

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032360.D
 Acq On : 27 Jan 2018 17:24
 Operator : SJ/JU
 Sample : PB106052BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106052BS

Quant Time: Jan 27 23:21:11 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	41304	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	162179	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	109250	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	278202	20.00	ng	0.00
75) Chrysene-d12	22.42	240	347428	20.00	ng	0.00
86) Perylene-d12	26.10	264	375750	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.16	112	270557	119.80	ng	0.00
7) Phenol-d6	7.84	99	329504	115.85	ng	0.00
23) Nitrobenzene-d5	9.92	82	204629	85.36	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	234790	129.87	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	710137	80.60	ng	0.00
78) Terphenyl-d14	20.63	244	1316864	83.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.81	88	24819	28.606	ng	# 77
3) Pyridine	4.27	79	71259	30.770	ng	# 81
4) n-Nitrosodimethylamine	4.18	42	43235	53.139	ng	# 77
6) Aniline	8.02	93	55932	15.590	ng	95
8) 2-Chlorophenol	8.27	128	106615	42.189	ng	83
9) Benzaldehyde	7.82	77	43626	26.473	ng	90
10) Phenol	7.87	94	113662	40.567	ng	89
11) bis(2-Chloroethyl)ether	8.11	93	79314	35.334	ng	# 81
12) 1,3-Dichlorobenzene	8.61	146	126919	38.374	ng	95
13) 1,4-Dichlorobenzene	8.76	146	126462	37.975	ng	94
14) 1,2-Dichlorobenzene	9.09	146	120216	37.323	ng	96
15) Benzyl Alcohol	8.96	79	91340	44.206	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.26	45	73801	32.352	ng	78
17) 2-Methylphenol	9.16	107	82267	38.420	ng	# 92
18) Hexachloroethane	9.85	117	42284	41.315	ng	# 80
19) n-Nitroso-di-n-propylamine	9.53	70	66504	37.685	ng	# 88
20) 3+4-Methylphenols	9.49	107	113728	38.340	ng	94
22) Acetophenone	9.56	105	146427	39.748	ng	# 92
24) Nitrobenzene	9.96	77	103398	43.242	ng	# 87
25) Isophorone	10.49	82	180116	40.352	ng	# 84
26) 2-Nitrophenol	10.69	139	62929	44.416	ng	# 84
27) 2,4-Dimethylphenol	10.73	122	102916	45.774	ng	96
28) bis(2-Chloroethoxy)methane	10.97	93	107499	39.973	ng	# 96
29) 2,4-Dichlorophenol	11.23	162	127721	46.166	ng	91
30) 1,2,4-Trichlorobenzene	11.46	180	151306	42.348	ng	97
31) Naphthalene	11.66	128	314610	39.160	ng	98
32) Benzoic acid	10.86	122	55110	32.465	ng	95
33) 4-Chloroaniline	11.75	127	43238	12.550	ng	96
34) Hexachlorobutadiene	11.92	225	113921	44.392	ng	98
35) Caprolactam	12.50	113	33858	40.341	ng	# 43
36) 4-Chloro-3-methylphenol	12.83	107	113174	44.693	ng	# 86
37) 2-Methylnaphthalene	13.22	142	259530	40.689	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	207131	43.495	ng	97
40) Hexachlorocyclopentadiene	13.55	237	293629	109.472	ng	93

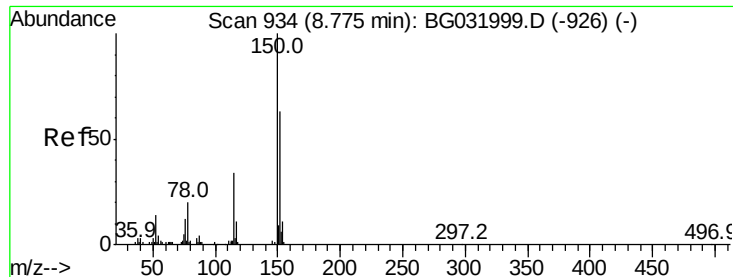
Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032360.D
 Acq On : 27 Jan 2018 17:24
 Operator : SJ/JU
 Sample : PB106052BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106052BS

Quant Time: Jan 27 23:21:11 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	123226	46.052	nq	98
43) 2,4,5-Trichlorophenol	13.87	196	132124	42.659	nq	# 92
45) 1,1'-Biphenyl	14.19	154	370174	39.524	nq	95
46) 2-Chloronaphthalene	14.25	162	290860	39.921	nq	96
47) 2-Nitroaniline	14.43	65	66075	47.372	nq	# 75
48) Acenaphthylene	15.09	152	426072	38.402	nq	99
49) Dimethylphthalate	14.79	163	384570	40.226	nq	99
50) 2,6-Dinitrotoluene	14.92	165	87100	43.893	nq	# 74
51) Acenaphthene	15.42	154	337578	46.014	nq	98
52) 3-Nitroaniline	15.25	138	34148	19.053	nq	# 81
53) 2,4-Dinitrophenol	15.45	184	111284	109.027	nq	# 55
54) Dibenzofuran	15.75	168	455744	41.642	nq	98
55) 4-Nitrophenol	15.53	139	123326	94.420	nq	# 77
56) 2,4-Dinitrotoluene	15.70	165	123062	46.063	nq	# 68
57) Fluorene	16.40	166	362923	40.433	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.96	232	139162	48.570	nq	# 86
59) Diethylphthalate	16.13	149	374381	40.394	nq	97
60) 4-Chlorophenyl-phenylether	16.37	204	237601	43.152	nq	90
61) 4-Nitroaniline	16.40	138	66400	38.621	nq	82
62) Azobenzene	16.67	77	235767	40.642	nq	# 83
64) 4,6-Dinitro-2-methylphenol	16.45	198	78868	44.668	nq	# 73
65) n-Nitrosodiphenylamine	16.58	169	334790	39.658	nq	97
66) 4-Bromophenyl-phenylether	17.27	248	171665	43.368	nq	94
67) Hexachlorobenzene	17.40	284	177723	40.583	nq	# 89
68) Atrazine	17.51	200	156226	44.005	nq	97
69) Pentachlorophenol	17.73	266	226005	80.740	nq	98
70) Phenanthrene	18.13	178	624480	40.317	nq	99
71) Anthracene	18.22	178	636760	41.218	nq	100
72) Carbazole	18.48	167	551541	41.155	nq	98
73) Di-n-butylphthalate	18.99	149	612136	38.655	nq	99
74) Fluoranthene	20.10	202	835045	43.058	nq	93
76) Benzidine	20.26	184	208822	24.036	nq	99
77) Pyrene	20.45	202	833843	38.179	nq	99
79) Butylbenzylphthalate	21.31	149	280716	35.873	nq	# 78
80) Benzo(a)anthracene	22.40	228	901004	41.700	nq	99
81) 3,3'-Dichlorobenzidine	22.29	252	155288	19.239	nq	# 96
82) Chrysene	22.47	228	831479	40.071	nq	99
83) Bis(2-ethylhexyl)phthalate	22.24	149	398184	34.700	nq	# 98
84) Di-n-octyl phthalate	23.61	149	680916	37.362	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.36	276	1129921	44.495	nq	# 86
87) Benzo(b)fluoranthene	24.92	252	951115	41.877	nq	# 95
88) Benzo(k)fluoranthene	25.00	252	917591	41.345	nq	# 95
89) Benzo(a)pyrene	25.93	252	926419	43.120	nq	# 96
90) Dibenzo(a,h)anthracene	30.43	278	936145	45.216	nq	# 92
91) Benzo(g,h,i)perylene	31.71	276	932199	44.053	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

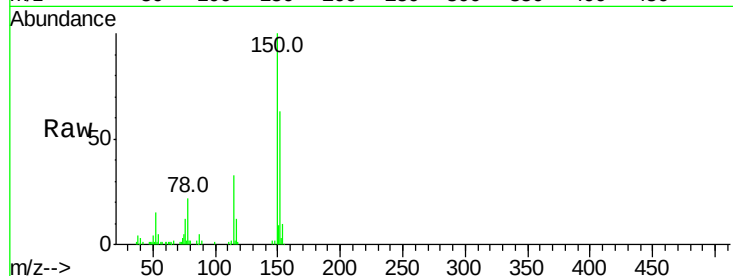
Tot Ion:152 Resp: 41304

Ion Ratio Lower Upper

152 100

150 159.2 126.6 189.8

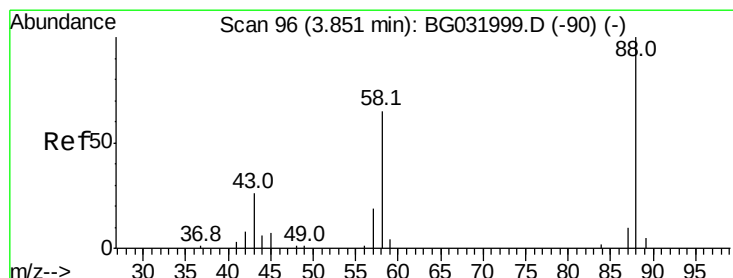
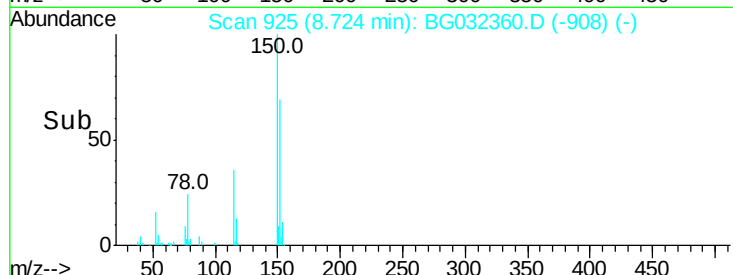
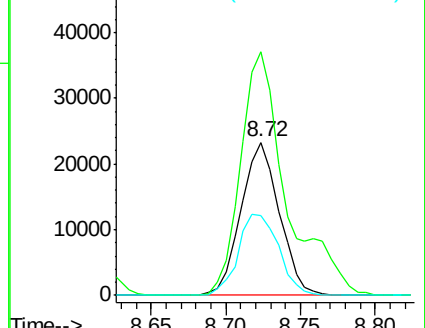
115 52.0 53.0 79.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.606 ng

RT: 3.81 min Scan# 89

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

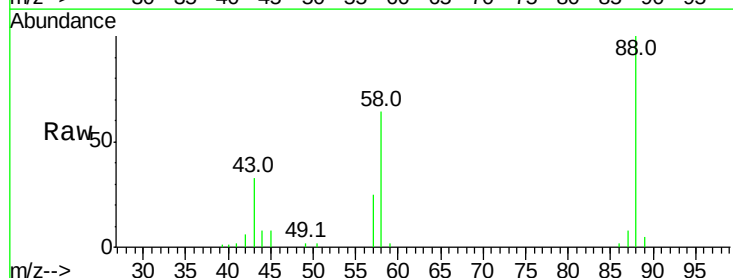
Tgt Ion: 88 Resp: 24819

Ion Ratio Lower Upper

88 100

58 70.6 79.6 119.4#

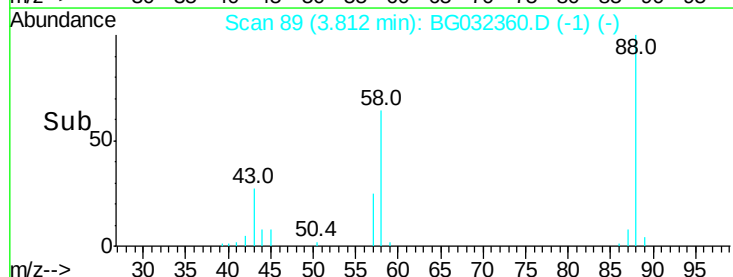
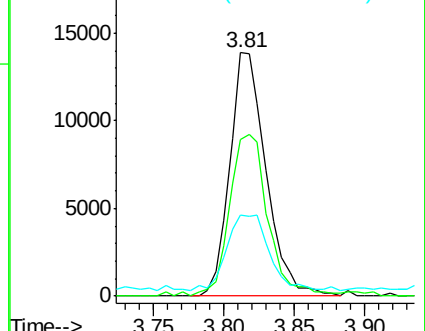
43 36.5 27.4 41.0

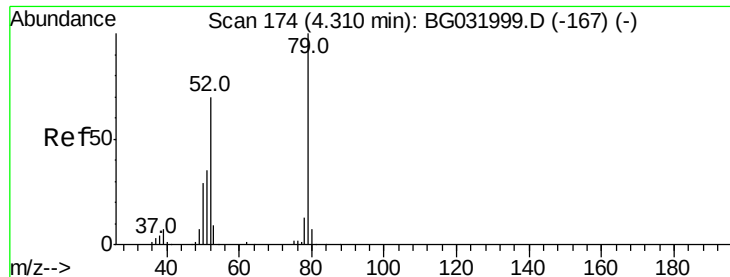


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.770 ng

RT: 4.27 min Scan# 167

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

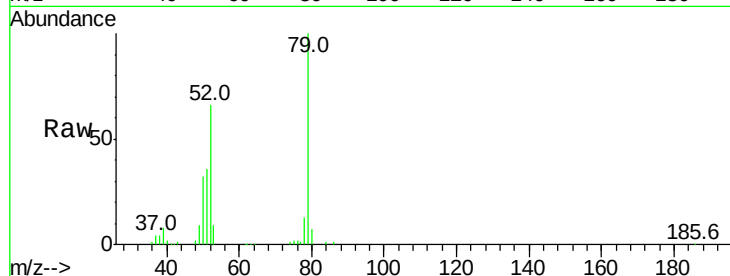
Tot Ion: 79 Resp: 71259

Ion Ratio Lower Upper

79 100

52 65.5 69.9 104.9#

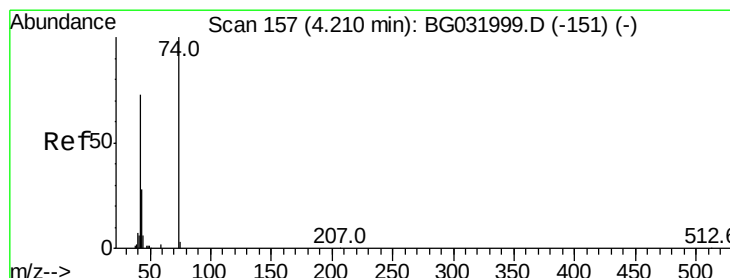
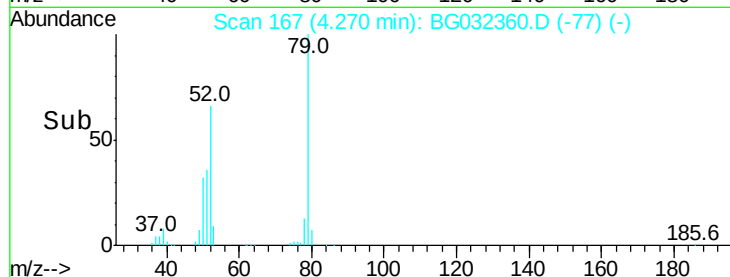
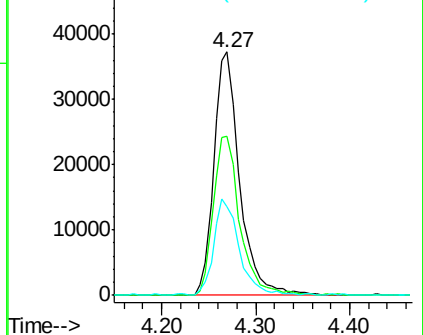
51 36.4 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 53.139 ng

RT: 4.18 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

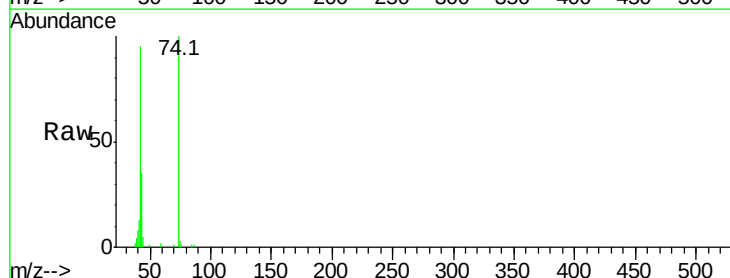
Tgt Ion: 42 Resp: 43235

Ion Ratio Lower Upper

42 100

74 104.8 102.5 153.7

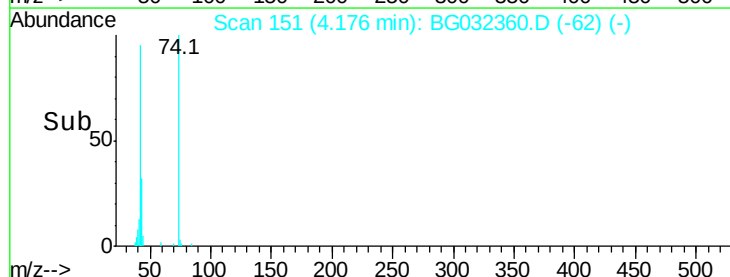
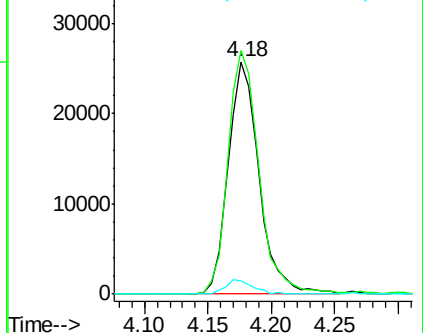
44 5.6 18.9 28.3#

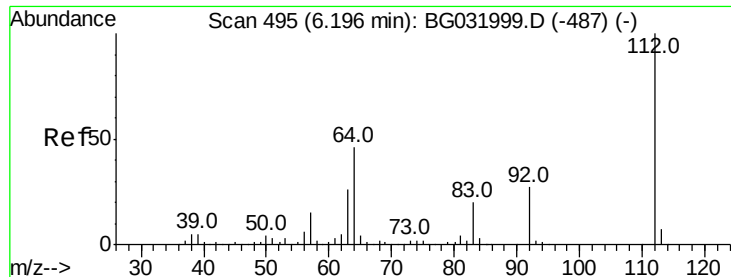


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 119.802 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

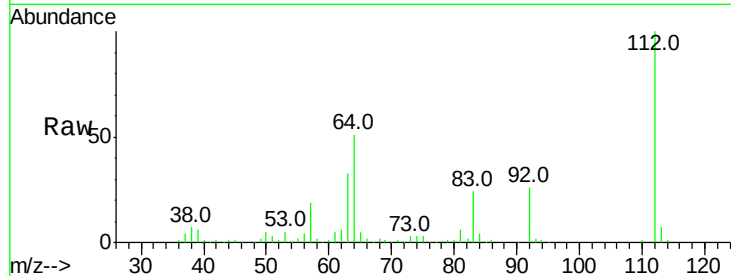
Tot Ion:112 Resp: 270557

Ion Ratio Lower Upper

112 100

64 51.0 56.3 84.5#

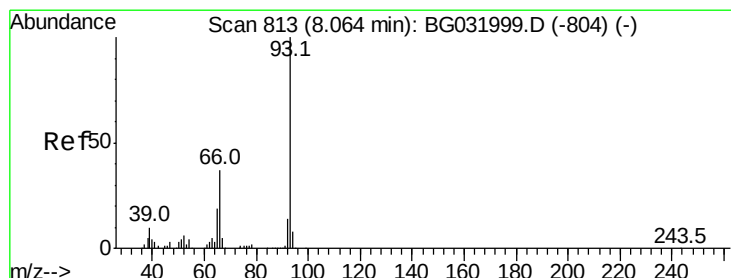
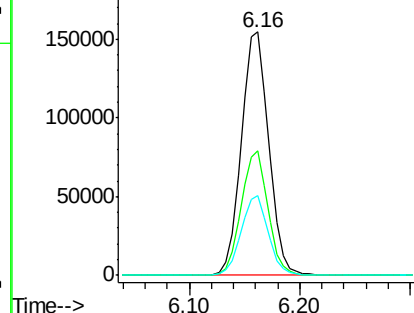
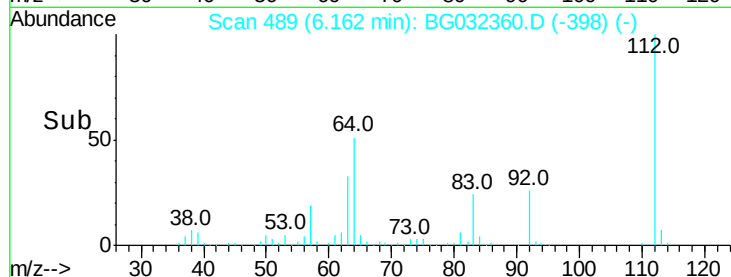
63 32.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.590 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

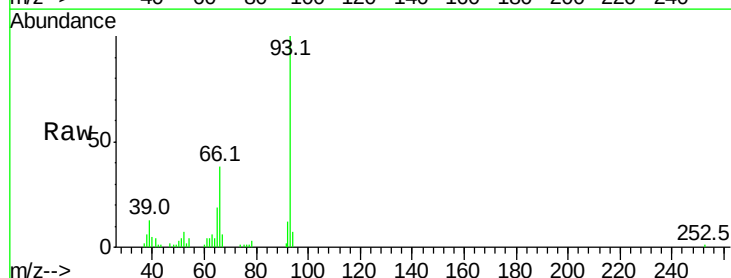
Tgt Ion: 93 Resp: 55932

Ion Ratio Lower Upper

93 100

66 38.0 33.7 50.5

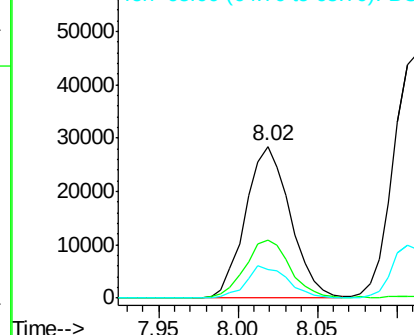
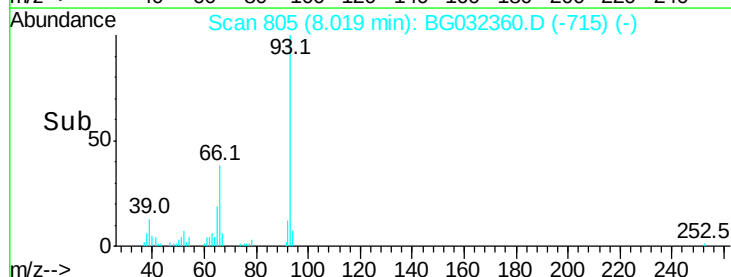
65 19.1 16.1 24.1

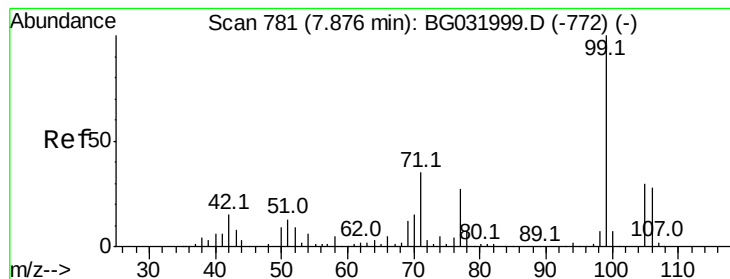


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.848 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

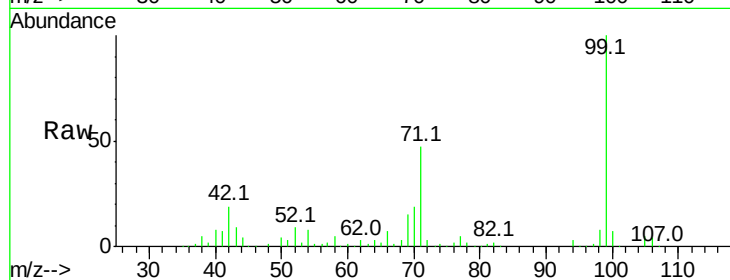
Tot Ion: 99 Resp: 329504

Ion Ratio Lower Upper

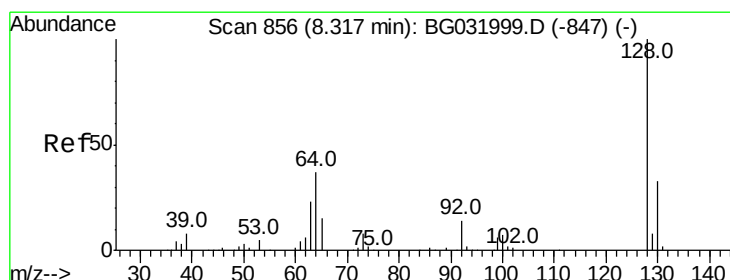
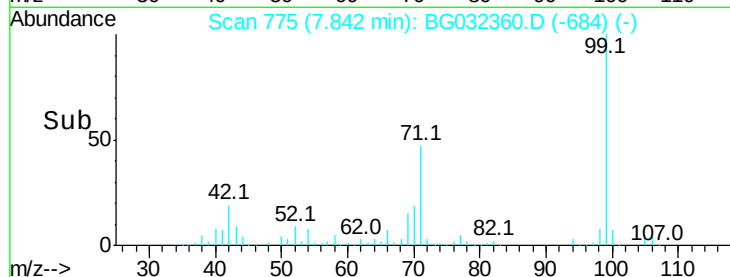
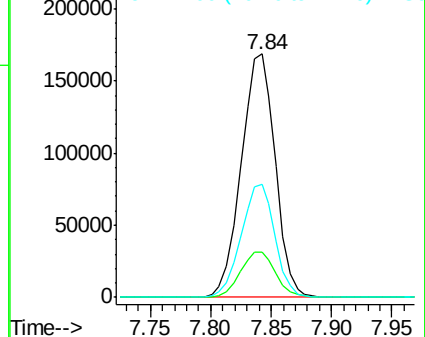
99 100

42 18.7 14.1 21.1

71 46.6 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 42.189 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

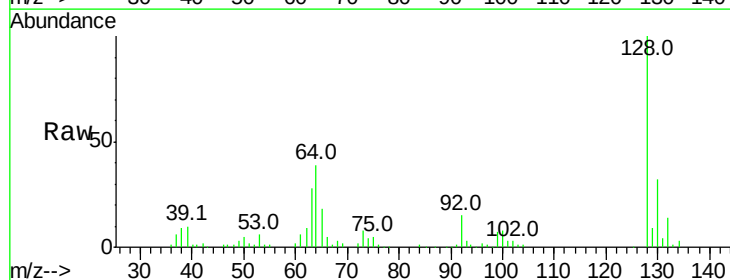
Tgt Ion:128 Resp: 106615

Ion Ratio Lower Upper

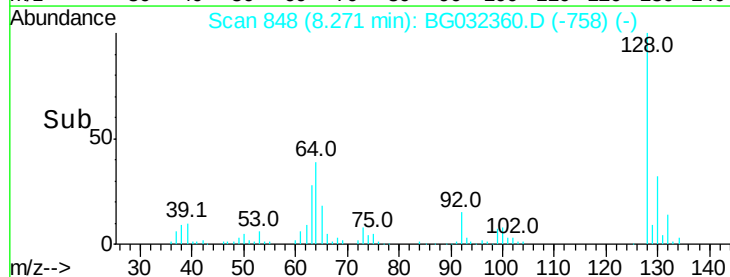
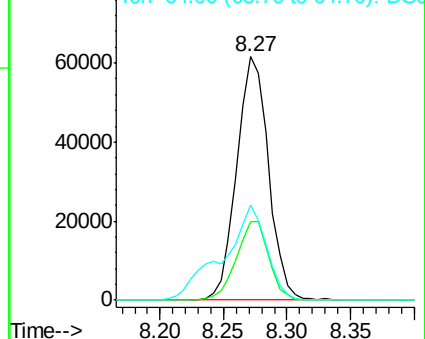
128 100

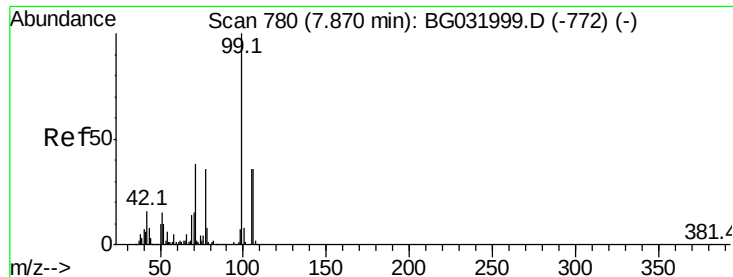
130 32.2 14.0 54.0

64 39.3 37.7 77.7



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





#9

Benzaldehyde

Concen: 26.473 ng

RT: 7.82 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

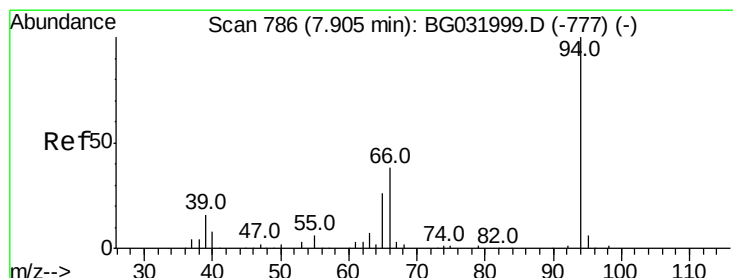
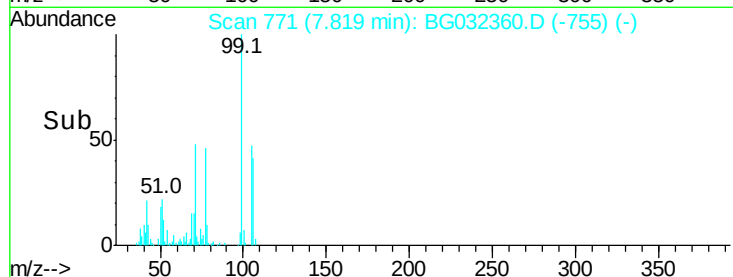
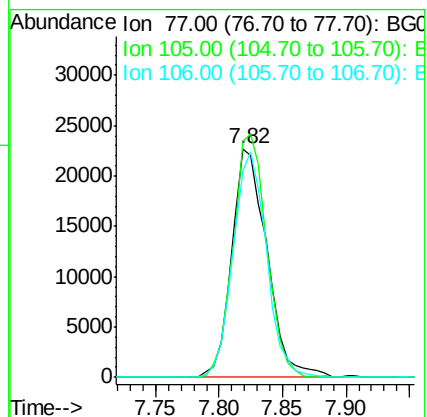
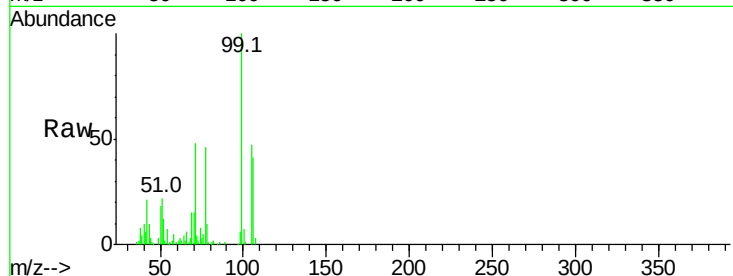
Tot Ion: 77 Resp: 43626

