

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021218\
 Data File : BG032652.D
 Acq On : 12 Feb 2018 16:29
 Operator : SJ/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 12 17:11:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 16:45:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	32218	20.00	ng	0.00
21) Naphthalene-d8	11.55	136	140334	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	99784	20.00	ng	0.00
63) Phenanthrene-d10	18.05	188	248386	20.00	ng	0.00
75) Chrysene-d12	22.37	240	300589	20.00	ng	0.00
86) Perylene-d12	26.02	264	320394	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.11	112	282855	96.55	ng	0.00
7) Phenol-d6	7.80	99	372807	91.79	ng	0.00
23) Nitrobenzene-d5	9.88	82	376595	86.23	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	259537	85.25	ng	0.00
44) 2-Fluorobiphenyl	13.94	172	1239721	77.31	ng	0.00
78) Terphenyl-d14	20.59	244	1945126	72.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.78	88	52337	77.574	ng	# 78
3) Pyridine	4.24	79	151542	95.541	ng	# 87
4) n-Nitrosodimethylamine	4.15	42	71392	104.082	ng	# 76
6) Aniline	7.97	93	228272	89.443	ng	94
8) 2-Chlorophenol	8.22	128	160970	88.497	ng	87
9) Benzaldehyde	7.78	77	87195	65.708	ng	87
10) Phenol	7.82	94	181643	91.062	ng	87
11) bis(2-Chloroethyl)ether	8.06	93	150243	100.419	ng	84
12) 1,3-Dichlorobenzene	8.56	146	212243	81.752	ng	98
13) 1,4-Dichlorobenzene	8.71	146	213498	83.496	ng	95
14) 1,2-Dichlorobenzene	9.04	146	209867	81.019	ng	99
15) Benzyl Alcohol	8.91	79	148414	100.796	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.20	45	151493	82.600	ng	78
17) 2-Methylphenol	9.11	107	129426	92.442	ng	# 93
18) Hexachloroethane	9.79	117	76797	82.043	ng	# 82
19) n-Nitroso-di-n-propylamine	9.49	70	126703	86.889	ng	# 93
20) 3+4-Methylphenols	9.45	107	190180	90.088	ng	92
22) Acetophenone	9.52	105	258111	87.665	ng	# 94
24) Nitrobenzene	9.92	77	190729	82.930	ng	94
25) Isophorone	10.44	82	338106	80.365	ng	# 86
26) 2-Nitrophenol	10.64	139	100310	85.765	ng	# 83
27) 2,4-Dimethylphenol	10.68	122	143009	89.528	ng	96
28) bis(2-Chloroethoxy)methane	10.92	93	174599	87.593	ng	94
29) 2,4-Dichlorophenol	11.18	162	201188	92.537	ng	92
30) 1,2,4-Trichlorobenzene	11.41	180	272230	81.952	ng	99
31) Naphthalene	11.60	128	543313	79.689	ng	99
32) Benzoic acid	10.85	122	93519	78.977	ng	88
33) 4-Chloroaniline	11.71	127	228795	90.812	ng	96
34) Hexachlorobutadiene	11.86	225	211425	76.973	ng	94
35) Caprolactam	12.49	113	56362	100.005	ng	# 56
36) 4-Chloro-3-methylphenol	12.79	107	188339	89.565	ng	87
37) 2-Methylnaphthalene	13.17	142	443956	80.376	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.53	216	376705	79.918	ng	# 96
40) Hexachlorocyclopentadiene	13.50	237	248242	83.911	ng	89

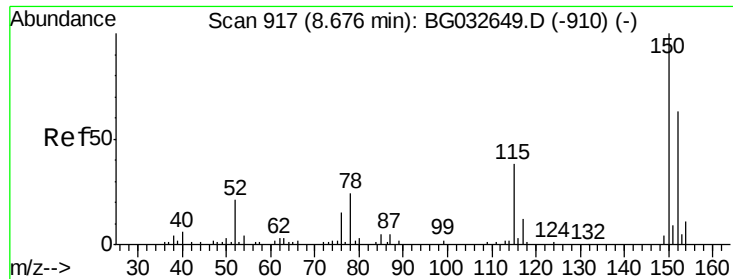
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.76	196	202394	87.139	nq	98
43) 2,4,5-Trichlorophenol	13.83	196	239938	87.327	nq #	92
45) 1,1'-Biphenyl	14.15	154	669738	81.840	nq	95
46) 2-Chloronaphthalene	14.20	162	522088	80.419	nq	98
47) 2-Nitroaniline	14.40	65	125432	90.404	nq #	81
48) Acenaphthylene	15.04	152	775859	81.369	nq	99
49) Dimethylphthalate	14.75	163	687322	79.634	nq #	98
50) 2,6-Dinitrotoluene	14.88	165	148819	84.442	nq #	81
51) Acenaphthene	15.38	154	543327	83.800	nq	96
52) 3-Nitroaniline	15.21	138	130706	89.469	nq #	79
53) 2,4-Dinitrophenol	15.41	184	77598	122.012	nq #	69
54) Dibenzofuran	15.71	168	771674	79.367	nq	98
55) 4-Nitrophenol	15.50	139	92673	93.526	nq #	76
56) 2,4-Dinitrotoluene	15.66	165	211038	87.355	nq #	73
57) Fluorene	16.35	166	632139	79.007	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.92	232	230014	83.926	nq #	84
59) Diethylphthalate	16.09	149	668094	79.540	nq	95
60) 4-Chlorophenyl-phenylether	16.33	204	416561	78.829	nq	94
61) 4-Nitroaniline	16.38	138	132705	89.467	nq #	77
62) Azobenzene	16.62	77	437731	81.381	nq	85
64) 4,6-Dinitro-2-methylphenol	16.42	198	151079	92.971	nq #	72
65) n-Nitrosodiphenylamine	16.55	169	582350	79.932	nq	97
66) 4-Bromophenyl-phenylether	17.22	248	289932	81.828	nq	96
67) Hexachlorobenzene	17.35	284	300976	78.640	nq #	92
68) Atrazine	17.47	200	248325	79.390	nq	96
69) Pentachlorophenol	17.69	266	208231	91.159	nq	98
70) Phenanthrene	18.09	178	1040955	77.695	nq	99
71) Anthracene	18.18	178	1065330	77.714	nq	99
72) Carbazole	18.44	167	929602	79.837	nq	99
73) Di-n-butylphthalate	18.95	149	1057298	80.784	nq	99
74) Fluoranthene	20.06	202	1371204	76.497	nq	94
76) Benzidine	20.22	184	562889	79.447	nq #	94
77) Pyrene	20.42	202	1396003	77.750	nq	97
79) Butylbenzylphthalate	21.27	149	491283	83.991	nq #	80
80) Benzo(a)anthracene	22.35	228	1473684	78.027	nq	98
81) 3,3'-Dichlorobenzidine	22.25	252	563909	80.269	nq #	94
82) Chrysene	22.43	228	1429593	76.562	nq	97
83) Bis(2-ethylhexyl)phthalate	22.19	149	702289	83.133	nq #	98
84) Di-n-octyl phthalate	23.55	149	1128445	85.498	nq #	90
85) Indeno(1,2,3-cd)pyrene	30.26	276	1831742	83.903	nq #	83
87) Benzo(b)fluoranthene	24.85	252	1568748	82.531	nq #	96
88) Benzo(k)fluoranthene	24.93	252	1542354	77.736	nq #	96
89) Benzo(a)pyrene	25.85	252	1512539	81.536	nq #	96
90) Dibenzo(a,h)anthracene	30.34	278	1520879	82.493	nq #	93
91) Benzo(g,h,i)perylene	31.59	276	1485782	83.519	nq #	92

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

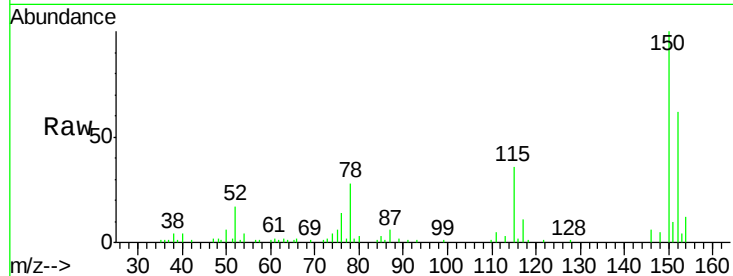


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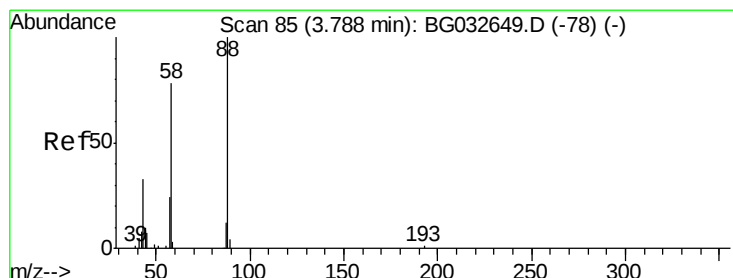
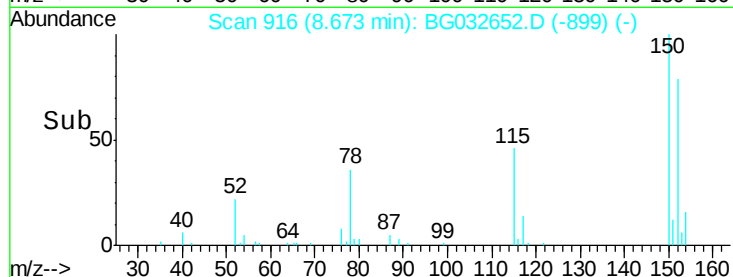
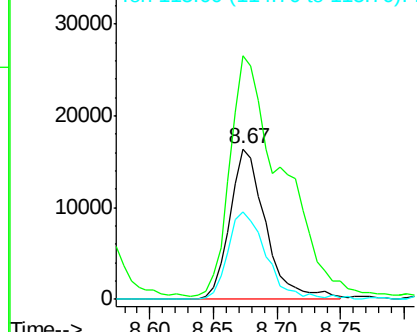
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32218
Ion Ratio Lower Upper
152 100
150 161.6 126.6 189.8
115 57.6 53.0 79.4



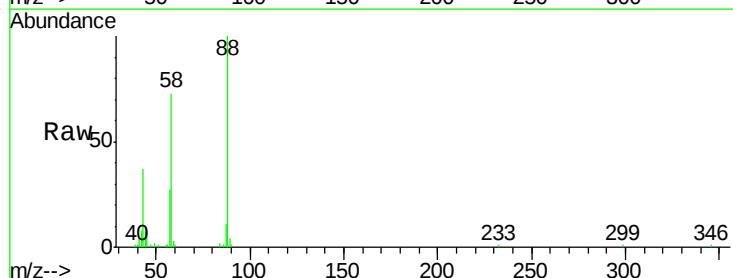
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



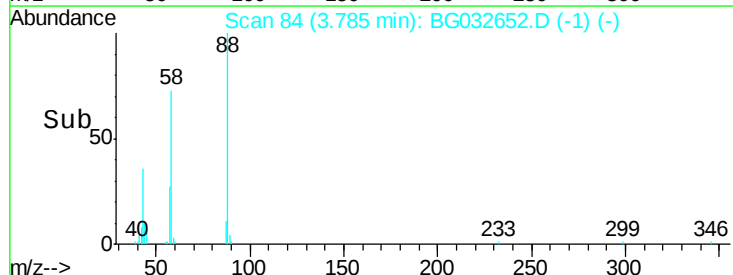
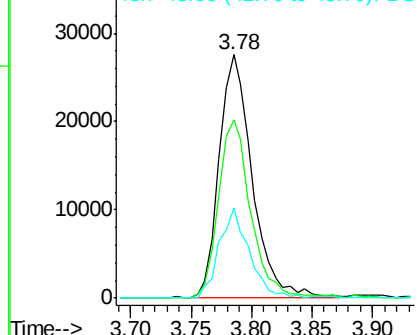
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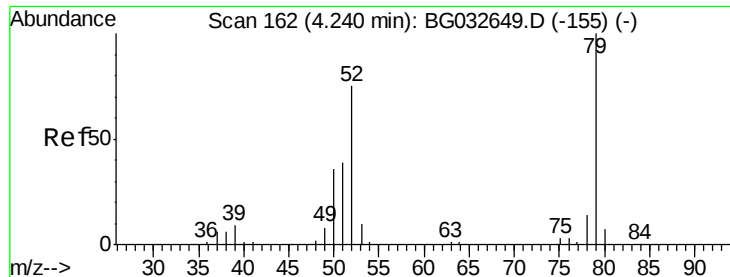
1,4-Dioxane
Concen: 77.574 ng
RT: 3.78 min Scan# 84
Delta R.T. -0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion: 88 Resp: 52337
Ion Ratio Lower Upper
88 100
58 70.9 79.6 119.4#
43 33.3 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: 95.541 ng

RT: 4.24 min Scan# 161

Delta R.T. -0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

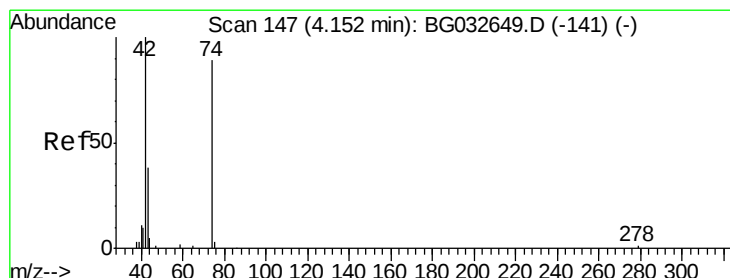
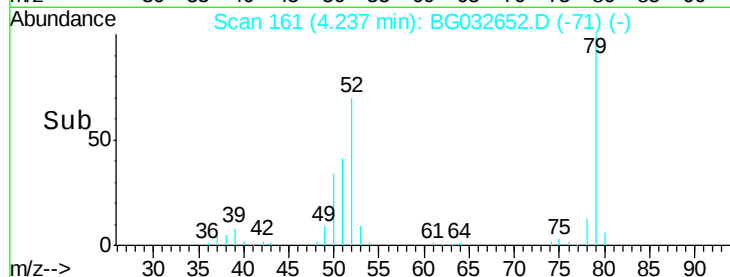
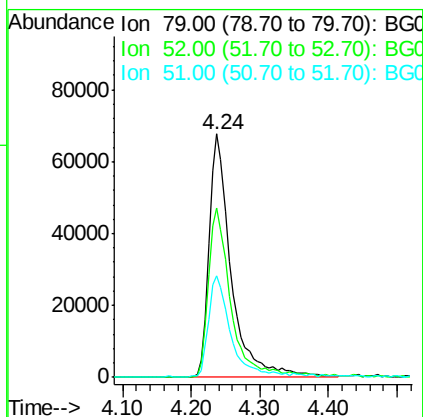
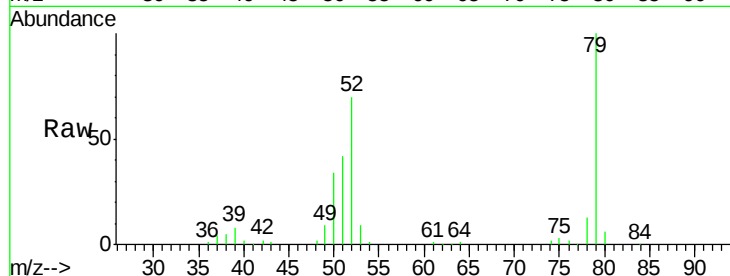
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 151542

Ion	Ratio	Lower	Upper
79	100		
52	69.5	69.9	104.9#
51	41.7	34.0	51.0



#4

n-Nitrosodimethylamine

Concen: 104.082 ng

RT: 4.15 min Scan# 146

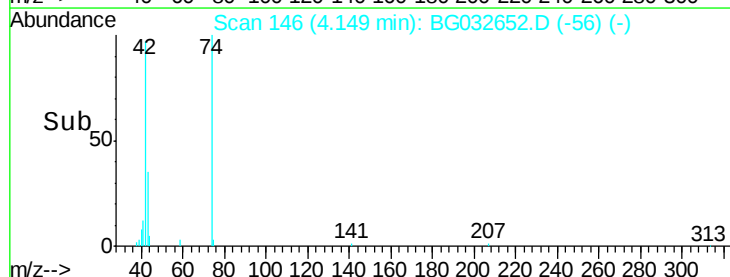
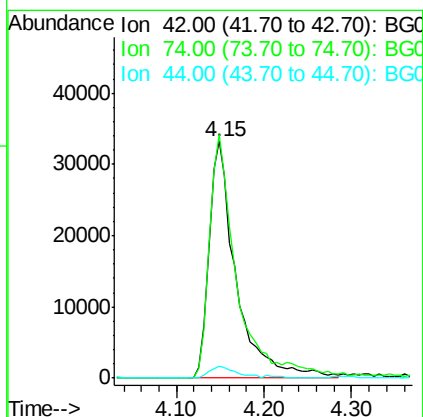
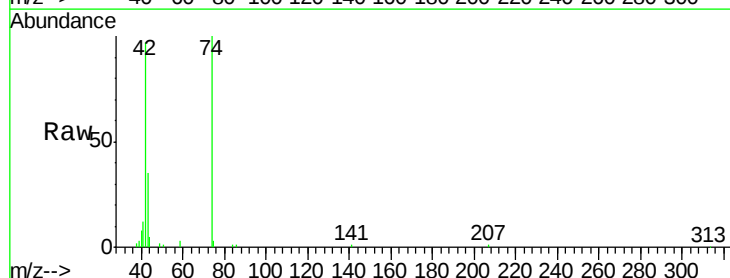
Delta R.T. -0.00 min

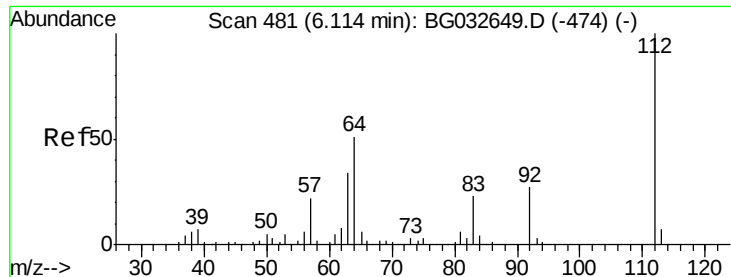
Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Tgt Ion: 42 Resp: 71392

Ion	Ratio	Lower	Upper
42	100		
74	102.8	102.5	153.7
44	5.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 96.547 ng

RT: 6.11 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG032652.D

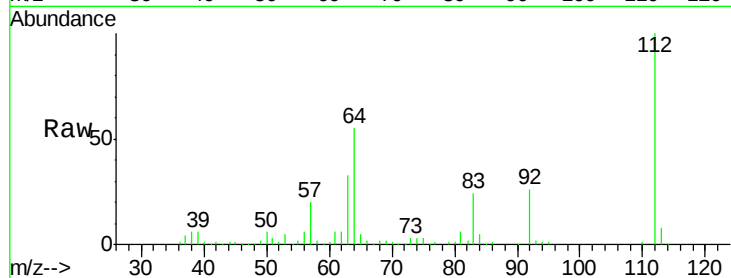
Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

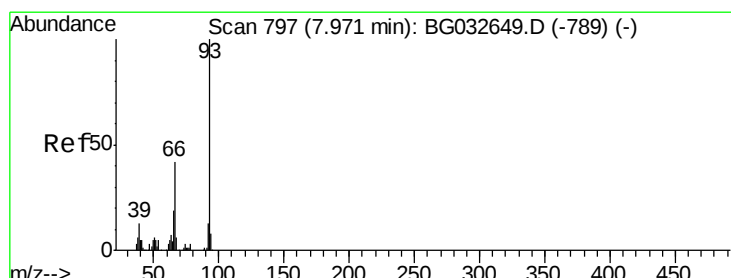
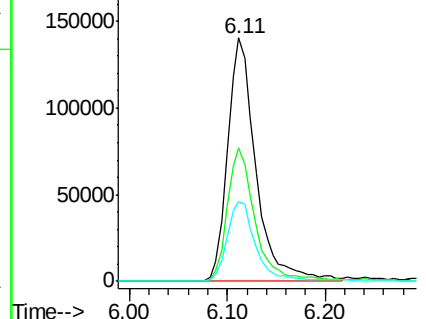
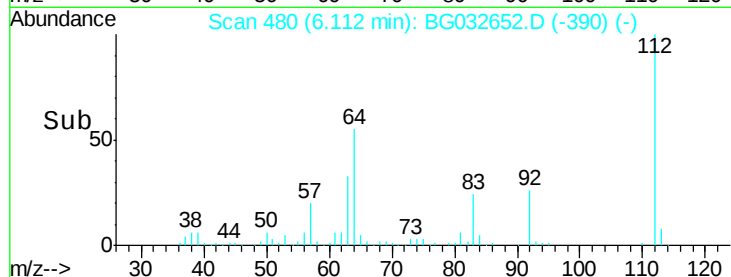
Tot Ion:	112	Resp:	282855
Ion Ratio	Lower	Upper	
112	100		
64	54.8	56.3	84.5#
63	33.0	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 89.443 ng

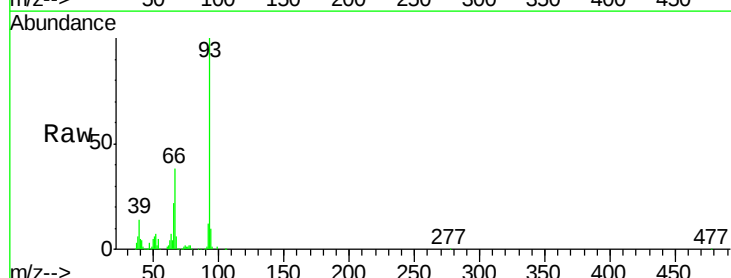
RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

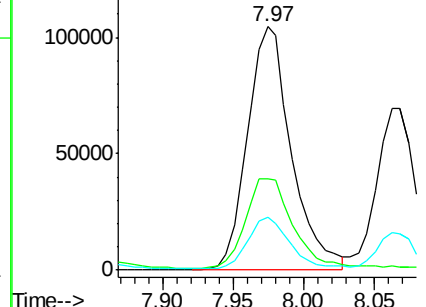
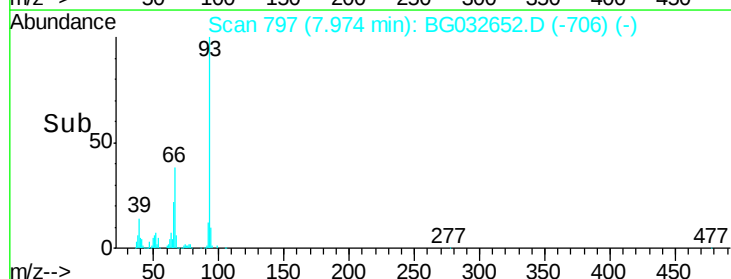
Tgt Ion:	93	Resp:	228272
Ion Ratio	Lower	Upper	
93	100		
66	37.7	33.7	50.5
65	21.6	16.1	24.1

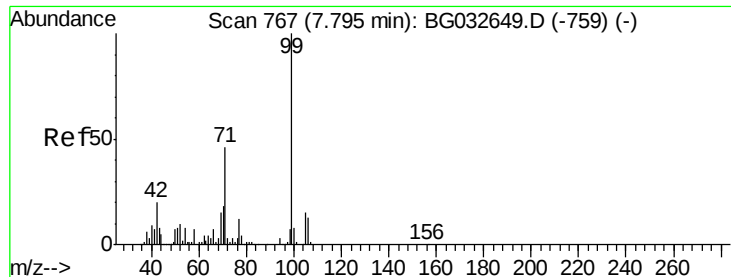


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 91.788 ng

RT: 7.80 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampled :

