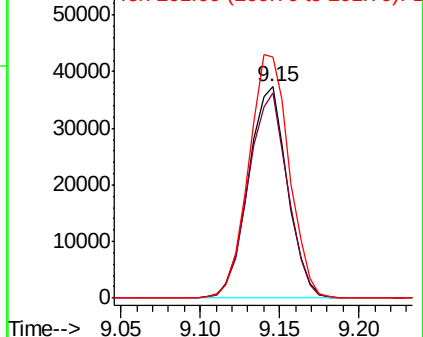
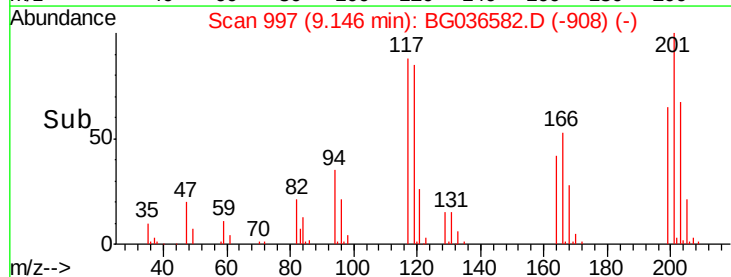


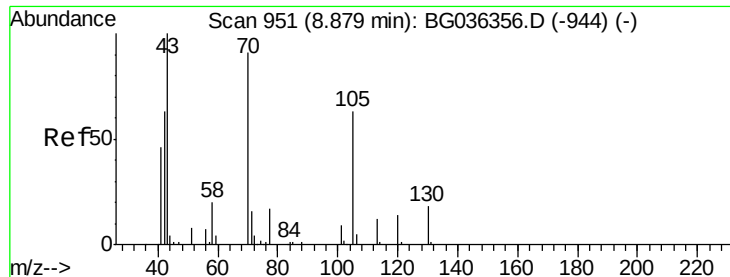
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

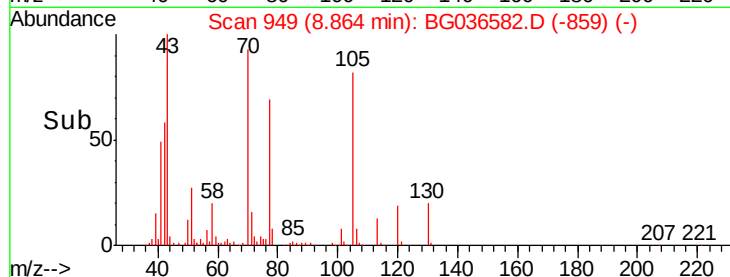
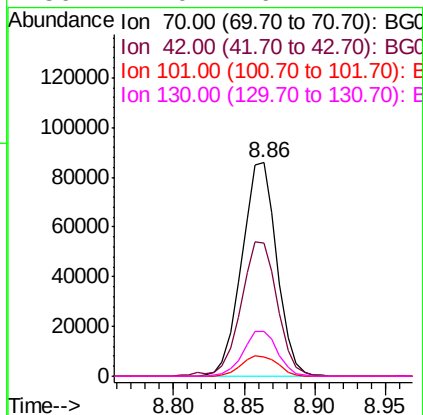
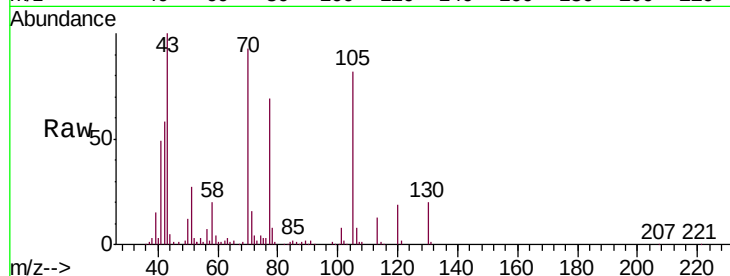




#19
n-Nitroso-di-n-propylamine
Concen: 39.557 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

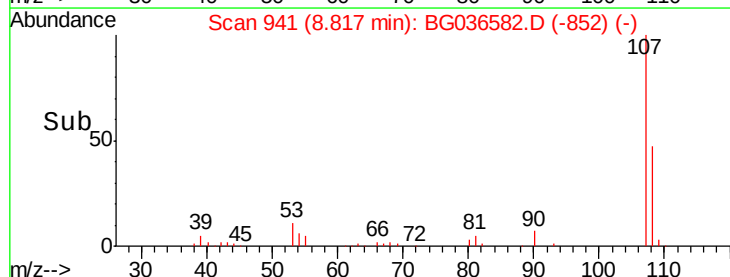
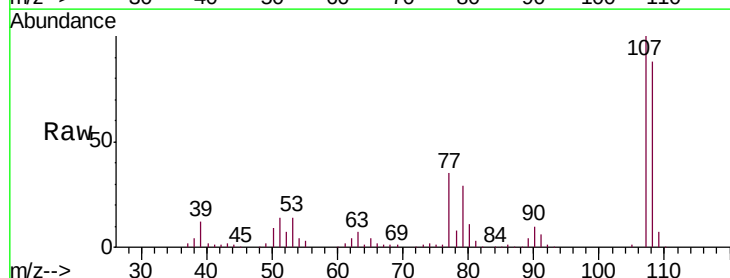
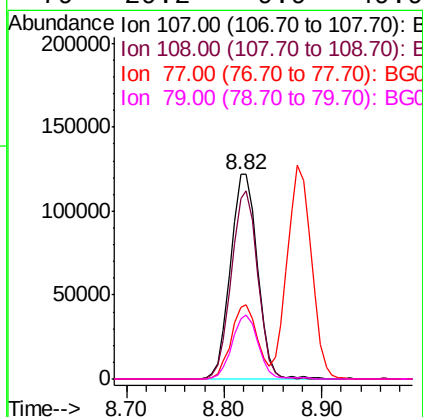
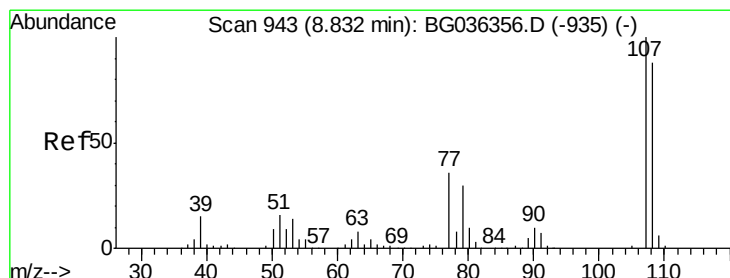
Instrument :
BNA_G
ClientSampleId :
PB112641BS

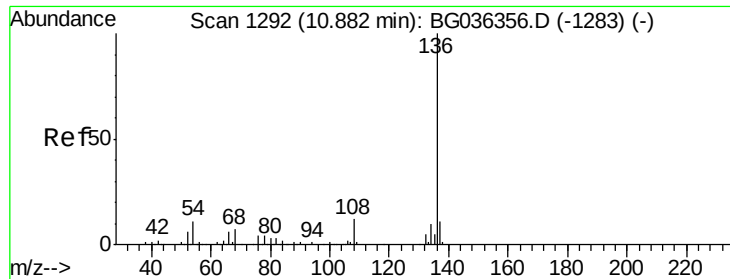
Tgt Ion:	70	Resp:	149006
Ion	Ratio	Lower	Upper
70	100		
42	62.1	56.2	84.4
101	9.0	7.8	11.6
130	21.0	16.2	24.2



#20
3+4-Methylphenols
Concen: 48.057 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion:	107	Resp:	234980
Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.0	108.0
77	35.1	15.6	55.6
79	29.2	9.9	49.9

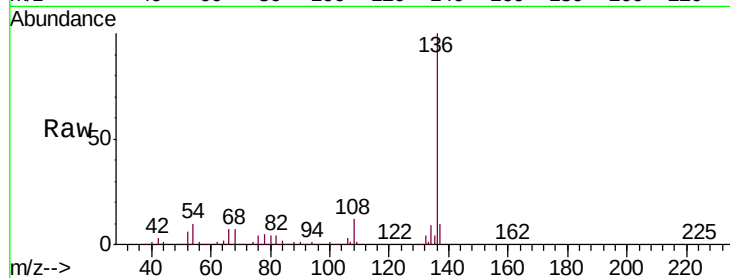




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Instrument :
BNA_G
ClientSampleId :
PB112641BS

Tgt Ion:	136	Resp:	238463
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.2	9.2	13.8
68	6.6	5.8	8.6



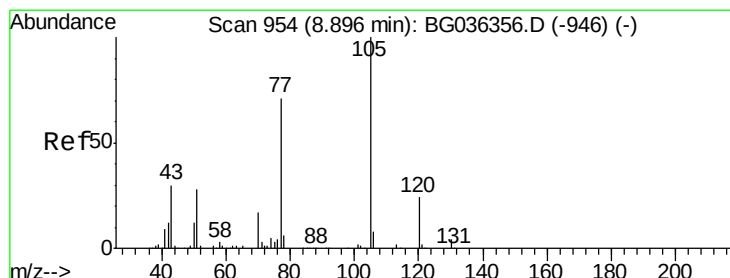
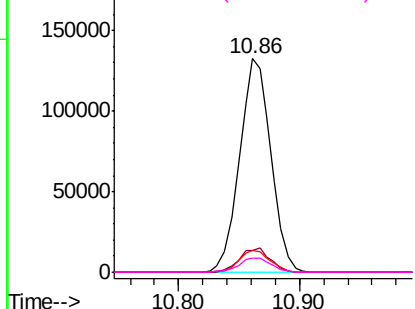
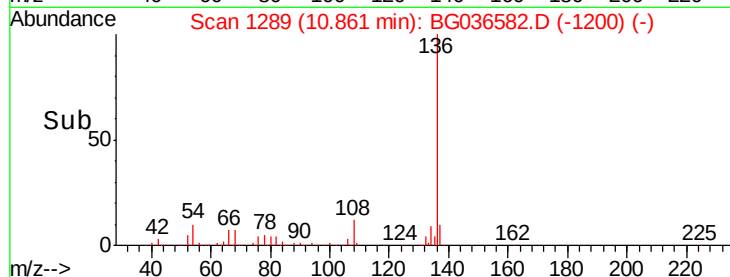
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

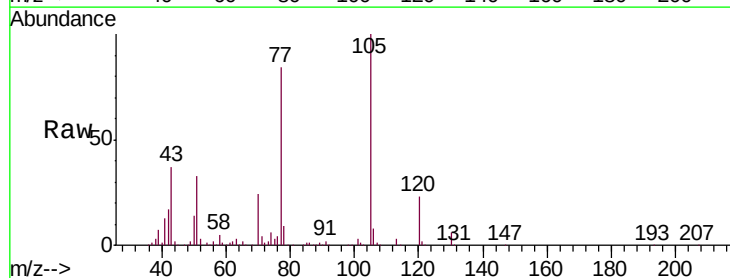
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.639 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion:	105	Resp:	273264
Ion	Ratio	Lower	Upper
105	100		
71	4.1	2.4	3.6#
51	32.6	25.9	38.9
120	23.0	19.4	29.0



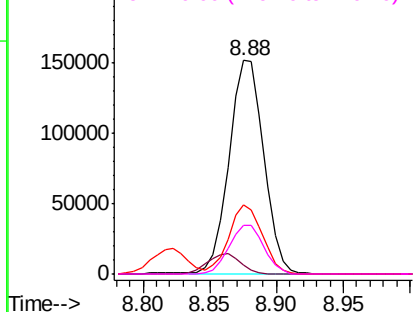
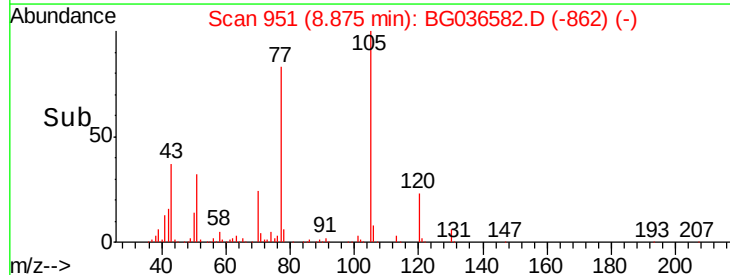
Abundance

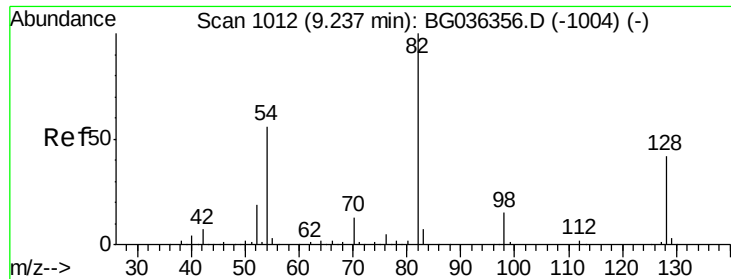
Ion 105.00 (104.70 to 105.70): E

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

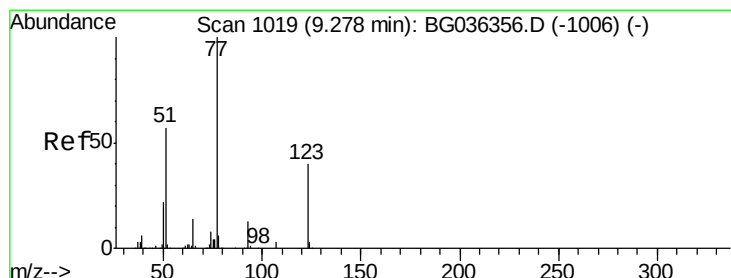
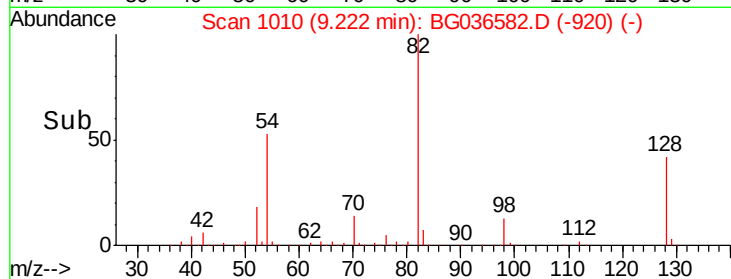
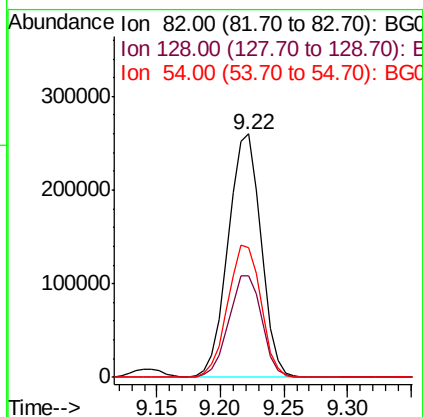
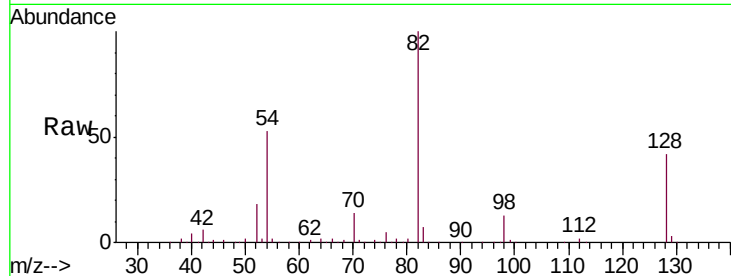




#23
 Nitrobenzene-d5
 Concen: 106.000 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

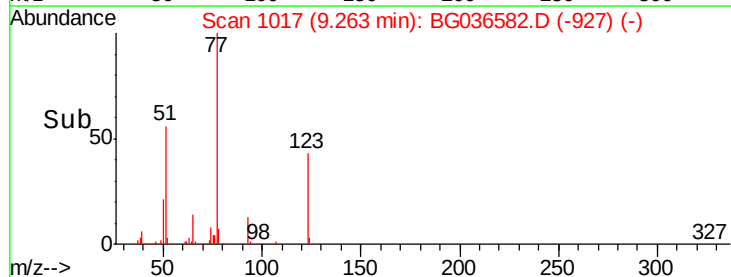
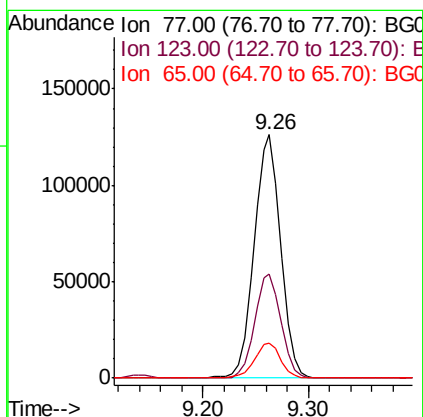
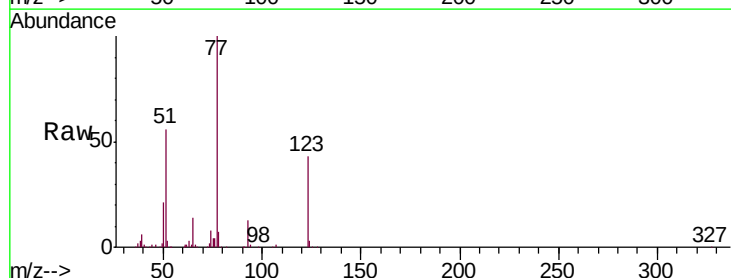
Instrument :
 BNA_G
 ClientSampleId :
 PB112641BS

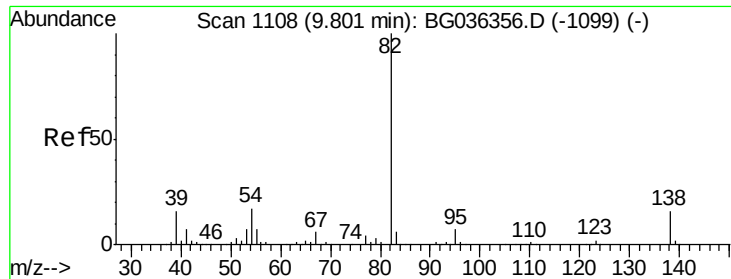
Tgt Ion: 82 Resp: 465880
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.3 49.9
 54 53.2 45.1 67.7



#24
 Nitrobenzene
 Concen: 46.530 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Tgt Ion: 77 Resp: 220521
 Ion Ratio Lower Upper
 77 100
 123 42.9 32.4 48.6
 65 14.4 11.5 17.3

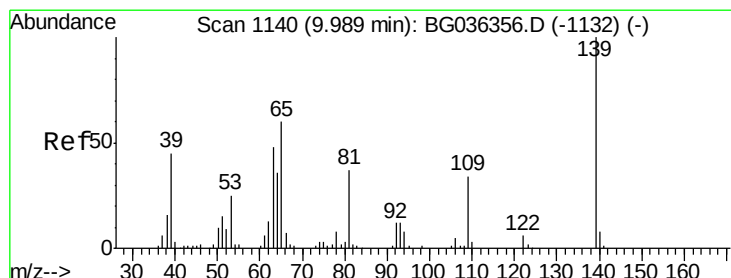
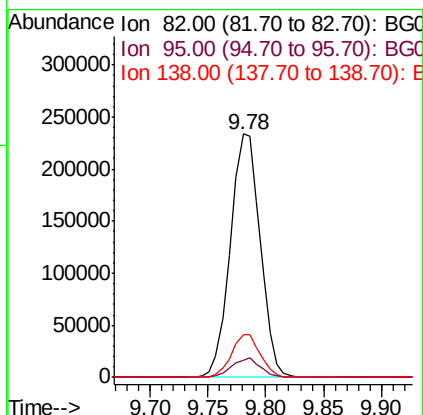
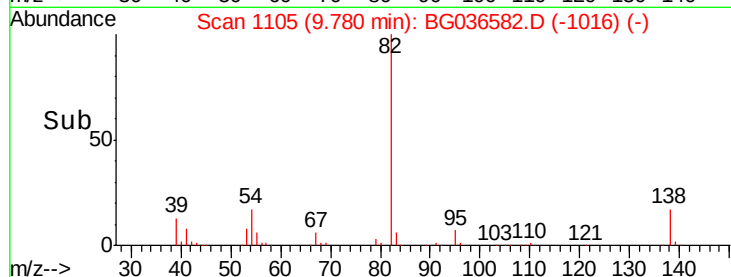
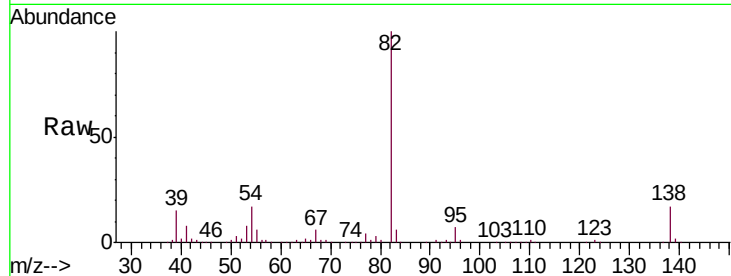




#25
Isophorone
Concen: 47.843 ng
RT: 9.78 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

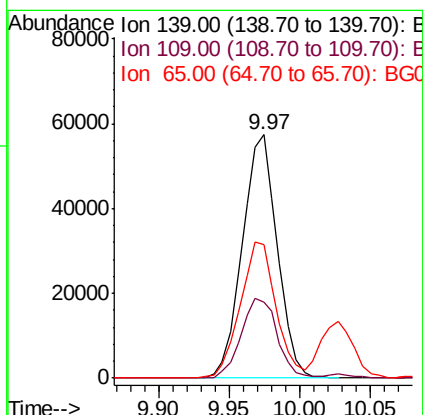
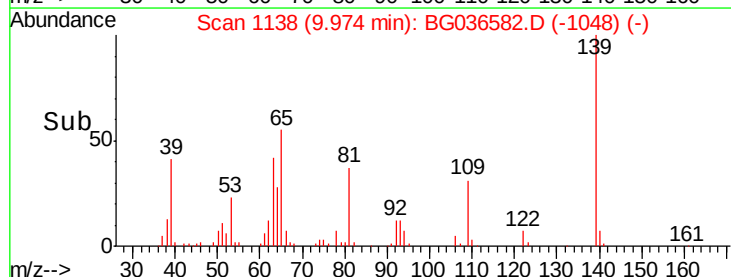
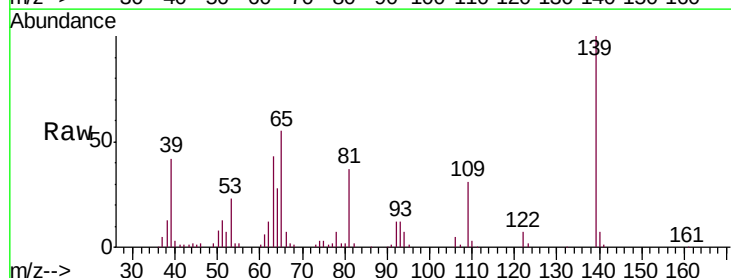
Instrument :
BNA_G
ClientSampleId :
PB112641BS

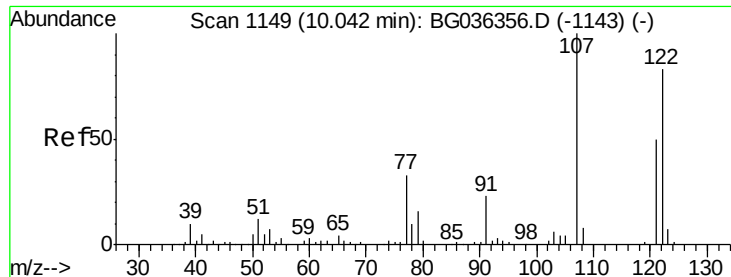
Tgt Ion: 82 Resp: 417716
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.3 12.9 19.3



#26
2-Nitrophenol
Concen: 52.831 ng
RT: 9.97 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion: 139 Resp: 99219
Ion Ratio Lower Upper
139 100
109 31.2 27.4 41.0
65 55.1 47.8 71.6