Ion Ratio Lower Upper

77 100

105 103.2 71.3 111.3

106 90.3 64.2 104.2



#10

Phenol

Concen: 40.567 ng

RT: 7.87 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

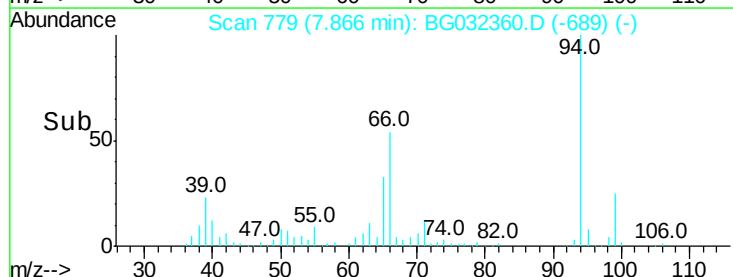
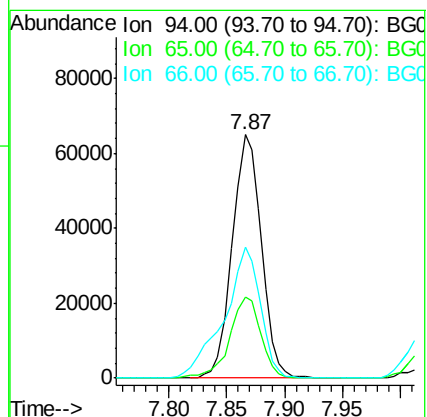
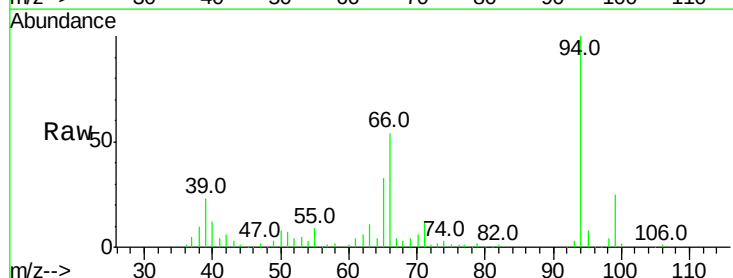
Tgt Ion: 94 Resp: 113662

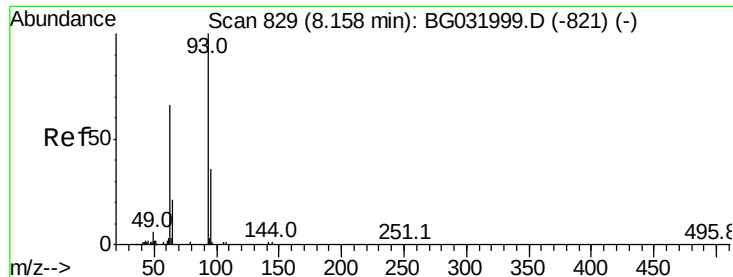
Ion Ratio Lower Upper

94 100

65 33.2 11.9 51.9

66 53.7 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 35.334 ng

RT: 8.11 min Scan# 821

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

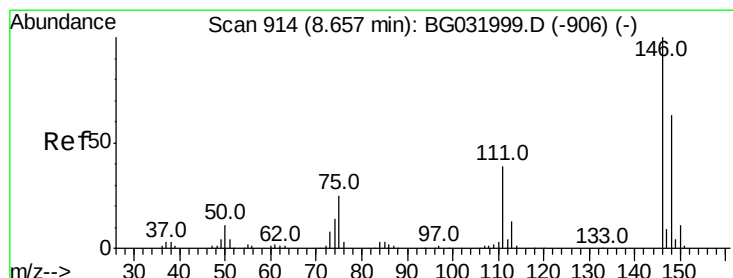
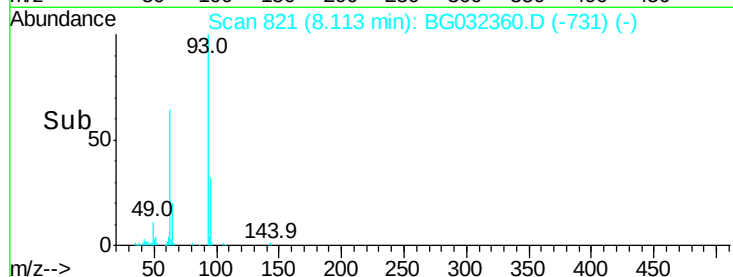
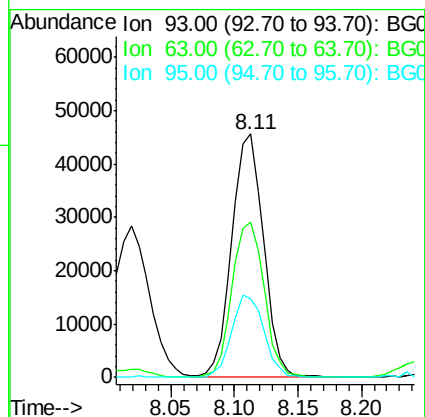
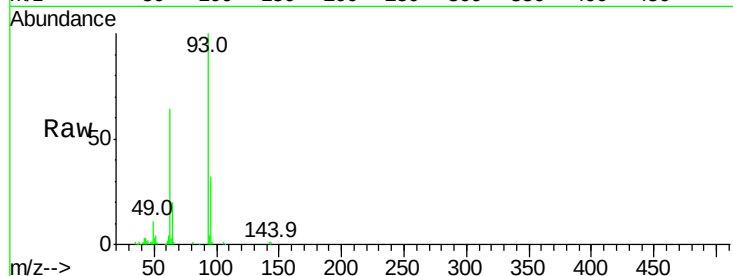
Tot Ion: 93 Resp: 79314

Ion Ratio Lower Upper

93 100

63 63.8 67.1 107.1#

95 32.2 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 38.374 ng

RT: 8.61 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

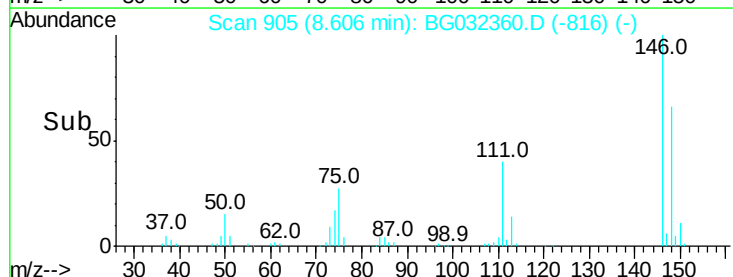
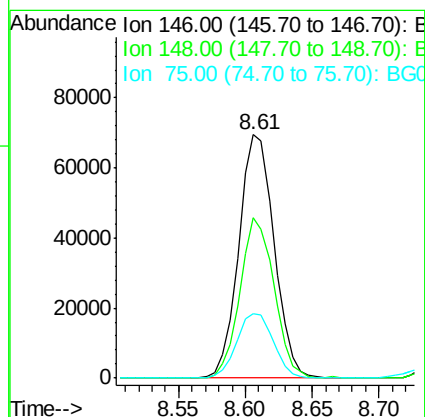
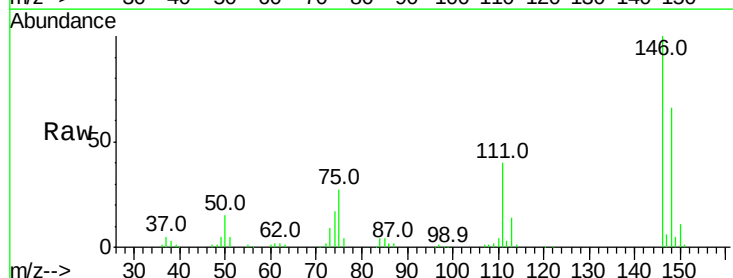
Tgt Ion: 146 Resp: 126919

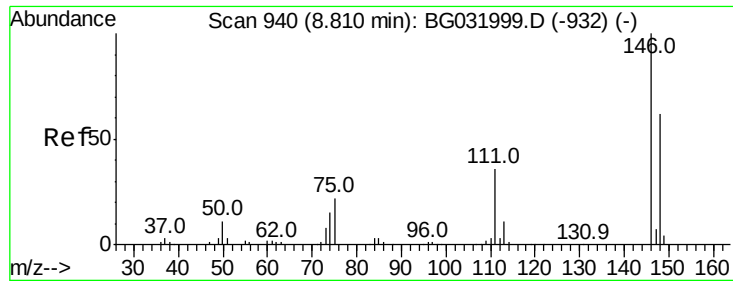
Ion Ratio Lower Upper

146 100

148 65.9 51.4 77.2

75 26.7 26.6 39.8

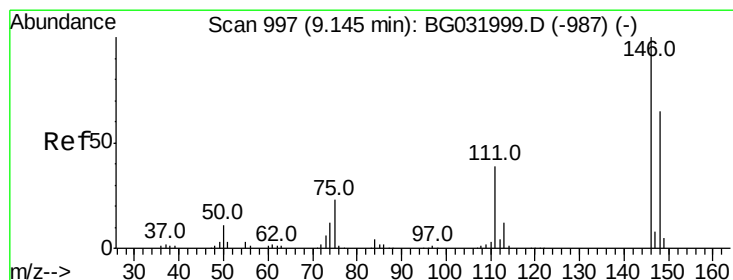
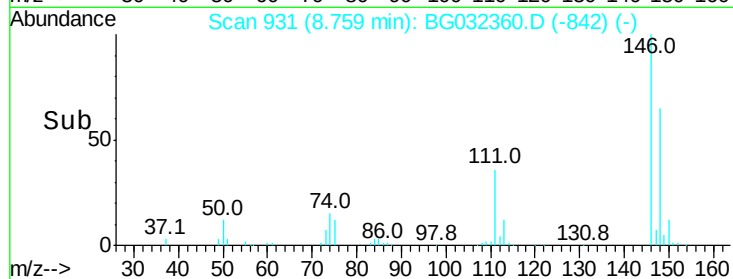
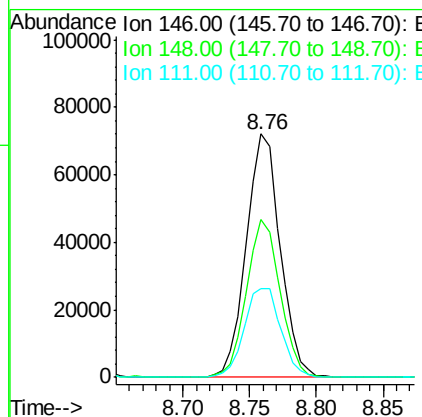
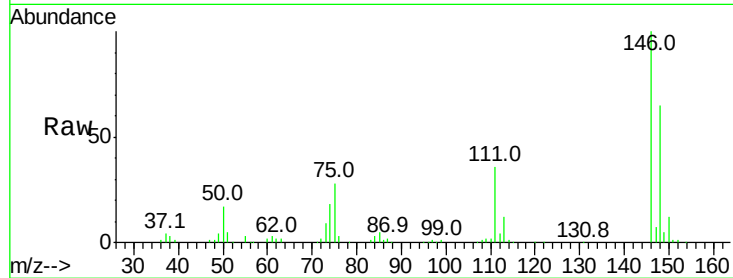




#13
 1,4-Dichlorobenzene
 Concen: 37.975 ng
 RT: 8.76 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

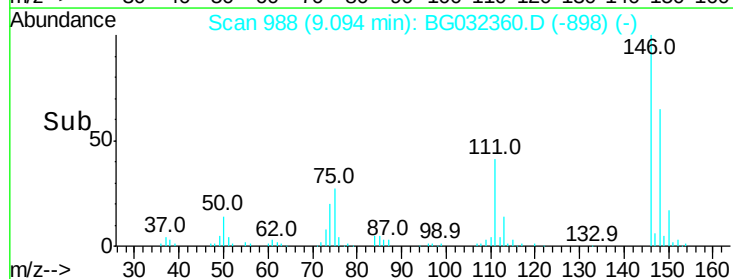
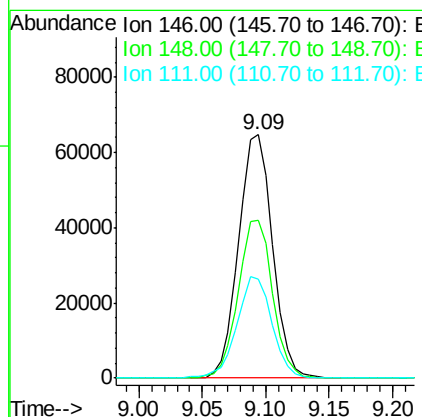
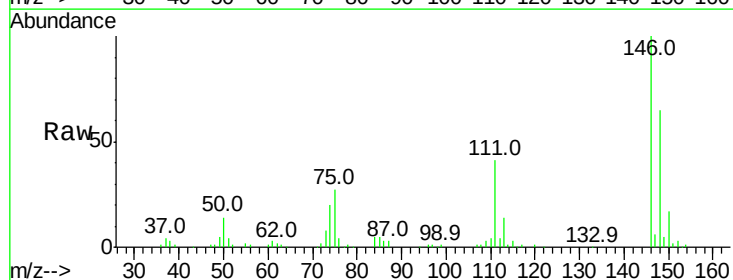
Instrument :
 BNA_G
 ClientSampleId :
 PB106052BS

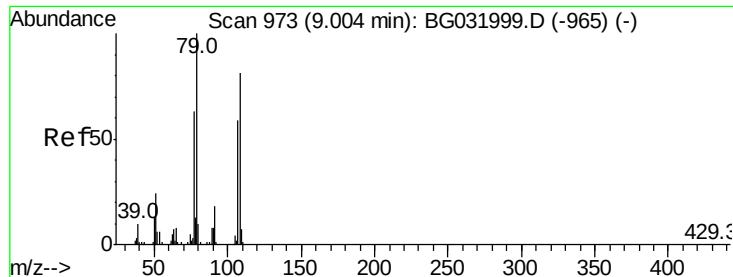
Tot Ion:146 Resp: 126462
 Ion Ratio Lower Upper
 146 100
 148 65.0 53.7 80.5
 111 36.5 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 37.323 ng
 RT: 9.09 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Tgt Ion:146 Resp: 120216
 Ion Ratio Lower Upper
 146 100
 148 64.7 49.3 73.9
 111 40.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 44.206 ng

RT: 8.96 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

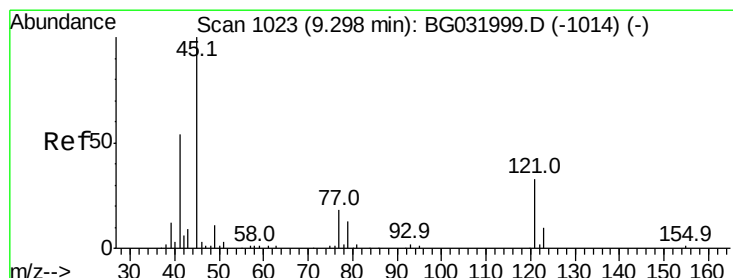
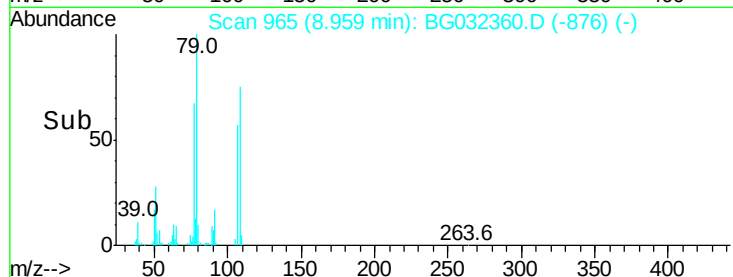
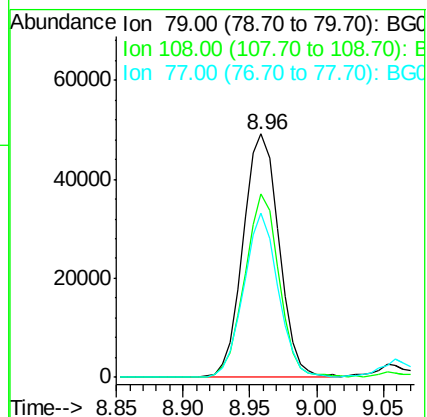
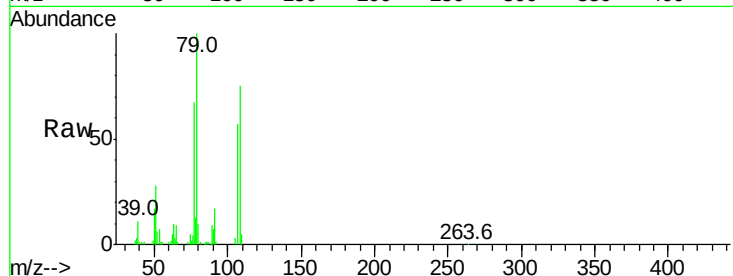
Tot Ion: 79 Resp: 91340

Ion Ratio Lower Upper

79 100

108 75.3 57.2 85.8

77 67.4 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.352 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

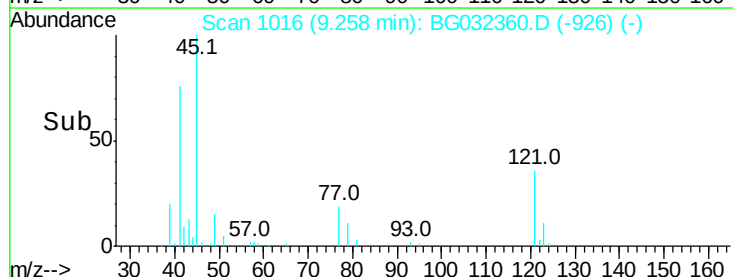
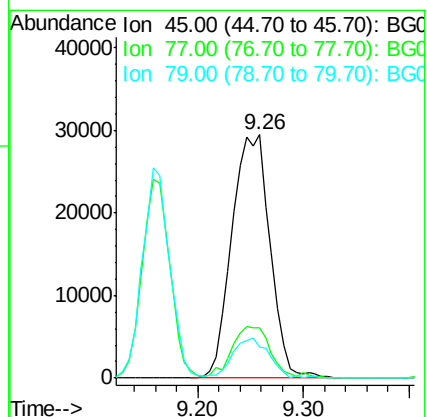
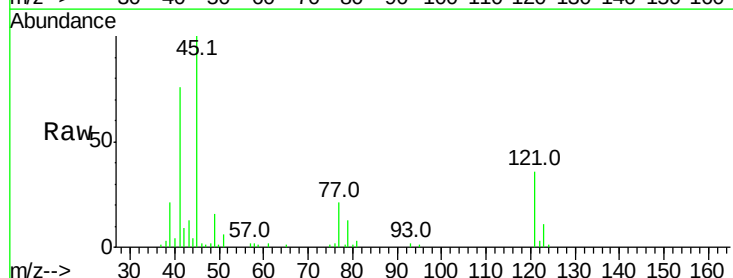
Tgt Ion: 45 Resp: 73801

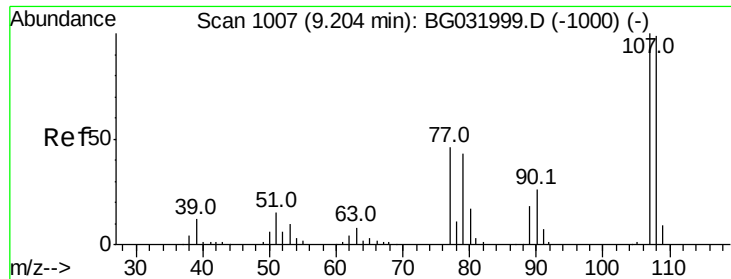
Ion Ratio Lower Upper

45 100

77 20.7 0.0 30.2

79 12.7 0.0 27.9





#17

2-Methylphenol

Concen: 38.420 ng

RT: 9.16 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

Tot Ion:107 Resp: 82267

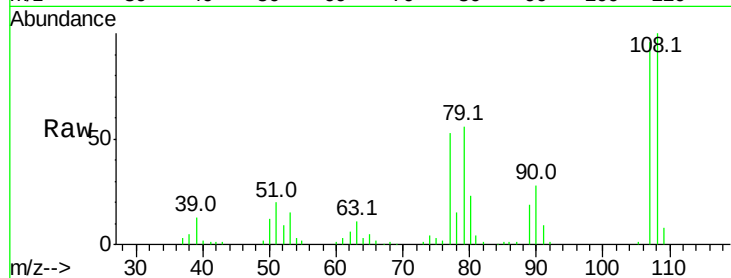
Ion Ratio Lower Upper

107 100

108 103.7 83.9 125.9

77 54.6 37.2 55.8

79 57.7 36.2 54.2#

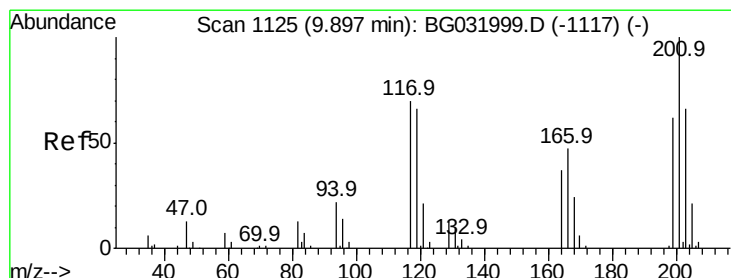
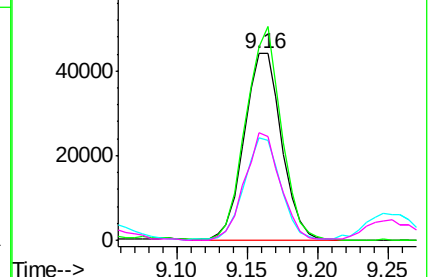
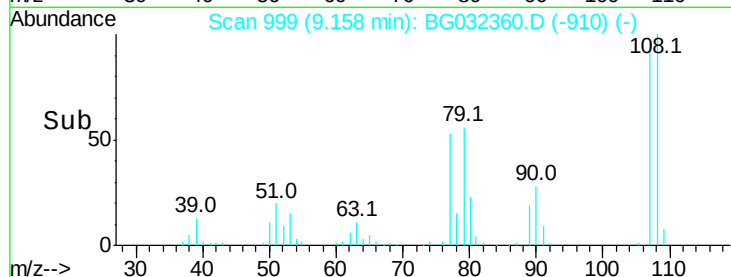


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.315 ng

RT: 9.85 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

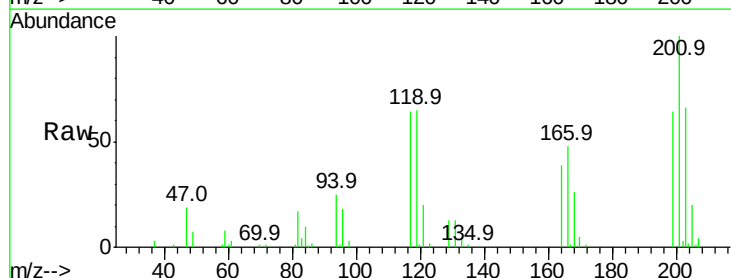
Tgt Ion:117 Resp: 42284

Ion Ratio Lower Upper

117 100

119 101.0 76.7 115.1

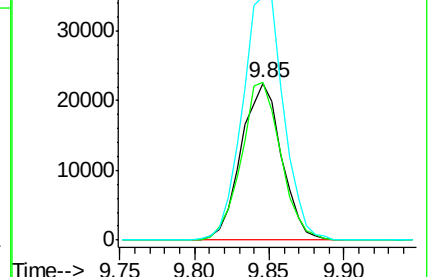
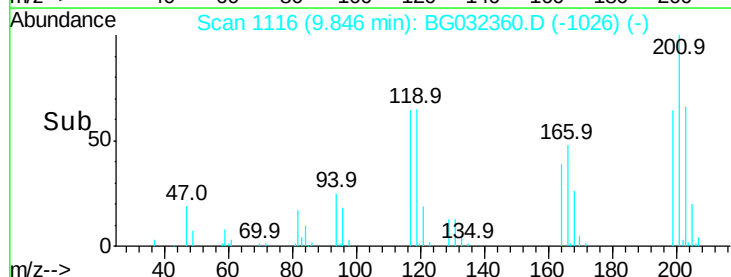
201 155.3 95.7 143.5#

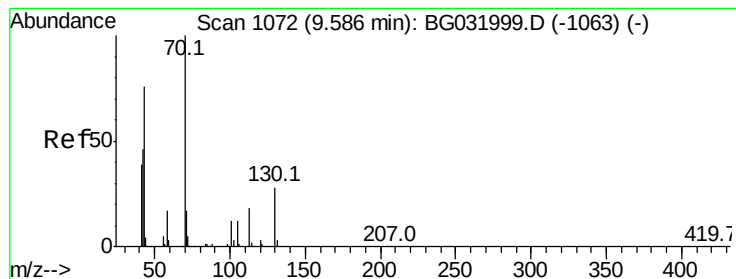


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.685 ng

RT: 9.53 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

Tot Ion: 70 Resp: 66504

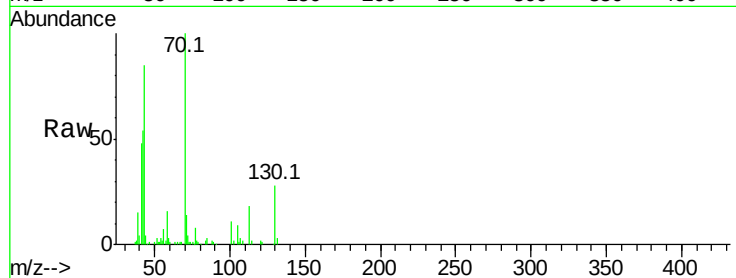
Ion Ratio Lower Upper

70 100

42 53.7 49.1 73.7

101 11.3 8.5 12.7

130 27.6 13.4 20.0#

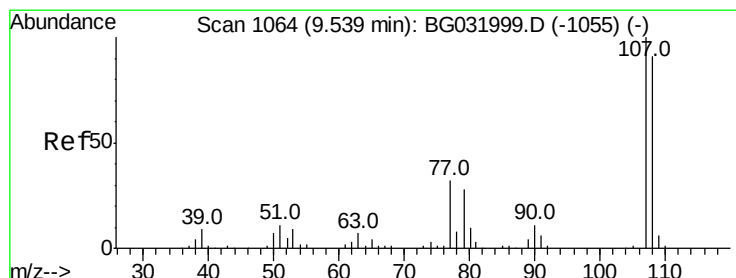
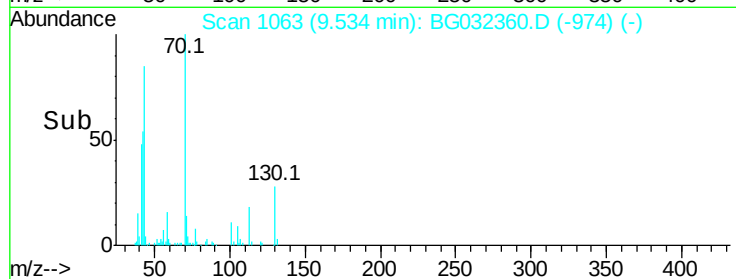
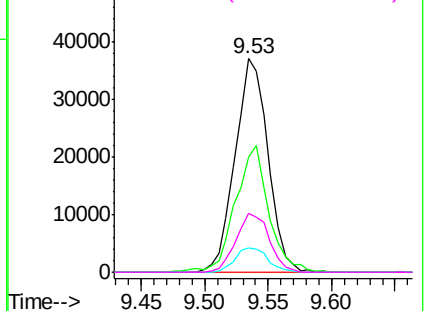


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.340 ng

RT: 9.49 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Tgt Ion: 107 Resp: 113728

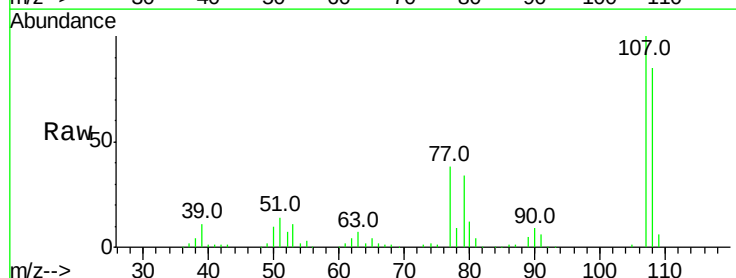
Ion Ratio Lower Upper

107 100

108 85.0 61.6 101.6

77 38.5 13.9 53.9

79 33.7 8.8 48.8

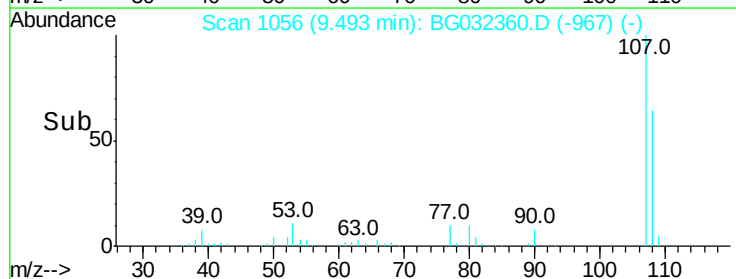
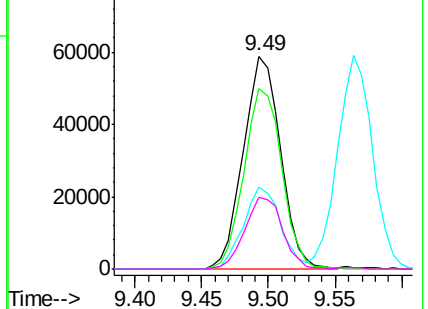


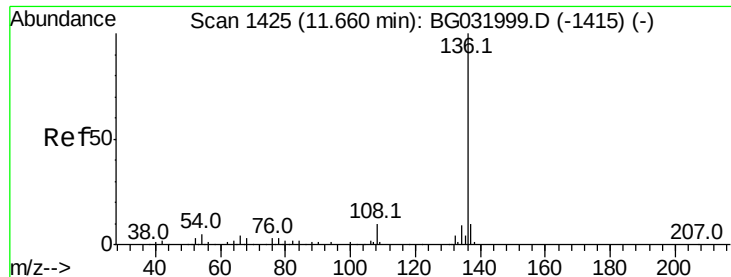
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