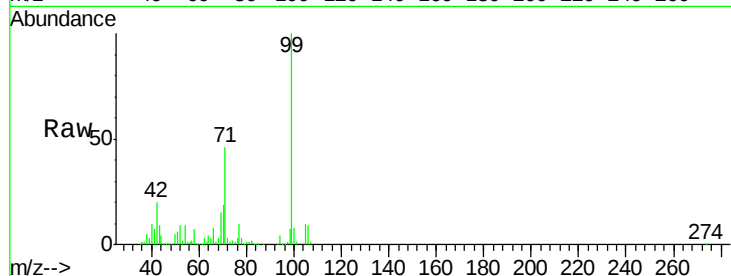
Tot Ion: 99 Resp: 372807

Ion Ratio Lower Upper

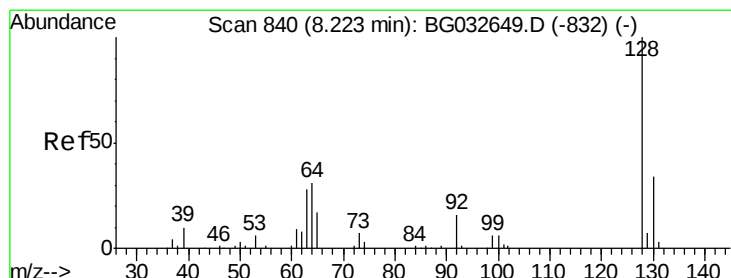
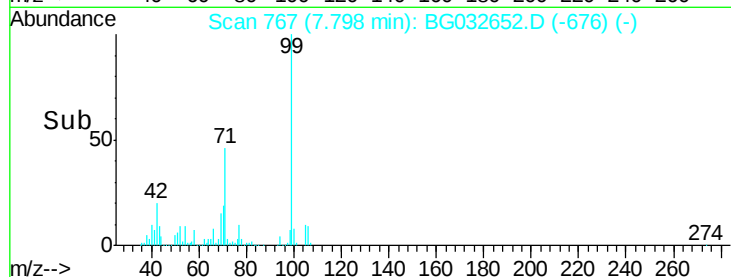
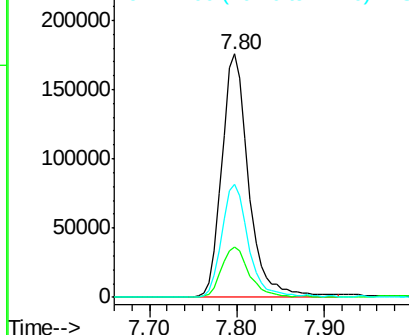
99 100

42 20.5 14.1 21.1

71 46.3 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: 88.497 ng

RT: 8.22 min Scan# 839

Delta R.T. -0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

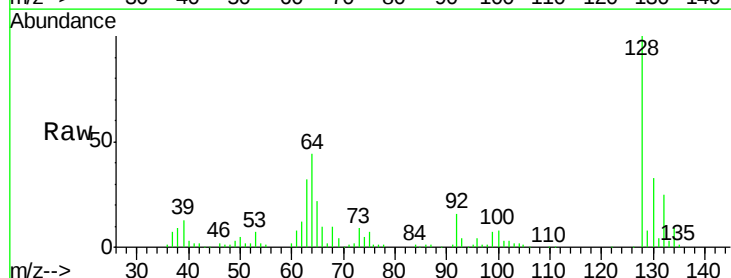
Tgt Ion: 128 Resp: 160970

Ion Ratio Lower Upper

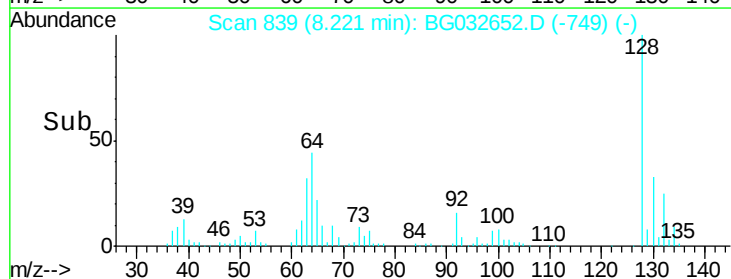
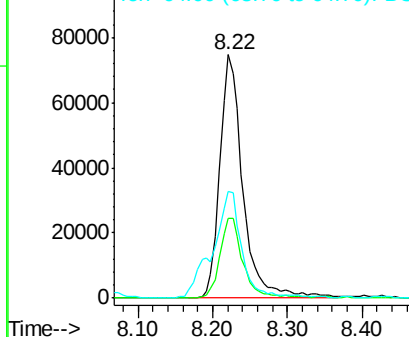
128 100

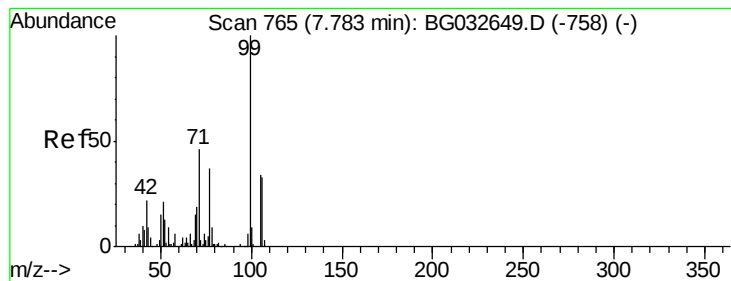
130 32.6 14.0 54.0

64 43.7 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: 65.708 ng

RT: 7.78 min Scan# 764

Delta R.T. -0.00 min

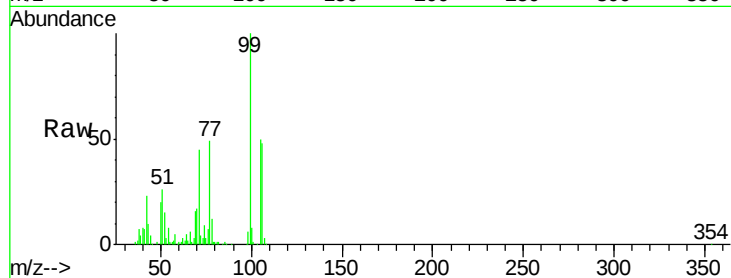
Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampled :



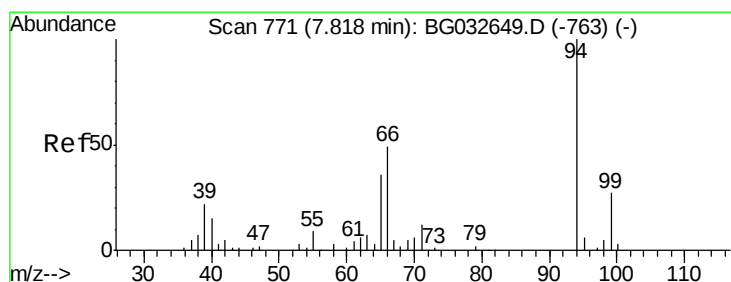
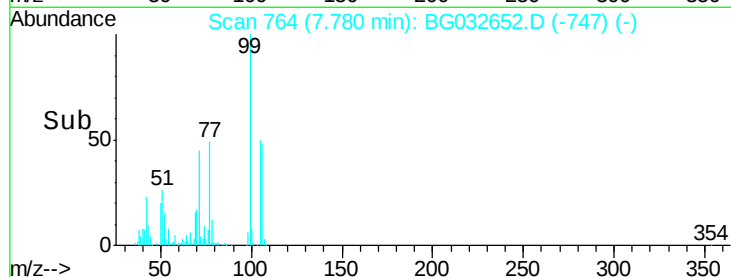
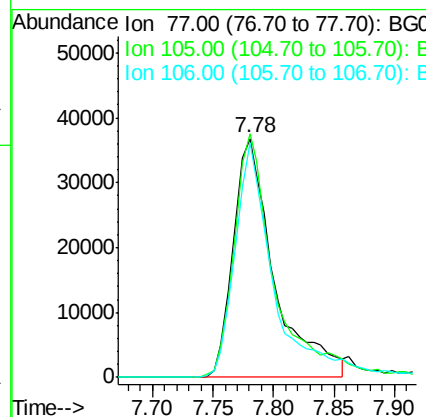
Tot Ion: 77 Resp: 87195

Ion Ratio Lower Upper

77 100

105 101.8 71.3 111.3

106 98.0 64.2 104.2



#10

Phenol

Concen: 91.062 ng

RT: 7.82 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

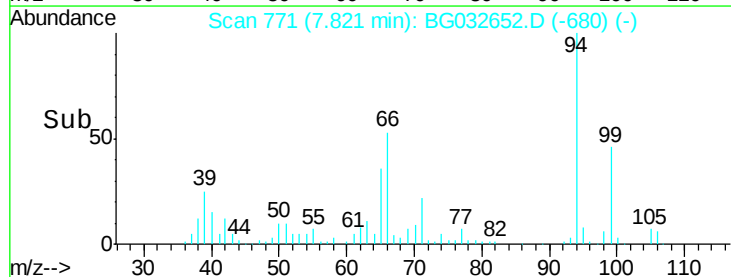
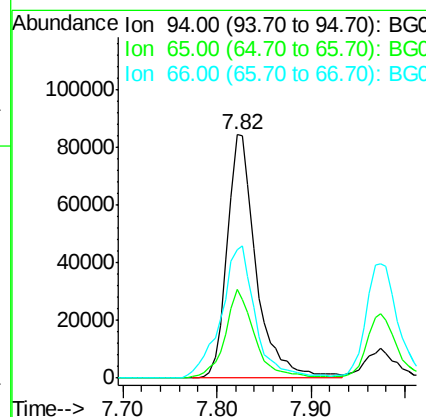
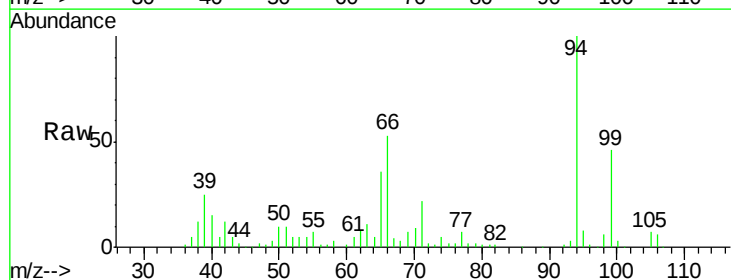
Tgt Ion: 94 Resp: 181643

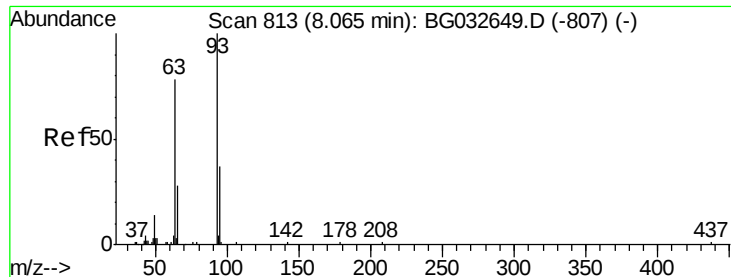
Ion Ratio Lower Upper

94 100

65 36.4 11.9 51.9

66 52.7 22.2 62.2

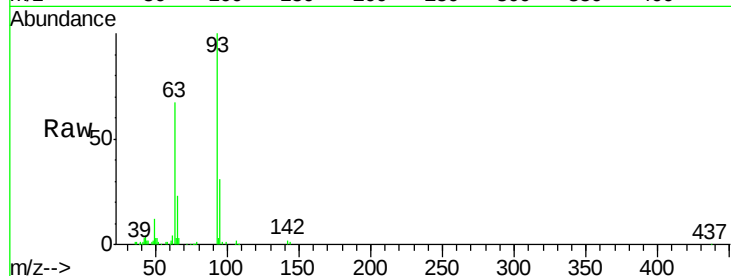




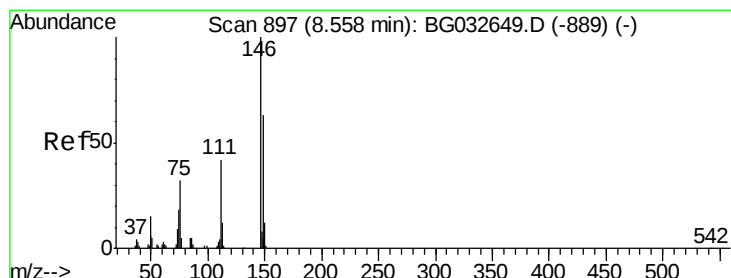
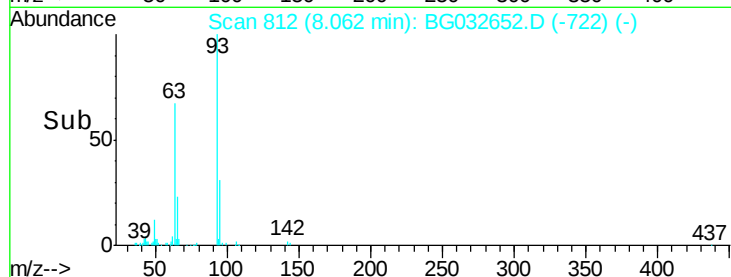
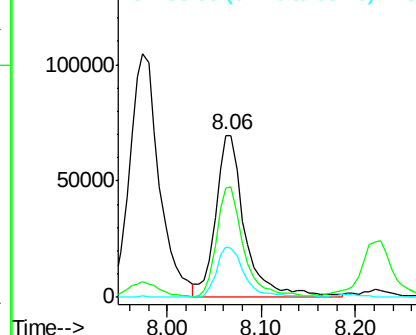
#11
bis(2-Chloroethyl)ether
Concen: 100.419 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 150243
Ion Ratio Lower Upper
93 100
63 67.4 67.1 107.1
95 31.1 11.5 51.5

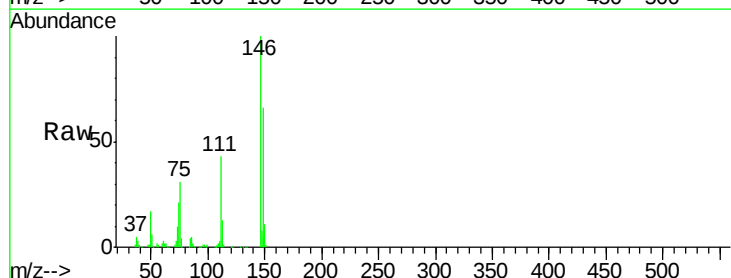


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

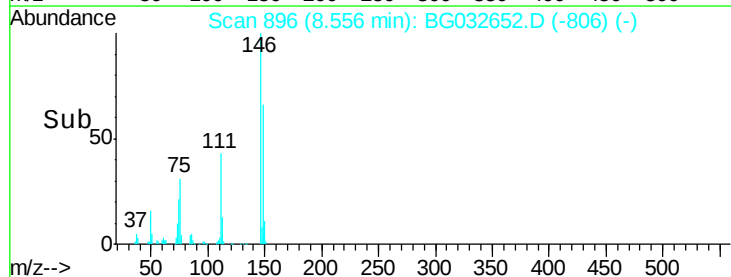
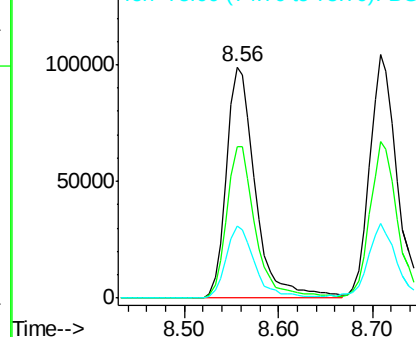


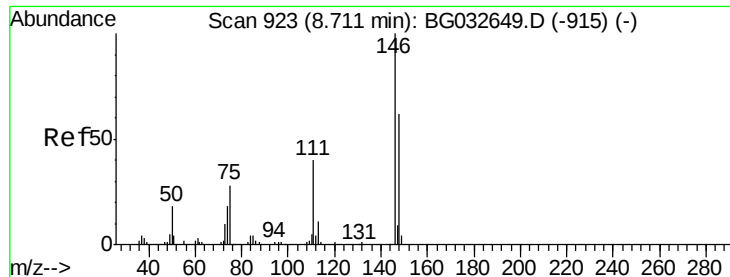
#12
1,3-Dichlorobenzene
Concen: 81.752 ng
RT: 8.56 min Scan# 896
Delta R.T. -0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion: 146 Resp: 212243
Ion Ratio Lower Upper
146 100
148 65.8 51.4 77.2
75 31.2 26.6 39.8



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





#13

1,4-Dichlorobenzene

Concen: 83.496 ng

RT: 8.71 min Scan# 922

Delta R.T. -0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampled :

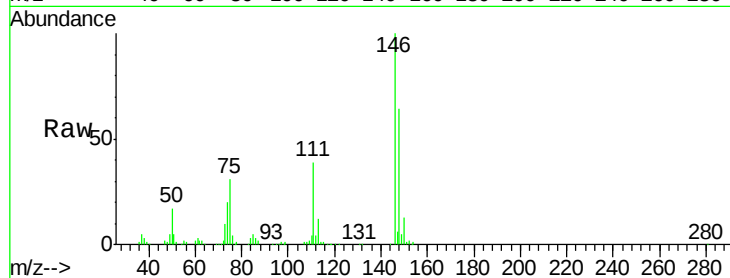
Tot Ion:146 Resp: 213498

Ion Ratio Lower Upper

146 100

148 64.5 53.7 80.5

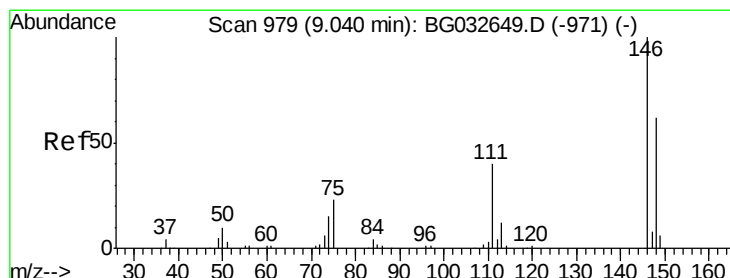
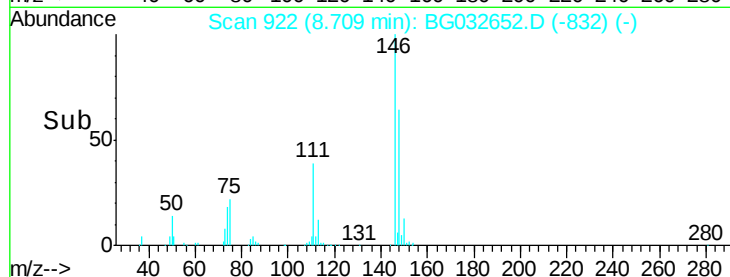
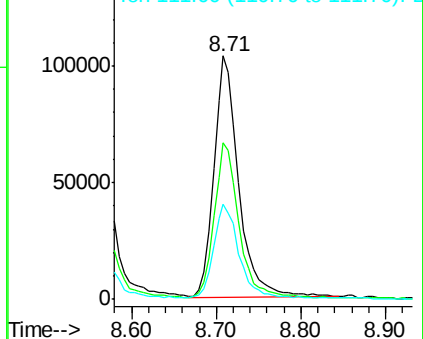
111 39.1 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 81.019 ng

RT: 9.04 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

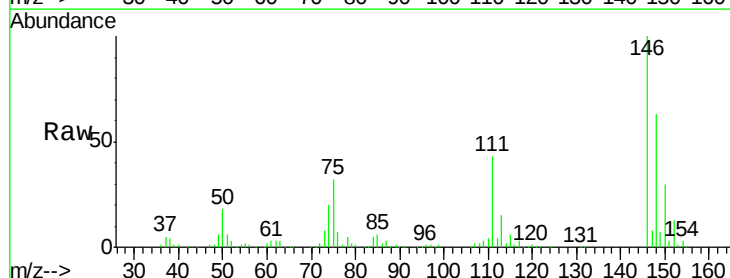
Tgt Ion:146 Resp: 209867

Ion Ratio Lower Upper

146 100

148 62.9 49.3 73.9

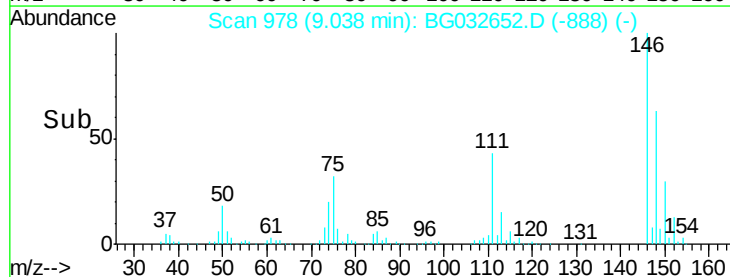
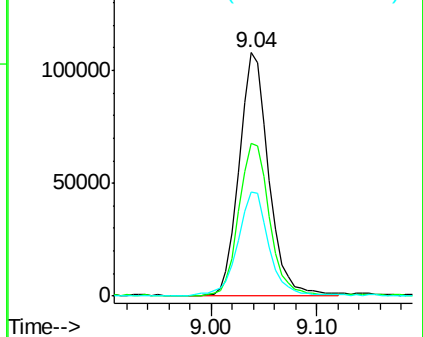
111 43.0 34.3 51.5

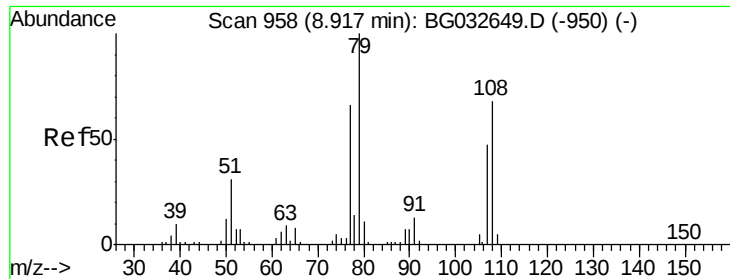


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 100.796 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampled :

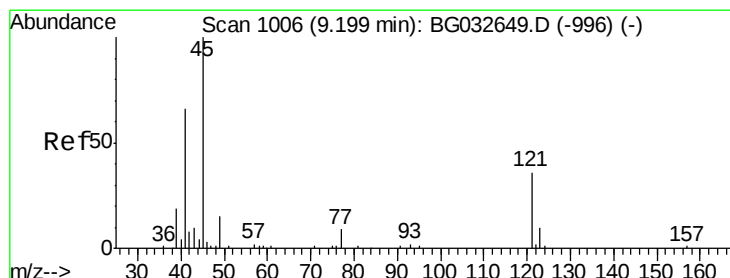
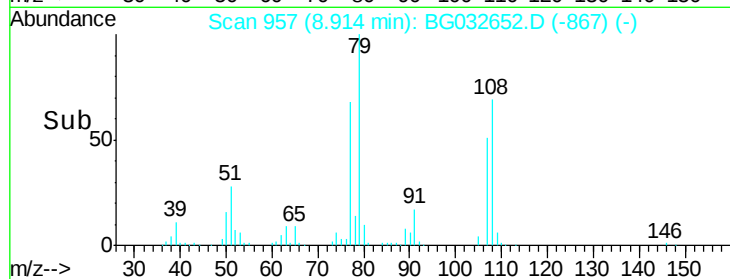
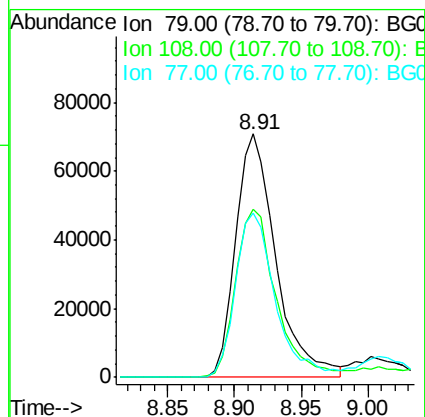
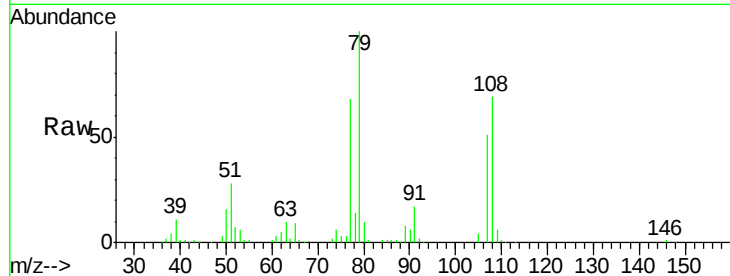
Tot Ion: 79 Resp: 148414