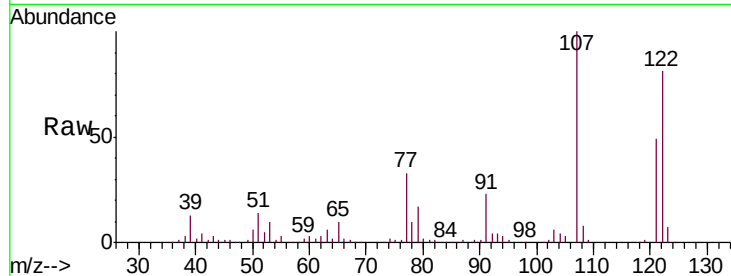




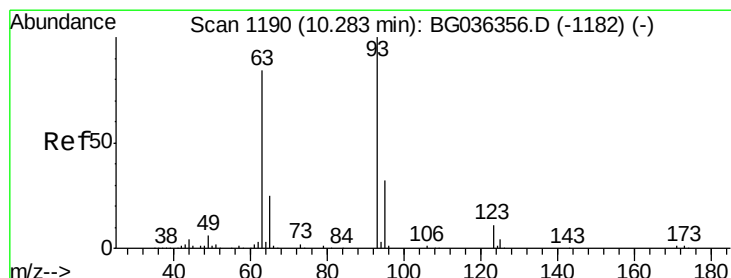
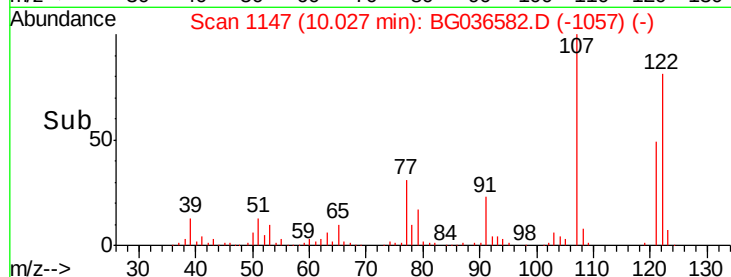
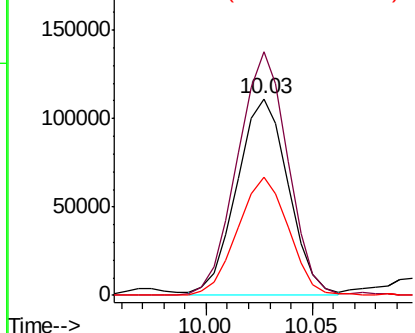
#27
2,4-Dimethylphenol
Concen: 54.042 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Instrument :
BNA_G
ClientSampleId :
PB112641BS

Tgt Ion:122 Resp: 187904
Ion Ratio Lower Upper
122 100
107 123.7 96.0 144.0
121 60.2 48.2 72.4

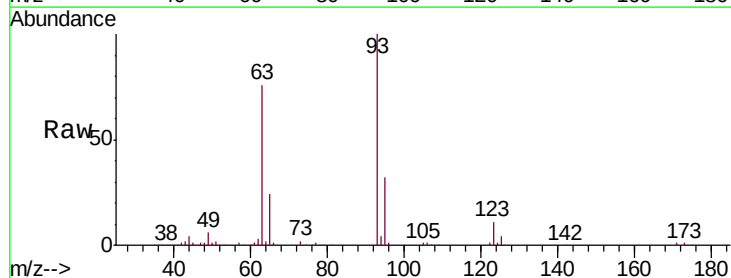


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

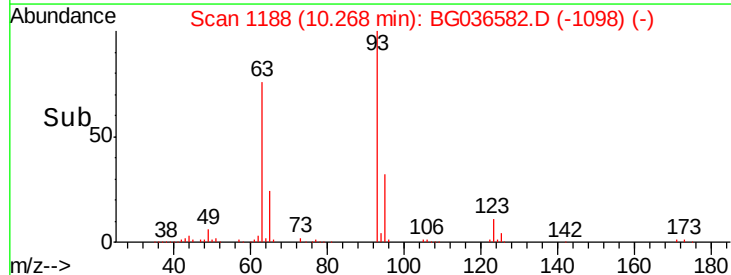
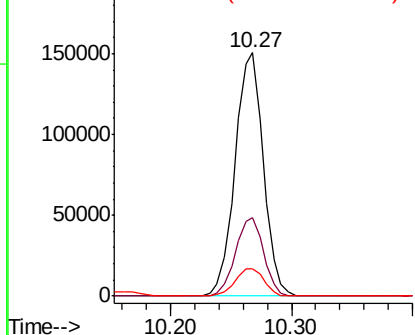


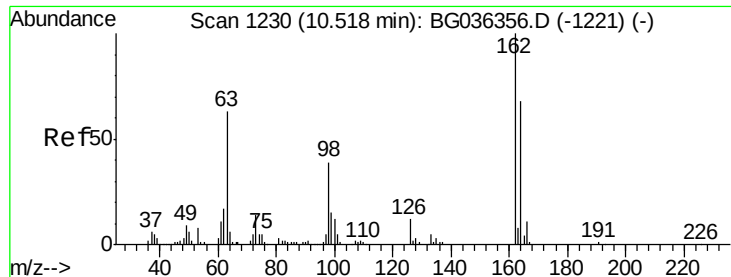
#28
bis(2-Chloroethoxy)methane
Concen: 45.784 ng
RT: 10.27 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion: 93 Resp: 245334
Ion Ratio Lower Upper
93 100
95 32.3 25.2 37.8
123 11.5 8.6 12.8



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

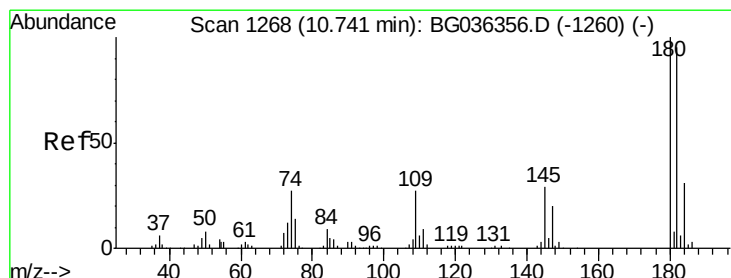
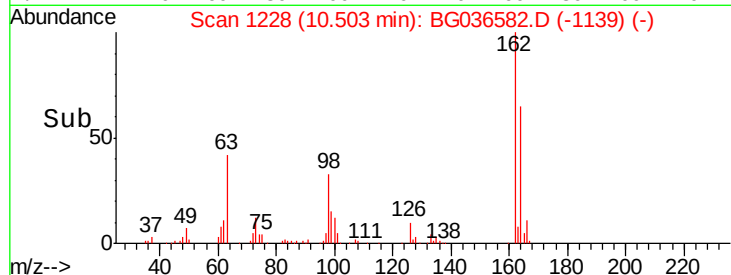
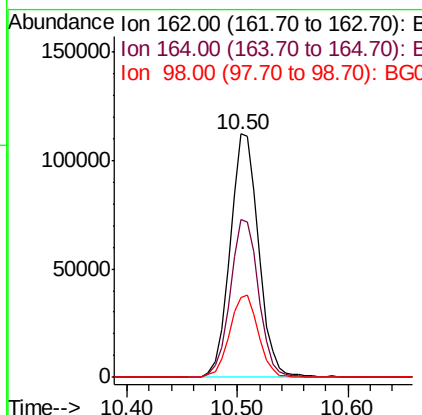
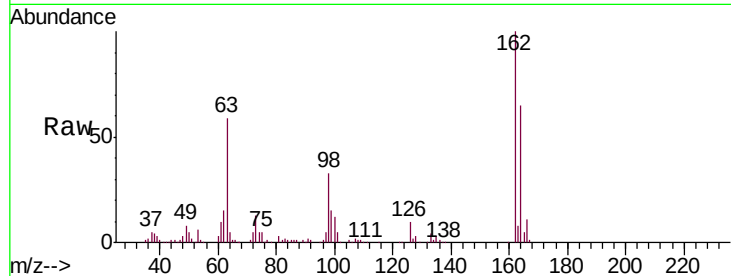




#29
2,4-Dichlorophenol
Concen: 53.408 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

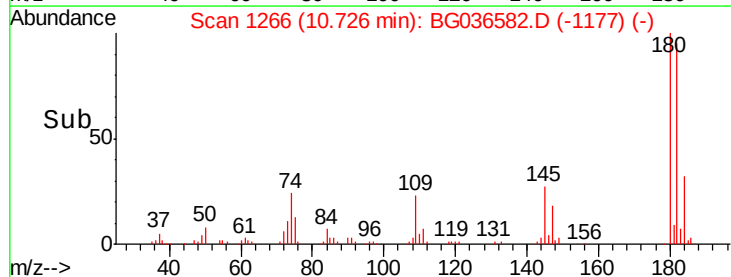
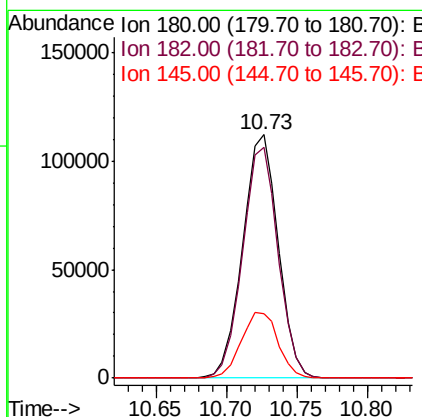
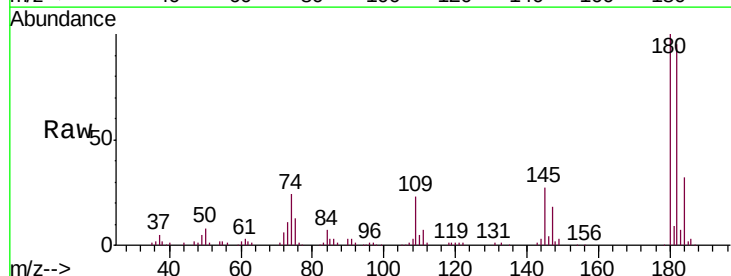
Instrument :
BNA_G
ClientSampleId :
PB112641BS

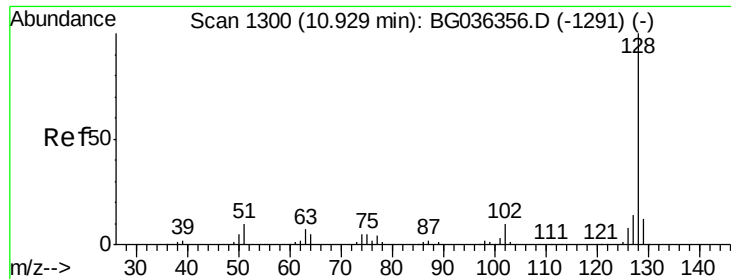
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	47.6	87.6
98	32.8	19.2	59.2



#30
1,2,4-Trichlorobenzene
Concen: 44.401 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.0	114.0
145	26.6	22.9	34.3

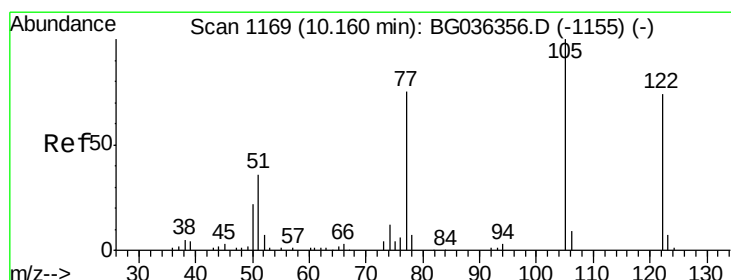
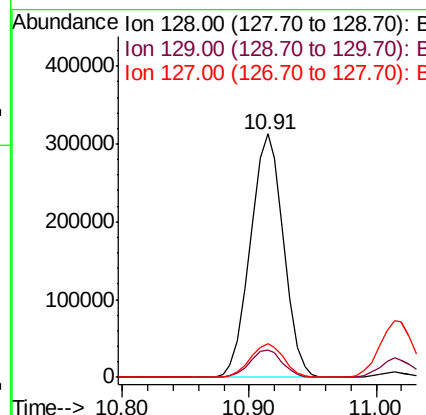
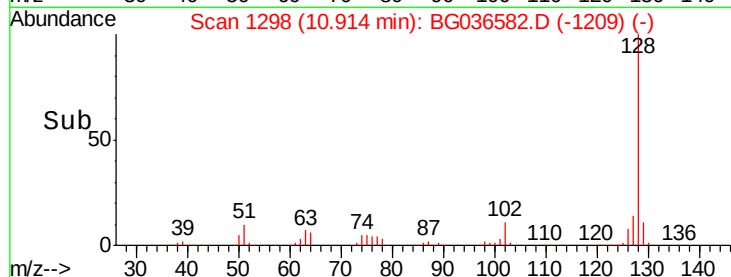
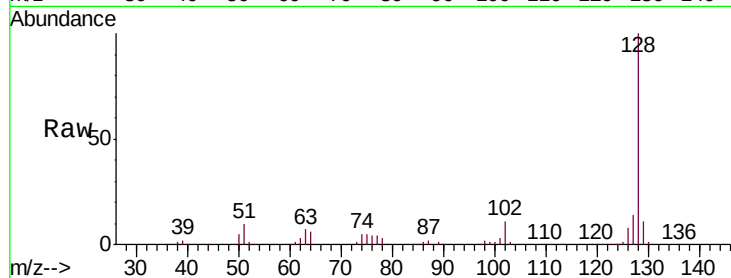




#31
Naphthalene
Concen: 47.502 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

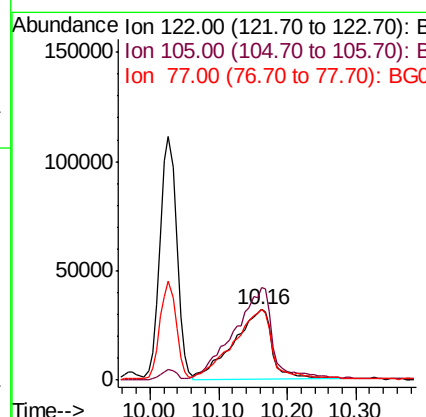
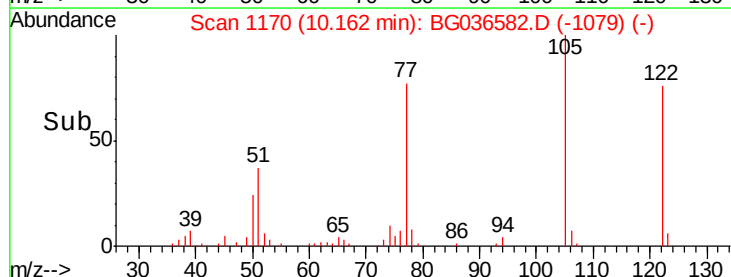
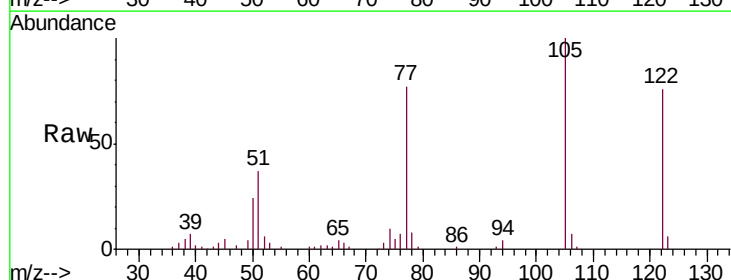
Instrument :
BNA_G
ClientSampleId :
PB112641BS

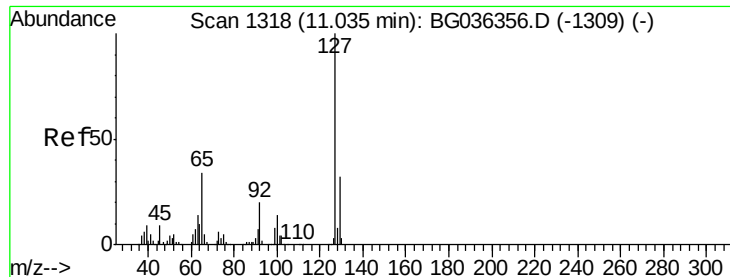
Tgt Ion:128 Resp: 566245
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.6 11.0 16.4



#32
Benzoic acid
Concen: 48.489 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion:122 Resp: 125124
Ion Ratio Lower Upper
122 100
105 131.1 108.1 148.1
77 101.4 76.3 116.3

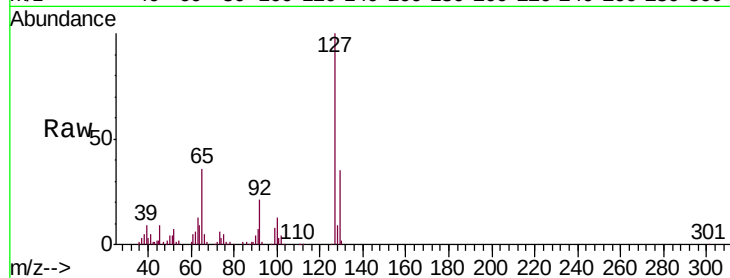




#33
4-Chloroaniline
Concen: 24.913 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Instrument :
BNA_G
ClientSampleId :
PB112641BS

Tgt Ion:	127	Resp:	136088
Ion	Ratio	Lower	Upper
127	100		
129	34.6	25.9	38.9
65	35.9	27.5	41.3
92	21.1	16.2	24.2



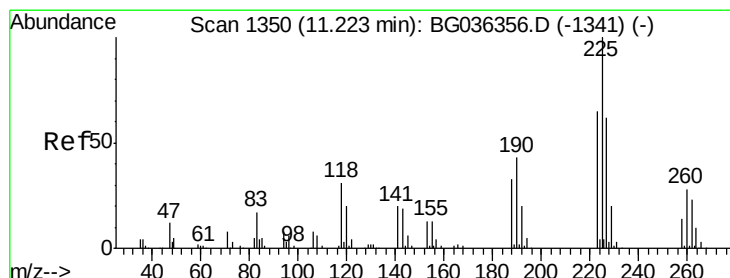
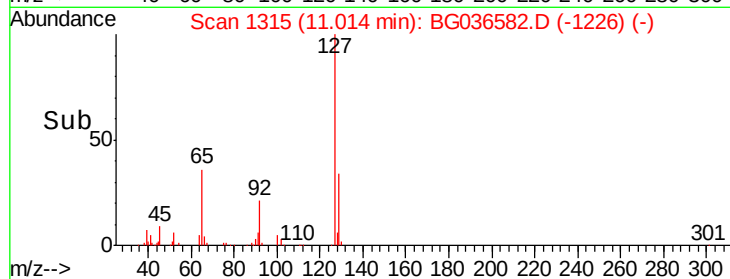
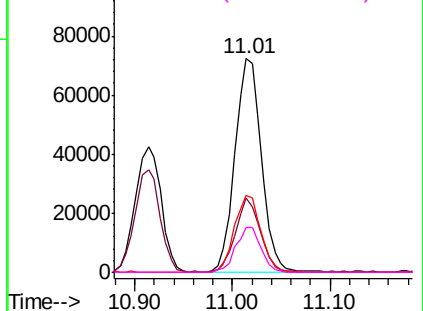
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

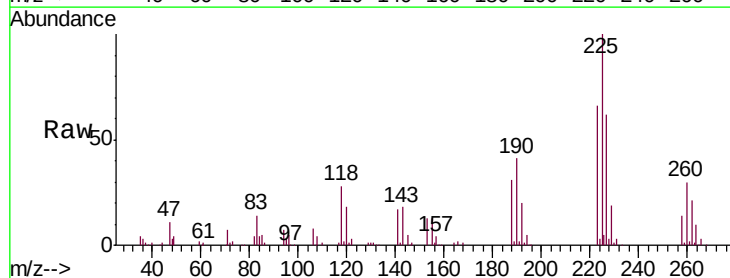
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.913 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion:	225	Resp:	131525
Ion	Ratio	Lower	Upper
225	100		
223	65.6	51.8	77.8
227	62.0	49.8	74.6

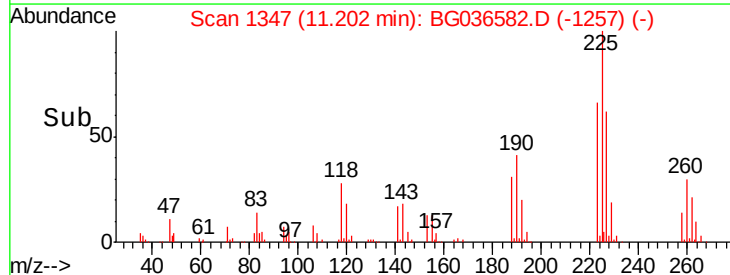
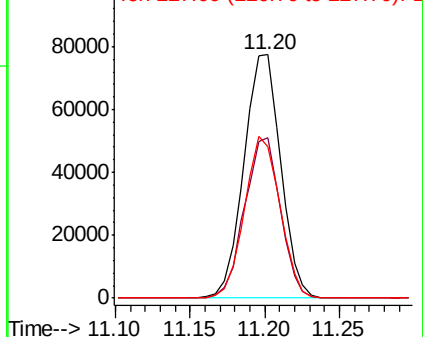


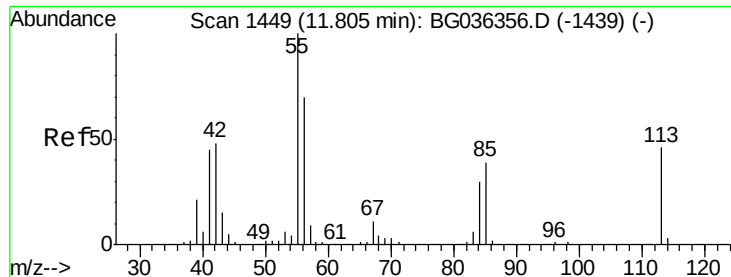
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.070 ng

RT: 11.80 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Instrument :

BNA_G

ClientSampleId :

PB112641BS

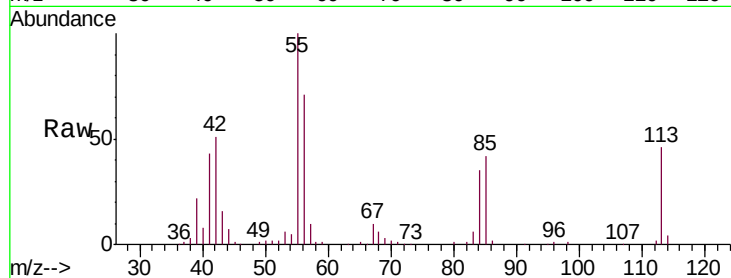
Tgt Ion:113 Resp: 54755

Ion Ratio Lower Upper

113 100

55 217.2 197.7 237.7

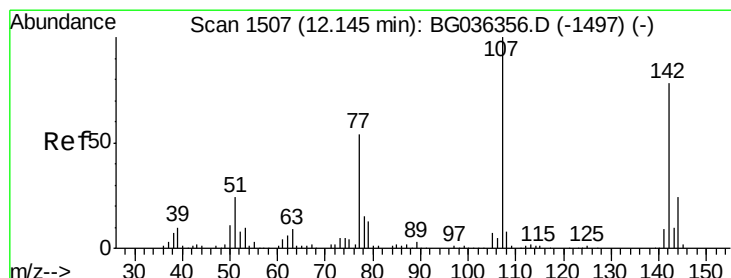
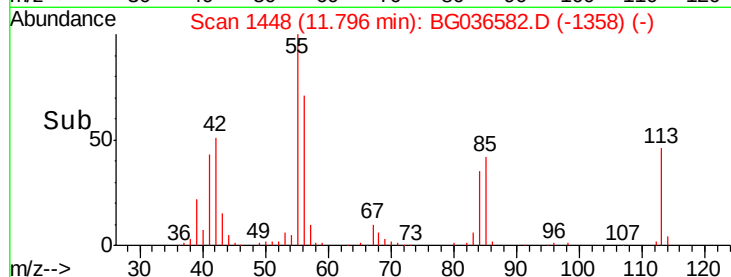
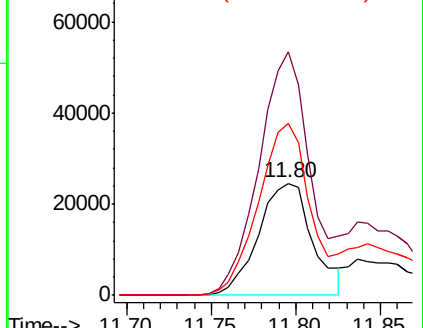
56 153.5 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 52.323 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

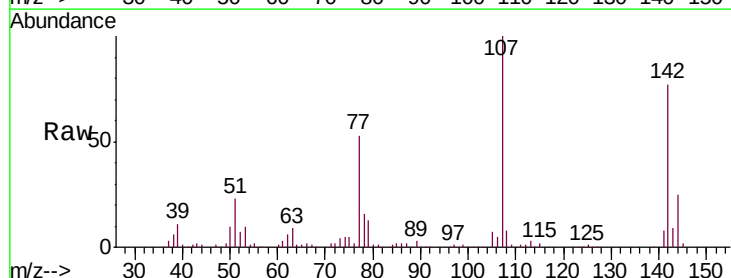
Tgt Ion:107 Resp: 231672

Ion Ratio Lower Upper

107 100

144 25.4 19.5 29.3

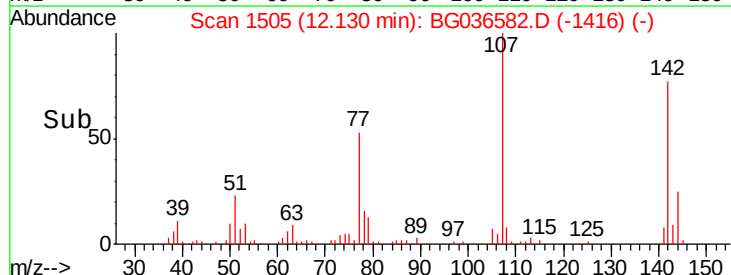
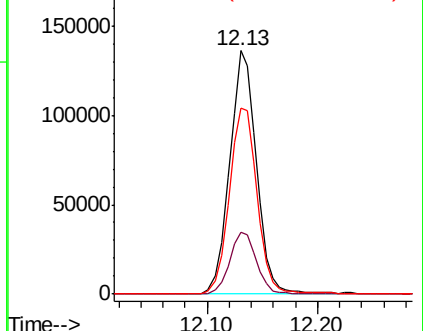
142 76.6 62.4 93.6