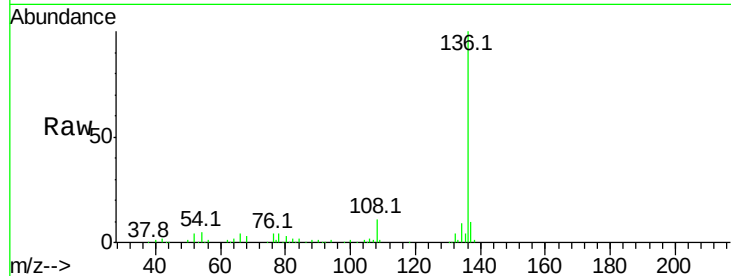




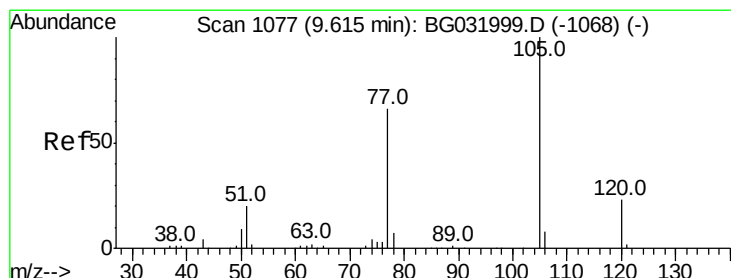
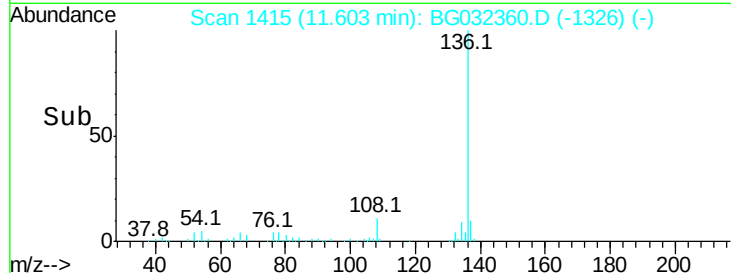
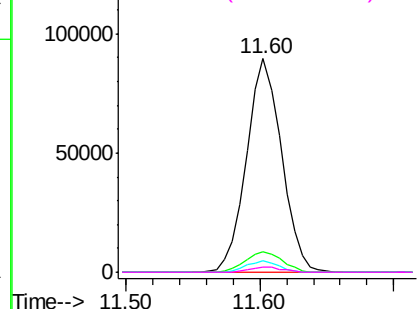
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB106052BS

Tot Ion:136	Resp:	162179
Ion Ratio	Lower	Upper
136	100	
137	9.7	9.2 13.8
54	5.3	10.3 15.5#
68	2.6	4.5 6.7#

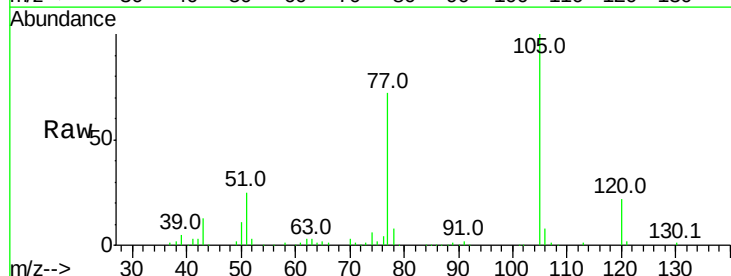


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

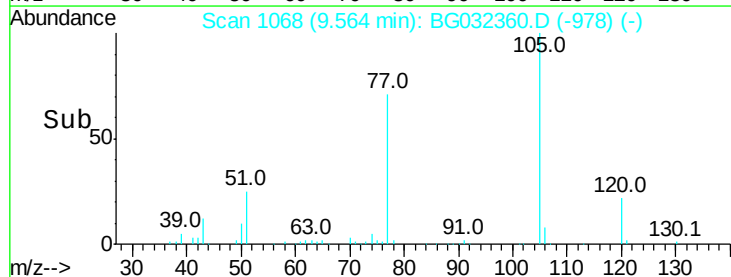
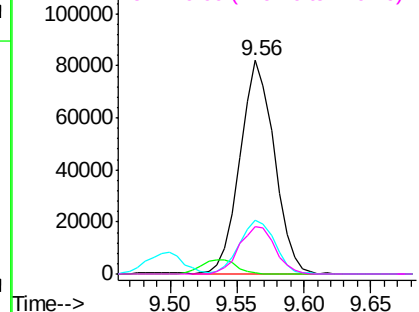


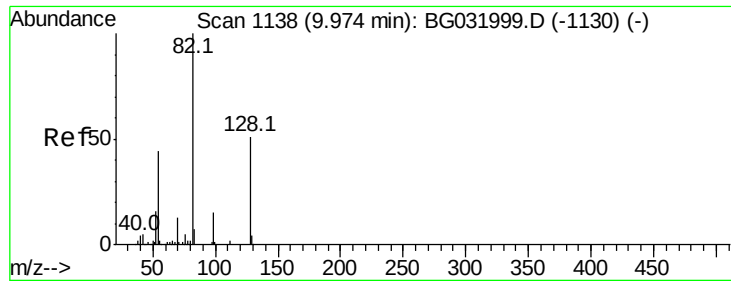
#22
Acetophenone
Concen: 39.748 ng
RT: 9.56 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

Tgt Ion:105	Resp:	146427
Ion Ratio	Lower	Upper
105	100	
71	0.8	3.0 4.4#
51	25.4	26.1 39.1#
120	22.0	17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

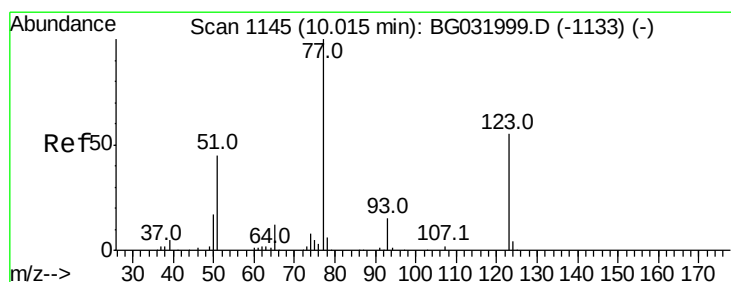
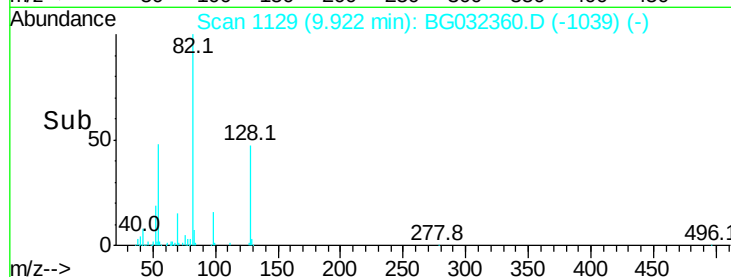
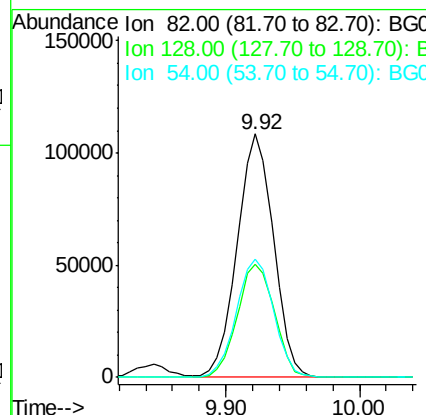
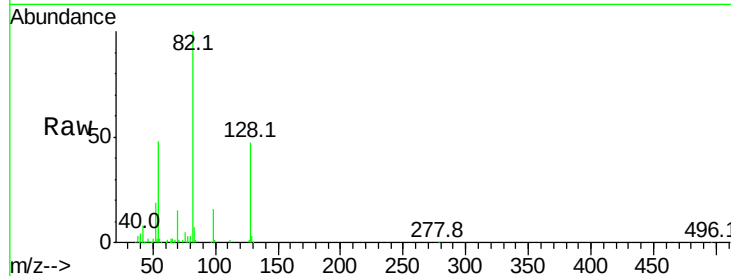




#23
 Nitrobenzene-d5
 Concen: 85.363 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

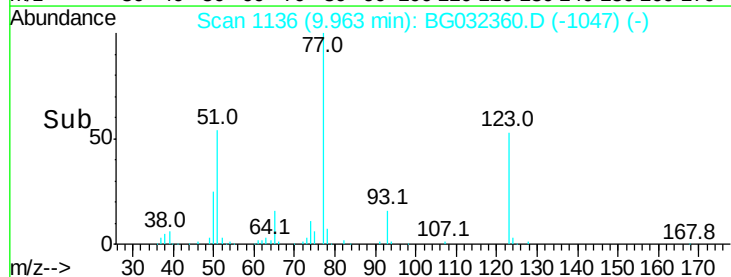
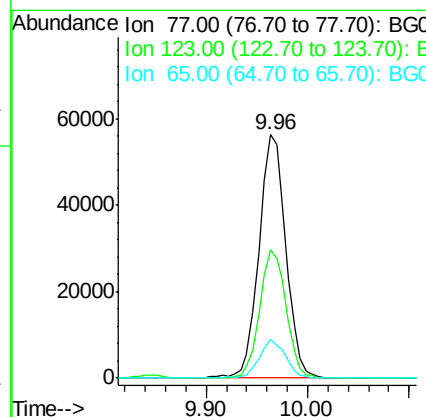
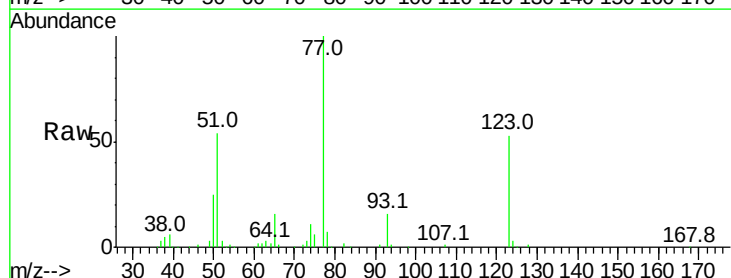
Instrument :
 BNA_G
 ClientSampleId :
 PB106052BS

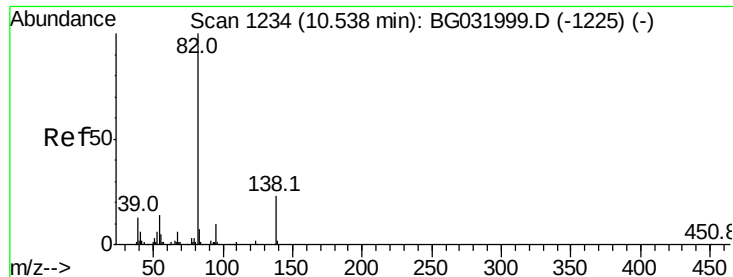
Tot Ion	82	Resp	204629
Ion Ratio	100		
Lower	29.7		
Upper	44.5#		
54	48.5	43.1	64.7



#24
 Nitrobenzene
 Concen: 43.242 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Tgt Ion	77	Resp	103398
Ion Ratio	100		
Lower	33.0		
Upper	49.6#		
123	52.6	13.0	19.6
65	16.1		





#25

Isophorone

Concen: 40.352 ng

RT: 10.49 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

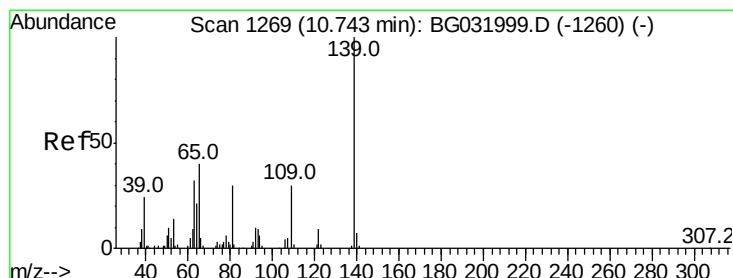
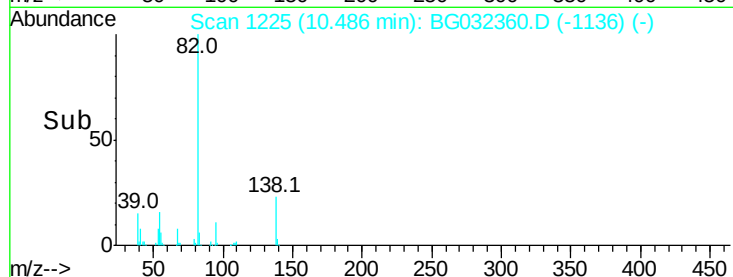
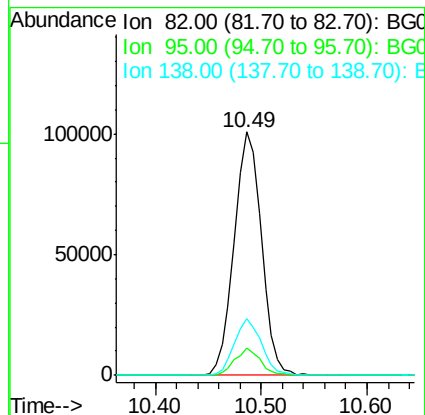
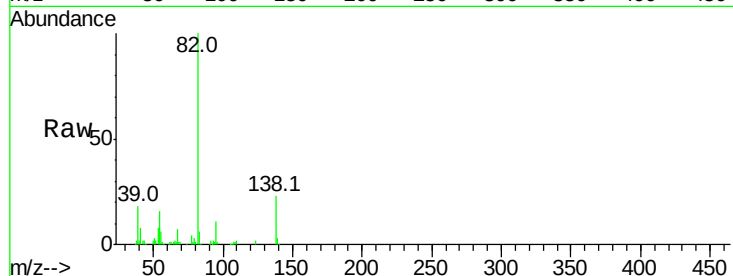
Tot Ion: 82 Resp: 180116

Ion Ratio Lower Upper

82 100

95 11.3 6.2 9.2#

138 23.2 12.1 18.1#



#26

2-Nitrophenol

Concen: 44.416 ng

RT: 10.69 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

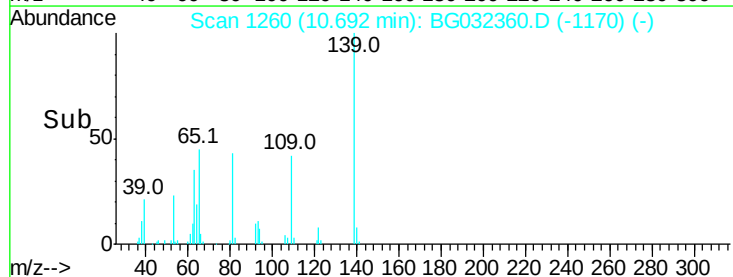
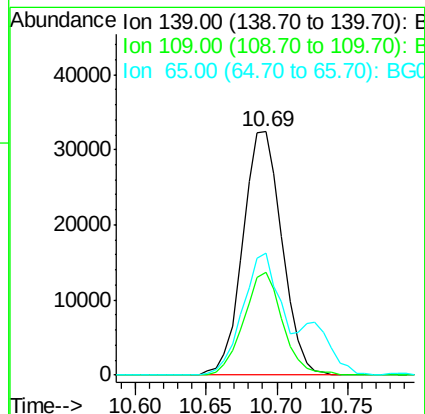
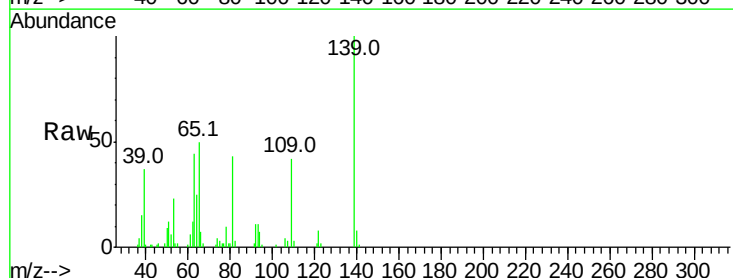
Tgt Ion: 139 Resp: 62929

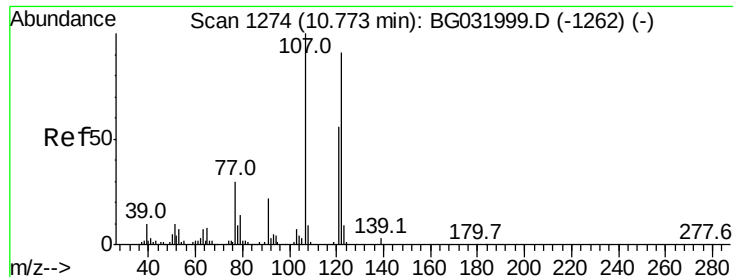
Ion Ratio Lower Upper

139 100

109 42.5 24.2 36.2#

65 50.1 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 45.774 ng

RT: 10.73 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

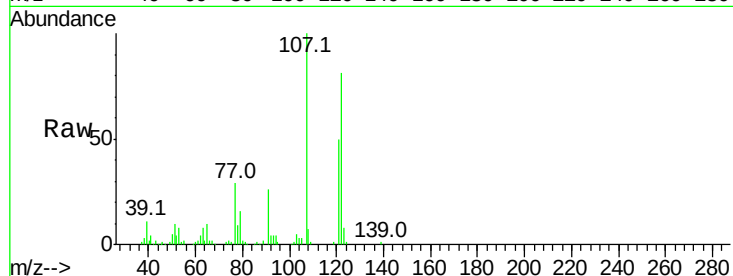
Tot Ion:122 Resp: 102916

Ion Ratio Lower Upper

122 100

107 122.8 100.2 150.2

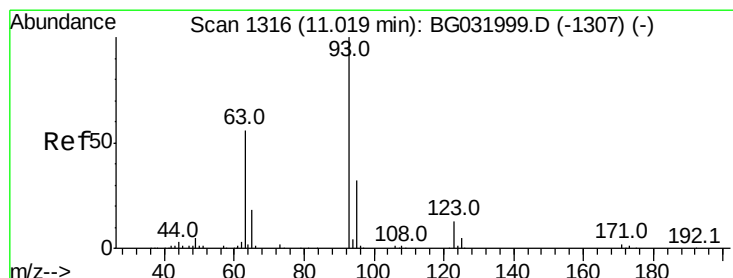
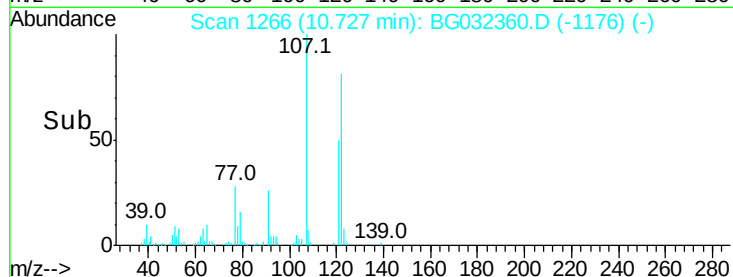
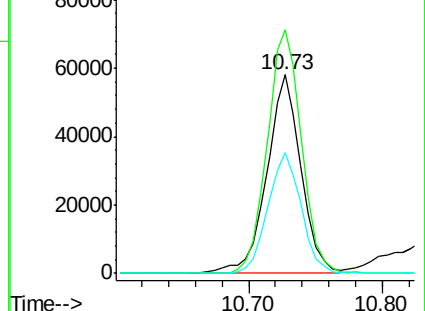
121 61.0 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.973 ng

RT: 10.97 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

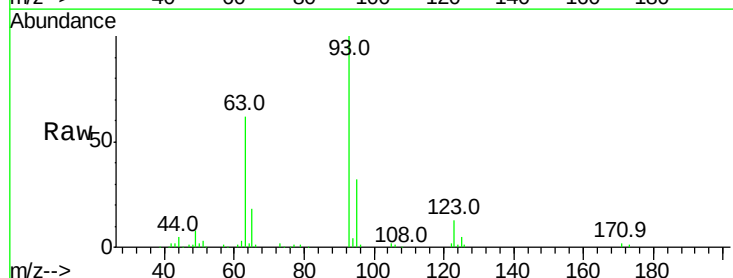
Tgt Ion: 93 Resp: 107499

Ion Ratio Lower Upper

93 100

95 31.7 24.3 36.5

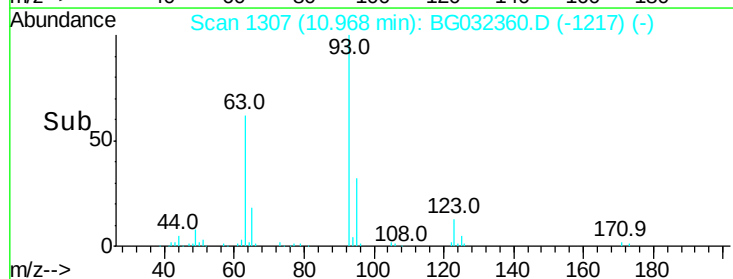
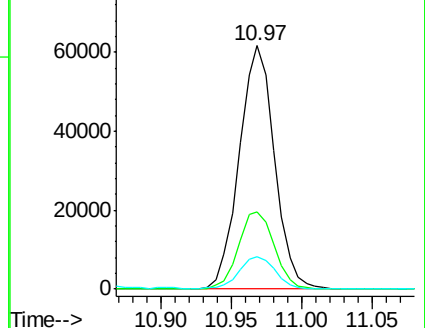
123 13.5 8.4 12.6#

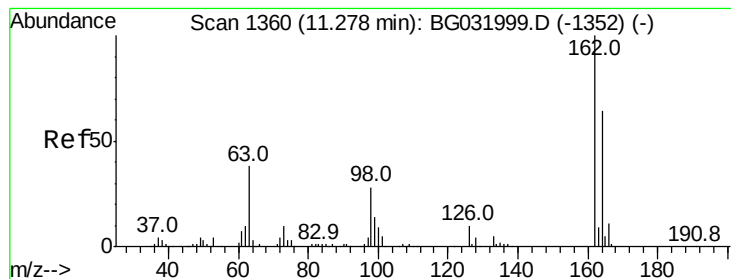


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.166 ng

RT: 11.23 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

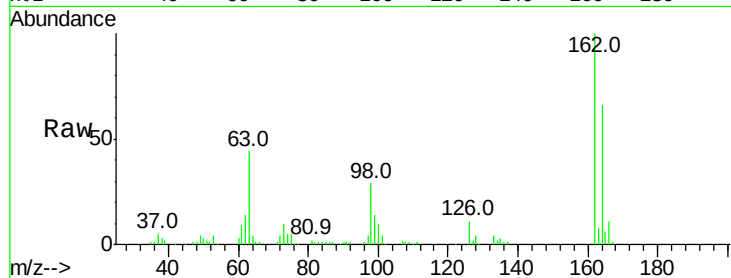
Tot Ion:162 Resp: 127721

Ion Ratio Lower Upper

162 100

164 65.7 48.0 88.0

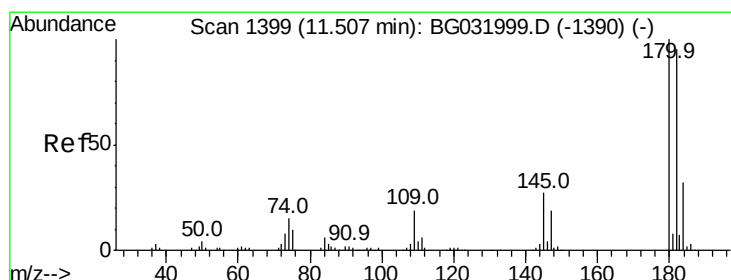
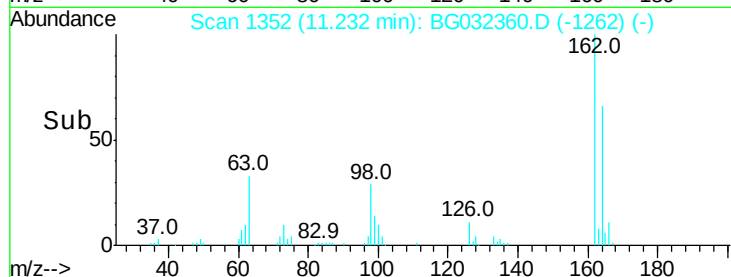
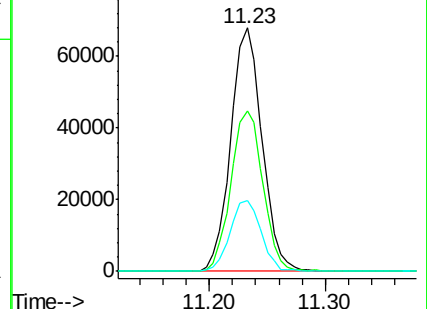
98 29.1 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.348 ng

RT: 11.46 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

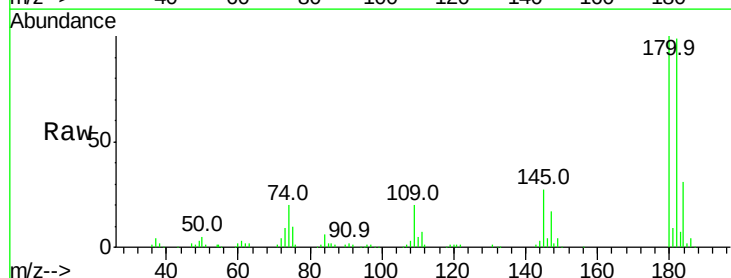
Tgt Ion:180 Resp: 151306

Ion Ratio Lower Upper

180 100

182 98.8 77.5 116.3

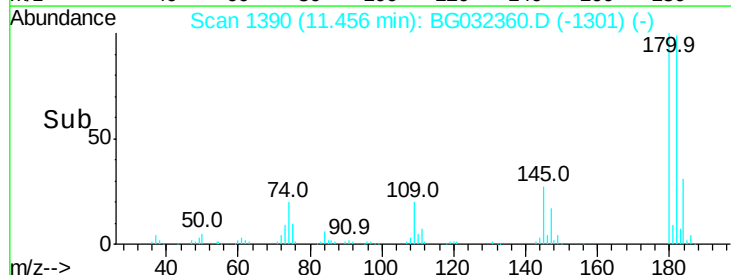
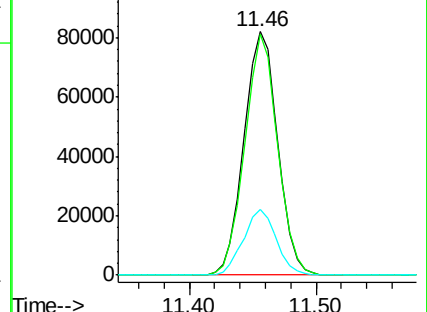
145 26.9 23.4 35.2

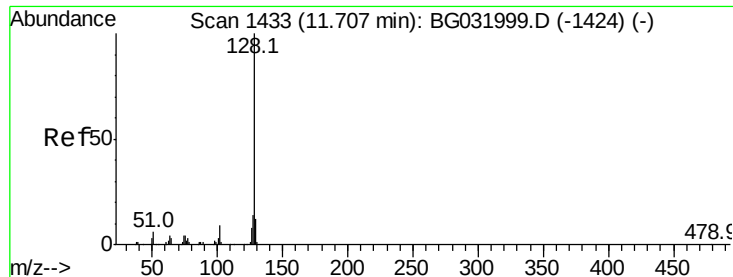


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

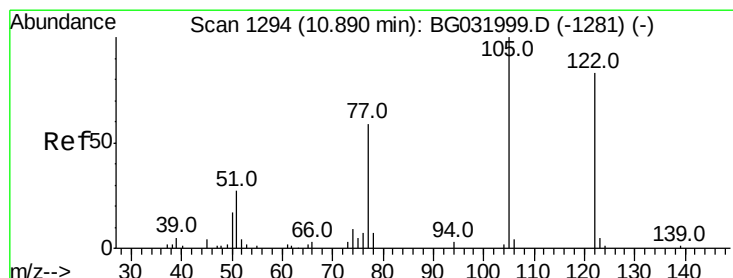
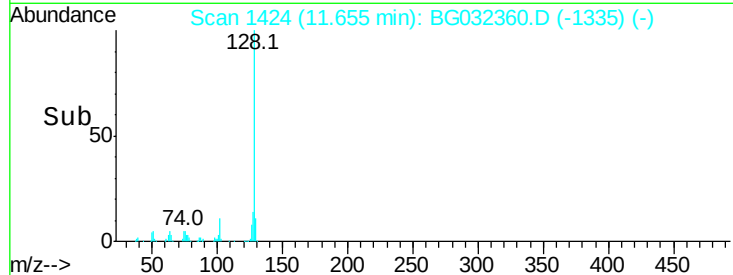
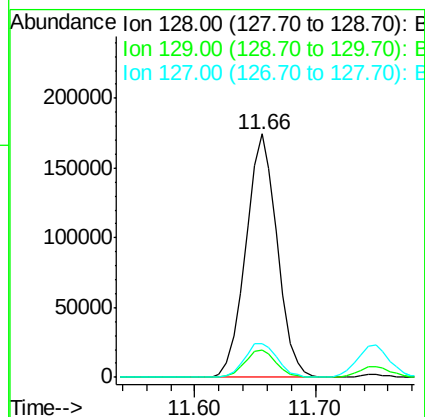
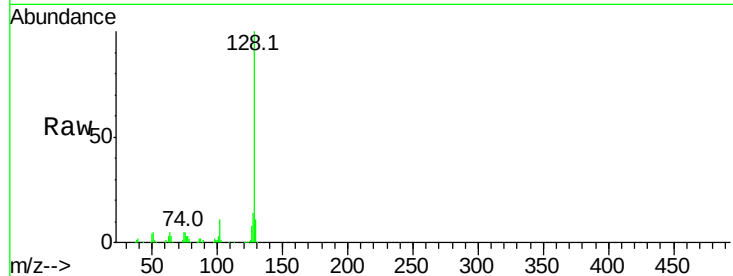




#31
Naphthalene
Concen: 39.160 ng
RT: 11.66 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

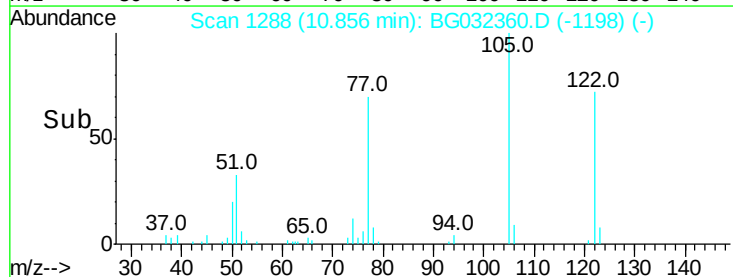
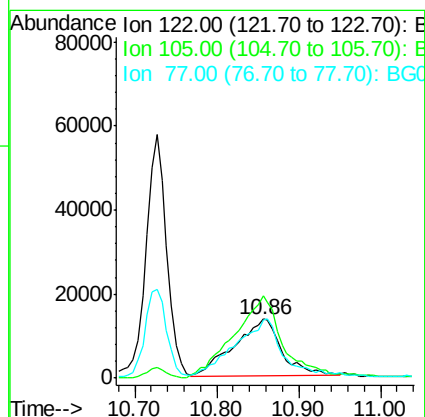
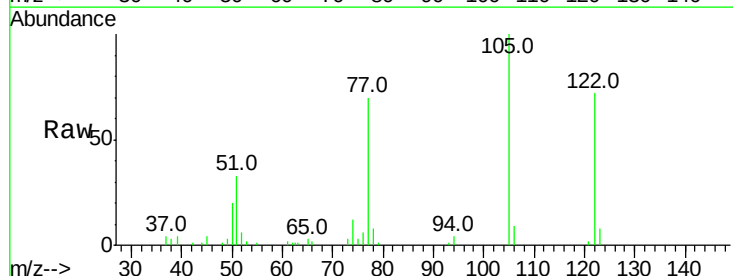
Instrument :
BNA_G
ClientSampleId :
PB106052BS

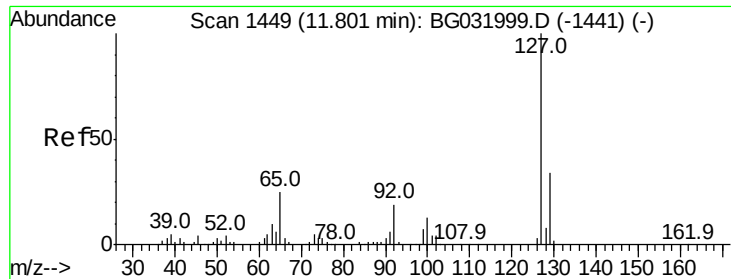
Tot Ion:128 Resp: 314610
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.7 11.6 17.4



