

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037359.D
 Acq On : 16 Oct 2018 14:54
 Operator : JU/SJ
 Sample : PB113868BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 16:47:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52685	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	254751	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	175648	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	430901	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	402038	20.00	ng	-0.02
87) Perylene-d12	25.12	264	415533	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	486669	162.57	ng	0.00
7) Phenol-d6	7.25	99	689038	151.64	ng	0.00
23) Nitrobenzene-d5	9.29	82	345719	89.22	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	261845	152.00	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	882556	75.46	ng	-0.01
79) Terphenyl-d14	20.09	244	1180907	61.68	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	56097	33.365	ng	96
3) Pyridine	3.93	79	147225	36.881	ng	92
4) n-Nitrosodimethylamine	3.85	42	64377	41.528	ng	89
6) Aniline	7.44	93	220360	37.047	ng	96
8) 2-Chlorophenol	7.67	128	174664	49.852	ng	98
9) Benzaldehyde	7.25	77	91247	29.167	ng	94
10) Phenol	7.28	94	237815	49.694	ng	97
11) bis(2-Chloroethyl)ether	7.53	93	158988	40.666	ng	95
12) 1,3-Dichlorobenzene	8.00	146	165292	40.131	ng	99
13) 1,4-Dichlorobenzene	8.15	146	170777	40.953	ng	99
14) 1,2-Dichlorobenzene	8.46	146	162206	40.142	ng	98
15) Benzyl Alcohol	8.35	79	158002	44.455	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	287455	37.192	ng	98
17) 2-Methylphenol	8.54	107	160148	49.967	ng	99
18) Hexachloroethane	9.20	117	57917	40.692	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	133739	38.876	ng	96
20) 3+4-Methylphenols	8.87	107	225815	50.389	ng	98
22) Acetophenone	8.94	105	256561	39.952	ng	97
24) Nitrobenzene	9.33	77	192846	46.466	ng	96
25) Isophorone	9.85	82	392958	44.424	ng	97
26) 2-Nitrophenol	10.05	139	87394	54.447	ng	99
27) 2,4-Dimethylphenol	10.09	122	194868	52.705	ng	94
28) bis(2-Chloroethoxy)methane	10.33	93	237788	42.967	ng	97
29) 2,4-Dichlorophenol	10.57	162	189553	50.505	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	177934	38.960	ng	99
31) Naphthalene	10.99	128	538940	43.531	ng	100
32) Benzoic acid	10.21	122	121848	59.683	ng	99
33) 4-Chloroaniline	11.10	127	157449	27.110	ng	94
34) Hexachlorobutadiene	11.25	225	102752	36.229	ng	96
35) Caprolactam	11.88	113	47135	30.806	ng	94
36) 4-Chloro-3-methylphenol	12.20	107	212509	47.943	ng	98
37) 2-Methylnaphthalene	12.58	142	415738	46.013	ng	98
38) 1-Methylnaphthalene	12.80	142	395340	44.800	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	210671	37.036	ng	99

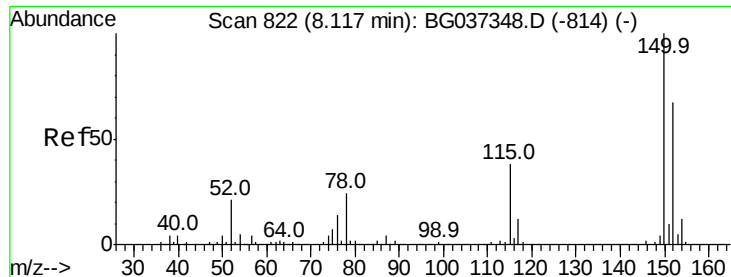
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
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 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	244887	104.430	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	161471	48.933	ng	98
44) 2,4,5-Trichlorophenol	13.25	196	181886	51.230	ng	98
46) 1,1'-Biphenyl	13.58	154	548265	37.945	ng	99
47) 2-Chloronaphthalene	13.63	162	430447	39.439	ng	99
48) 2-Nitroaniline	13.83	65	141137	47.761	ng	93
49) Acenaphthylene	14.48	152	727735	43.588	ng	99
50) Dimethylphthalate	14.20	163	589481	42.705	ng	99
51) 2,6-Dinitrotoluene	14.32	165	128028	47.774	ng	94
52) Acenaphthene	14.81	154	421834	40.904	ng	98
53) 3-Nitroaniline	14.66	138	107218	37.124	ng	# 96
54) 2,4-Dinitrophenol	14.86	184	92358	133.713	ng	97
55) Dibenzofuran	15.15	168	680543	40.668	ng	99
56) 4-Nitrophenol	14.95	139	234278	104.065	ng	97
57) 2,4-Dinitrotoluene	15.10	165	179134	52.255	ng	98
58) Fluorene	15.79	166	555598	43.901	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	160381	51.022	ng	99
60) Diethylphthalate	15.55	149	598465	41.835	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	290831	39.314	ng	99
62) 4-Nitroaniline	15.82	138	147971	48.813	ng	92
63) Azobenzene	16.07	77	559341	40.781	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	78692	57.063	ng	98
66) n-Nitrosodiphenylamine	16.00	169	520056	41.097	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	188127	40.453	ng	97
68) Hexachlorobenzene	16.78	284	189003	39.198	ng	99
69) Atrazine	16.94	200	203841	43.341	ng	98
70) Pentachlorophenol	17.13	266	238070	76.528	ng	96
71) Phenanthrene	17.54	178	939873	42.849	ng	99
72) Anthracene	17.62	178	954782	44.472	ng	97
73) Carbazole	17.89	167	890821	40.271	ng	99
74) Di-n-butylphthalate	18.44	149	1045343	44.090	ng	100
75) Fluoranthene	19.54	202	1127196	43.968	ng	98
77) Benzidine	19.72	184	557670	36.259	ng	99
78) Pyrene	19.90	202	1112920	42.474	ng	99
80) Butylbenzylphthalate	20.77	149	481491	47.230	ng	98
81) Benzo(a)anthracene	21.76	228	1045462	43.419	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	275895	29.704	ng	99
83) Chrysene	21.83	228	976340	42.508	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	660889	45.146	ng	98
85) Di-n-octyl phthalate	22.89	149	1109156	46.681	ng	98
86) Indeno(1,2,3-cd)pyrene	28.95	276	1141285	44.829	ng	# 90
88) Benzo(b)fluoranthene	24.05	252	1047956	46.387	ng	99
89) Benzo(k)fluoranthene	24.12	252	985473	44.206	ng	98
90) Benzo(a)pyrene	24.96	252	1003522	46.324	ng	98
91) Dibenzo(a,h)anthracene	29.04	278	919429	44.357	ng	97
92) Benzo(g,h,i)perylene	30.17	276	937530	45.287	ng	99

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

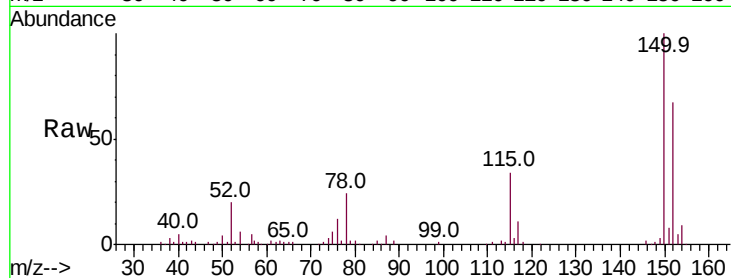


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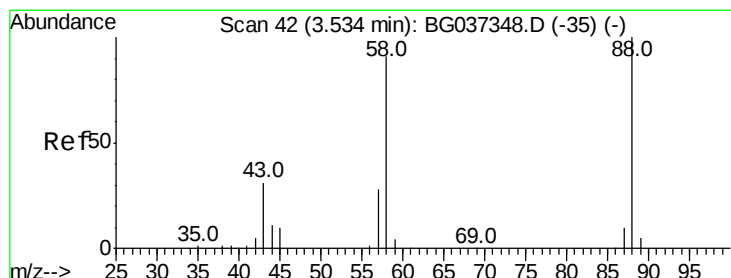
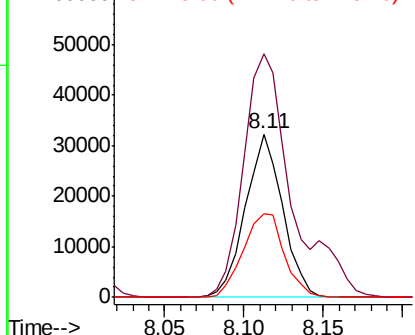
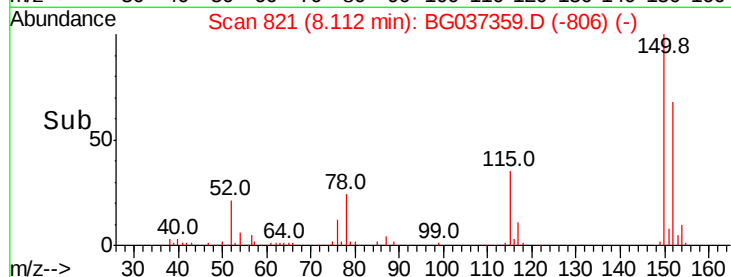
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 52685
Ion Ratio Lower Upper
152 100
150 149.3 126.0 189.0
115 51.1 45.5 68.3



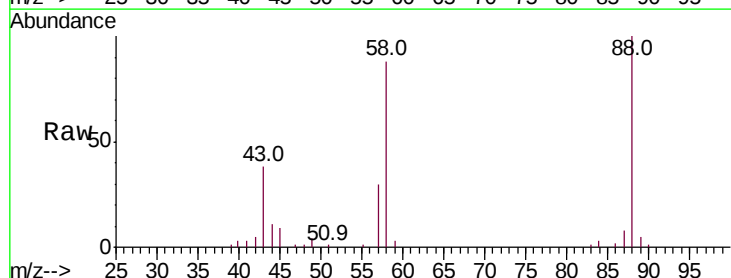
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



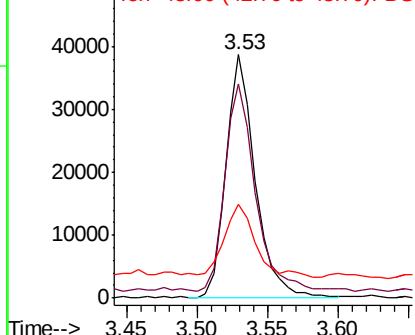
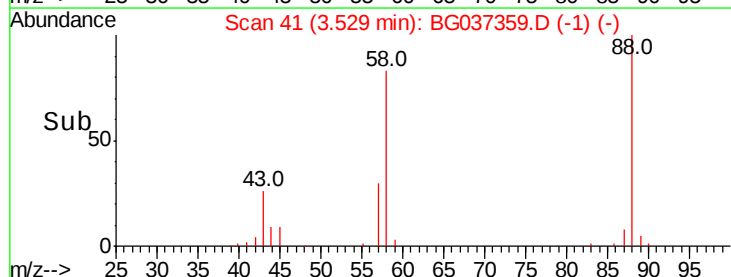
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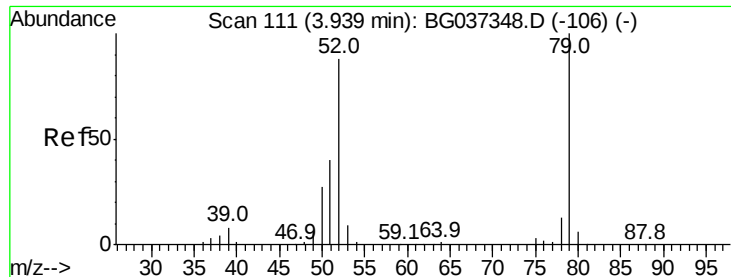
1,4-Dioxane
Concen: 33.365 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion: 88 Resp: 56097
Ion Ratio Lower Upper
88 100
58 88.3 74.4 111.6
43 32.3 25.8 38.8



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





#3

Pvridine

Concen: 36.881 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampled :

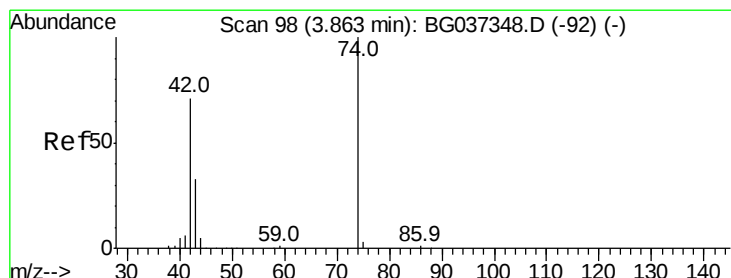
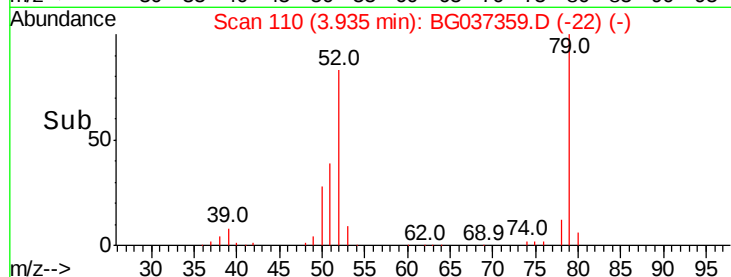
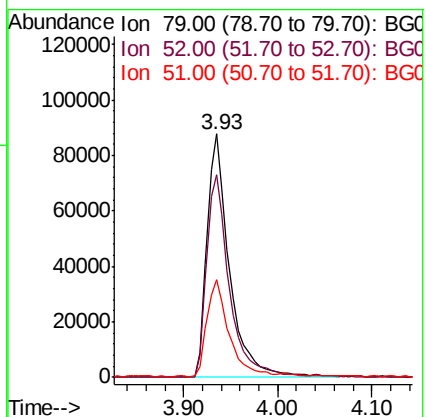
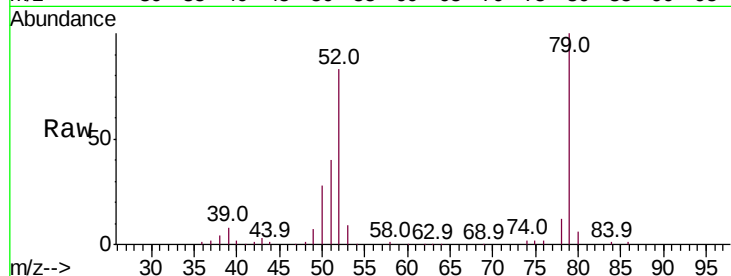
Tot Ion: 79 Resp: 147225

Ion Ratio Lower Upper

79 100

52 83.4 74.2 111.2

51 40.0 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 41.528 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

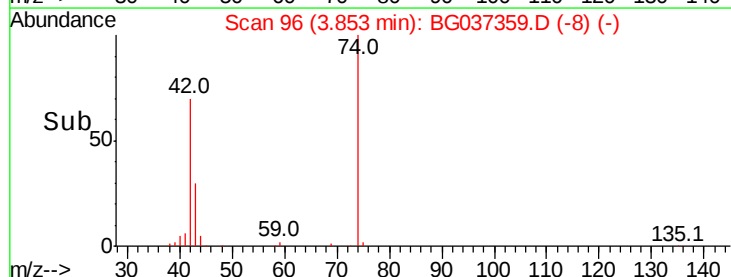
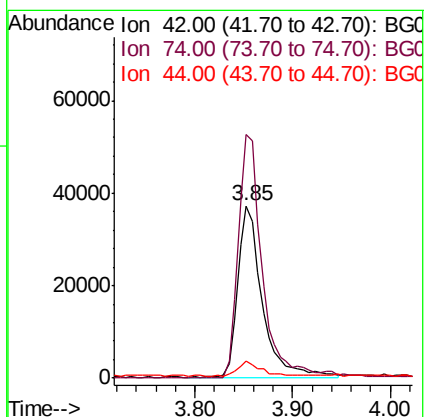
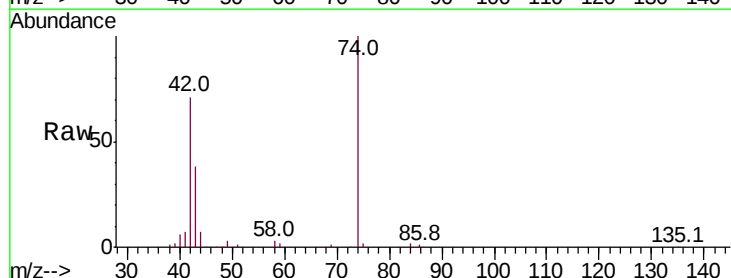
Tgt Ion: 42 Resp: 64377

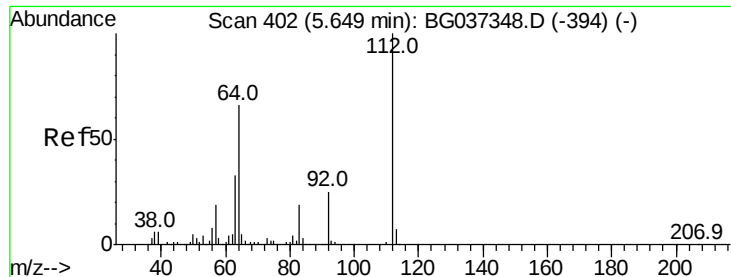
Ion Ratio Lower Upper

42 100

74 141.4 102.0 153.0

44 10.2 9.6 14.4





#5

2-Fluorophenol

Concen: 162.568 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

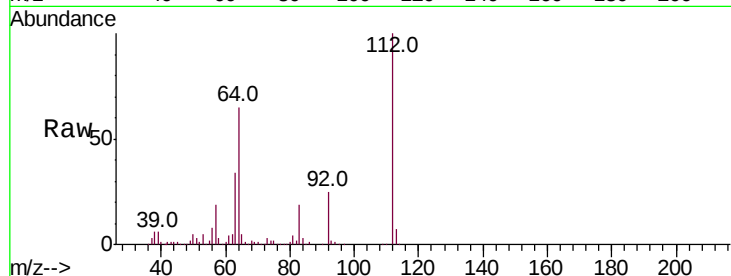
Tot Ion:112 Resp: 486669

Ion Ratio Lower Upper

112 100

64 65.4 53.1 79.7

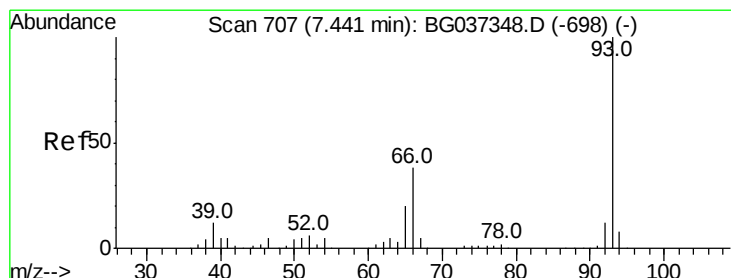
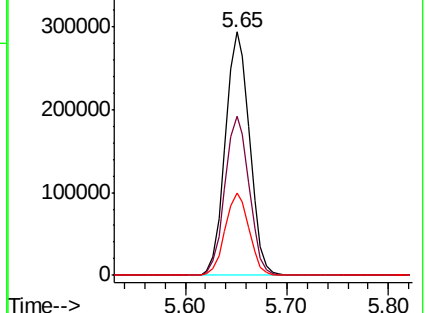
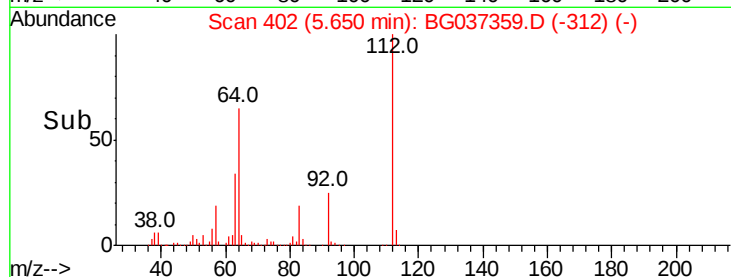
63 33.8 27.3 40.9



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: 37.047 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

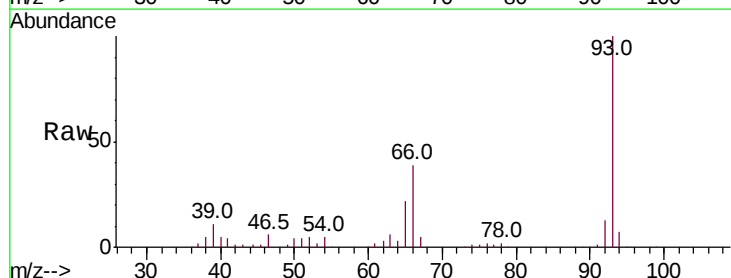
Tgt Ion: 93 Resp: 220360

Ion Ratio Lower Upper

93 100

66 38.6 32.8 49.2

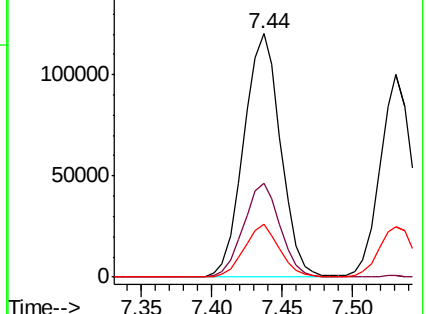
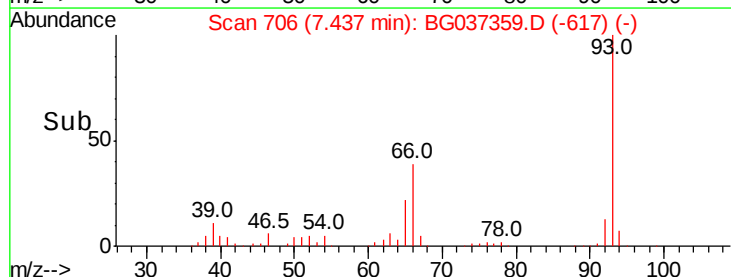
65 21.9 16.4 24.6

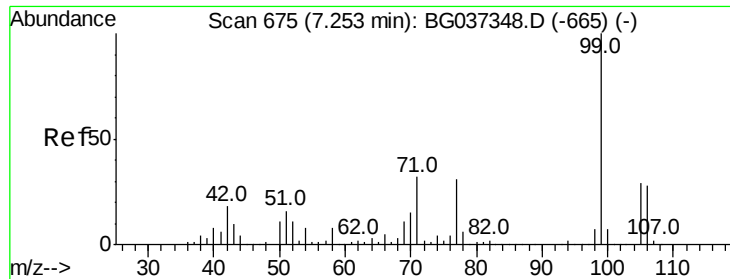


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.642 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampled :

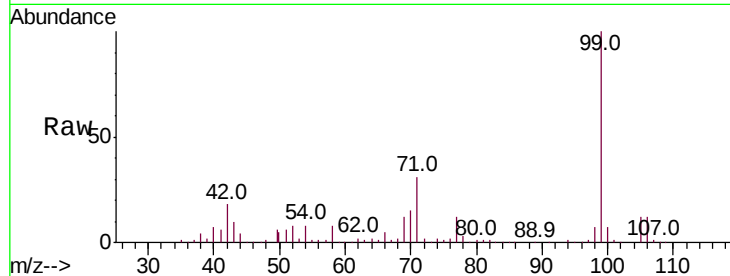
Tot Ion: 99 Resp: 689038

Ion Ratio Lower Upper

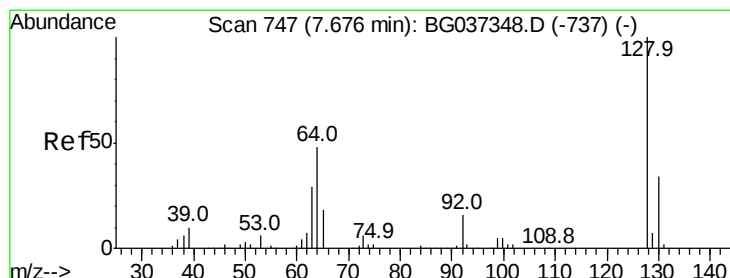
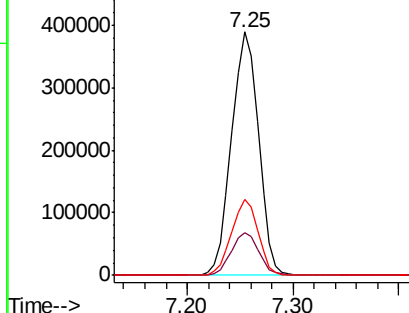
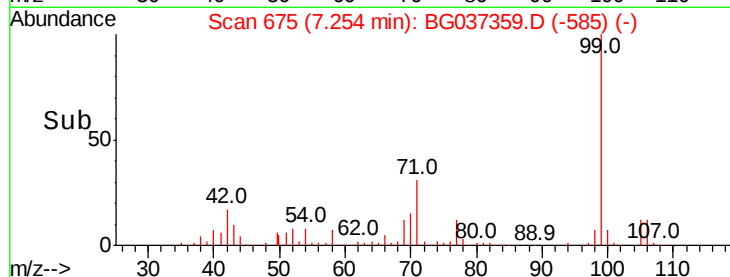
99 100

42 17.5 15.0 22.4

71 31.0 25.5 38.3



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: 49.852 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

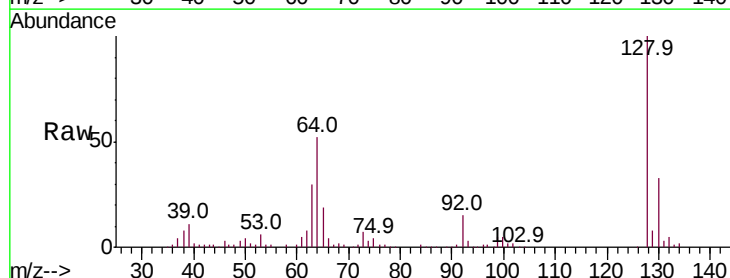
Tgt Ion: 128 Resp: 174664

Ion Ratio Lower Upper

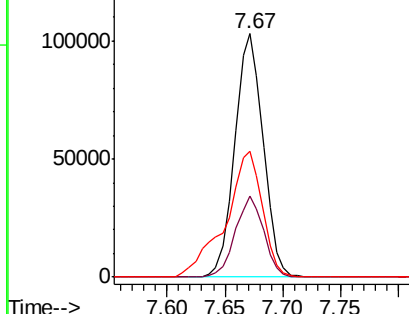
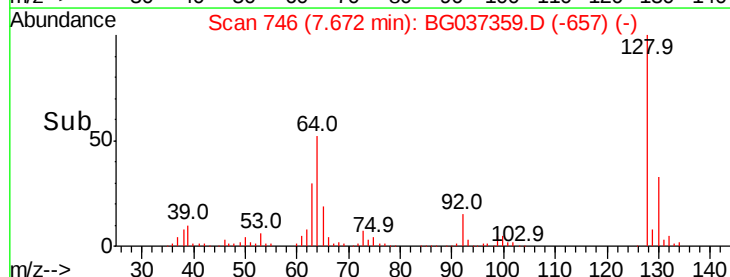
128 100

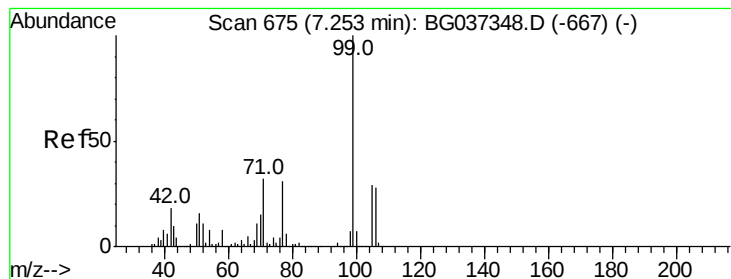
130 33.3 12.0 52.0

64 51.9 32.9 72.9



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: 29.167 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

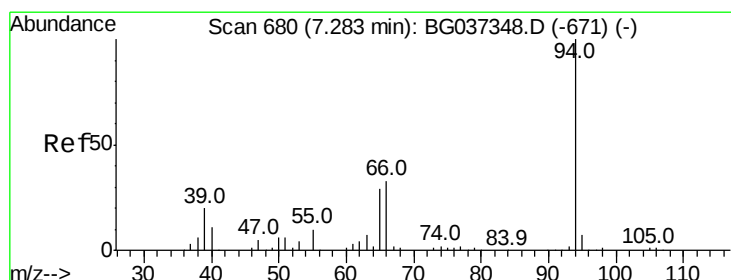
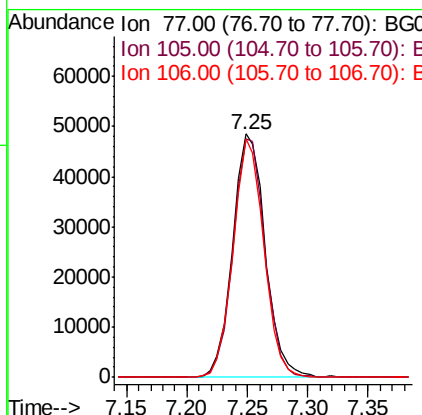
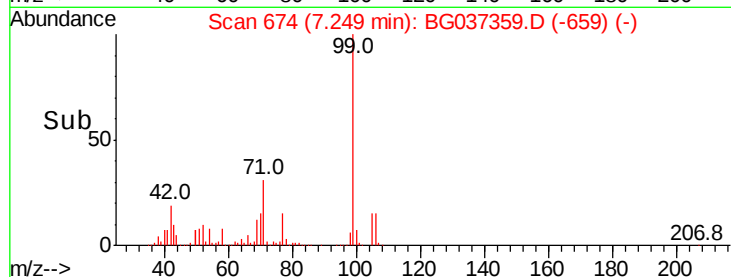
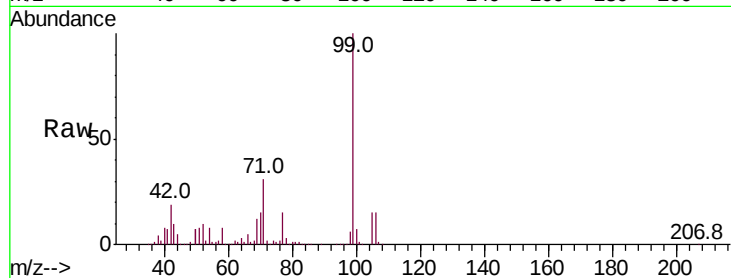
Tot Ion: 77 Resp: 91247