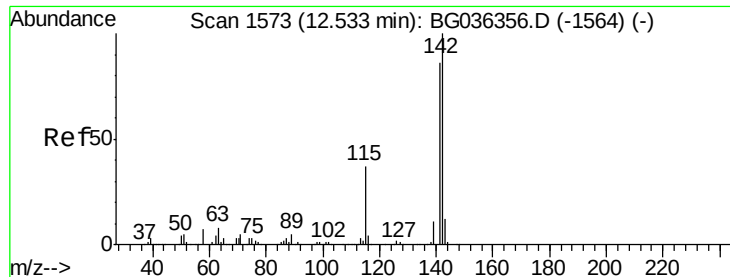


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

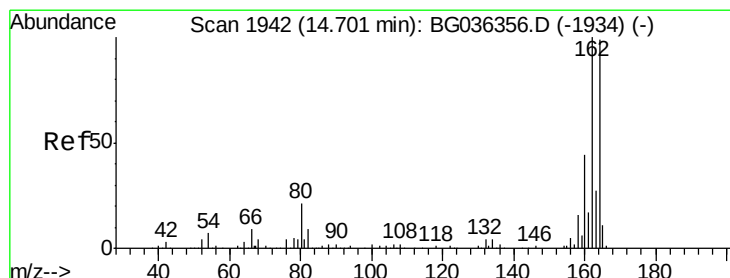
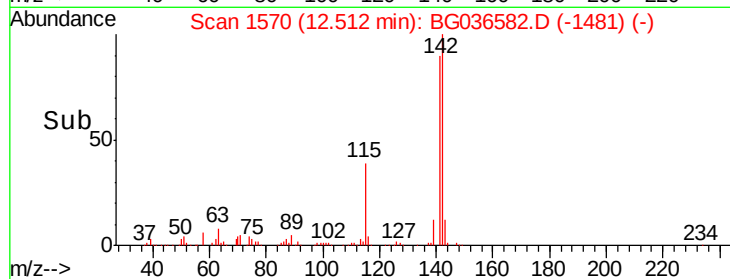
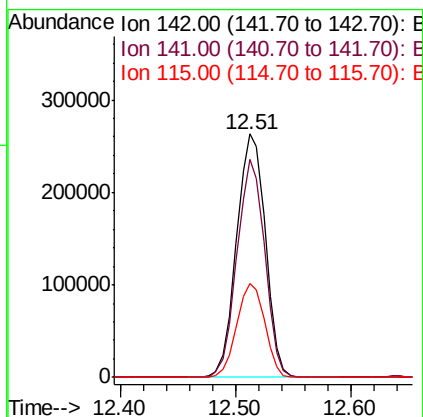
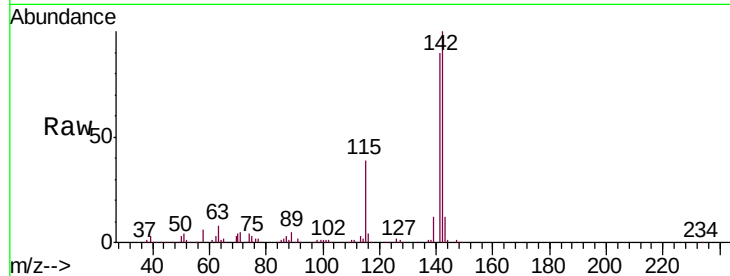




#37
2-Methylnaphthalene
Concen: 51.900 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

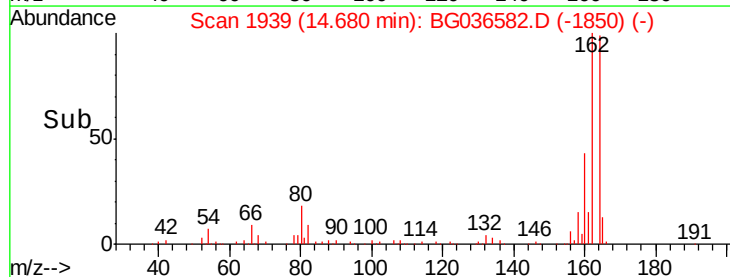
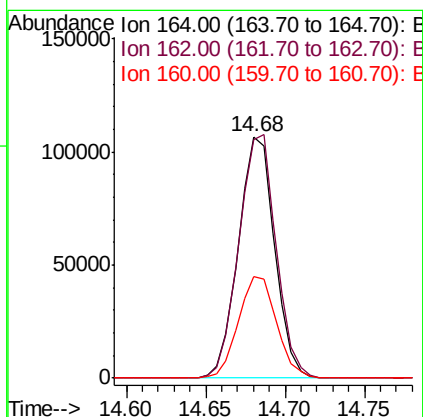
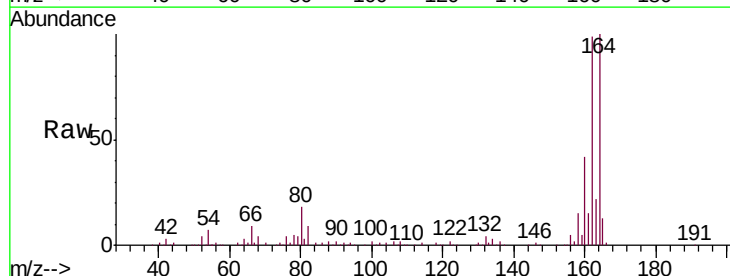
Instrument :
BNA_G
ClientSampleId :
PB112641BS

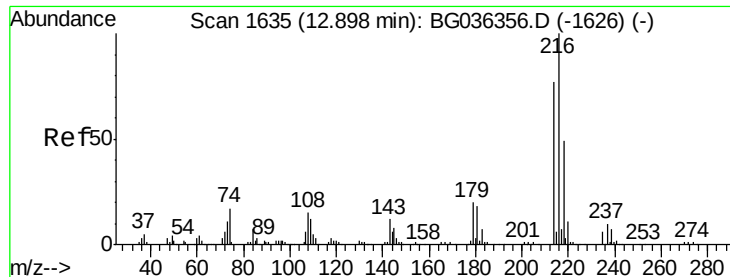
Tgt Ion:142 Resp: 452686
Ion Ratio Lower Upper
142 100
141 89.5 68.5 102.7
115 38.6 29.8 44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion:164 Resp: 168929
Ion Ratio Lower Upper
164 100
162 98.8 80.7 121.1
160 42.3 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.598 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Instrument :

BNA_G

ClientSampleId :

PB112641BS

Tgt Ion:216 Resp: 260638

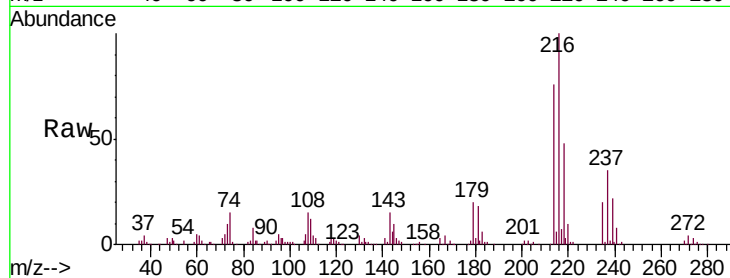
Ion Ratio Lower Upper

216 100

214 76.4 61.0 91.6

179 19.0 15.7 23.5

108 17.6 13.1 19.7

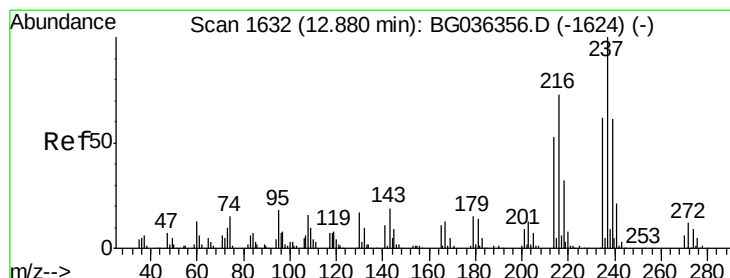
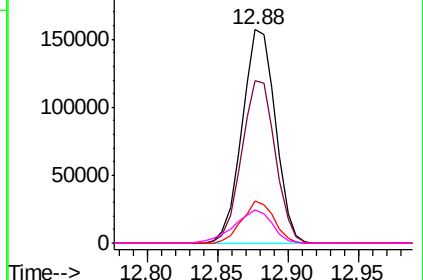
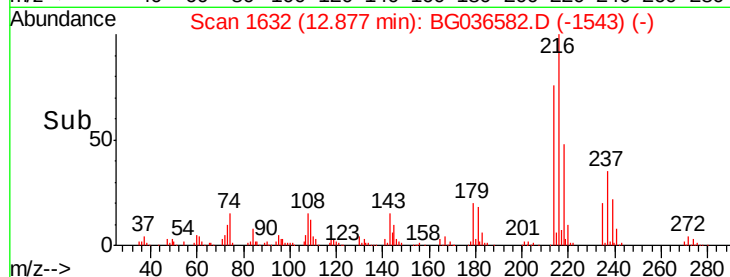


Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.997 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

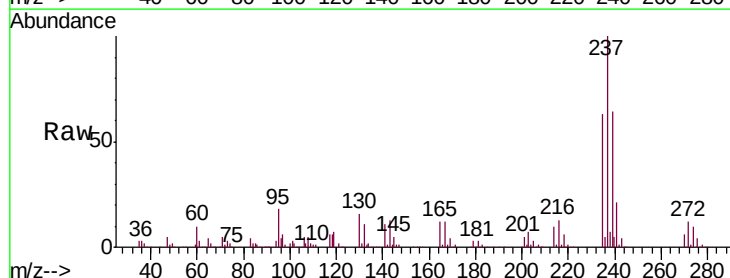
Tgt Ion:237 Resp: 314147

Ion Ratio Lower Upper

237 100

235 62.7 42.2 82.2

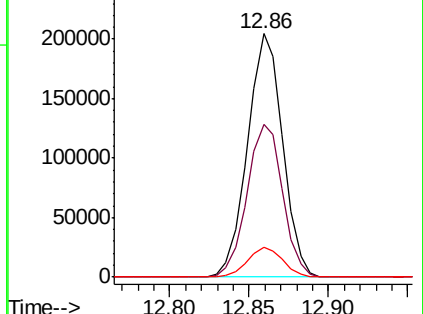
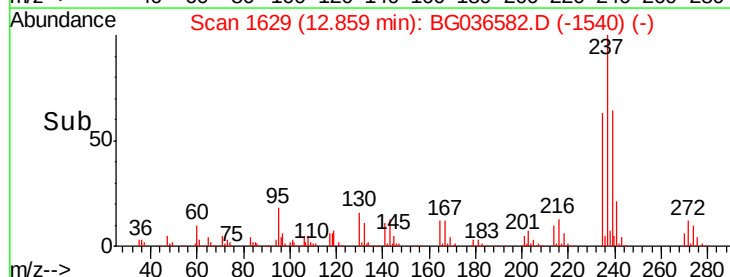
272 12.1 0.0 32.1

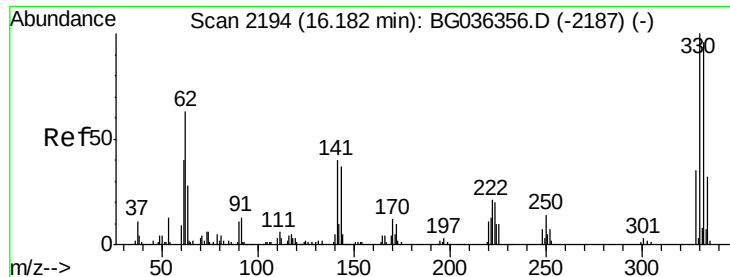


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

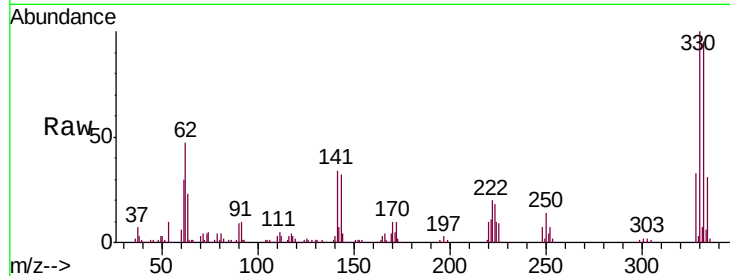




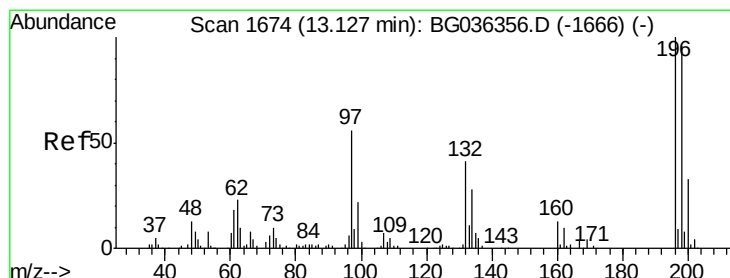
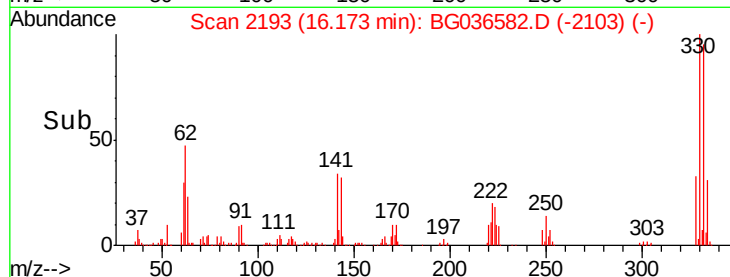
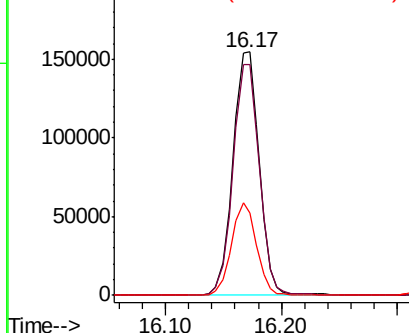
#41
 2,4,6-Tribromophenol
 Concen: 120.575 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Instrument :
 BNA_G
 ClientSampleId :
 PB112641BS

Tgt Ion:330 Resp: 243043
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.2
 141 36.5 30.7 46.1

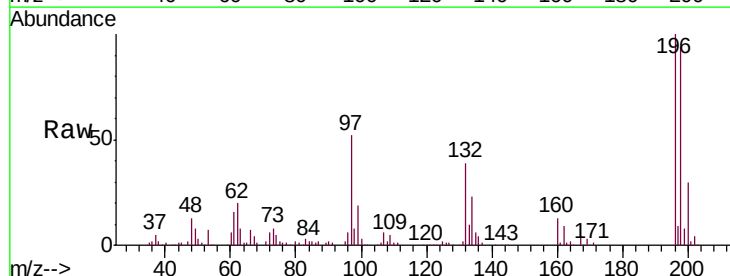


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

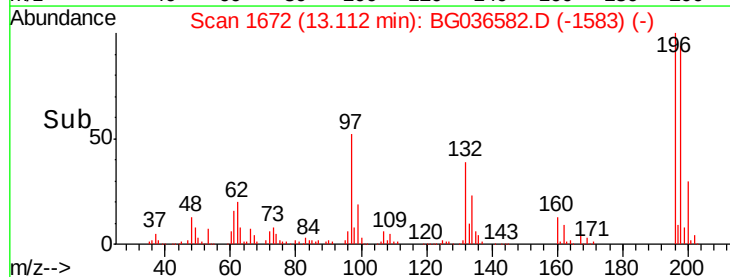
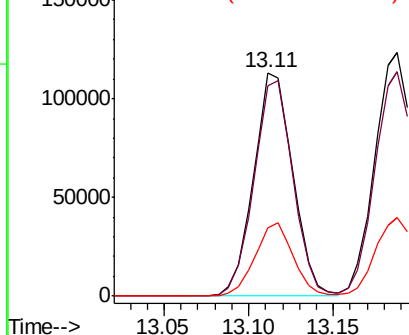


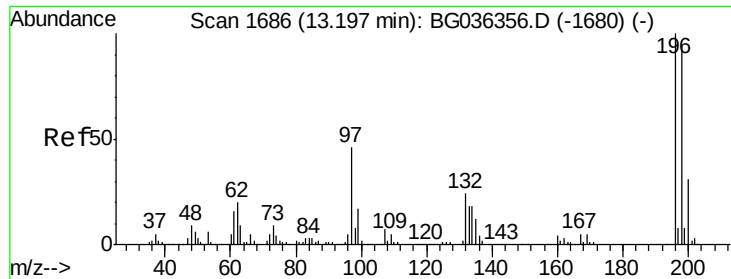
#42
 2,4,6-Trichlorophenol
 Concen: 49.973 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Tgt Ion:196 Resp: 181982
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.2 115.8
 200 30.4 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

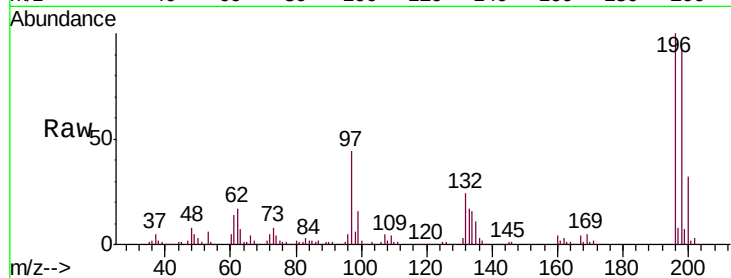




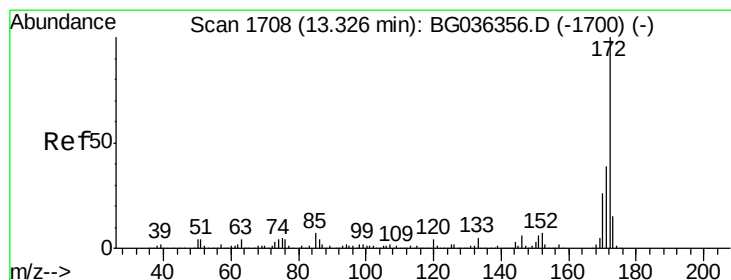
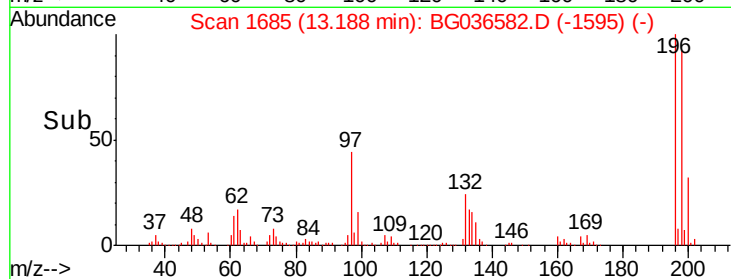
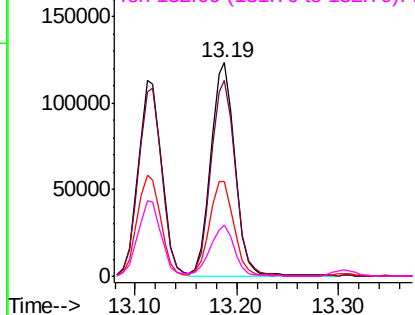
#43
 2,4,5-Trichlorophenol
 Concen: 52.250 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Instrument :
 BNA_G
 ClientSampleId :
 PB112641BS

Tgt Ion:	196	Resp:	202948
Ion	Ratio	Lower	Upper
196	100		
198	92.0	75.6	113.4
97	44.4	37.2	55.8
132	24.1	19.4	29.2

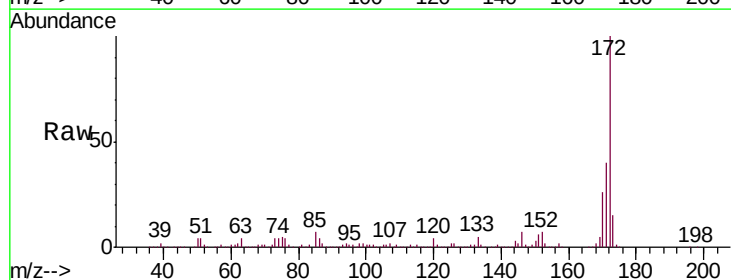


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

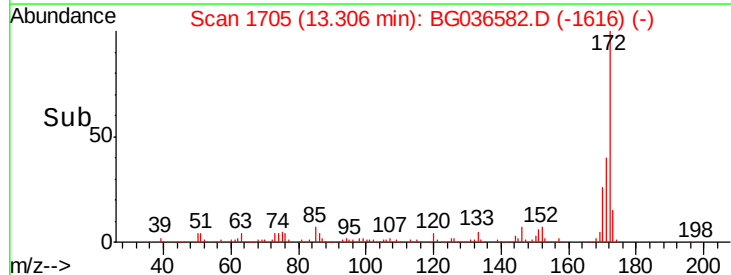
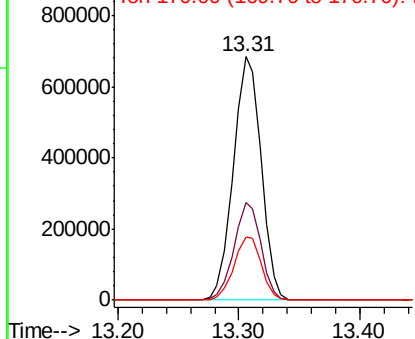


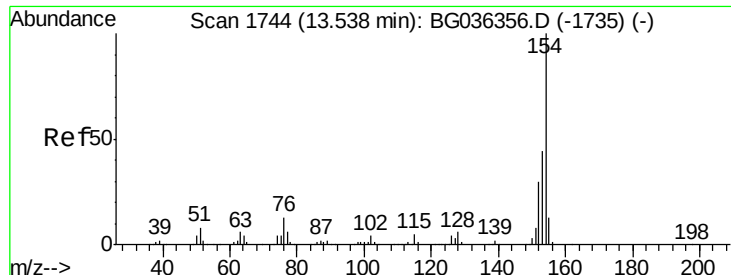
#44
 2-Fluorobiphenyl
 Concen: 92.844 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Tgt Ion:	172	Resp:	1098460
Ion	Ratio	Lower	Upper
172	100		
171	39.9	31.3	46.9
170	26.0	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

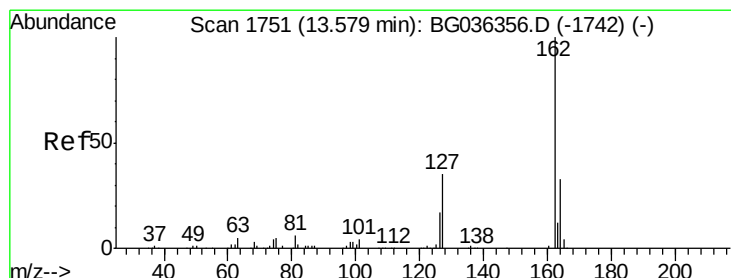
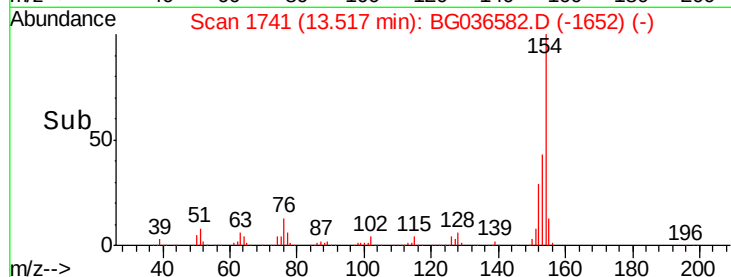
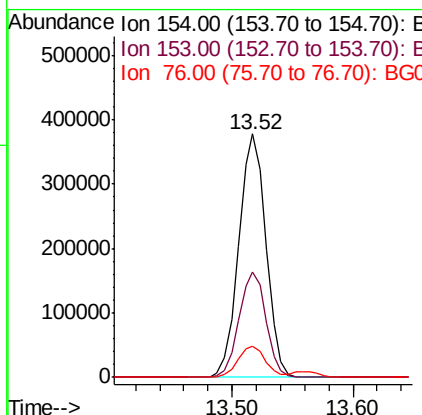
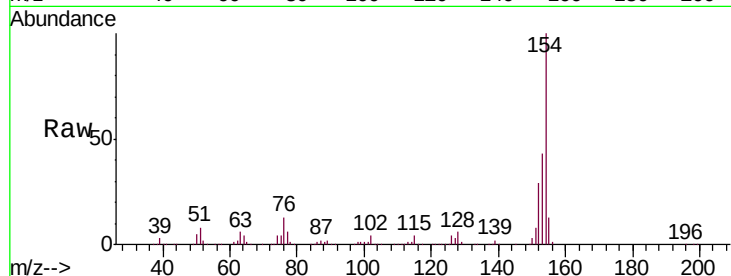