#32
Benzoic acid
Concen: 32.465 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

Tgt Ion:122 Resp: 55110
Ion Ratio Lower Upper
122 100
105 139.1 123.5 163.5
77 97.6 85.7 125.7

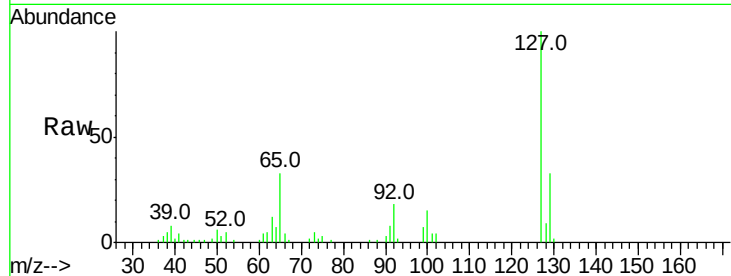




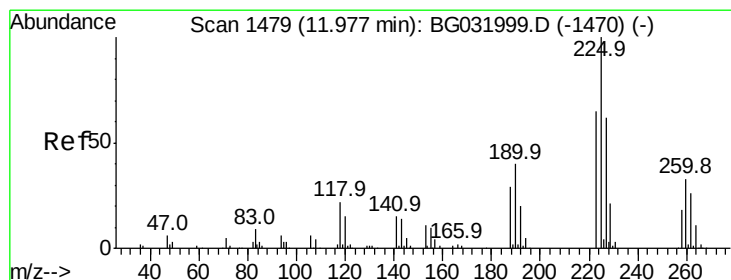
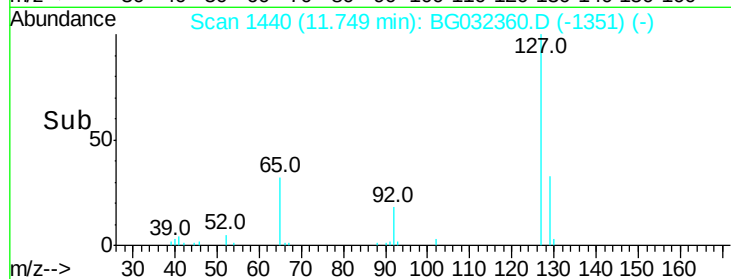
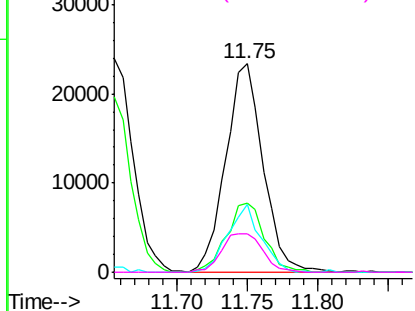
#33
4-Chloroaniline
Concen: 12.550 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB106052BS

Tot Ion:	127	Resp:	43238
Ion	Ratio	Lower	Upper
127	100		
129	33.2	24.0	36.0
65	32.5	27.0	40.4
92	18.2	16.6	25.0

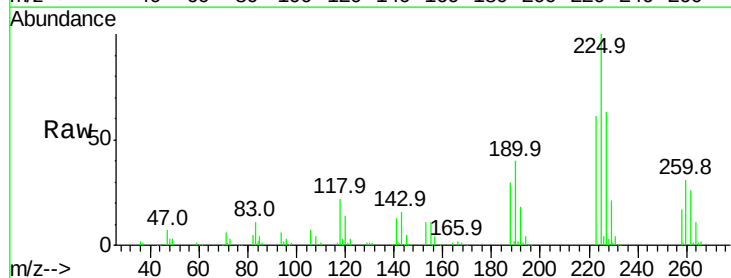


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

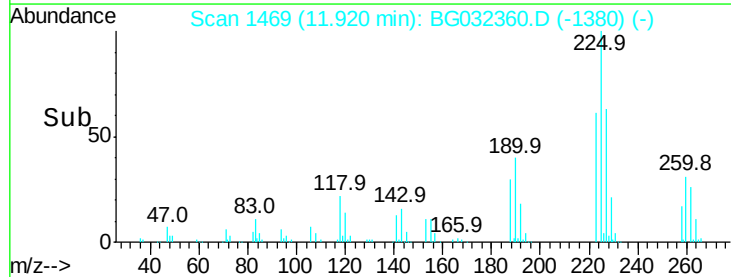
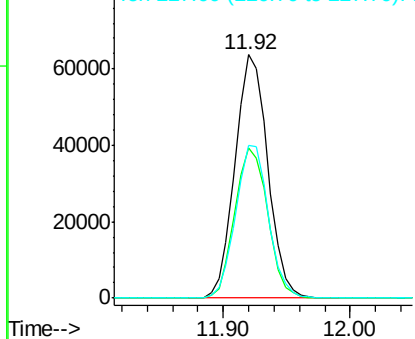


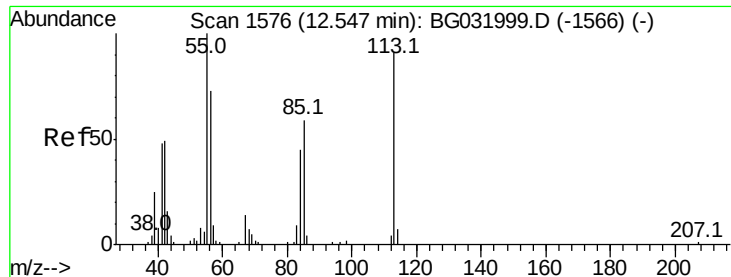
#34
Hexachlorobutadiene
Concen: 44.392 ng
RT: 11.92 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

Tgt Ion:	225	Resp:	113921
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.7	74.5
227	62.9	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.341 ng

RT: 12.50 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

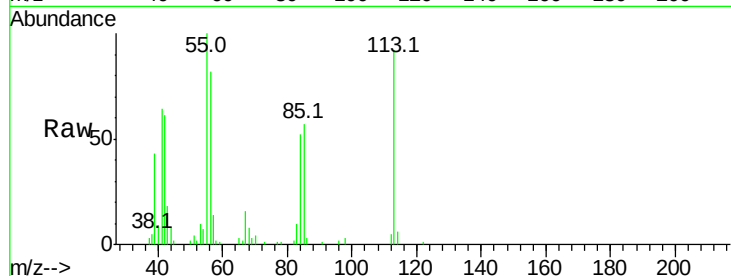
Tot Ion:113 Resp: 33858

Ion Ratio Lower Upper

113 100

55 108.3 186.9 226.9#

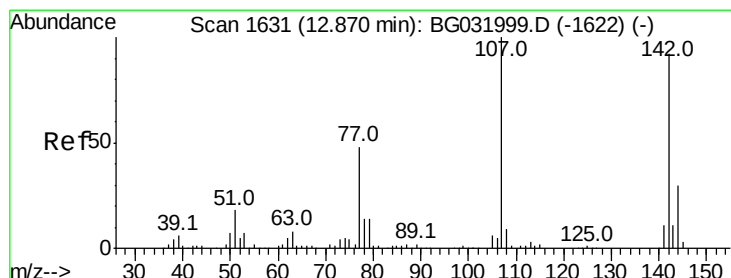
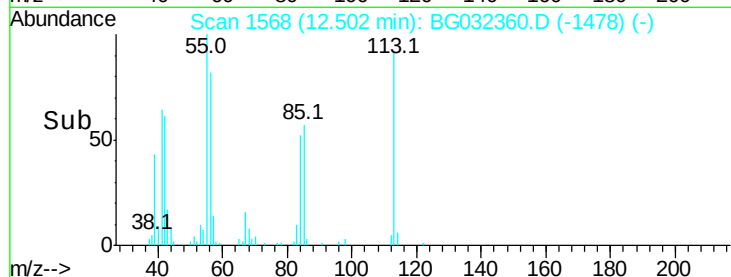
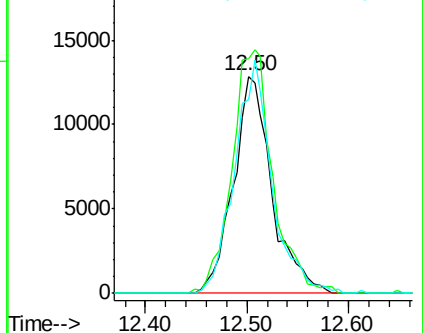
56 88.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.693 ng

RT: 12.83 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

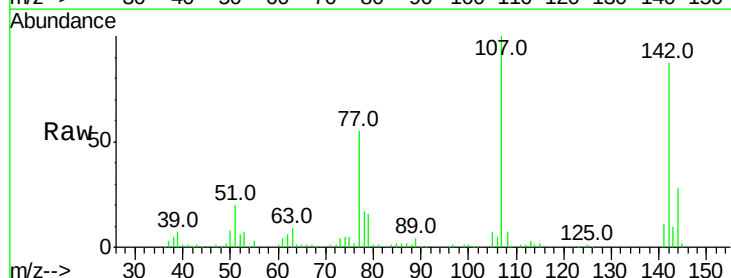
Tgt Ion:107 Resp: 113174

Ion Ratio Lower Upper

107 100

144 27.9 18.2 27.4#

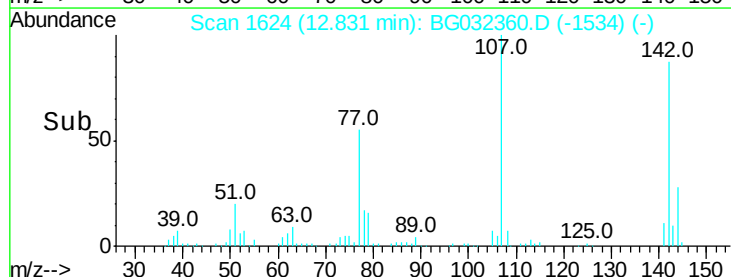
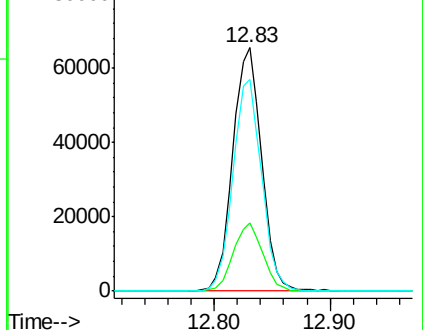
142 86.8 59.0 88.4

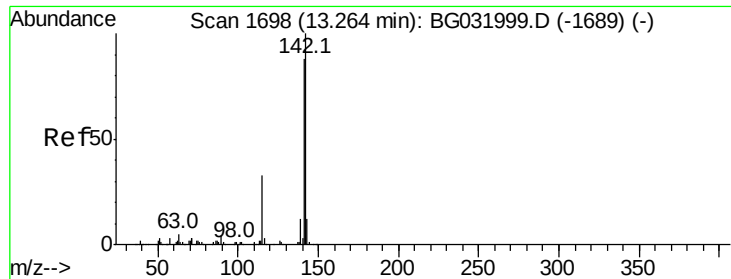


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

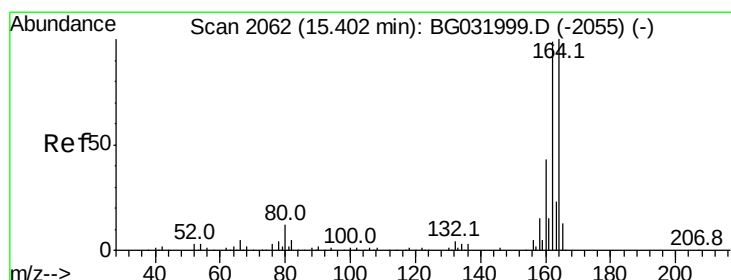
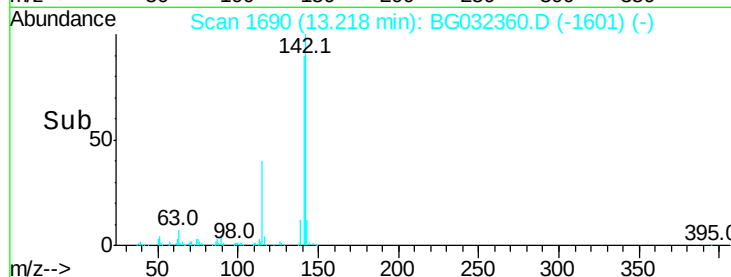
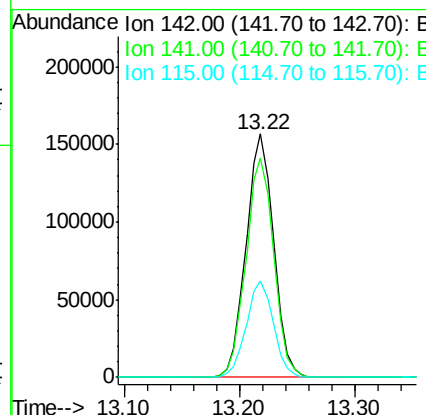
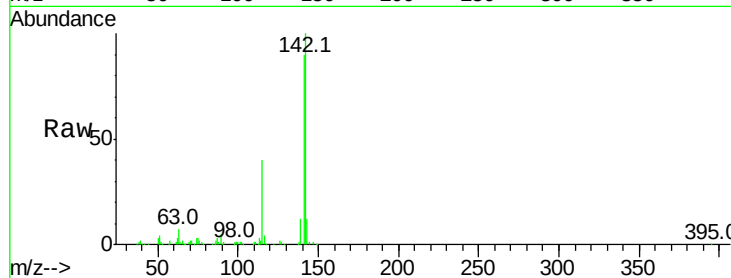




#37
2-Methylnaphthalene
Concen: 40.689 ng
RT: 13.22 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

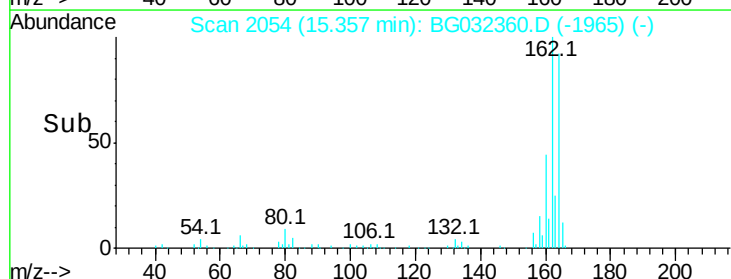
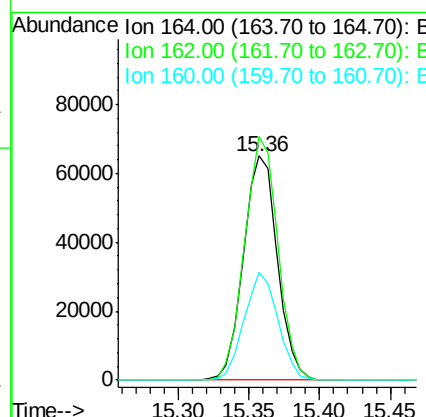
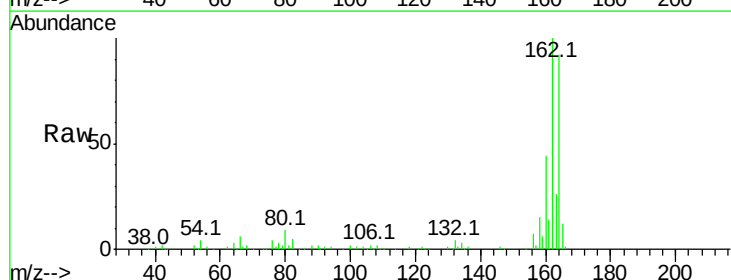
Instrument :
BNA_G
ClientSampleId :
PB106052BS

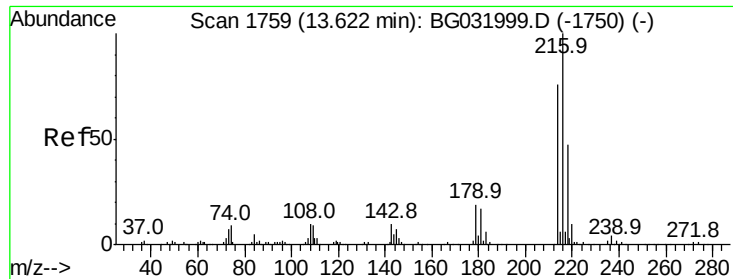
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	67.1	100.7
115	39.7	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.8	78.8	118.2
160	48.4	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.495 ng

RT: 13.58 min Scan# 1751

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

Tot Ion:216 Resp: 207131

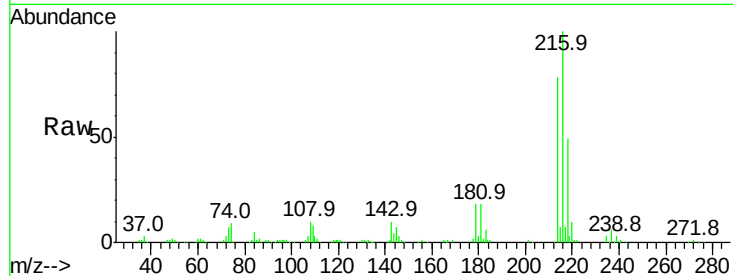
Ion Ratio Lower Upper

216 100

214 77.7 63.0 94.4

179 18.3 17.0 25.6

108 12.9 12.8 19.2

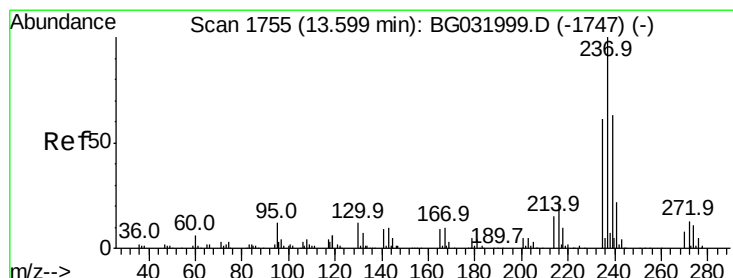
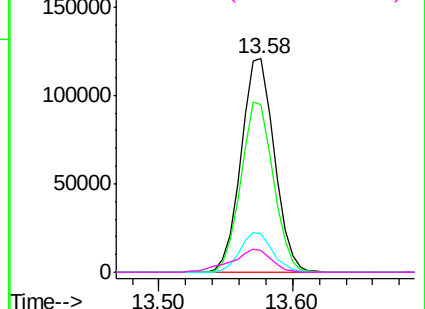
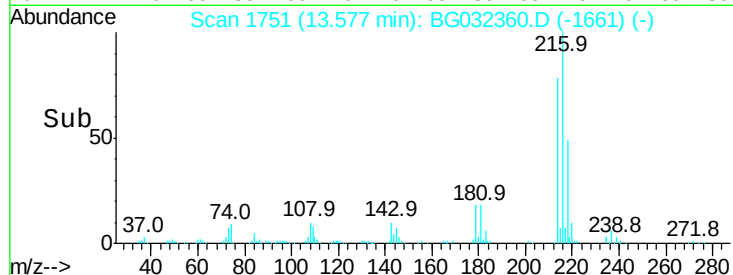


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 109.472 ng

RT: 13.55 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

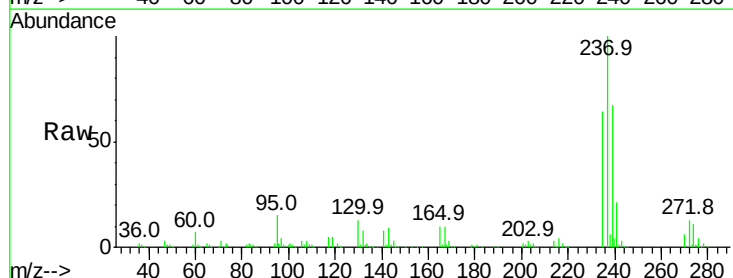
Tgt Ion:237 Resp: 293629

Ion Ratio Lower Upper

237 100

235 63.7 50.4 90.4

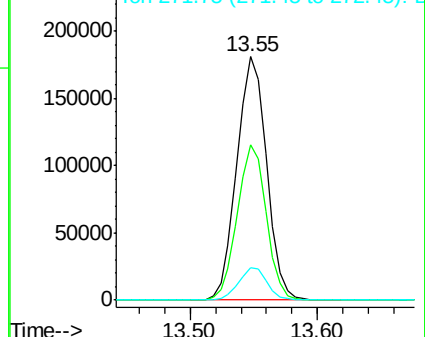
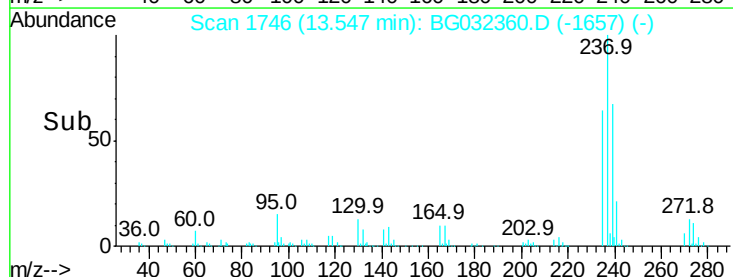
272 13.3 0.0 31.8

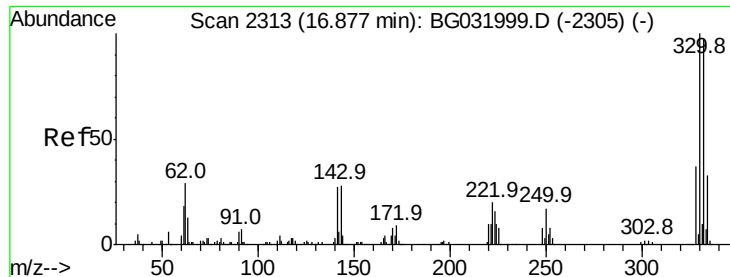


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

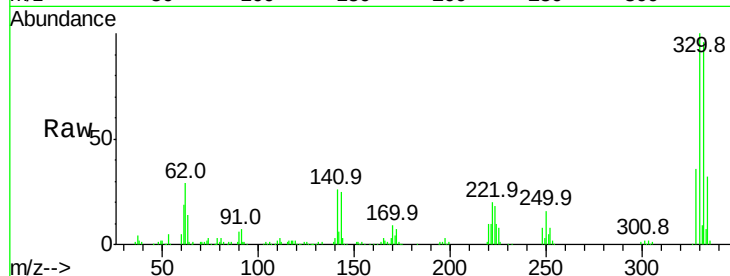




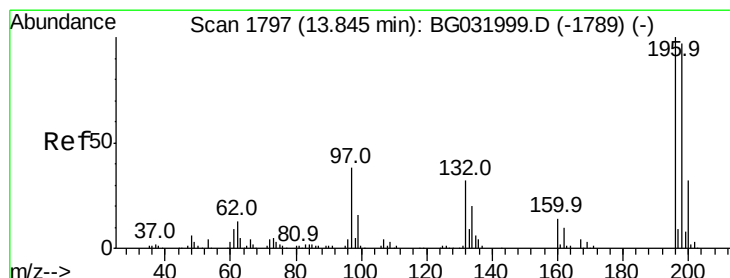
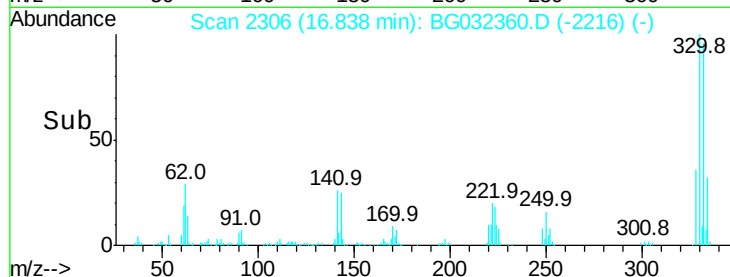
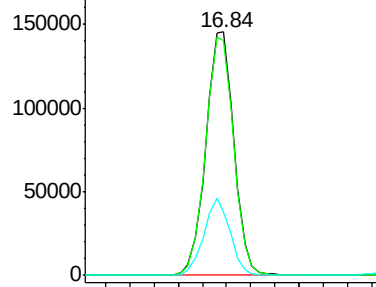
#41
 2,4,6-Tribromophenol
 Concen: 129.874 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB106052BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	29.6	25.2	37.8

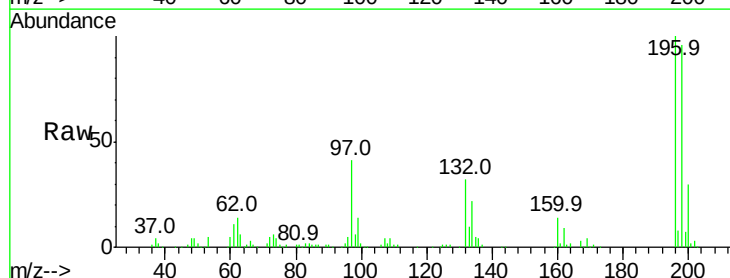


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

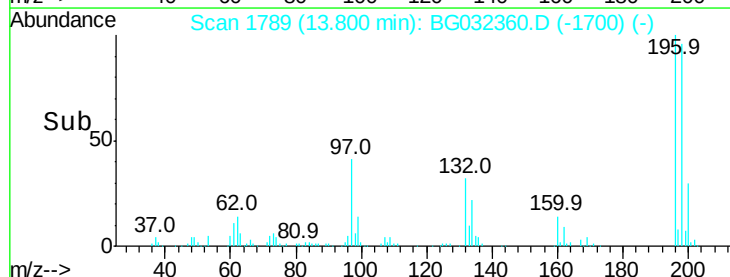
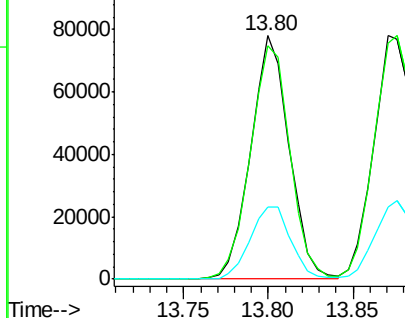


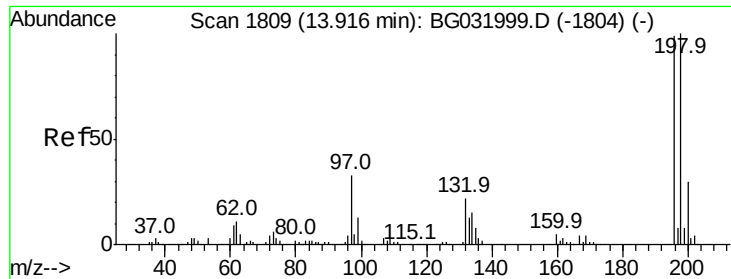
#42
 2,4,6-Trichlorophenol
 Concen: 46.052 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	78.2	117.2
200	29.7	24.6	36.8



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

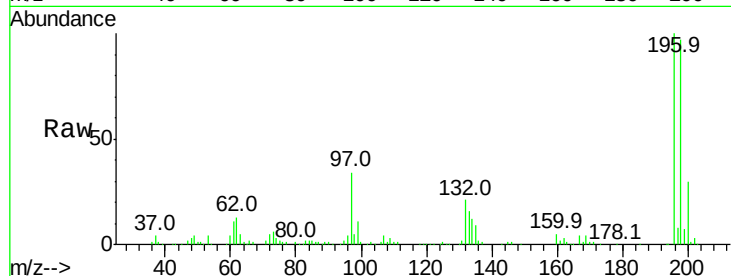




#43
 2,4,5-Trichlorophenol
 Concen: 42.659 ng
 RT: 13.87 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB106052BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.2	114.4
97	33.9	38.7	58.1
132	20.9	20.2	30.2



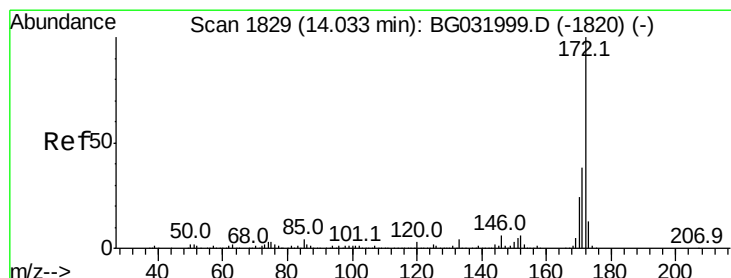
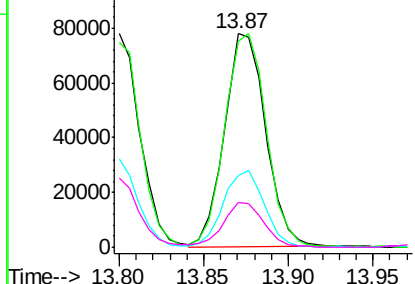
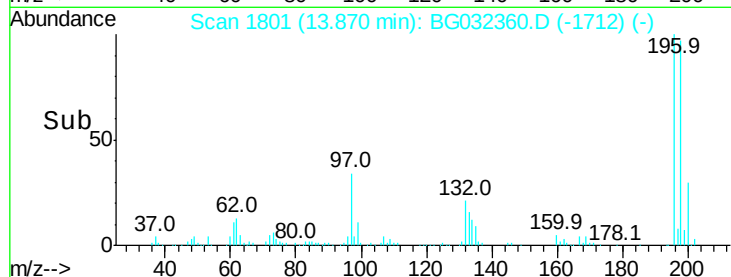
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

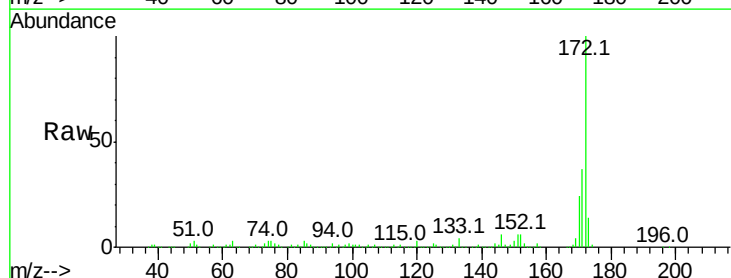
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.598 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.7	19.5	29.3

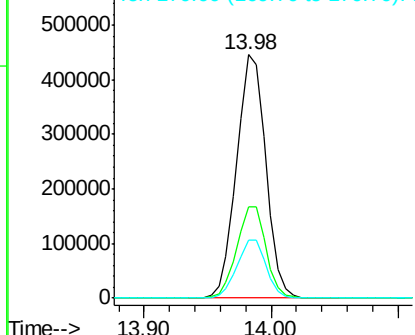
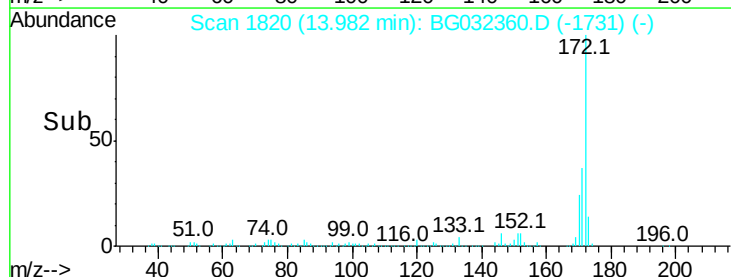