Ion Ratio Lower Upper

77 100

105 97.8 72.6 112.6

106 98.1 71.3 111.3



#10

Phenol

Concen: 49.694 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

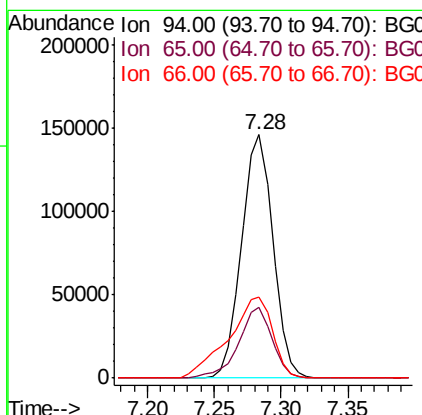
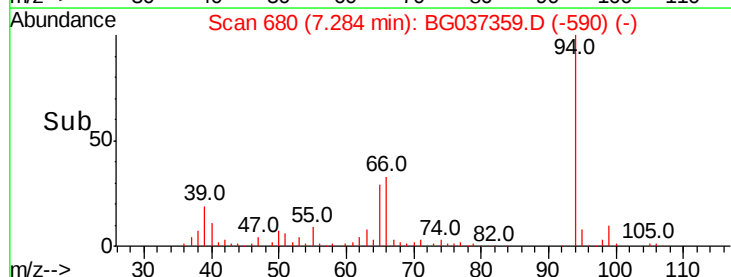
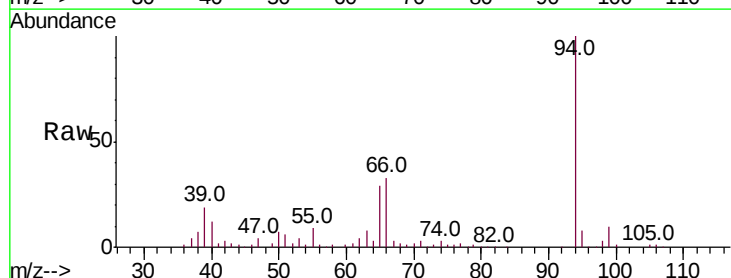
Tgt Ion: 94 Resp: 237815

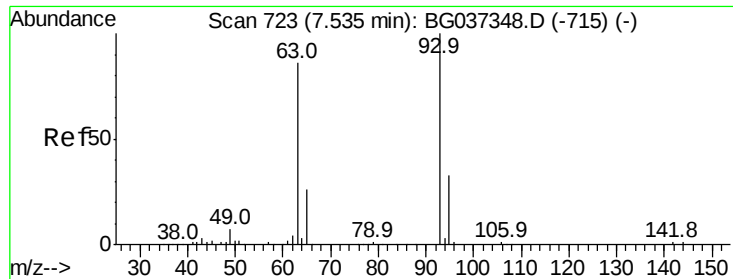
Ion Ratio Lower Upper

94 100

65 29.0 9.7 49.7

66 33.3 15.9 55.9

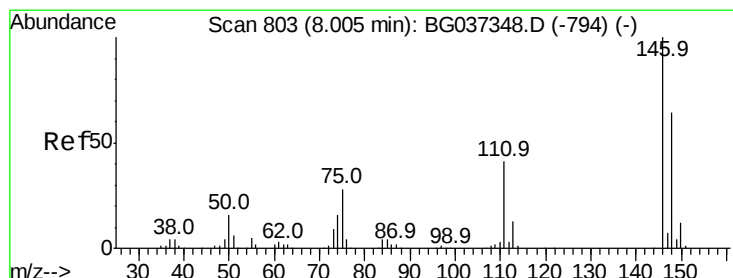
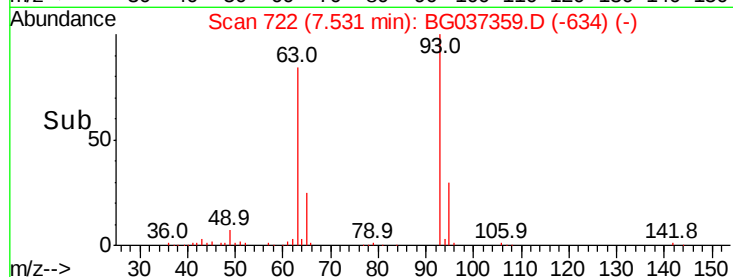
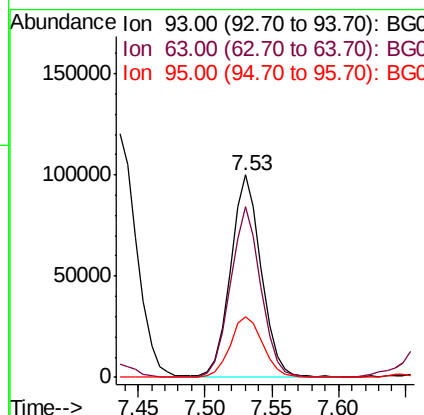
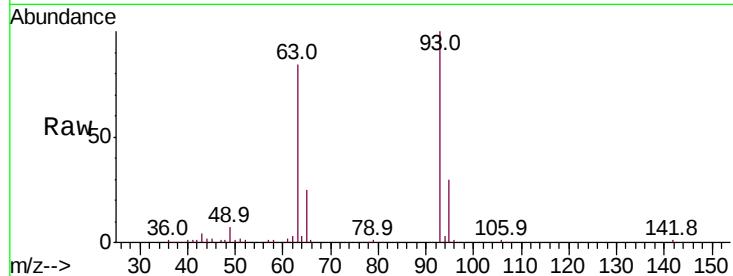




#11
bis(2-Chloroethyl)ether
Concen: 40.666 ng
RT: 7.53 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

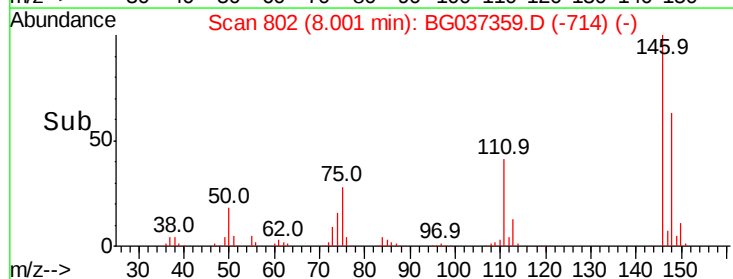
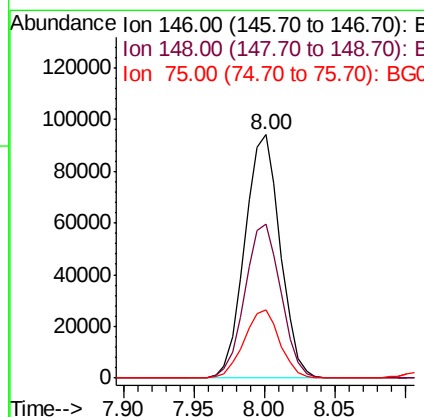
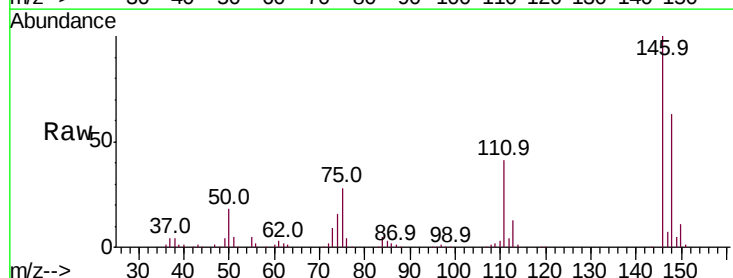
Instrument :
BNA_G
ClientSampleId :

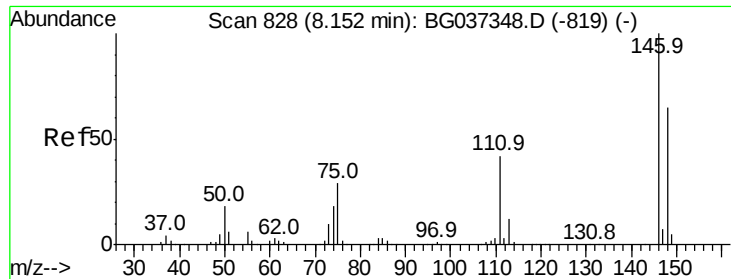
Tot Ion: 93 Resp: 158988
Ion Ratio Lower Upper
93 100
63 84.5 69.5 109.5
95 29.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.131 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion: 146 Resp: 165292
Ion Ratio Lower Upper
146 100
148 63.4 49.8 74.8
75 28.2 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 40.953 ng

RT: 8.15 min Scan# 827

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

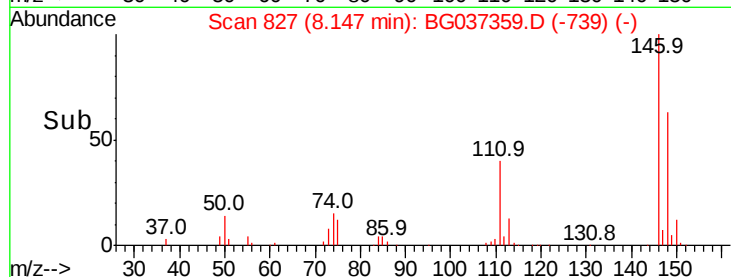
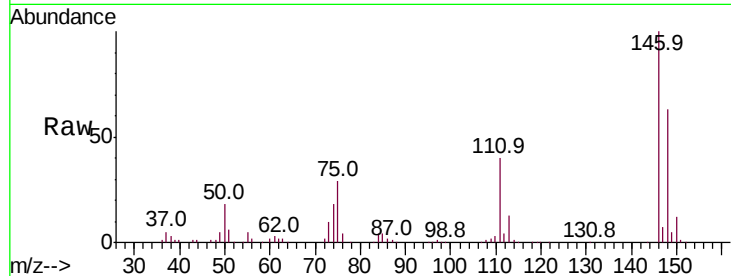
Tot Ion:146 Resp: 170777

Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.6

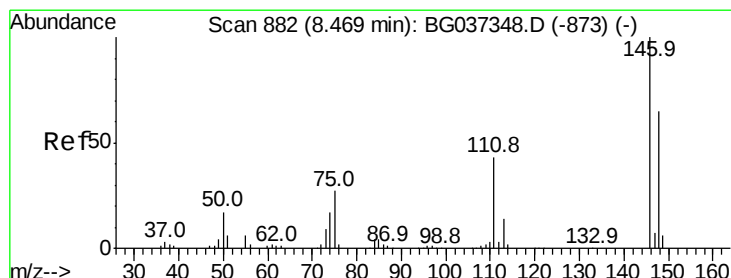
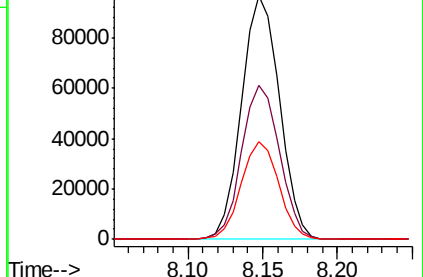
111 40.3 32.4 48.6



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: 40.142 ng

RT: 8.46 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

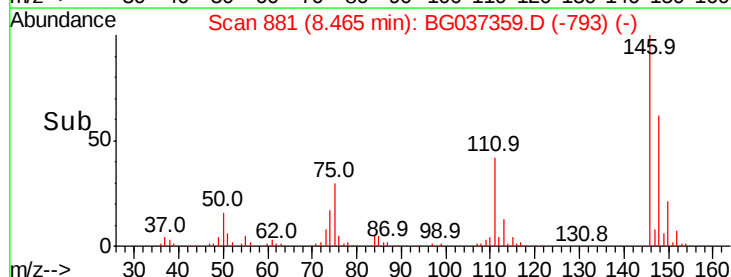
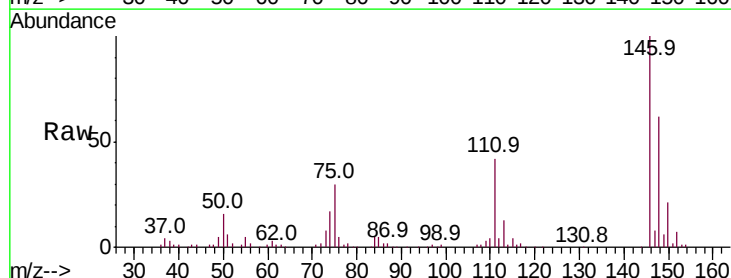
Tgt Ion:146 Resp: 162206

Ion Ratio Lower Upper

146 100

148 61.6 50.4 75.6

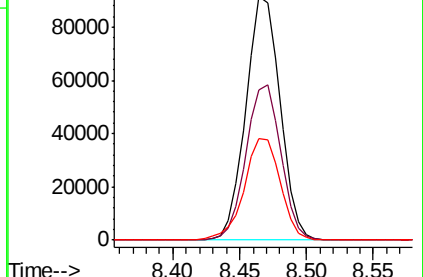
111 41.9 34.6 51.8

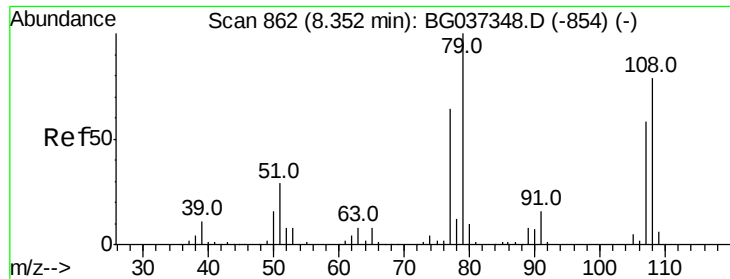


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.455 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampled :

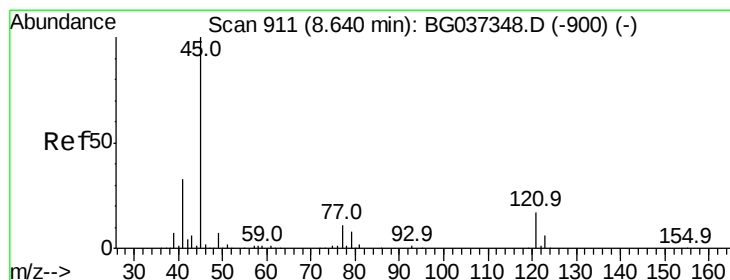
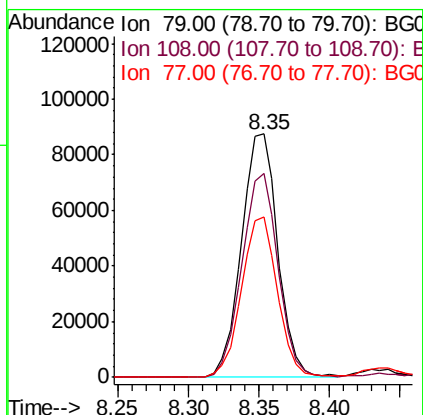
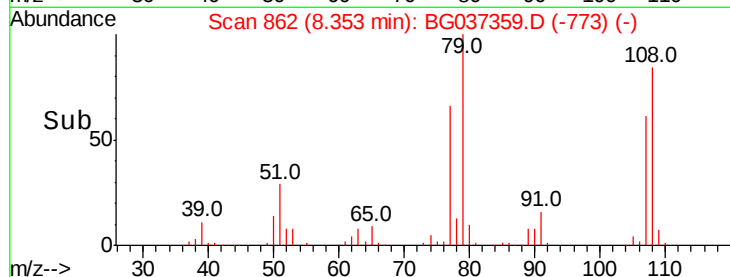
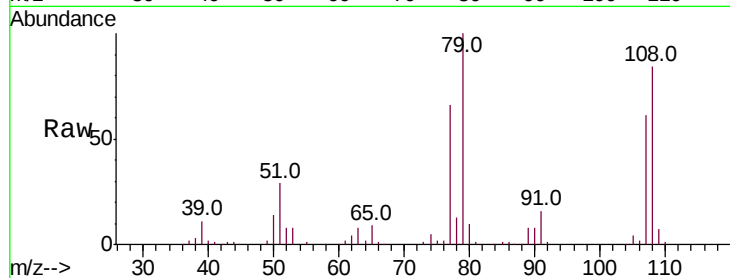
Tot Ion: 79 Resp: 158002

Ion Ratio Lower Upper

79 100

108 83.7 65.8 98.8

77 66.0 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.192 ng

RT: 8.64 min Scan# 910

Delta R.T. -0.02 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

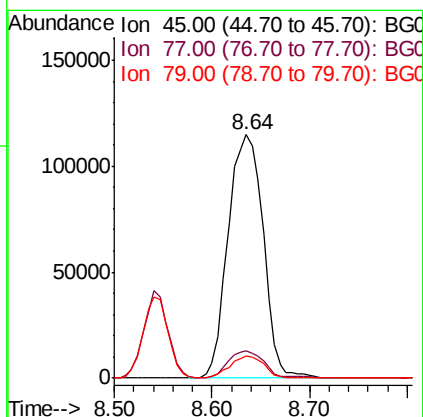
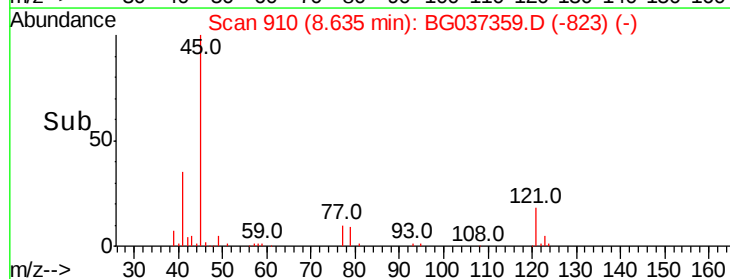
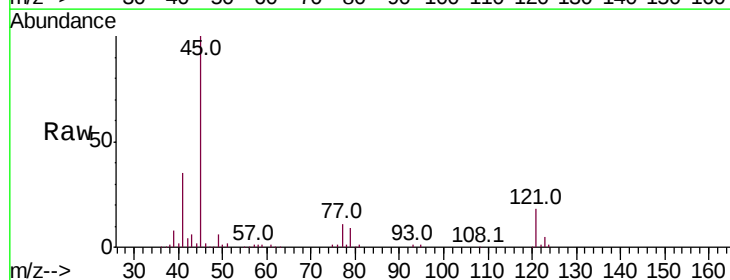
Tgt Ion: 45 Resp: 287455

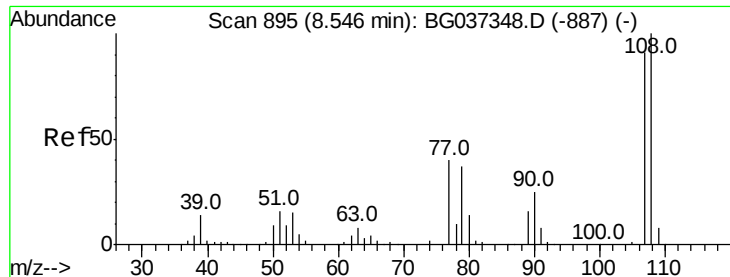
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.0

79 8.9 0.0 29.0

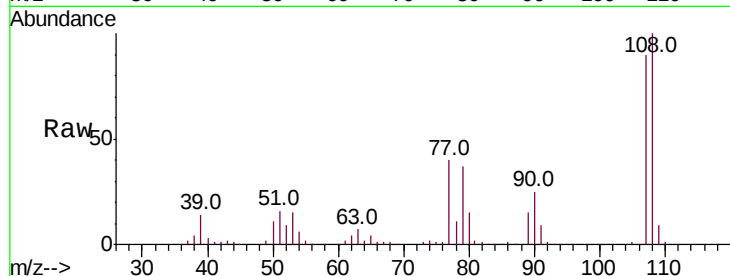




#17
2-Methylphenol
Concen: 49.967 ng
RT: 8.54 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	87.9	131.9
77	45.0	35.1	52.7
79	41.7	34.5	51.7



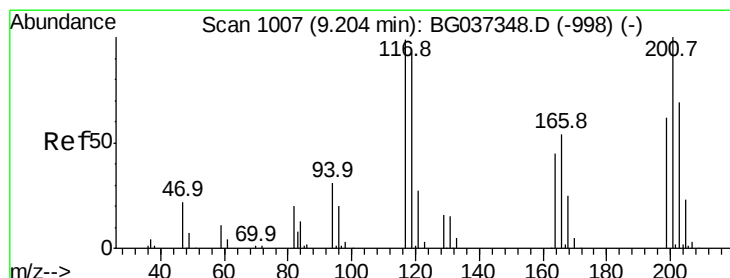
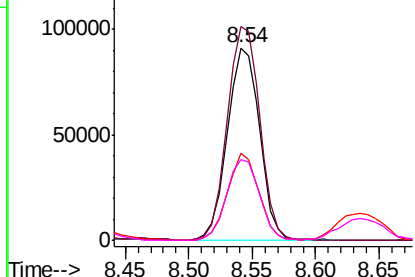
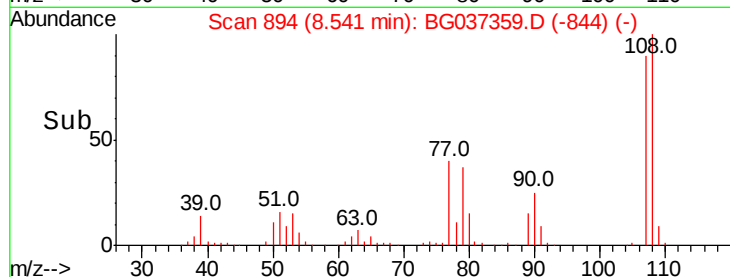
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

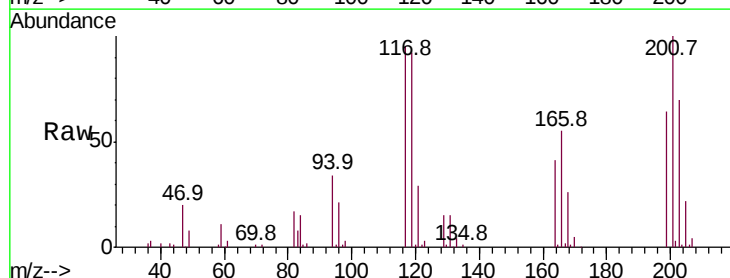
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 40.692 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	74.6	111.8
201	108.2	80.8	121.2

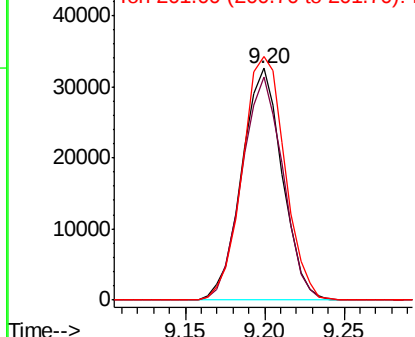
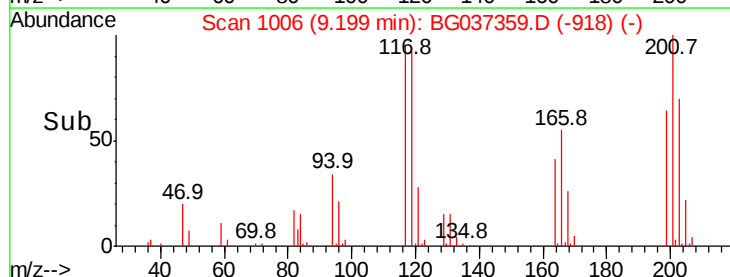


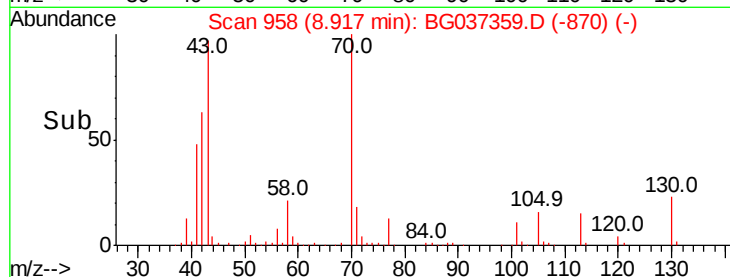
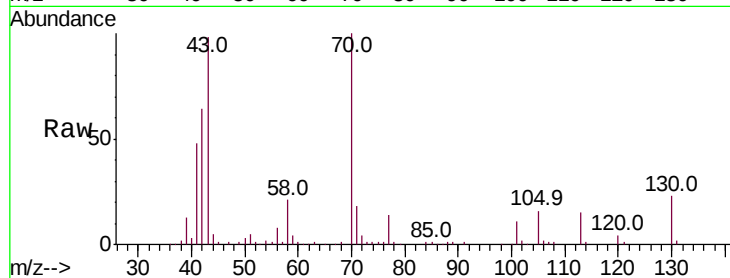
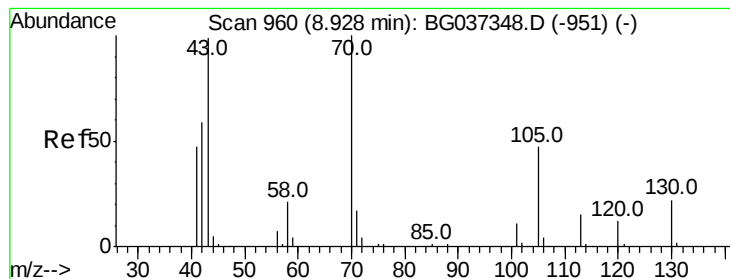
Abundance

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: 38.876 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 133739

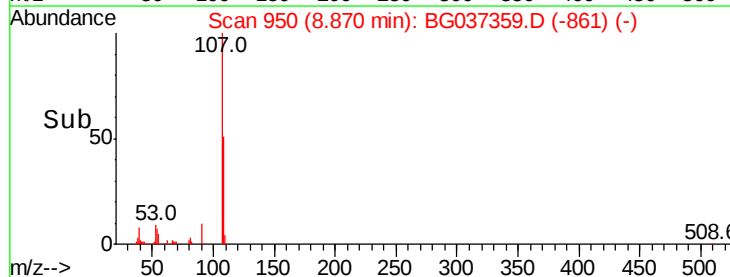
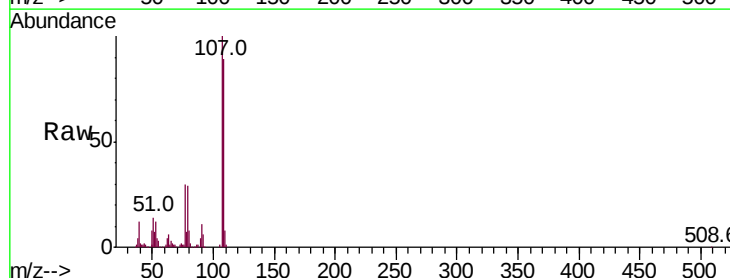
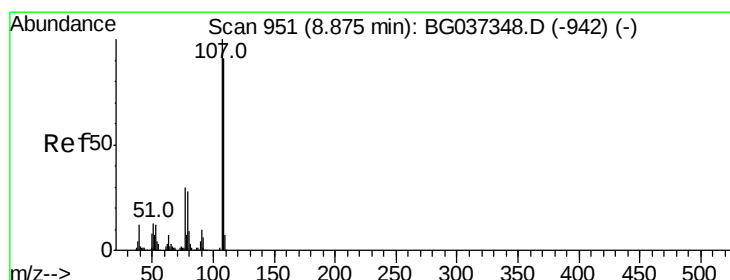
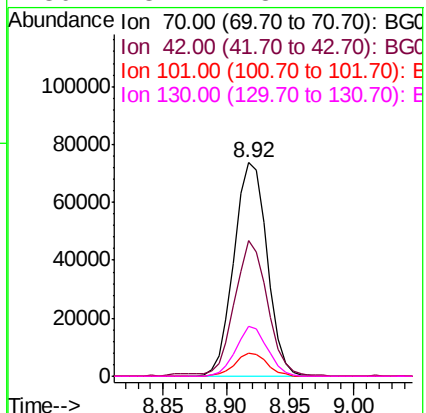
Ion Ratio Lower Upper

70 100

42 63.6 53.9 80.9

101 10.7 8.2 12.2

130 23.4 18.2 27.4



#20

3+4-Methylphenols

Concen: 50.389 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion: 107 Resp: 225815

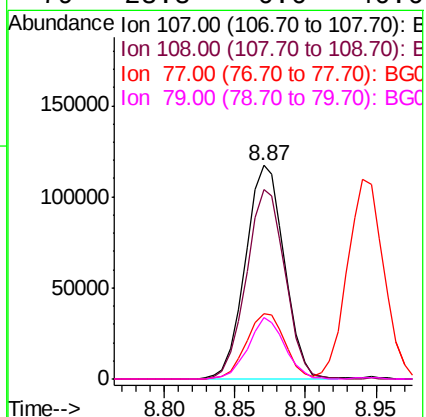
Ion Ratio Lower Upper

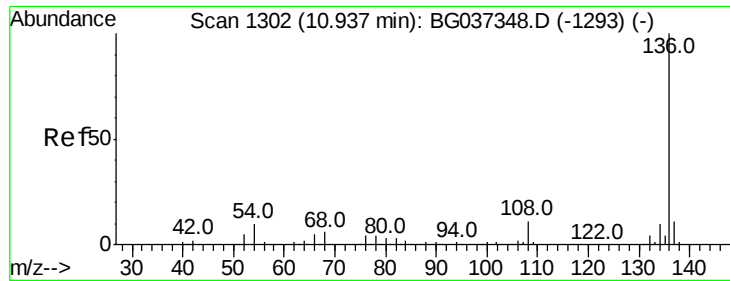
107 100

108 88.5 69.9 109.9

77 30.5 11.2 51.2

79 28.8 6.6 46.6

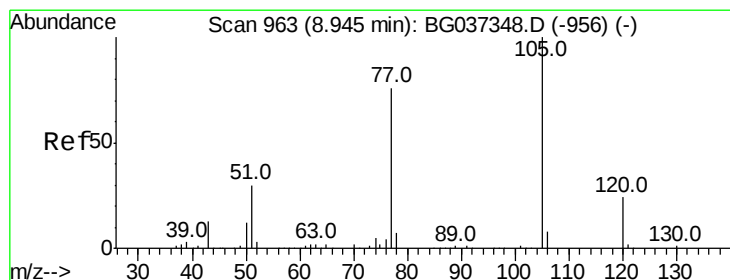
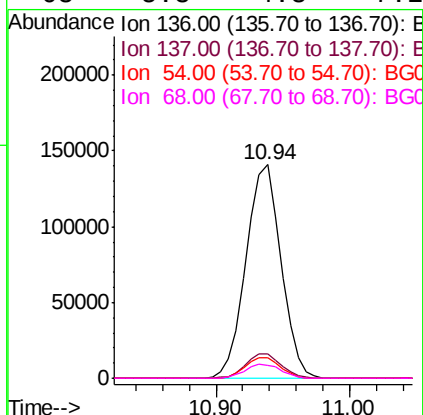
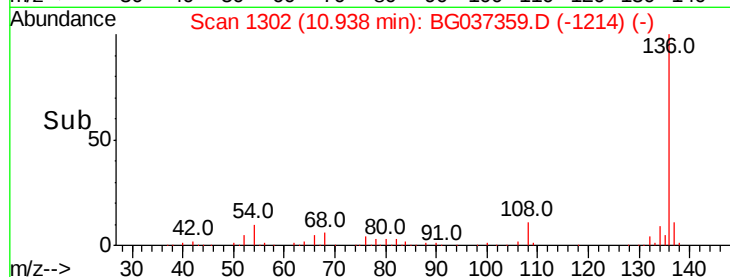
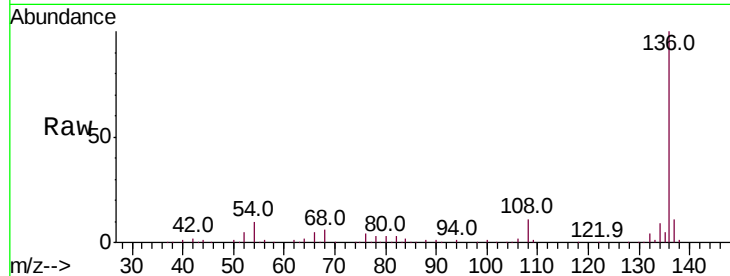