#45
 1,1'-Biphenyl
 Concen: 42.167 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

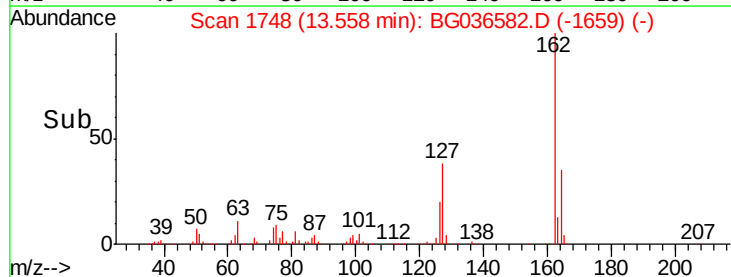
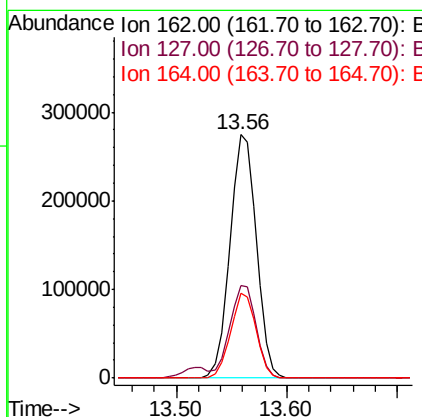
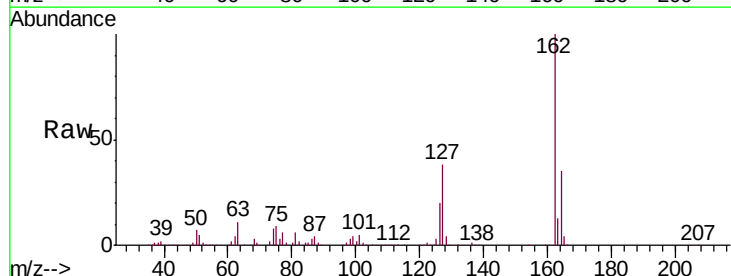
Instrument :
 BNA_G
 ClientSampleId :
 PB112641BS

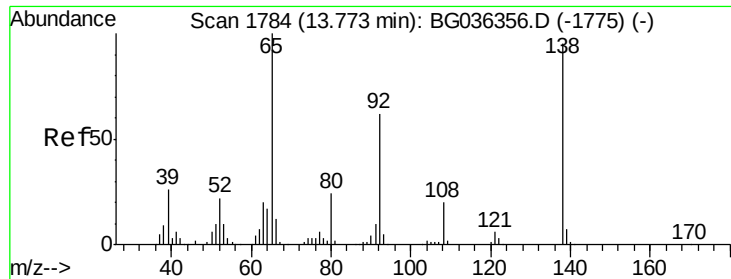
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	24.0	64.0
76	13.0	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 43.092 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.7	46.1
164	34.9	26.7	40.1

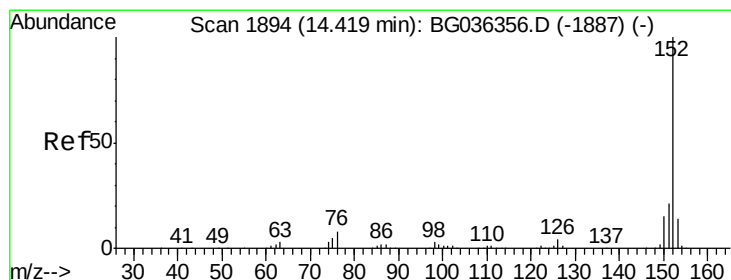
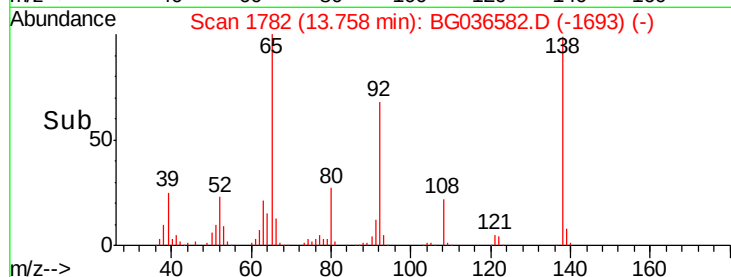
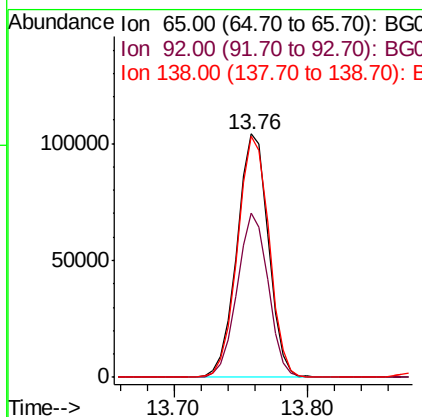
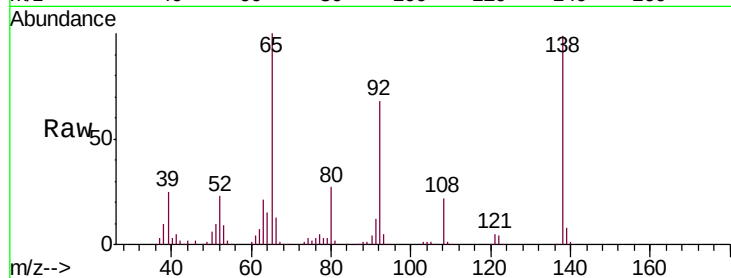




#47
2-Nitroaniline
Concen: 50.350 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

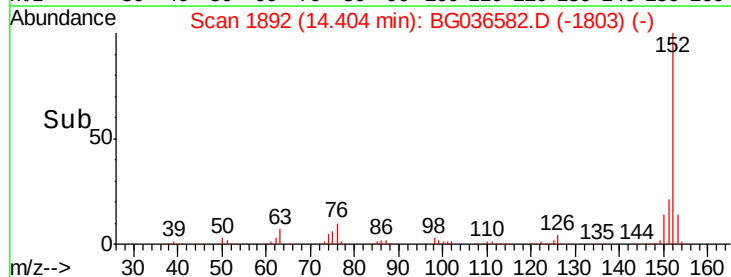
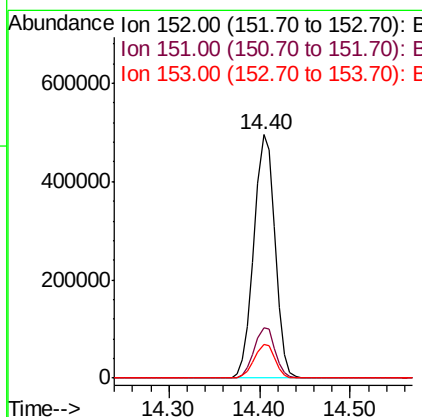
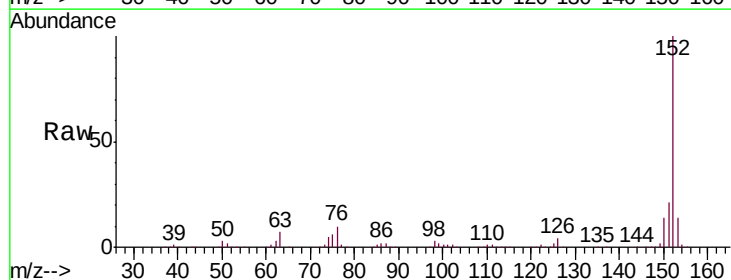
Instrument :
BNA_G
ClientSampleId :
PB112641BS

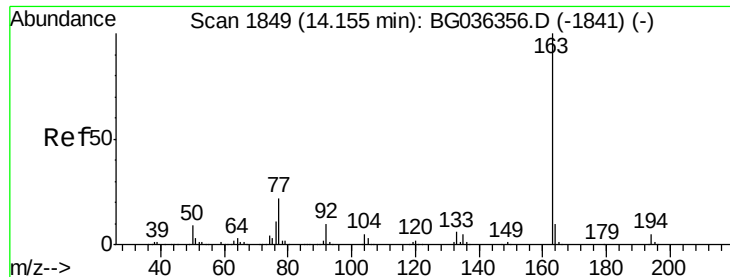
Tgt Ion: 65 Resp: 169255
Ion Ratio Lower Upper
65 100
92 67.7 49.9 74.9
138 99.1 76.2 114.4



#48
Acenaphthylene
Concen: 47.870 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion: 152 Resp: 800872
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 14.1 11.2 16.8





#49

Dimethylphthalate

Concen: 47.081 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Instrument :

BNA_G

ClientSampleId :

PB112641BS

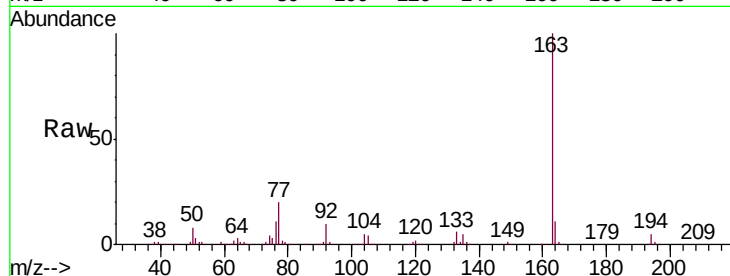
Tgt Ion:163 Resp: 649431

Ion Ratio Lower Upper

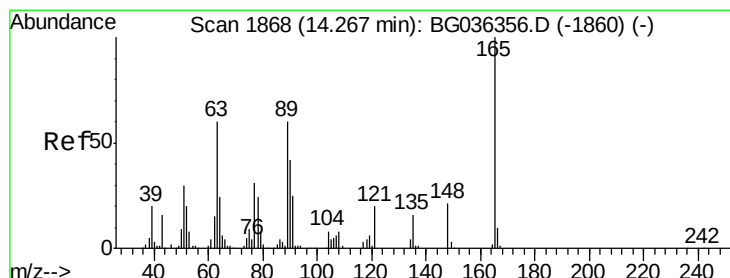
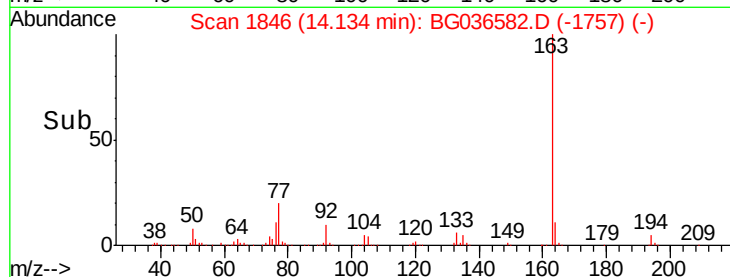
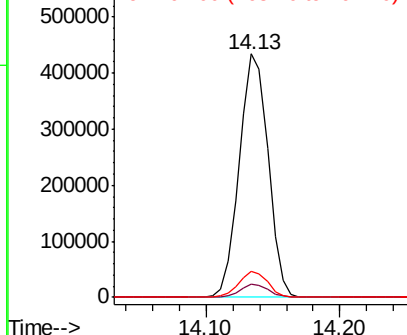
163 100

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: 50.522 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

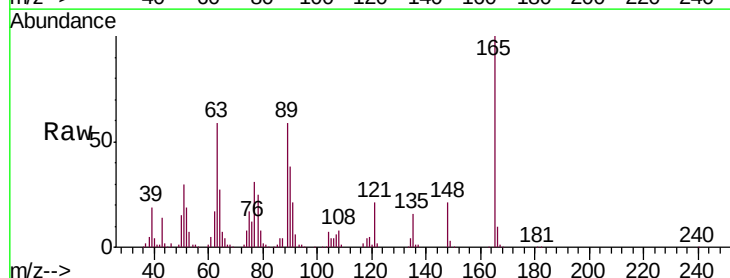
Tgt Ion:165 Resp: 143403

Ion Ratio Lower Upper

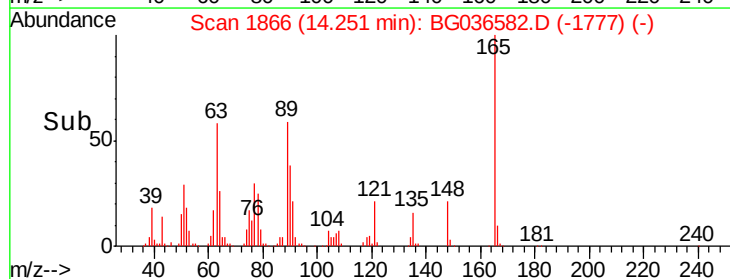
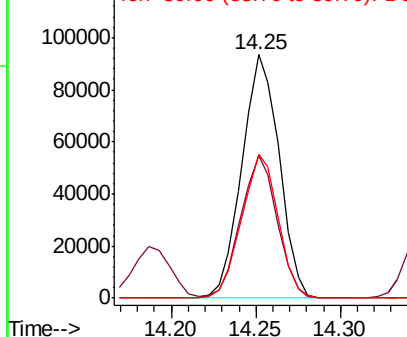
165 100

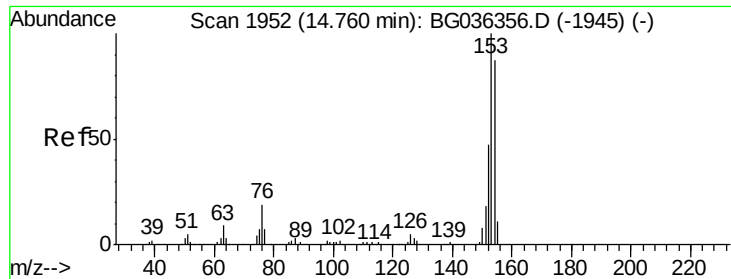
63 58.6 50.1 75.1

89 59.2 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: 43.949 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Instrument :

BNA_G

ClientSampleId :

PB112641BS

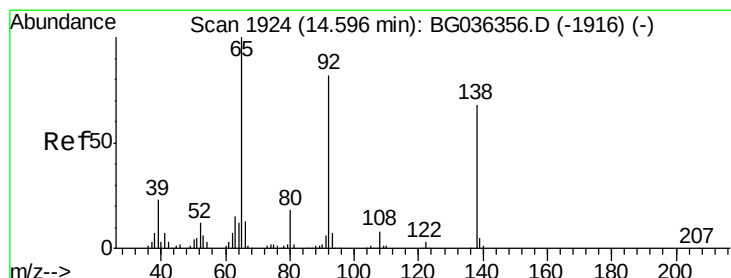
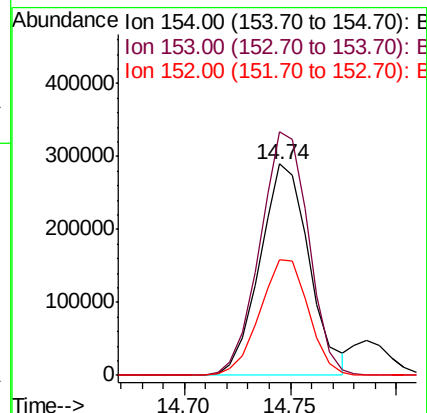
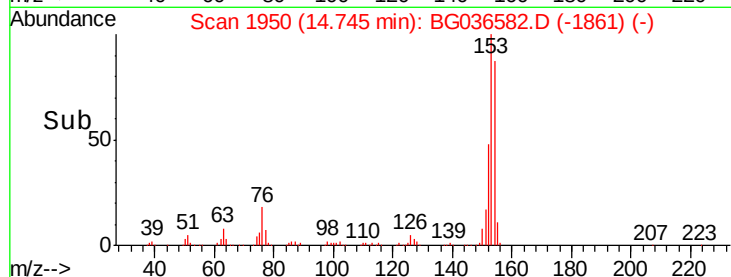
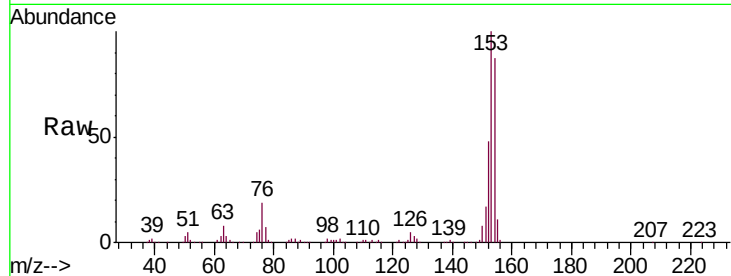
Tgt Ion:154 Resp: 470898

Ion Ratio Lower Upper

154 100

153 115.2 91.8 137.6

152 54.8 43.5 65.3



#52

3-Nitroaniline

Concen: 36.917 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

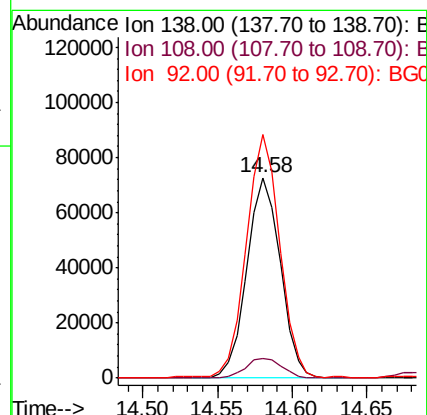
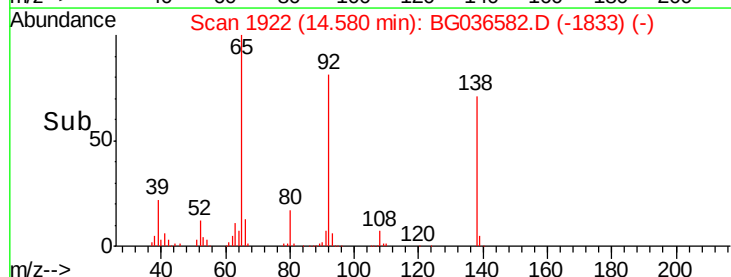
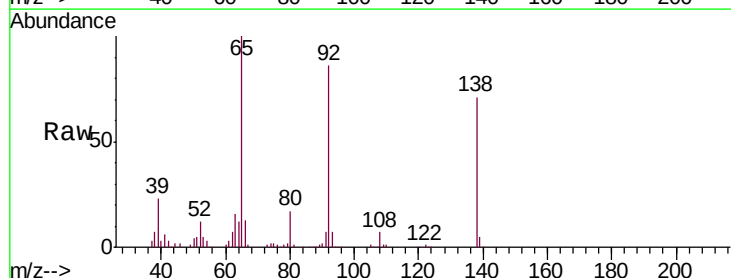
Tgt Ion:138 Resp: 112921

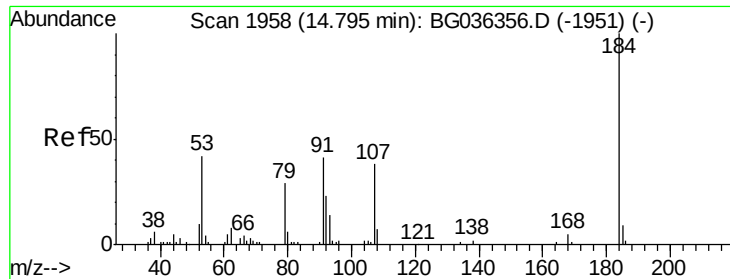
Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.2

92 121.3 96.8 145.2

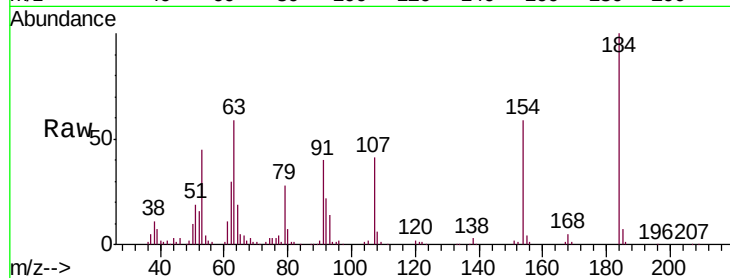




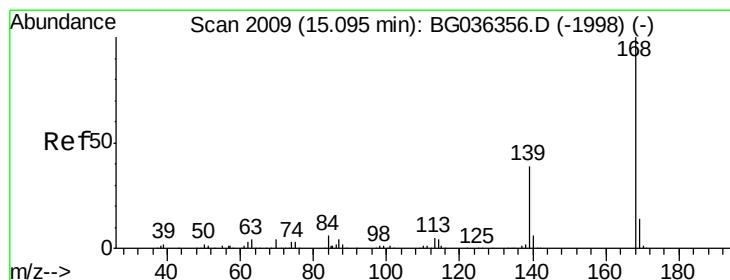
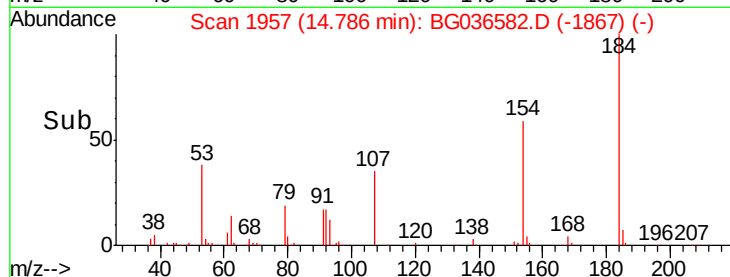
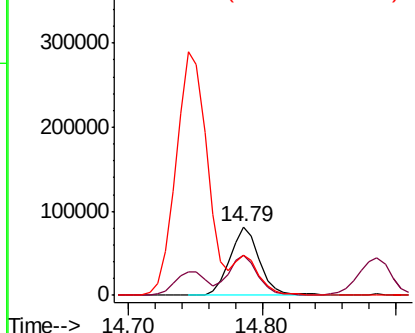
#53
2,4-Dinitrophenol
Concen: 118.305 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Instrument :
BNA_G
ClientSampleId :
PB112641BS

Tgt Ion:184 Resp: 127193
Ion Ratio Lower Upper
184 100
63 59.4 47.3 70.9
154 59.2 51.1 76.7

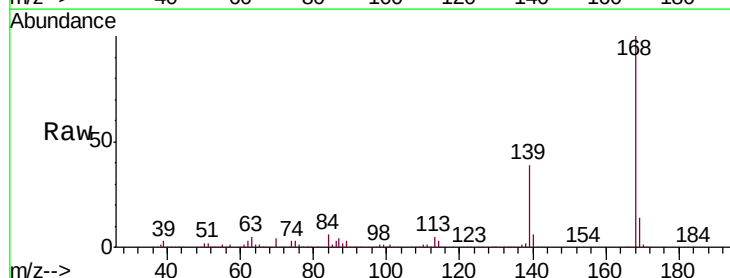


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

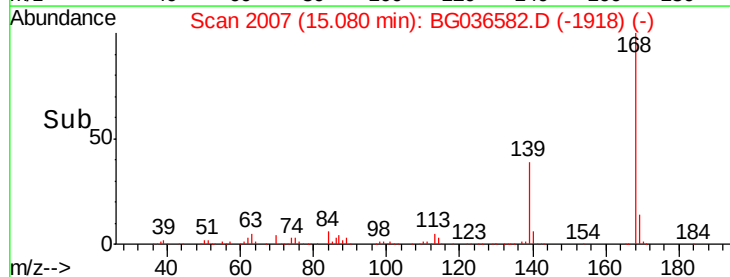
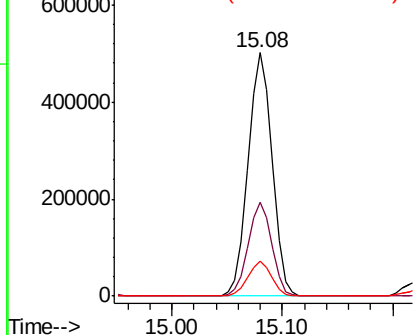


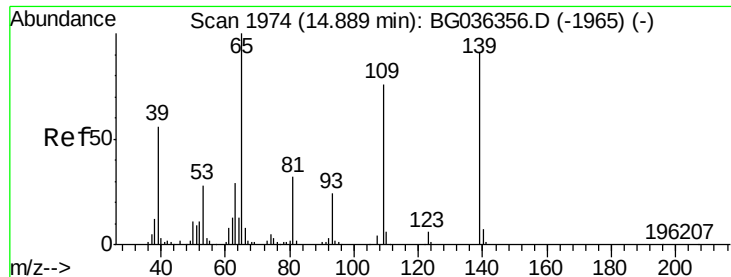
#54
Dibenzofuran
Concen: 45.789 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion:168 Resp: 768635
Ion Ratio Lower Upper
168 100
139 38.6 31.0 46.6
169 14.2 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