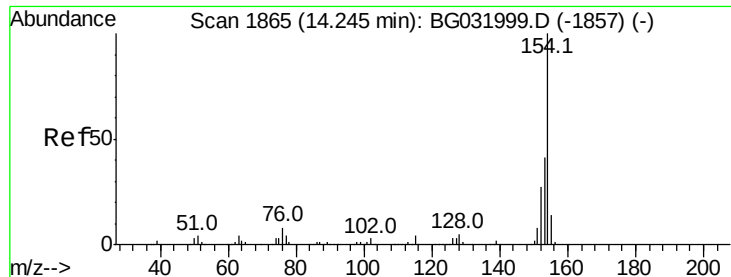
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.524 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

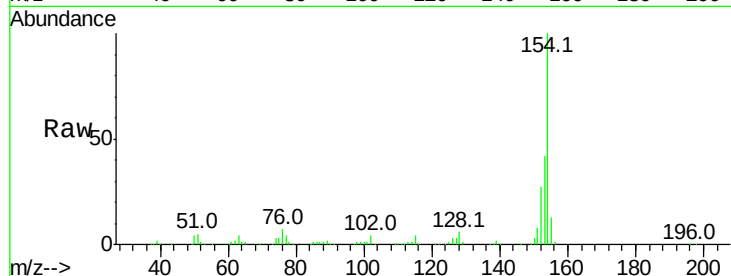
Tot Ion:154 Resp: 370174

Ion Ratio Lower Upper

154 100

153 41.6 19.8 59.8

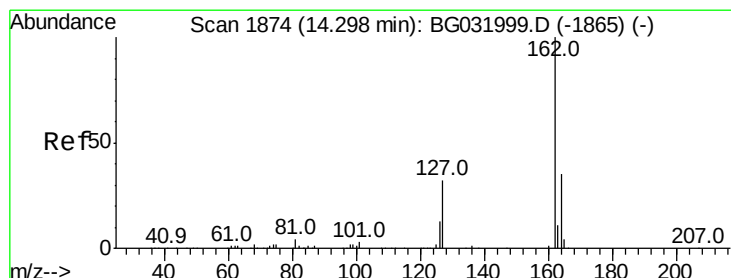
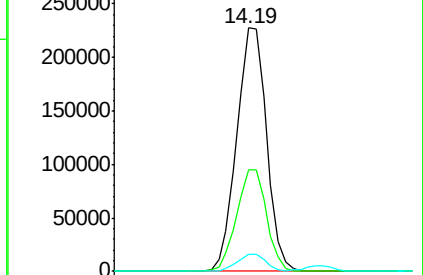
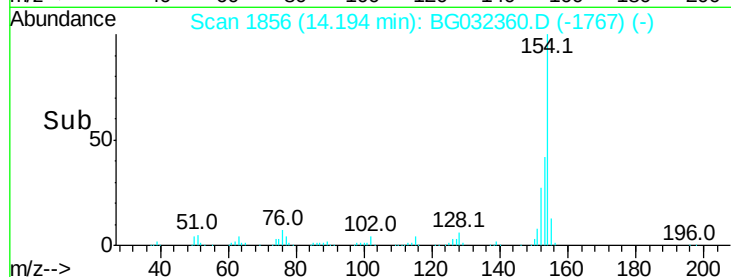
76 7.1 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 39.921 ng

RT: 14.25 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

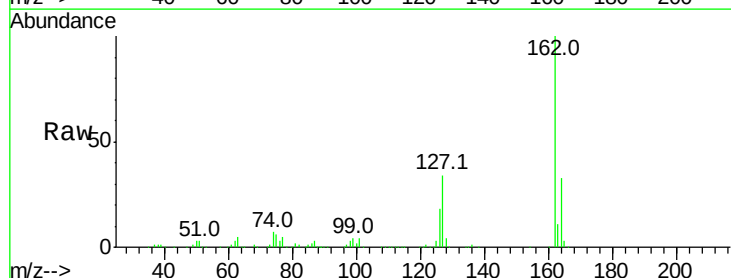
Tgt Ion:162 Resp: 290860

Ion Ratio Lower Upper

162 100

127 34.3 30.7 46.1

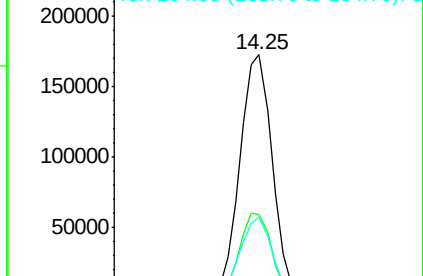
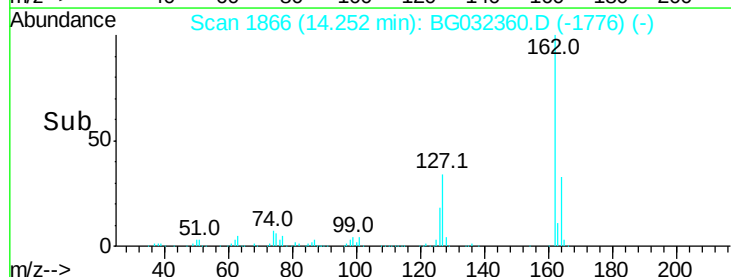
164 33.3 26.0 39.0

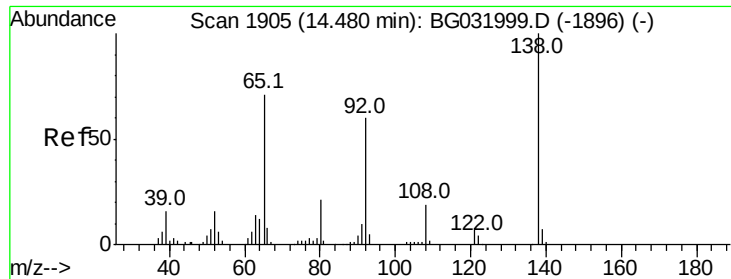


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.372 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

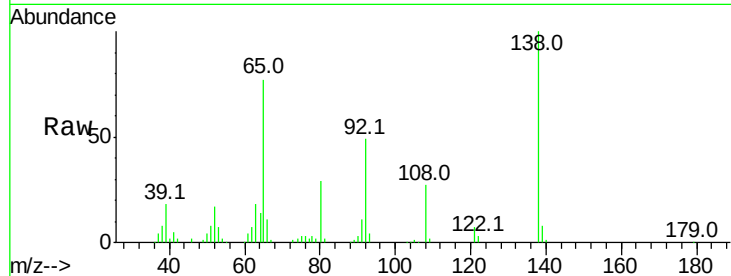
Tot Ion: 65 Resp: 66075

Ion Ratio Lower Upper

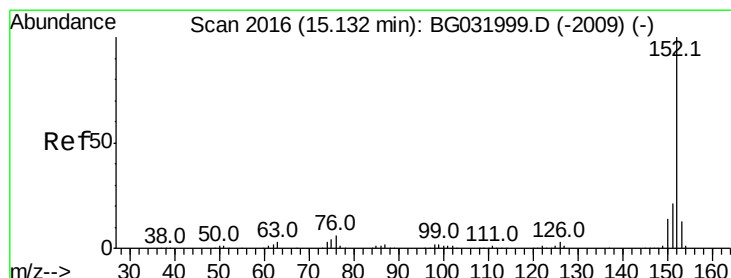
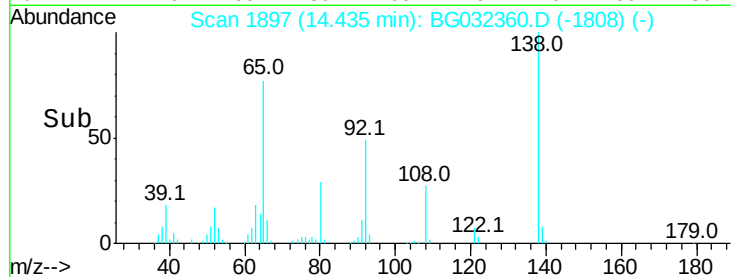
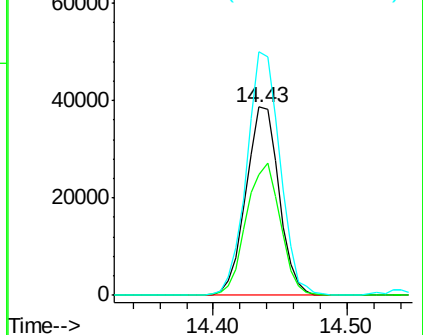
65 100

92 63.9 54.6 82.0

138 129.4 72.9 109.3#



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



#48

Acenaphthylene

Concen: 38.402 ng

RT: 15.09 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

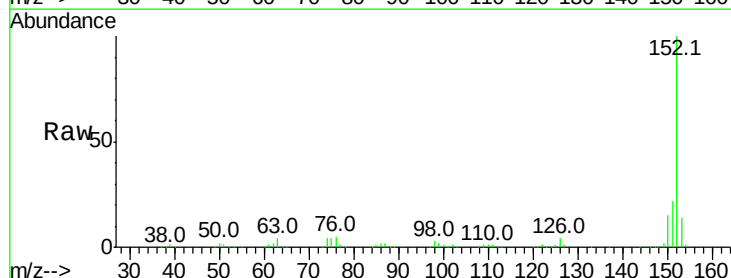
Tgt Ion:152 Resp: 426072

Ion Ratio Lower Upper

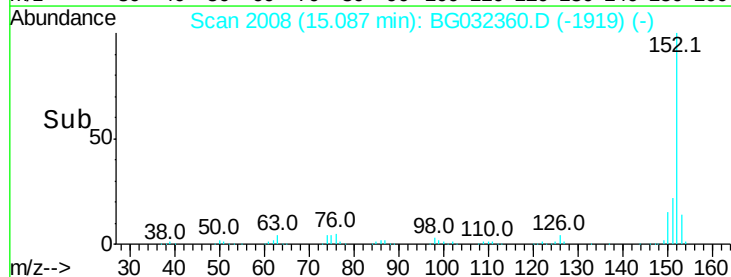
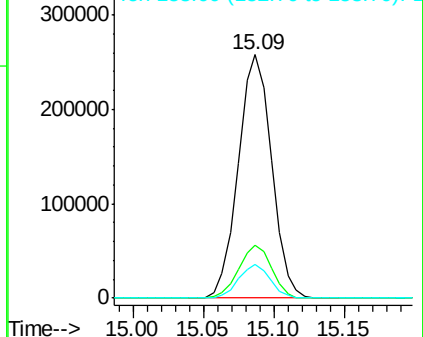
152 100

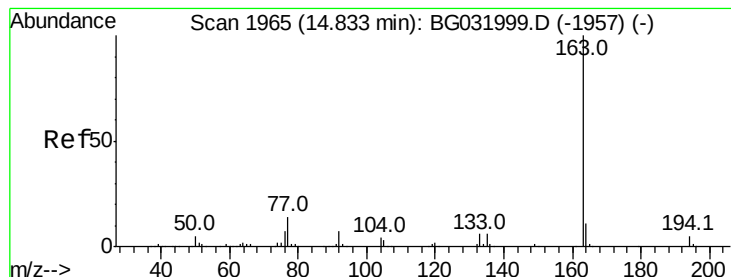
151 21.7 17.2 25.8

153 13.8 10.2 15.4



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





#49

Dimethylphthalate

Concen: 40.226 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

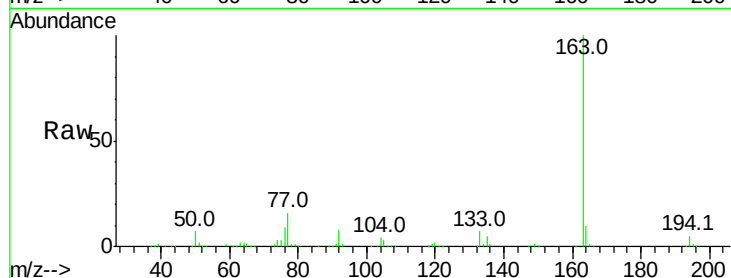
Tot Ion:163 Resp: 384570

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

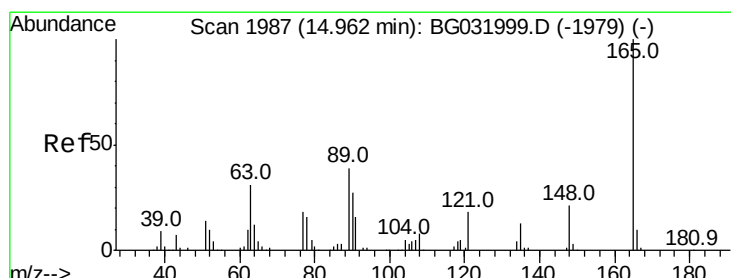
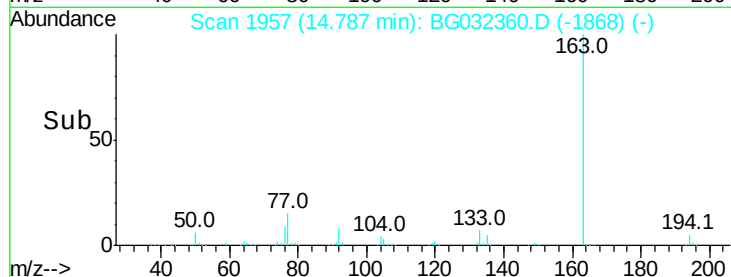
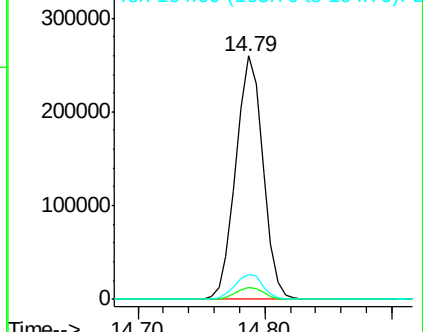
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.893 ng

RT: 14.92 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

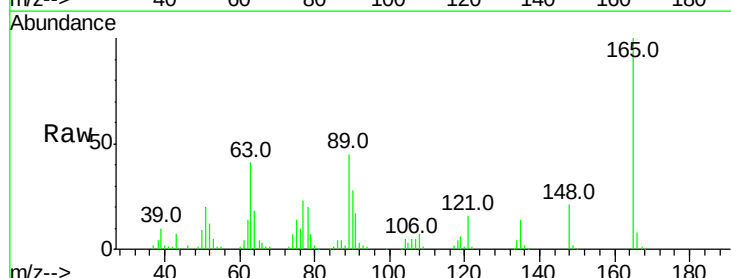
Tgt Ion:165 Resp: 87100

Ion Ratio Lower Upper

165 100

63 41.3 52.7 79.1#

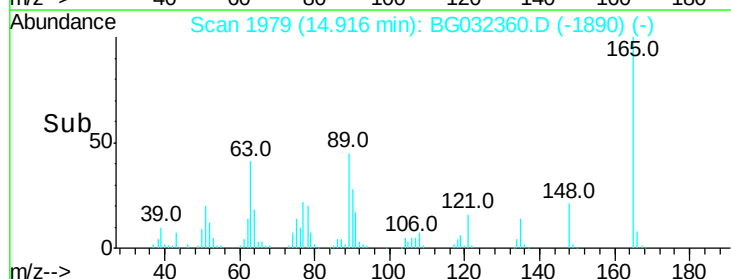
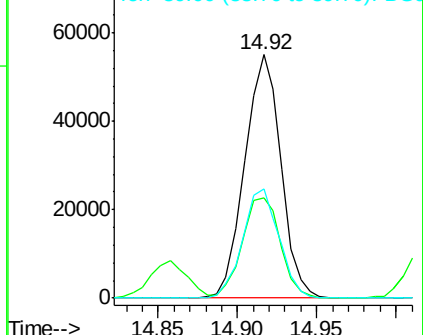
89 45.1 49.2 73.8#

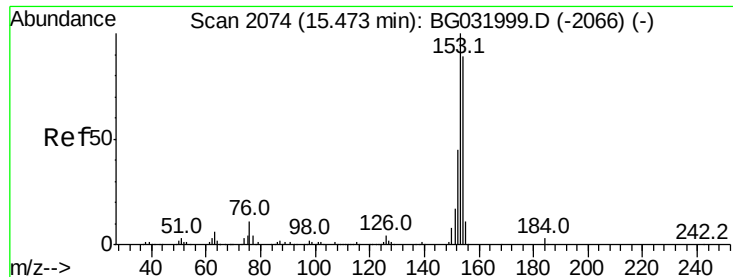


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 46.014 ng

RT: 15.42 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

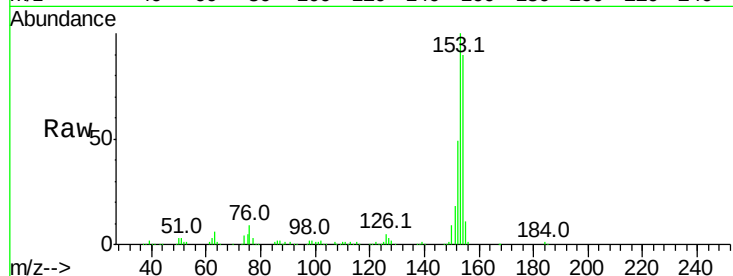
Tot Ion:154 Resp: 337578

Ion Ratio Lower Upper

154 100

153 111.6 90.4 135.6

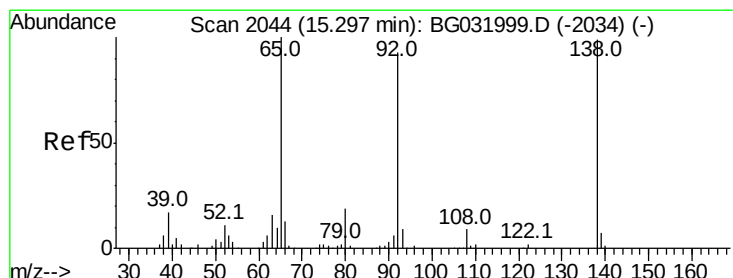
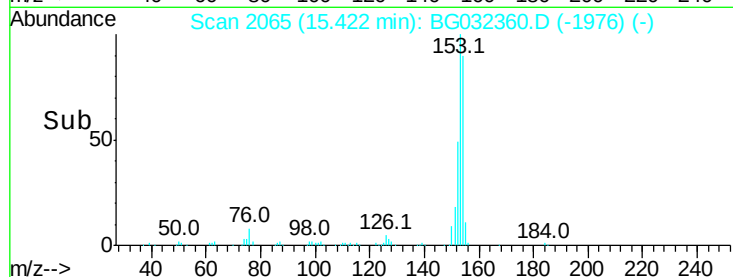
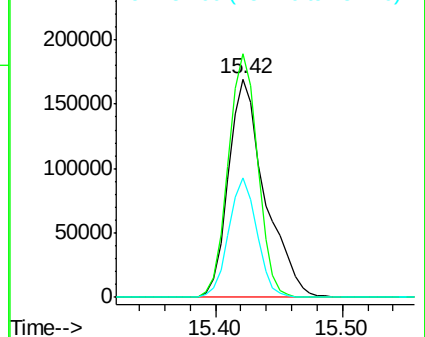
152 54.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.053 ng

RT: 15.25 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

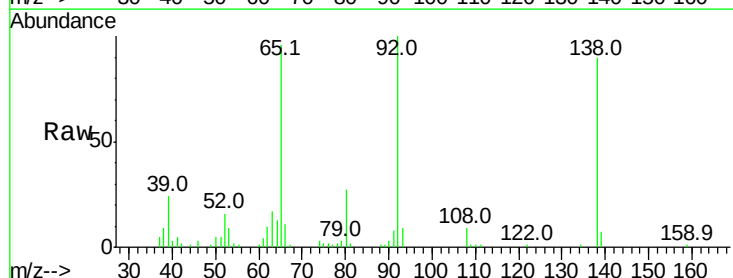
Tgt Ion:138 Resp: 34148

Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

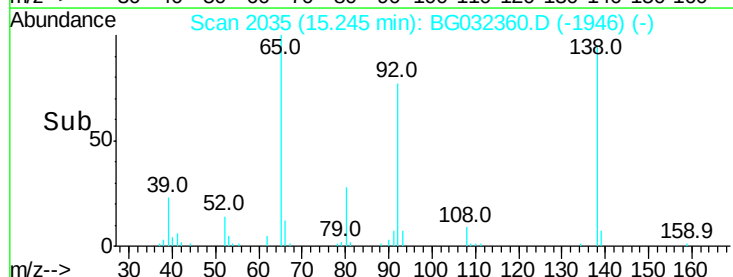
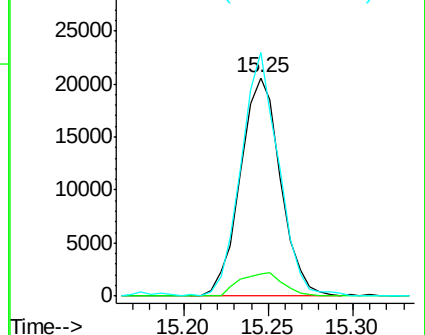
92 111.4 105.8 158.8

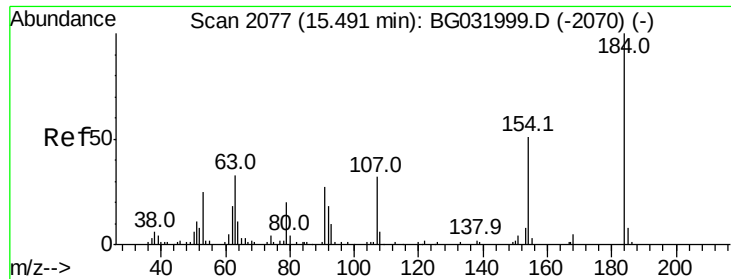


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

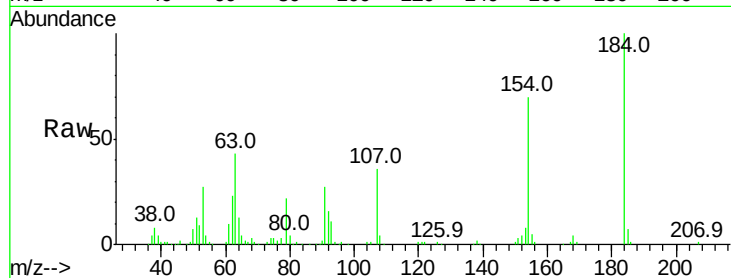




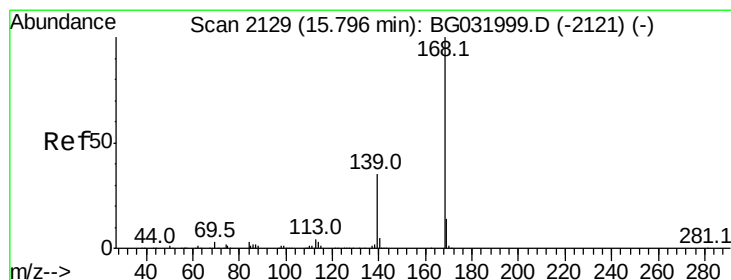
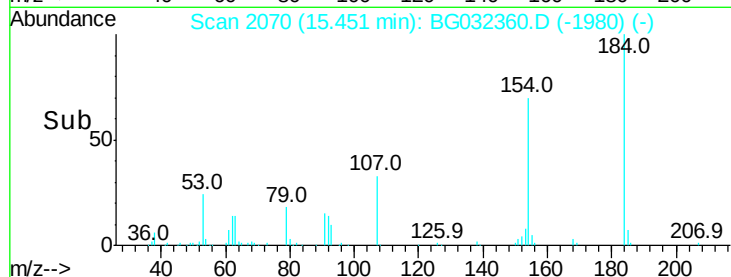
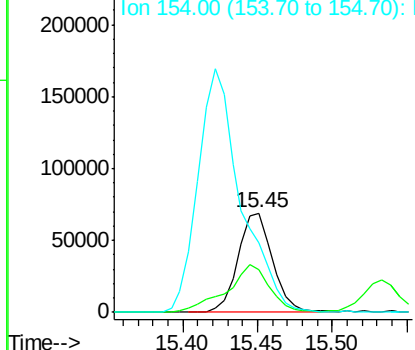
#53
 2,4-Dinitrophenol
 Concen: 109.027 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB106052BS

Tot Ion:184 Resp: 111284
 Ion Ratio Lower Upper
 184 100
 63 42.9 59.8 89.8#
 154 69.9 101.8 152.8#

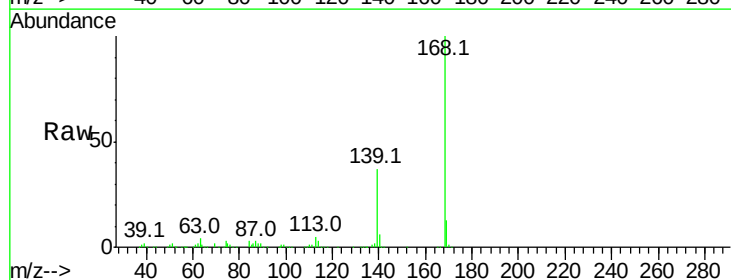


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

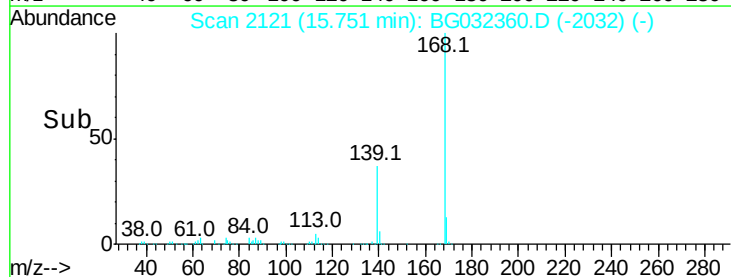
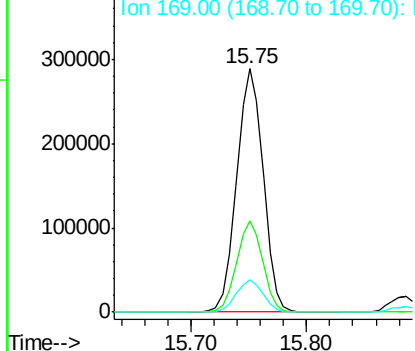


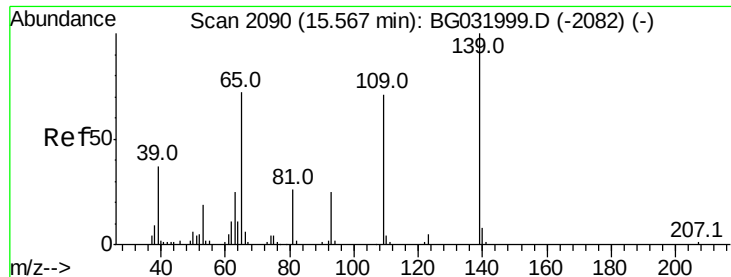
#54
 Dibenzofuran
 Concen: 41.642 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Tgt Ion:168 Resp: 455744
 Ion Ratio Lower Upper
 168 100
 139 37.4 28.6 43.0
 169 13.4 11.2 16.8



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

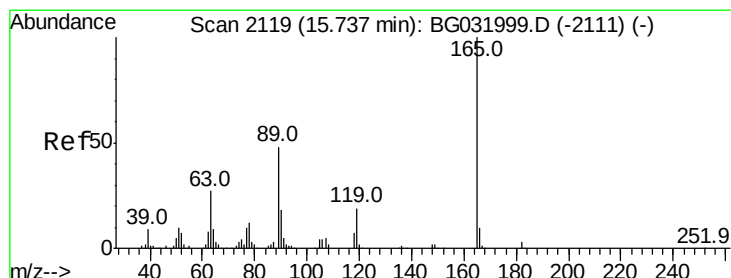
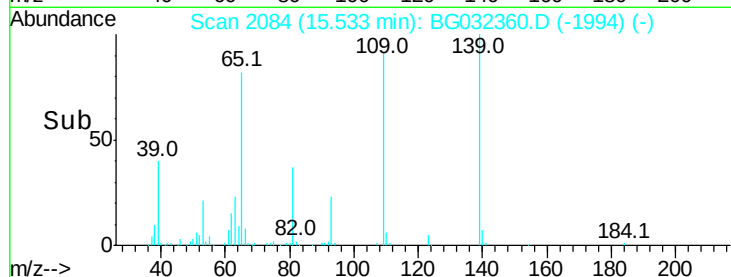
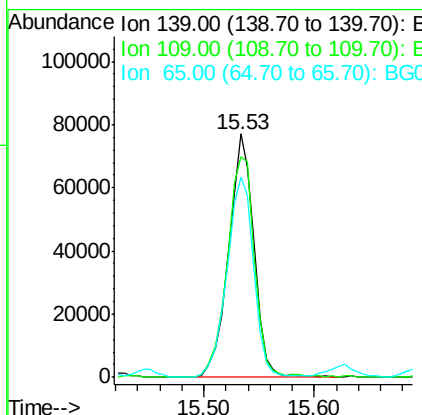
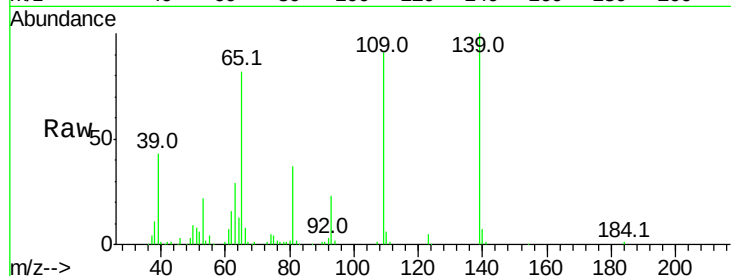




#55
4-Nitrophenol
Concen: 94.420 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

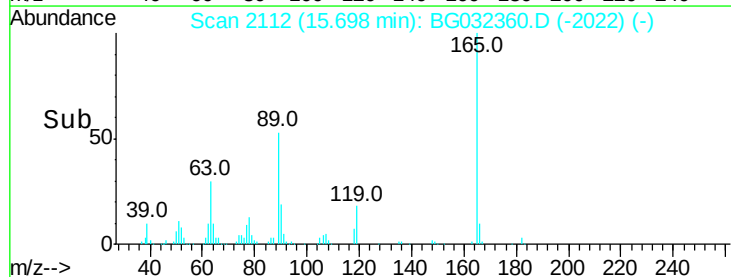
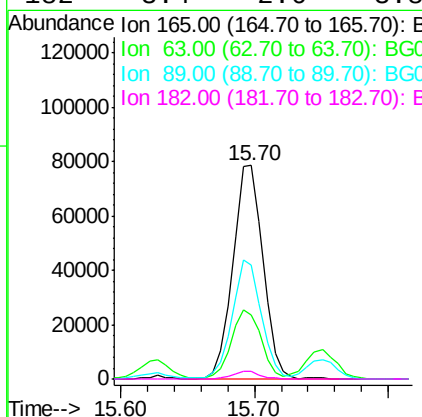
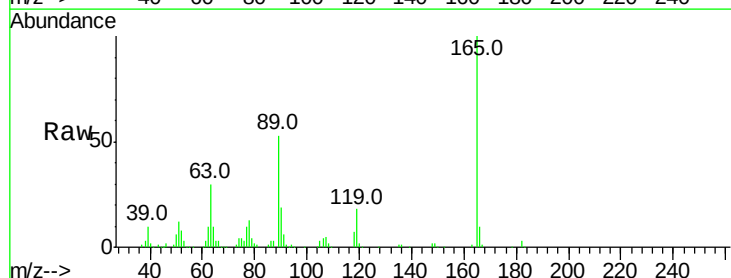
Instrument :
BNA_G
ClientSampleId :
PB106052BS