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

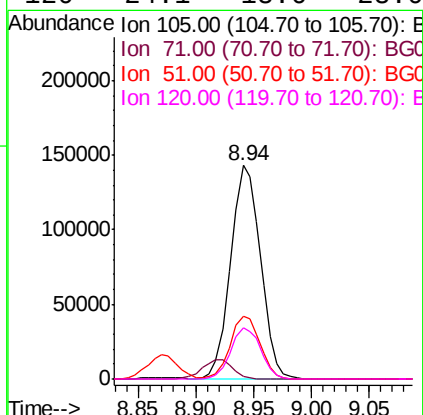
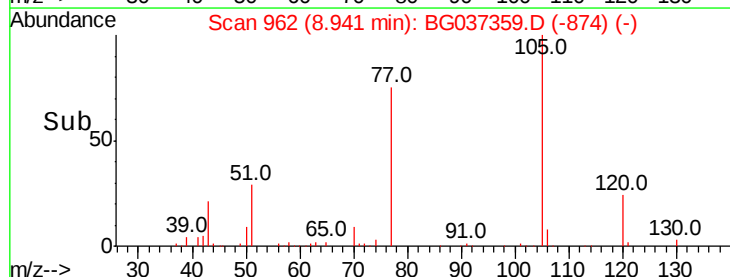
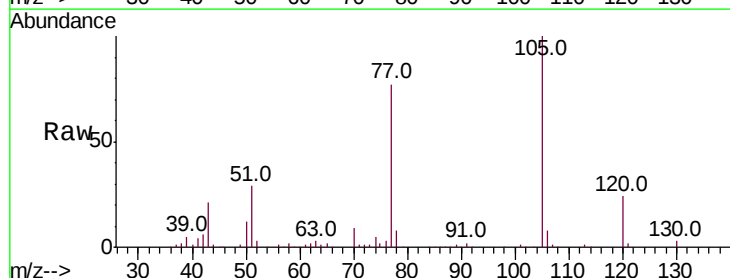
Instrument :
BNA_G
ClientSampleId :

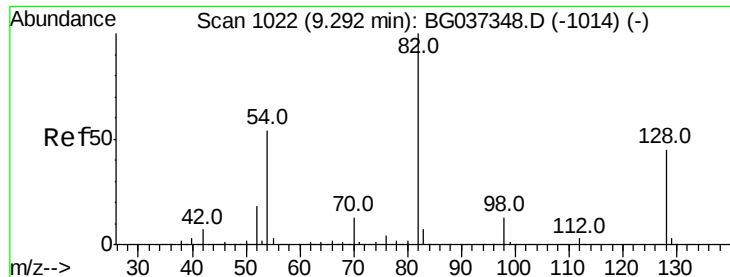
Tot Ion:	136	Resp:	254751
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	9.7	7.9	11.9
68	5.8	4.8	7.2



#22
Acetophenone
Concen: 39.952 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion:	105	Resp:	256561
Ion	Ratio	Lower	Upper
105	100		
71	1.5	1.2	1.8
51	29.4	25.0	37.6
120	24.1	18.6	28.0

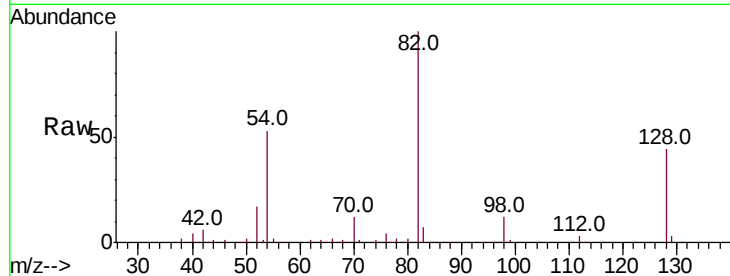




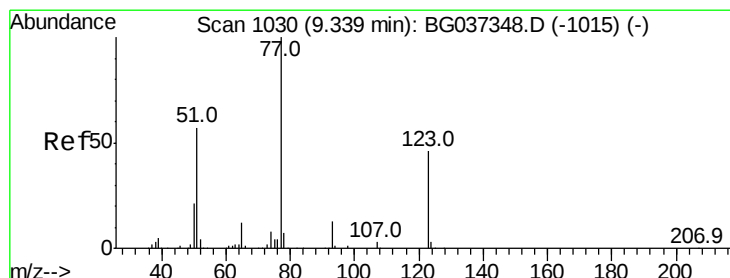
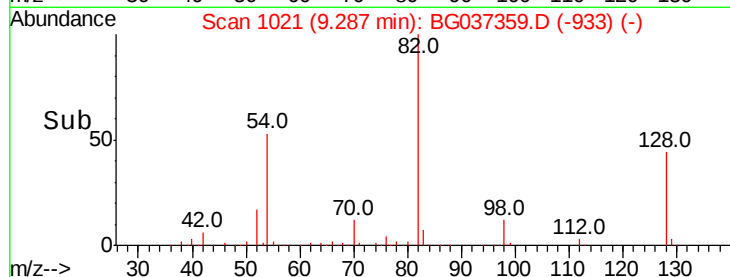
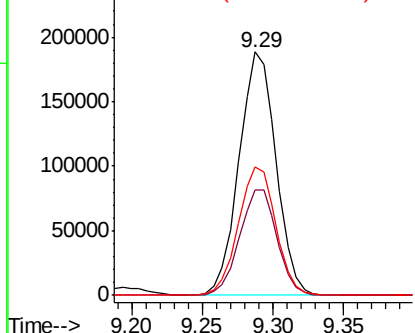
#23
Nitrobenzene-d5
Concen: 89.221 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	52.7	45.3	67.9

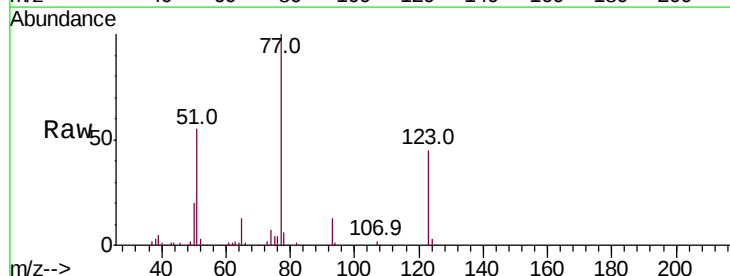


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

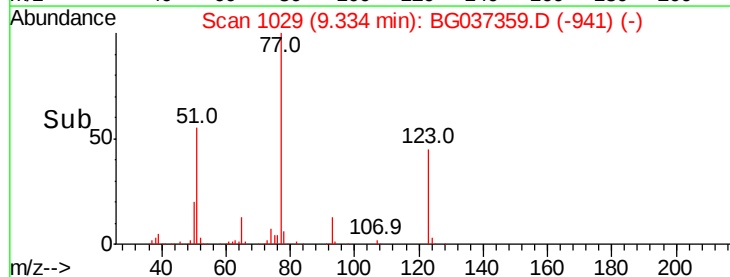
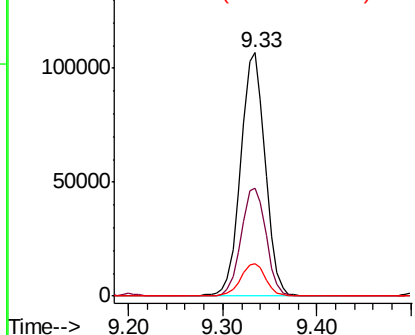


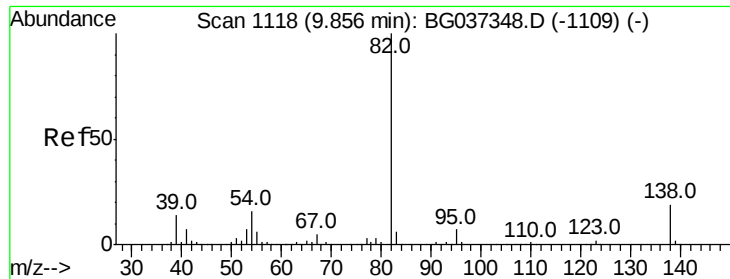
#24
Nitrobenzene
Concen: 46.466 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	33.6	50.4
65	13.3	11.3	16.9



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





#25

Isophorone

Concen: 44.424 ng

RT: 9.85 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

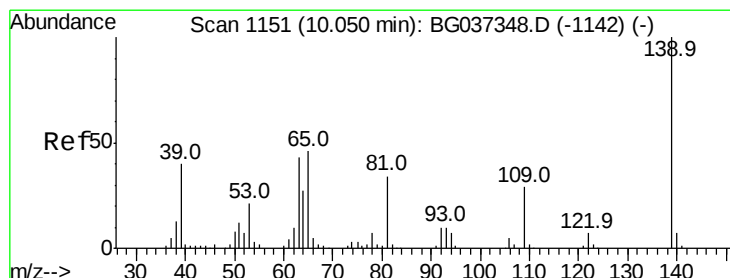
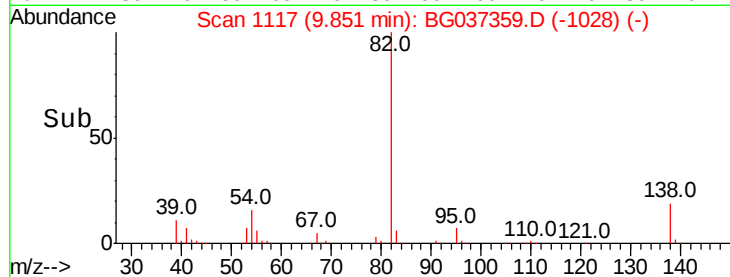
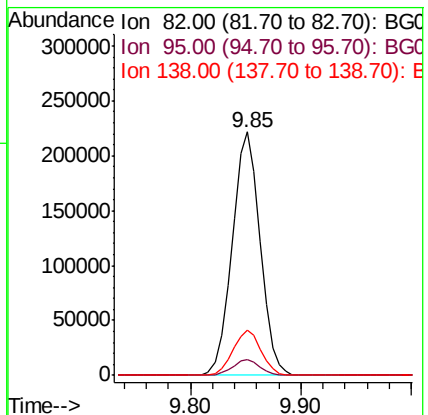
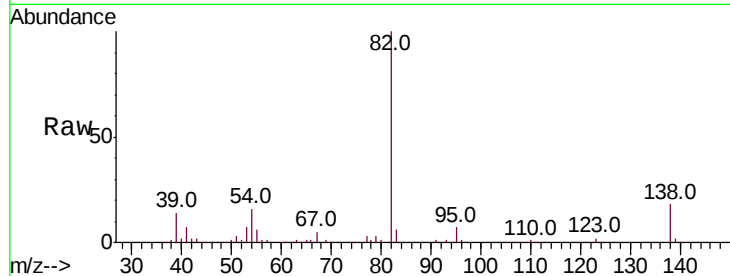
Tot Ion: 82 Resp: 392958

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.5 13.3 19.9



#26

2-Nitrophenol

Concen: 54.447 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

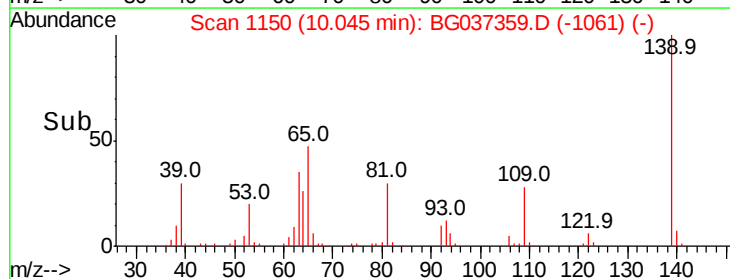
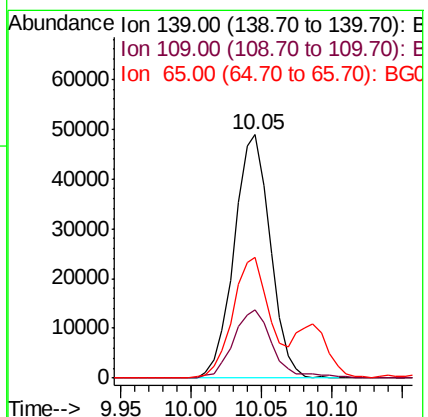
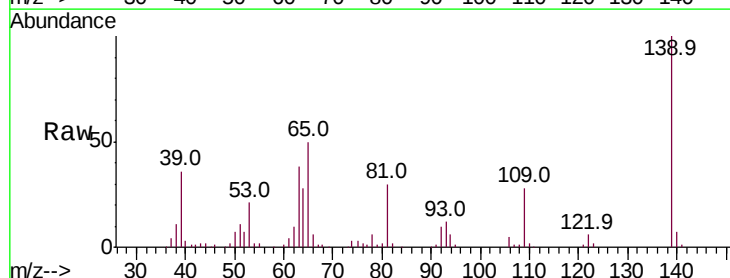
Tgt Ion: 139 Resp: 87394

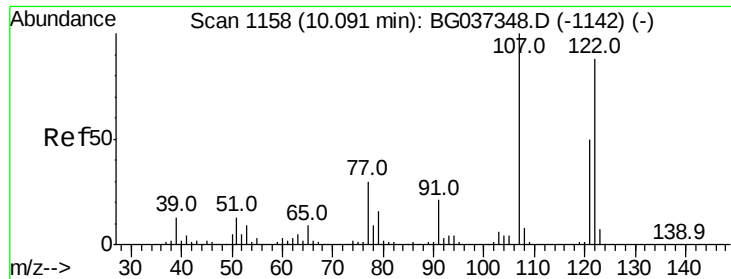
Ion Ratio Lower Upper

139 100

109 27.9 23.3 34.9

65 49.8 39.8 59.8

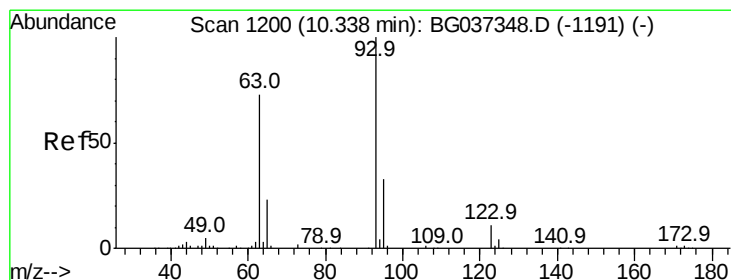
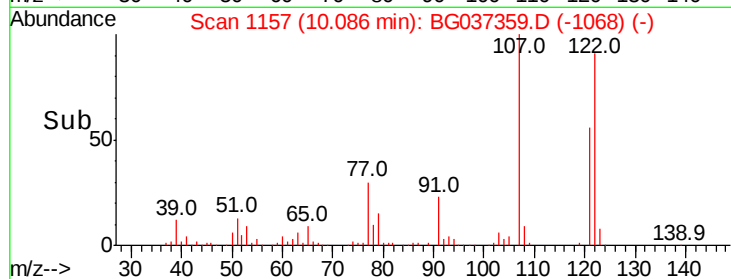
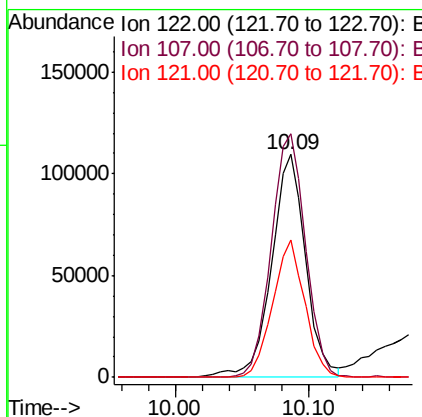
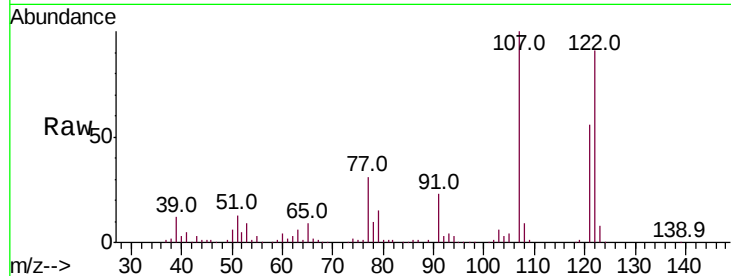




#27
 2,4-Dimethylphenol
 Concen: 52.705 ng
 RT: 10.09 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

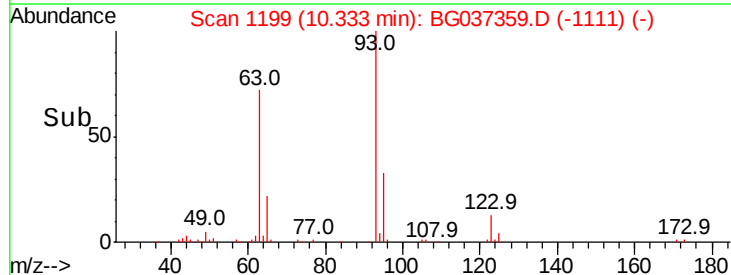
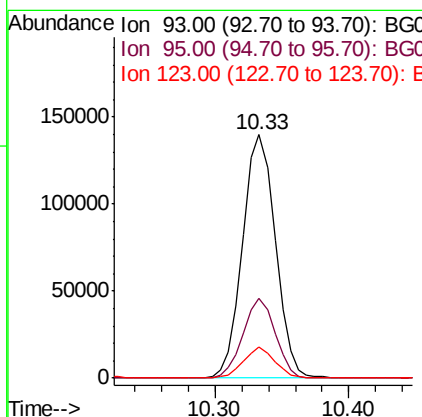
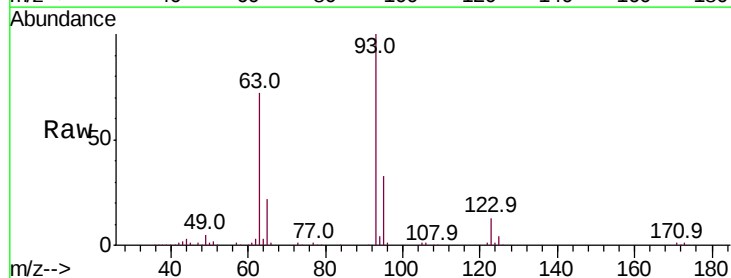
Instrument :
 BNA_G
 ClientSampleId :

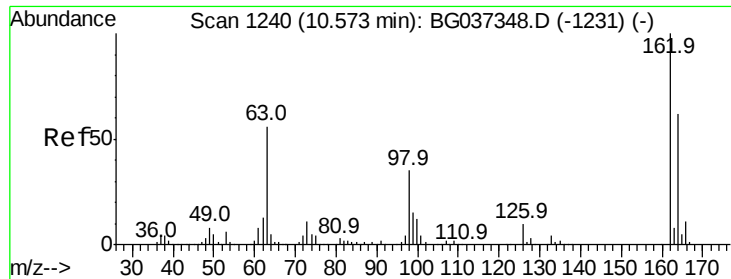
Tot Ion:122 Resp: 194868
 Ion Ratio Lower Upper
 122 100
 107 109.3 94.2 141.2
 121 61.7 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.967 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion: 93 Resp: 237788
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.6 37.0
 123 12.7 9.1 13.7

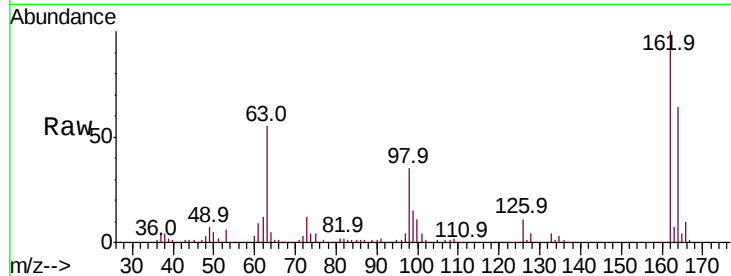




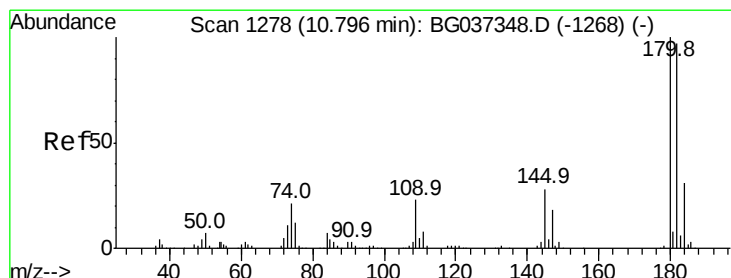
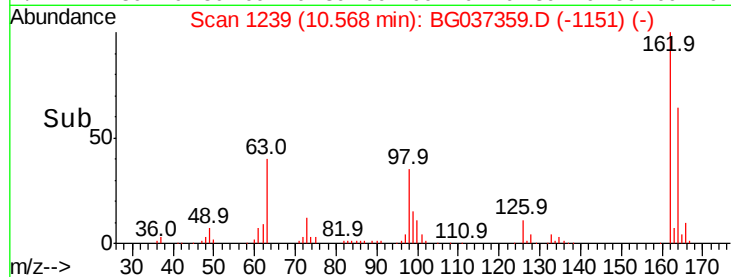
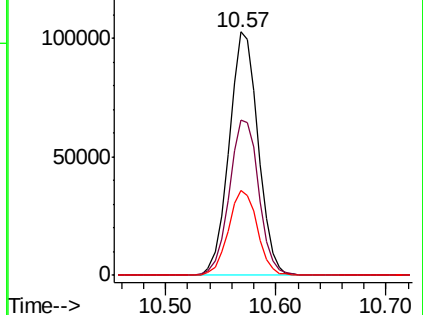
#29
 2,4-Dichlorophenol
 Concen: 50.505 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.2	83.2
98	34.6	16.0	56.0

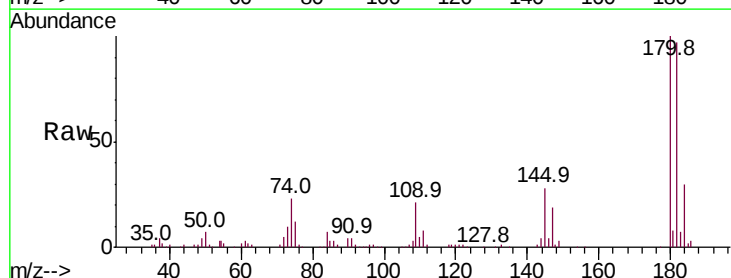


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

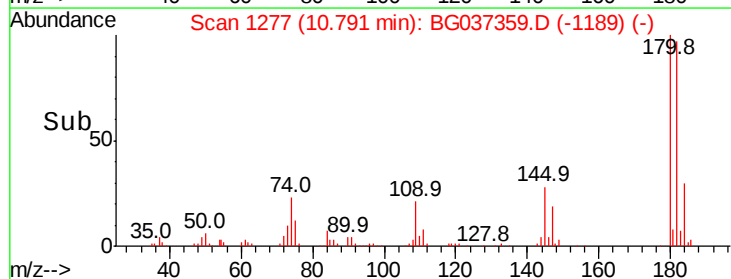
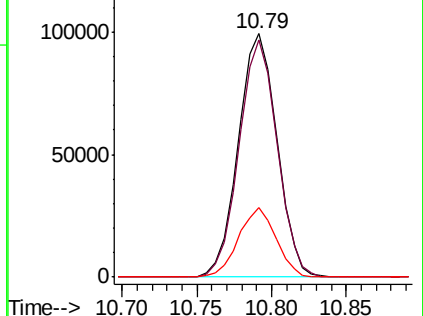


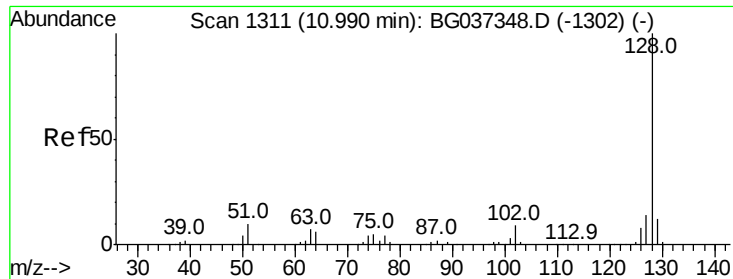
#30
 1,2,4-Trichlorobenzene
 Concen: 38.960 ng
 RT: 10.79 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.7	116.5
145	28.3	23.3	34.9



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

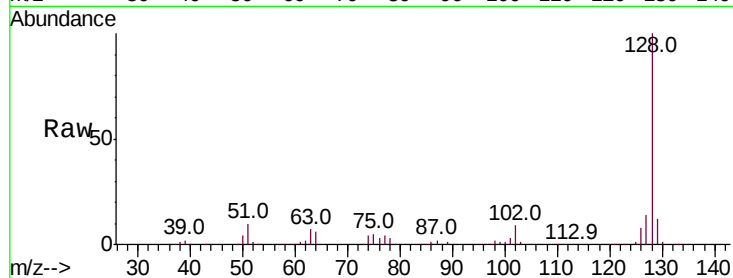




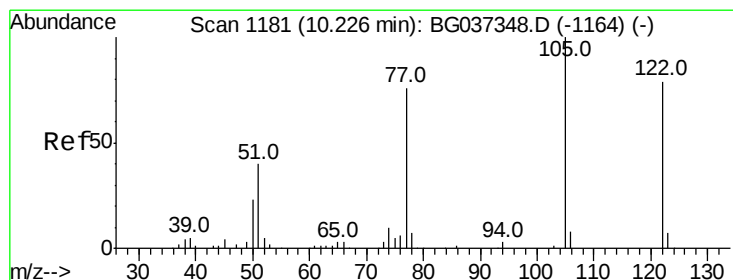
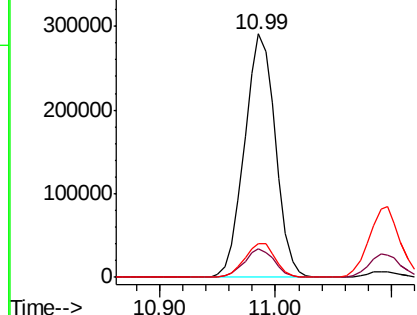
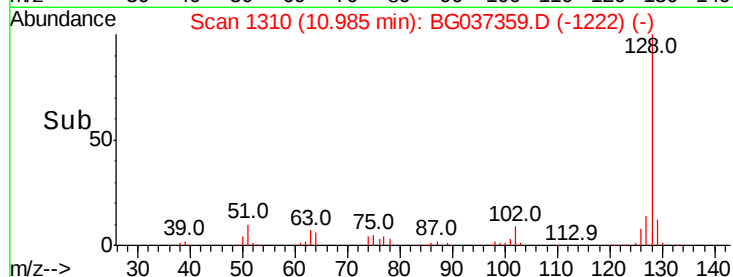
#31
Naphthalene
Concen: 43.531 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 538940
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.9 11.1 16.7

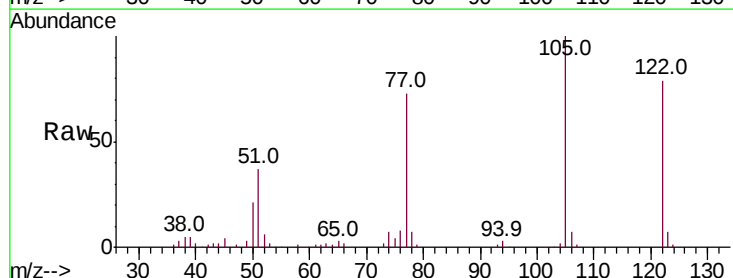


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

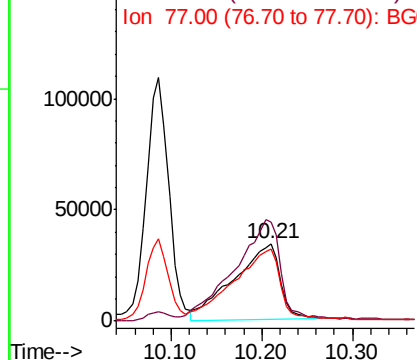
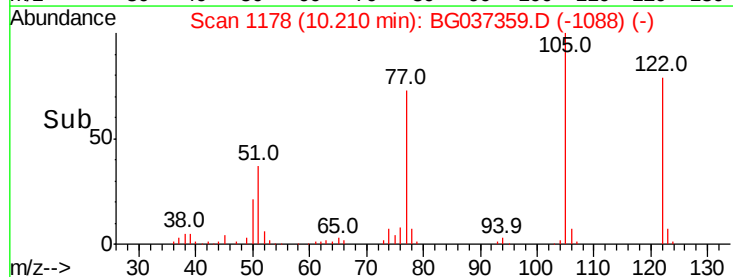


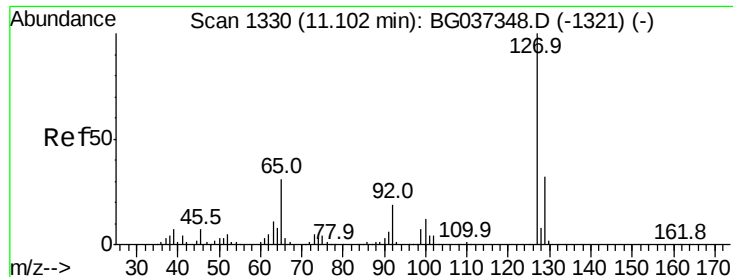
#32
Benzoic acid
Concen: 59.683 ng
RT: 10.21 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion:122 Resp: 121848
Ion Ratio Lower Upper
122 100
105 127.3 106.7 146.7
77 92.9 72.2 112.2



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

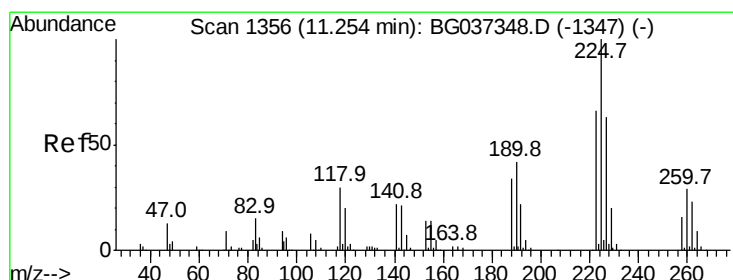
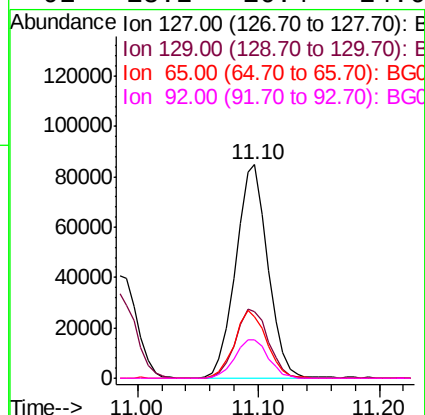
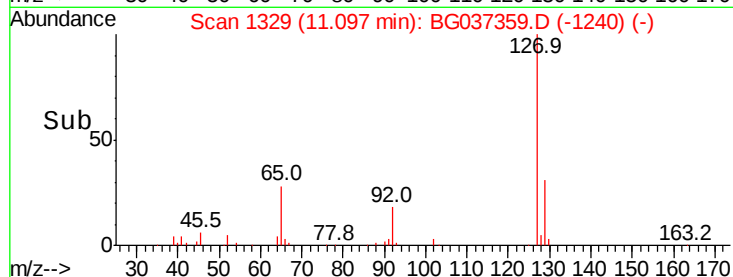
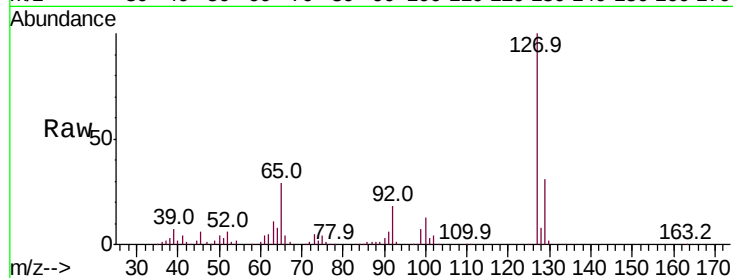