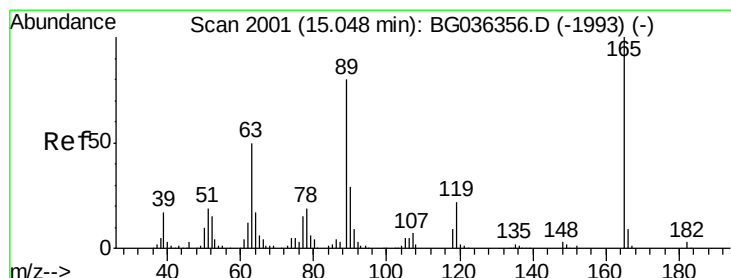
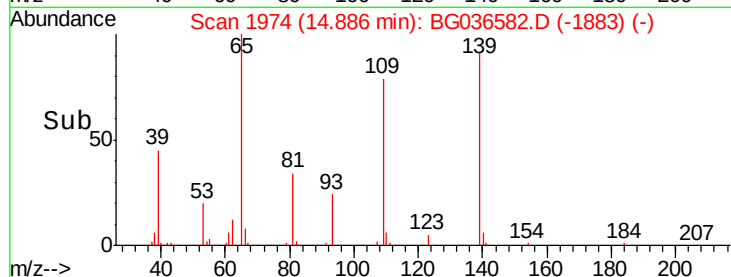
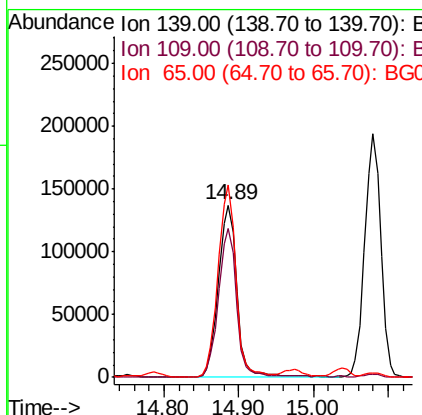
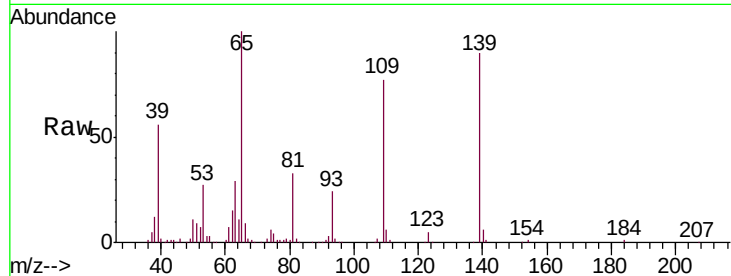




#55
4-Nitrophenol
Concen: 95.622 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

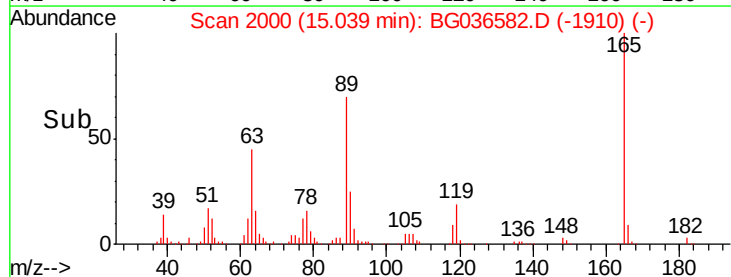
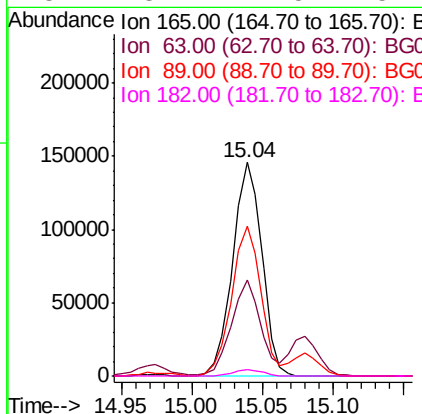
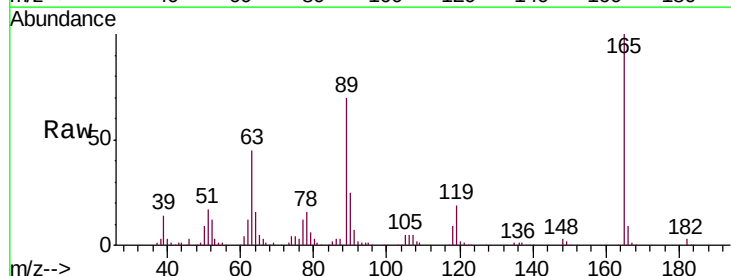
Instrument :
BNA_G
ClientSampleId :
PB112641BS

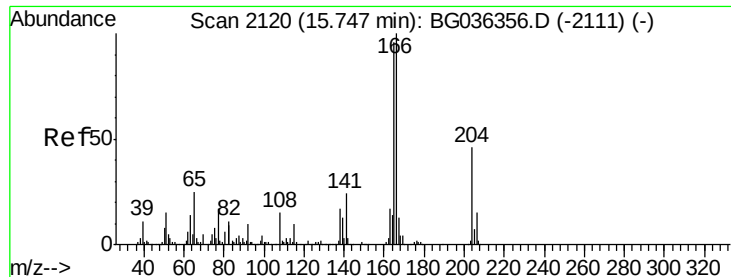
Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.3	63.9	103.9
65	111.4	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 56.982 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.0	40.1	60.1
89	70.3	63.7	95.5
182	3.2	2.5	3.7





#57

Fluorene

Concen: 49.801 ng

RT: 15.73 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Instrument :

BNA_G

ClientSampleId :

PB112641BS

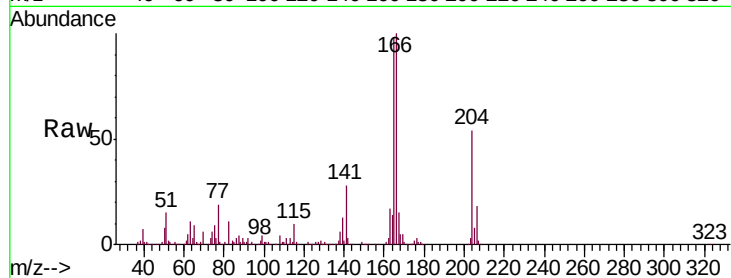
Tgt Ion:166 Resp: 624946

Ion Ratio Lower Upper

166 100

165 98.4 77.0 115.4

167 14.7 10.6 16.0

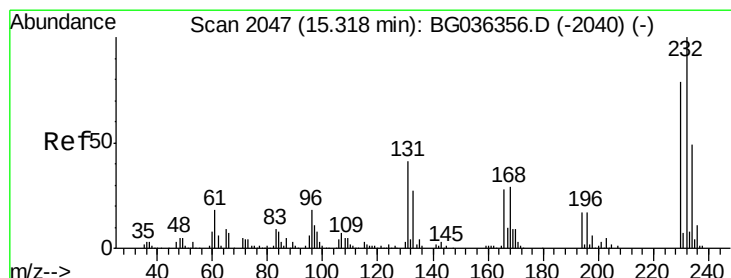
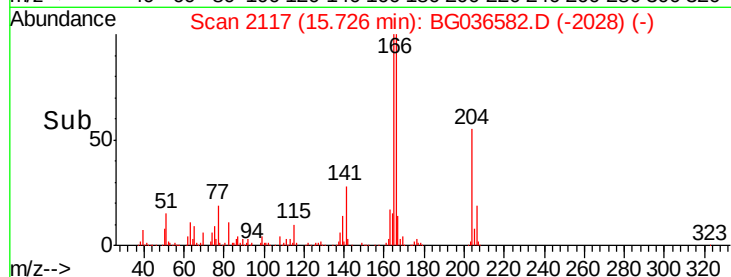
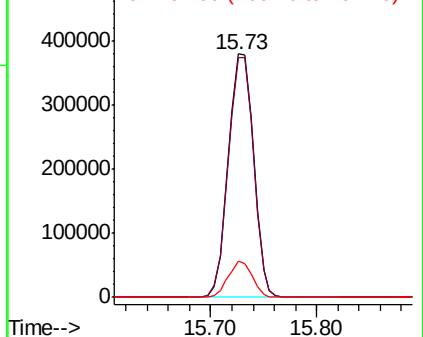


Abundance

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: 56.520 ng

RT: 15.30 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Tgt Ion:232 Resp: 206262

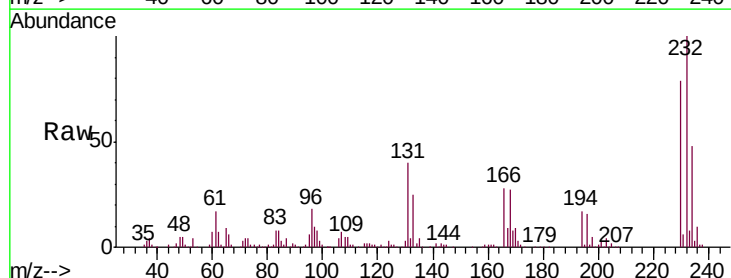
Ion Ratio Lower Upper

232 100

131 39.3 33.8 50.8

130 2.4 2.1 3.1

166 28.0 22.3 33.5



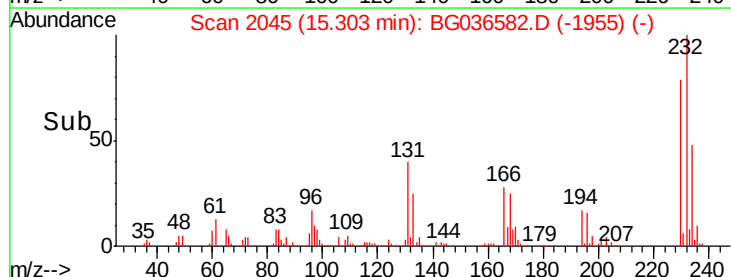
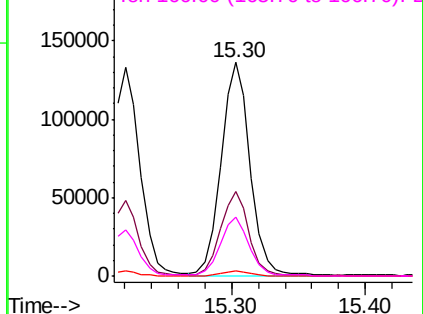
Abundance

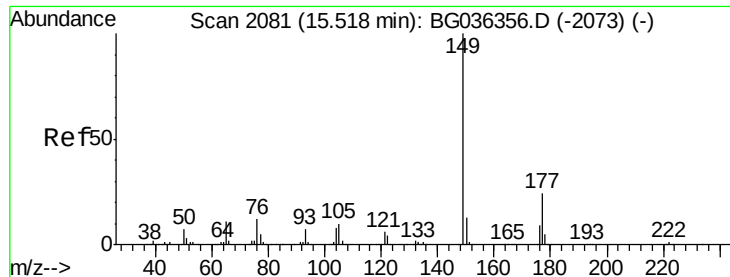
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

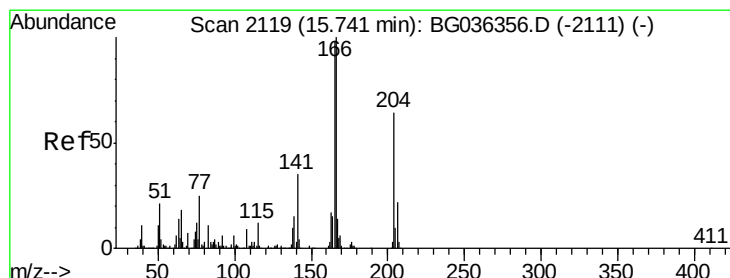
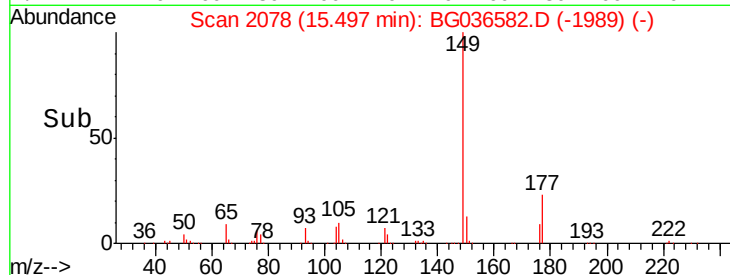
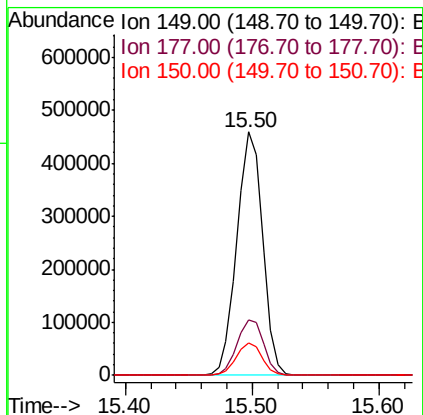
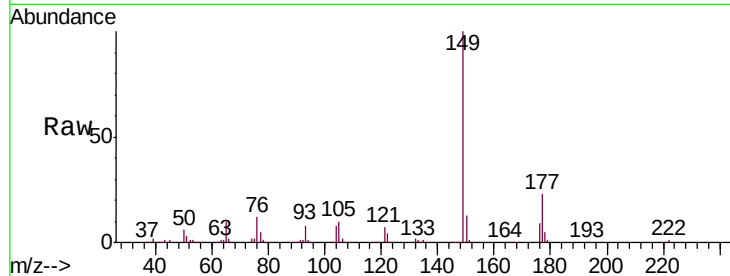




#59
Diethylphthalate
Concen: 46.288 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

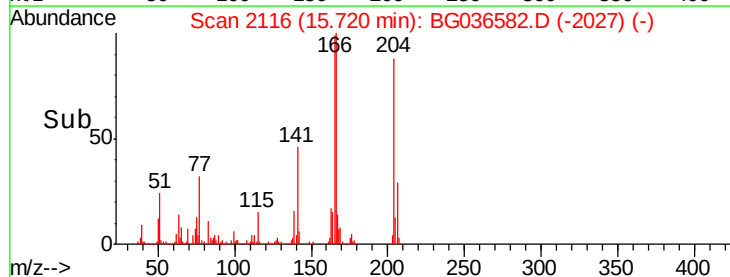
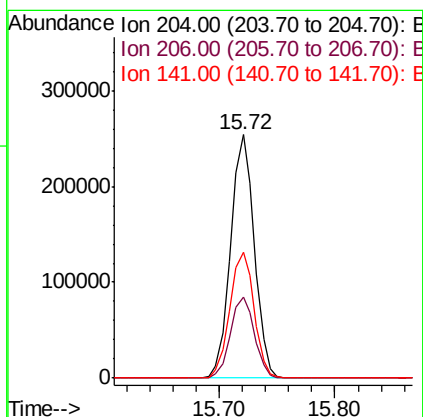
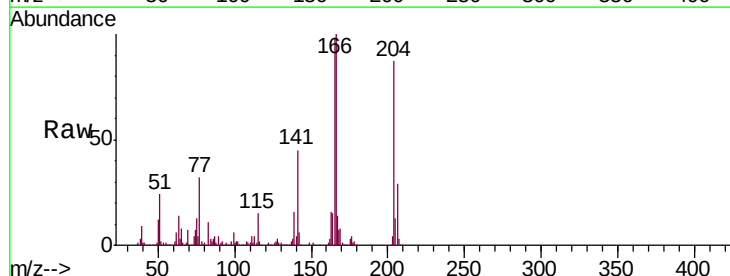
Instrument :
BNA_G
ClientSampleId :
PB112641BS

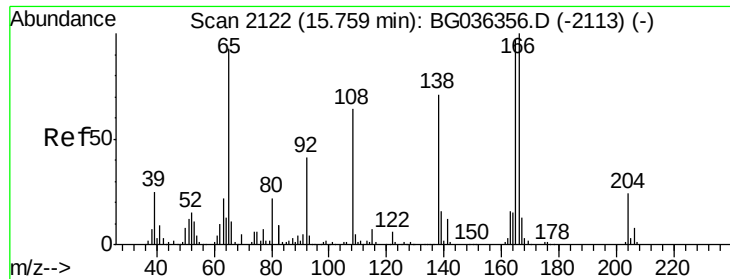
Tgt Ion:149 Resp: 643466
Ion Ratio Lower Upper
149 100
177 22.9 19.1 28.7
150 13.3 10.7 16.1



#60
4-Chlorophenyl-phenylether
Concen: 46.278 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion:204 Resp: 358600
Ion Ratio Lower Upper
204 100
206 33.2 27.0 40.4
141 51.9 43.8 65.6

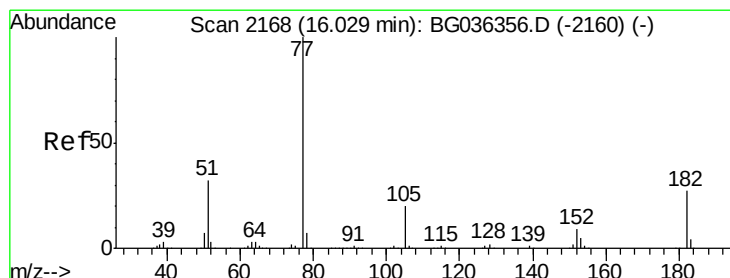
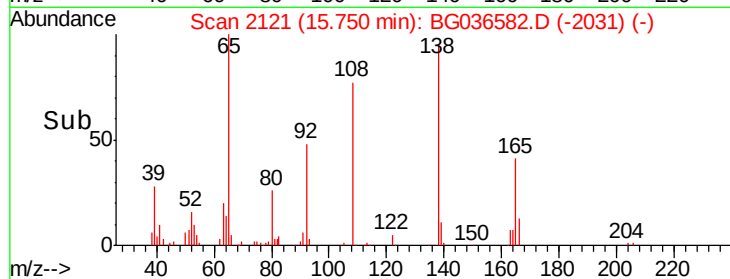
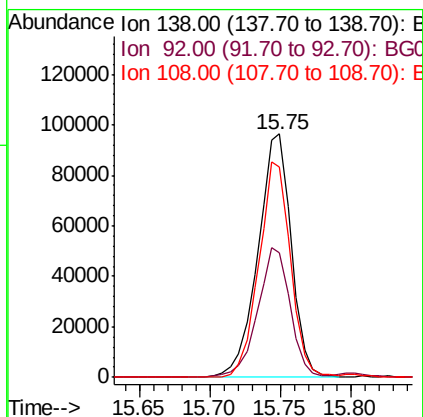
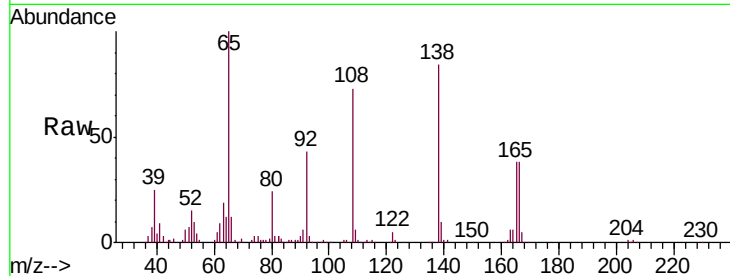




#61
4-Nitroaniline
Concen: 49.853 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

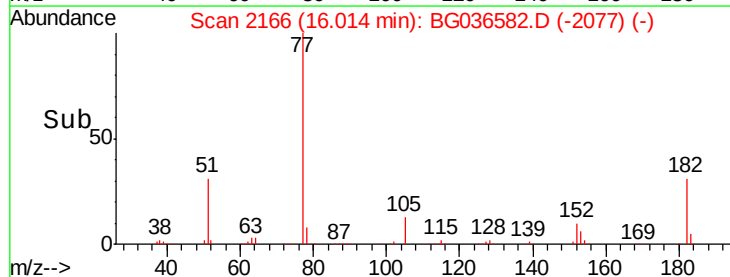
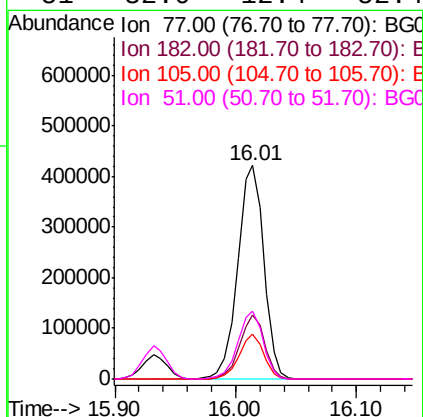
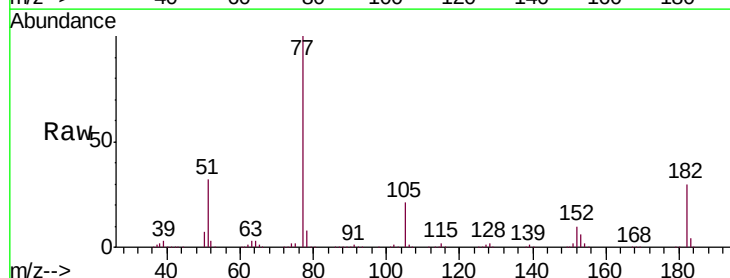
Instrument :
BNA_G
ClientSampleId :
PB112641BS

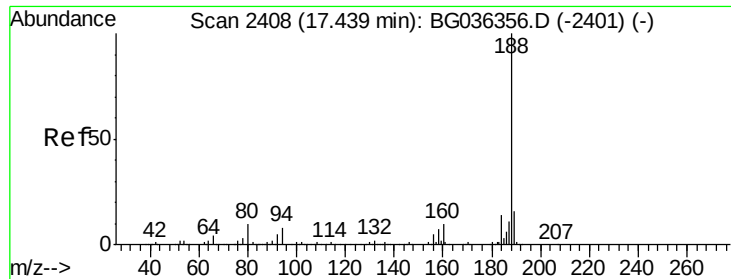
Tgt Ion: 138 Resp: 159570
Ion Ratio Lower Upper
138 100
92 51.3 38.5 78.5
108 86.3 70.3 110.3



#62
Azobenzene
Concen: 44.769 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion: 77 Resp: 633233
Ion Ratio Lower Upper
77 100
182 29.7 6.7 46.7
105 20.9 0.0 39.8
51 32.0 12.4 52.4

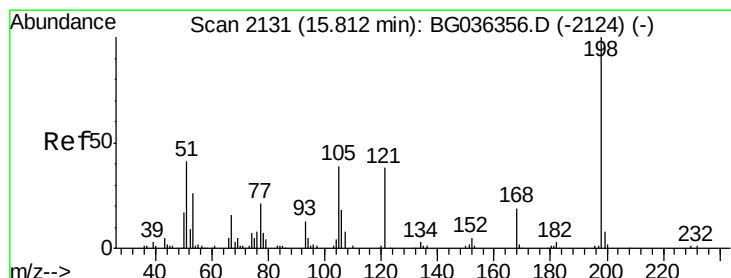
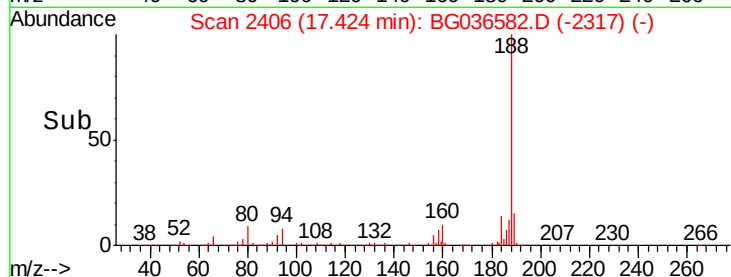
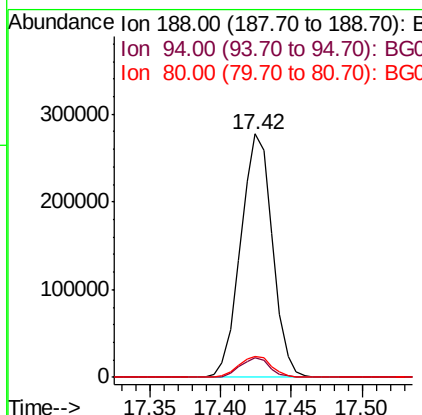
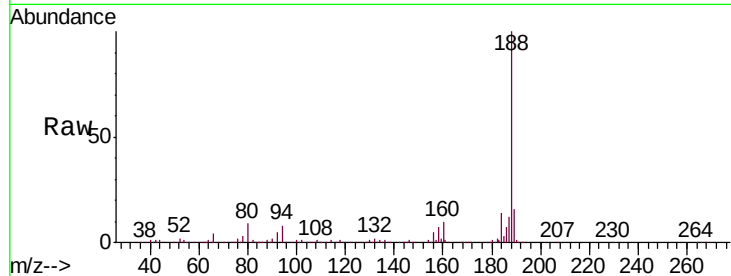