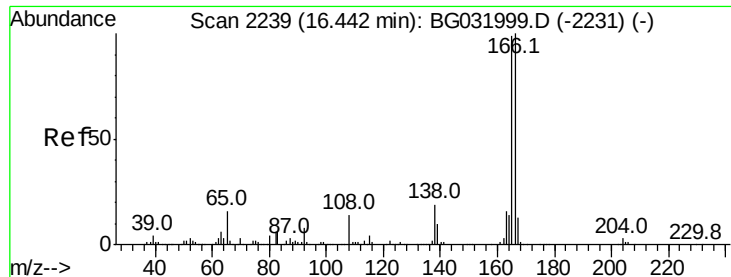
Tot Ion:139 Resp: 123326
Ion Ratio Lower Upper
139 100
109 90.5 62.2 102.2
65 82.1 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 46.063 ng
RT: 15.70 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

Tgt Ion:165 Resp: 123062
Ion Ratio Lower Upper
165 100
63 30.2 42.0 63.0#
89 53.4 66.9 100.3#
182 3.4 2.6 3.8





#57

Fluorene

Concen: 40.433 ng

RT: 16.40 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

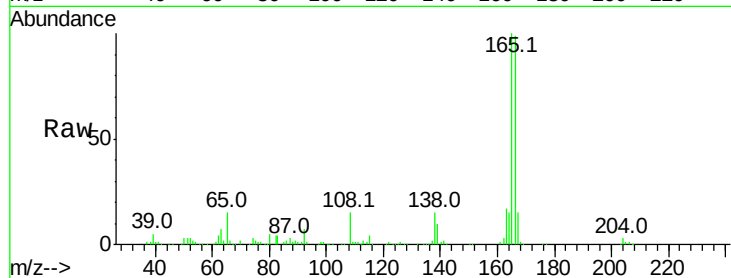
Tot Ion:166 Resp: 362923

Ion Ratio Lower Upper

166 100

165 101.2 80.6 121.0

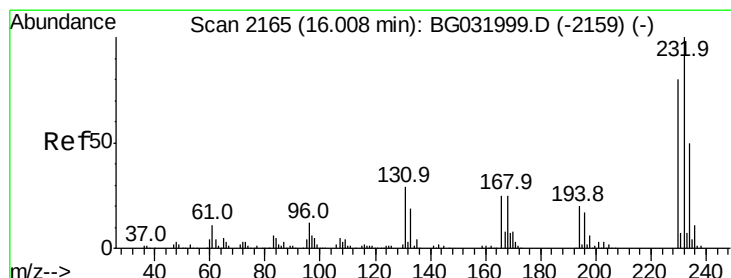
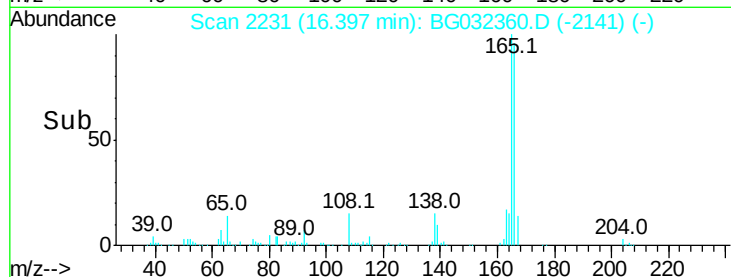
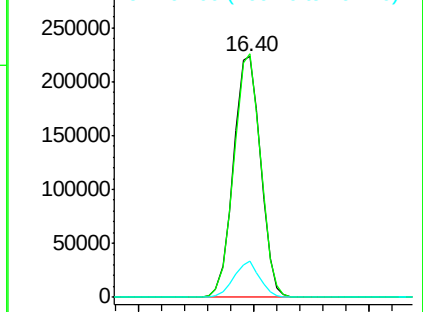
167 14.8 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.570 ng

RT: 15.96 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Tgt Ion:232 Resp: 139162

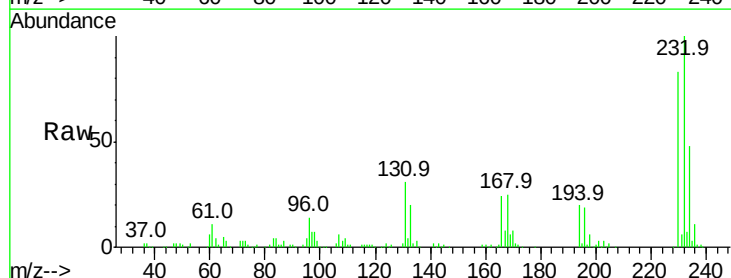
Ion Ratio Lower Upper

232 100

131 30.8 33.5 50.3#

130 1.8 2.2 3.2#

166 24.7 24.8 37.2#

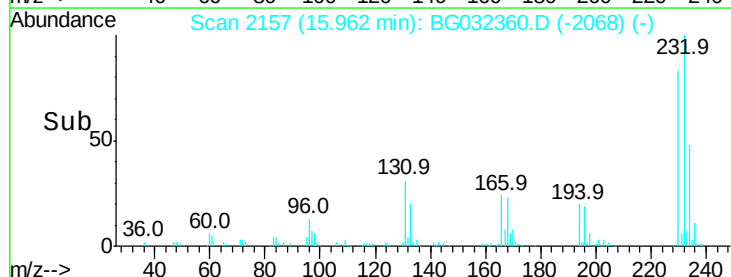
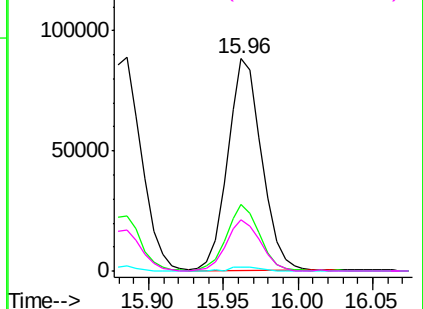


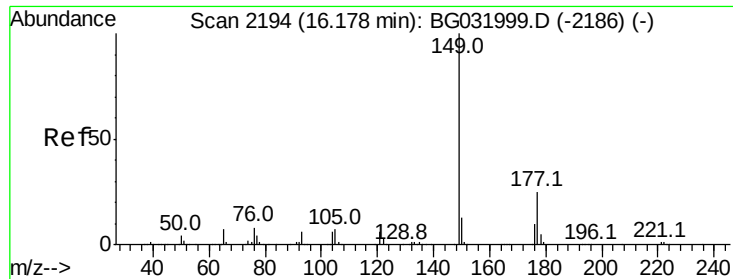
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

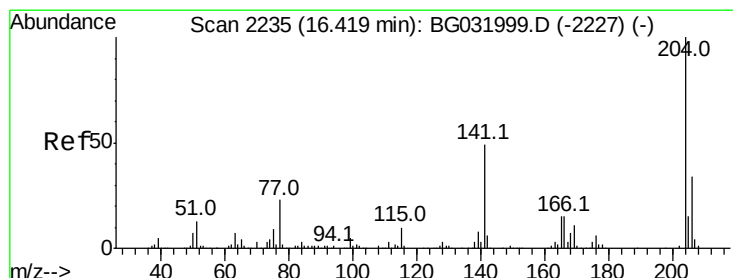
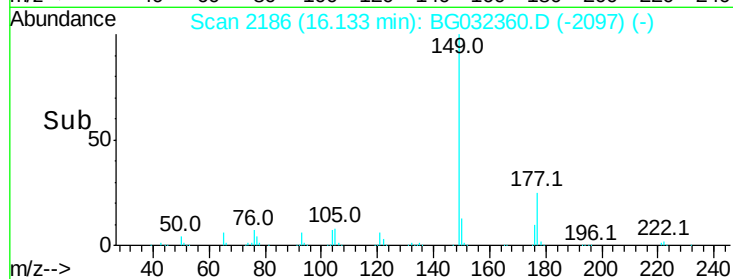
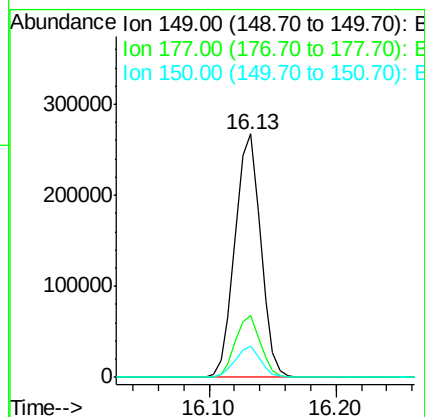
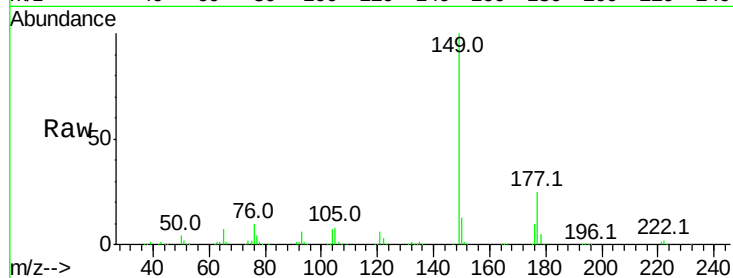




#59
Diethylphthalate
Concen: 40.394 ng
RT: 16.13 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

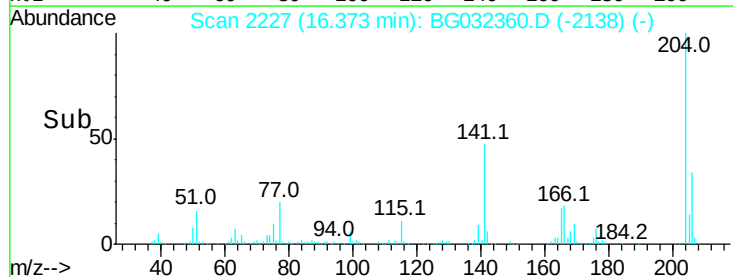
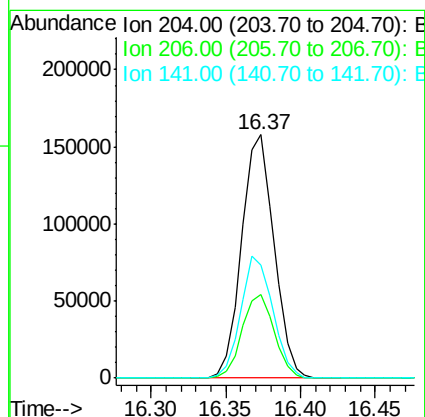
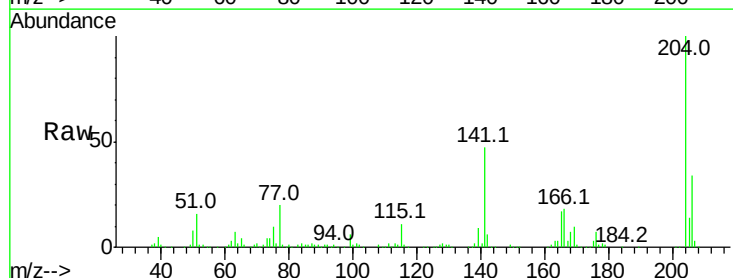
Instrument :
BNA_G
ClientSampleId :
PB106052BS

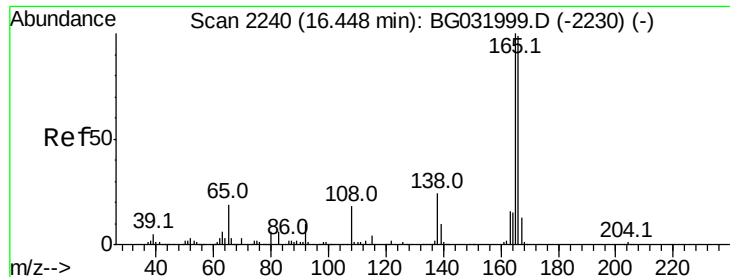
Tot Ion:149 Resp: 374381
Ion Ratio Lower Upper
149 100
177 25.4 18.5 27.7
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.152 ng
RT: 16.37 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

Tgt Ion:204 Resp: 237601
Ion Ratio Lower Upper
204 100
206 34.5 26.2 39.2
141 46.5 45.8 68.6

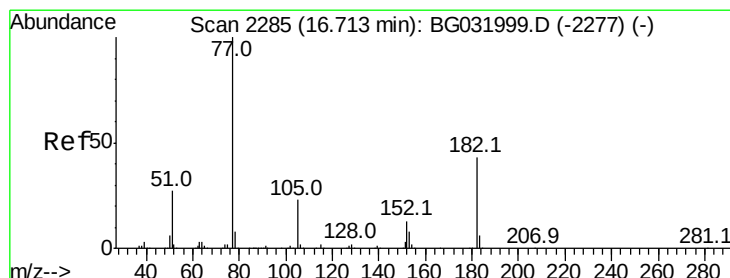
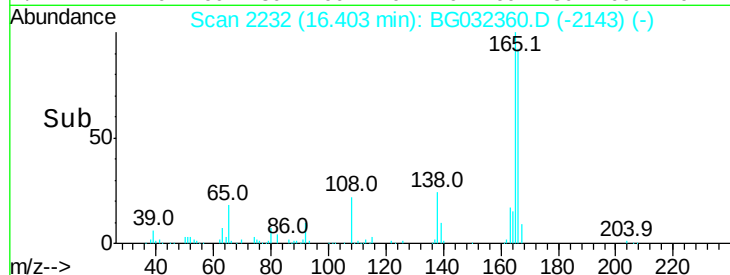
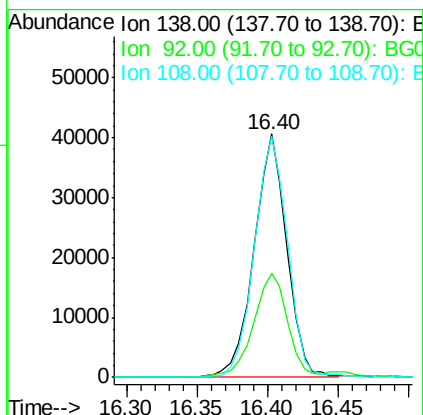
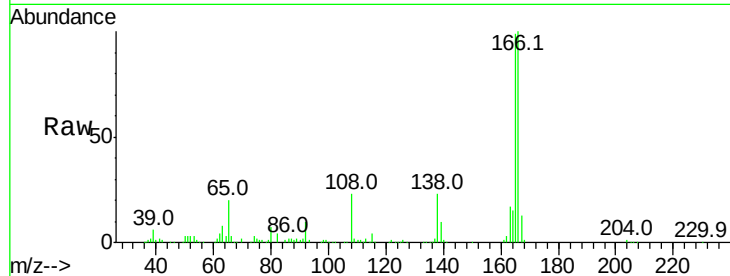




#61
4-Nitroaniline
Concen: 38.621 ng
RT: 16.40 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

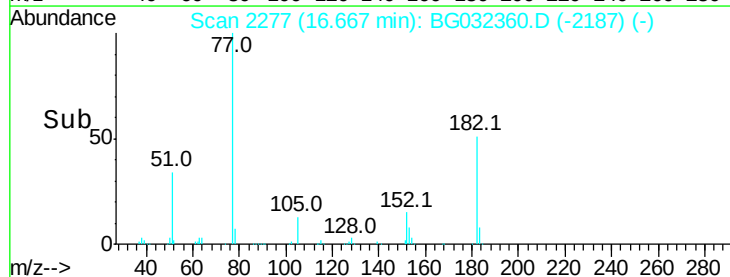
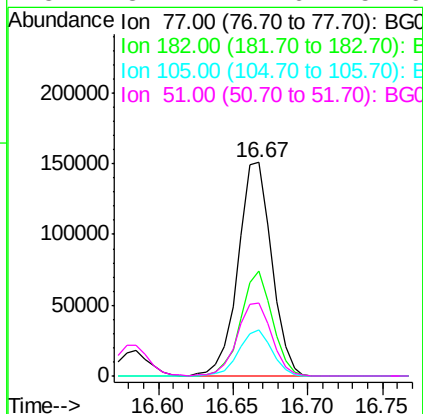
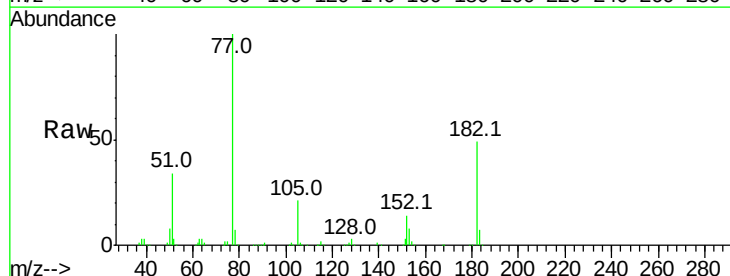
Instrument :
BNA_G
ClientSampleId :
PB106052BS

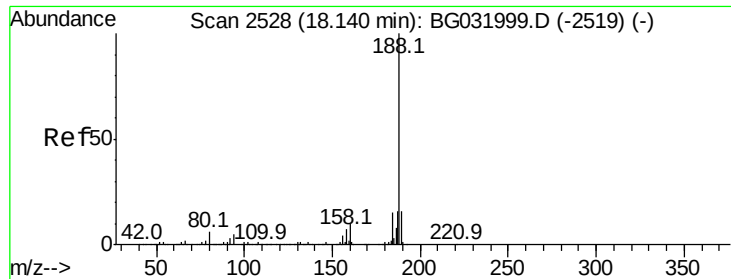
Tot Ion:138 Resp: 66400
Ion Ratio Lower Upper
138 100
92 42.9 40.1 80.1
108 99.3 65.4 105.4



#62
Azobenzene
Concen: 40.642 ng
RT: 16.67 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

Tgt Ion: 77 Resp: 235767
Ion Ratio Lower Upper
77 100
182 49.0 7.4 47.4#
105 21.4 0.3 40.3
51 34.4 11.6 51.6

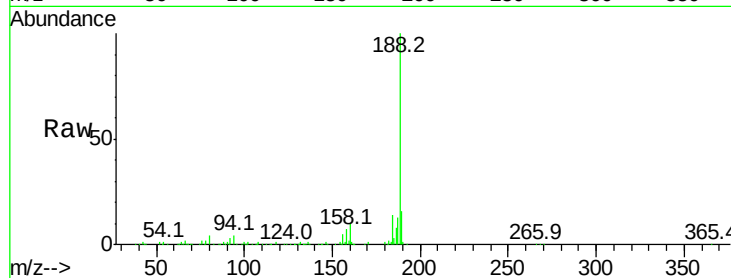




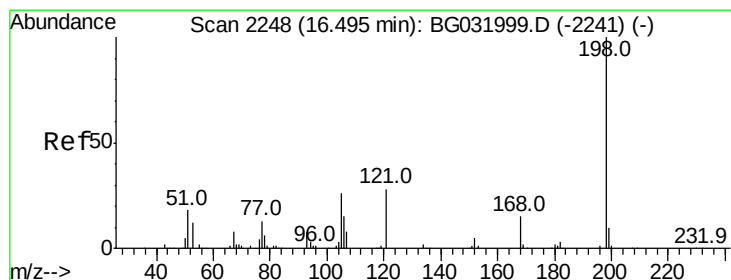
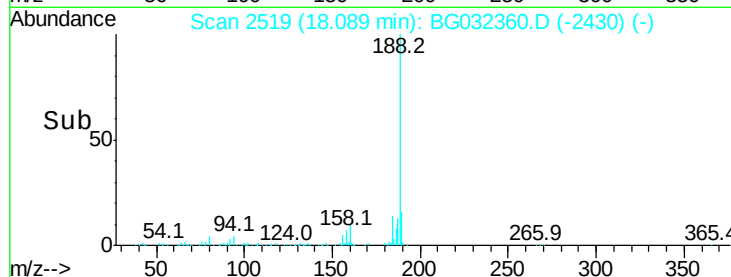
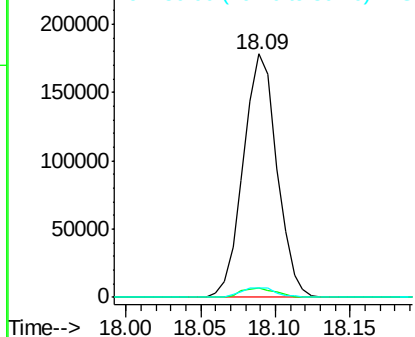
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB106052BS

Tot Ion:188 Resp: 278202
Ion Ratio Lower Upper
188 100
94 4.0 6.9 10.3#
80 4.1 7.7 11.5#

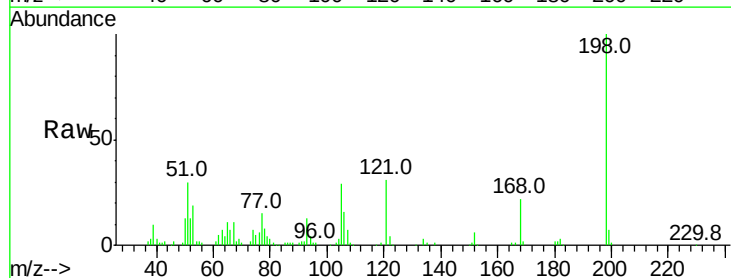


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

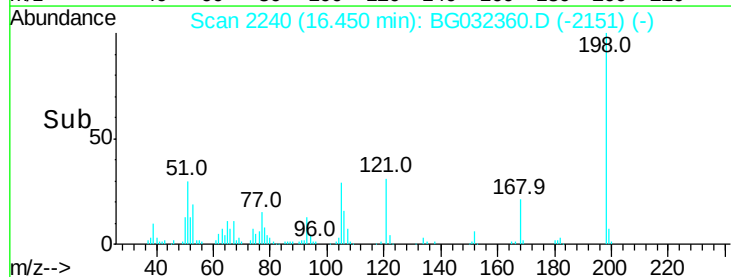
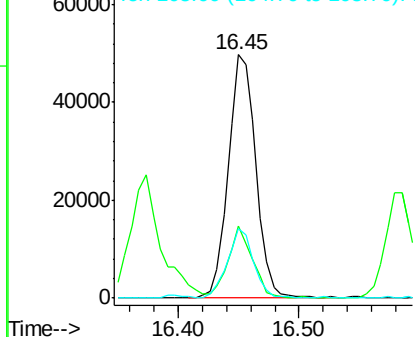


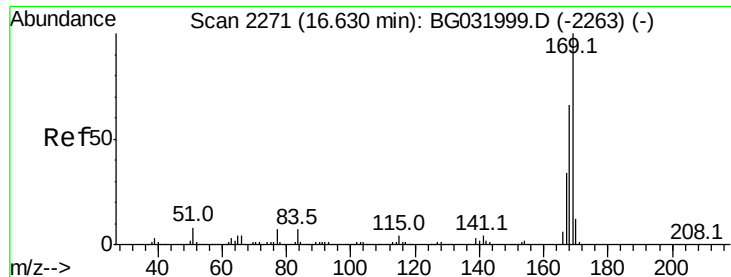
#64
4,6-Dinitro-2-methylphenol
Concen: 44.668 ng
RT: 16.45 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

Tgt Ion:198 Resp: 78868
Ion Ratio Lower Upper
198 100
51 29.8 30.6 70.6#
105 28.7 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.658 ng

RT: 16.58 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

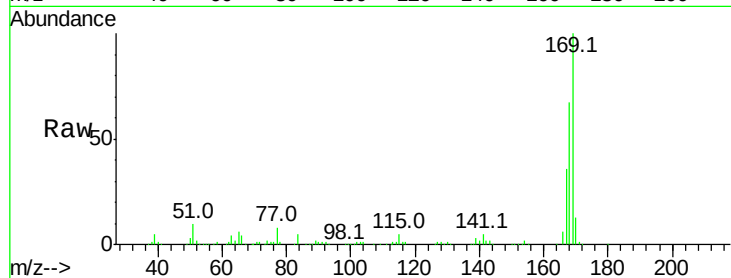
Tot Ion:169 Resp: 334790

Ion Ratio Lower Upper

169 100

168 67.2 55.7 83.5

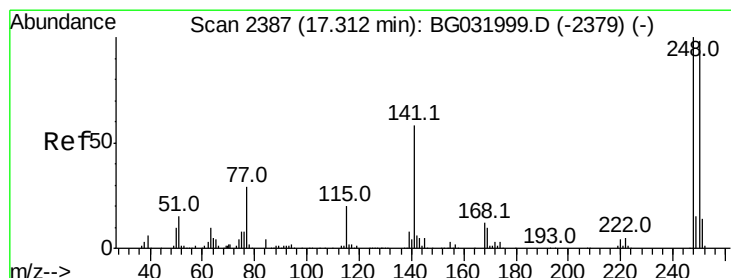
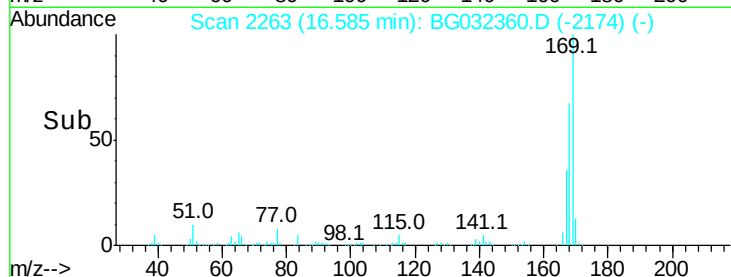
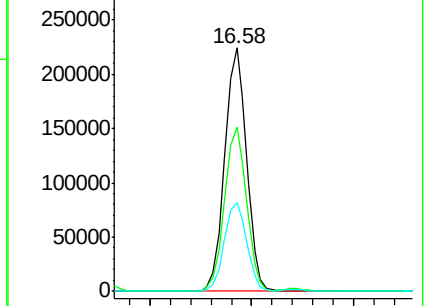
167 36.5 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.368 ng

RT: 17.27 min Scan# 2379

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

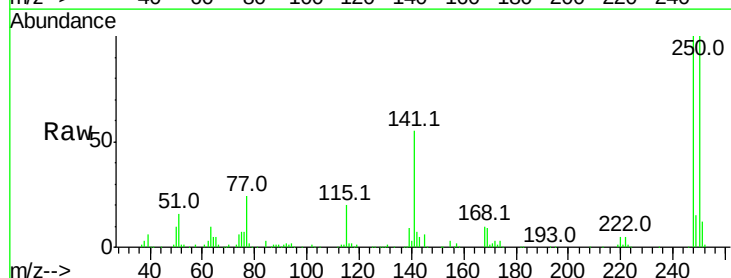
Tgt Ion:248 Resp: 171665

Ion Ratio Lower Upper

248 100

250 99.8 77.1 115.7

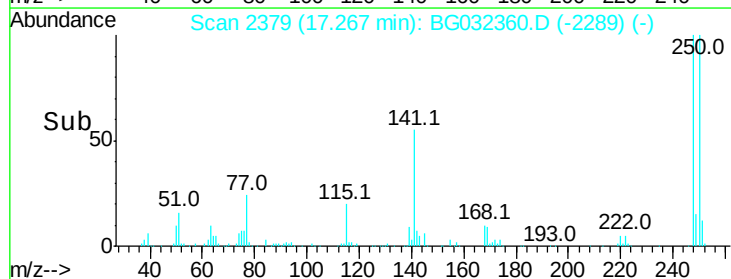
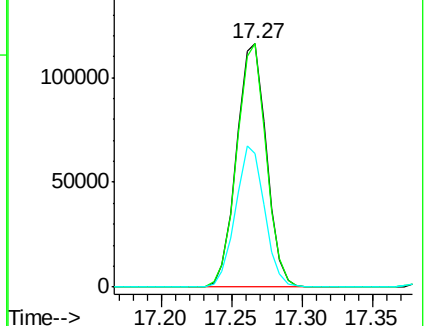
141 54.9 50.8 76.2

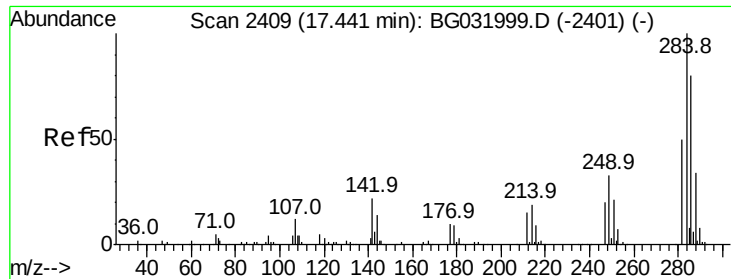


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.583 ng

RT: 17.40 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

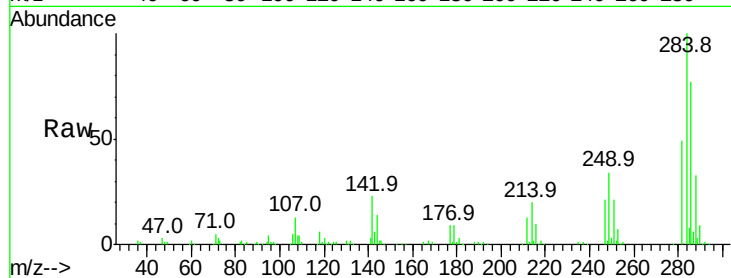
Tot Ion:284 Resp: 177723

Ion Ratio Lower Upper

284 100

142 23.1 26.8 40.2#

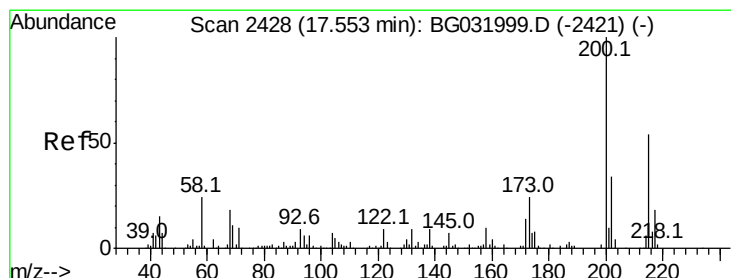
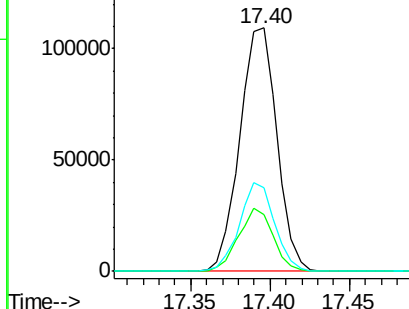
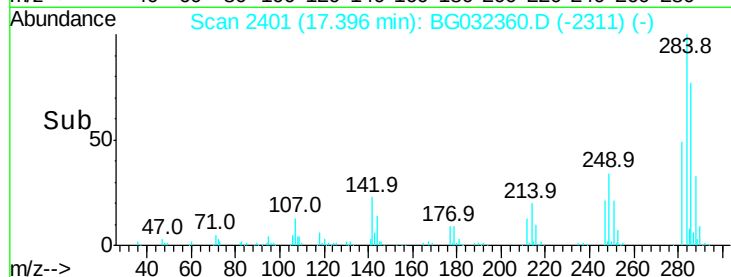
249 34.4 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.005 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