Ion Ratio Lower Upper

79 100

108 69.1 57.2 85.8

77 67.6 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 82.600 ng

RT: 9.20 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

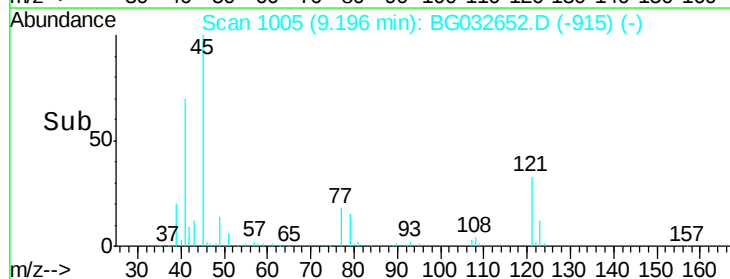
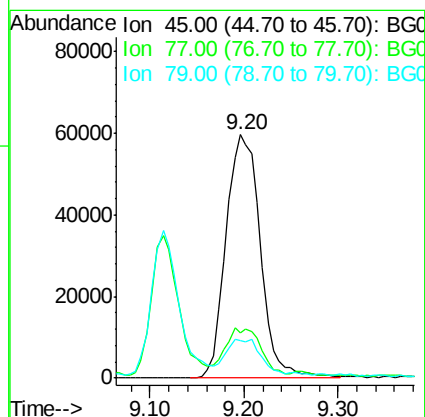
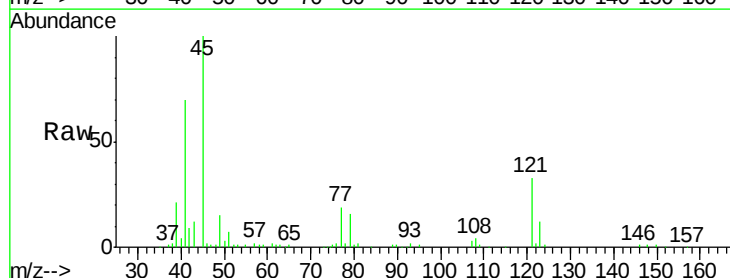
Tgt Ion: 45 Resp: 151493

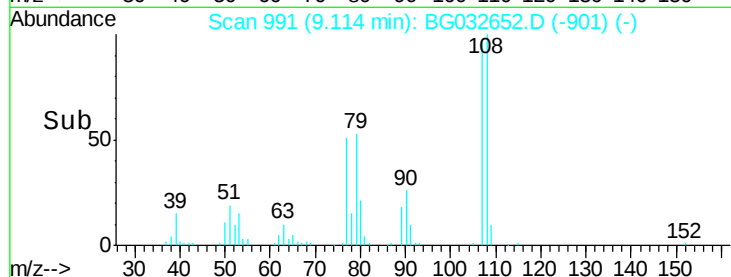
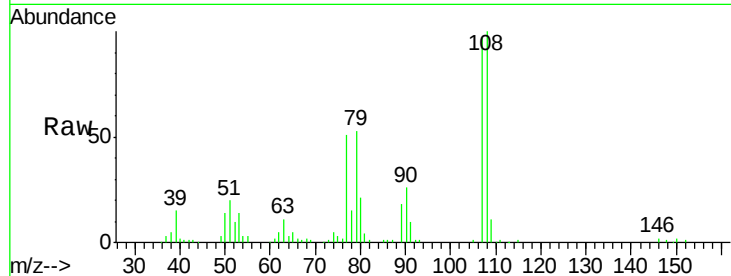
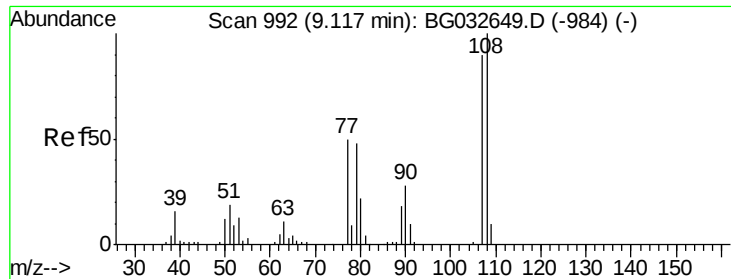
Ion Ratio Lower Upper

45 100

77 18.6 0.0 30.2

79 15.5 0.0 27.9

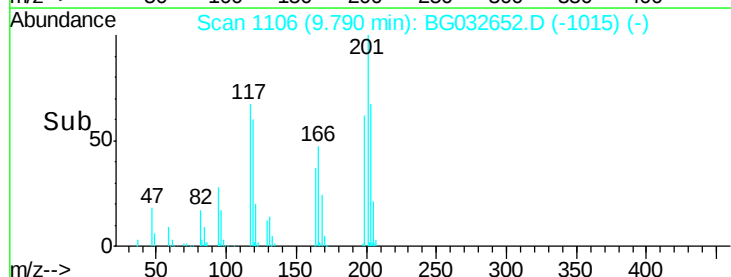
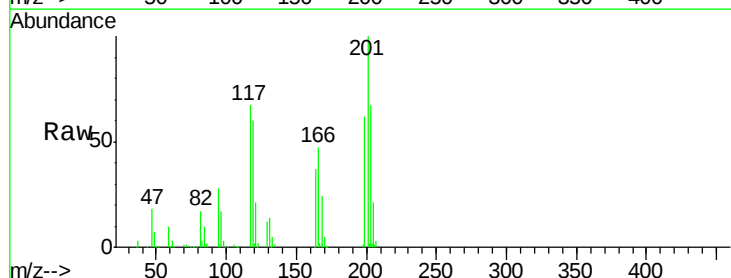
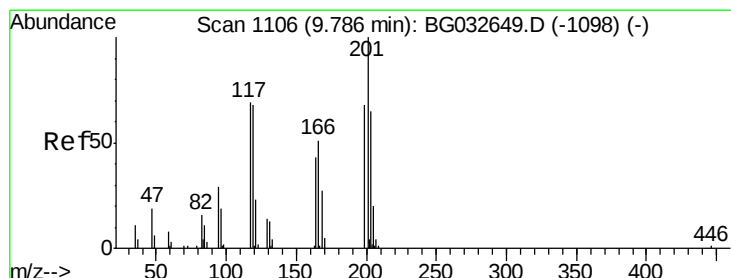
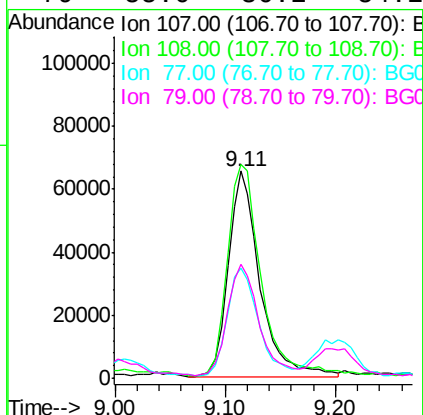




#17
2-Methylphenol
Concen: 92.442 ng
RT: 9.11 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

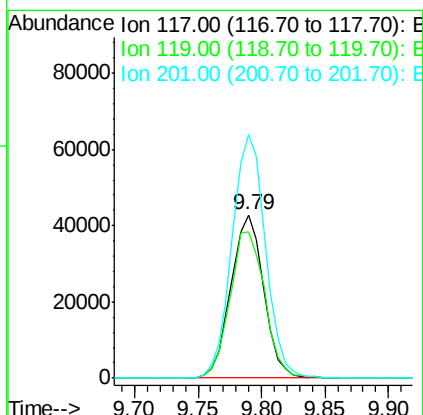
Instrument :
BNA_G
ClientSampleId :

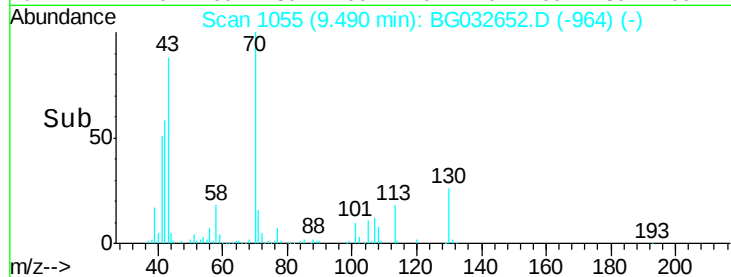
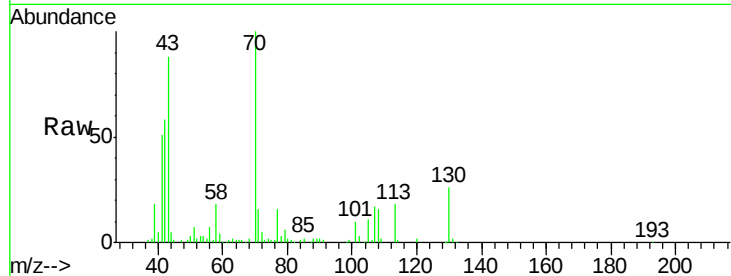
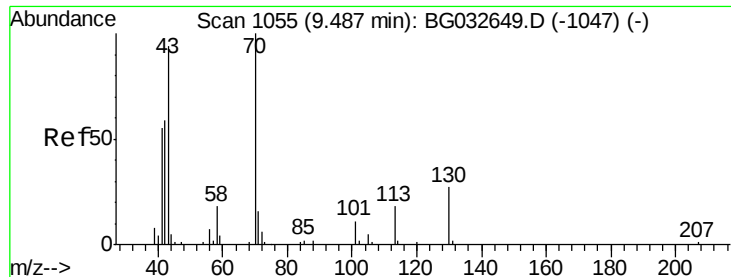
Tot Ion:	107	Resp:	129426
Ion	Ratio	Lower	Upper
107	100		
108	103.2	83.9	125.9
77	53.0	37.2	55.8
79	55.0	36.2	54.2#



#18
Hexachloroethane
Concen: 82.043 ng
RT: 9.79 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion:	117	Resp:	76797
Ion	Ratio	Lower	Upper
117	100		
119	89.6	76.7	115.1
201	148.8	95.7	143.5#

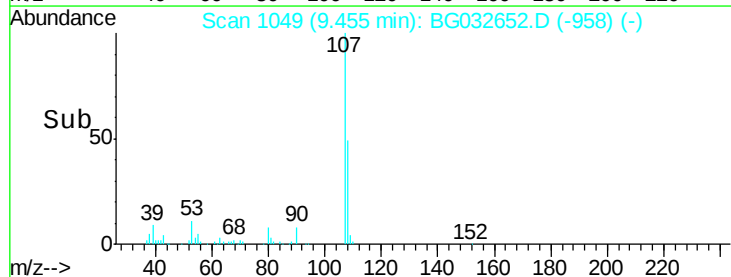
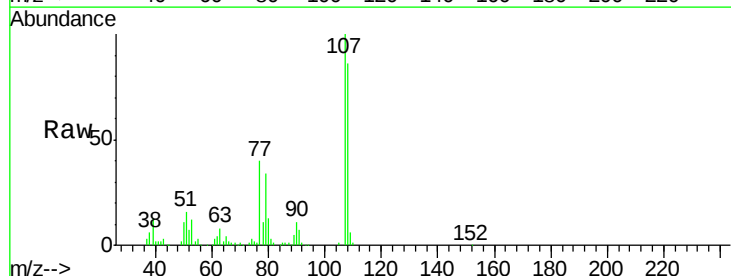
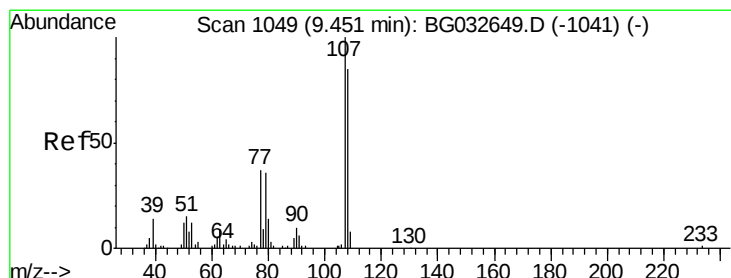
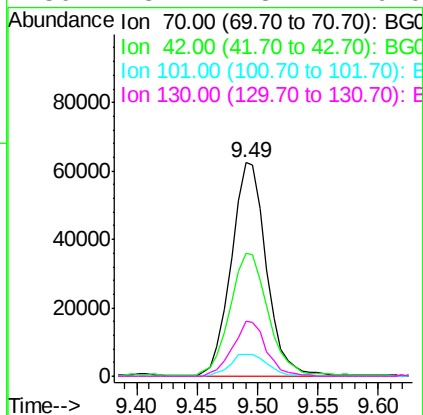




#19
n-Nitroso-di-n-propylamine
Concen: 86.889 ng
RT: 9.49 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

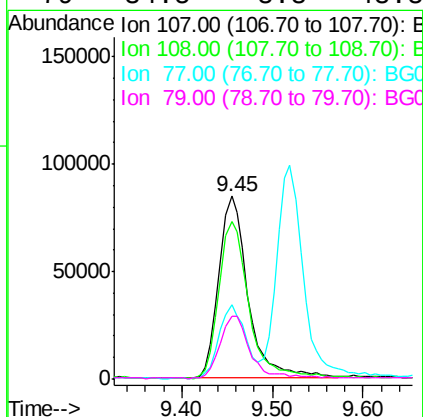
Instrument :
BNA_G
ClientSampleId :

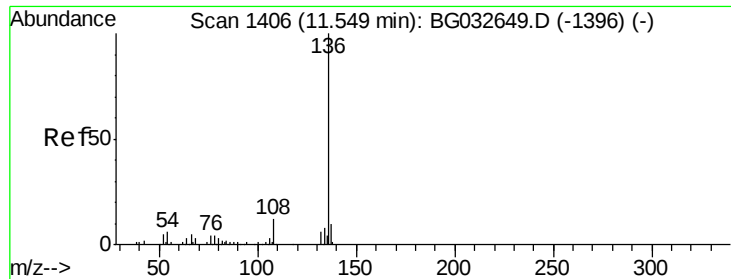
Tot Ion: 70 Resp: 126703
Ion Ratio Lower Upper
70 100
42 57.8 49.1 73.7
101 10.2 8.5 12.7
130 25.7 13.4 20.0#



#20
3+4-Methylphenols
Concen: 90.088 ng
RT: 9.45 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion:107 Resp: 190180
Ion Ratio Lower Upper
107 100
108 86.4 61.6 101.6
77 40.3 13.9 53.9
79 34.5 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.55 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 140334

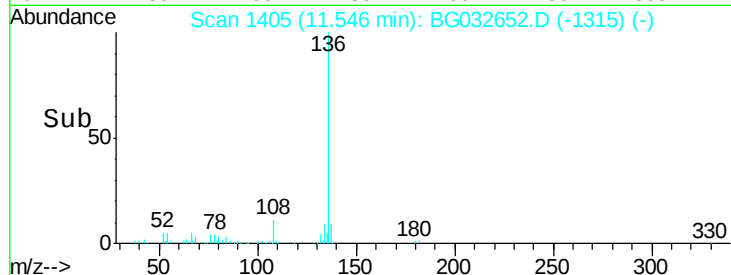
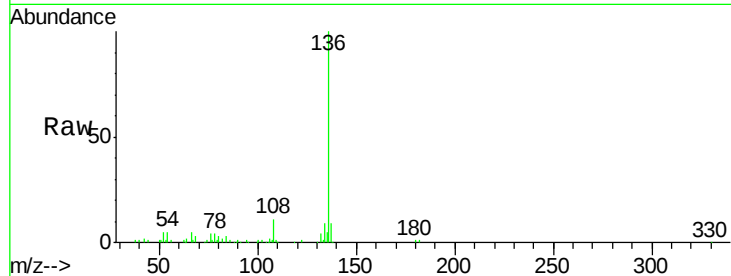
Ion Ratio Lower Upper

136 100

137 8.6 9.2 13.8#

54 5.2 10.3 15.5#

68 2.5 4.5 6.7#



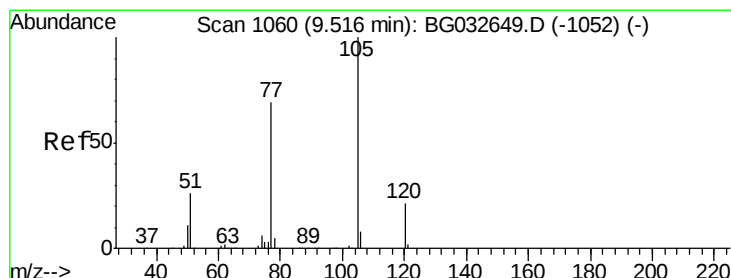
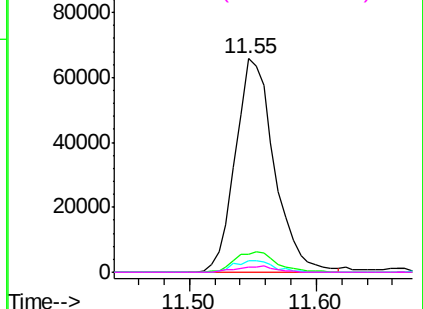
Abundance

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: 87.665 ng

RT: 9.52 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Tgt Ion:105 Resp: 258111

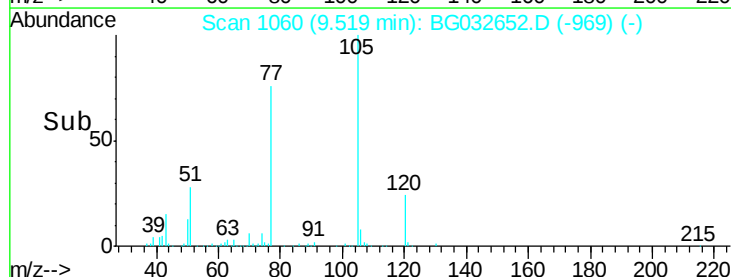
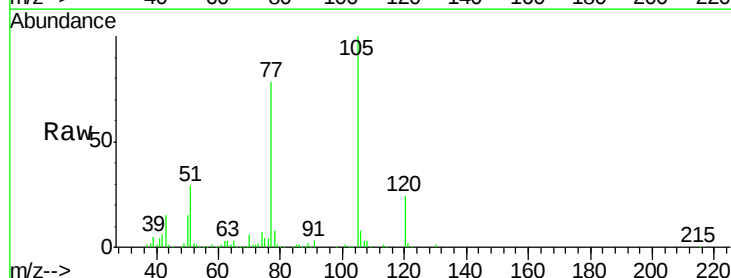
Ion Ratio Lower Upper

105 100

71 1.4 3.0 4.4#

51 28.5 26.1 39.1

120 24.2 17.4 26.2



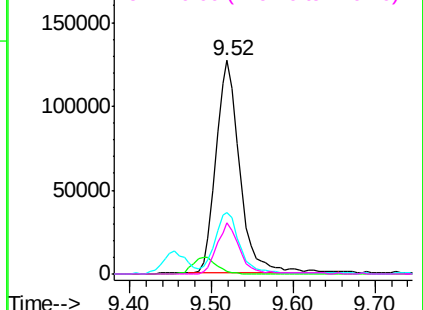
Abundance

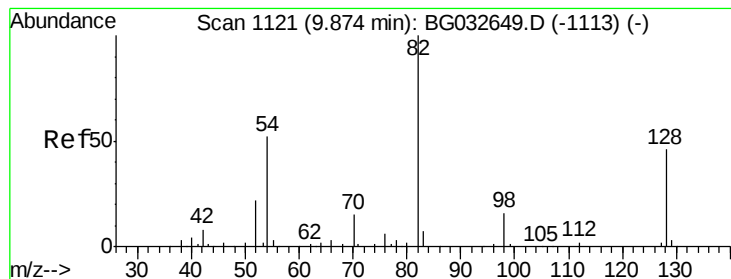
Ion 105.00 (104.70 to 105.70): E

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: 86.225 ng

RT: 9.88 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampled :

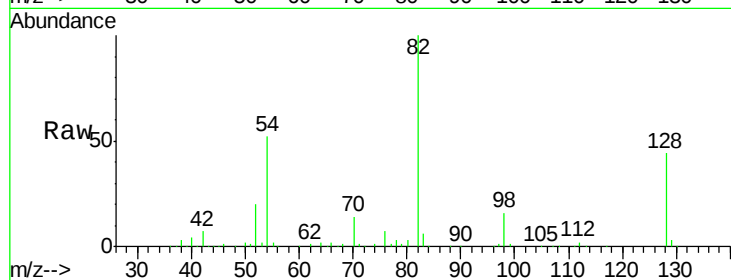
Tot Ion: 82 Resp: 376595

Ion Ratio Lower Upper

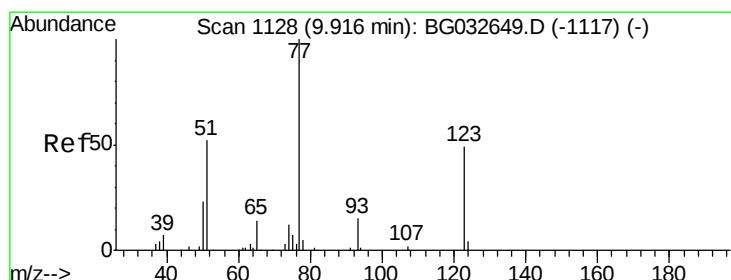
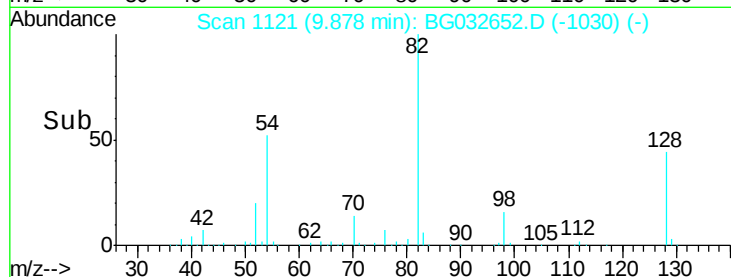
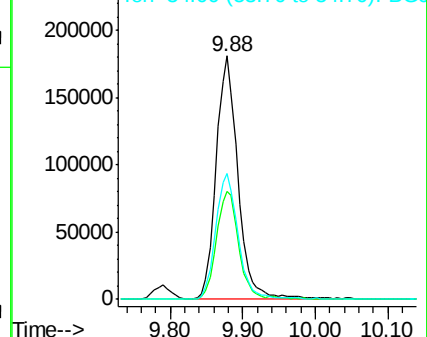
82 100