#33
4-Chloroaniline
Concen: 27.110 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

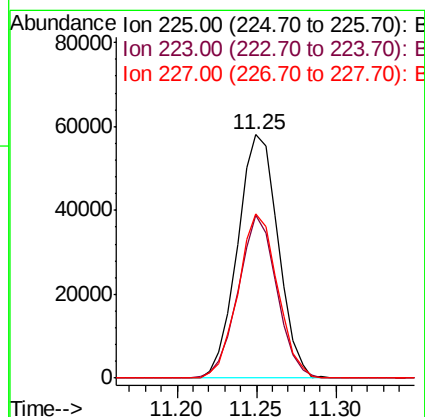
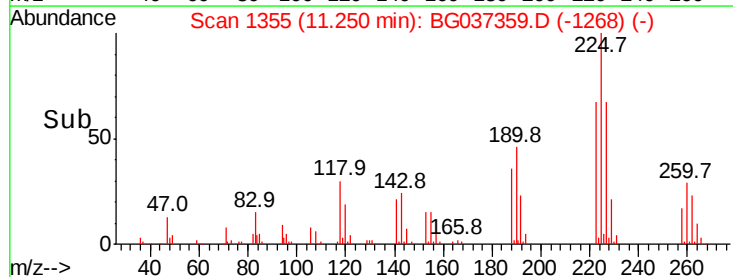
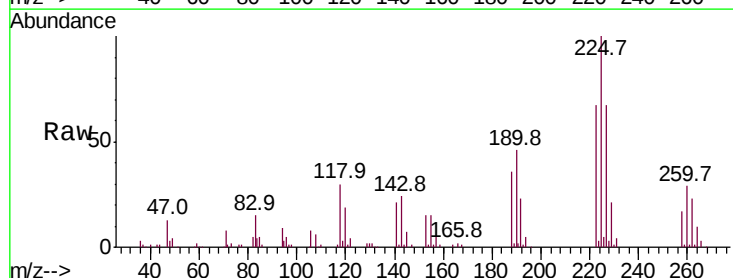
Instrument :
BNA_G
ClientSampleId :

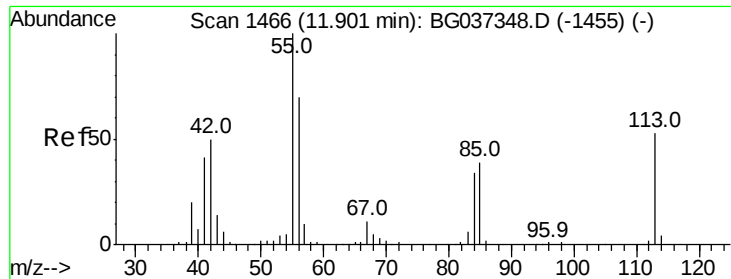
Tot Ion:127 Resp: 157449
Ion Ratio Lower Upper
127 100
129 31.2 27.1 40.7
65 29.0 26.6 39.8
92 18.2 16.4 24.6



#34
Hexachlorobutadiene
Concen: 36.229 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion:225 Resp: 102752
Ion Ratio Lower Upper
225 100
223 63.7 48.2 72.4
227 67.0 51.6 77.4





#35

Caprolactam

Concen: 30.806 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

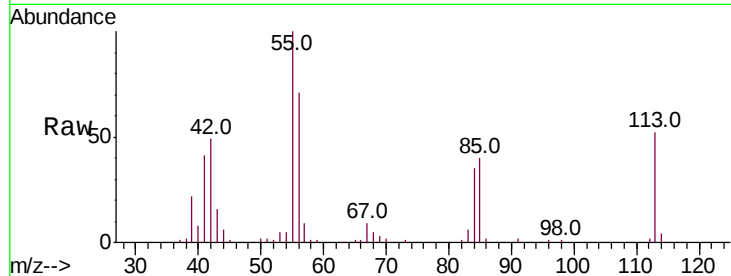
Tot Ion:113 Resp: 47135

Ion Ratio Lower Upper

113 100

55 192.1 176.6 216.6

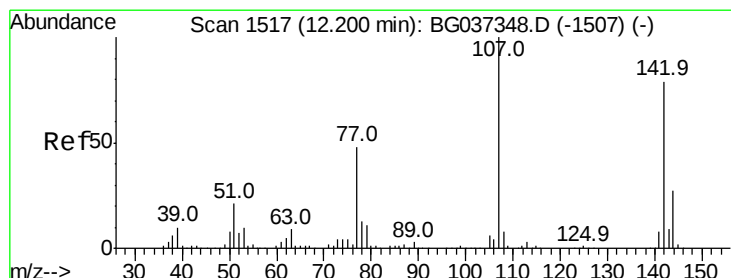
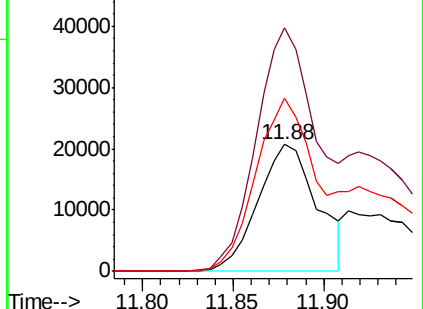
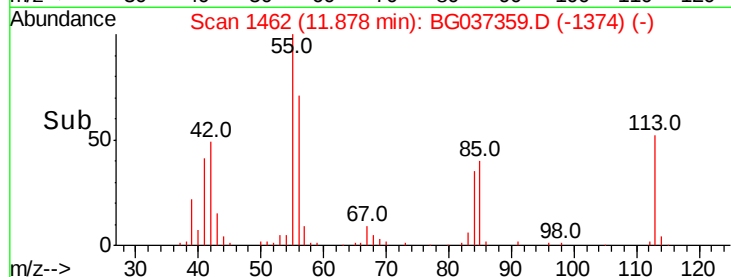
56 137.1 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.943 ng

RT: 12.20 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

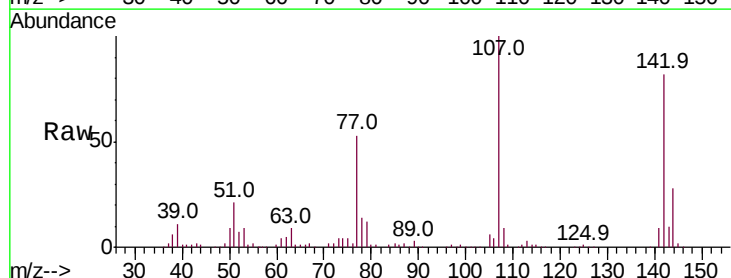
Tgt Ion:107 Resp: 212509

Ion Ratio Lower Upper

107 100

144 27.6 20.7 31.1

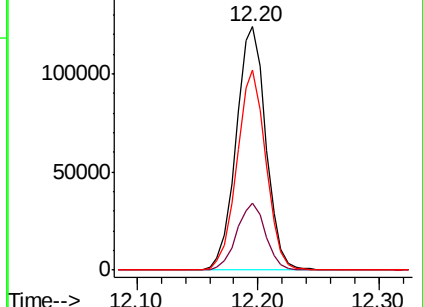
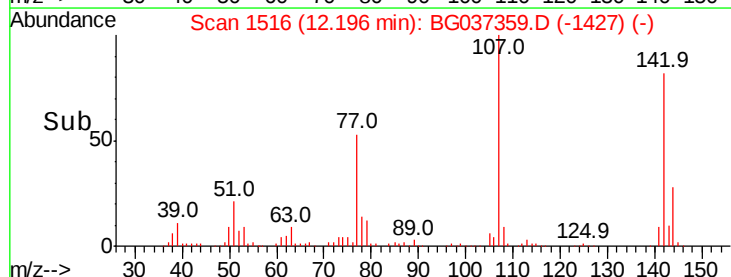
142 82.1 64.4 96.6

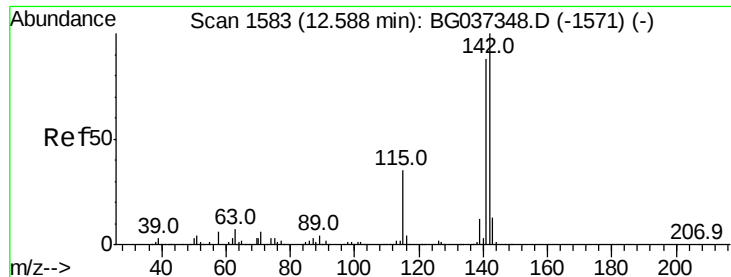


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

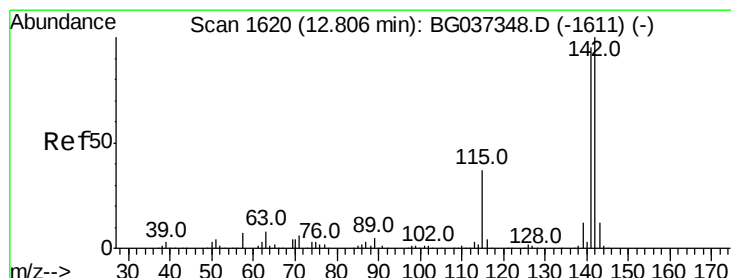
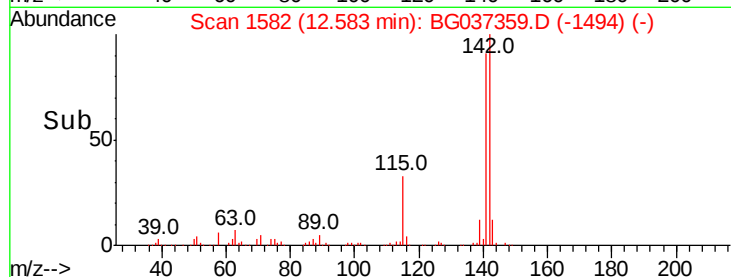
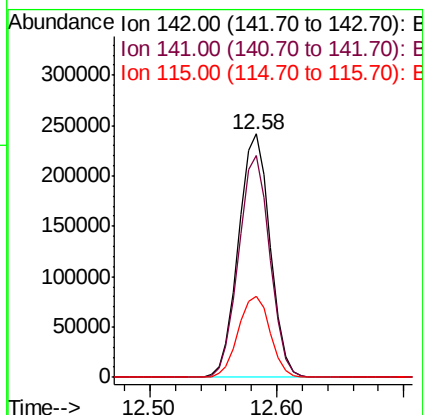
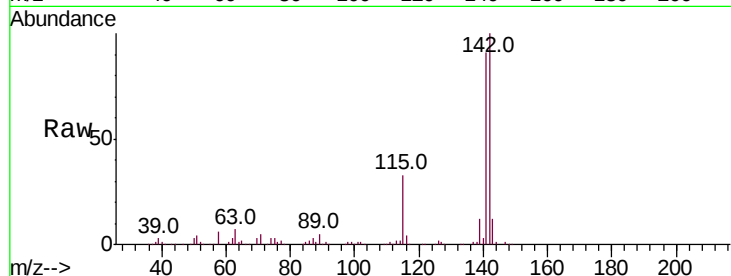




#37
2-Methylnaphthalene
Concen: 46.013 ng
RT: 12.58 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

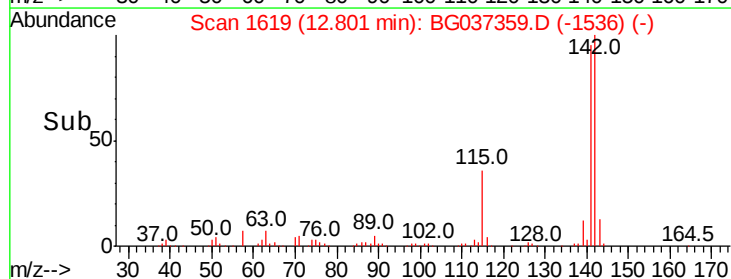
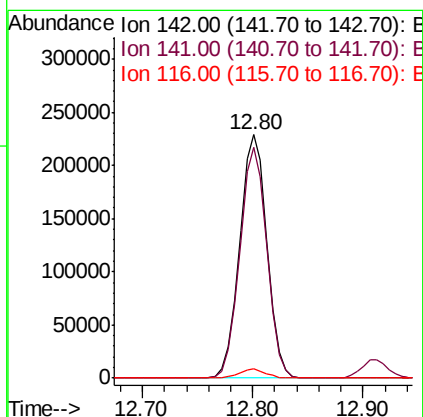
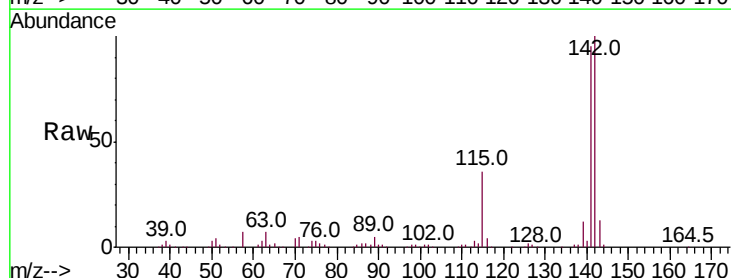
Instrument :
BNA_G
ClientSampleId :

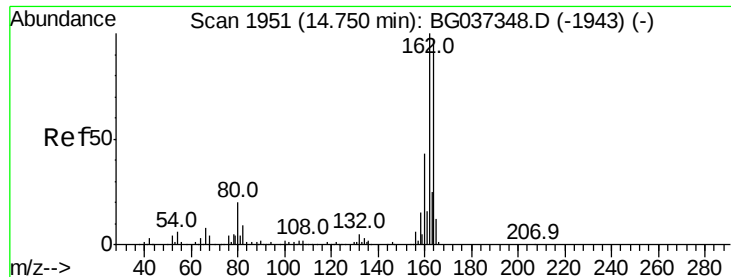
Tot Ion:142 Resp: 415738
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9
115 33.4 27.8 41.8



#38
1-Methylnaphthalene
Concen: 44.800 ng
RT: 12.80 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion:142 Resp: 395340
Ion Ratio Lower Upper
142 100
141 94.6 75.2 112.8
116 3.6 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

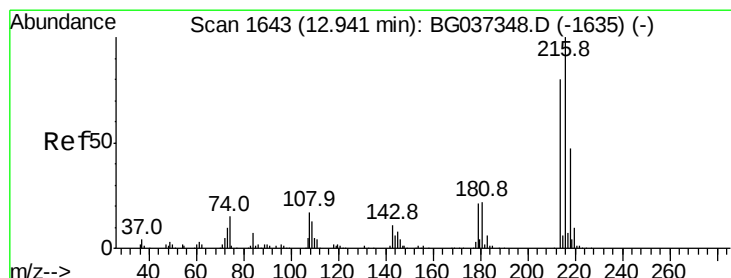
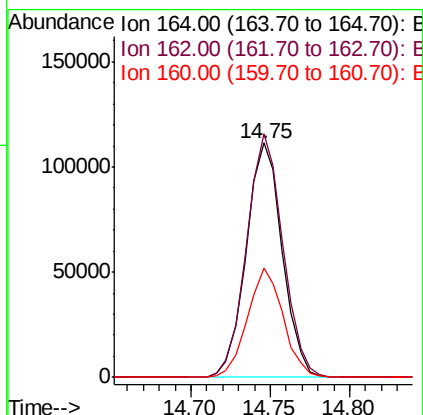
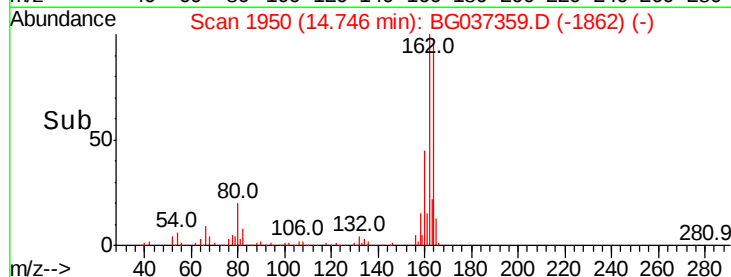
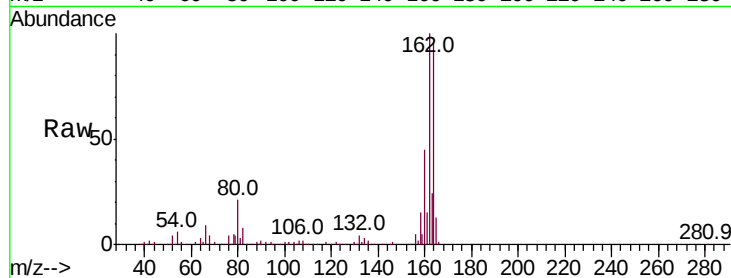
Tot Ion:164 Resp: 175648

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

160 46.5 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.036 ng

RT: 12.94 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion:216 Resp: 210671

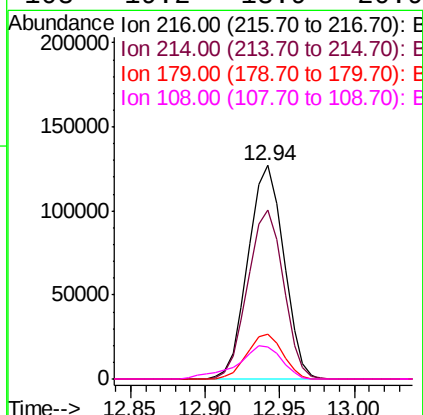
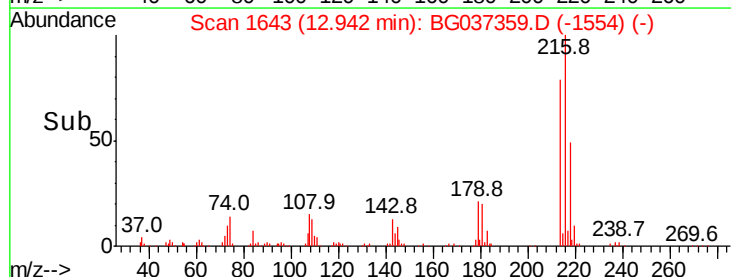
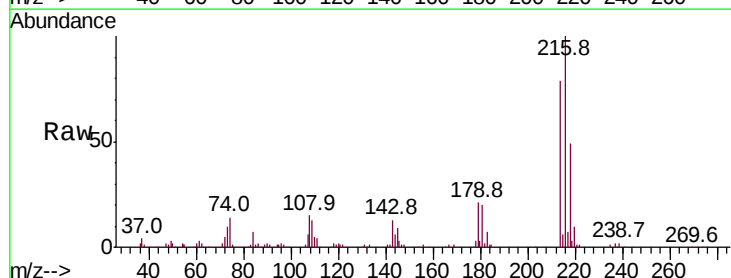
Ion Ratio Lower Upper

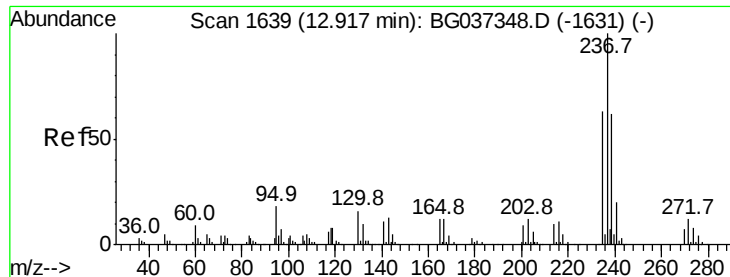
216 100

214 78.9 63.8 95.6

179 21.0 17.4 26.0

108 19.2 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 104.430 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

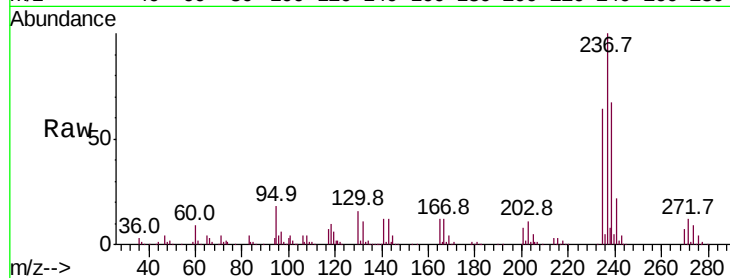
Tot Ion:237 Resp: 244887

Ion Ratio Lower Upper

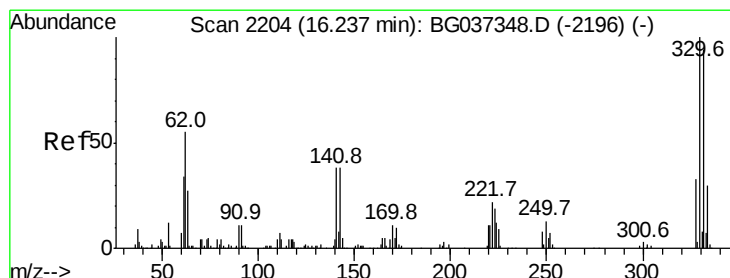
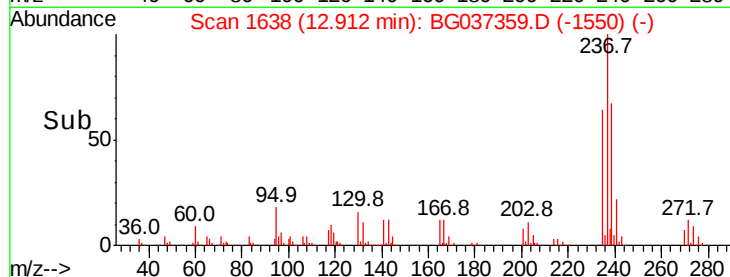
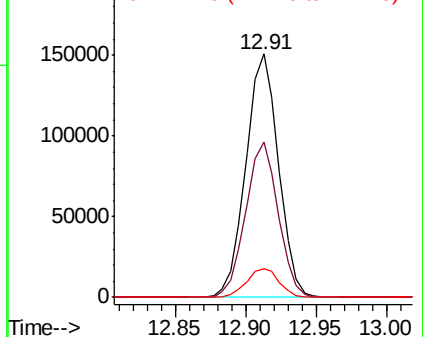
237 100

235 64.0 42.5 82.5

272 12.0 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 152.004 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

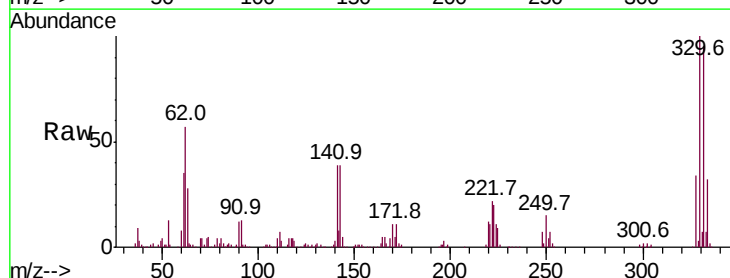
Tgt Ion:330 Resp: 261845

Ion Ratio Lower Upper

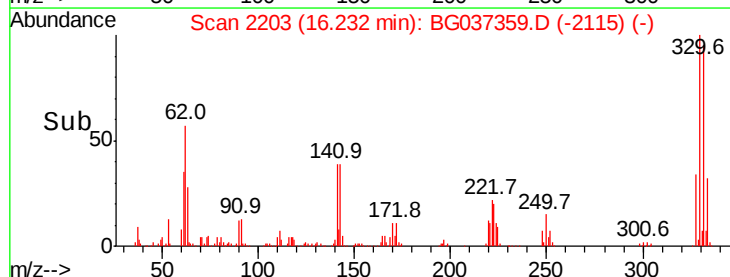
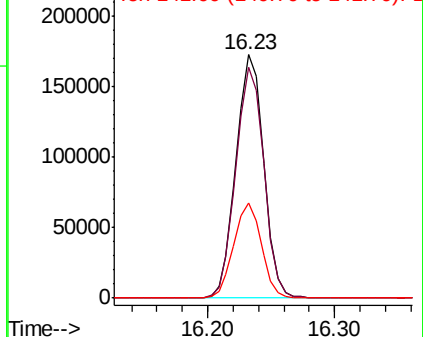
330 100

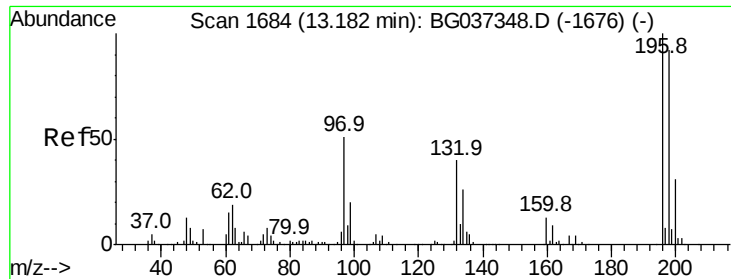
332 95.7 78.4 117.6

141 38.9 32.2 48.2



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

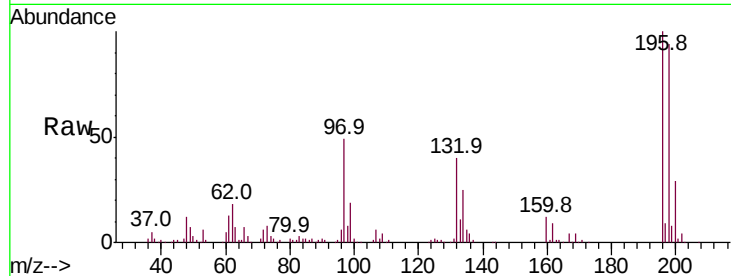




#43
 2,4,6-Trichlorophenol
 Concen: 48.933 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.4	114.6
200	29.5	24.9	37.3

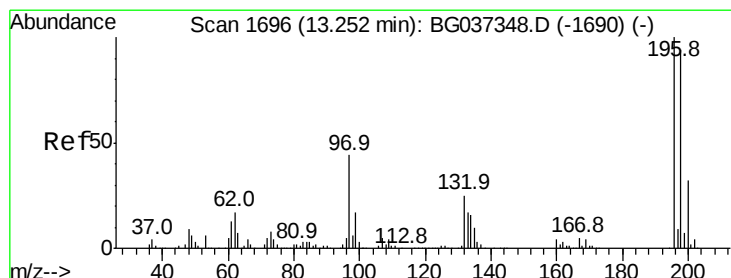
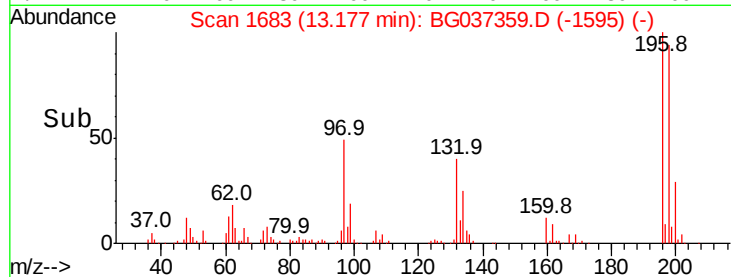
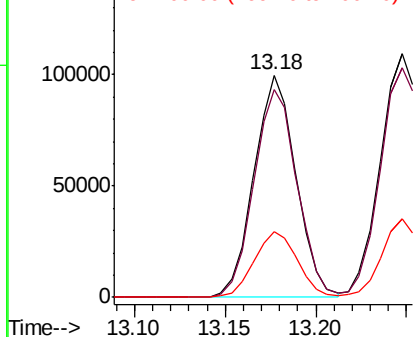


Abundance

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



#44
 2,4,5-Trichlorophenol
 Concen: 51.230 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.2	111.2
97	43.9	34.1	51.1
132	24.9	20.2	30.4

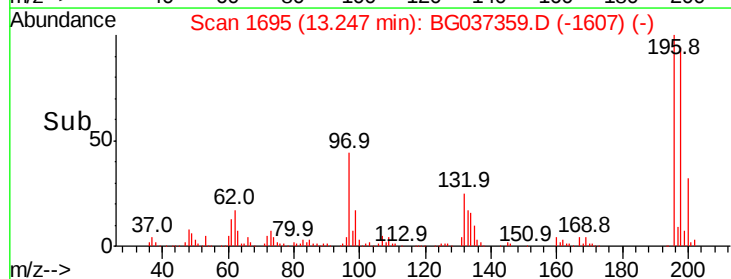
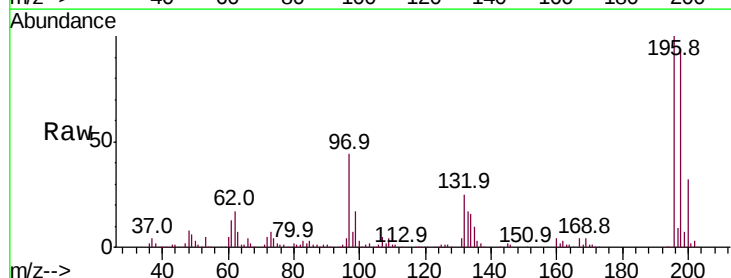
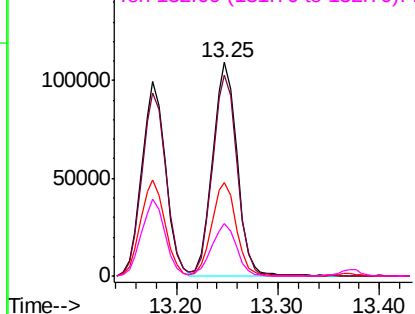
Abundance