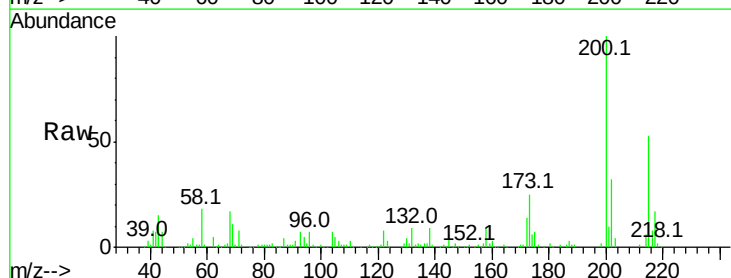
Tgt Ion:200 Resp: 156226

Ion Ratio Lower Upper

200 100

173 24.6 5.2 45.2

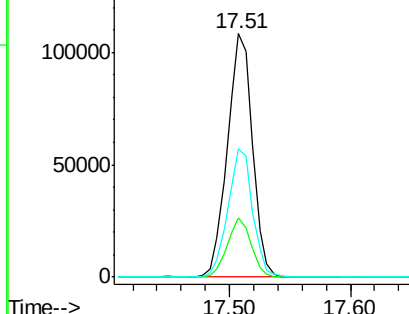
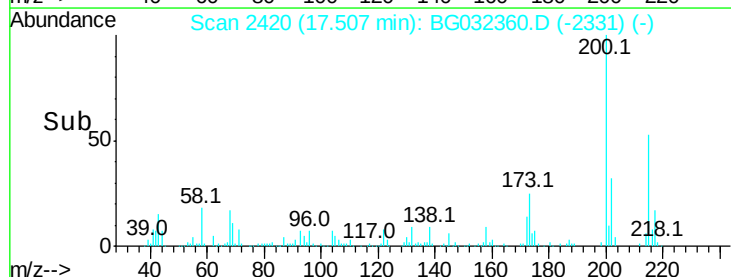
215 52.7 30.4 70.4

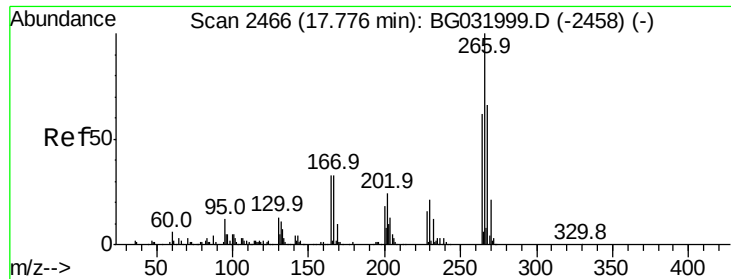


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

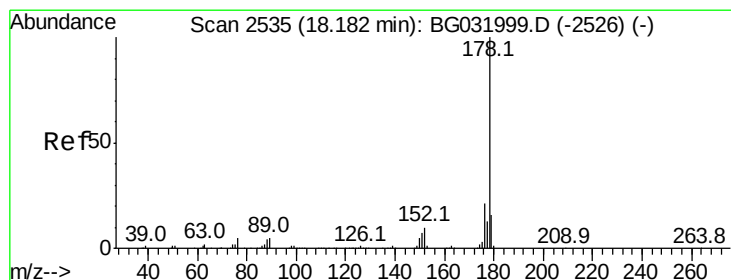
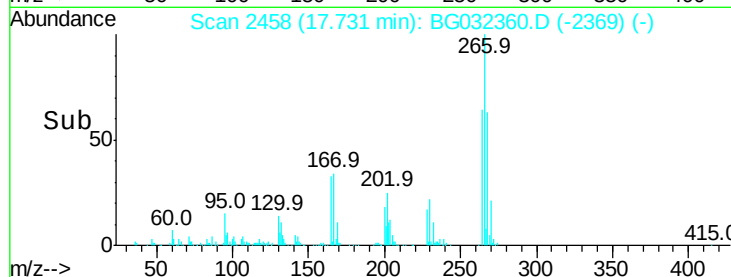
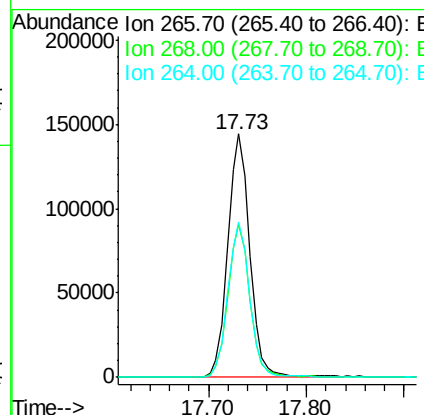
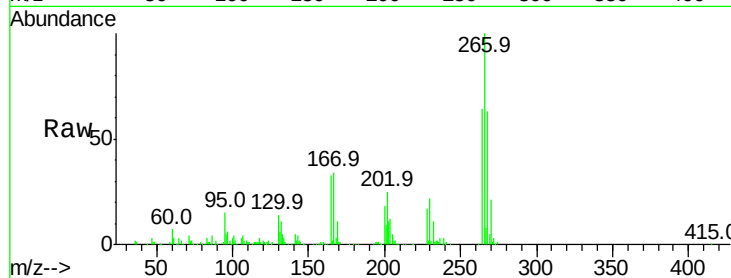




#69
 Pentachlorophenol
 Concen: 80.740 ng
 RT: 17.73 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

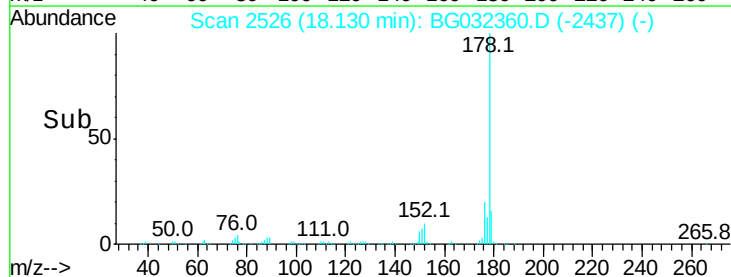
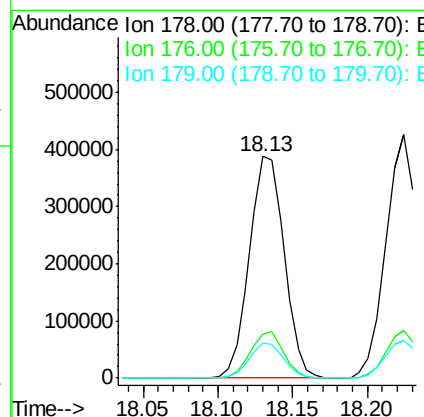
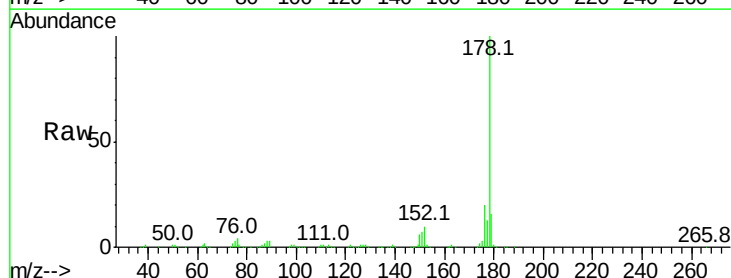
Instrument :
 BNA_G
 ClientSampleId :
 PB106052BS

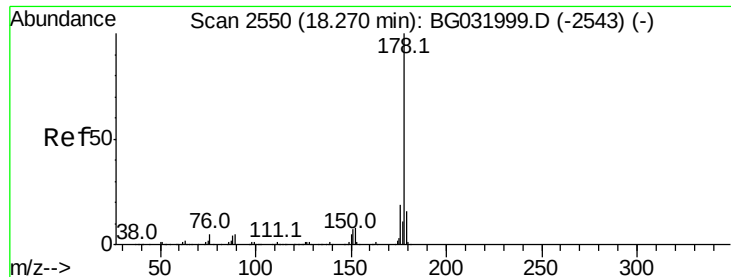
Tot Ion:	266	Resp:	226005
Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	63.6	49.6	74.4



#70
 Phenanthrene
 Concen: 40.317 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Tgt Ion:	178	Resp:	624480
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	16.1	12.5	18.7

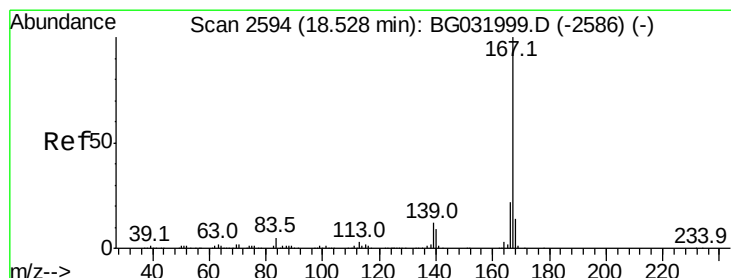
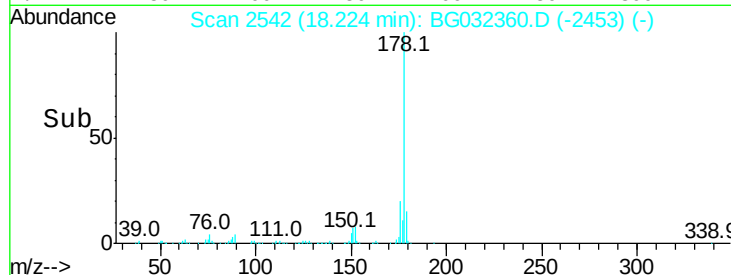
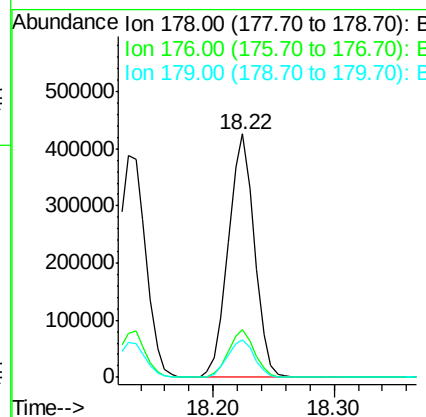
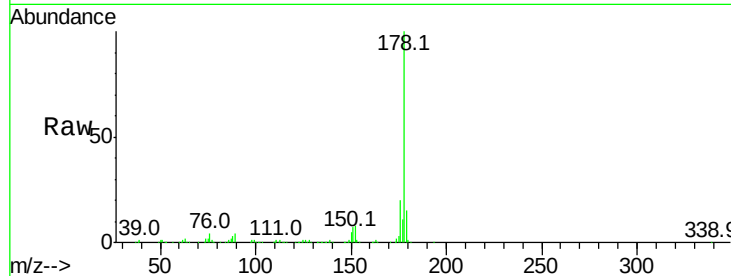




#71
 Anthracene
 Concen: 41.218 ng
 RT: 18.22 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

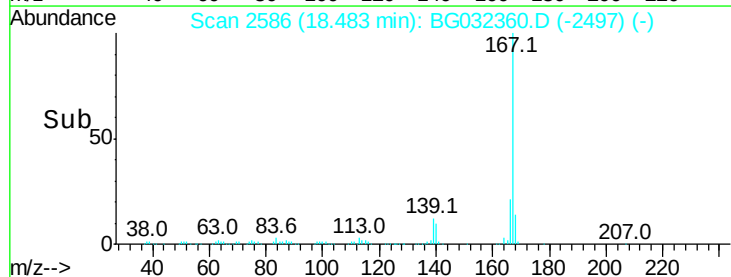
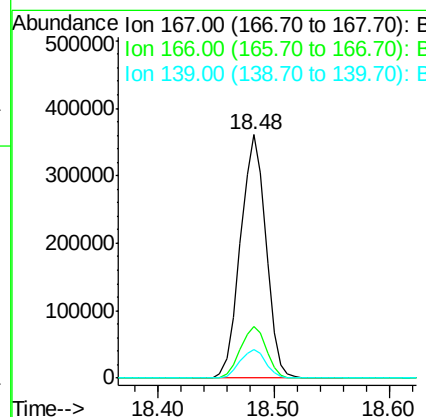
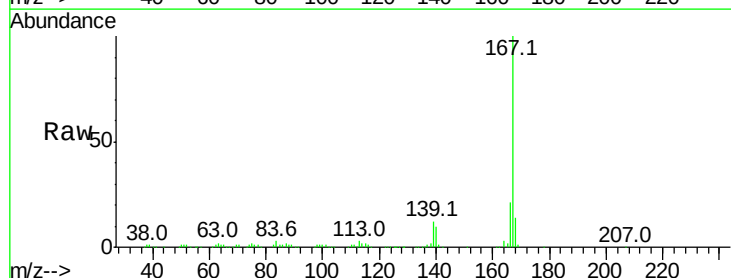
Instrument :
 BNA_G
 ClientSampleId :
 PB106052BS

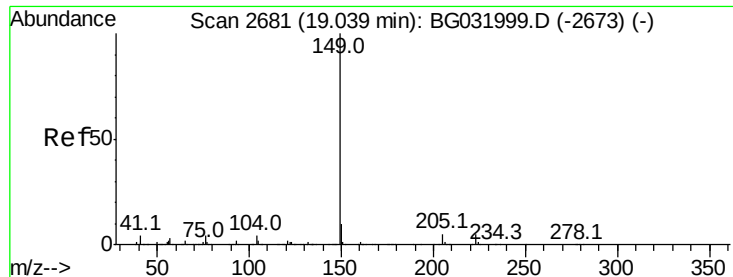
Tot Ion:178 Resp: 636760
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.4 12.5 18.7



#72
 Carbazole
 Concen: 41.155 ng
 RT: 18.48 min Scan# 2586
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Tgt Ion:167 Resp: 551541
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.2 27.4
 139 11.9 9.4 14.2





#73

Di-n-butylphthalate

Concen: 38.655 ng

RT: 18.99 min Scan# 2672

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

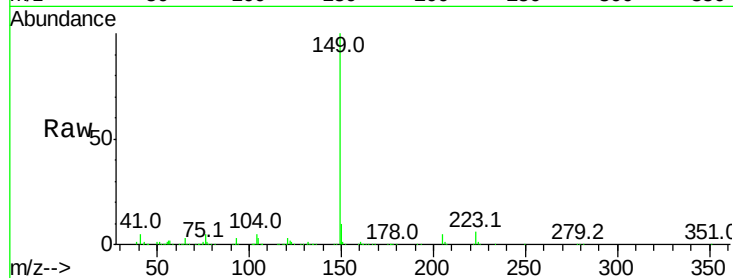
Tot Ion:149 Resp: 612136

Ion Ratio Lower Upper

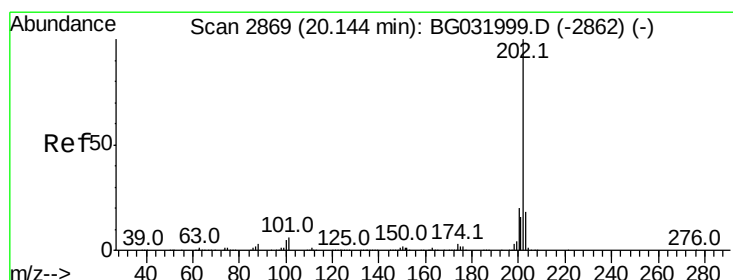
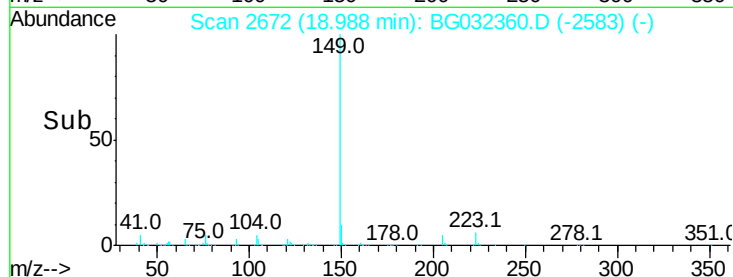
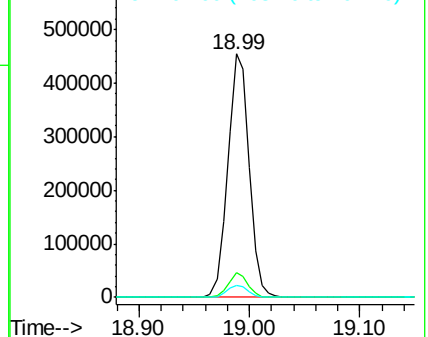
149 100

150 9.9 7.8 11.6

104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.058 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

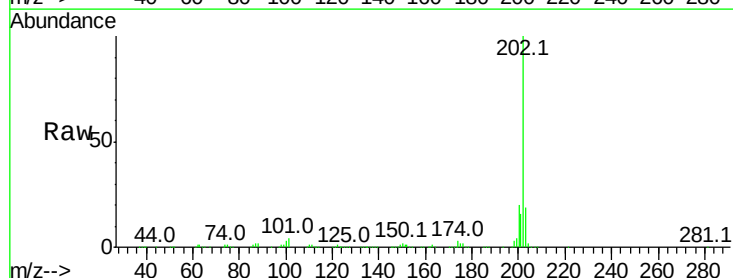
Tgt Ion:202 Resp: 835045

Ion Ratio Lower Upper

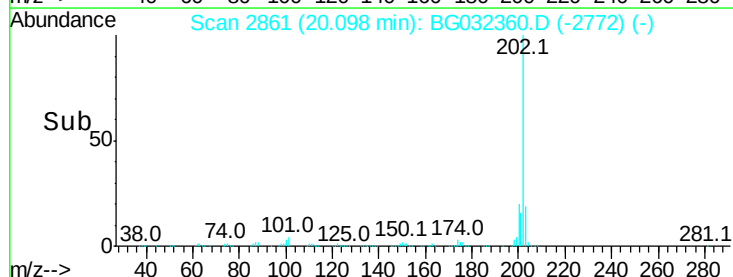
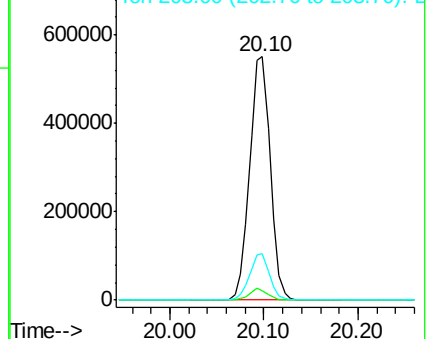
202 100

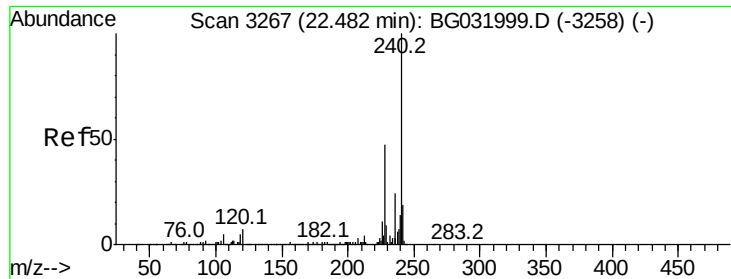
101 4.1 0.0 28.9

203 19.2 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

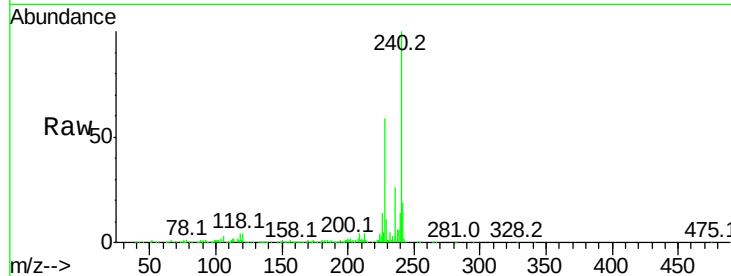
Tot Ion:240 Resp: 347428

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

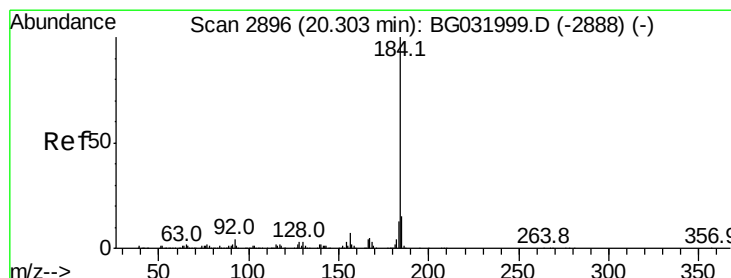
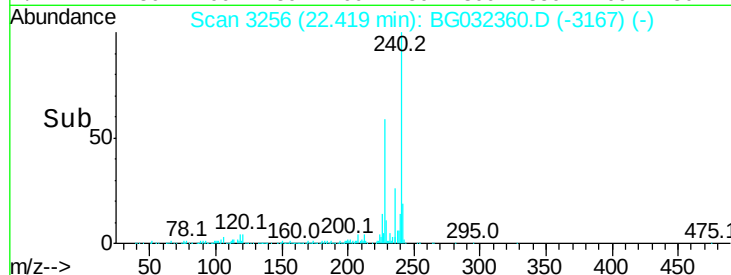
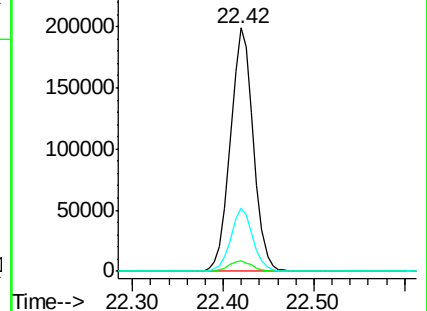
236 25.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.036 ng

RT: 20.26 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

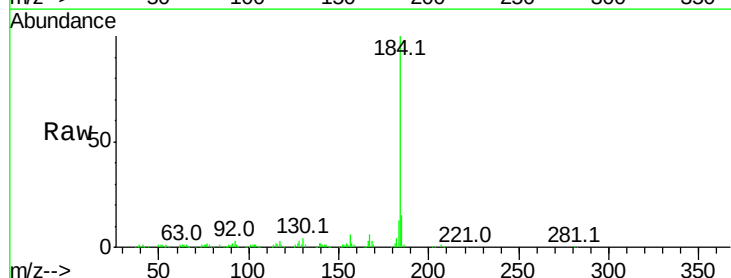
Tgt Ion:184 Resp: 208822

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

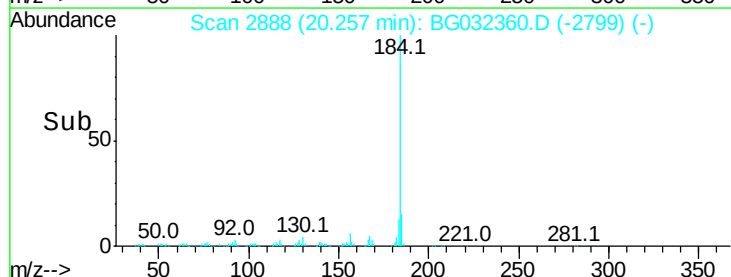
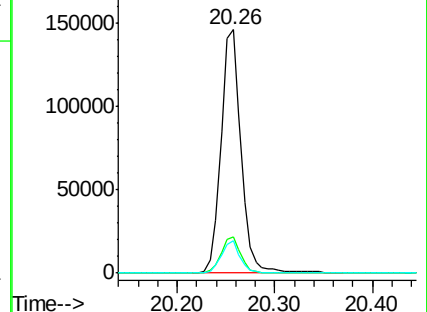
183 13.1 10.6 16.0

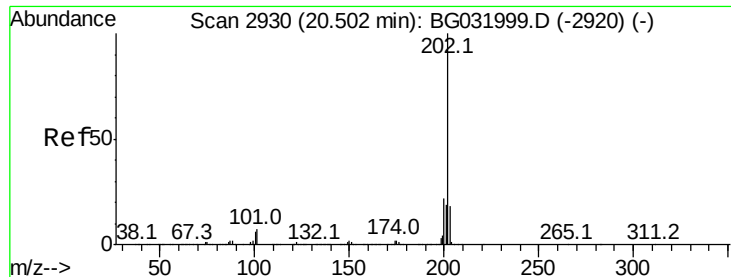


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

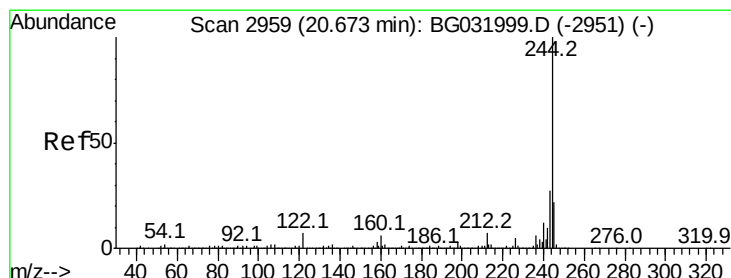
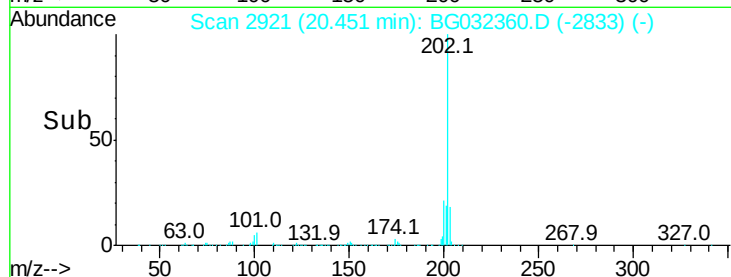
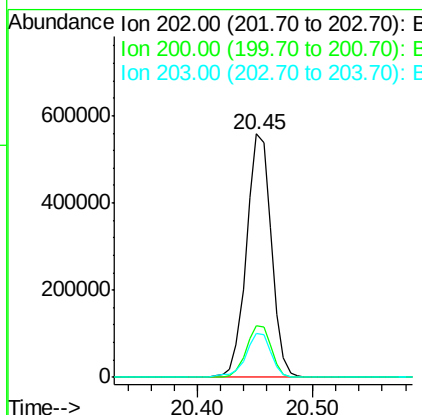
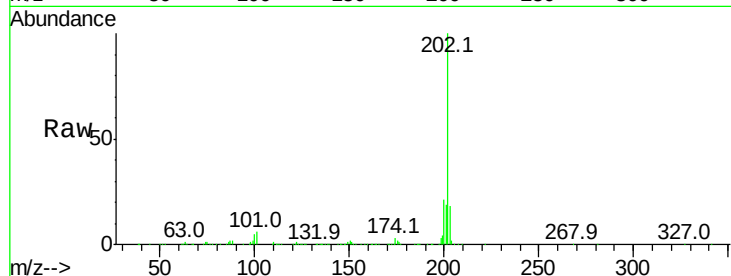




#77
Pvrene
Concen: 38.179 ng
RT: 20.45 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

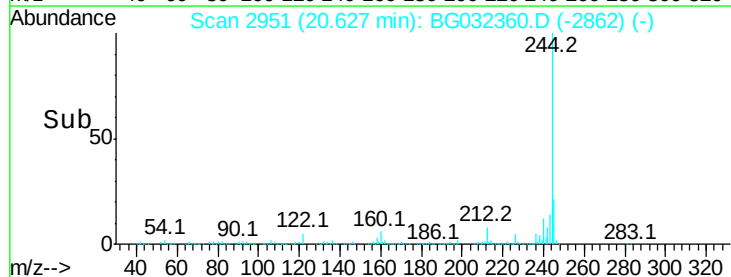
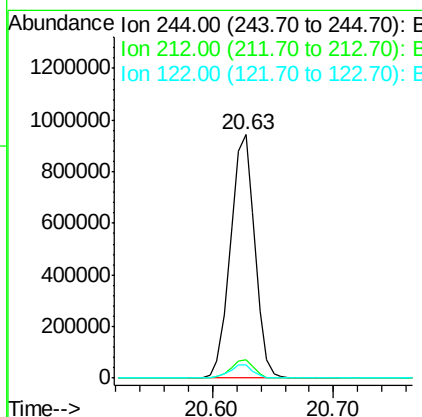
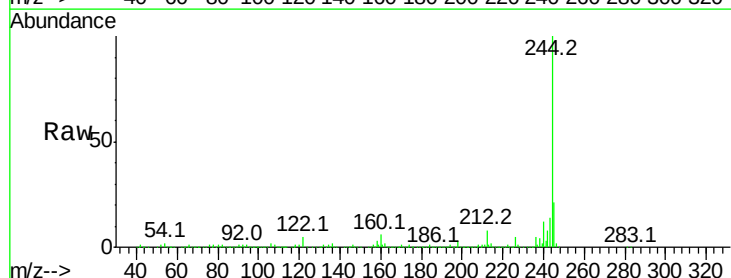
Instrument :
BNA_G
ClientSampleId :
PB106052BS

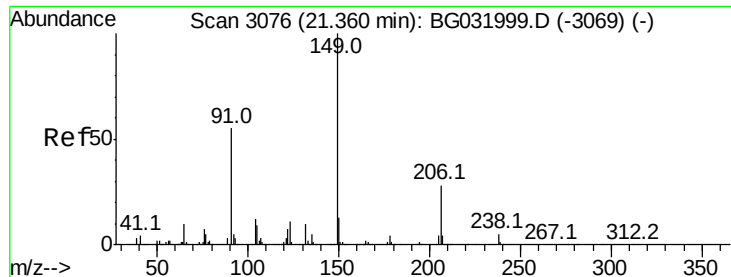
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.2	13.9	20.9



#78
Terphenyl-d14
Concen: 83.692 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.2	7.0	10.4#

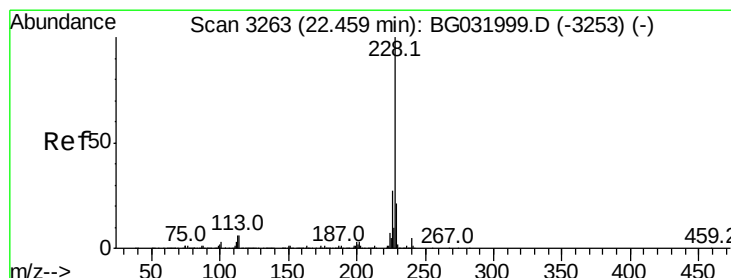
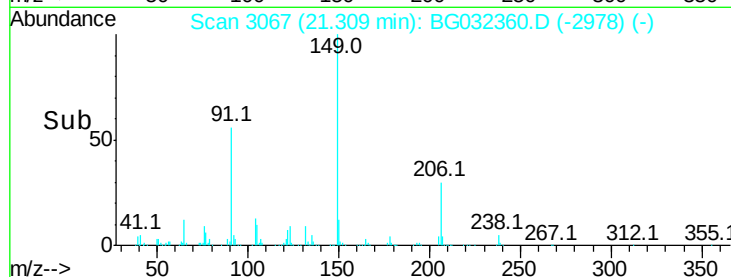
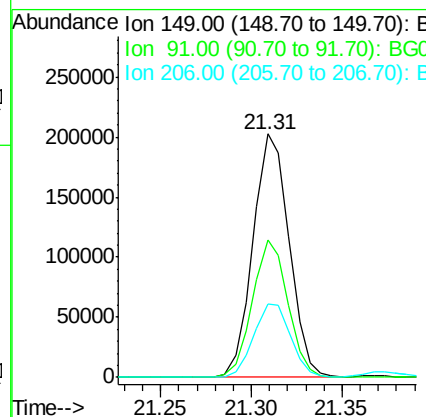
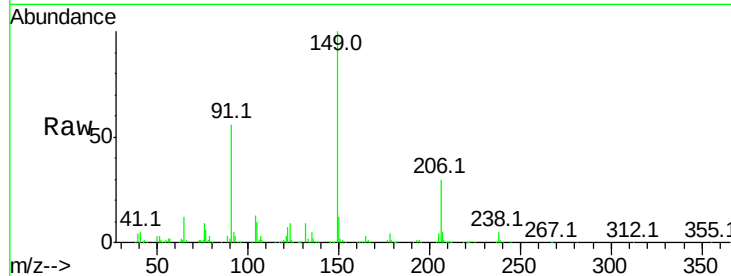