128 44.2 29.7 44.5

54 51.8 43.1 64.7



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



#24

Nitrobenzene

Concen: 82.930 ng

RT: 9.92 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

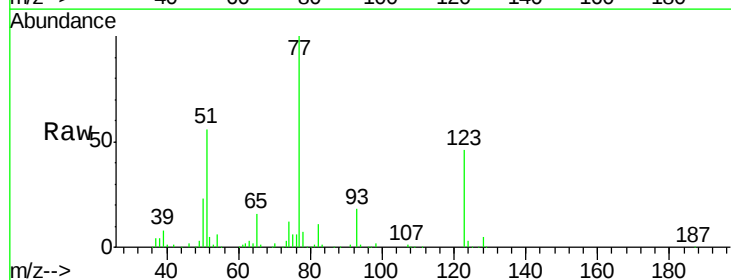
Tgt Ion: 77 Resp: 190729

Ion Ratio Lower Upper

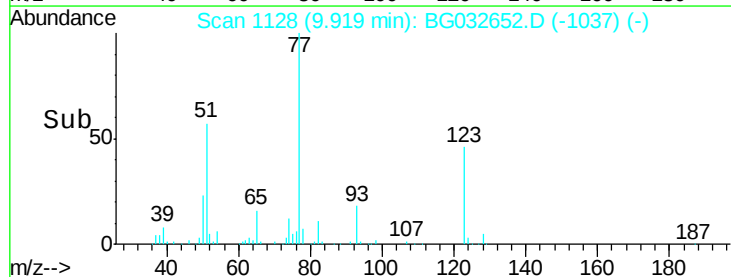
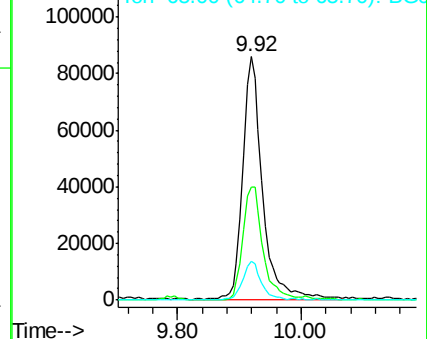
77 100

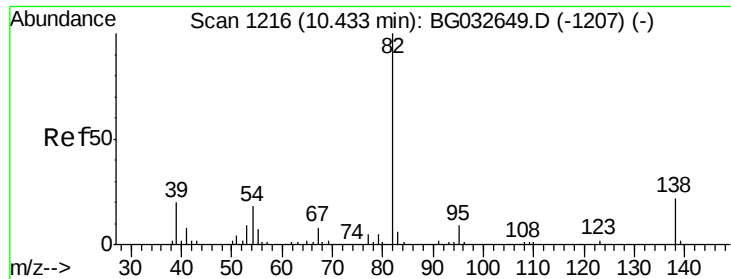
123 46.3 33.0 49.6

65 16.0 13.0 19.6



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





#25

Isophorone

Concen: 80.365 ng

RT: 10.44 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampled :

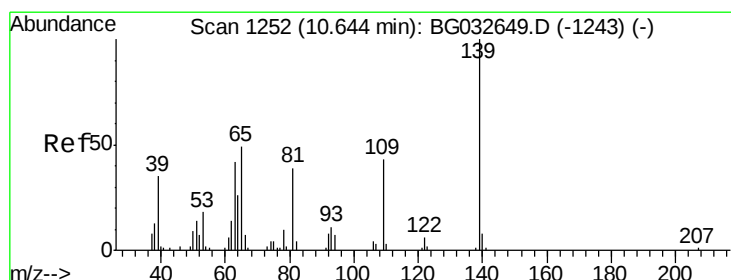
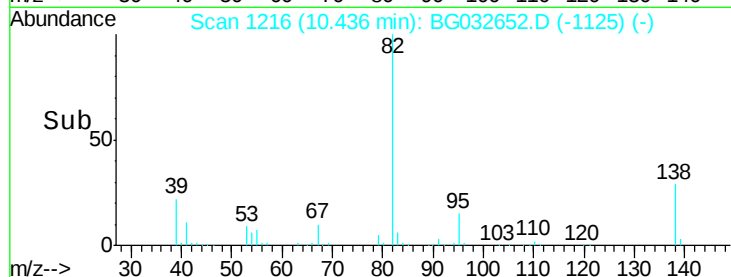
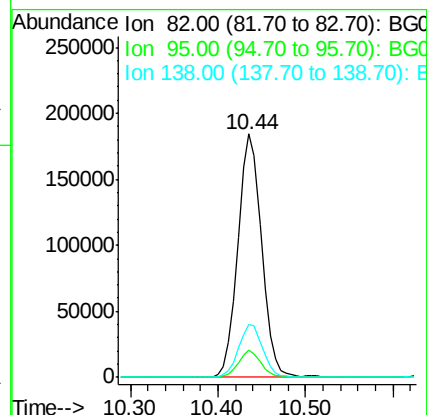
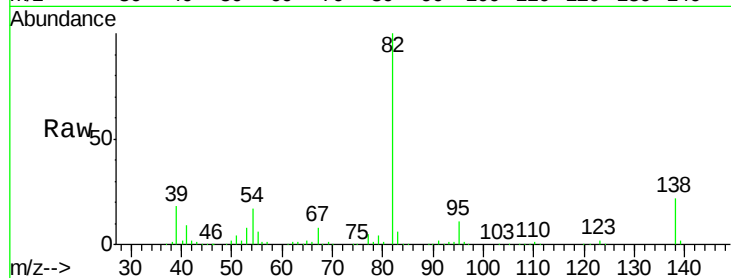
Tot Ion: 82 Resp: 338106

Ion Ratio Lower Upper

82 100

95 11.2 6.2 9.2#

138 21.9 12.1 18.1#



#26

2-Nitrophenol

Concen: 85.765 ng

RT: 10.64 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

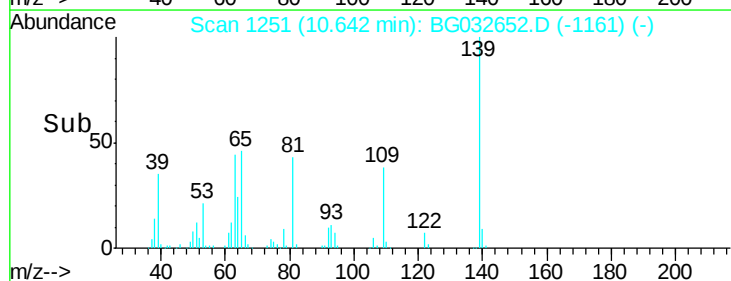
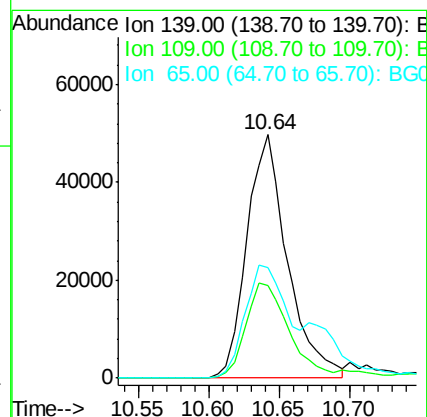
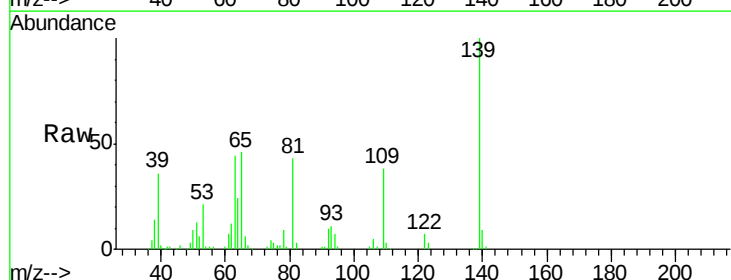
Tgt Ion: 139 Resp: 100310

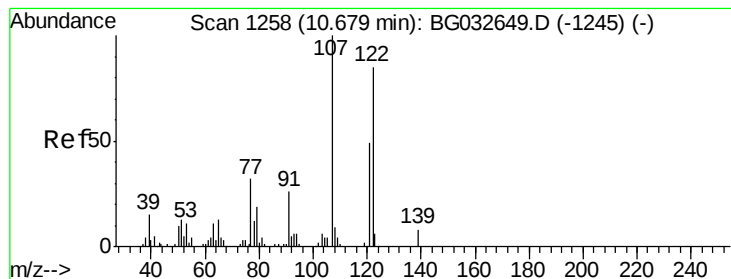
Ion Ratio Lower Upper

139 100

109 38.3 24.2 36.2#

65 45.5 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 89.528 ng

RT: 10.68 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

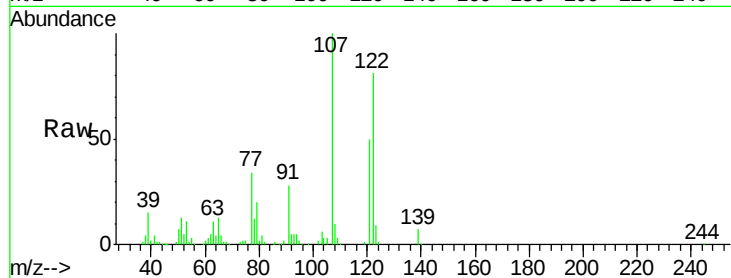
Tot Ion:122 Resp: 143009

Ion Ratio Lower Upper

122 100

107 123.5 100.2 150.2

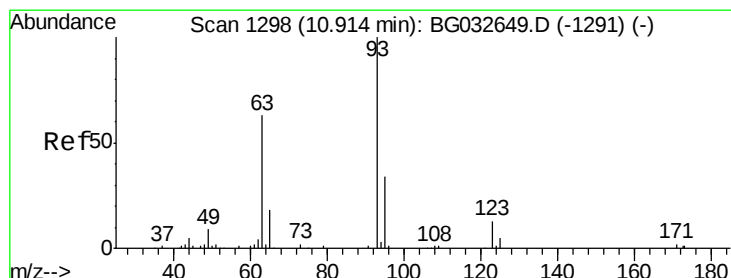
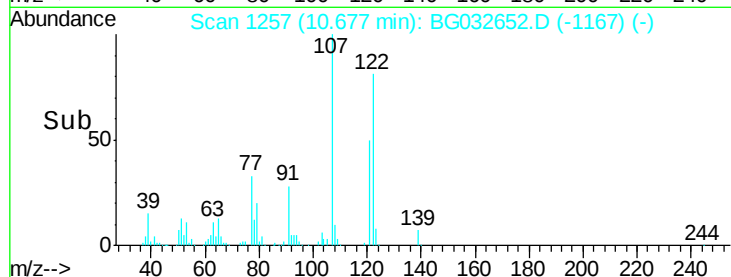
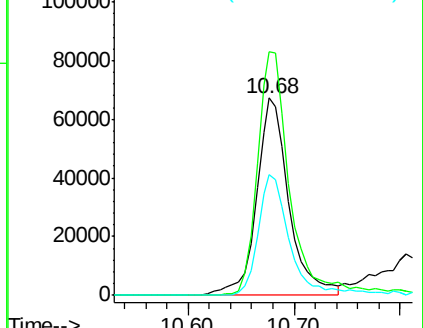
121 61.4 44.4 66.6



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: 87.593 ng

RT: 10.92 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

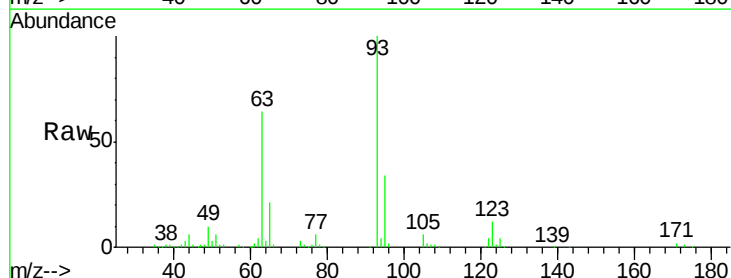
Tgt Ion: 93 Resp: 174599

Ion Ratio Lower Upper

93 100

95 33.7 24.3 36.5

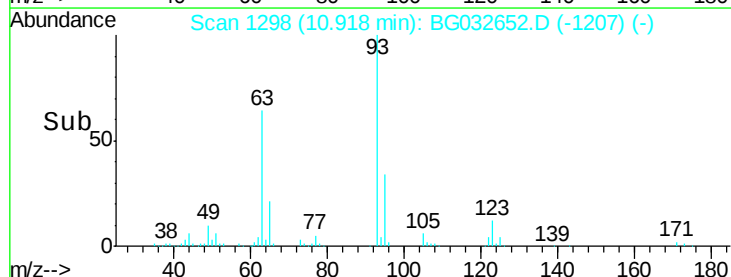
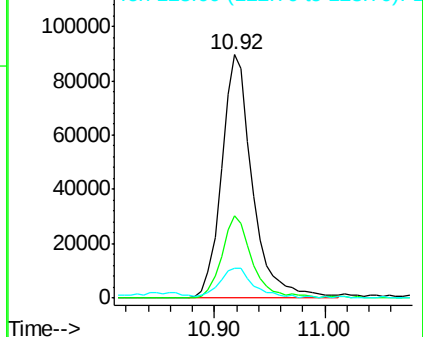
123 12.2 8.4 12.6



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

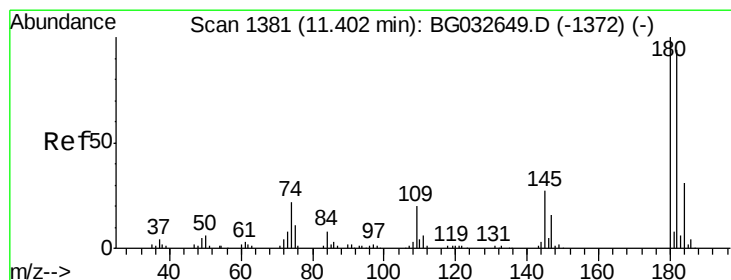
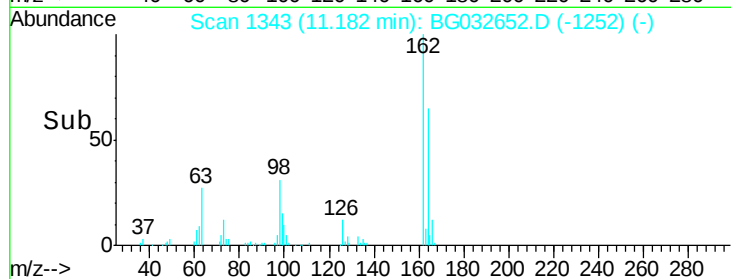
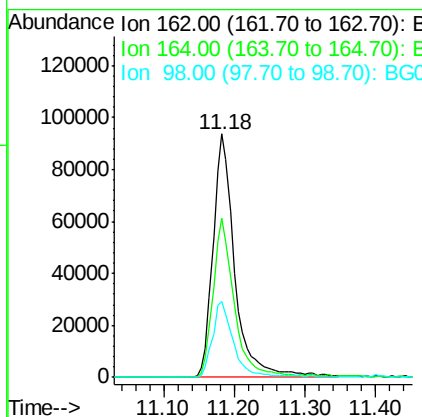
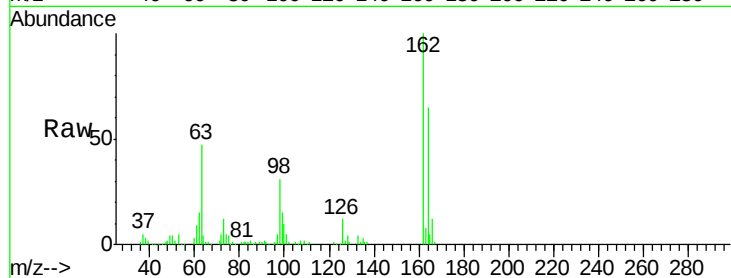




#29
2,4-Dichlorophenol
Concen: 92.537 ng
RT: 11.18 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

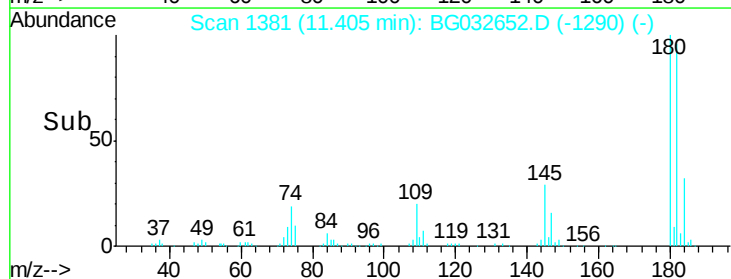
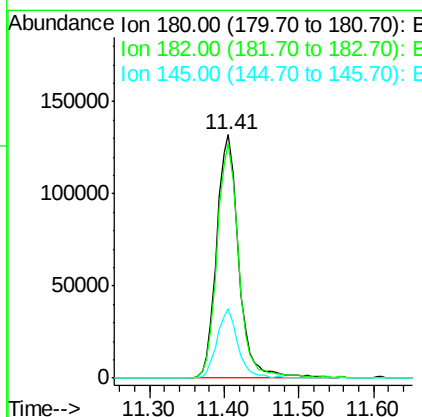
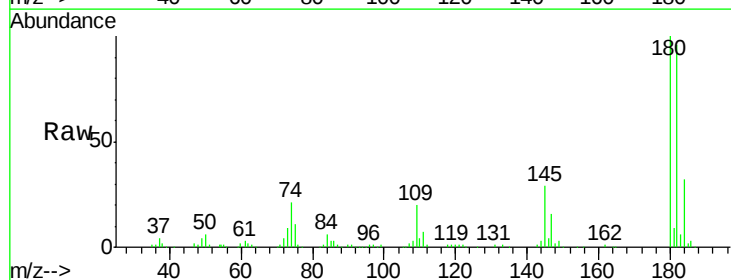
Instrument :
BNA_G
ClientSampleId :

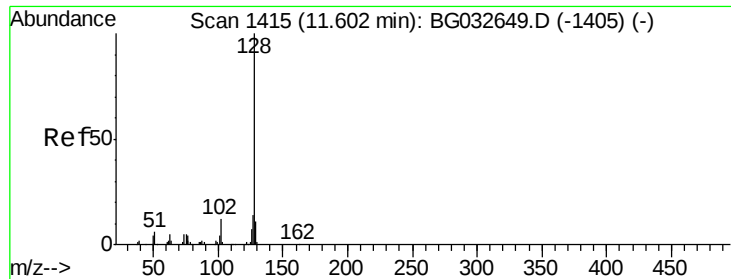
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	48.0	88.0
98	31.0	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 81.952 ng
RT: 11.41 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.5	116.3
145	28.6	23.4	35.2

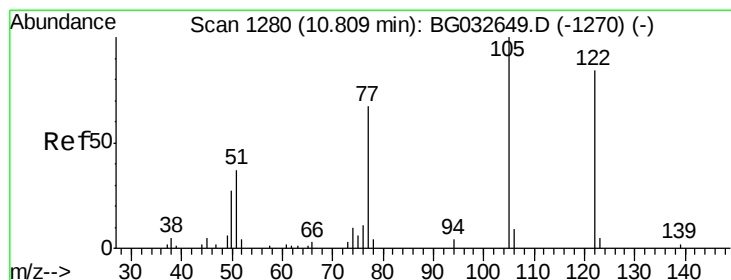
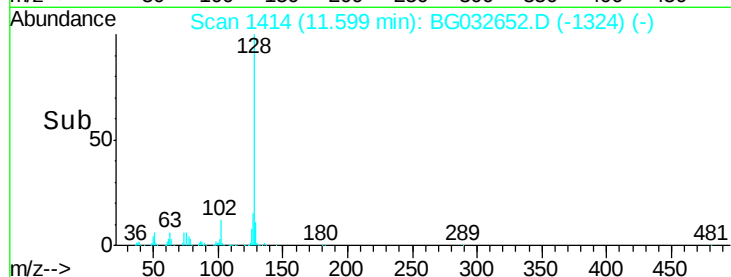
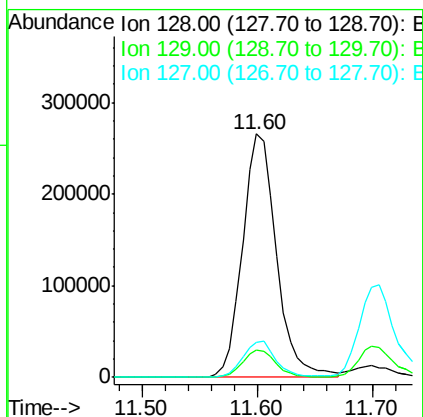
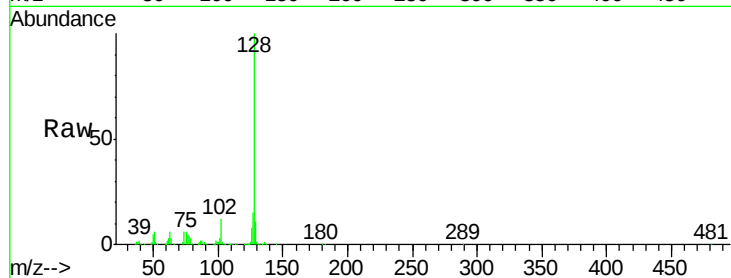




#31
Naphthalene
Concen: 79.689 ng
RT: 11.60 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

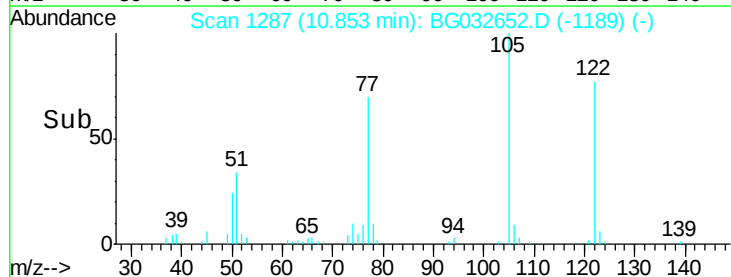
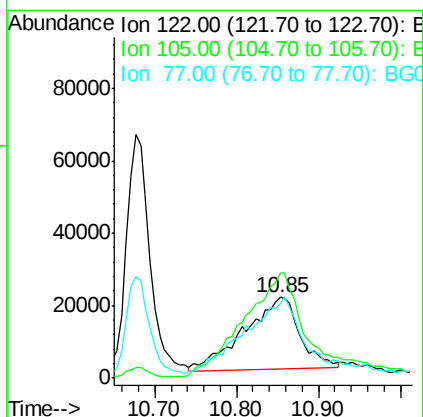
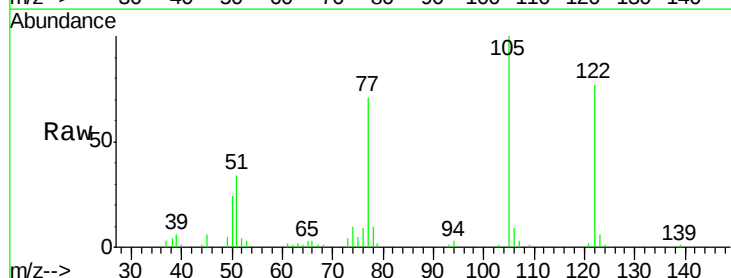
Instrument :
BNA_G
ClientSampleId :

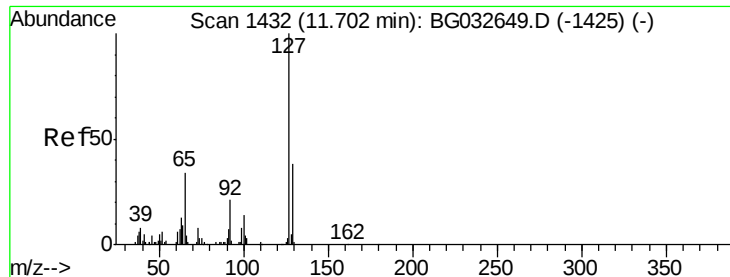
Tot Ion:128 Resp: 543313
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 14.5 11.6 17.4