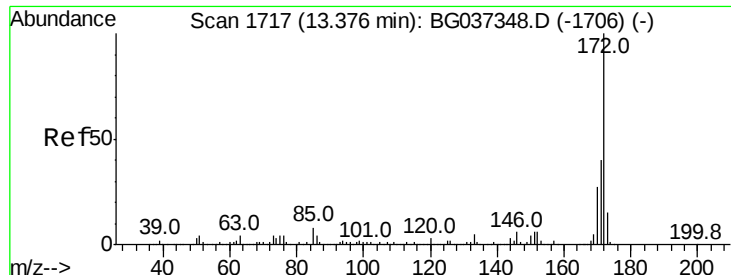
Ion 196.00 (195.70 to 196.70): E

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

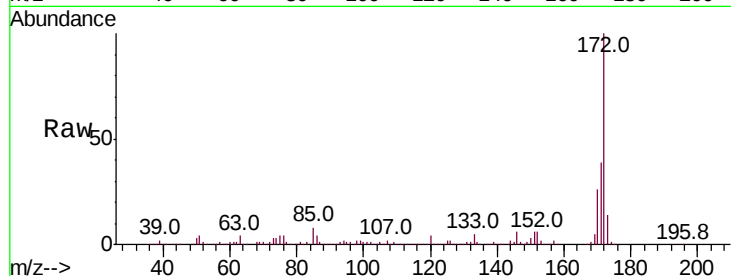




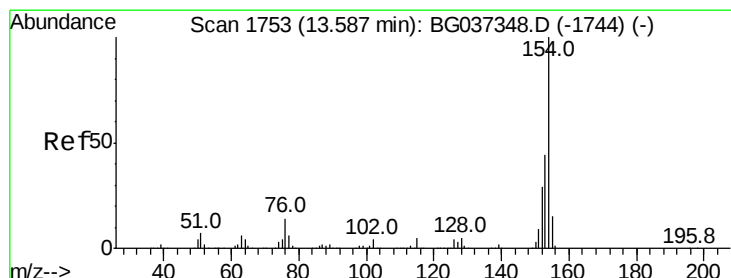
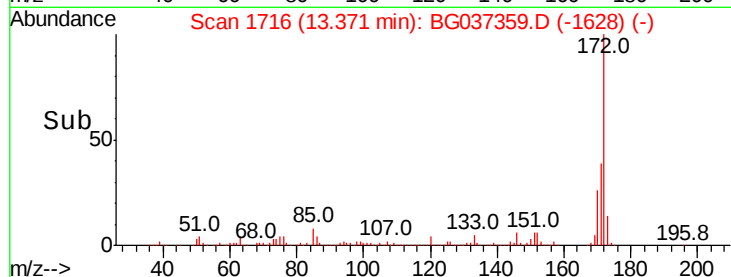
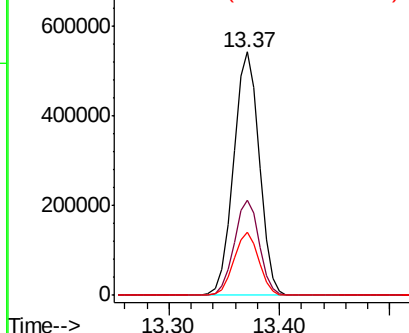
#45
 2-Fluorobiphenyl
 Concen: 75.457 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	25.7	20.2	30.2

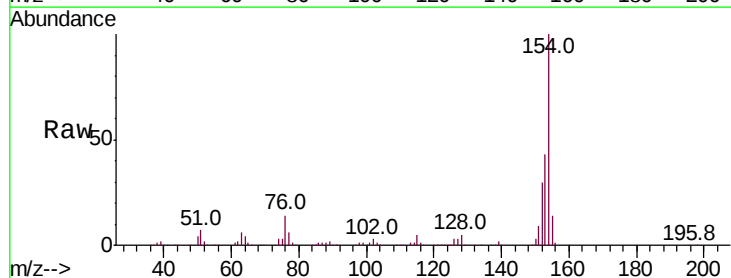


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

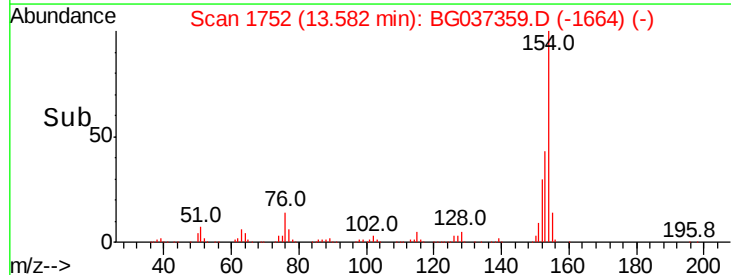
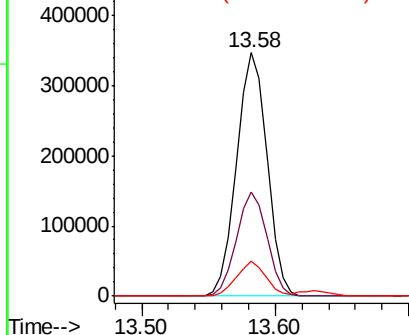


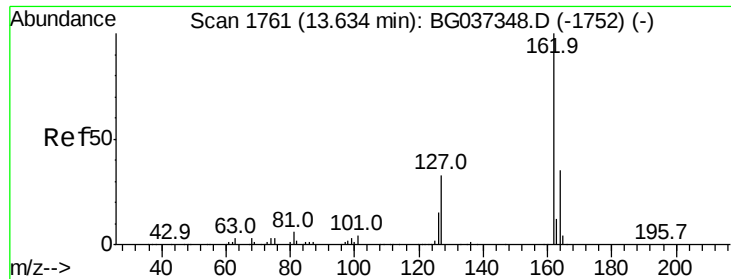
#46
 1,1'-Biphenyl
 Concen: 37.945 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.1	62.1
76	14.4	0.0	33.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

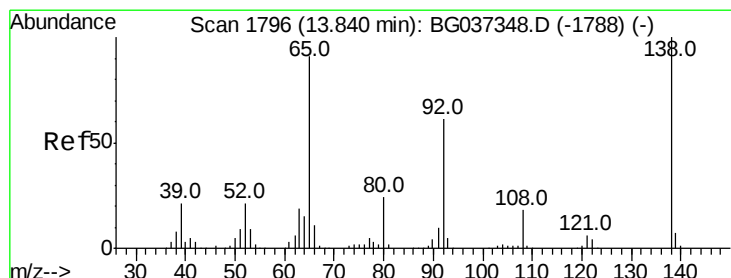
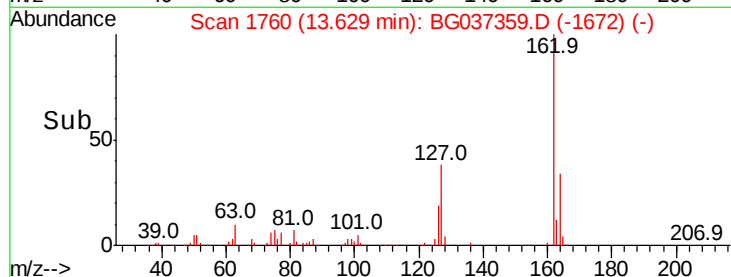
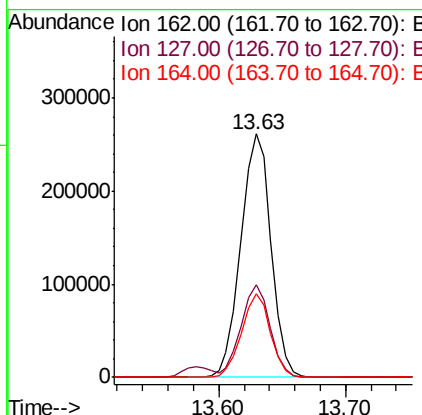
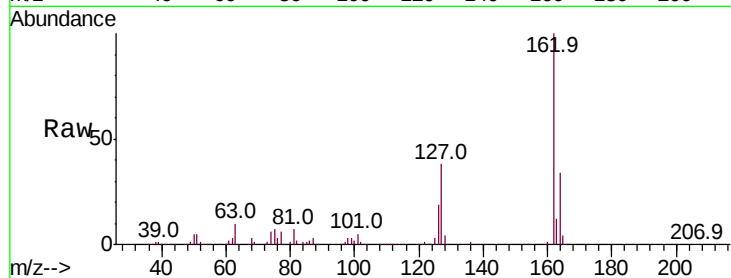




#47
 2-Chloronaphthalene
 Concen: 39.439 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

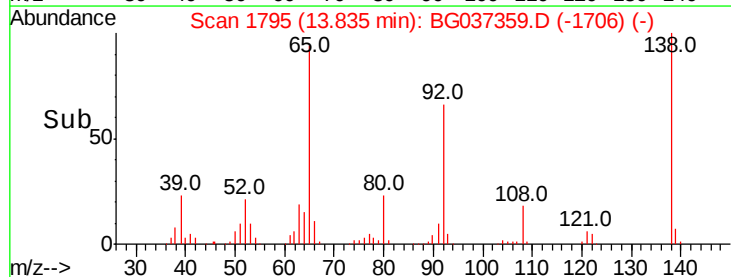
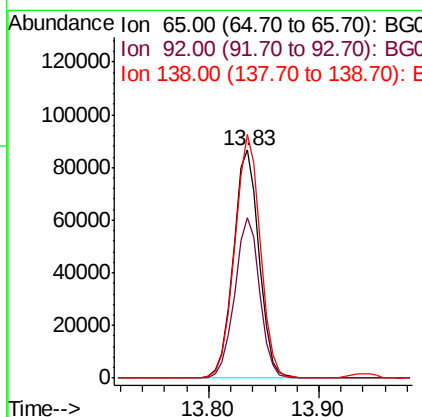
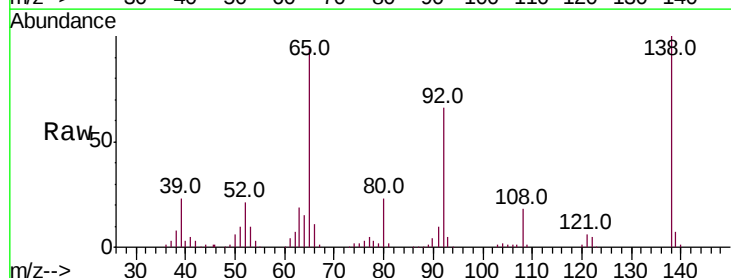
Instrument :
 BNA_G
 ClientSampleId :

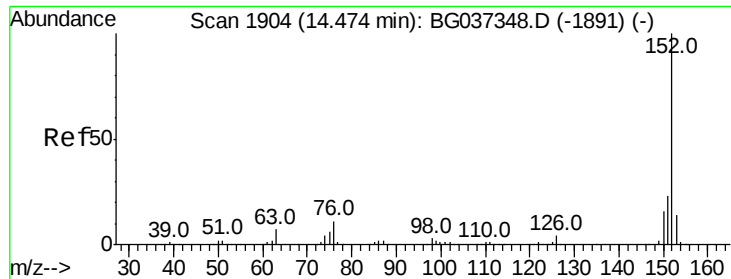
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.5	45.7
164	34.2	26.4	39.6



#48
 2-Nitroaniline
 Concen: 47.761 ng
 RT: 13.83 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	53.2	79.8
138	106.8	79.3	118.9





#49

Acenaphthylene

Concen: 43.588 ng

RT: 14.48 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

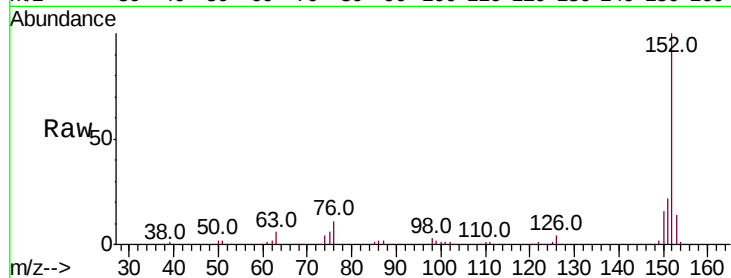
Tot Ion:152 Resp: 727735

Ion Ratio Lower Upper

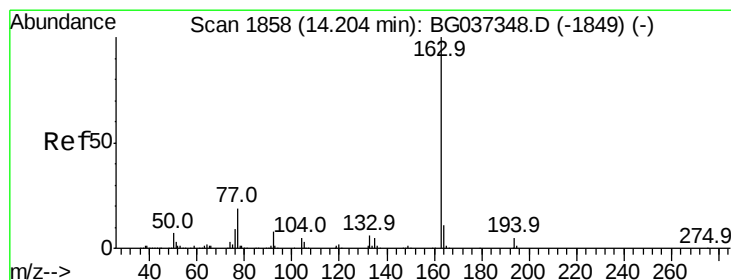
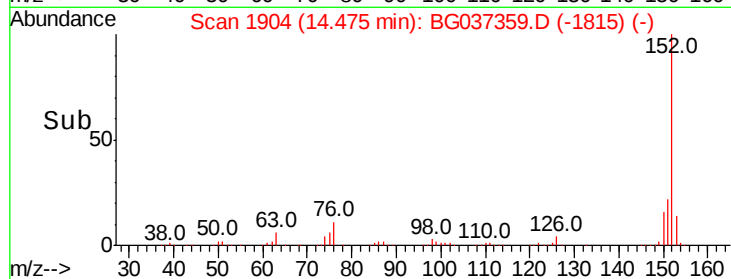
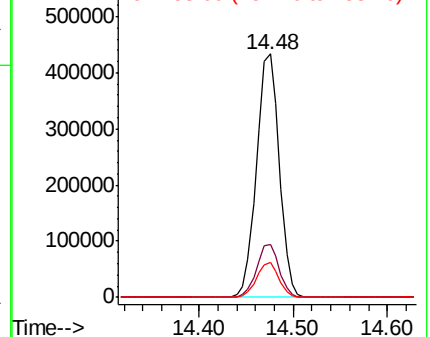
152 100

151 21.6 17.1 25.7

153 14.2 11.1 16.7



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



#50

Dimethylphthalate

Concen: 42.705 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

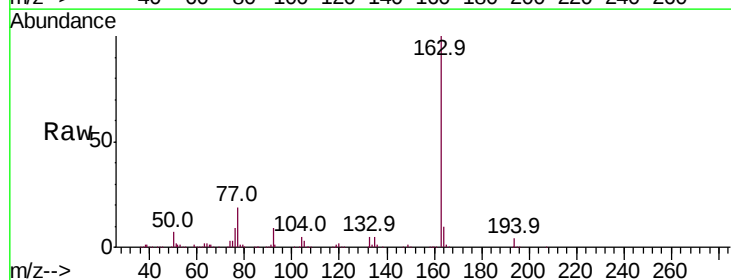
Tgt Ion:163 Resp: 589481

Ion Ratio Lower Upper

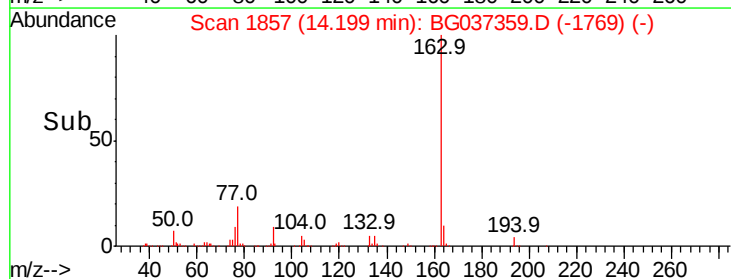
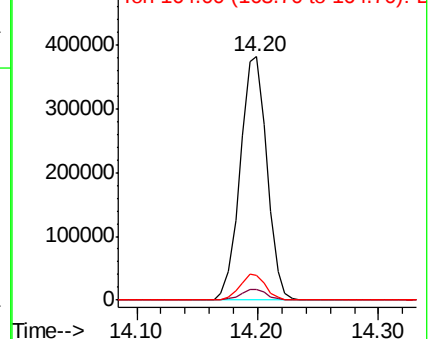
163 100

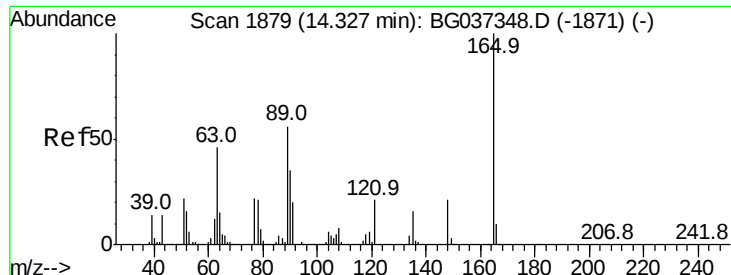
194 4.4 3.5 5.3

164 10.2 8.5 12.7



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

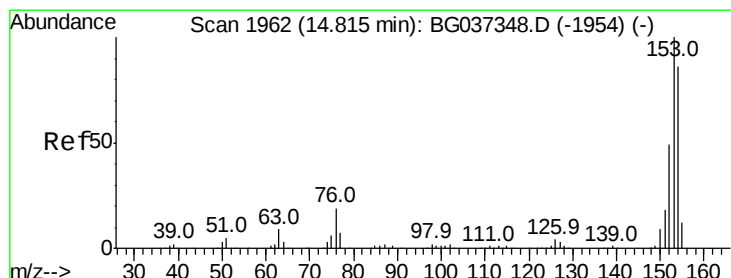
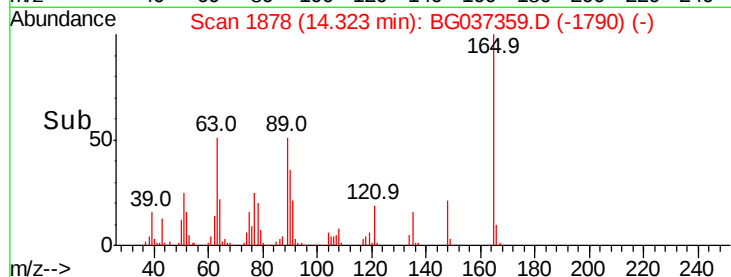
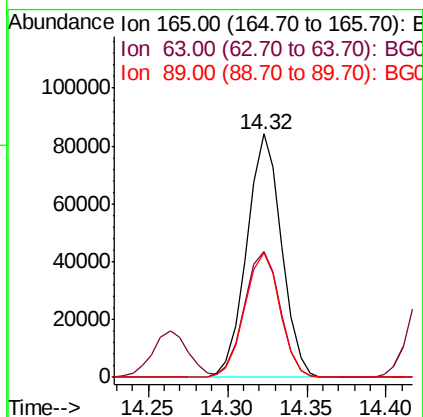
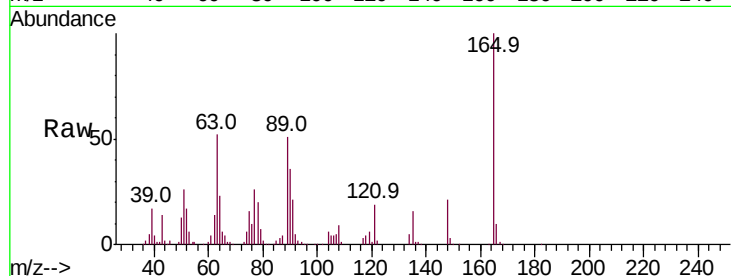




#51
2,6-Dinitrotoluene
Concen: 47.774 ng
RT: 14.32 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

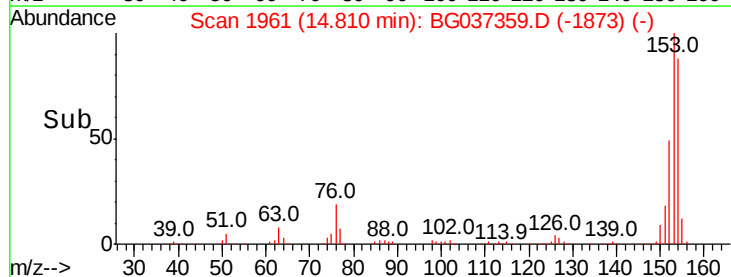
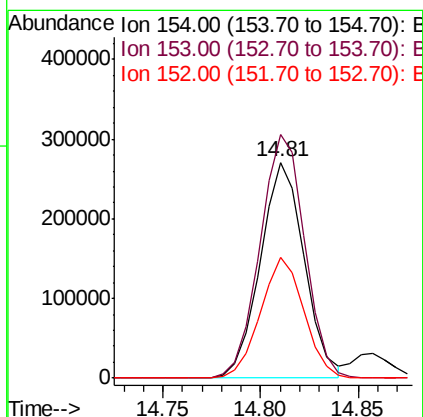
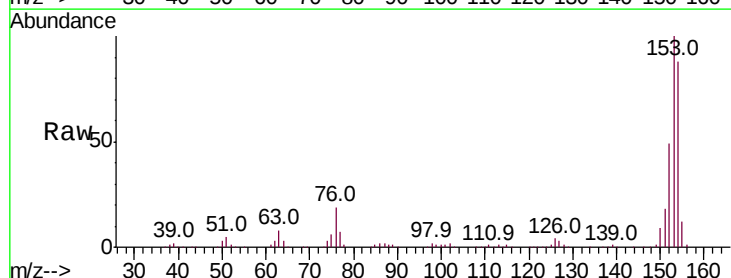
Instrument :
BNA_G
ClientSampleId :

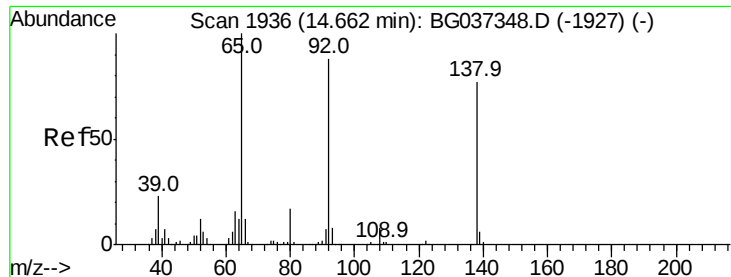
Tot Ion:165 Resp: 128028
Ion Ratio Lower Upper
165 100
63 51.9 43.4 65.2
89 51.3 45.8 68.6



#52
Acenaphthene
Concen: 40.904 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion:154 Resp: 421834
Ion Ratio Lower Upper
154 100
153 113.0 93.4 140.0
152 55.8 44.7 67.1





#53

3-Nitroaniline

Concen: 37.124 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

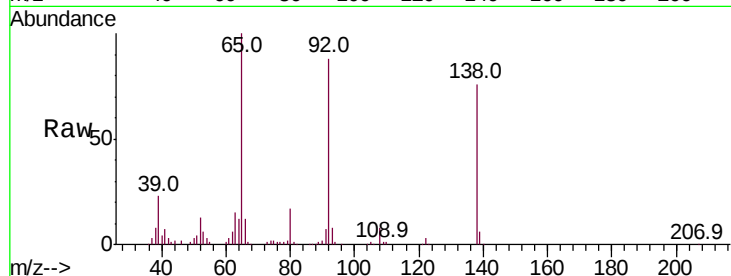
Tot Ion:138 Resp: 107218

Ion Ratio Lower Upper

138 100

108 10.0 11.0 16.6#

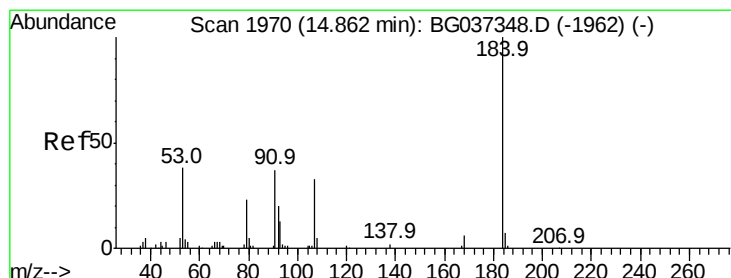
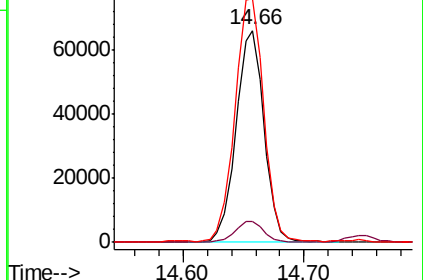
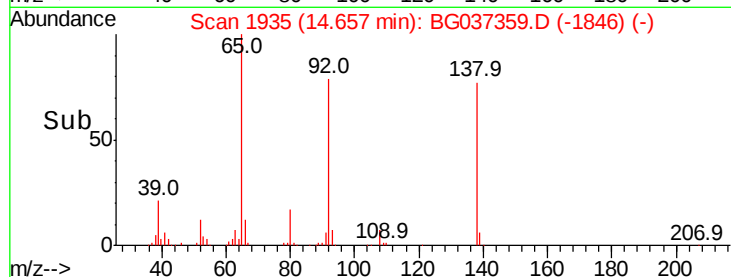
92 115.1 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 133.713 ng

RT: 14.86 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

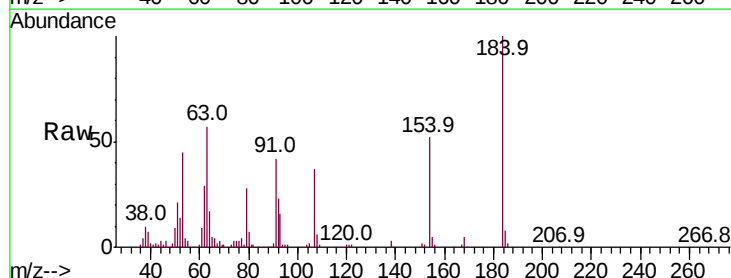
Tgt Ion:184 Resp: 92358

Ion Ratio Lower Upper

184 100

63 56.7 42.6 63.8

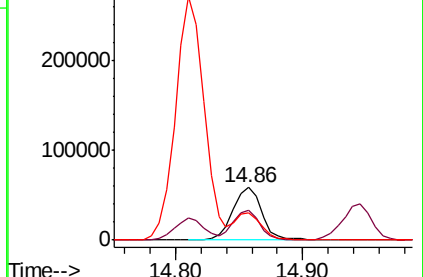
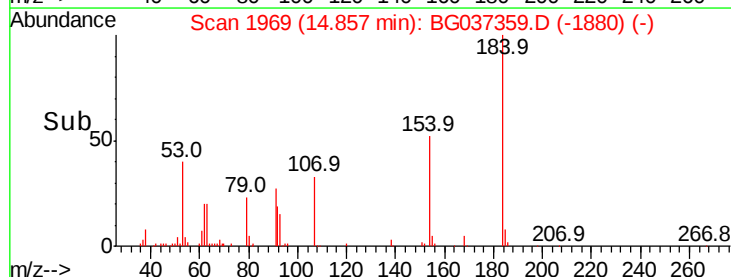
154 52.1 41.8 62.6

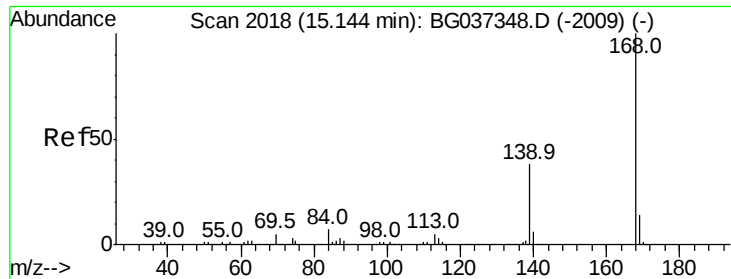


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

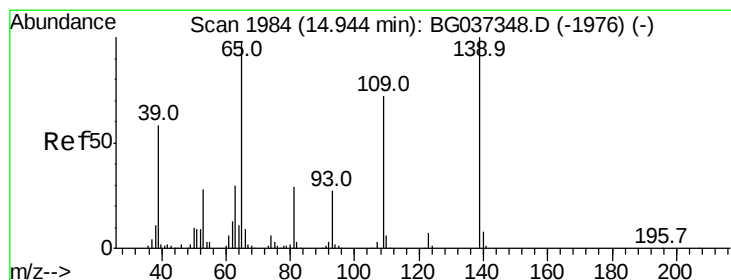
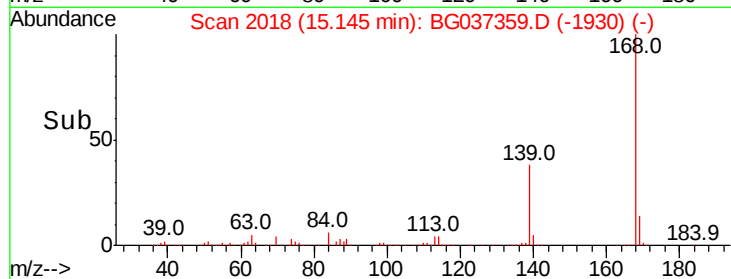
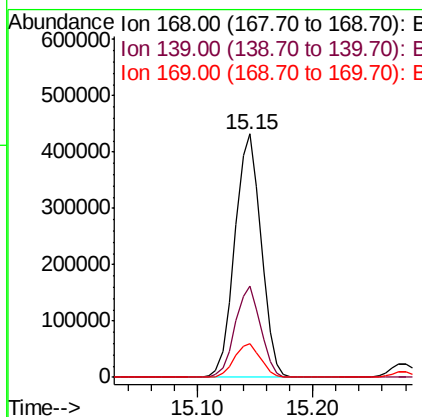
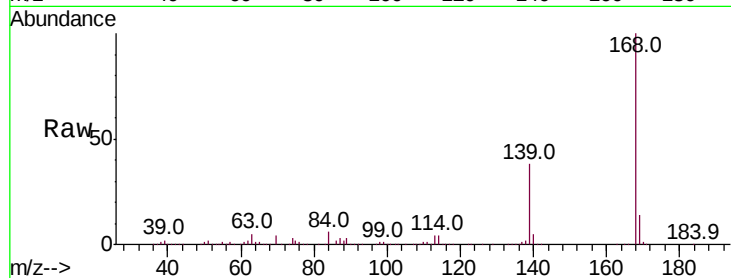




#55
Dibenzofuran
Concen: 40.668 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

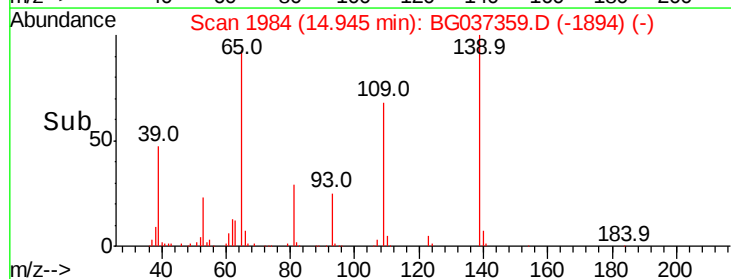
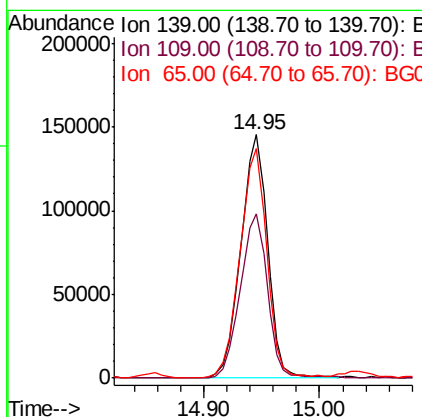
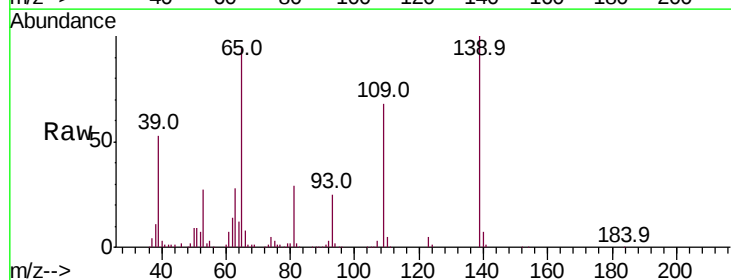
Instrument :
BNA_G
ClientSampled :

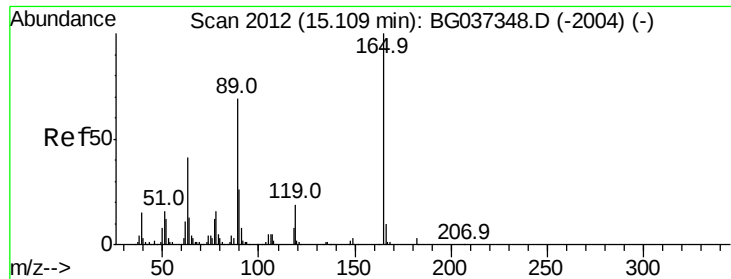
Tot Ion:168 Resp: 680543
Ion Ratio Lower Upper
168 100
139 37.7 29.4 44.0
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 104.065 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion:139 Resp: 234278
Ion Ratio Lower Upper
139 100
109 67.7 49.5 89.5
65 94.0 76.8 116.8