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

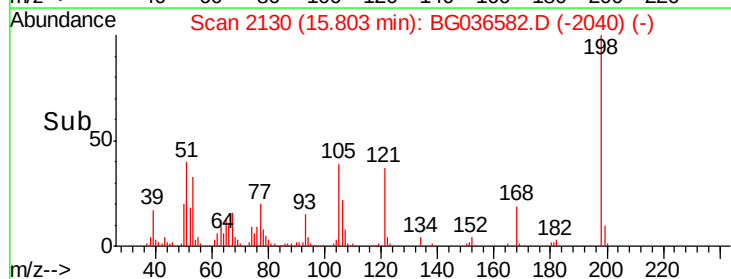
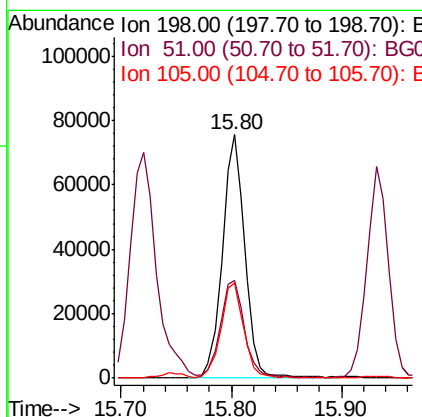
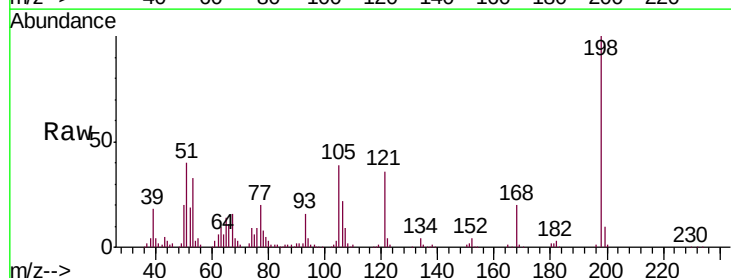
Instrument :
 BNA_G
 ClientSampleId :
 PB112641BS

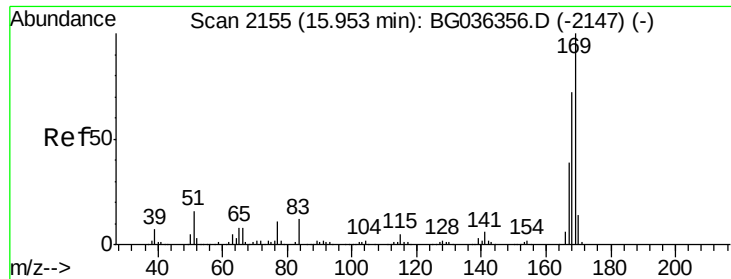
Tgt Ion:188 Resp: 436398
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.7 10.1
 80 8.8 8.1 12.1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.901 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Tgt Ion:198 Resp: 107163
 Ion Ratio Lower Upper
 198 100
 51 40.2 26.5 66.5
 105 38.9 20.2 60.2

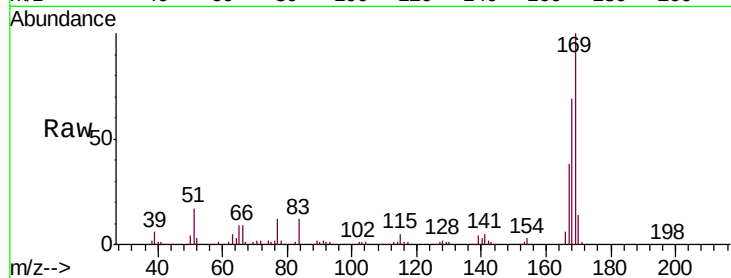




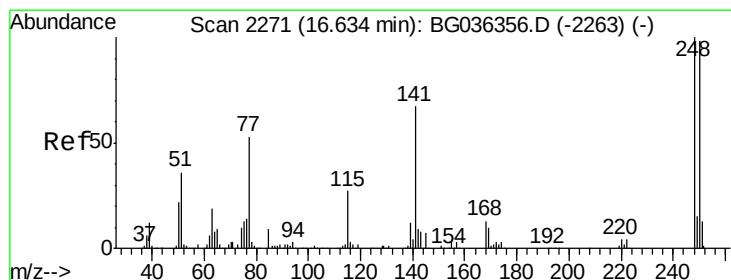
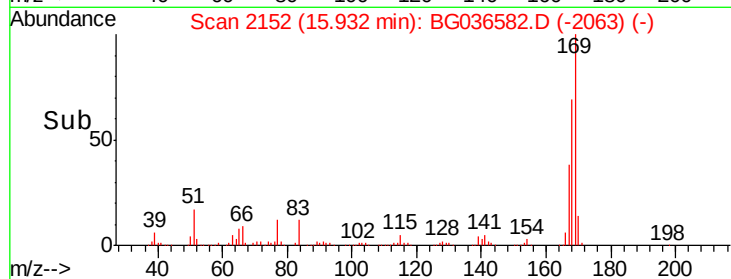
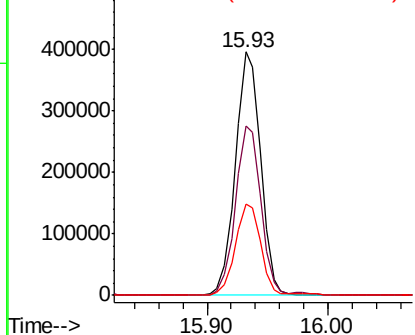
#65
 n-Nitrosodiphenylamine
 Concen: 44.374 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Instrument :
 BNA_G
 ClientSampleId :
 PB112641BS

Tgt Ion:169 Resp: 575398
 Ion Ratio Lower Upper
 169 100
 168 69.4 57.6 86.4
 167 37.6 31.0 46.4

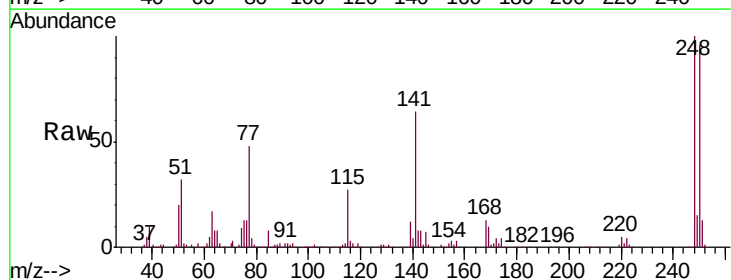


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

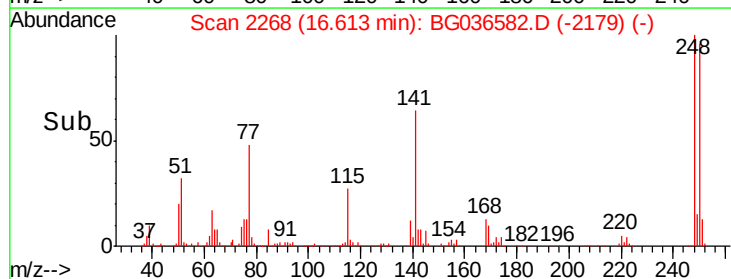
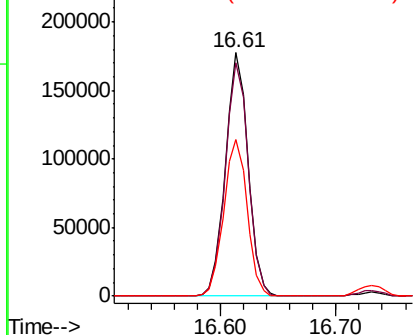


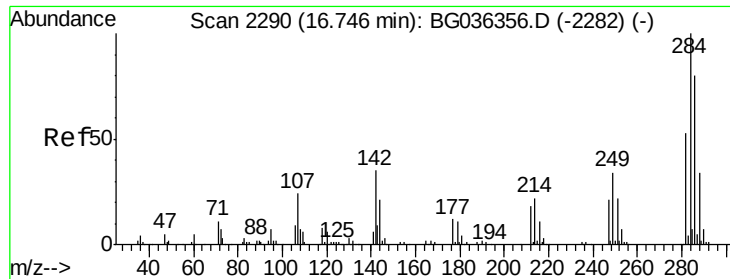
#66
 4-Bromophenyl-phenylether
 Concen: 47.167 ng
 RT: 16.61 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Tgt Ion:248 Resp: 240993
 Ion Ratio Lower Upper
 248 100
 250 95.7 78.1 117.1
 141 64.4 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

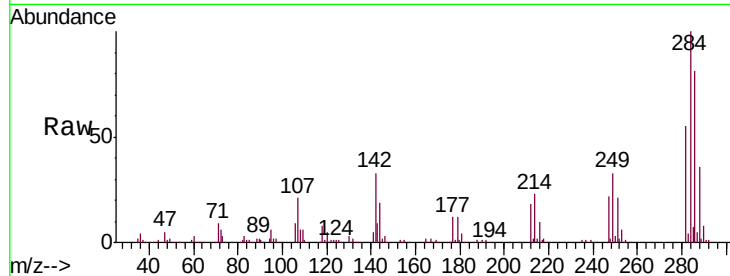




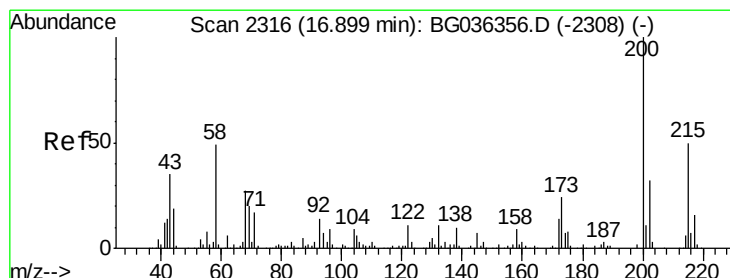
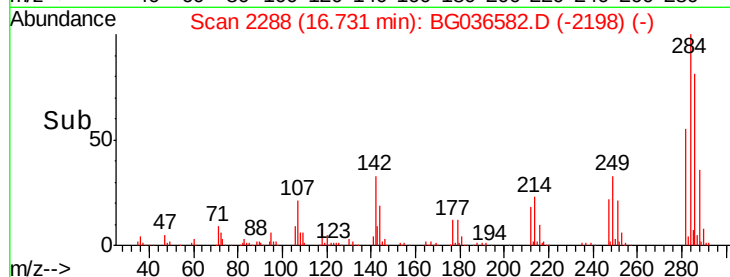
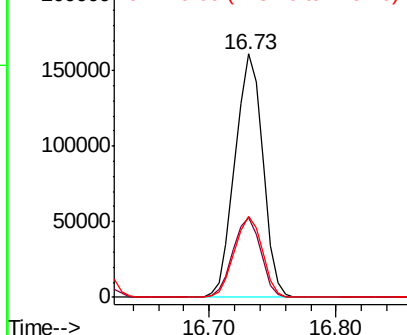
#67
Hexachlorobenzene
Concen: 46.714 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Instrument :
BNA_G
ClientSampleId :
PB112641BS

Tgt Ion:284 Resp: 244054
Ion Ratio Lower Upper
284 100
142 32.6 27.8 41.6
249 33.2 27.4 41.2

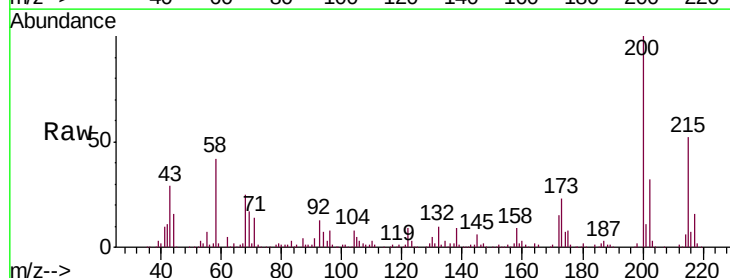


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

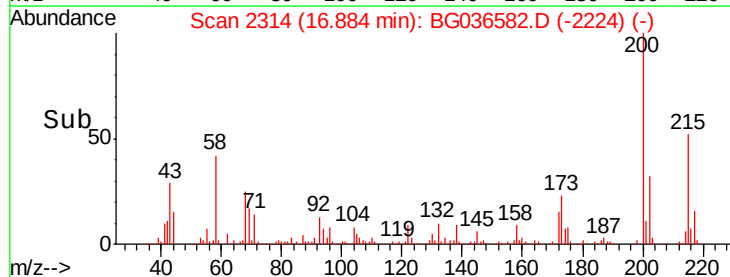
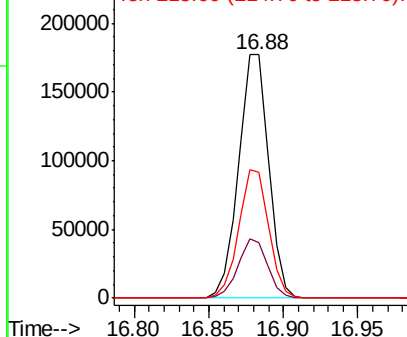


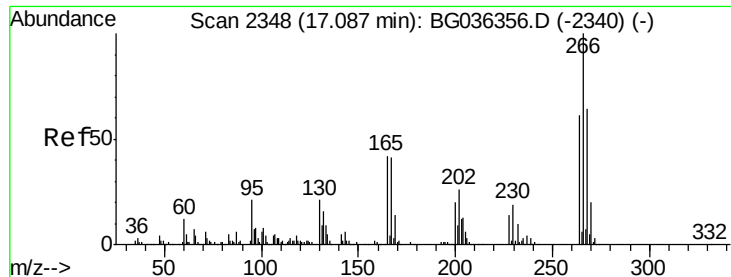
#68
Atrazine
Concen: 50.964 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion:200 Resp: 248047
Ion Ratio Lower Upper
200 100
173 22.9 3.9 43.9
215 51.7 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

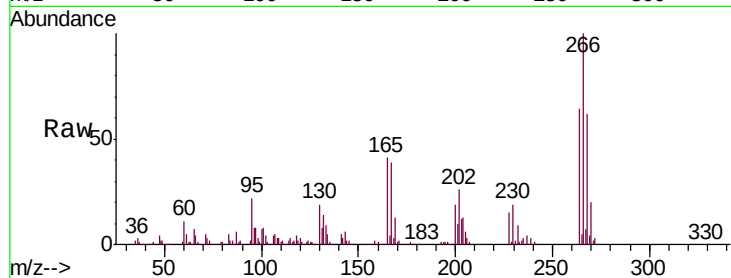




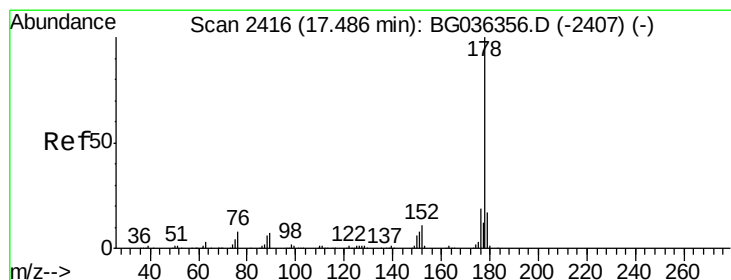
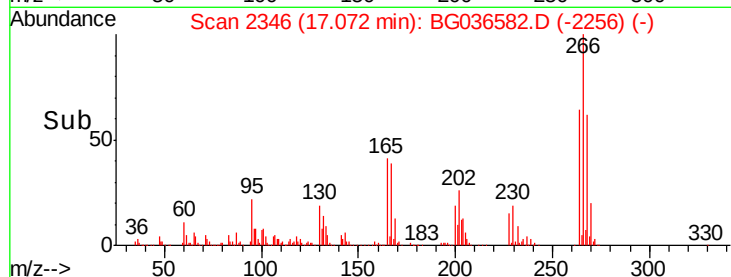
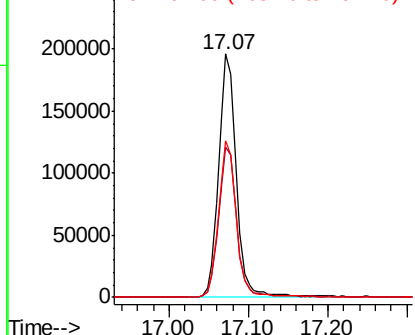
#69
 Pentachlorophenol
 Concen: 85.448 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Instrument :
 BNA_G
 ClientSampleId :
 PB112641BS

Tgt Ion: 266 Resp: 303403
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.4 77.2
 264 64.3 48.9 73.3

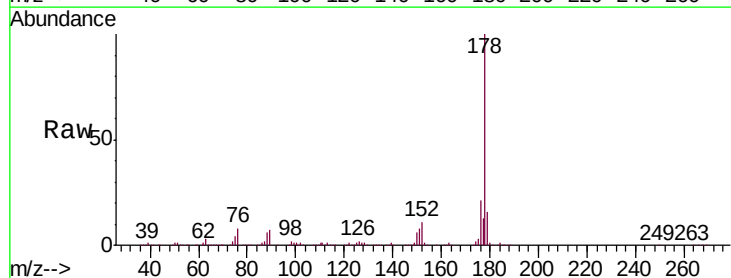


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

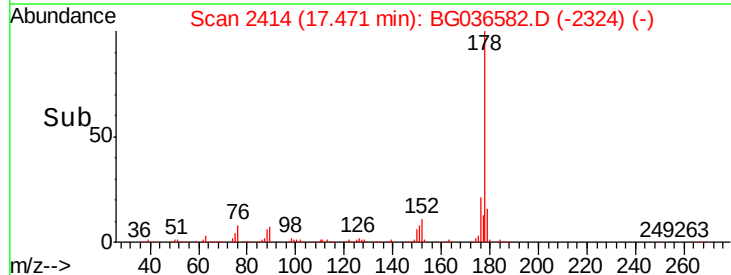
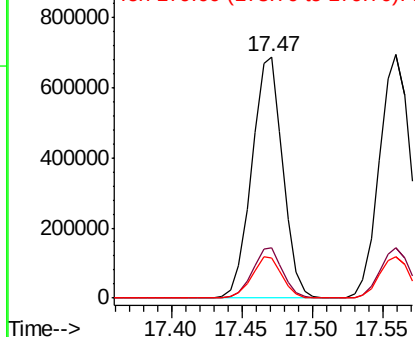


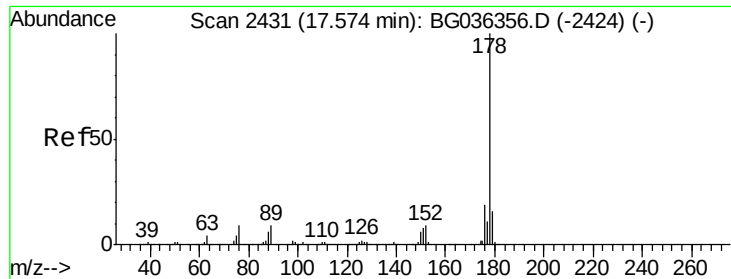
#70
 Phenanthrene
 Concen: 47.734 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Tgt Ion: 178 Resp: 1058490
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.4 23.2
 179 16.4 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

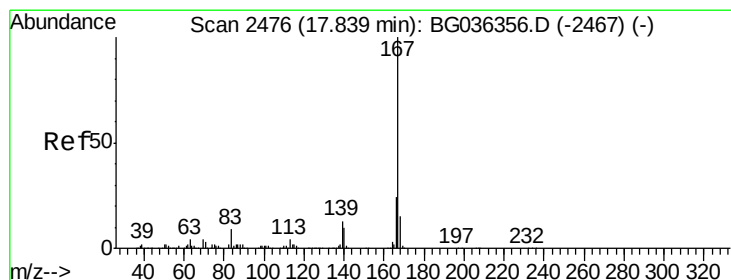
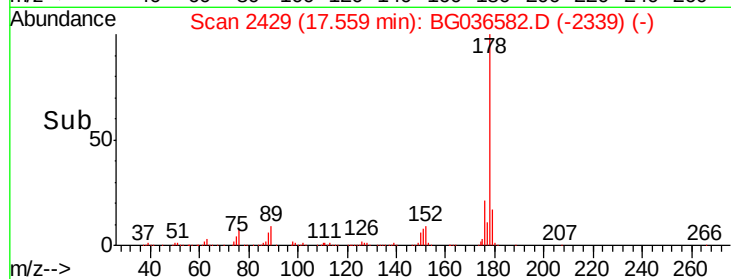
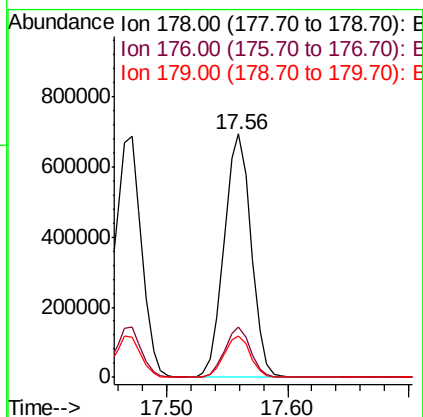
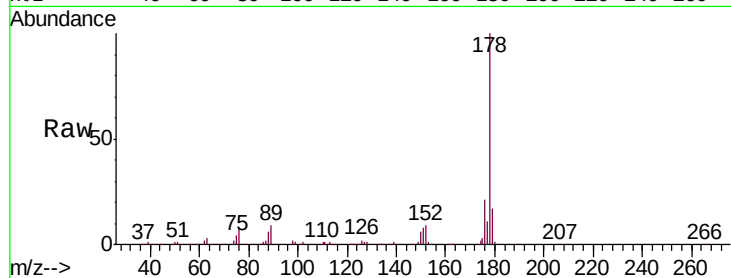




#71
 Anthracene
 Concen: 48.555 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

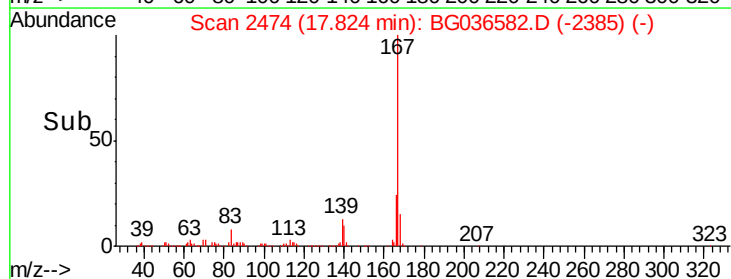
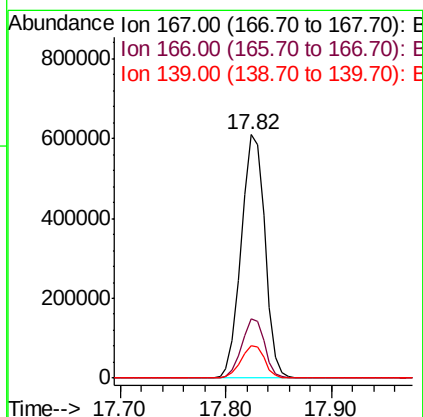
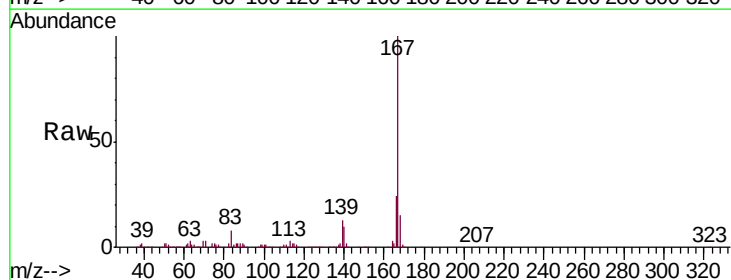
Instrument :
 BNA_G
 ClientSampleId :
 PB112641BS

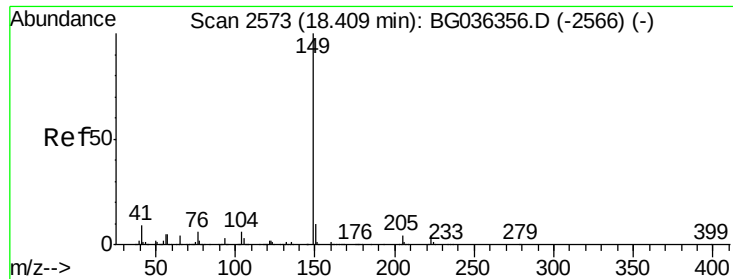
Tgt Ion:178 Resp: 1073272
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.4 23.2
 179 17.2 13.0 19.4



#72
 Carbazole
 Concen: 42.991 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Tgt Ion:167 Resp: 949028
 Ion Ratio Lower Upper
 167 100
 166 24.3 19.5 29.3
 139 13.3 10.7 16.1





#73

Di-n-butylphthalate

Concen: 44.252 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Instrument :

BNA_G

ClientSampleId :