#32
Benzoic acid
Concen: 78.977 ng
RT: 10.85 min Scan# 1287
Delta R.T. 0.04 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion:122 Resp: 93519
Ion Ratio Lower Upper
122 100
105 130.4 123.5 163.5
77 92.5 85.7 125.7

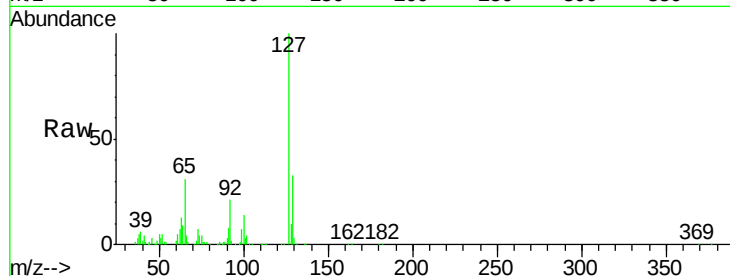




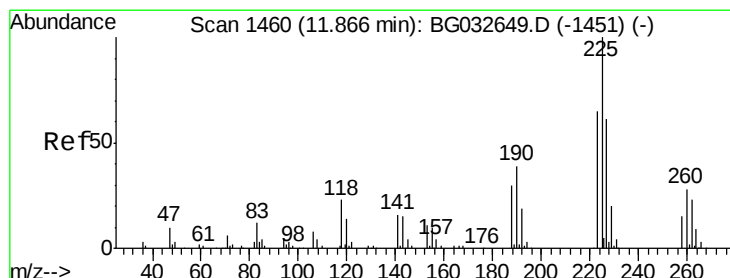
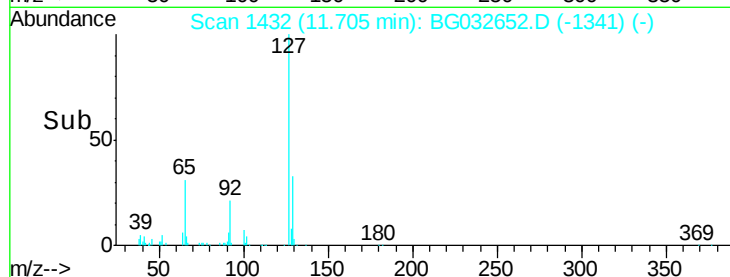
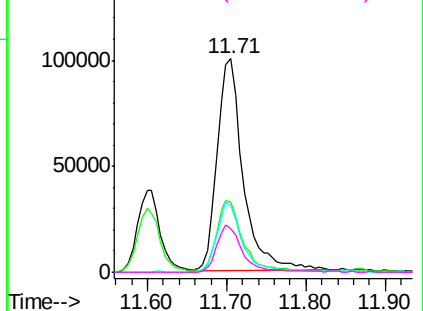
#33
4-Chloroaniline
Concen: 90.812 ng
RT: 11.71 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	228795
Ion	Ratio	Lower	Upper
127	100		
129	33.0	24.0	36.0
65	31.3	27.0	40.4
92	20.6	16.6	25.0

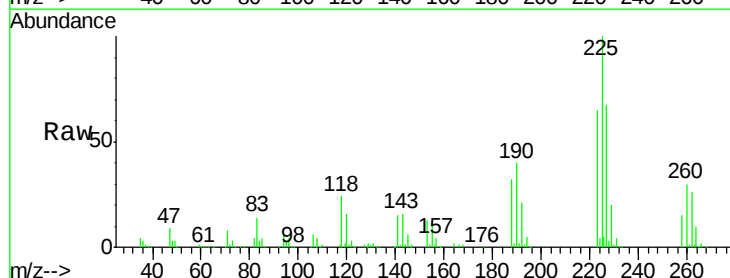


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

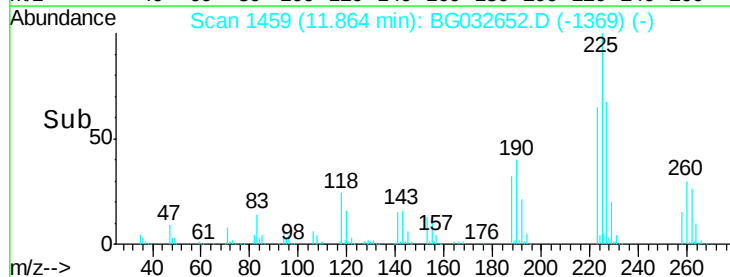
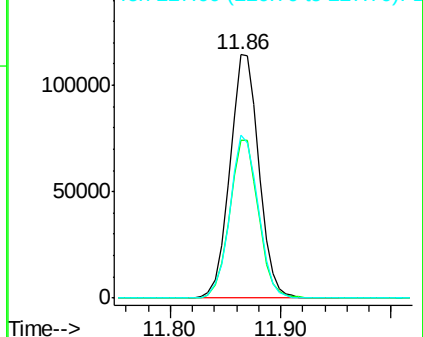


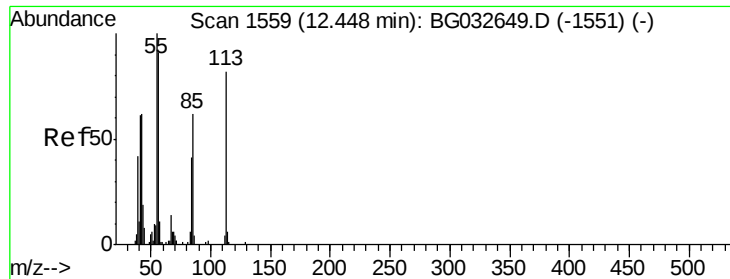
#34
Hexachlorobutadiene
Concen: 76.973 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion:	225	Resp:	211425
Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.7	74.5
227	66.7	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: 100.005 ng

RT: 12.49 min Scan# 1565

Delta R.T. 0.04 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

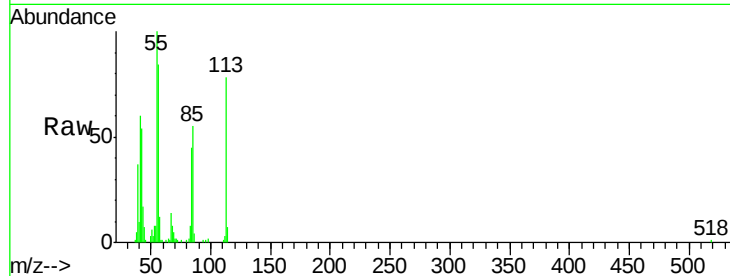
Tot Ion:113 Resp: 56362

Ion Ratio Lower Upper

113 100

55 127.6 186.9 226.9#

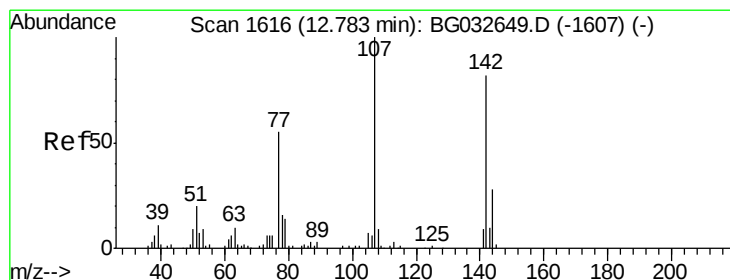
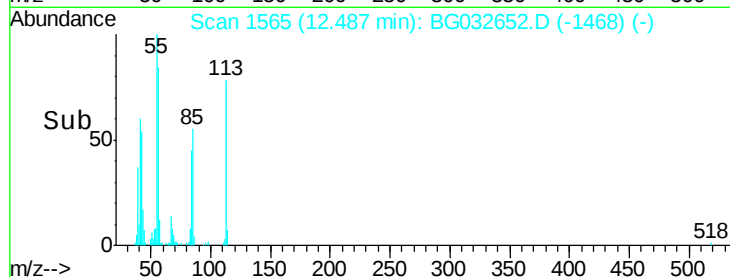
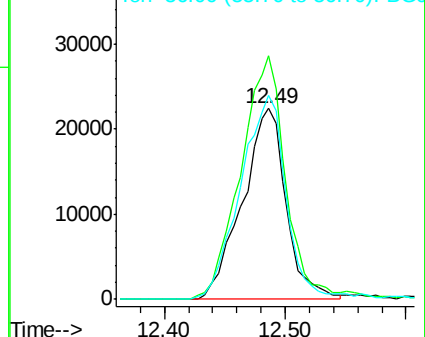
56 106.9 130.9 170.9#



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: 89.565 ng

RT: 12.79 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

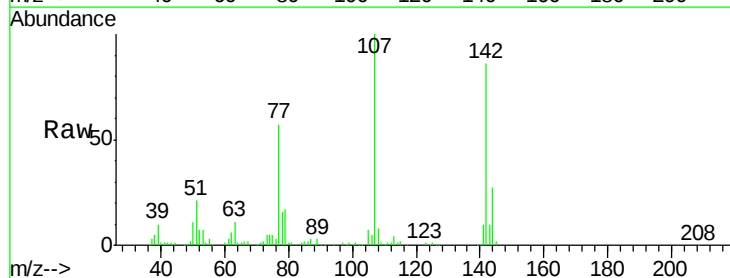
Tgt Ion:107 Resp: 188339

Ion Ratio Lower Upper

107 100

144 27.0 18.2 27.4

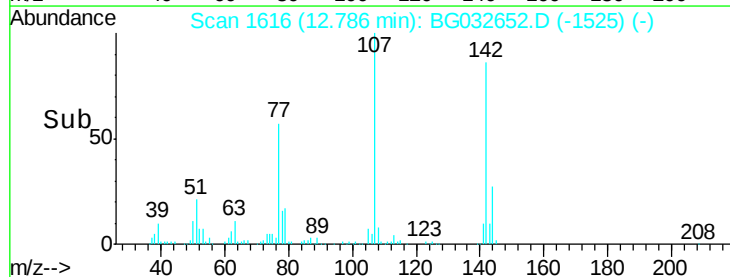
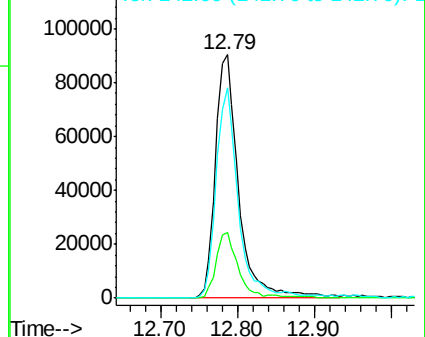
142 86.3 59.0 88.4

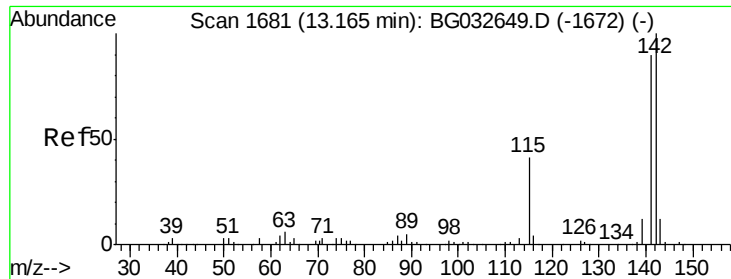


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

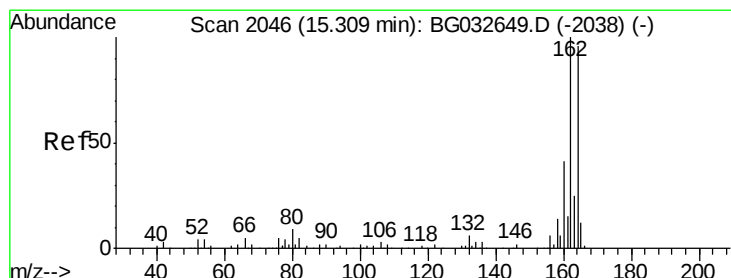
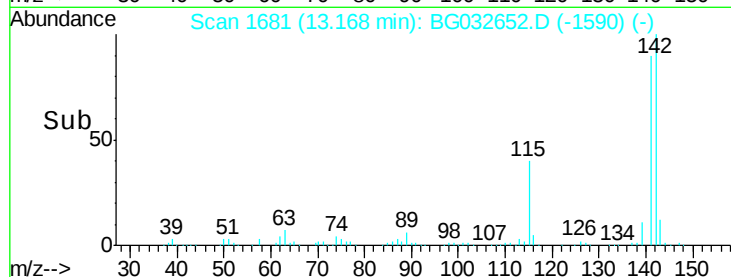
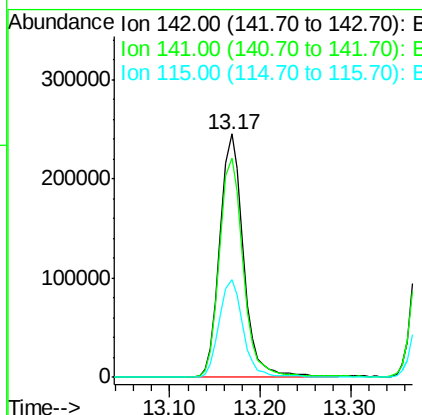
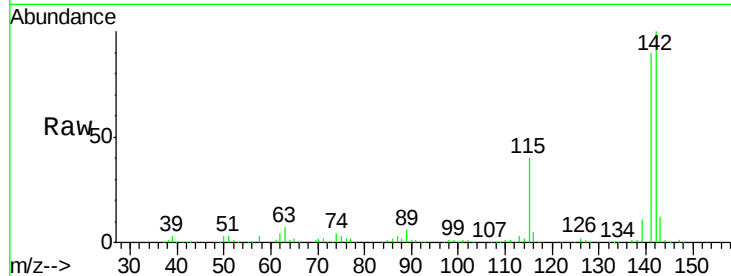




#37
2-Methylnaphthalene
Concen: 80.376 ng
RT: 13.17 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

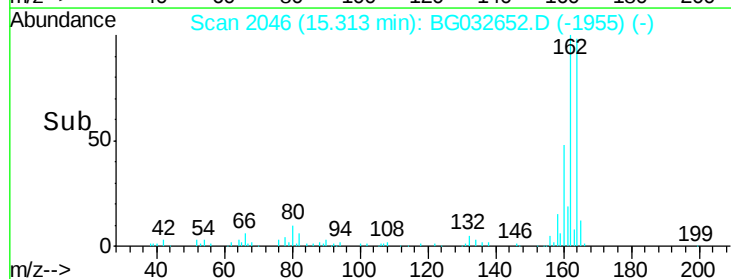
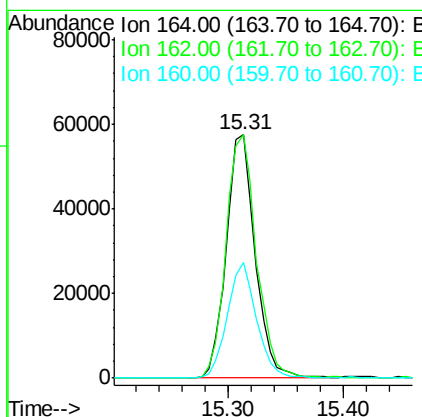
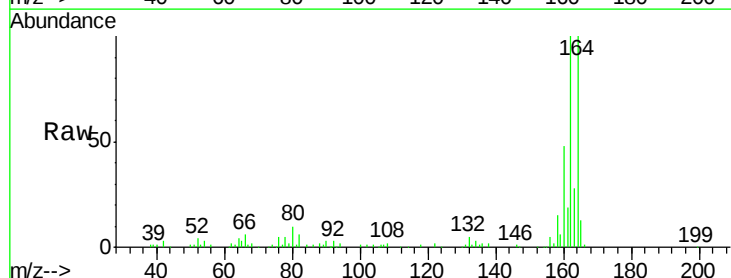
Instrument :
BNA_G
ClientSampleId :

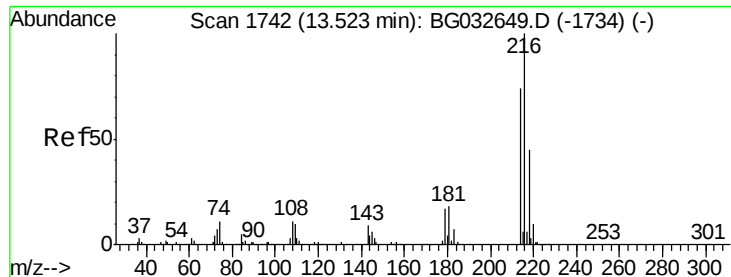
Tot Ion:142 Resp: 443956
Ion Ratio Lower Upper
142 100
141 90.3 67.1 100.7
115 39.9 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.31 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion:164 Resp: 99784
Ion Ratio Lower Upper
164 100
162 99.9 78.8 118.2
160 47.7 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 79.918 ng

RT: 13.53 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 376705

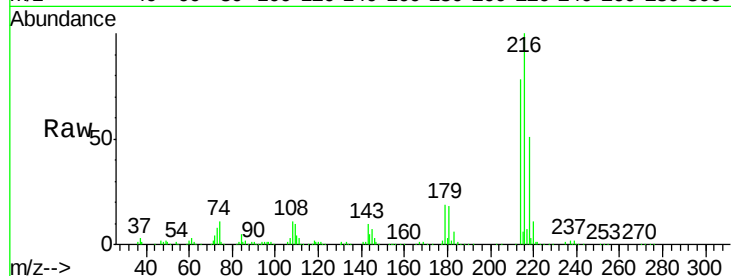
Ion Ratio Lower Upper

216 100

214 76.9 63.0 94.4

179 18.4 17.0 25.6

108 12.0 12.8 19.2#

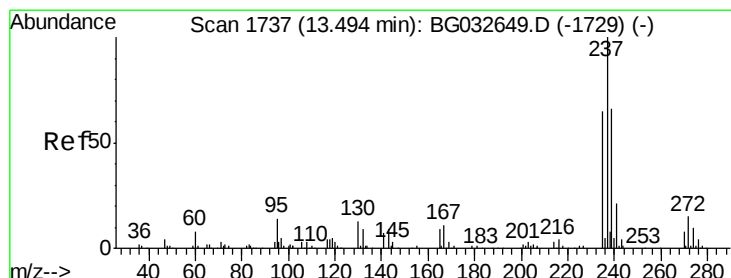
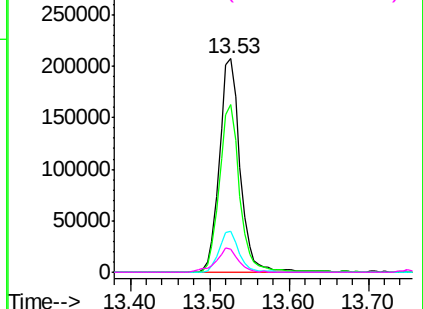
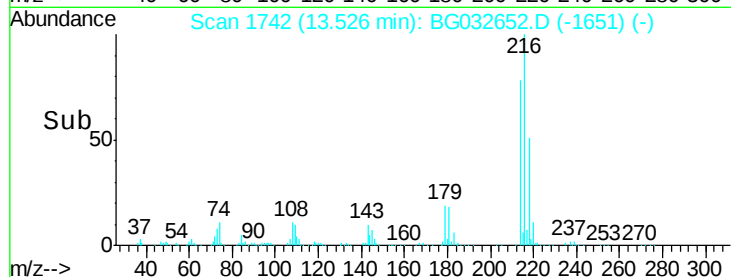


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.911 ng

RT: 13.50 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

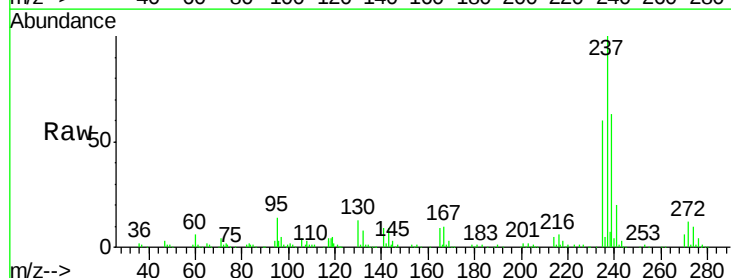
Tgt Ion:237 Resp: 248242

Ion Ratio Lower Upper

237 100

235 60.2 50.4 90.4

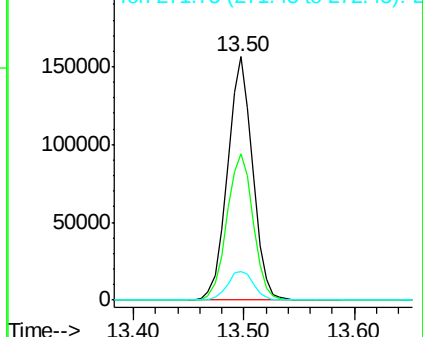
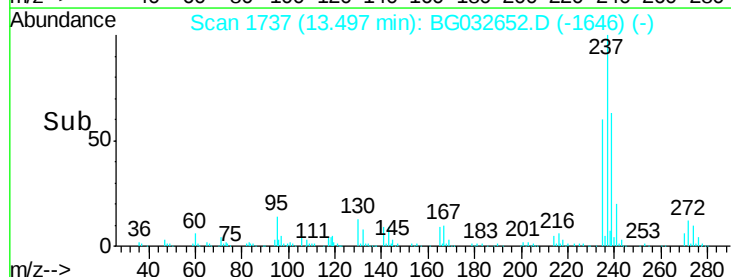
272 12.0 0.0 31.8

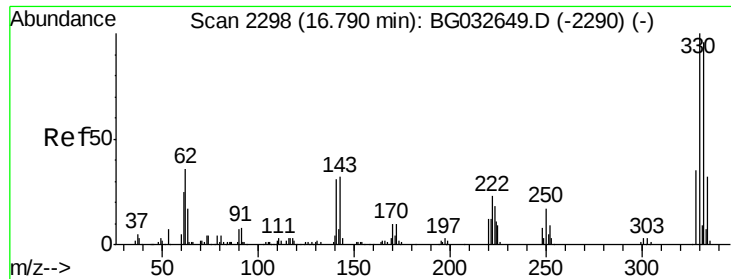


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 85.251 ng

RT: 16.79 min Scan# 2298

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

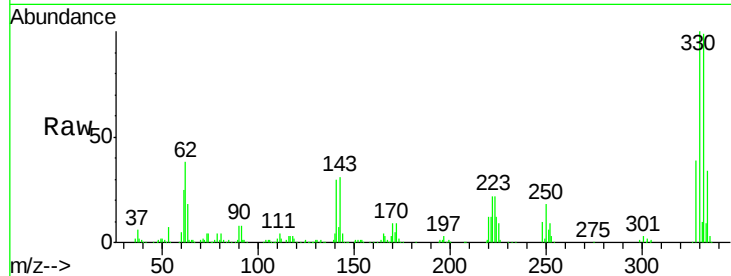
Tot Ion:330 Resp: 259537

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

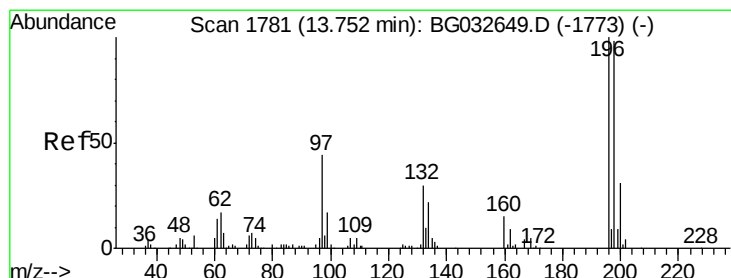
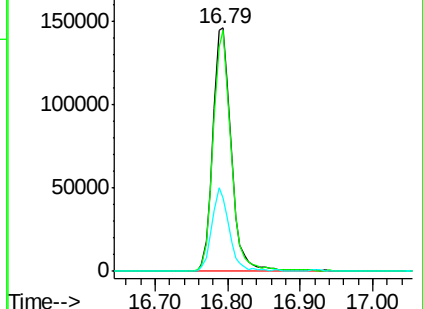
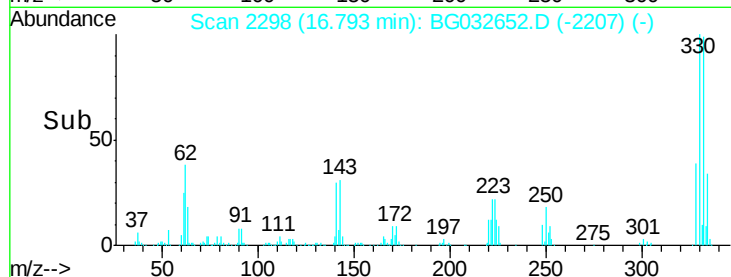
141 31.9 25.2 37.8