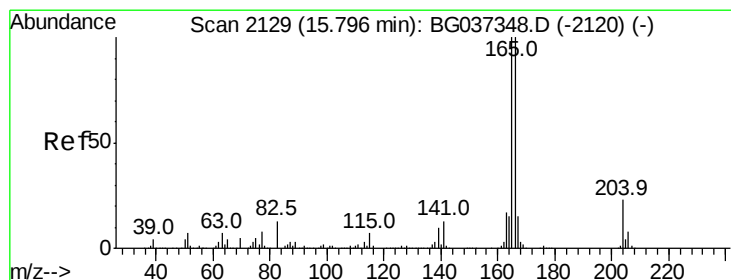
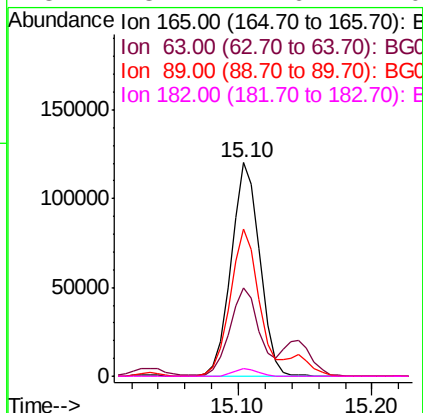
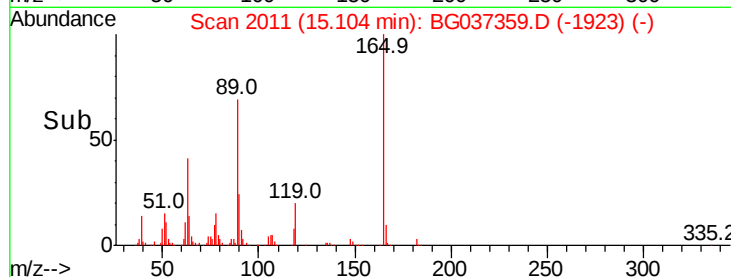
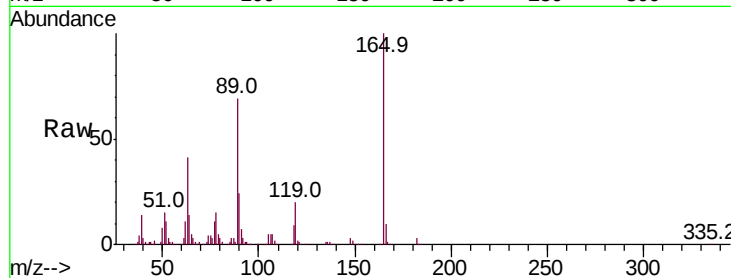




#57
2,4-Dinitrotoluene
Concen: 52.255 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

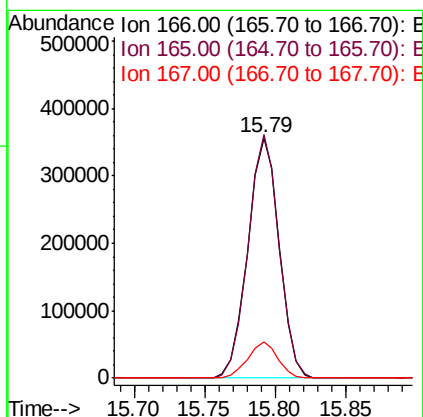
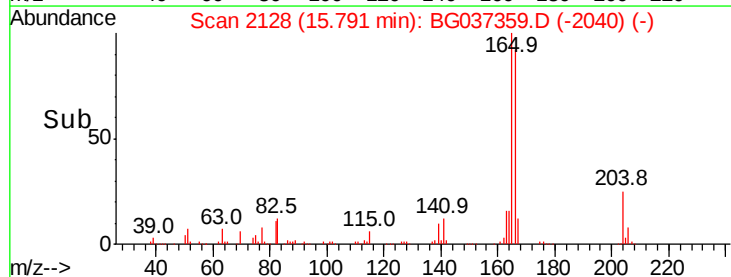
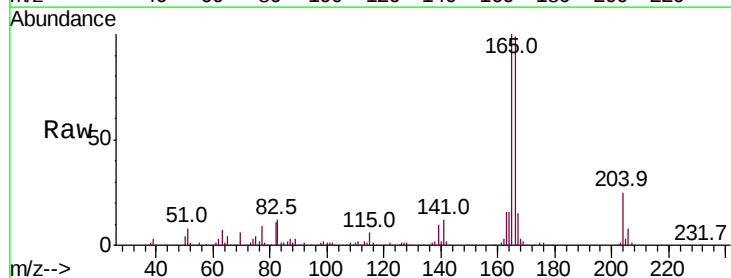
Instrument :
BNA_G
ClientSampleId :

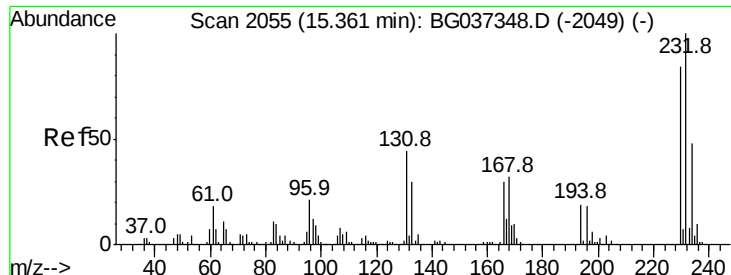
Tot Ion:165 Resp: 179134
Ion Ratio Lower Upper
165 100
63 41.4 33.4 50.0
89 68.9 57.2 85.8
182 3.4 2.6 4.0



#58
Fluorene
Concen: 43.901 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion:166 Resp: 555598
Ion Ratio Lower Upper
166 100
165 101.5 79.0 118.6
167 15.2 11.3 16.9

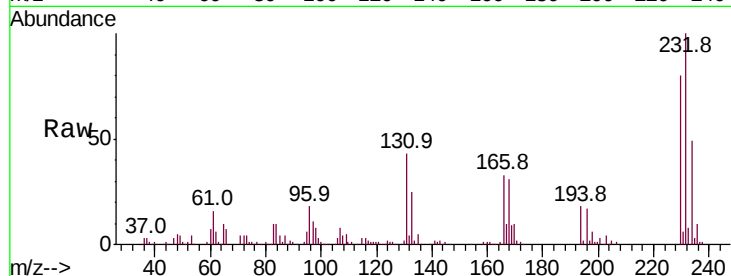




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.022 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	33.7	50.5
130	2.3	2.1	3.1
166	31.8	24.6	36.8



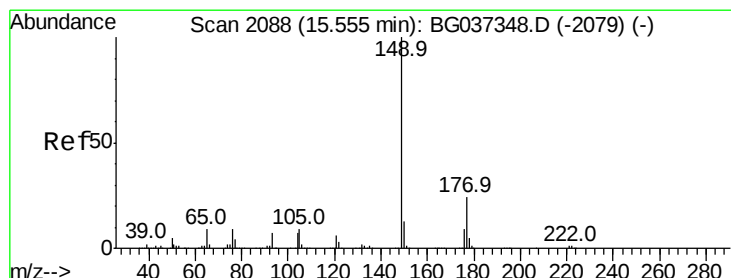
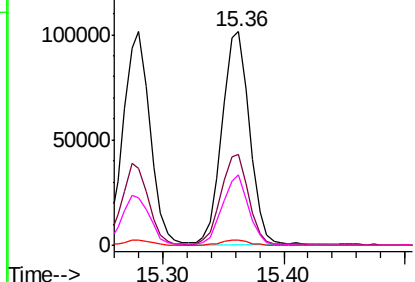
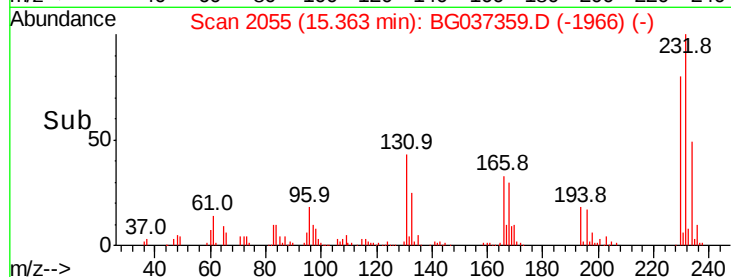
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

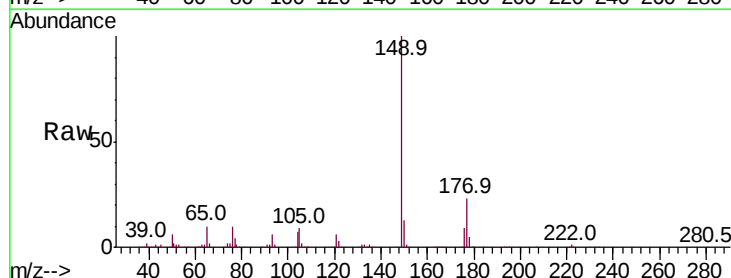
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.835 ng
 RT: 15.55 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	13.1	10.0	15.0

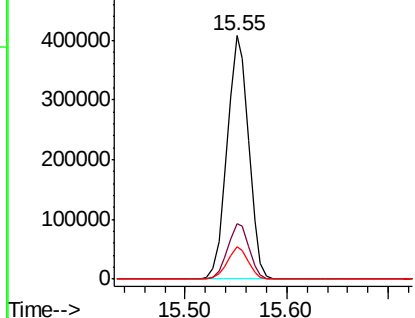
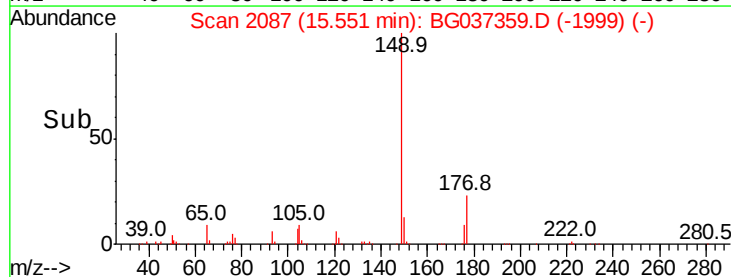


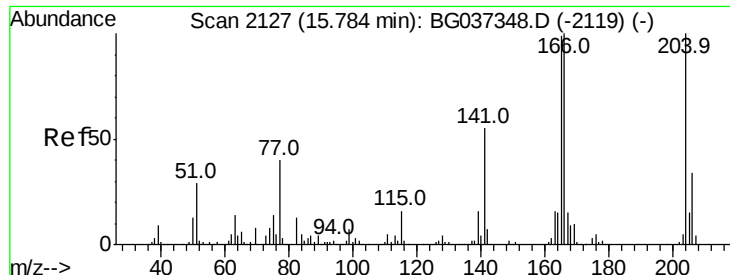
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

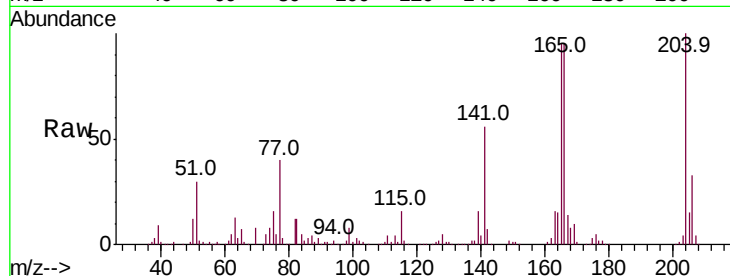




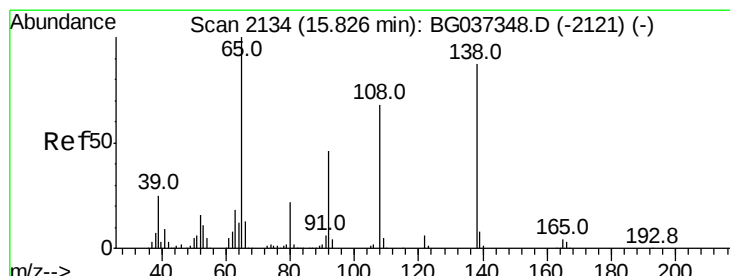
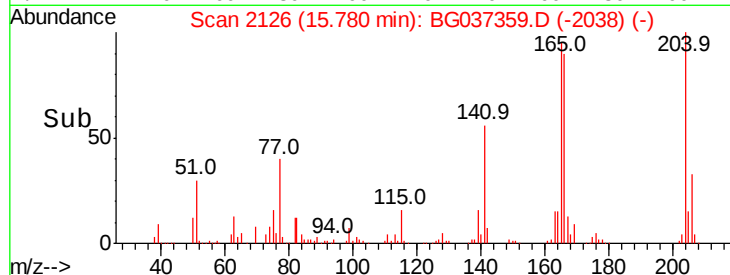
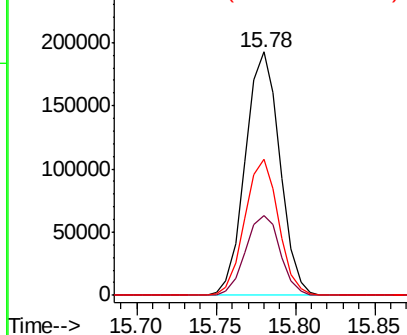
#61
 4-Chlorophenyl-phenylether
 Concen: 39.314 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 290831
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.6 39.8
 141 56.1 45.4 68.2

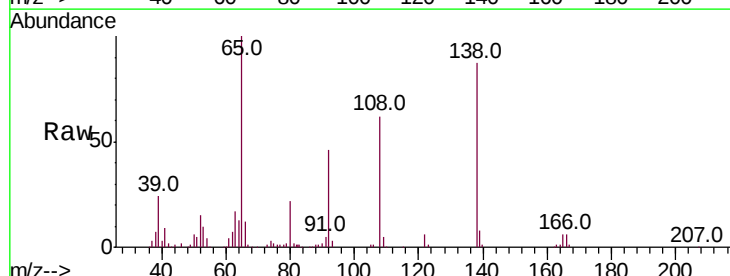


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

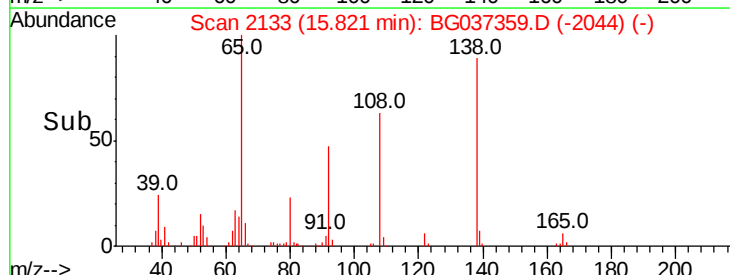
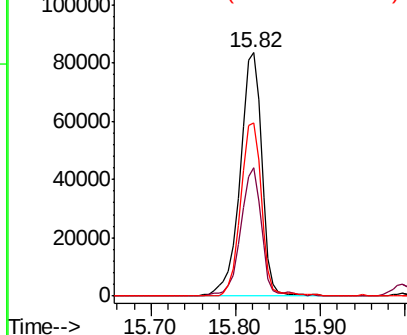


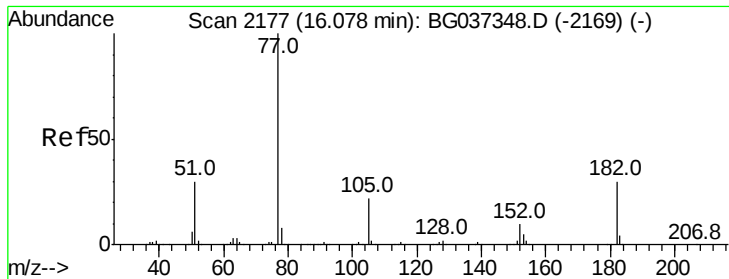
#62
 4-Nitroaniline
 Concen: 48.813 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion:138 Resp: 147971
 Ion Ratio Lower Upper
 138 100
 92 52.8 36.4 76.4
 108 70.9 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.781 ng

RT: 16.07 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 559341

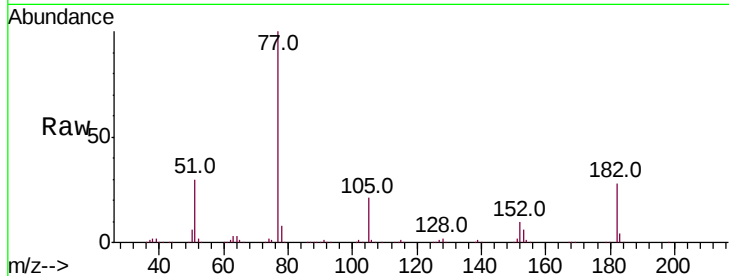
Ion Ratio Lower Upper

77 100

182 27.8 8.0 48.0

105 21.3 1.3 41.3

51 29.6 10.7 50.7

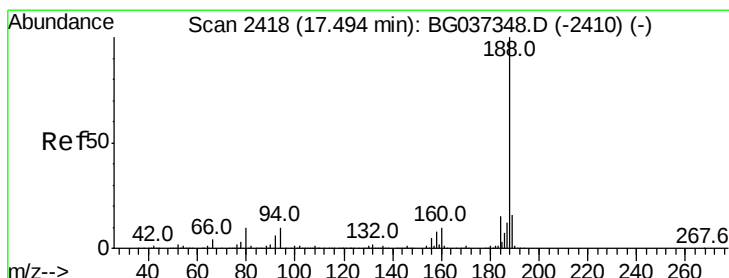
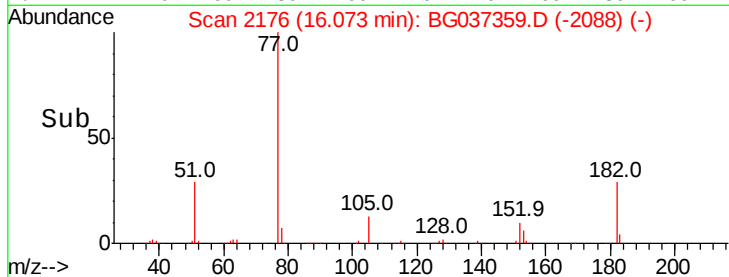
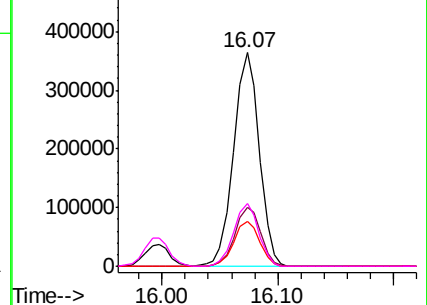


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

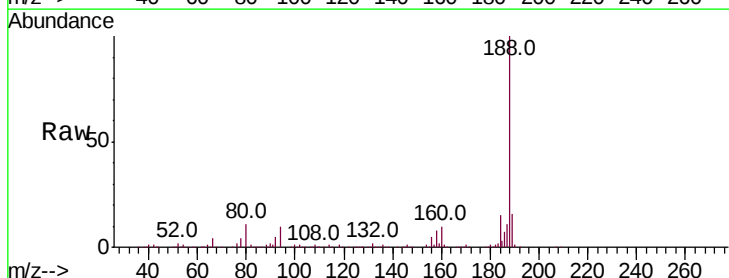
Tgt Ion: 188 Resp: 430901

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

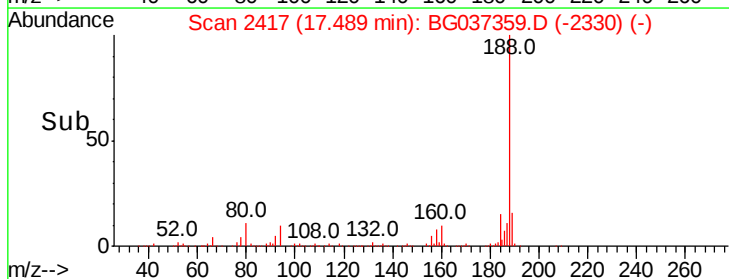
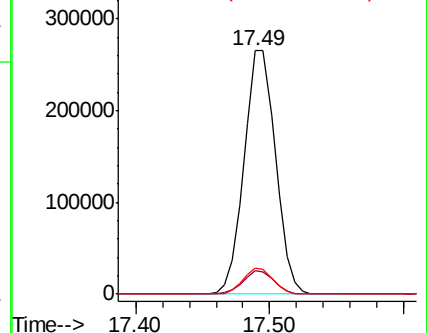
80 10.7 7.7 11.5

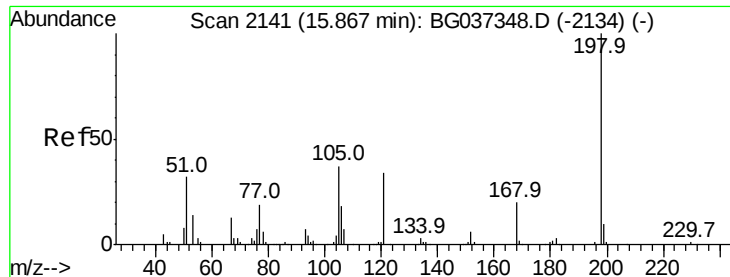


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 57.063 ng

RT: 15.86 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

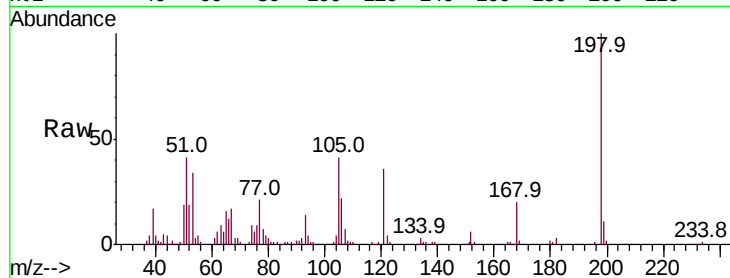
Tot Ion:198 Resp: 78692

Ion	Ratio	Lower	Upper
198	100		
51	41.3	22.7	62.7
105	41.3	19.7	59.7

198 100

51 41.3 22.7 62.7

105 41.3 19.7 59.7

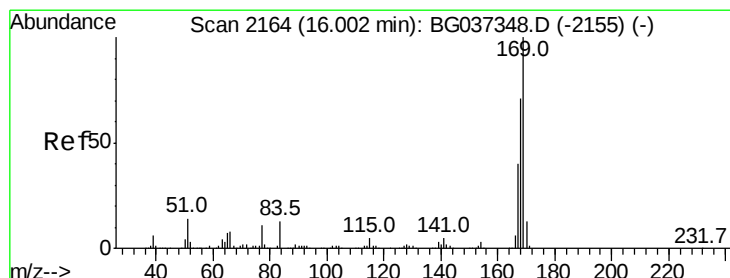
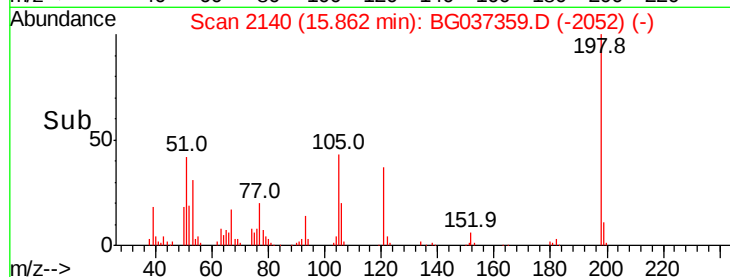
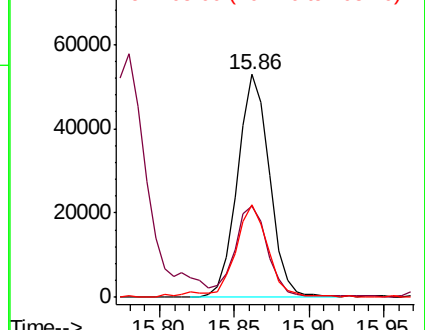


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.097 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

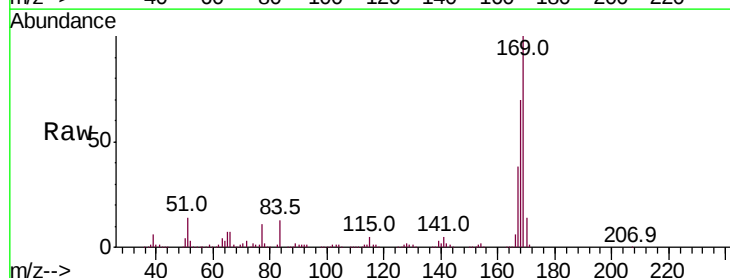
Tgt Ion:169 Resp: 520056

Ion	Ratio	Lower	Upper
169	100		
168	70.0	55.7	83.5
167	38.5	31.3	46.9

169 100

168 70.0 55.7 83.5

167 38.5 31.3 46.9

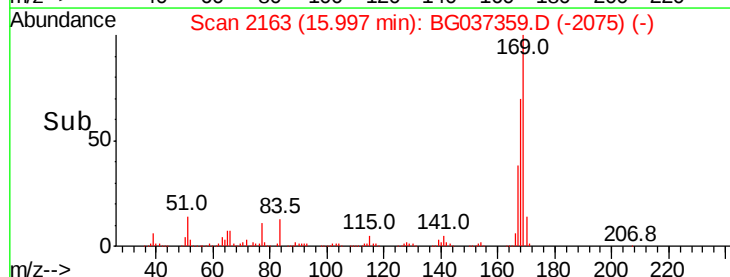
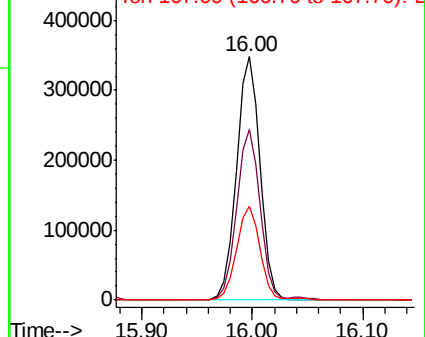


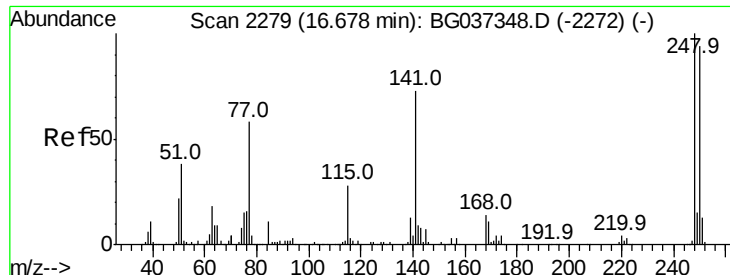
Abundance

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

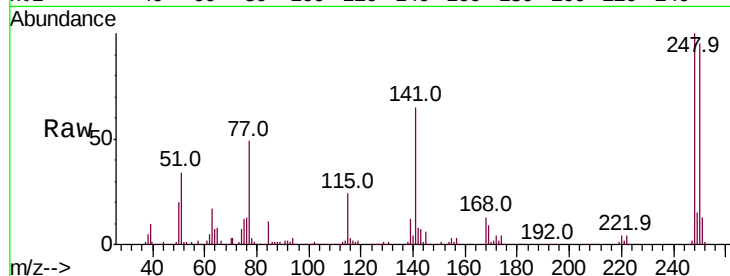




#67
 4-Bromophenyl-phenylether
 Concen: 40.453 ng
 RT: 16.68 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.0	115.6
141	64.8	55.5	83.3

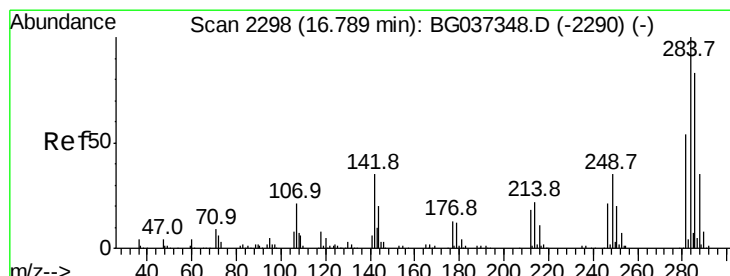
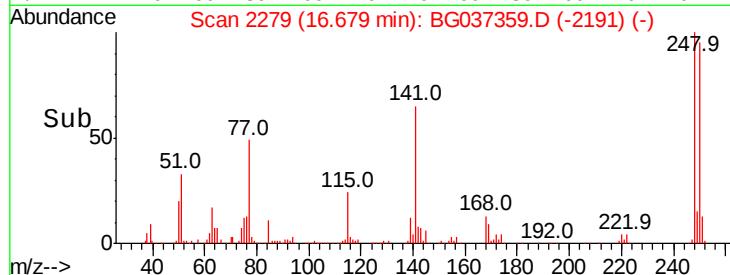
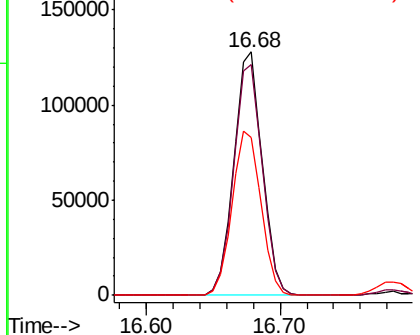


Abundance

Ion 248.00 (247.70 to 248.70): E

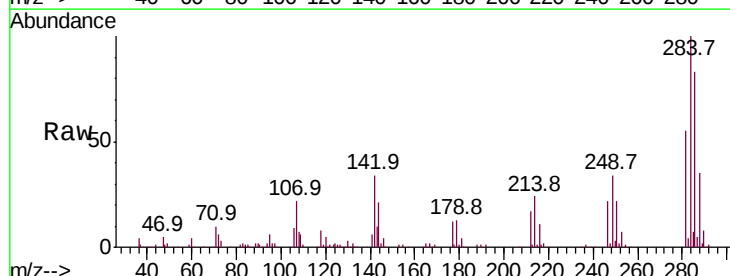
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.198 ng
 RT: 16.78 min Scan# 2297
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	28.1	42.1
249	37.0	29.8	44.8

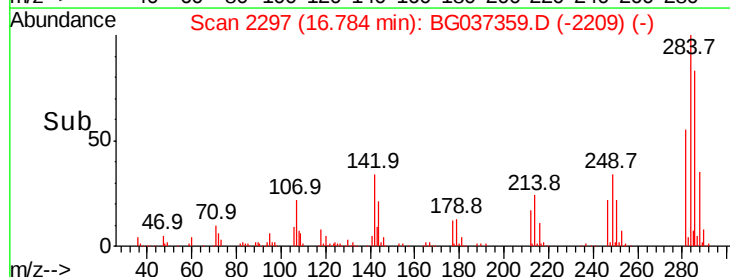
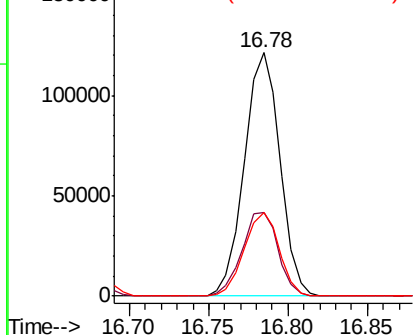