PB112641BS

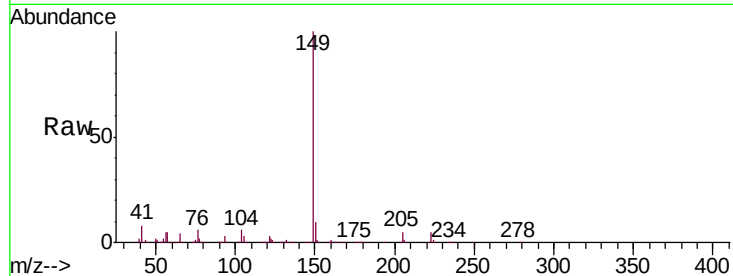
Tgt Ion:149 Resp: 1087813

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

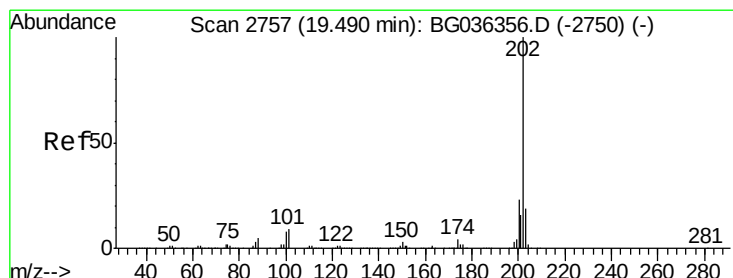
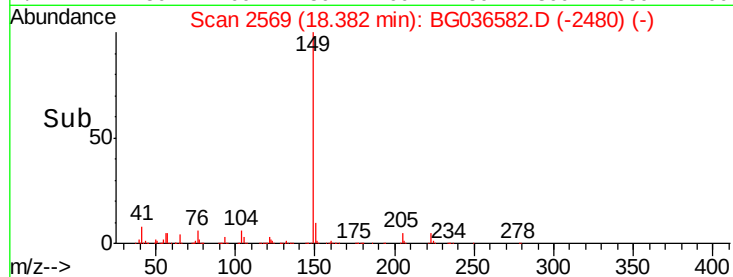
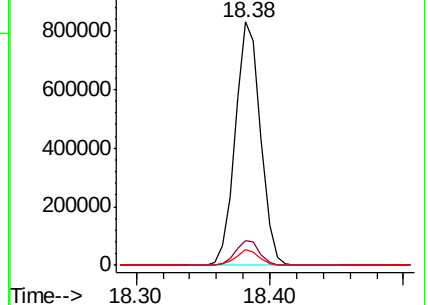
104 6.3 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.591 ng

RT: 19.47 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

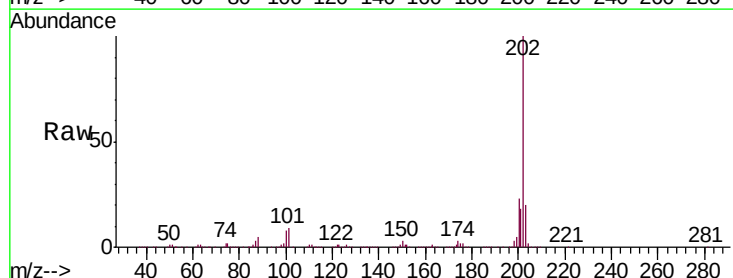
Tgt Ion:202 Resp: 1286661

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.4

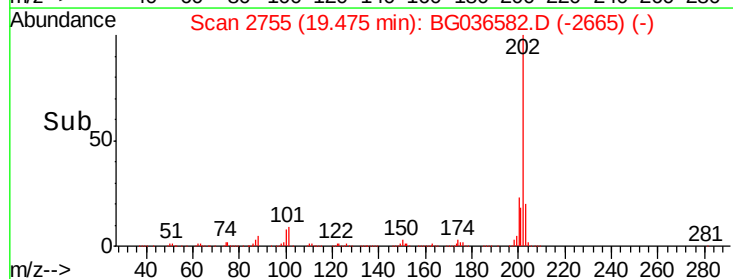
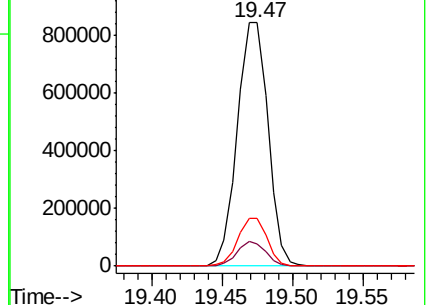
203 19.8 0.0 38.9

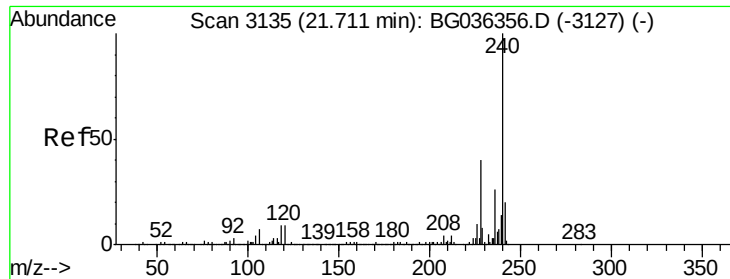


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

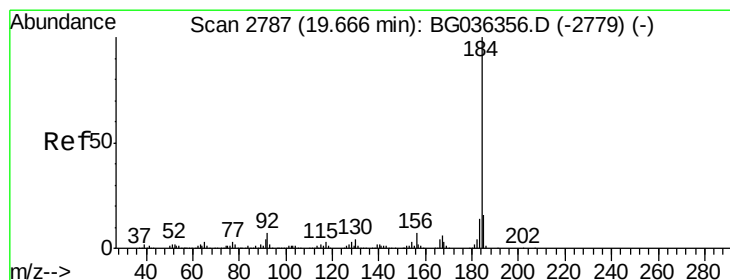
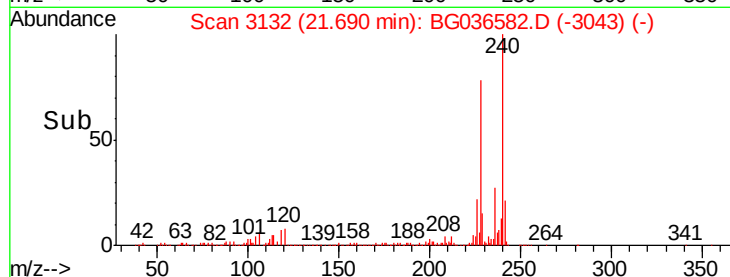
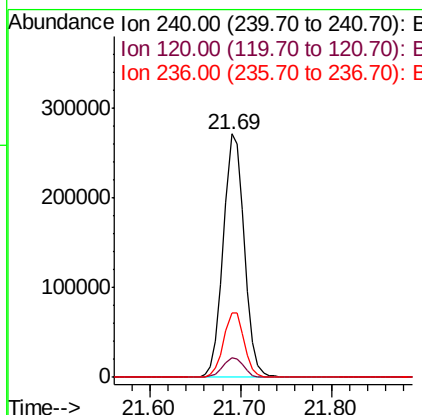
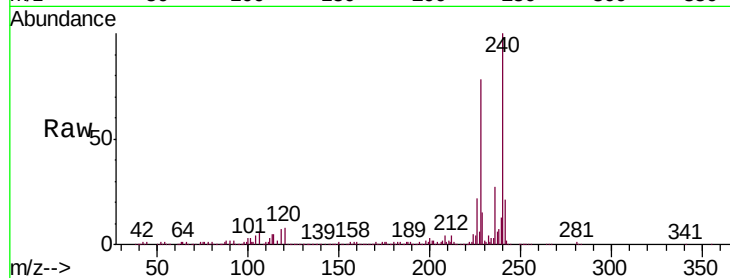




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

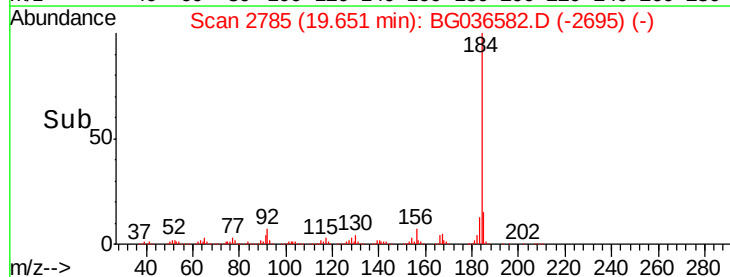
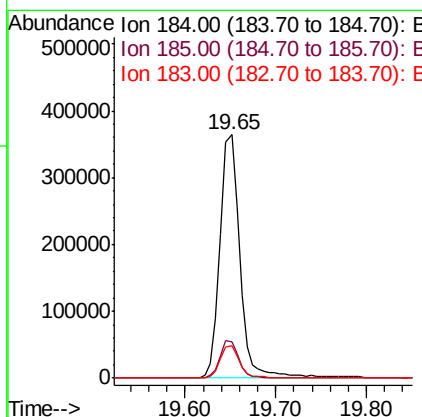
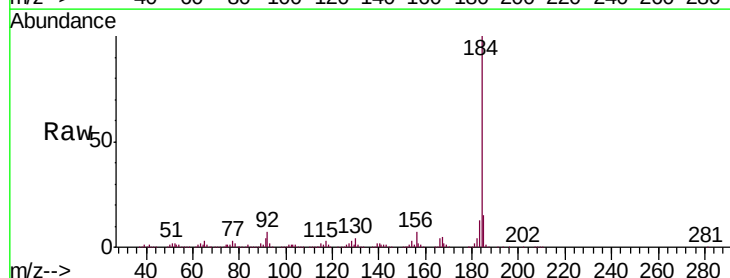
Instrument :
BNA_G
ClientSampleId :
PB112641BS

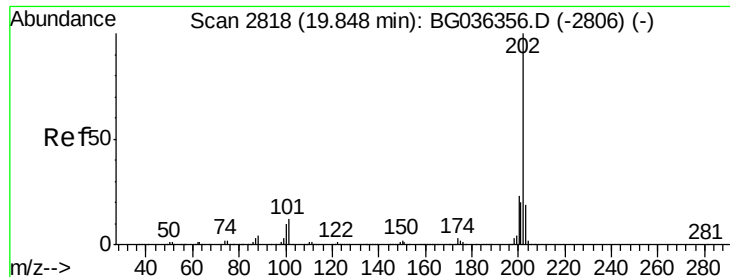
Tgt Ion:240 Resp: 435500
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 26.7 21.2 31.8



#76
Benzidine
Concen: 40.059 ng
RT: 19.65 min Scan# 2785
Delta R.T. 0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion:184 Resp: 556597
Ion Ratio Lower Upper
184 100
185 15.0 12.6 18.8
183 13.3 10.9 16.3

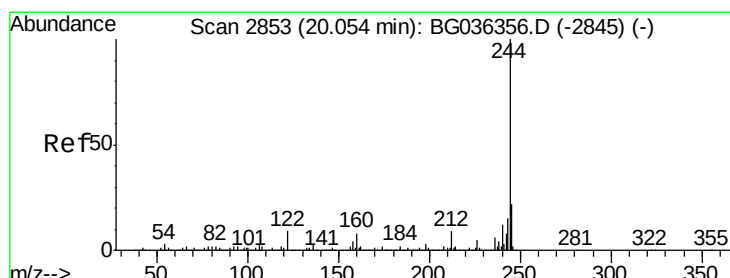
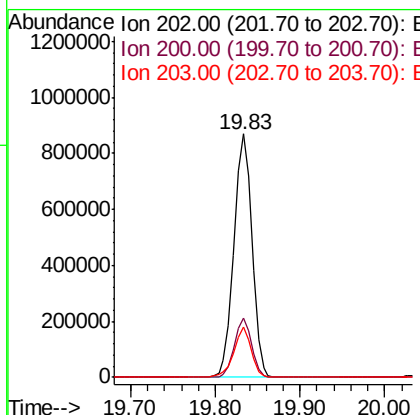
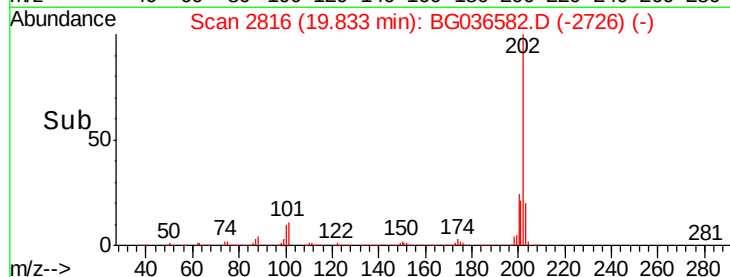
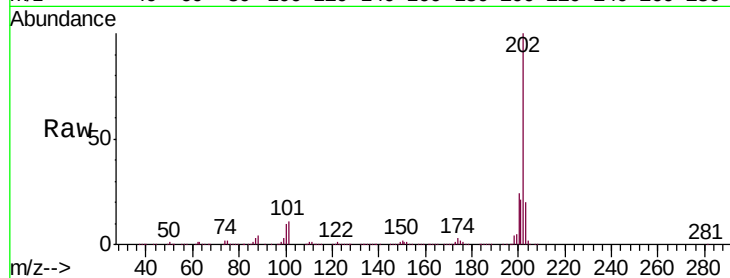




#77
 Pyrene
 Concen: 47.265 ng
 RT: 19.83 min Scan# 2816
 Delta R.T. 0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

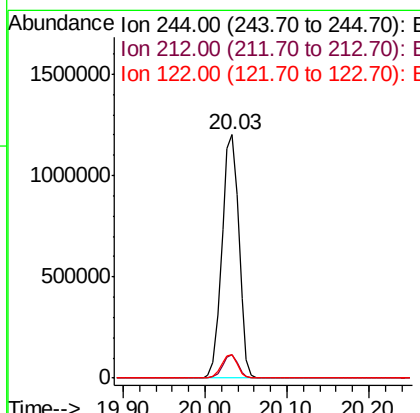
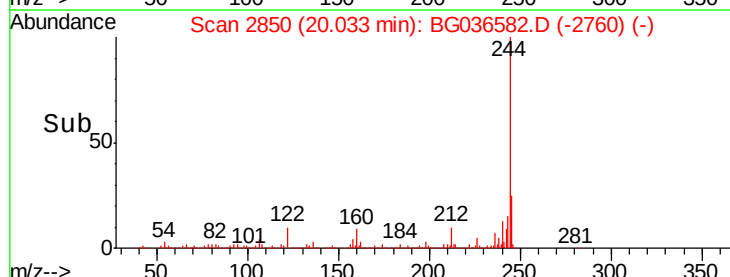
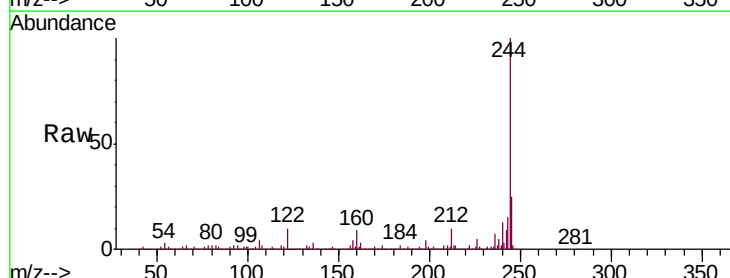
Instrument :
 BNA_G
 ClientSampleId :
 PB112641BS

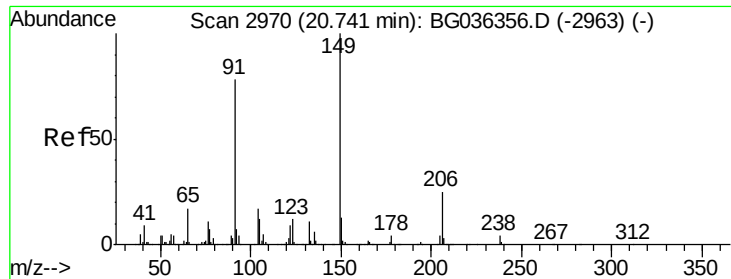
Tgt Ion:202 Resp: 1265788
 Ion Ratio Lower Upper
 202 100
 200 24.4 18.3 27.5
 203 20.5 15.1 22.7



#78
 Terphenyl-d14
 Concen: 92.909 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Tgt Ion:244 Resp: 1731104
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.0 10.6
 122 9.7 7.1 10.7

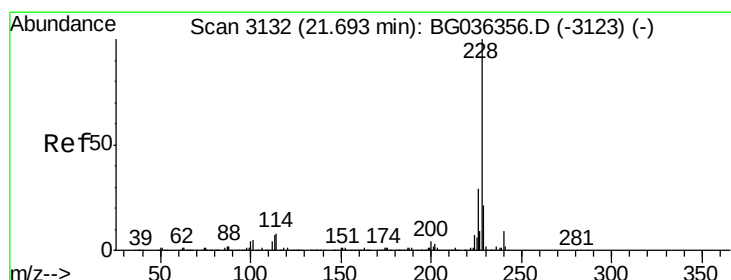
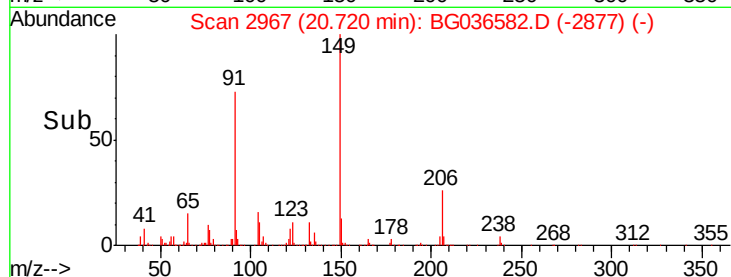
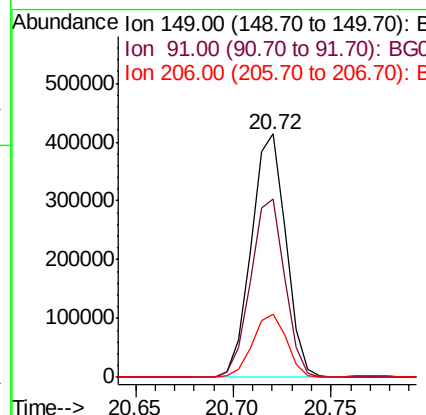
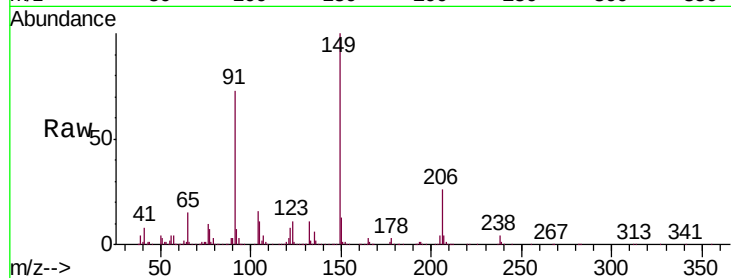




#79
Butylbenzylphthalate
Concen: 47.575 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

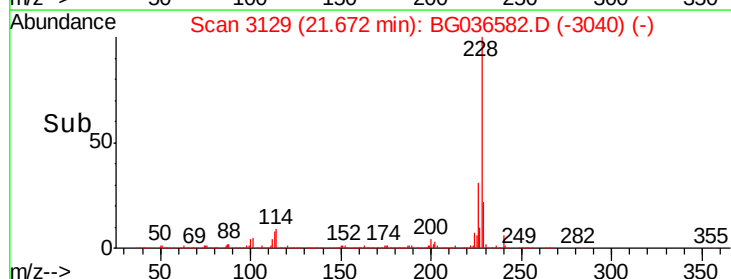
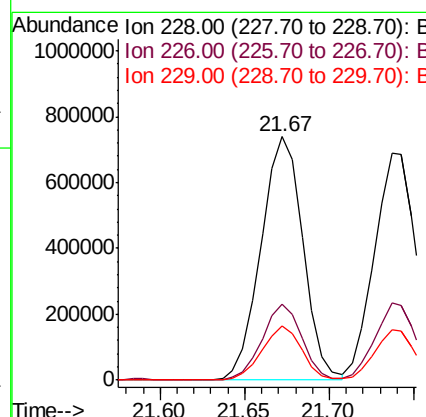
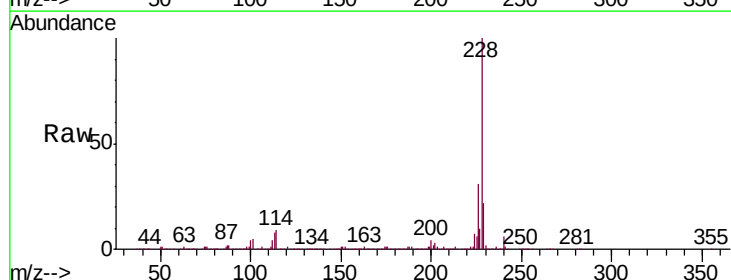
Instrument :
BNA_G
ClientSampleId :
PB112641BS

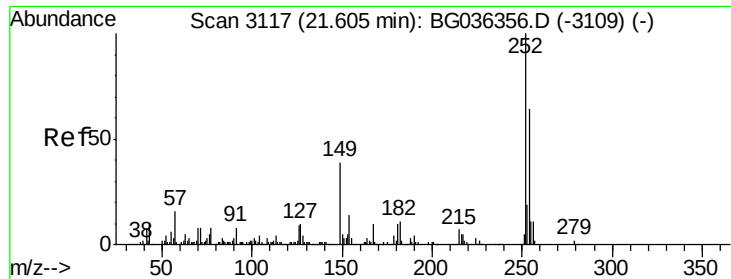
Tgt Ion:149 Resp: 507054
Ion Ratio Lower Upper
149 100
91 73.1 62.0 93.0
206 26.0 19.6 29.4



#80
Benzo(a)anthracene
Concen: 48.459 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG036582.D
Acq: 6 Sep 2018 23:23

Tgt Ion:228 Resp: 1278503
Ion Ratio Lower Upper
228 100
226 30.9 23.4 35.2
229 22.2 17.1 25.7

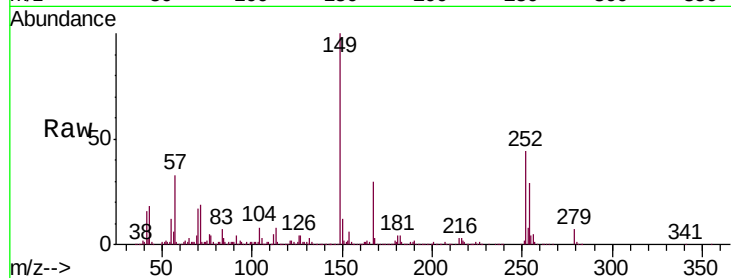




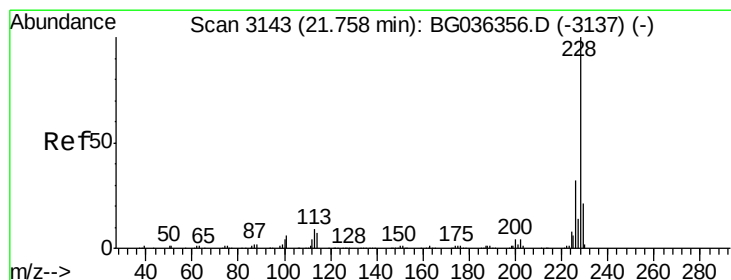
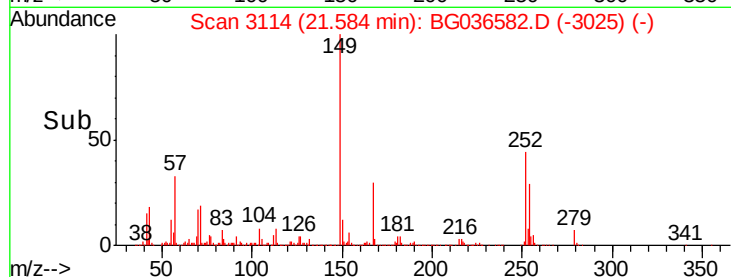
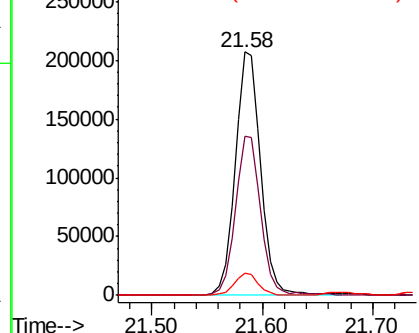
#81
 3,3'-Dichlorobenzidine
 Concen: 31.810 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Instrument :
 BNA_G
 ClientSampleId :
 PB112641BS

Tgt Ion:252 Resp: 334474
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.0 76.4
 126 9.2 7.4 11.0

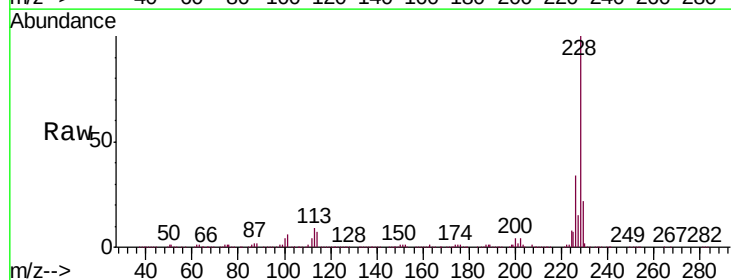


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

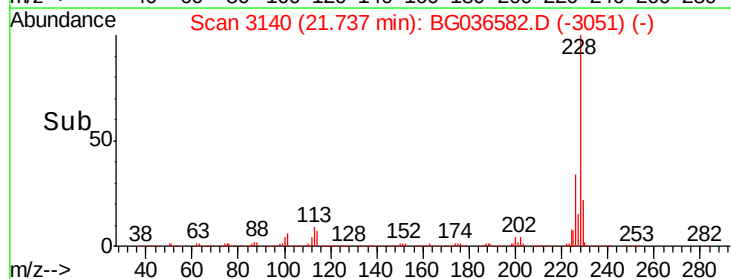
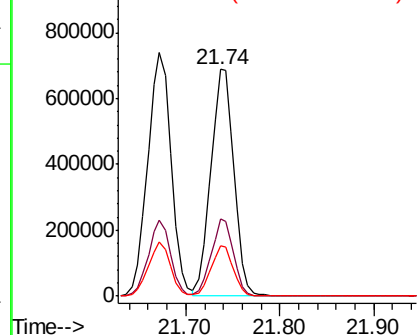