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: 87.139 ng

RT: 13.76 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

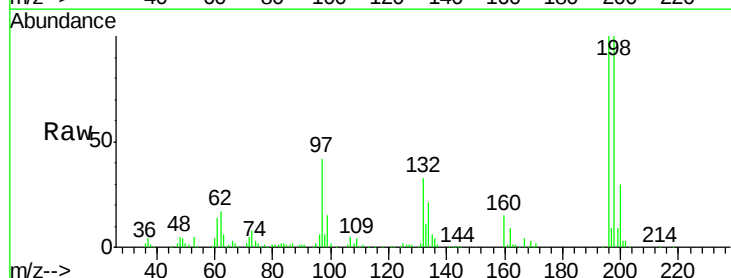
Tgt Ion:196 Resp: 202394

Ion Ratio Lower Upper

196 100

198 99.7 78.2 117.2

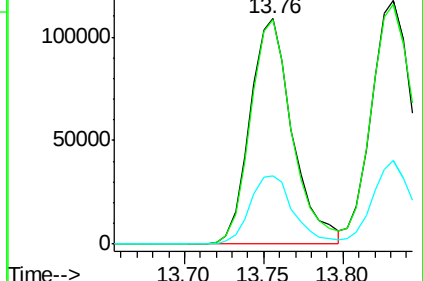
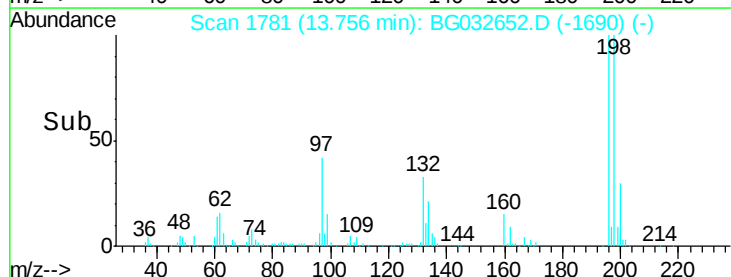
200 30.2 24.6 36.8

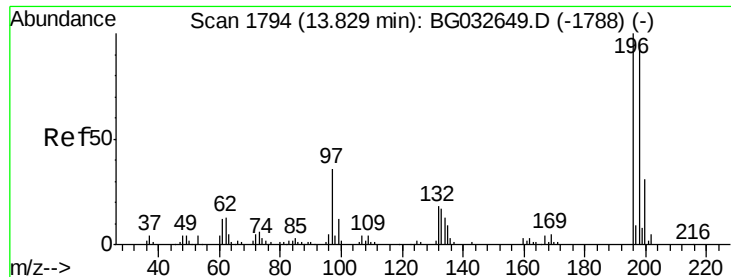


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

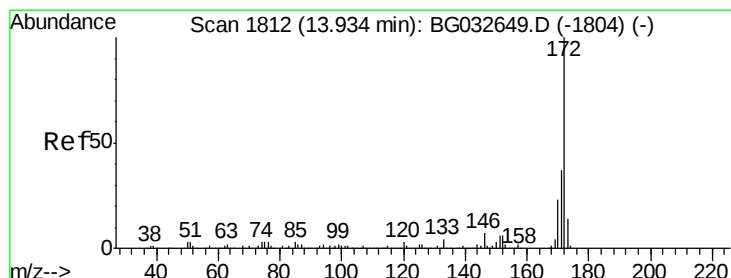
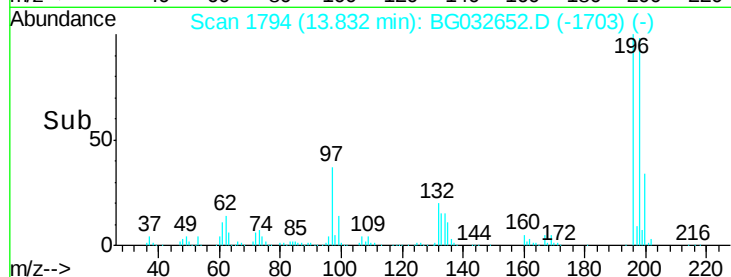
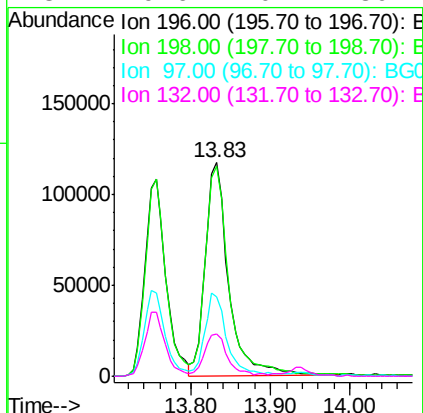
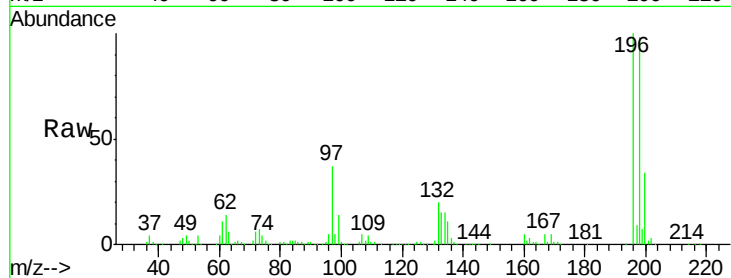




#43
2,4,5-Trichlorophenol
Concen: 87.327 ng
RT: 13.83 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

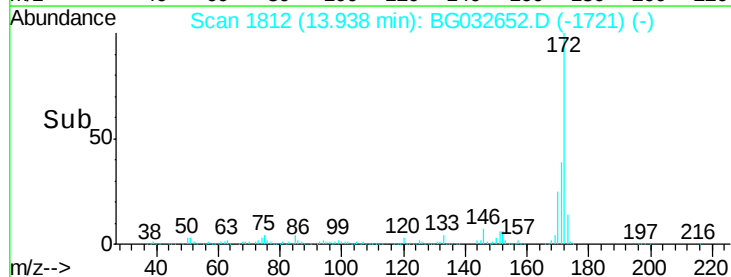
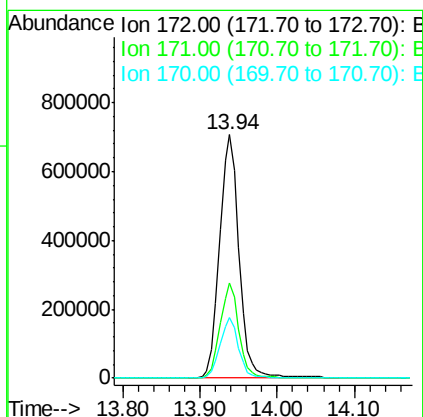
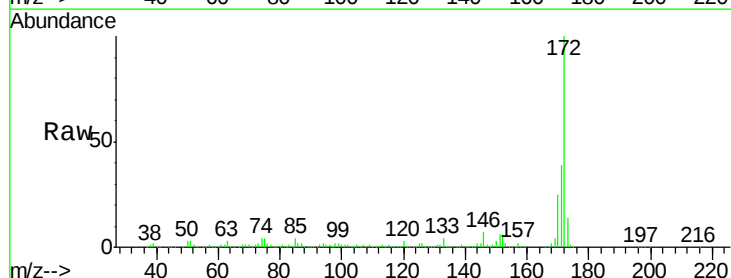
Instrument :
BNA_G
ClientSampleId :

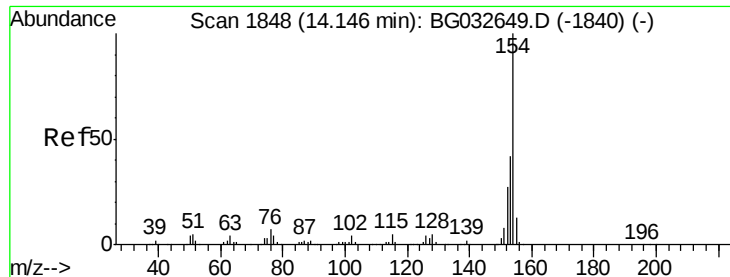
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.5	76.2	114.4
97	37.0	38.7	58.1
132	19.6	20.2	30.2



#44
2-Fluorobiphenyl
Concen: 77.310 ng
RT: 13.94 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.0	45.0
170	25.1	19.5	29.3





#45

1,1'-Biphenyl

Concen: 81.840 ng

RT: 14.15 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

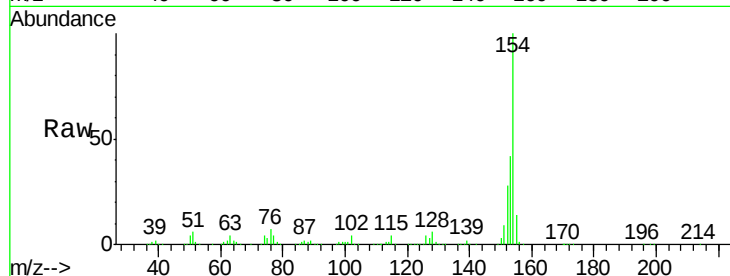
Tot Ion:154 Resp: 669738

Ion Ratio Lower Upper

154 100

153 42.0 19.8 59.8

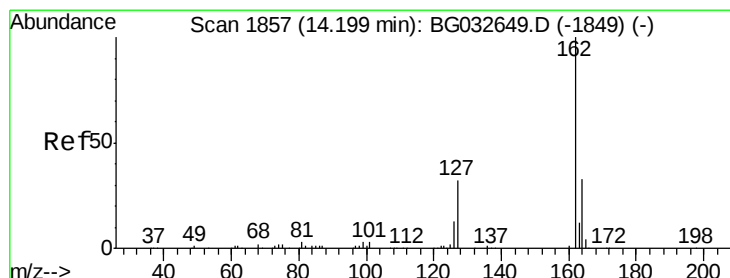
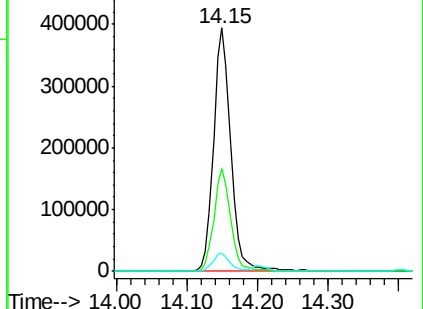
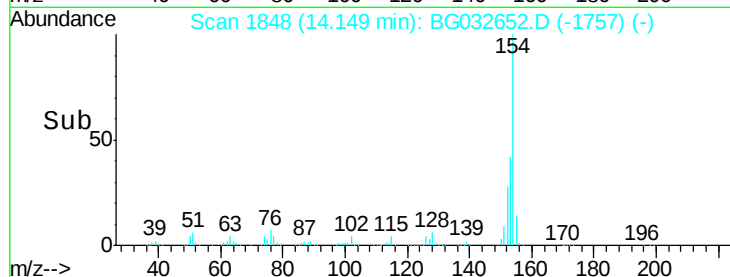
76 7.4 0.0 31.9



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): B



#46

2-Chloronaphthalene

Concen: 80.419 ng

RT: 14.20 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

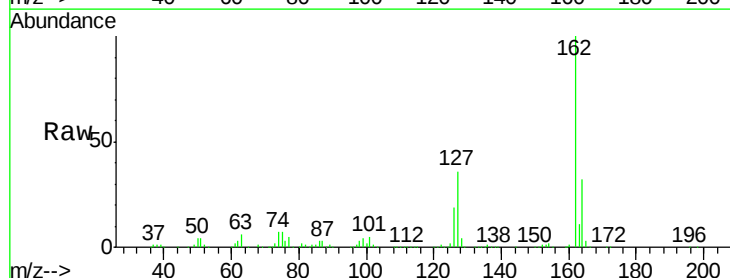
Tgt Ion:162 Resp: 522088

Ion Ratio Lower Upper

162 100

127 36.5 30.7 46.1

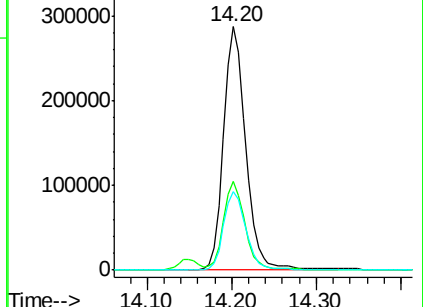
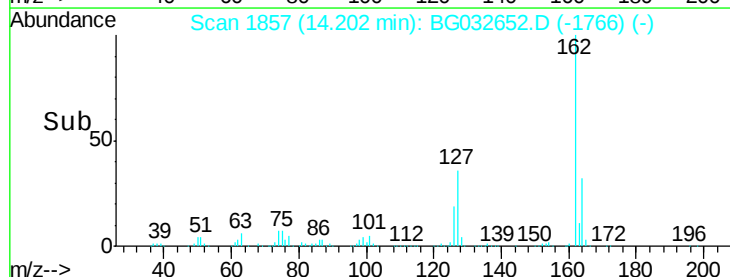
164 32.3 26.0 39.0

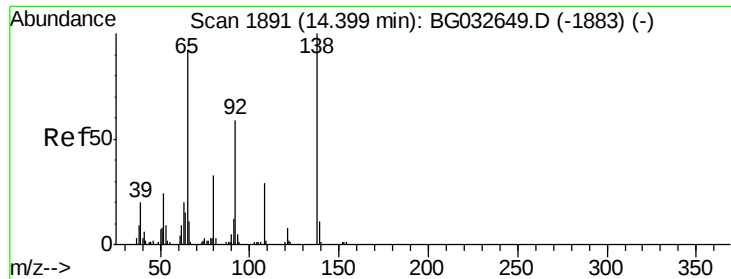


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 90.404 ng

RT: 14.40 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

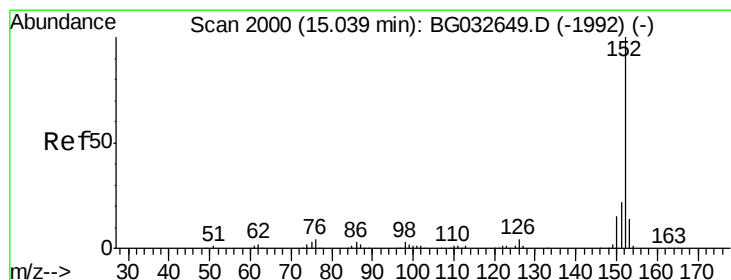
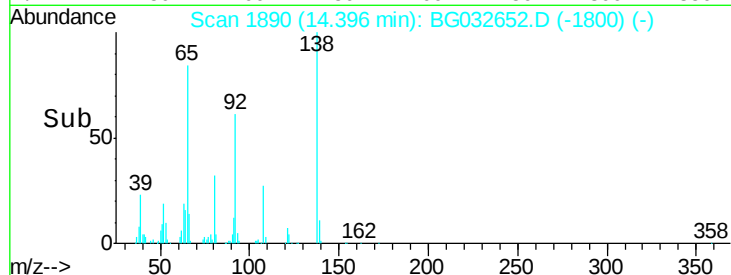
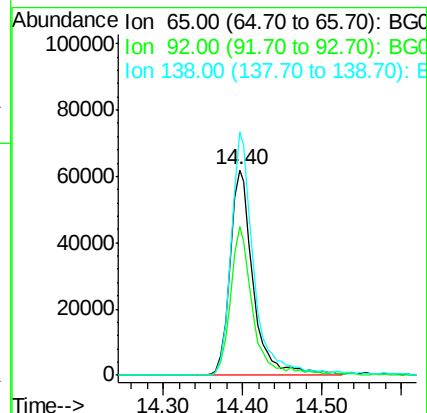
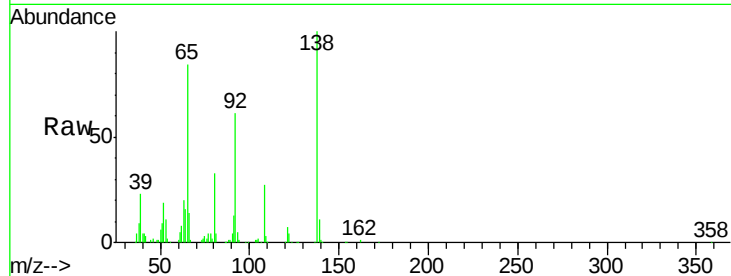
Tot Ion: 65 Resp: 125432

Ion Ratio Lower Upper

65 100

92 72.8 54.6 82.0

138 118.6 72.9 109.3#



#48

Acenaphthylene

Concen: 81.369 ng

RT: 15.04 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

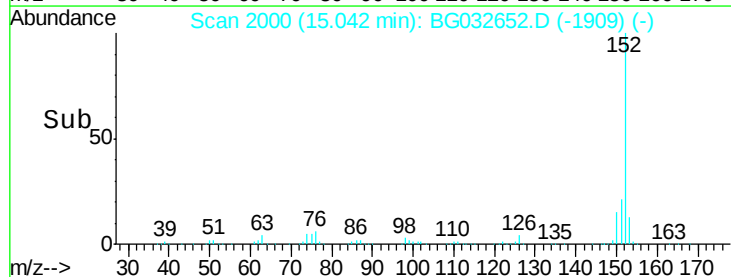
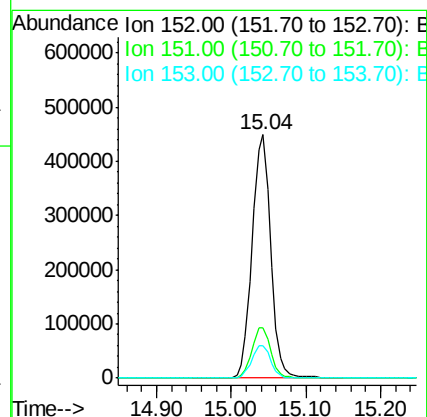
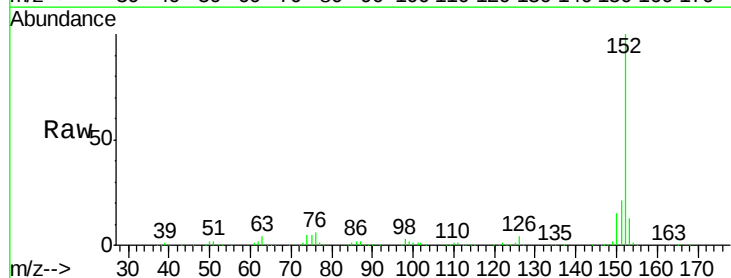
Tgt Ion: 152 Resp: 775859

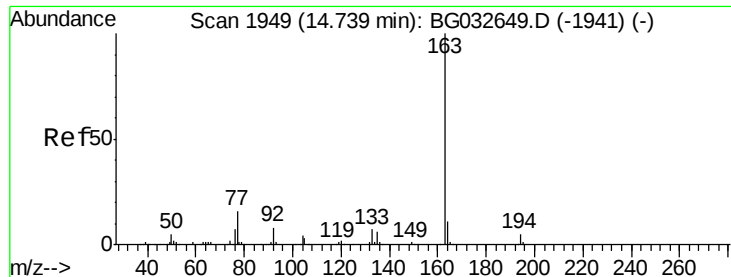
Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

153 13.1 10.2 15.4





#49

Dimethylphthalate

Concen: 79.634 ng

RT: 14.75 min Scan# 1950

Delta R.T. 0.01 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampled :

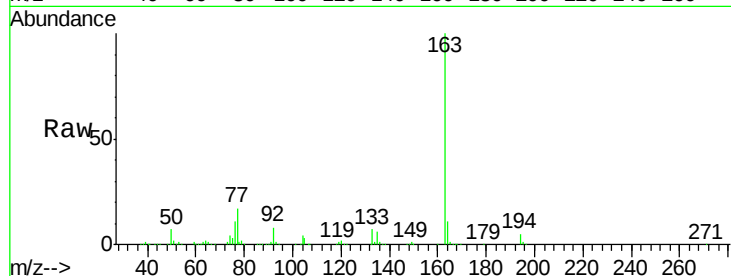
Tot Ion:163 Resp: 687322

Ion Ratio Lower Upper

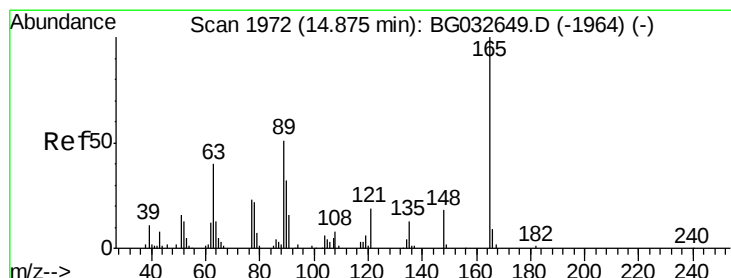
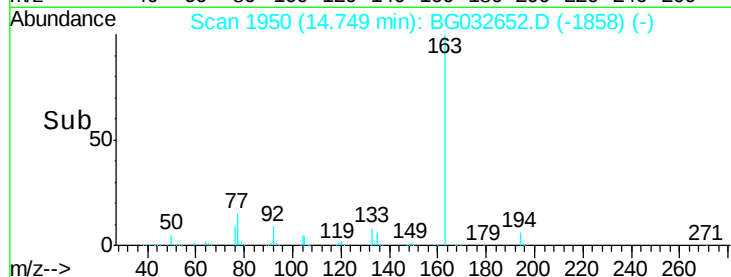
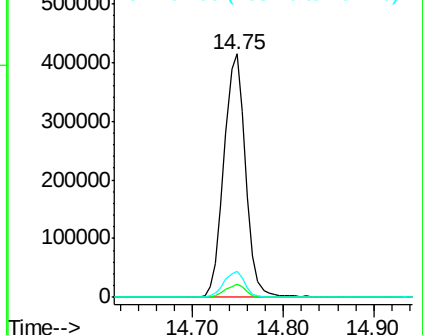
163 100