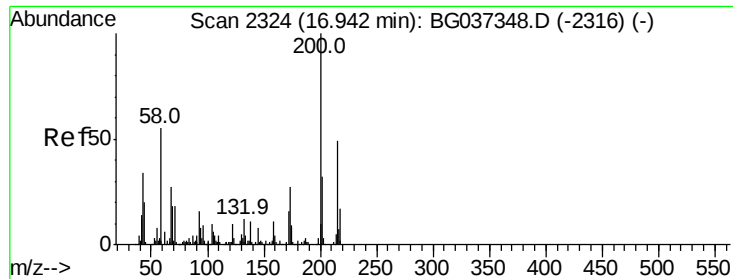
Abundance

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





#69

Atrazine

Concen: 43.341 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

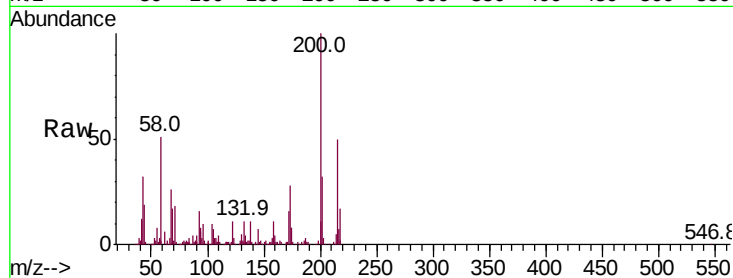
Tot Ion:200 Resp: 203841

Ion Ratio Lower Upper

200 100

173 27.6 6.1 46.1

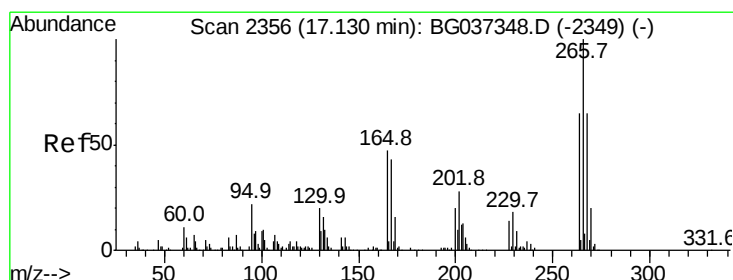
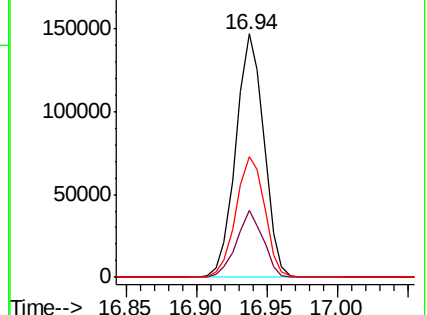
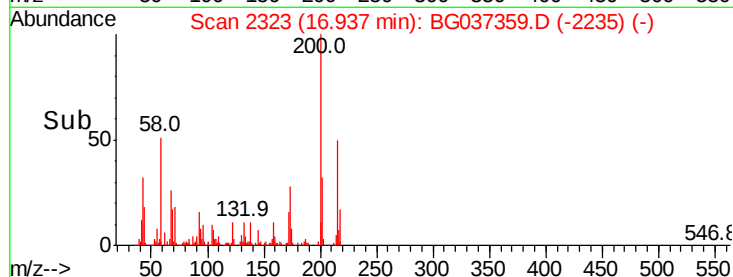
215 49.8 30.8 70.8



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



#70

Pentachlorophenol

Concen: 76.528 ng

RT: 17.13 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

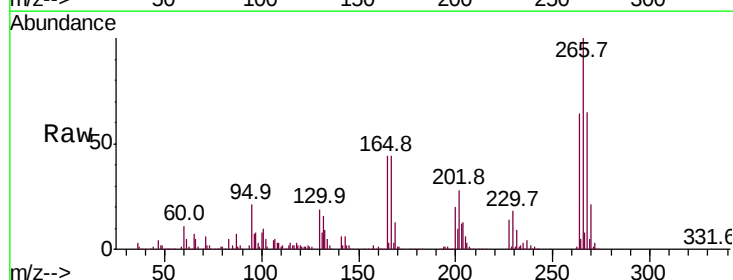
Tgt Ion:266 Resp: 238070

Ion Ratio Lower Upper

266 100

268 69.9 55.0 82.6

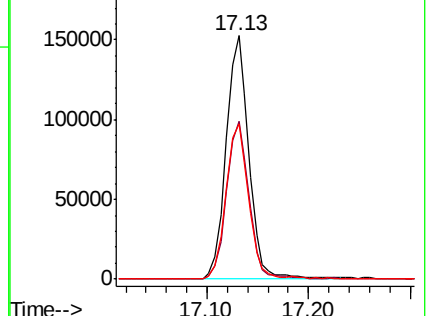
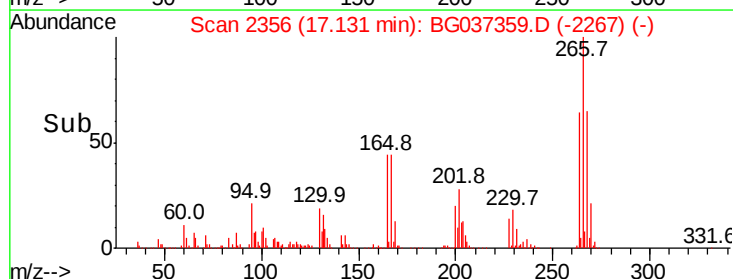
264 68.6 58.9 88.3

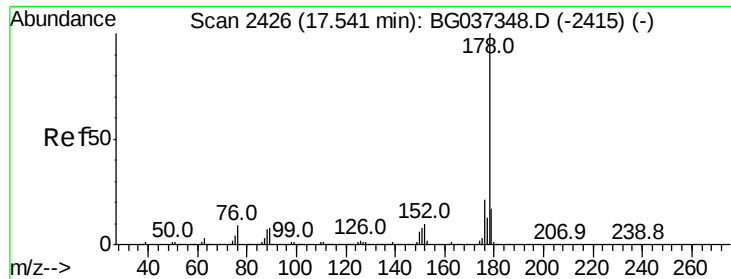


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

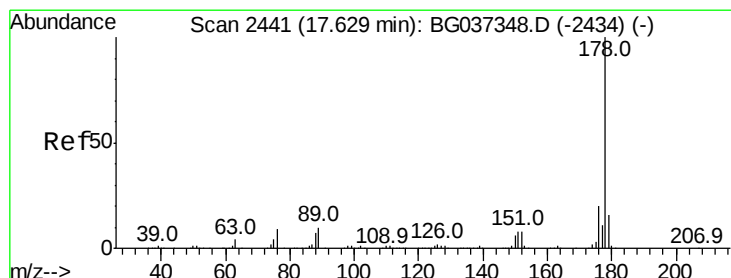
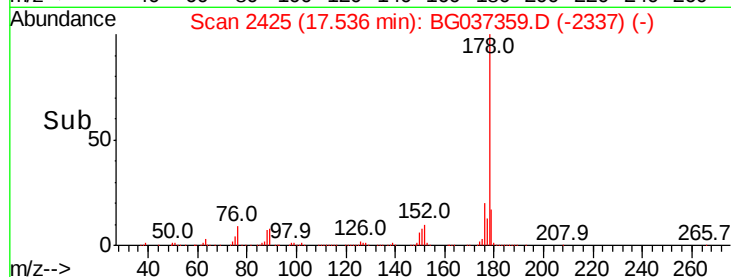
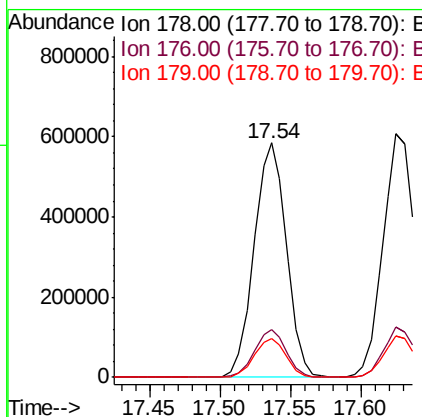
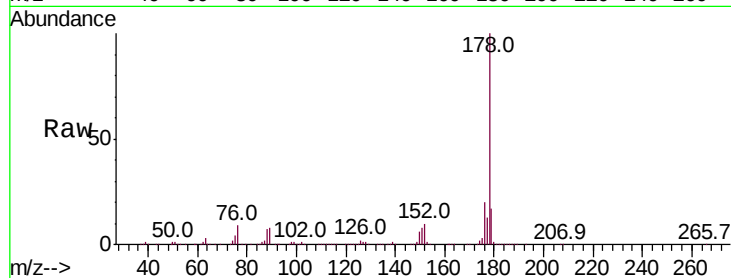




#71
Phenanthrene
Concen: 42.849 ng
RT: 17.54 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

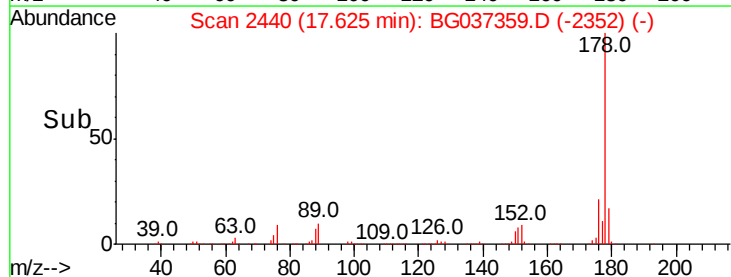
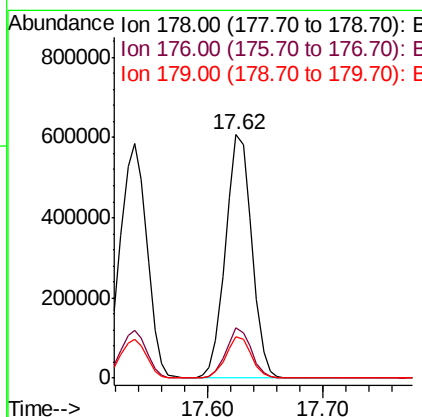
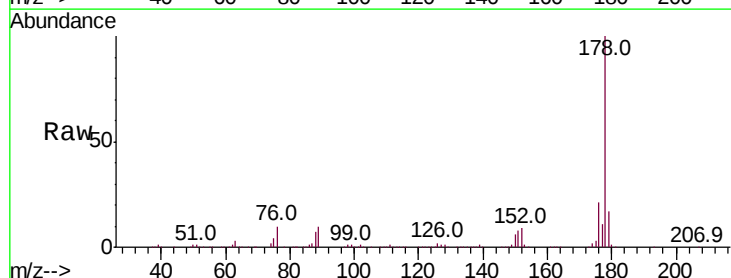
Instrument :
BNA_G
ClientSampleId :

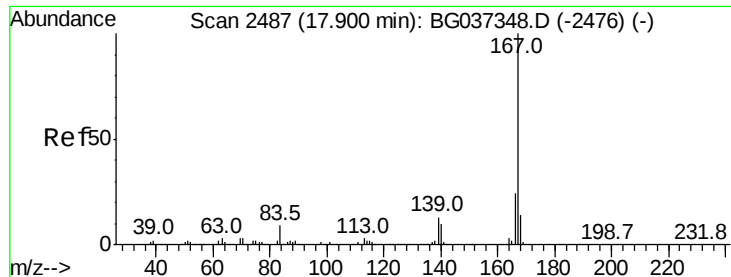
Tot Ion:178 Resp: 939873
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 16.7 13.0 19.4



#72
Anthracene
Concen: 44.472 ng
RT: 17.62 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion:178 Resp: 954782
Ion Ratio Lower Upper
178 100
176 20.5 15.0 22.4
179 16.8 12.8 19.2

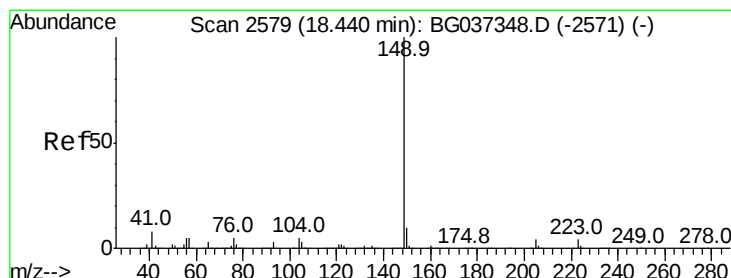
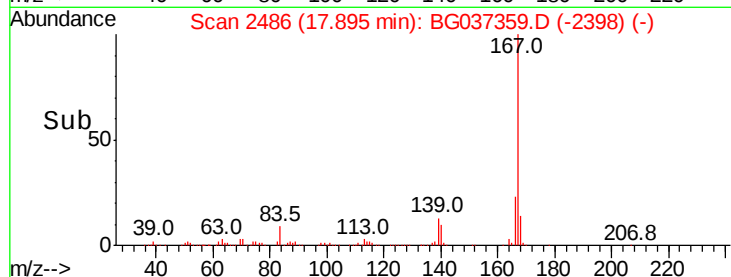
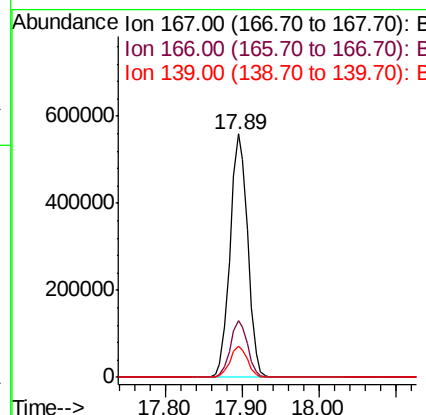
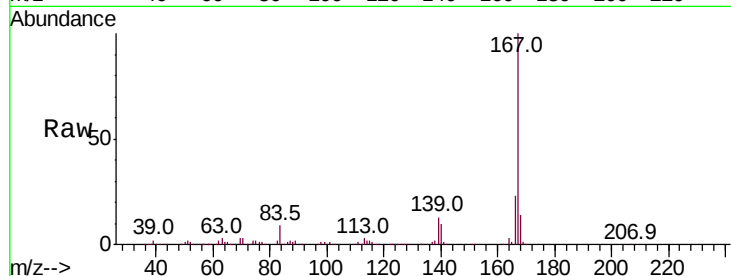




#73
 Carbazole
 Concen: 40.271 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

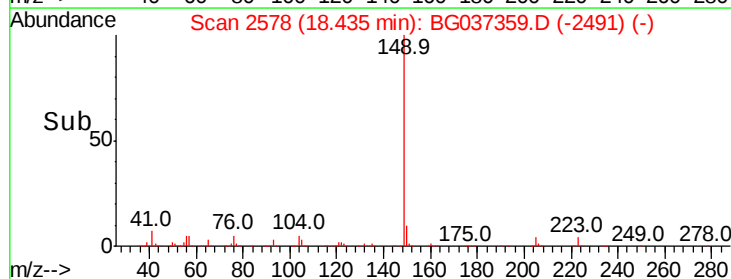
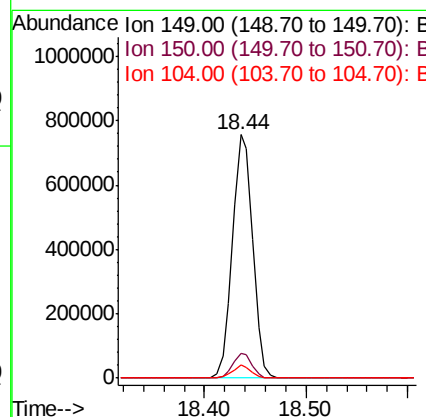
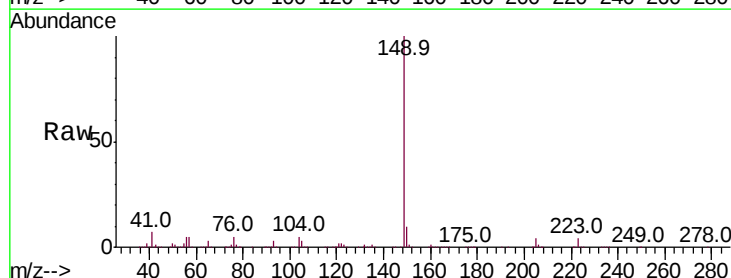
Instrument :
 BNA_G
 ClientSampleId :

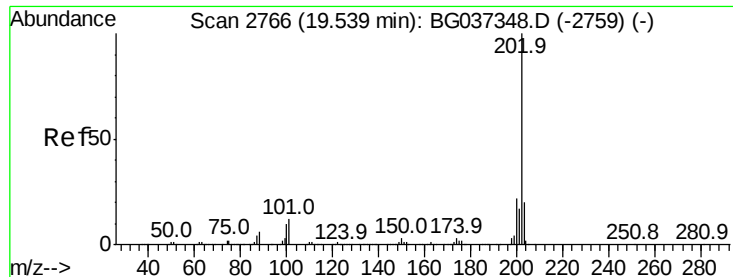
Tot Ion:167 Resp: 890821
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.3 27.5
 139 12.7 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 44.090 ng
 RT: 18.44 min Scan# 2578
 Delta R.T. -0.02 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion:149 Resp: 1045343
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.2 12.2
 104 5.3 4.0 6.0





#75

Fluoranthene

Concen: 43.968 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

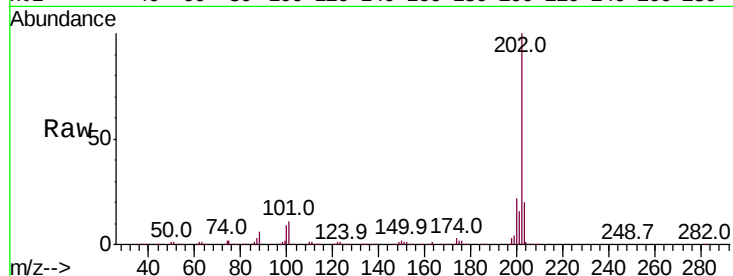
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1127196

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.7
203	19.7	0.0	38.5

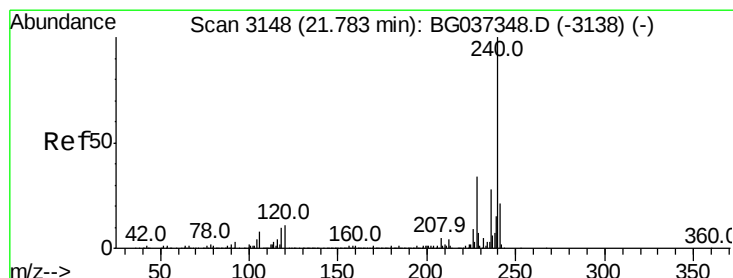
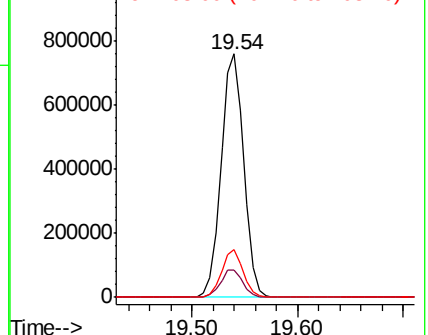
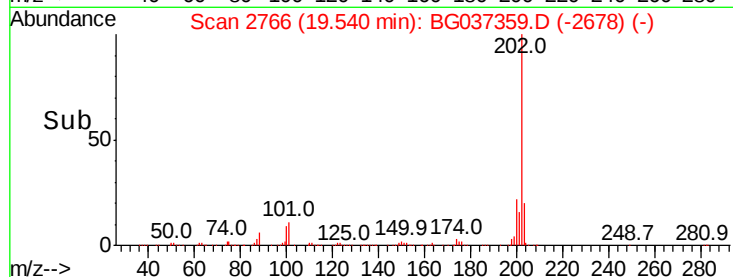


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

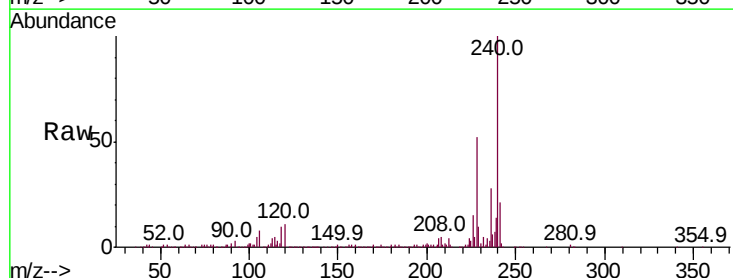
Delta R.T. -0.02 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion:240 Resp: 402038

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	28.1	21.4	32.0

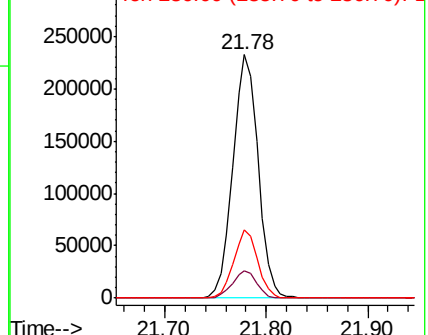
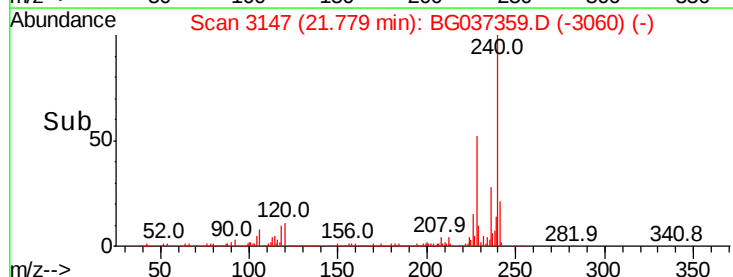


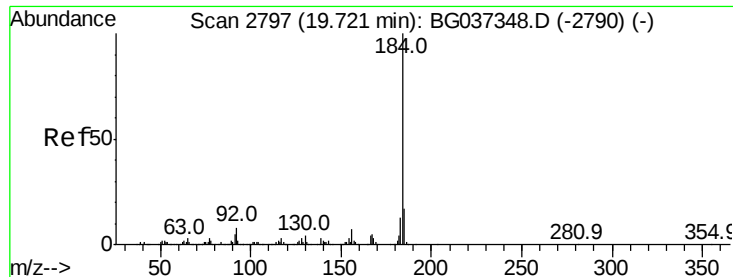
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.259 ng

RT: 19.72 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampled :

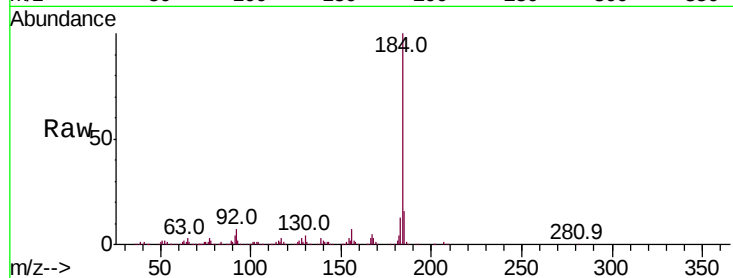
Tot Ion:184 Resp: 557670

Ion Ratio Lower Upper

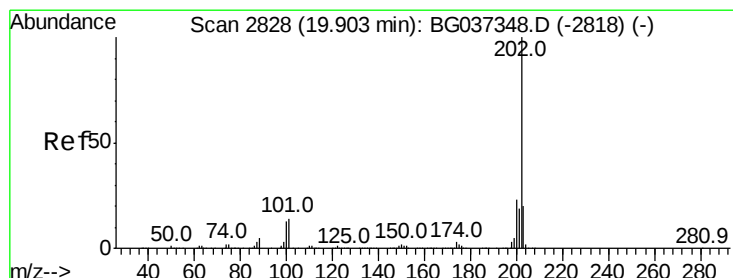
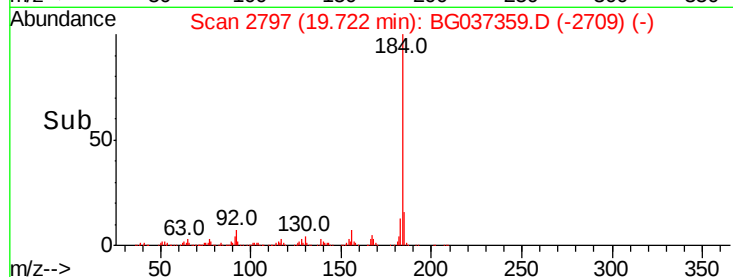
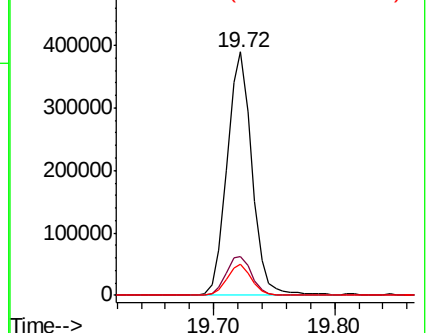
184 100

185 16.1 12.6 18.8

183 12.8 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.474 ng

RT: 19.90 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

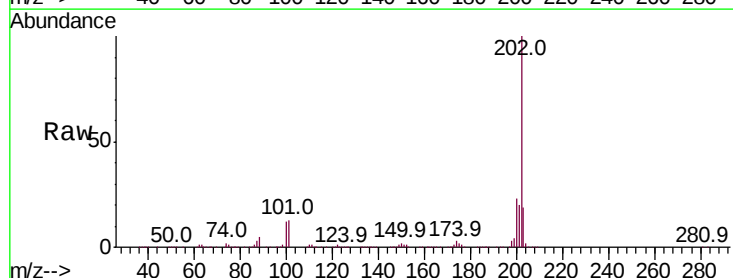
Tgt Ion:202 Resp: 1112920

Ion Ratio Lower Upper

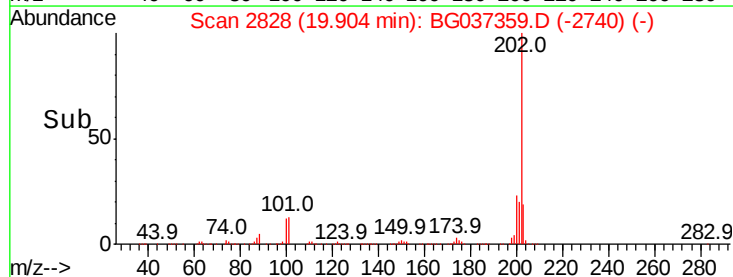
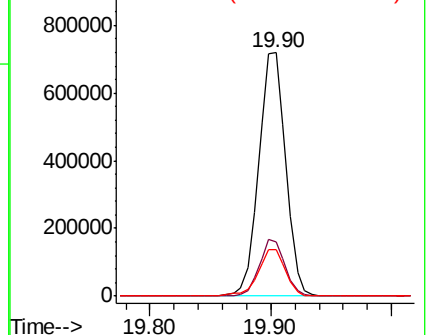
202 100

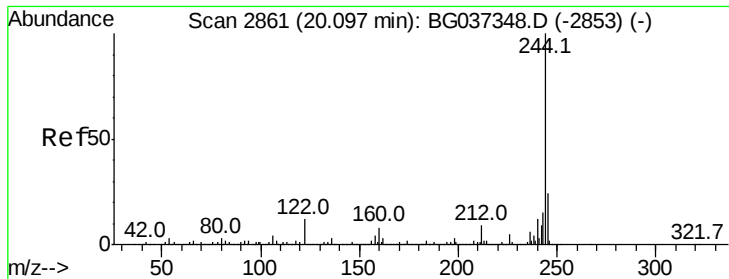
200 22.5 17.8 26.6

203 19.2 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



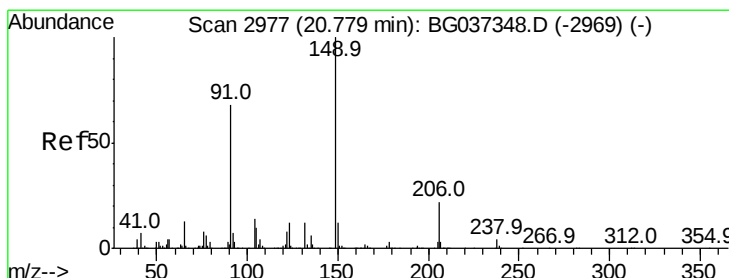
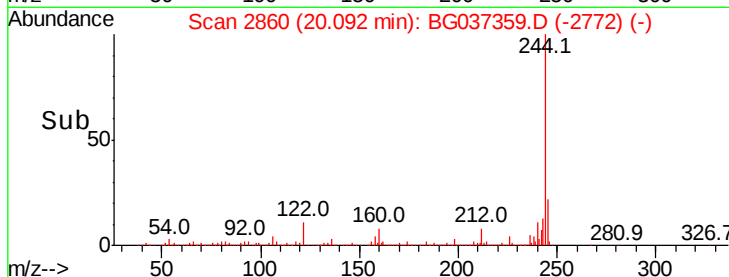
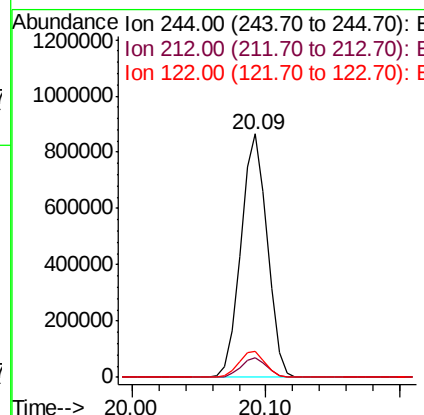
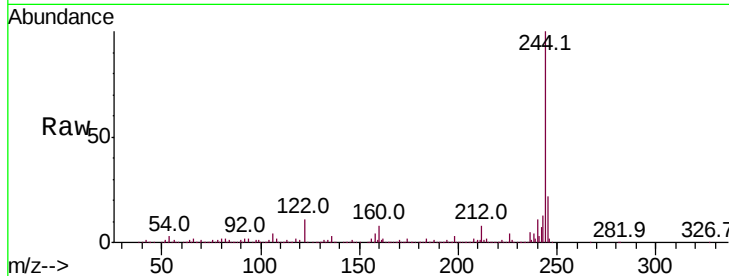


#79
 Terphenyl-d14
 Concen: 61.676 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:244 Resp: 1180907

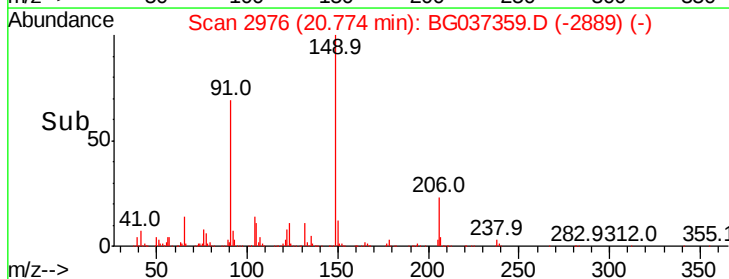
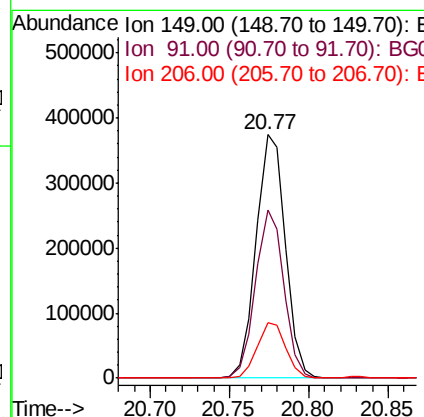
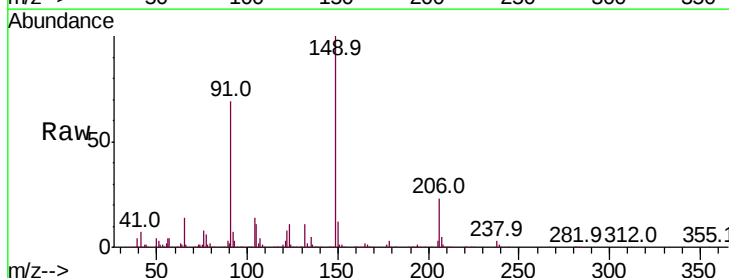
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.8	9.0	13.4