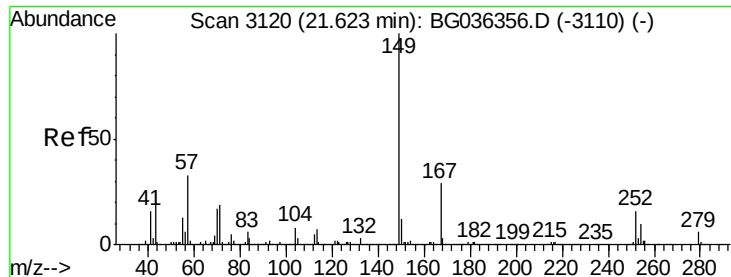
#82
 Chrysene
 Concen: 47.473 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Tgt Ion:228 Resp: 1187186
 Ion Ratio Lower Upper
 228 100
 226 34.1 25.5 38.3
 229 22.3 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: 46.074 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Instrument :

BNA_G

ClientSampleId :

PB112641BS

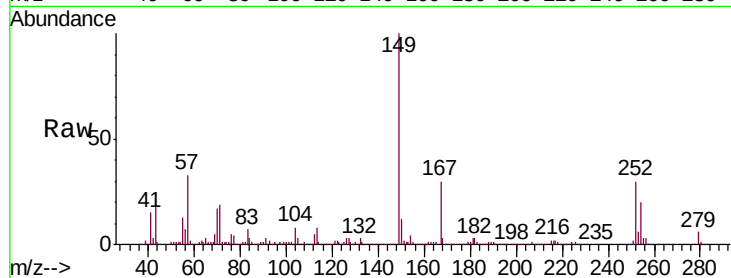
Tgt Ion:149 Resp: 687152

Ion Ratio Lower Upper

149 100

167 29.9 23.4 35.0

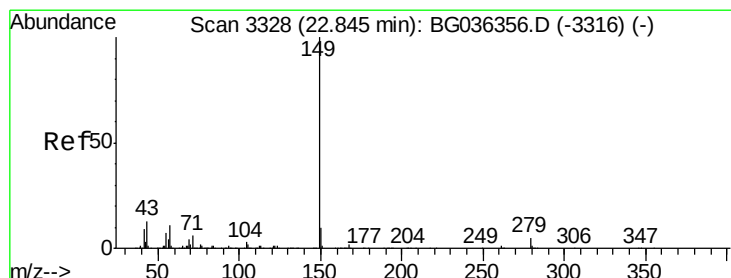
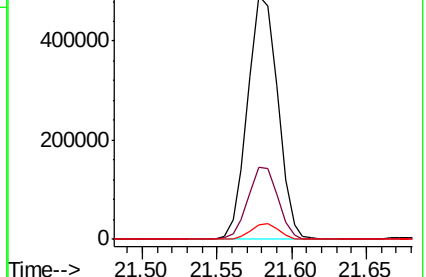
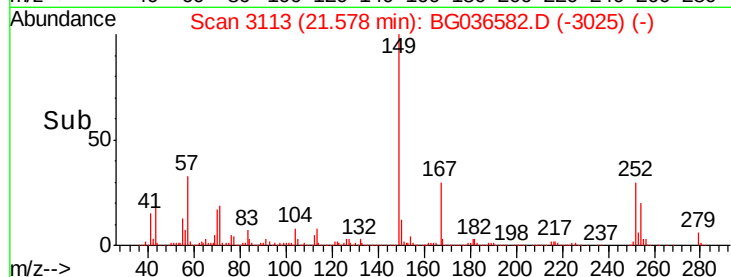
279 5.8 4.6 7.0



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: 47.148 ng

RT: 22.79 min Scan# 3320

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

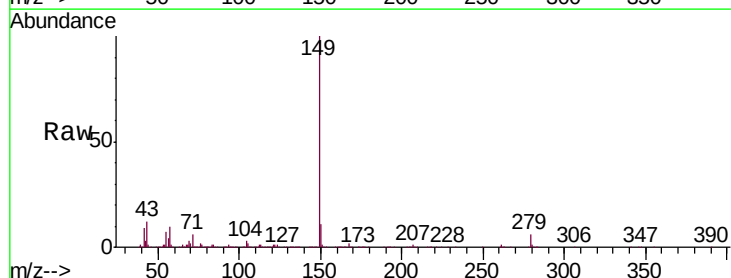
Tgt Ion:149 Resp: 1174521

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

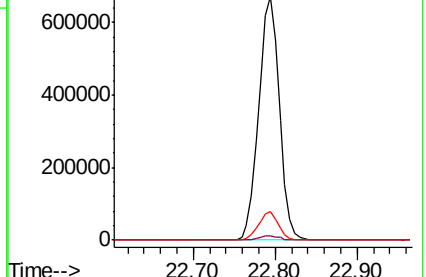
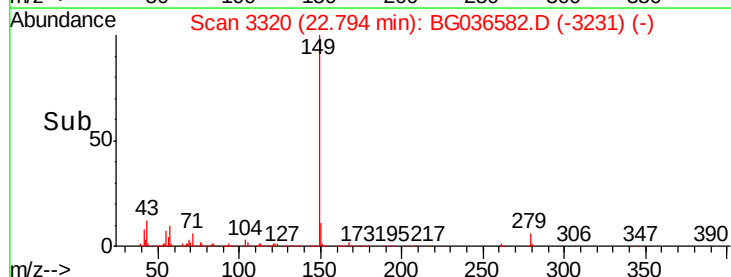
43 11.2 10.0 15.0

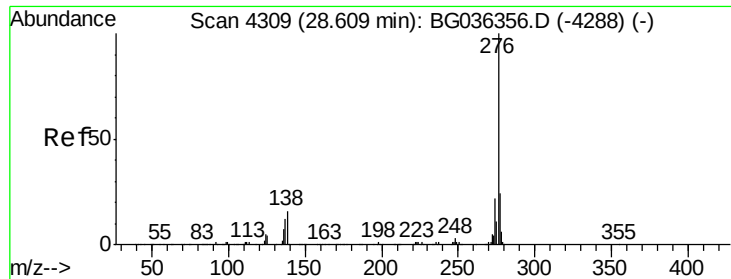


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

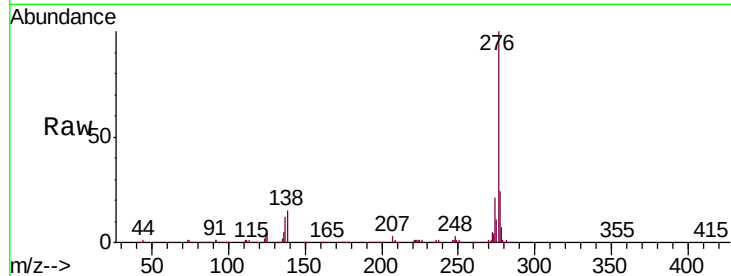




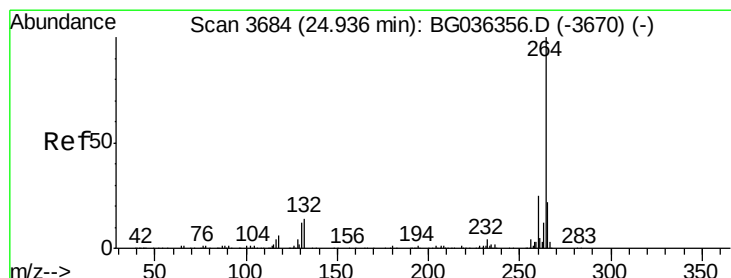
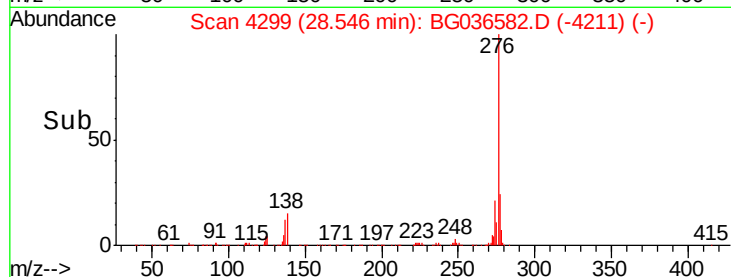
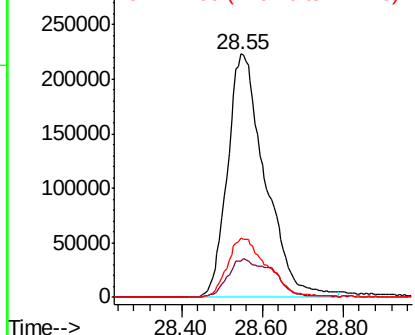
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.941 ng
 RT: 28.55 min Scan# 4299
 Delta R.T. -0.01 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Instrument :
 BNA_G
 ClientSampleId :
 PB112641BS

Tgt Ion:276 Resp: 1450599
 Ion Ratio Lower Upper
 276 100
 138 19.0 10.6 15.8#
 277 25.6 20.6 30.8

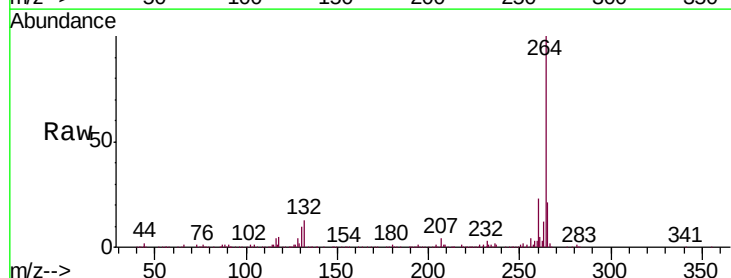


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

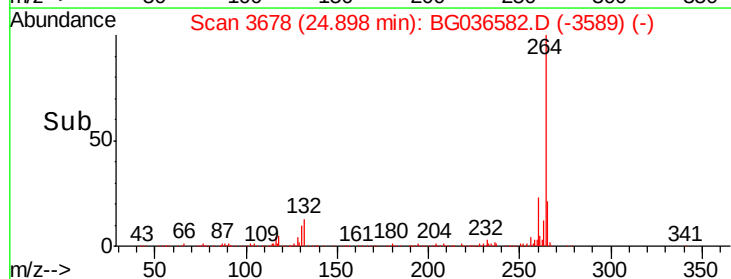
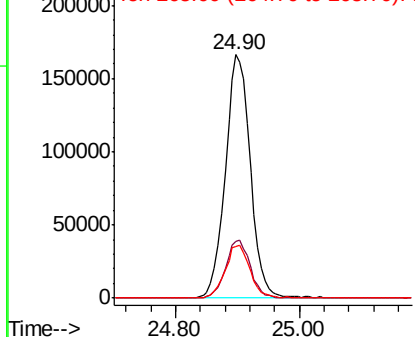


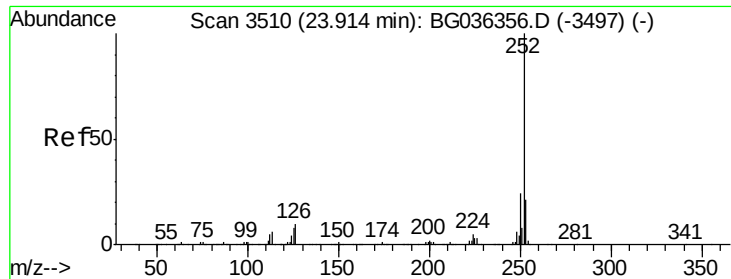
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BG036582.D
 Acq: 6 Sep 2018 23:23

Tgt Ion:264 Resp: 466530
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 21.1 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: 50.069 ng

RT: 23.89 min Scan# 3506

Delta R.T. 0.00 min

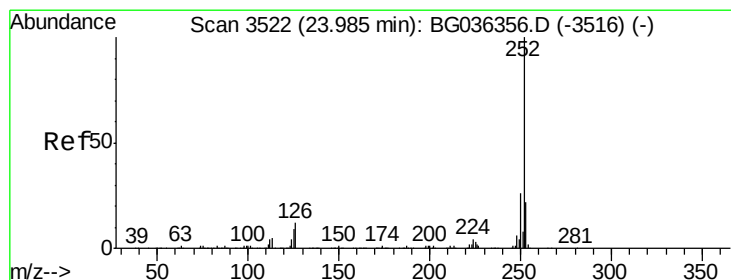
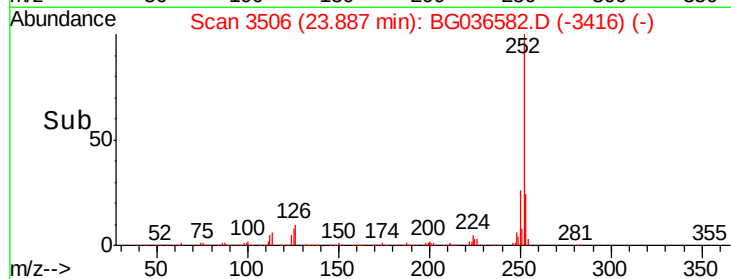
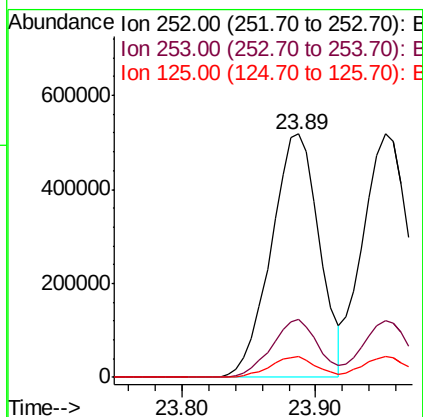
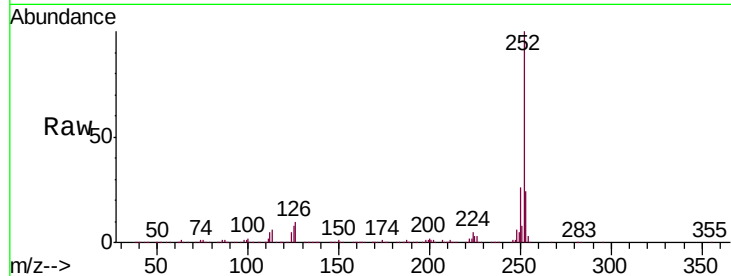
Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Instrument :
BNA_G
ClientSampleId :
PB112641BS

Tgt Ion:252 Resp: 1297121

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	8.3	6.6	10.0



#88

Benzo(k)fluoranthene

Concen: 48.961 ng

RT: 23.95 min Scan# 3517

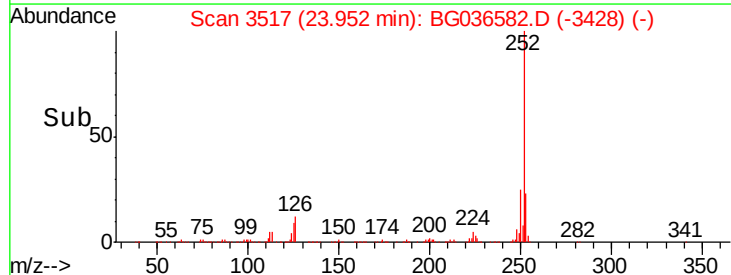
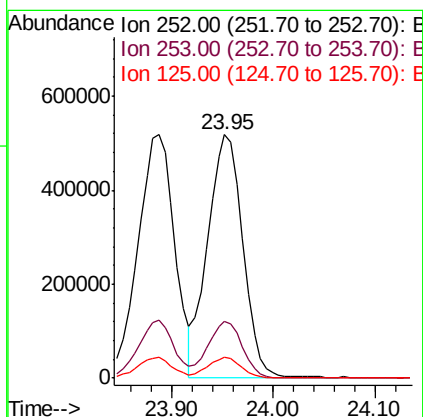
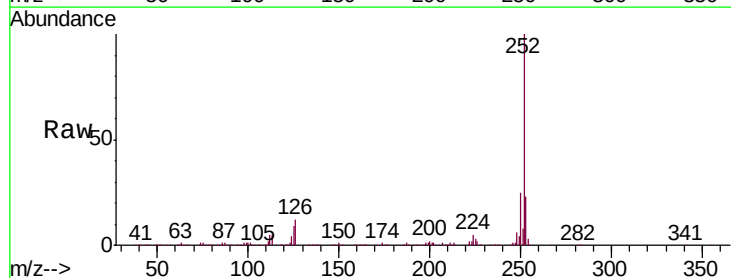
Delta R.T. -0.00 min

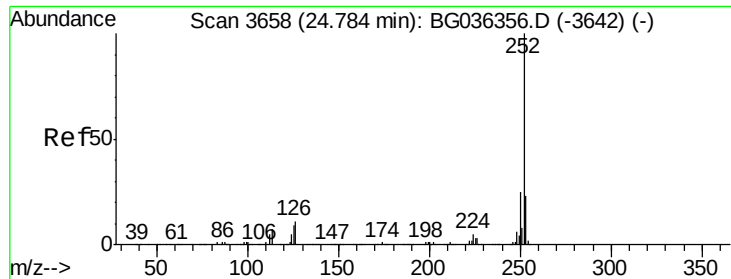
Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Tgt Ion:252 Resp: 1239167

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	8.8	7.0	10.6





#89

Benzo(a)pyrene

Concen: 50.546 ng

RT: 24.75 min Scan# 3653

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

Instrument :

BNA_G

ClientSampleId :

PB112641BS

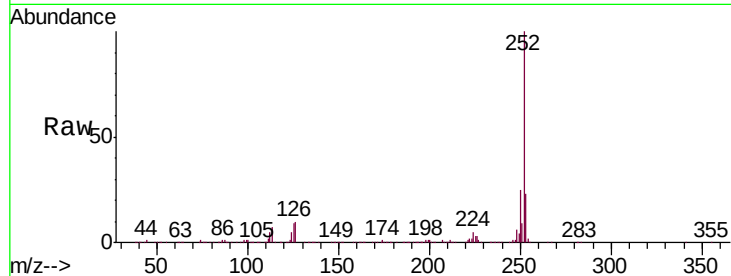
Tgt Ion:252 Resp: 1258310

Ion Ratio Lower Upper

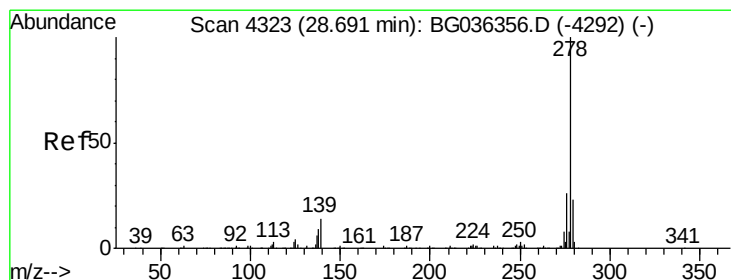
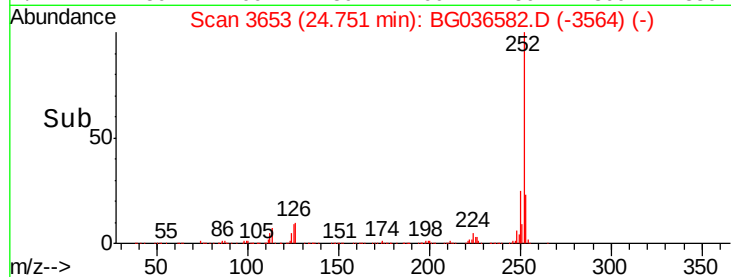
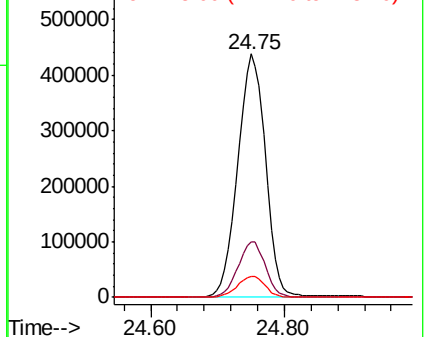
252 100

253 22.8 18.2 27.2

125 8.8 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.919 ng

RT: 28.62 min Scan# 4312

Delta R.T. -0.00 min

Lab File: BG036582.D

Acq: 6 Sep 2018 23:23

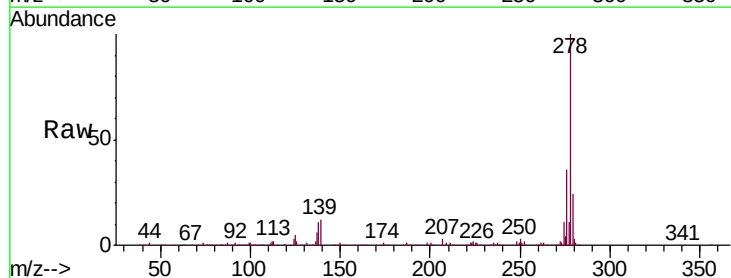
Tgt Ion:278 Resp: 1175662

Ion Ratio Lower Upper

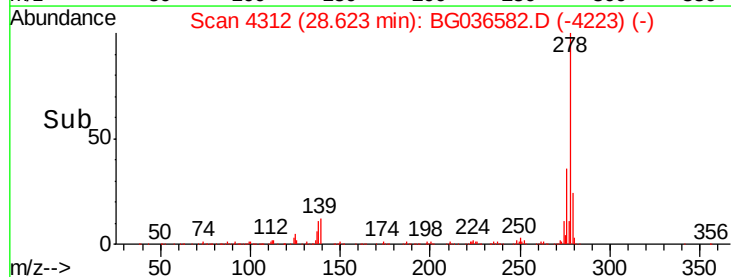
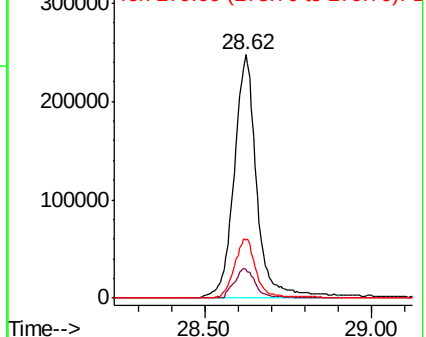
278 100

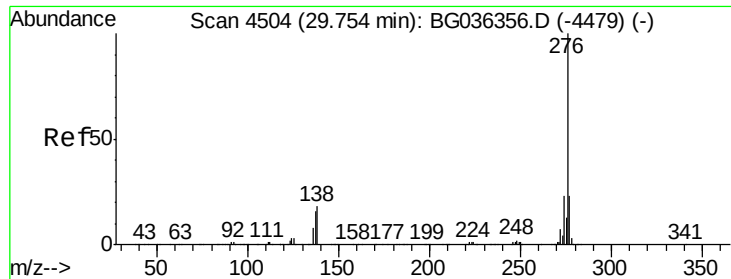
139 11.9 11.0 16.4

279 24.1 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: 49.166 ng

RT: 29.70 min Scan# 4496

Delta R.T. 0.01 min

Lab File: BG036582.D

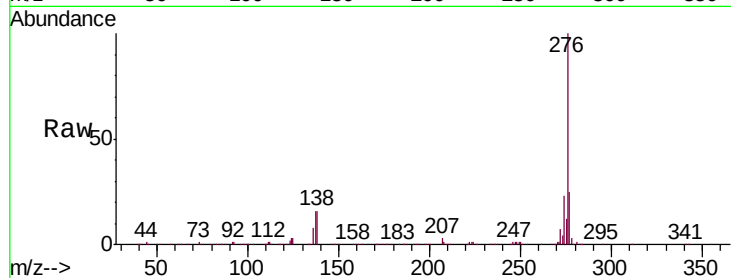
Acq: 6 Sep 2018 23:23

Instrument :

BNA_G

ClientSampleId :

PB112641BS



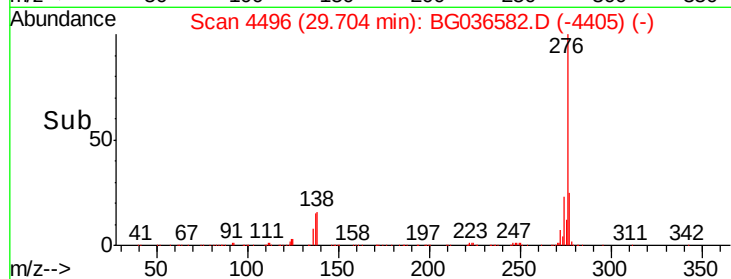
Tgt Ion: 276 Resp: 1187403

Ion Ratio Lower Upper

276 100

277 24.6 18.4 27.6

138 16.0 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