194 5.3 3.4 5.2#

164 10.7 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: 84.442 ng

RT: 14.88 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

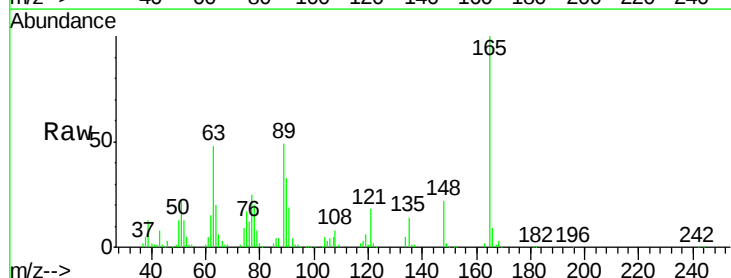
Tgt Ion:165 Resp: 148819

Ion Ratio Lower Upper

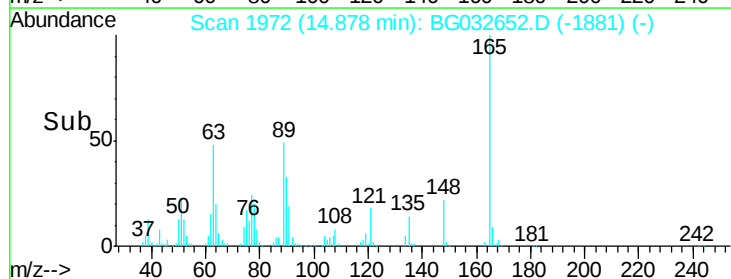
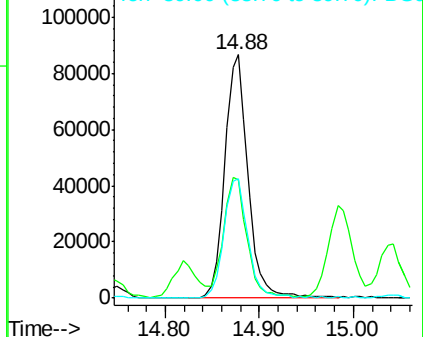
165 100

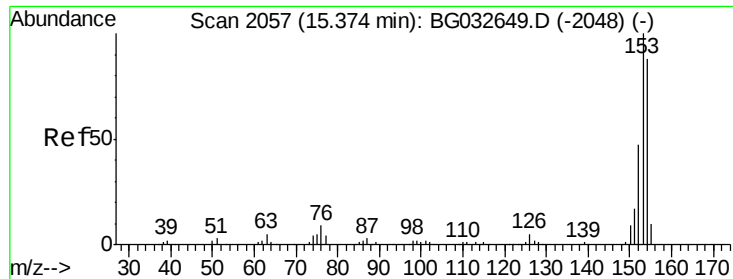
63 48.4 52.7 79.1#

89 49.0 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: 83.800 ng

RT: 15.38 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

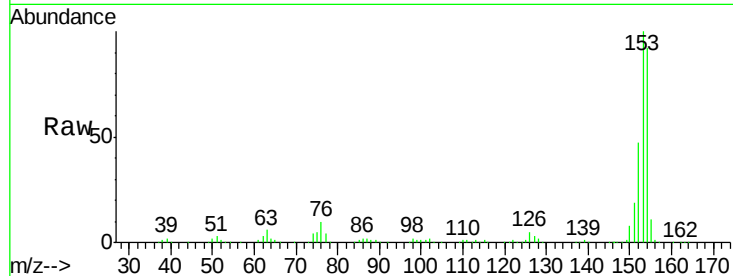
Tot Ion:154 Resp: 543327

Ion Ratio Lower Upper

154 100

153 108.2 90.4 135.6

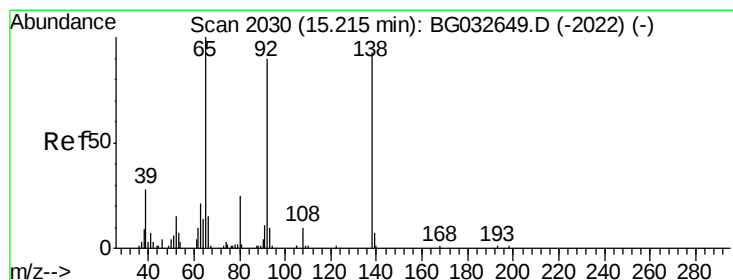
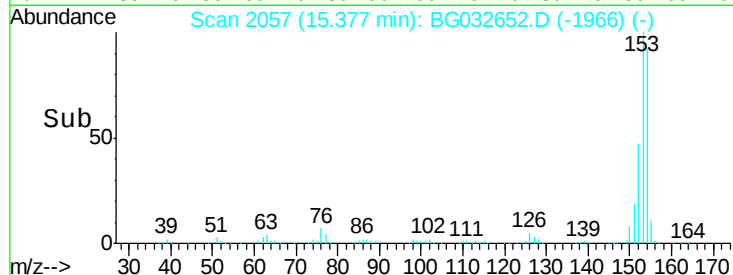
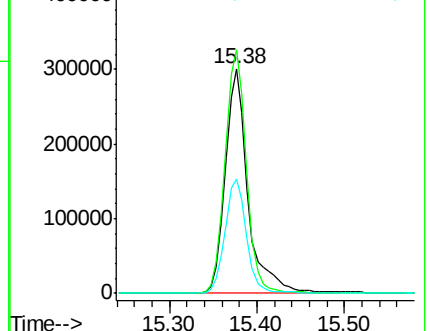
152 50.6 41.6 62.4



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: 89.469 ng

RT: 15.21 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

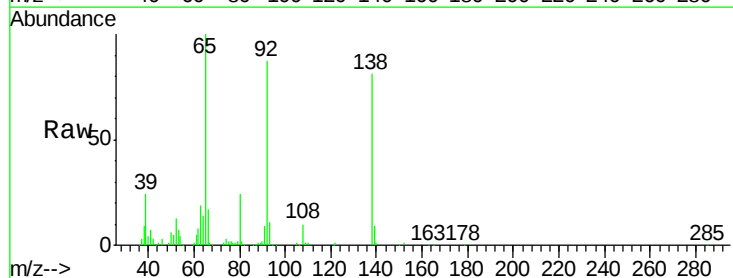
Tgt Ion:138 Resp: 130706

Ion Ratio Lower Upper

138 100

108 11.9 17.5 26.3#

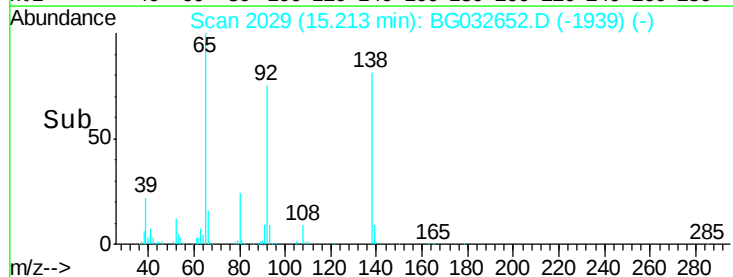
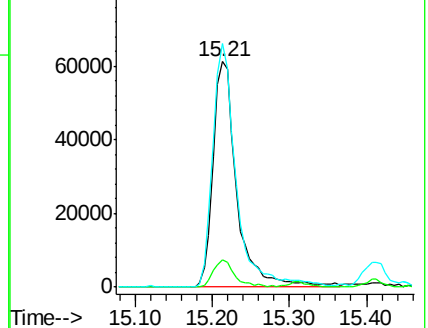
92 108.1 105.8 158.8

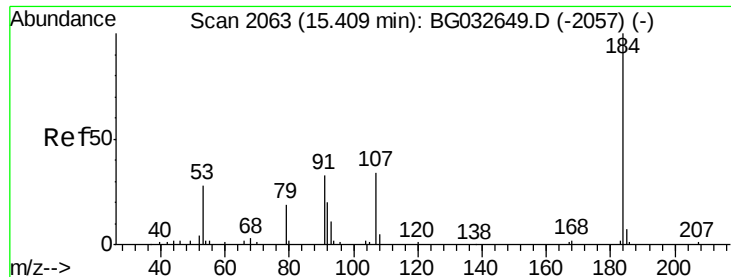


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

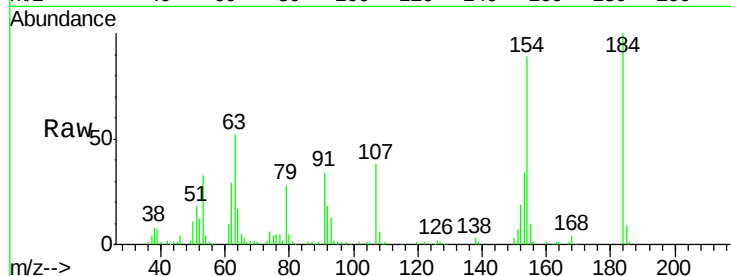




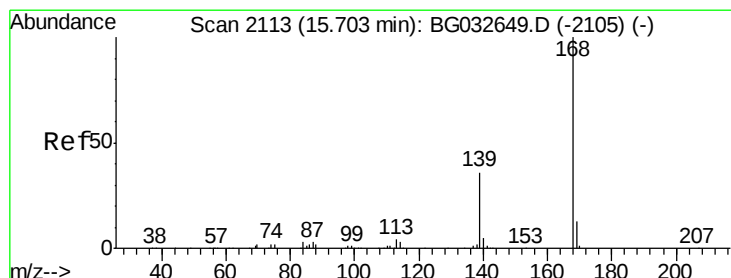
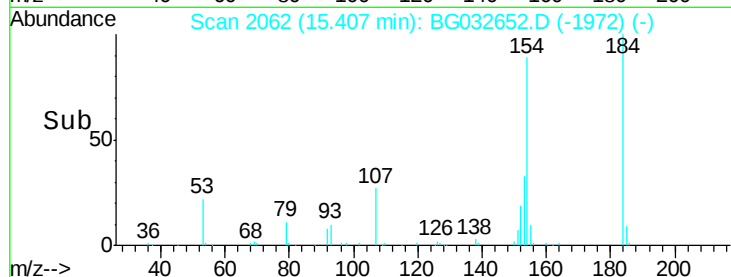
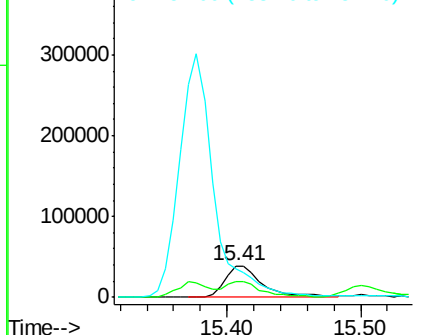
#53
 2,4-Dinitrophenol
 Concen: 122.012 ng
 RT: 15.41 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG032652.D
 Acq: 12 Feb 2018 16:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 77598
 Ion Ratio Lower Upper
 184 100
 63 51.8 59.8 89.8#
 154 89.3 101.8 152.8#

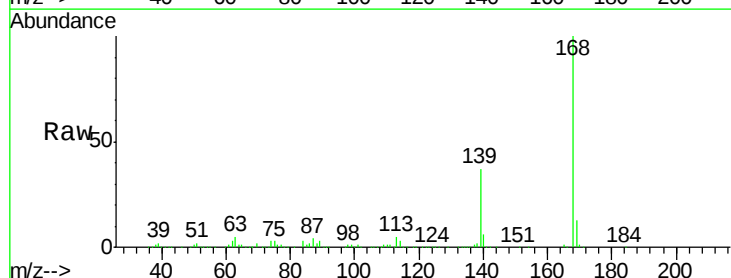


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

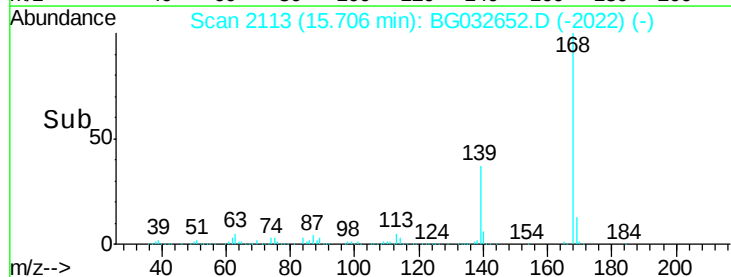
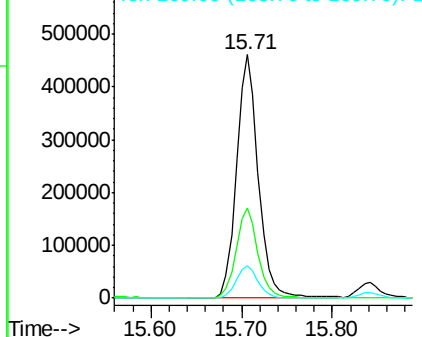


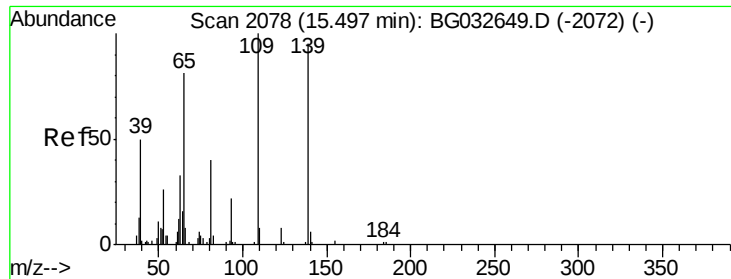
#54
 Dibenzofuran
 Concen: 79.367 ng
 RT: 15.71 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG032652.D
 Acq: 12 Feb 2018 16:29

Tgt Ion:168 Resp: 771674
 Ion Ratio Lower Upper
 168 100
 139 37.0 28.6 43.0
 169 13.5 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

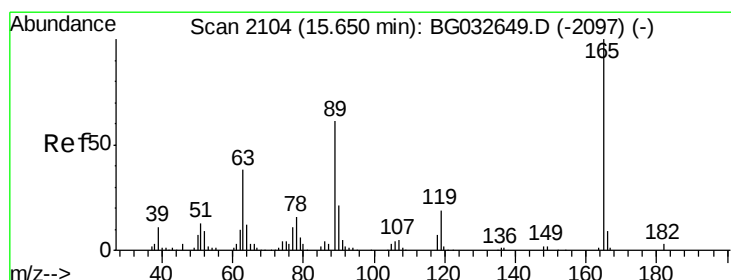
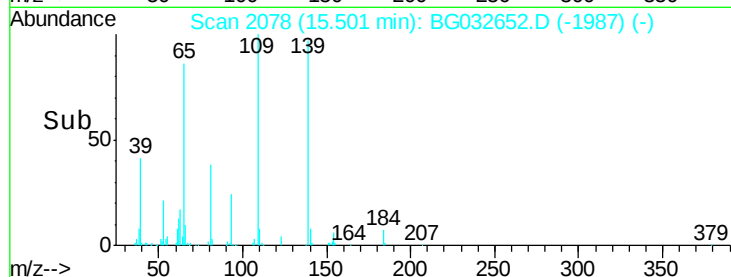
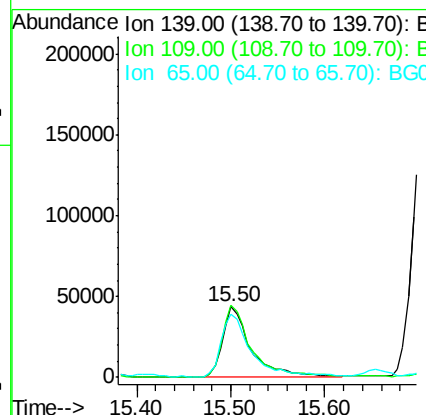
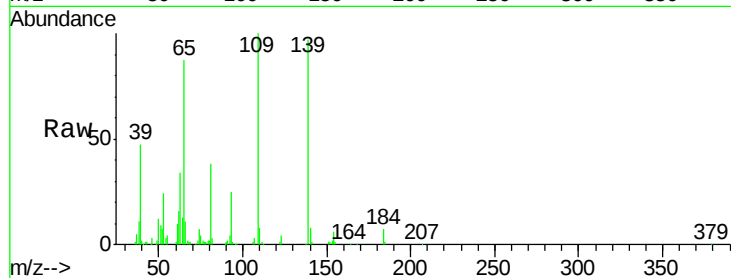




#55
4-Nitrophenol
Concen: 93.526 ng
RT: 15.50 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

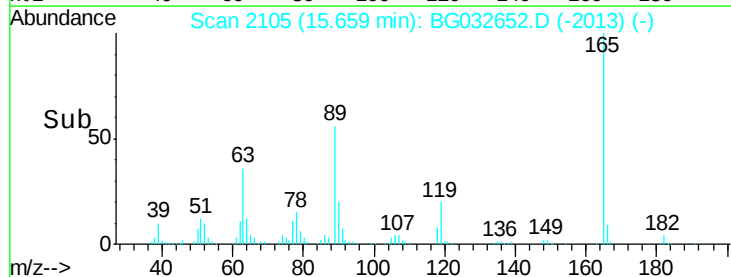
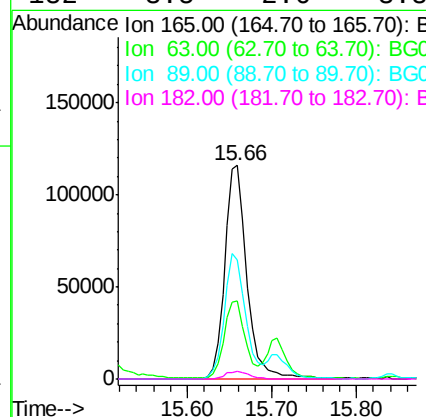
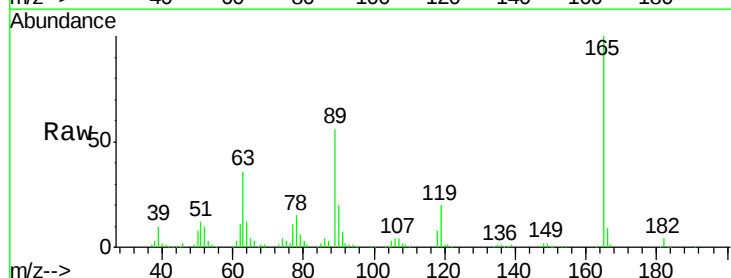
Instrument :
BNA_G
ClientSampleId :

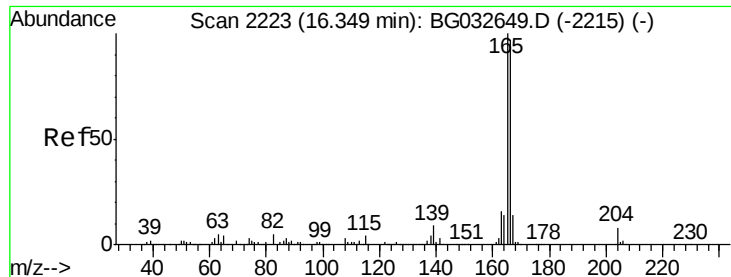
Tot Ion:139 Resp: 92673
Ion Ratio Lower Upper
139 100
109 103.2 62.2 102.2#
65 90.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 87.355 ng
RT: 15.66 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion:165 Resp: 211038
Ion Ratio Lower Upper
165 100
63 36.4 42.0 63.0#
89 55.5 66.9 100.3#
182 3.5 2.6 3.8





#57

Fluorene

Concen: 79.007 ng

RT: 16.35 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

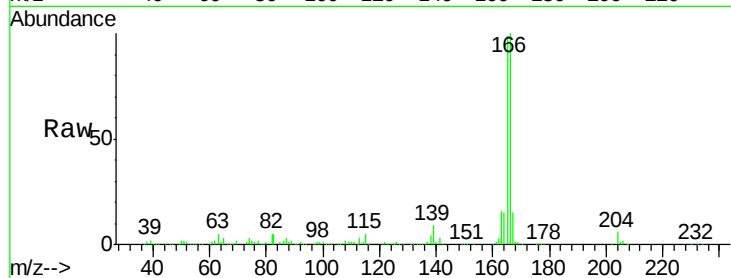
Instrument :

BNA_G

ClientSampleId :

Tot Ion:166 Resp: 632139

Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.6	121.0
167	14.6	10.4	15.6

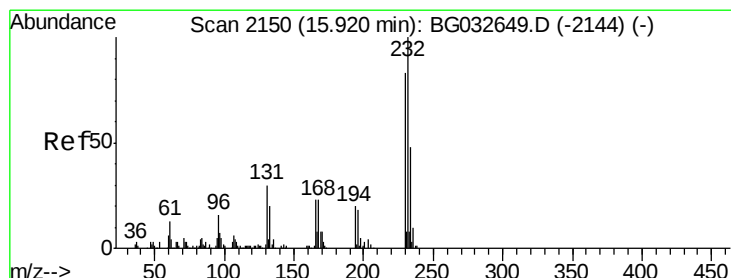
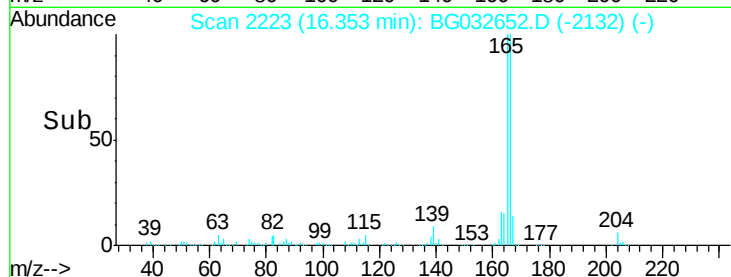
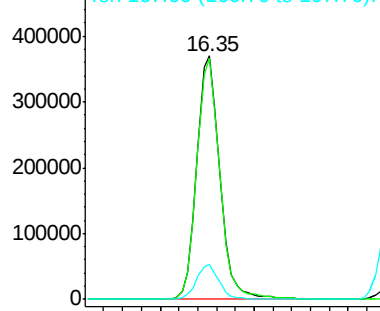


Abundance

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: 83.926 ng

RT: 15.92 min Scan# 2150

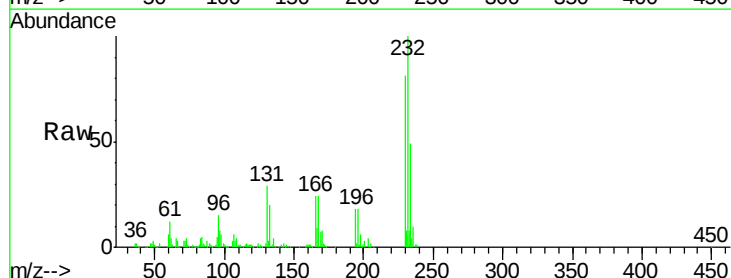
Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Tgt Ion:232 Resp: 230014

Ion	Ratio	Lower	Upper
232	100		
131	29.7	33.5	50.3#
130	2.1	2.2	3.2#
166	23.9	24.8	37.2#



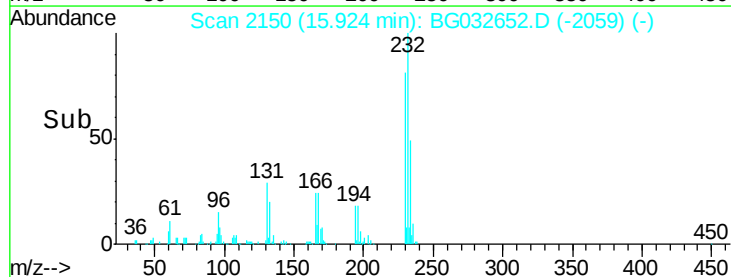
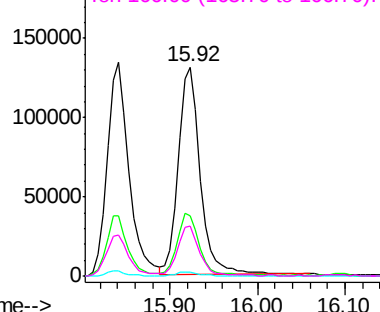
Abundance