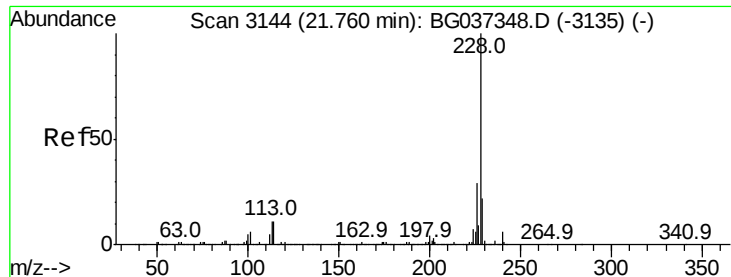


#80
 Butylbenzylphthalate
 Concen: 47.230 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. -0.02 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion:149 Resp: 481491

Ion	Ratio	Lower	Upper
149	100		
91	69.0	57.0	85.4
206	22.8	17.8	26.6





#81

Benzo(a)anthracene

Concen: 43.419 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

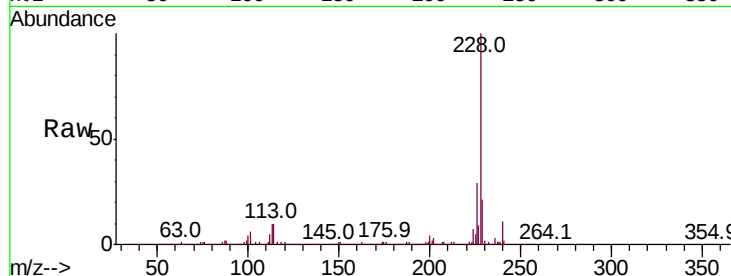
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1045462

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.9	16.3	24.5

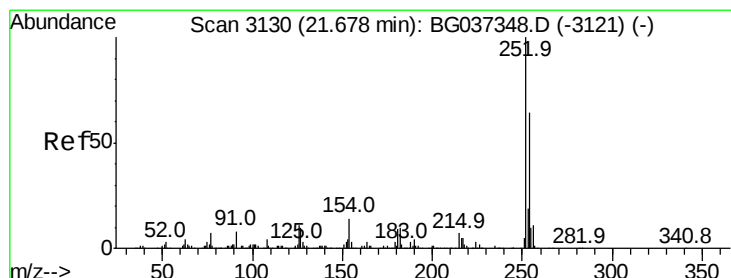
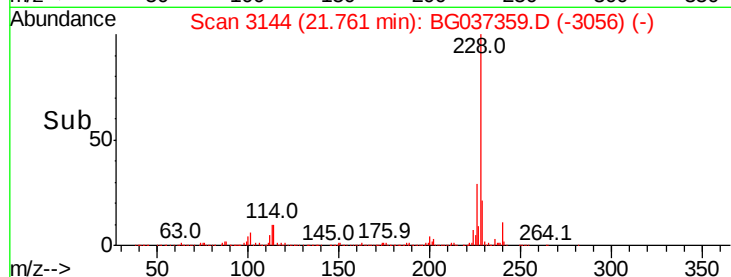
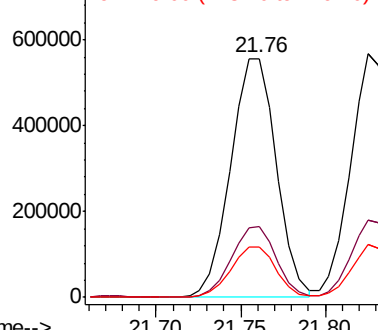


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 29.704 ng

RT: 21.67 min Scan# 3129

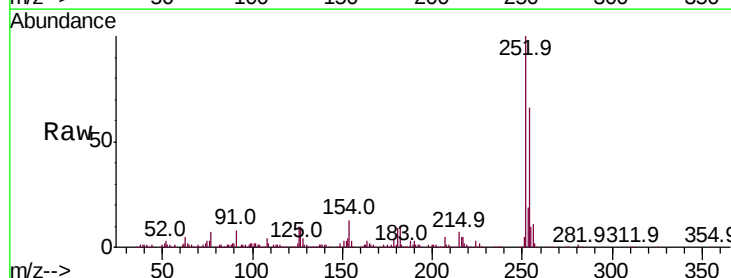
Delta R.T. -0.02 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion:252 Resp: 275895

Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.0	78.0
126	10.3	8.2	12.4

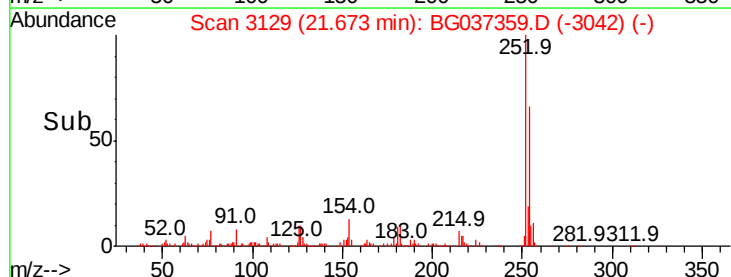
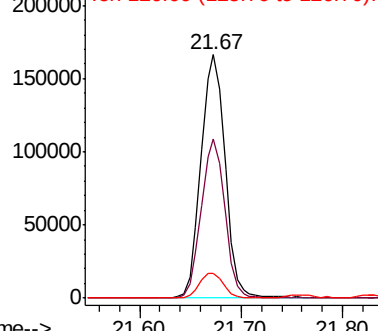


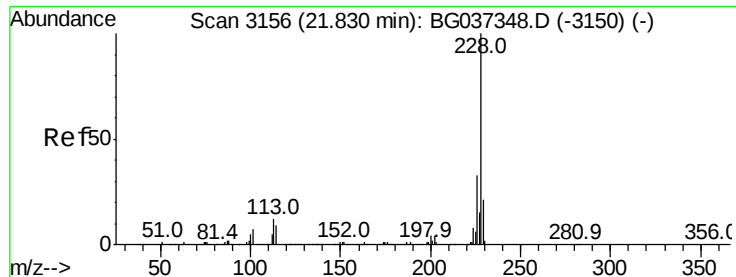
Abundance

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





#83

Chrysene

Concen: 42.508 ng

RT: 21.83 min Scan# 3155

Delta R.T. -0.02 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

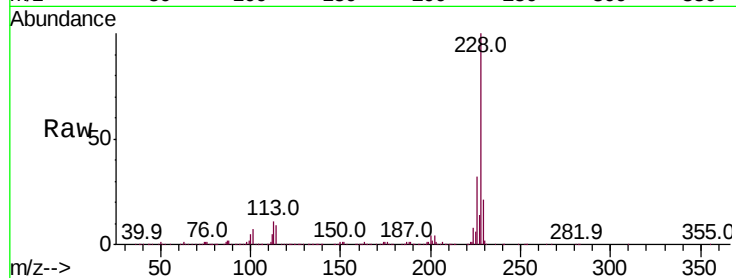
Tot Ion:228 Resp: 976340

Ion Ratio Lower Upper

228 100

226 31.6 25.7 38.5

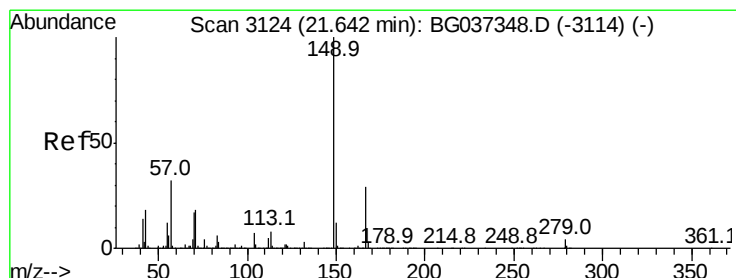
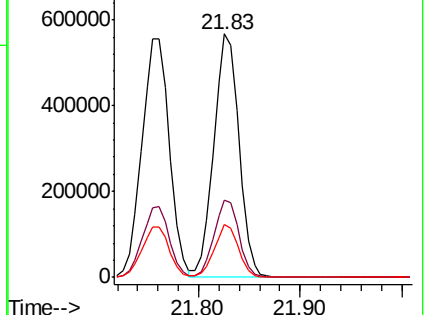
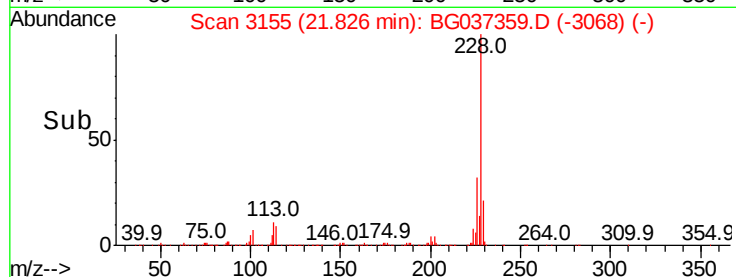
229 21.5 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.146 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.03 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

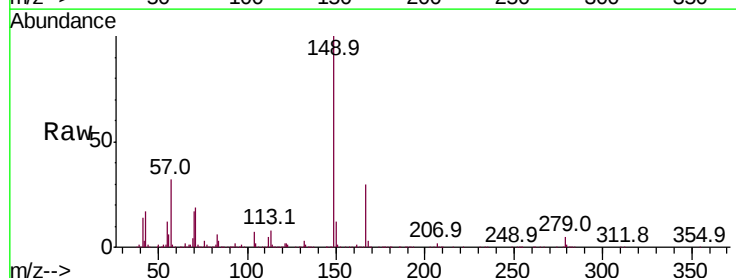
Tgt Ion:149 Resp: 660889

Ion Ratio Lower Upper

149 100

167 29.8 23.0 34.4

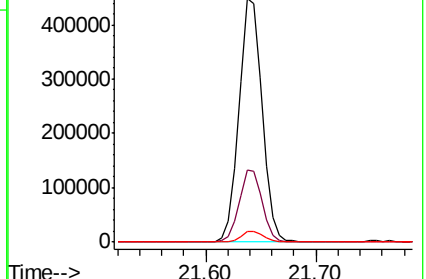
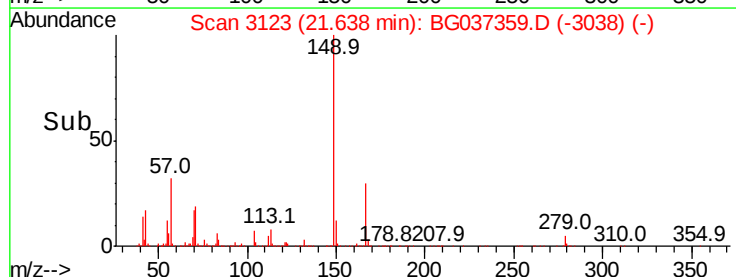
279 4.5 3.6 5.4

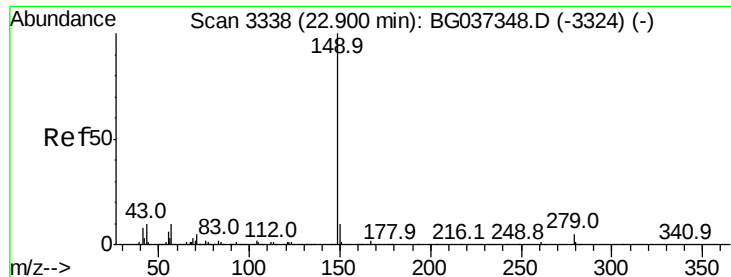


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.681 ng

RT: 22.89 min Scan# 3337

Delta R.T. -0.04 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

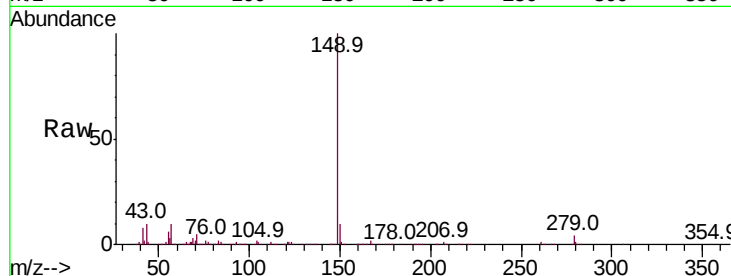
Tot Ion:149 Resp: 1109156

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

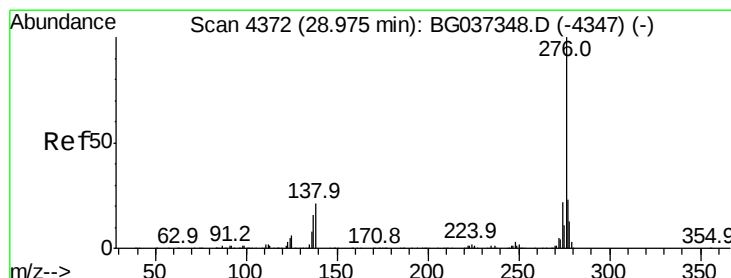
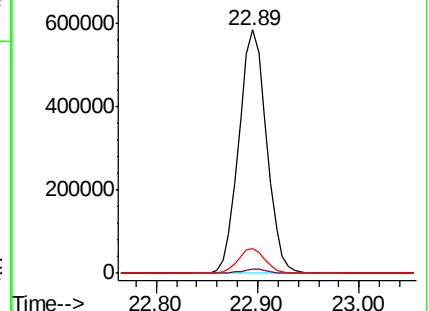
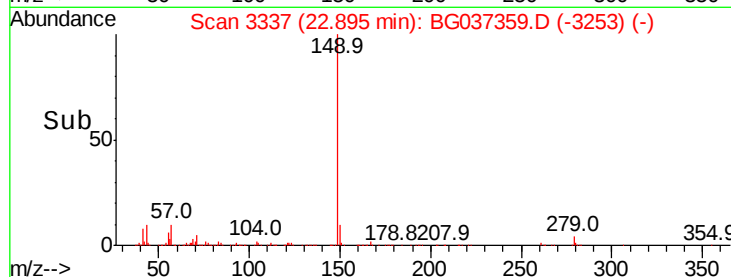
43 9.9 8.7 13.1



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.829 ng

RT: 28.95 min Scan# 4368

Delta R.T. -0.06 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

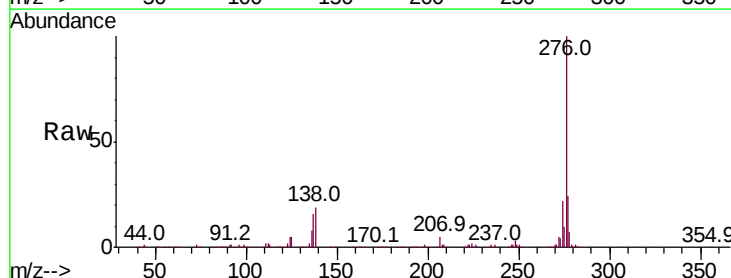
Tgt Ion:276 Resp: 1141285

Ion Ratio Lower Upper

276 100

138 25.7 12.0 18.0#

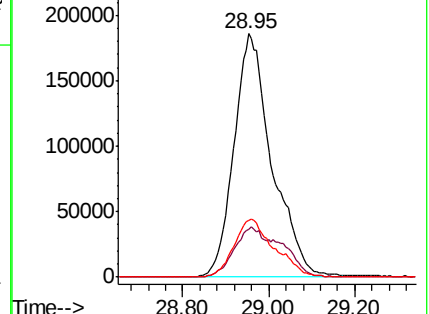
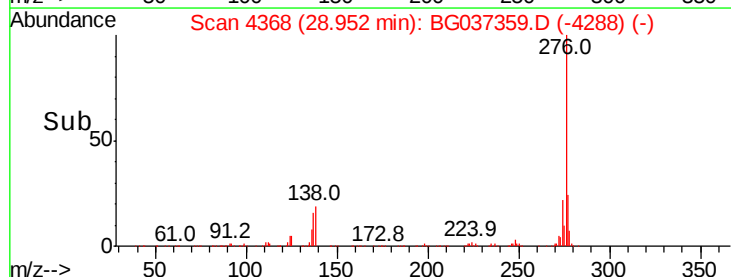
277 25.4 20.6 30.8

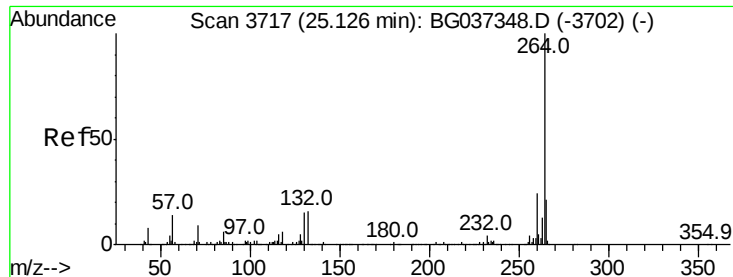


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

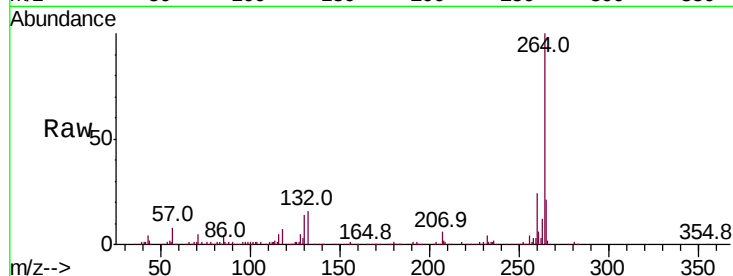
Tot Ion:264 Resp: 415533

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

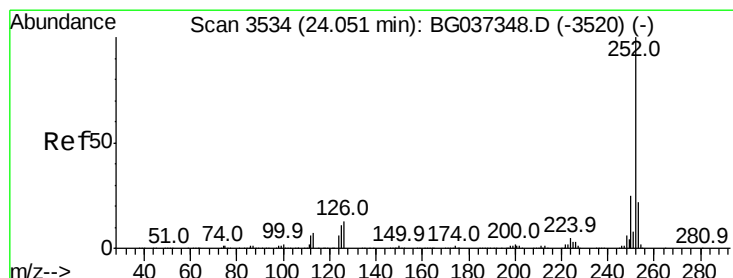
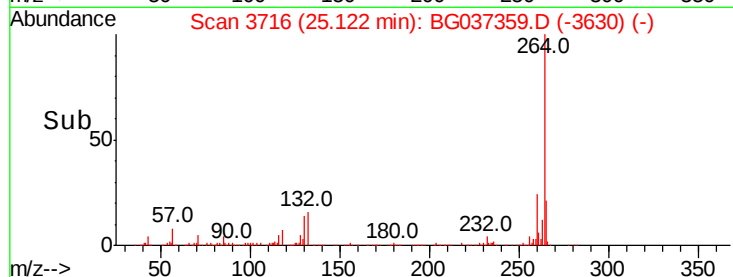
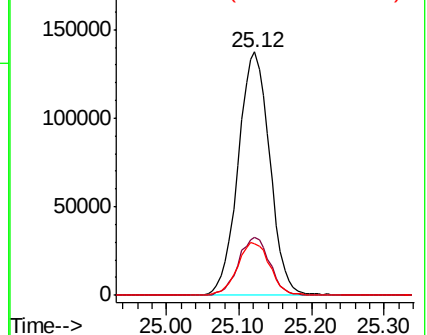
265 21.1 17.9 26.9



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



#88

Benzo(b)fluoranthene

Concen: 46.387 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

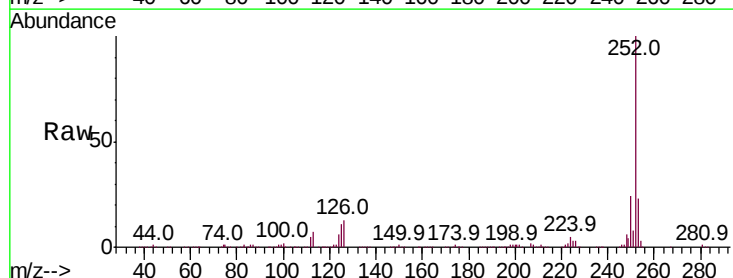
Tgt Ion:252 Resp: 1047956

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

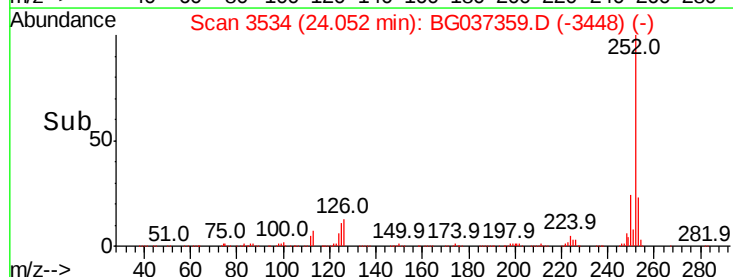
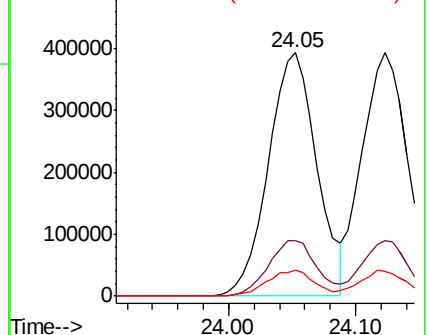
125 10.6 7.8 11.6

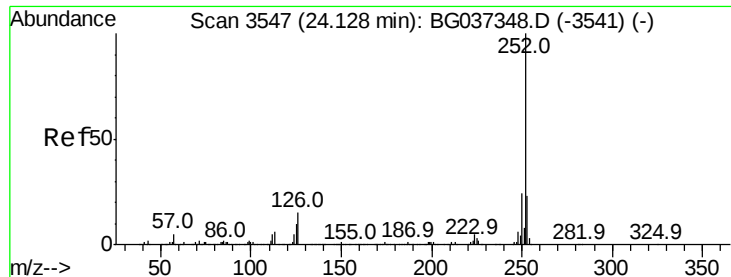


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

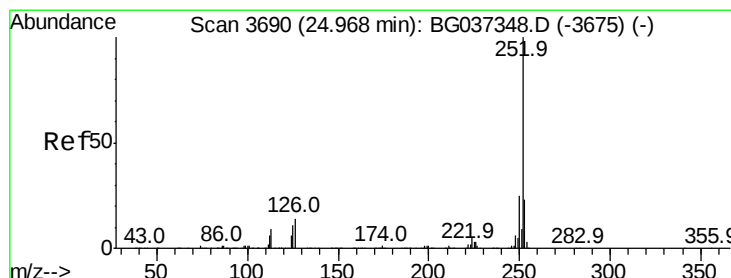
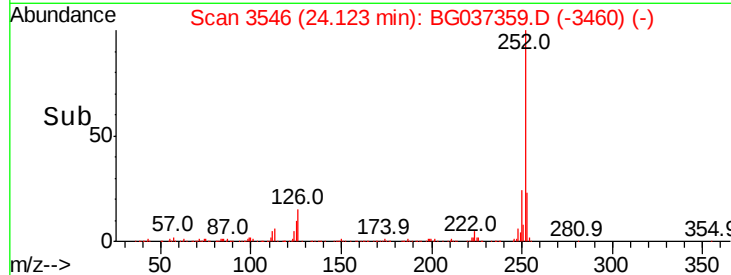
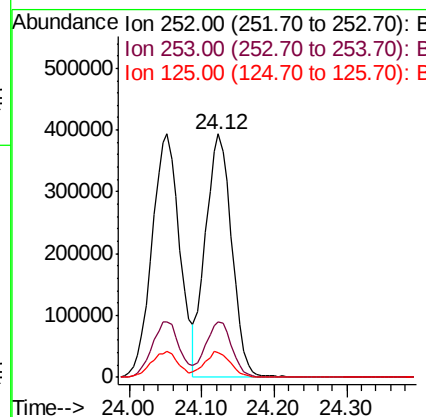
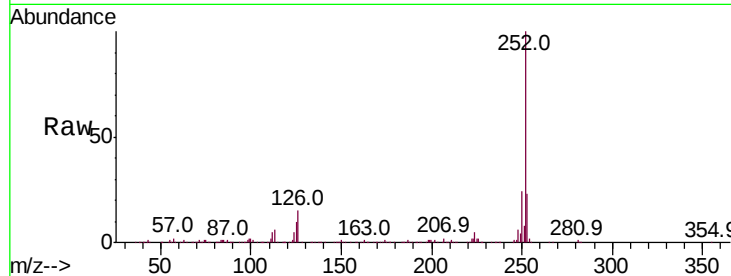




#89
Benzo(k)fluoranthene
Concen: 44.206 ng
RT: 24.12 min Scan# 3546
Delta R.T. -0.02 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

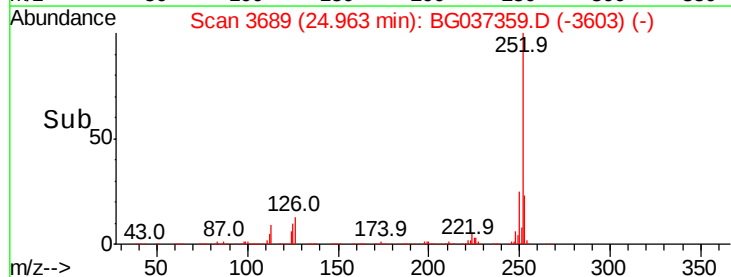
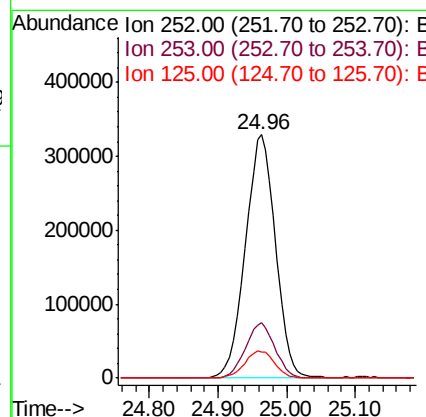
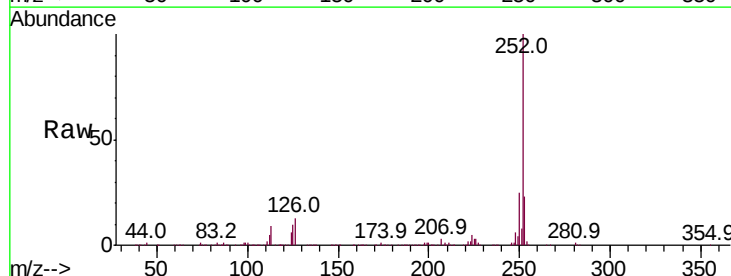
Instrument :
BNA_G
ClientSampleId :

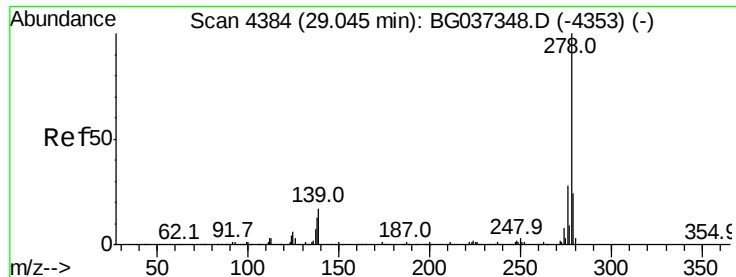
Tot Ion:252 Resp: 985473
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.3 7.4 11.0



#90
Benzo(a)pyrene
Concen: 46.324 ng
RT: 24.96 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion:252 Resp: 1003522
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 10.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 44.357 ng

RT: 29.04 min Scan# 4383

Delta R.T. -0.04 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

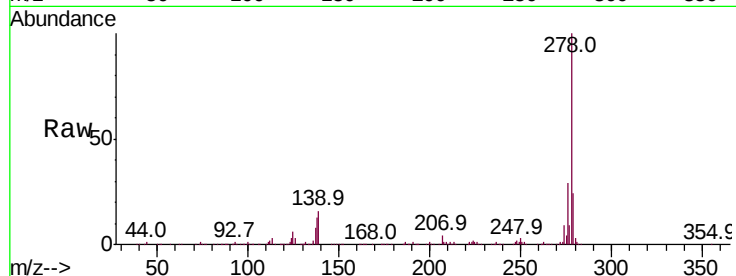
Tot Ion:278 Resp: 919429

Ion Ratio Lower Upper

278 100

139 16.0 11.5 17.3

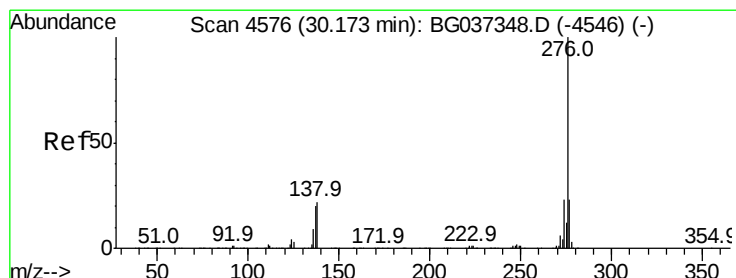
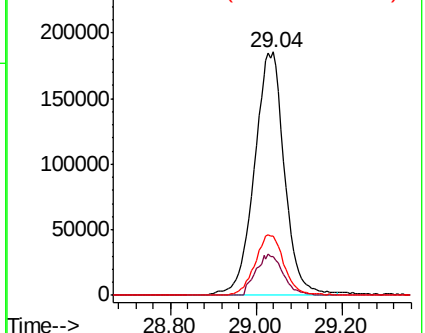
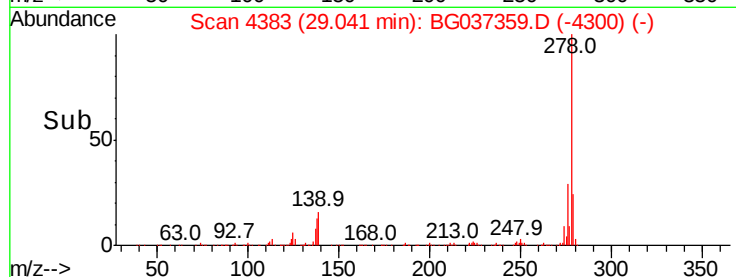
279 24.4 18.6 27.8



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



#92

Benzo(g,h,i)perylene

Concen: 45.287 ng

RT: 30.17 min Scan# 4575

Delta R.T. -0.05 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

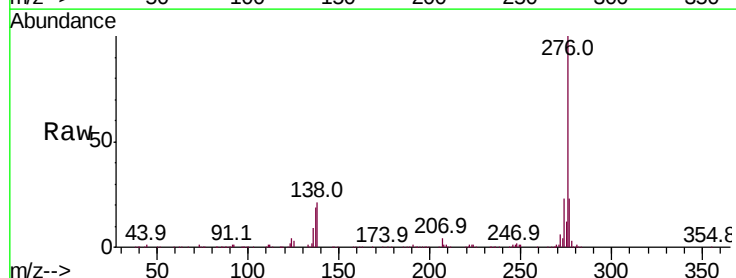
Tgt Ion:276 Resp: 937530

Ion Ratio Lower Upper

276 100

277 22.8 18.9 28.3

138 21.5 17.2 25.8



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