#79
Butylbenzylphthalate
Concen: 35.873 ng
RT: 21.31 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

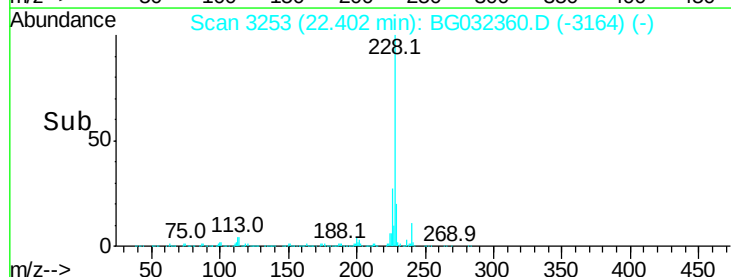
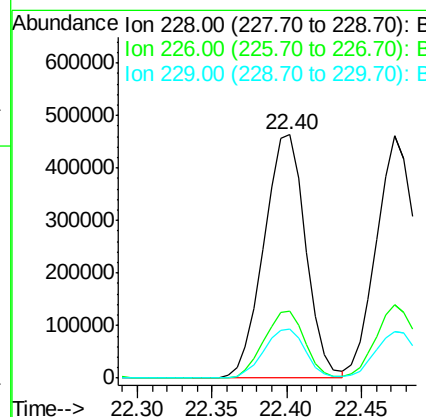
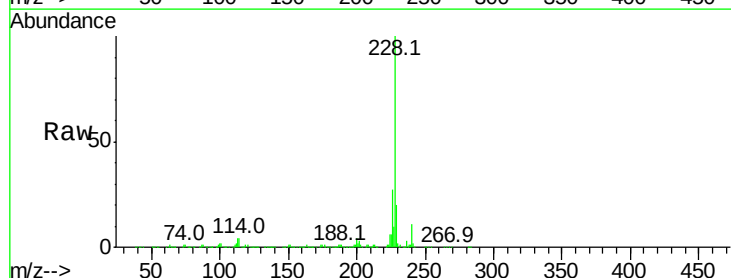
Instrument :
BNA_G
ClientSampleId :
PB106052BS

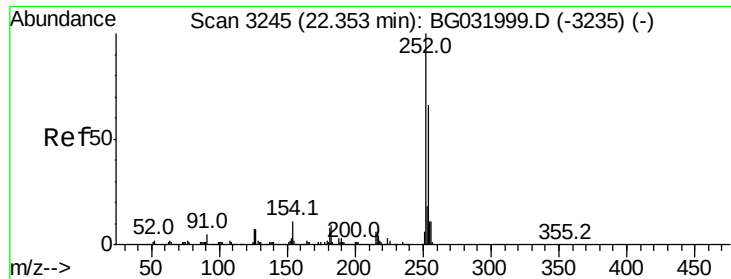
Tot Ion:149 Resp: 280716
Ion Ratio Lower Upper
149 100
91 56.4 62.2 93.2#
206 29.9 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 41.700 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032360.D
Acq: 27 Jan 2018 17:24

Tgt Ion:228 Resp: 901004
Ion Ratio Lower Upper
228 100
226 27.5 22.7 34.1
229 20.0 16.2 24.2

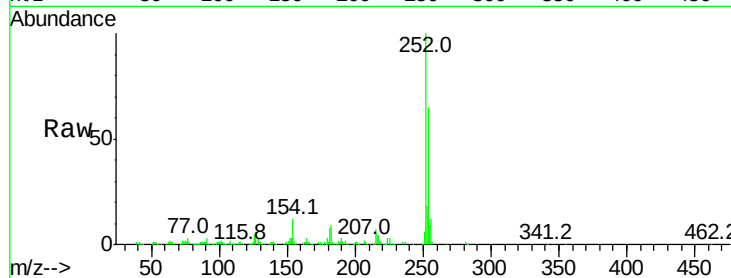




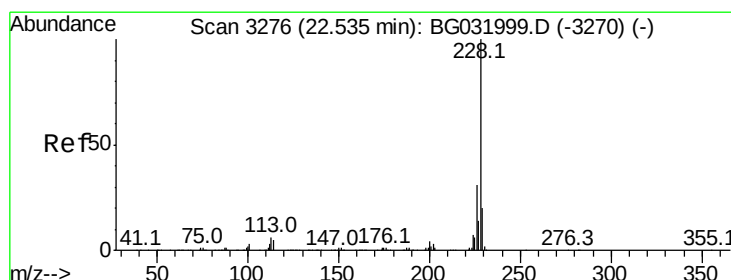
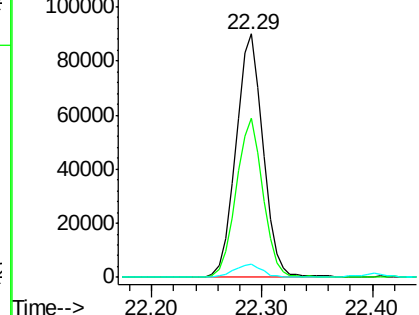
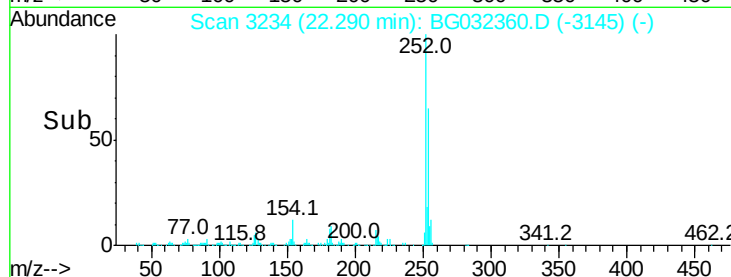
#81
 3,3'-Dichlorobenzidine
 Concen: 19.239 ng
 RT: 22.29 min Scan# 3234
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB106052BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.8	76.2
126	5.5	7.4	11.2#

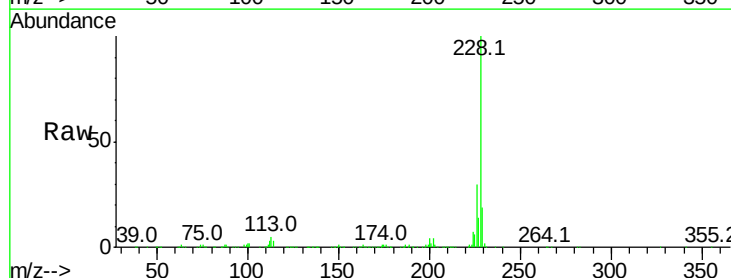


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

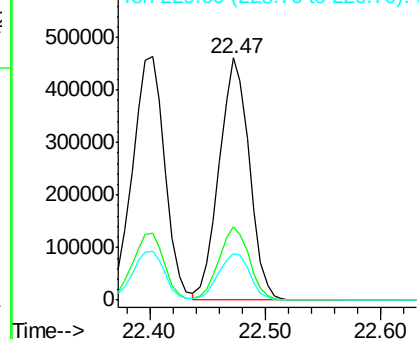
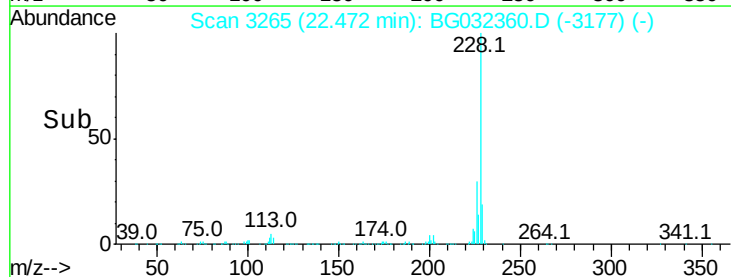


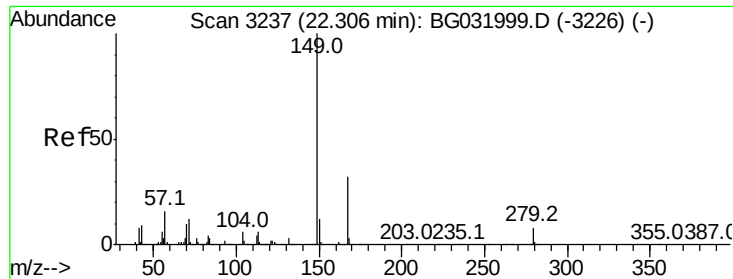
#82
 Chrysene
 Concen: 40.071 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.2	15.0	22.4



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

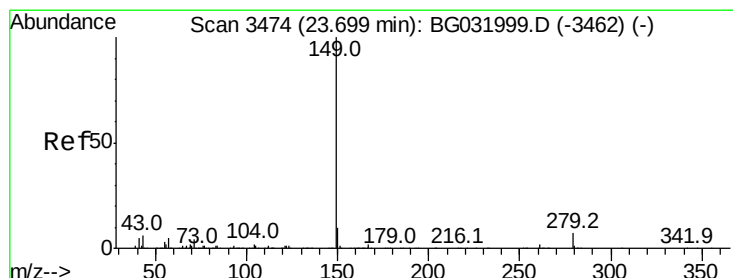
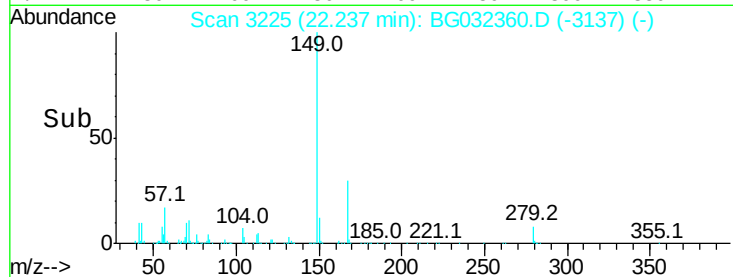
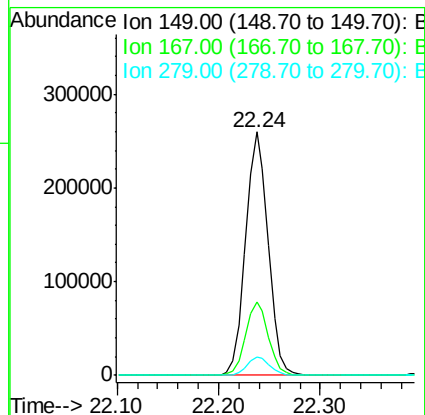
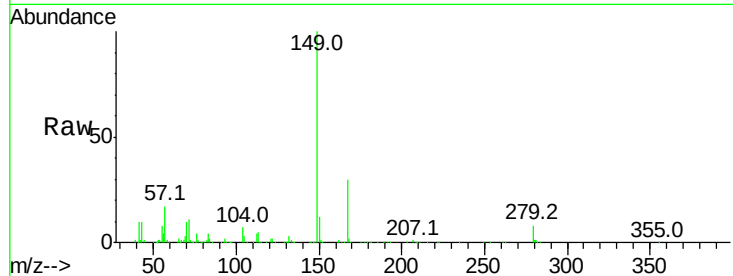




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.700 ng
 RT: 22.24 min Scan# 3225
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

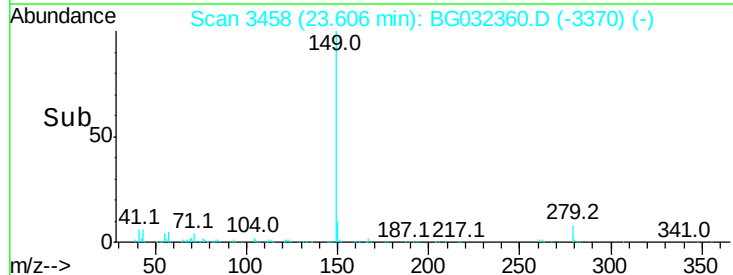
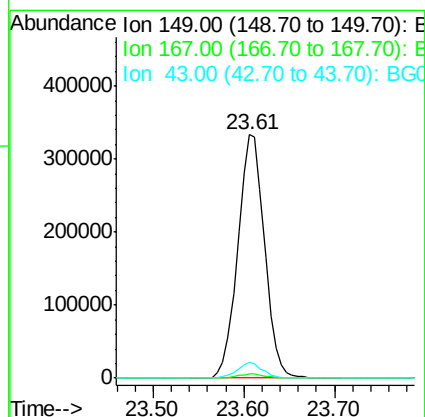
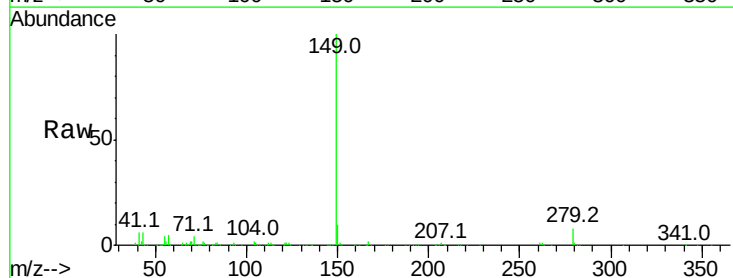
Instrument :
 BNA_G
 ClientSampleId :
 PB106052BS

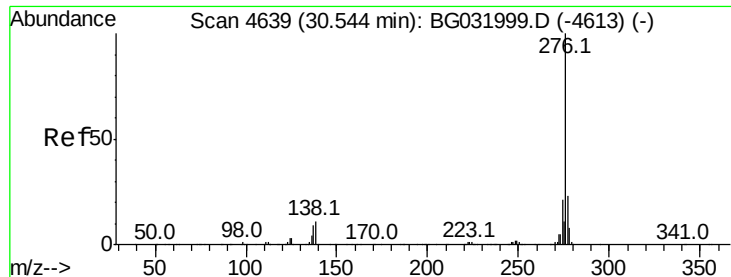
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.3	36.5
279	7.7	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 37.362 ng
 RT: 23.61 min Scan# 3458
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	6.2	8.9	13.3

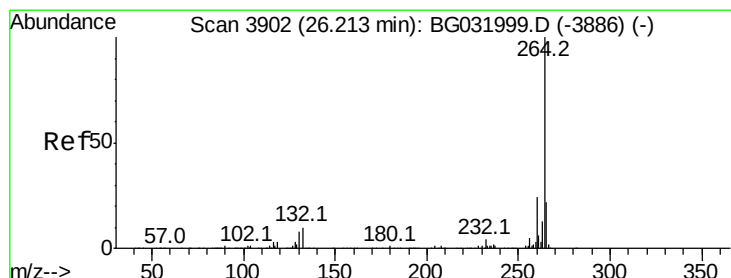
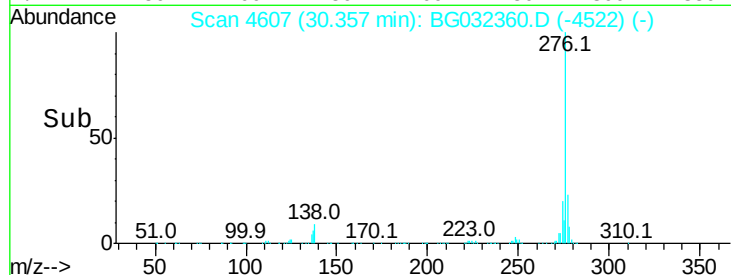
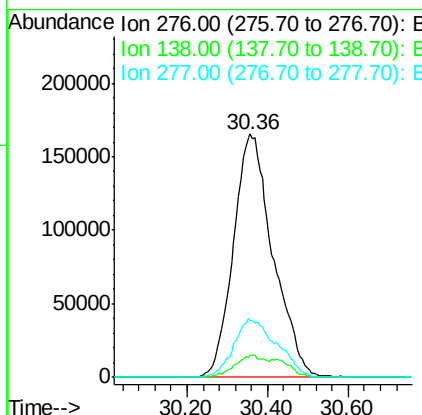
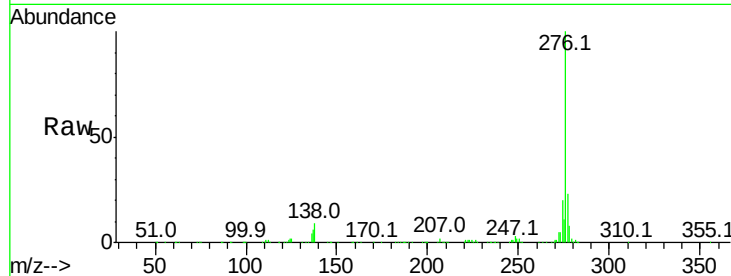




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.495 ng
 RT: 30.36 min Scan# 4607
 Delta R.T. -0.03 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

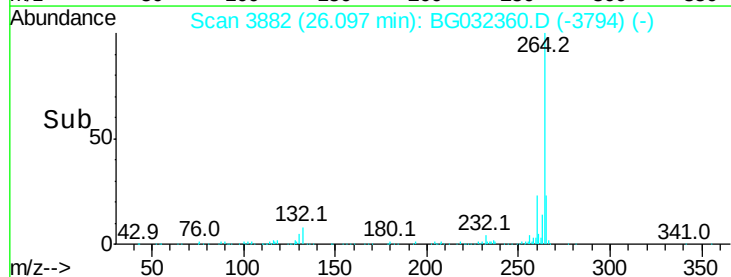
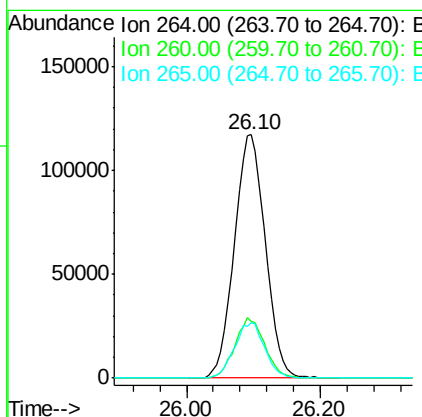
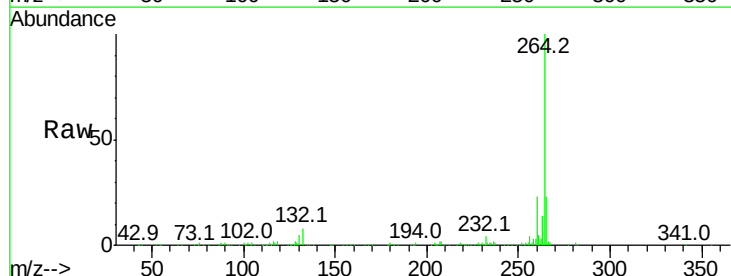
Instrument :
 BNA_G
 ClientSampleId :
 PB106052BS

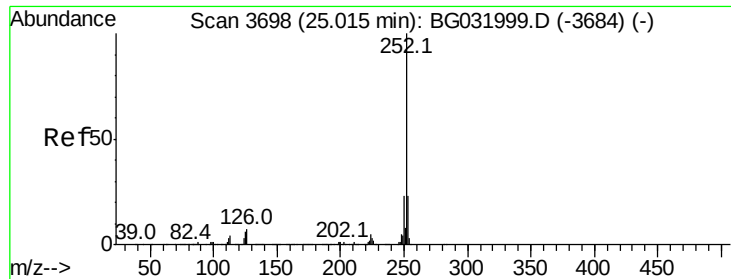
Tot Ion:276 Resp: 1129921
 Ion Ratio Lower Upper
 276 100
 138 7.1 16.0 24.0#
 277 26.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3882
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Tgt Ion:264 Resp: 375750
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 22.5 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 41.877 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

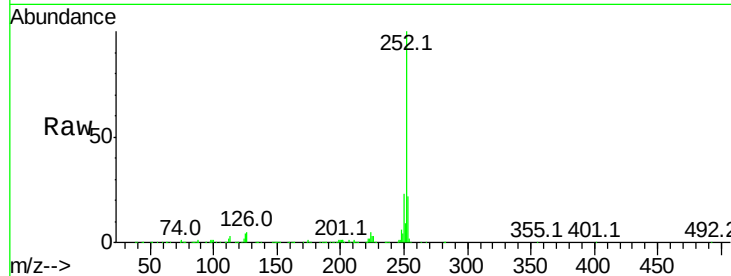
Tot Ion:252 Resp: 951115

Ion Ratio Lower Upper

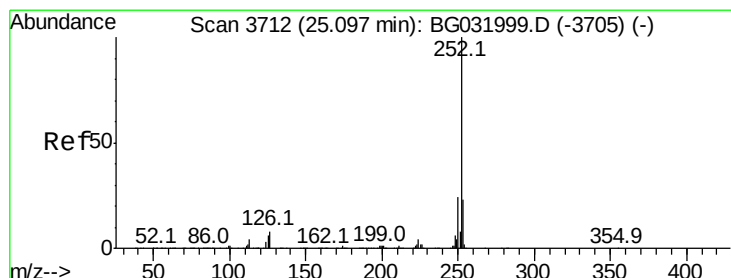
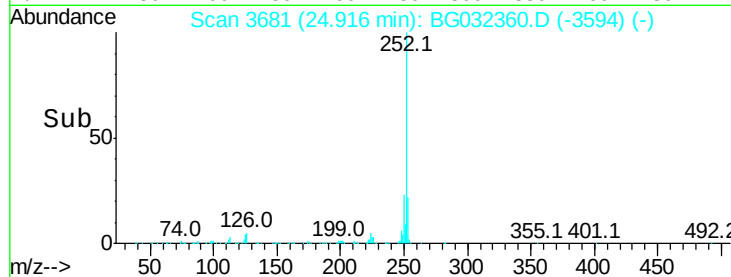
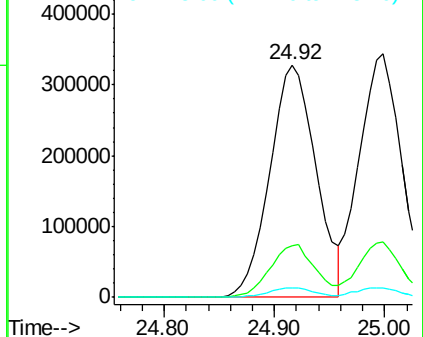
252 100

253 22.1 18.2 27.4

125 4.2 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 41.345 ng

RT: 25.00 min Scan# 3695

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

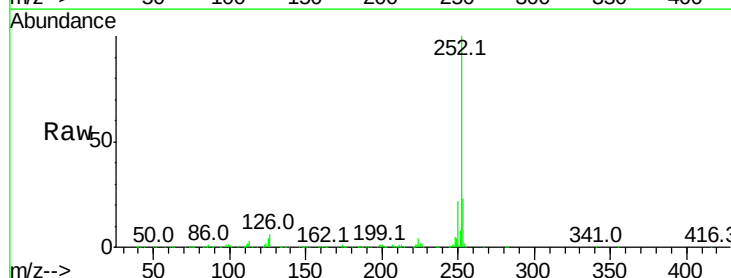
Tgt Ion:252 Resp: 917591

Ion Ratio Lower Upper

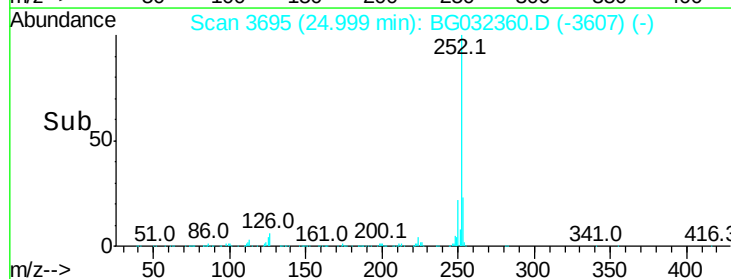
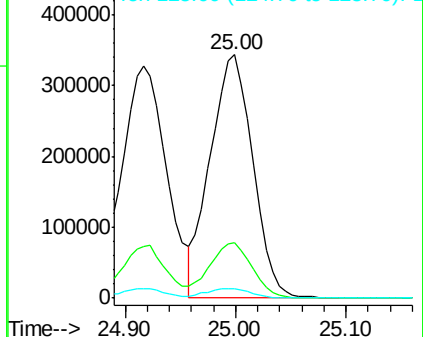
252 100

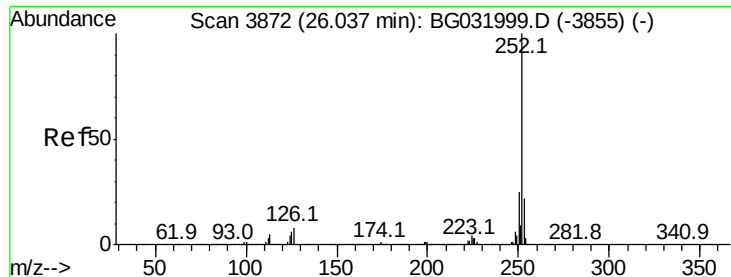
253 22.6 17.4 26.2

125 3.9 6.6 9.8#



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





#89

Benzo(a)pyrene

Concen: 43.120 ng

RT: 25.93 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB106052BS

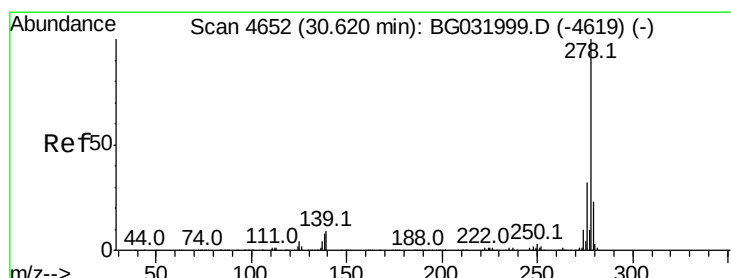
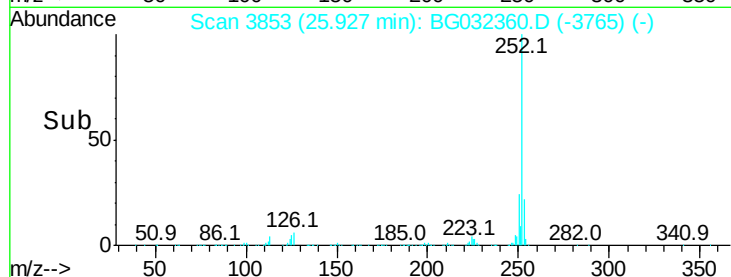
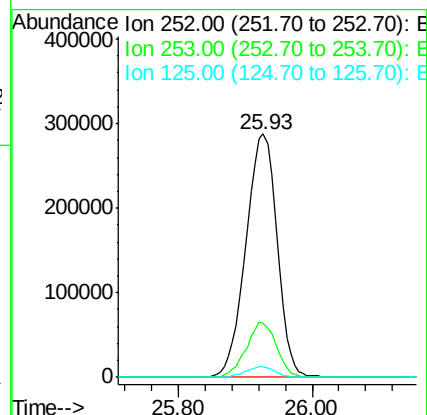
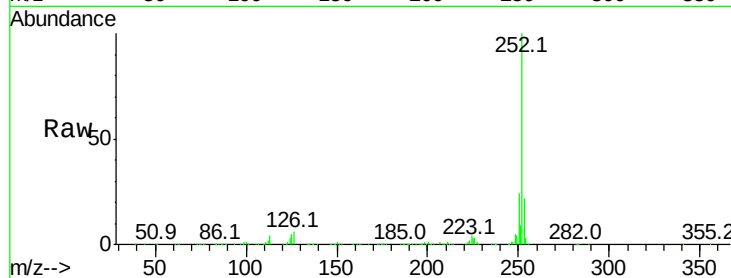
Tot Ion:252 Resp: 926419

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

125 4.6 7.3 10.9#



#90

Dibenzo(a,h)anthracene

Concen: 45.216 ng

RT: 30.43 min Scan# 4620

Delta R.T. -0.02 min

Lab File: BG032360.D

Acq: 27 Jan 2018 17:24

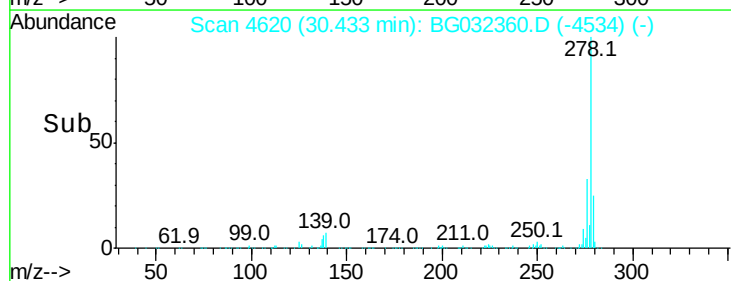
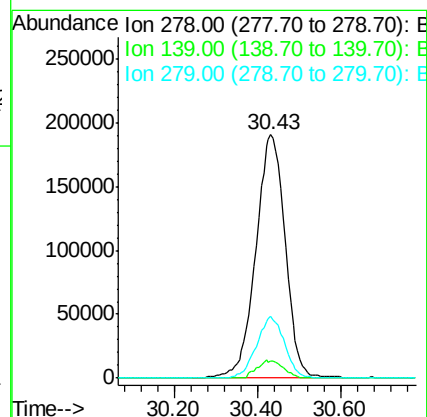
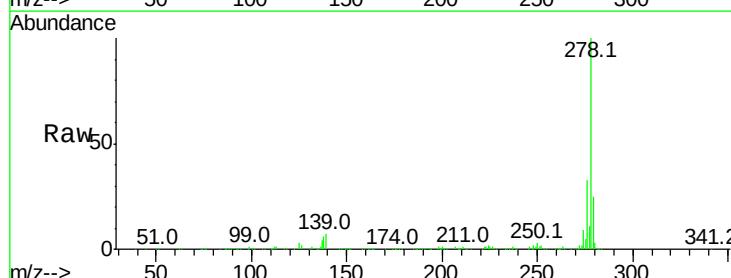
Tgt Ion:278 Resp: 936145

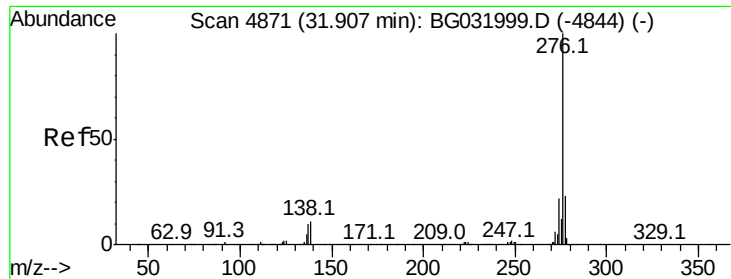
Ion Ratio Lower Upper

278 100

139 6.9 9.8 14.6#

279 25.5 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.053 ng
 RT: 31.71 min Scan# 4837
 Delta R.T. -0.01 min
 Lab File: BG032360.D
 Acq: 27 Jan 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB106052BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	8.4	13.9	20.9