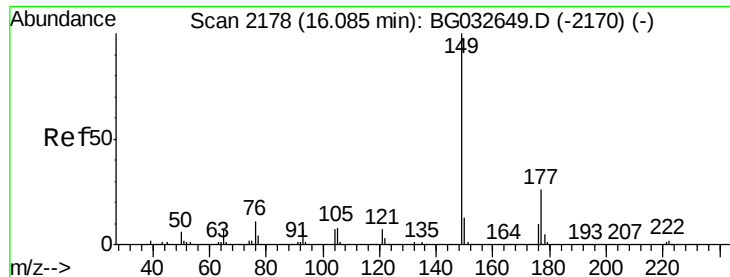
Ion 232.00 (231.70 to 232.70): E

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

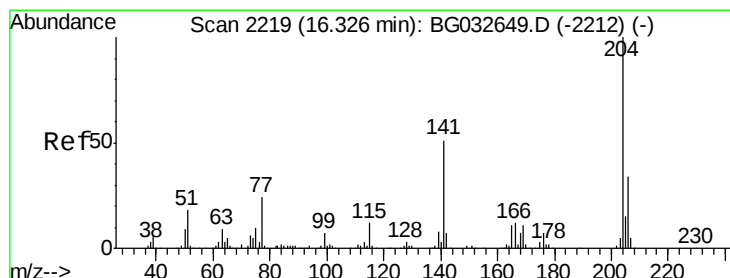
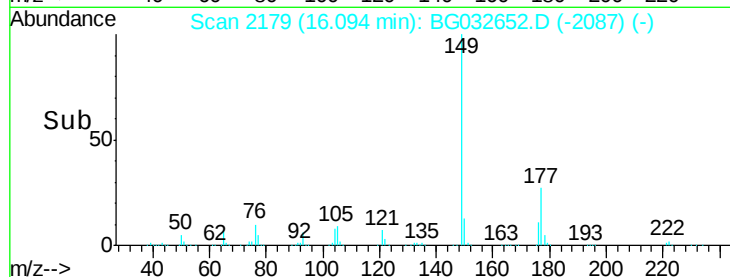
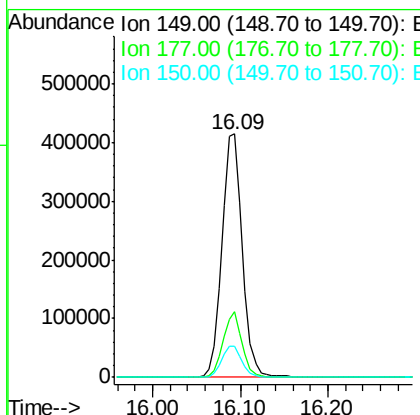
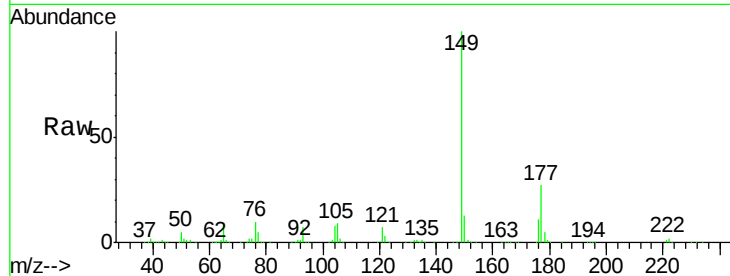




#59
Diethylphthalate
Concen: 79.540 ng
RT: 16.09 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

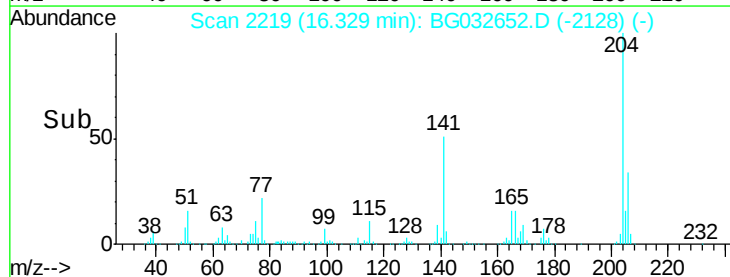
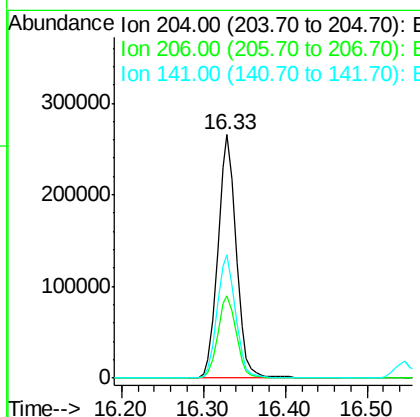
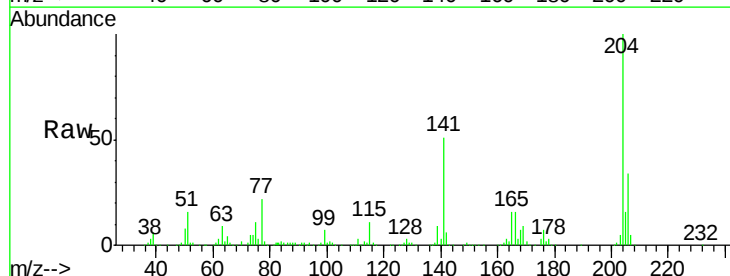
Instrument :
BNA_G
ClientSampled :

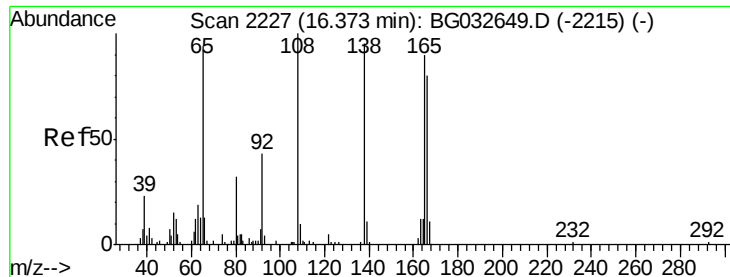
Tot Ion:149 Resp: 668094
Ion Ratio Lower Upper
149 100
177 26.8 18.5 27.7
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 78.829 ng
RT: 16.33 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion:204 Resp: 416561
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 50.7 45.8 68.6

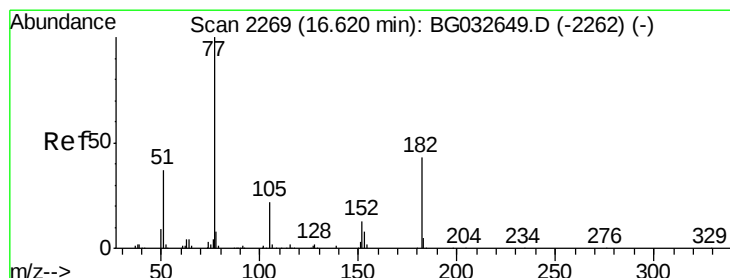
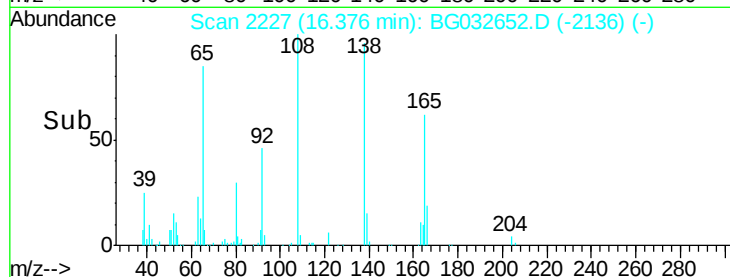
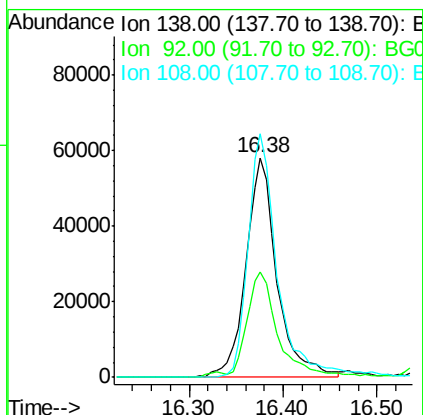
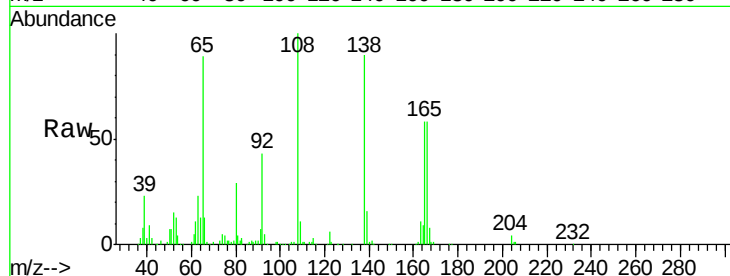




#61
4-Nitroaniline
Concen: 89.467 ng
RT: 16.38 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

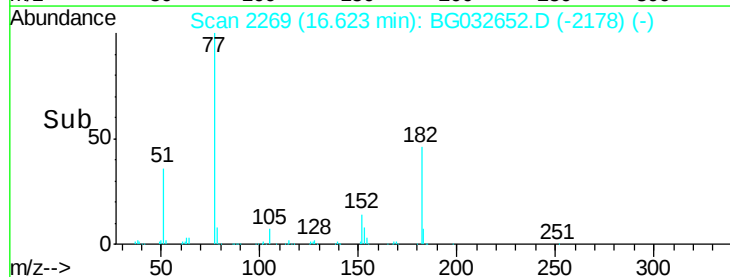
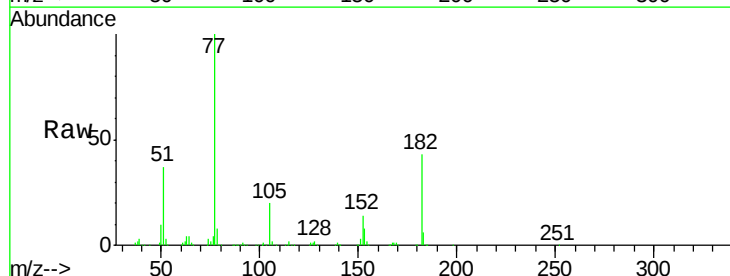
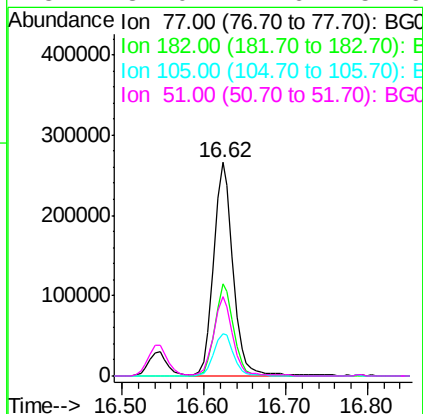
Instrument :
BNA_G
ClientSampleId :

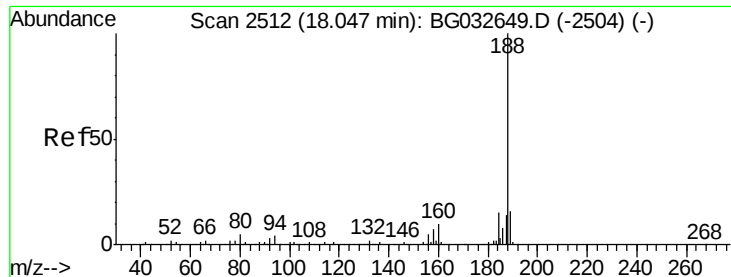
Tot Ion:138 Resp: 132705
Ion Ratio Lower Upper
138 100
92 48.2 40.1 80.1
108 110.9 65.4 105.4#



#62
Azobenzene
Concen: 81.381 ng
RT: 16.62 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion: 77 Resp: 437731
Ion Ratio Lower Upper
77 100
182 43.4 7.4 47.4
105 20.0 0.3 40.3
51 37.0 11.6 51.6

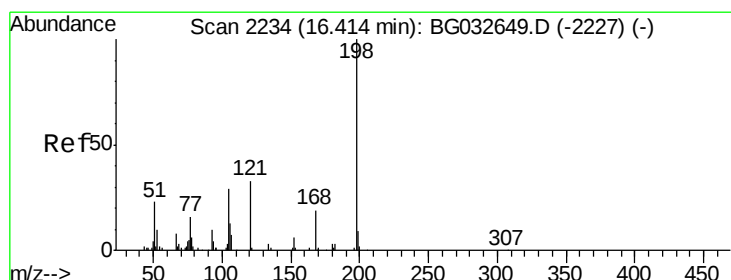
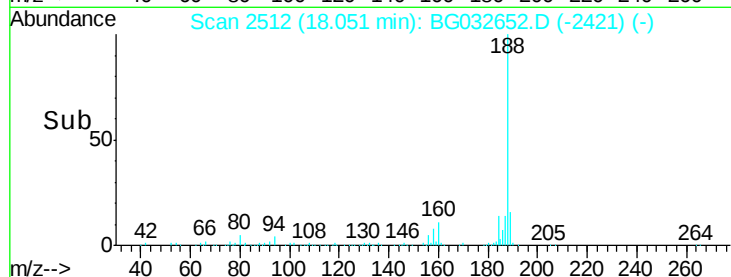
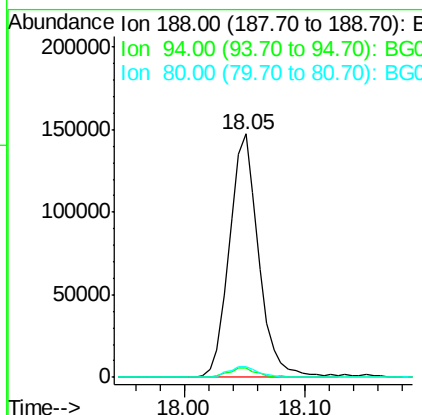
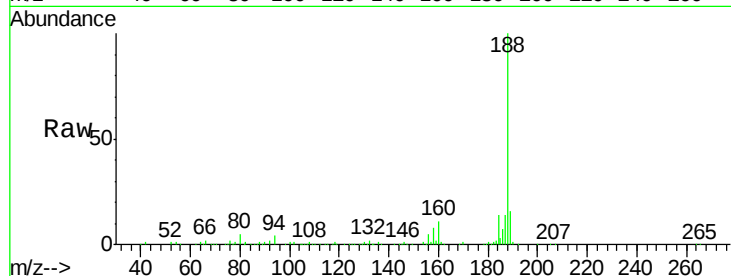




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.05 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

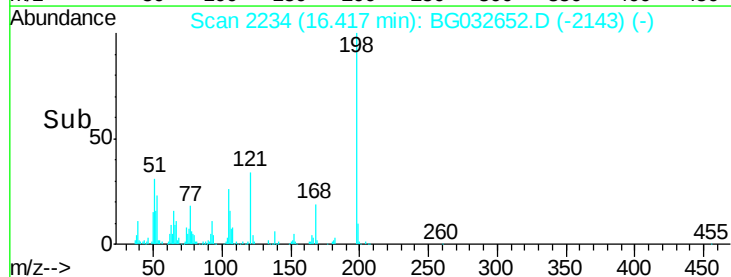
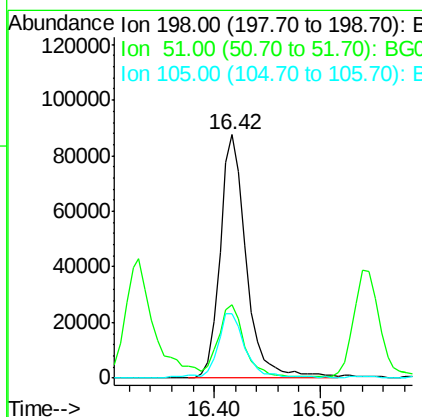
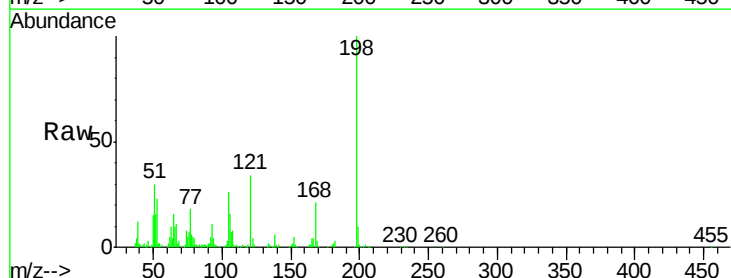
Instrument :
BNA_G
ClientSampleId :

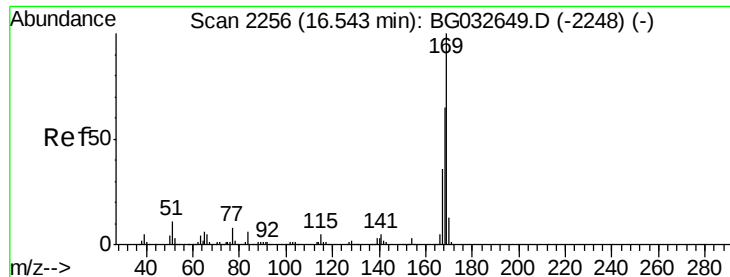
Tot Ion:188 Resp: 248386
Ion Ratio Lower Upper
188 100
94 3.9 6.9 10.3#
80 4.5 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 92.971 ng
RT: 16.42 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion:198 Resp: 151079
Ion Ratio Lower Upper
198 100
51 30.4 30.6 70.6#
105 26.2 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 79.932 ng

RT: 16.55 min Scan# 2256

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

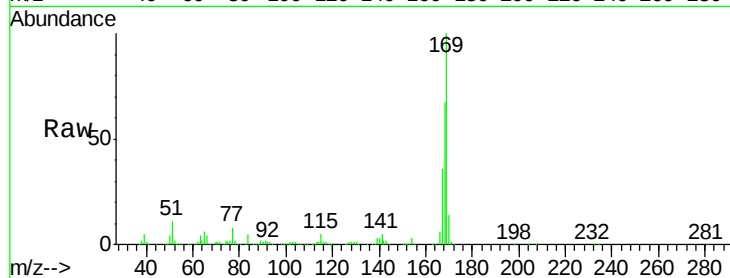
Tot Ion:169 Resp: 582350

Ion Ratio Lower Upper

169 100

168 67.1 55.7 83.5

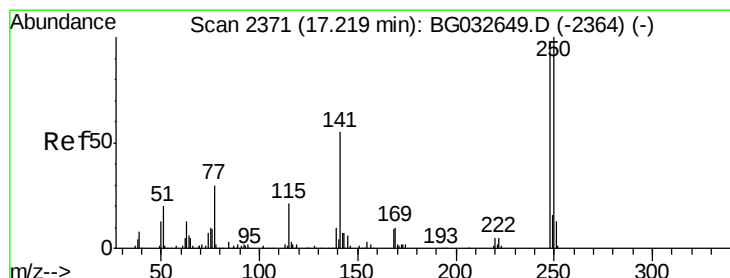
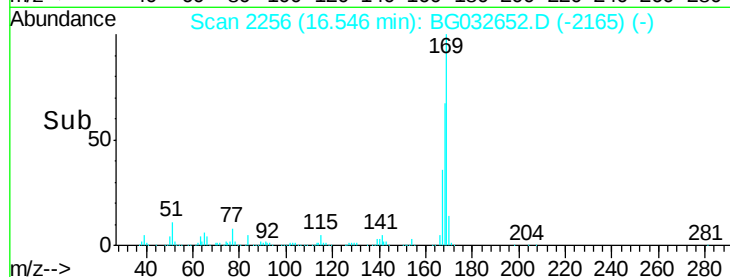
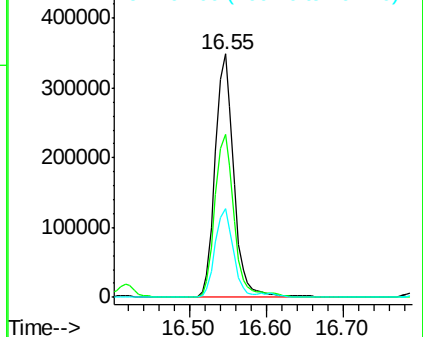
167 36.2 30.1 45.1



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: 81.828 ng

RT: 17.22 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

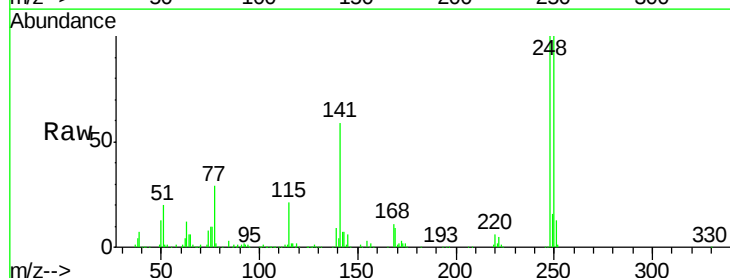
Tgt Ion:248 Resp: 289932

Ion Ratio Lower Upper

248 100

250 100.2 77.1 115.7

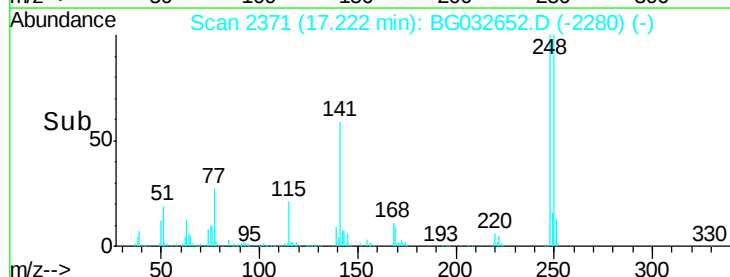
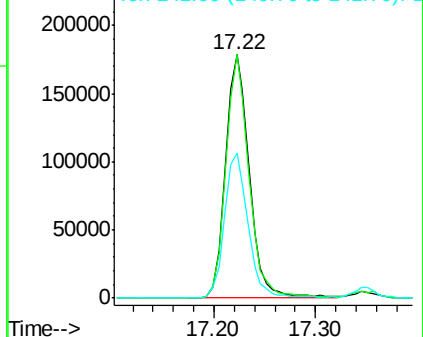
141 59.5 50.8 76.2

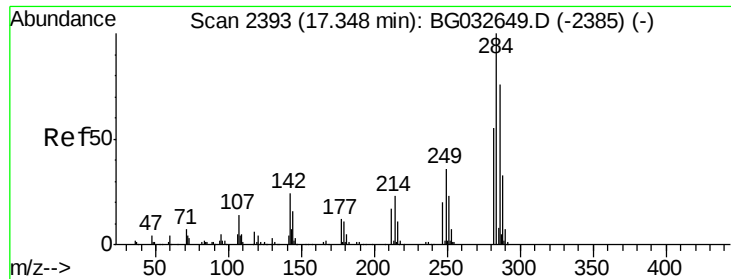


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 78.640 ng

RT: 17.35 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

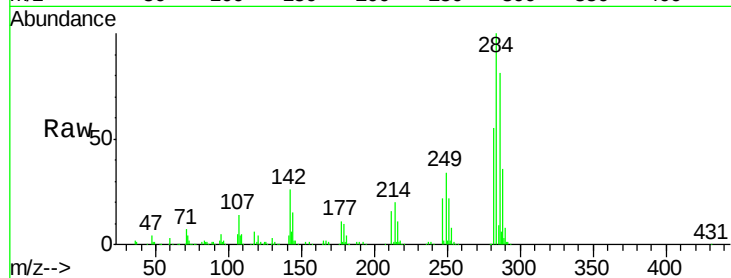
Tot Ion:284 Resp: 300976

Ion Ratio Lower Upper

284 100

142 25.6 26.8 40.2#

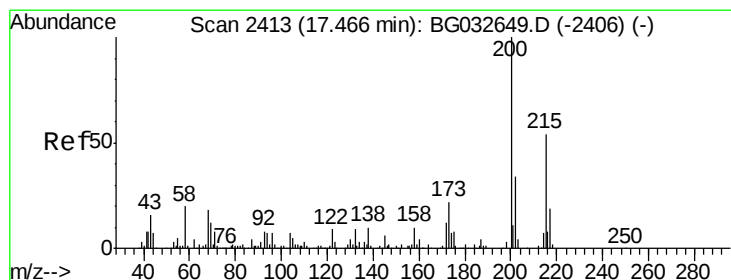
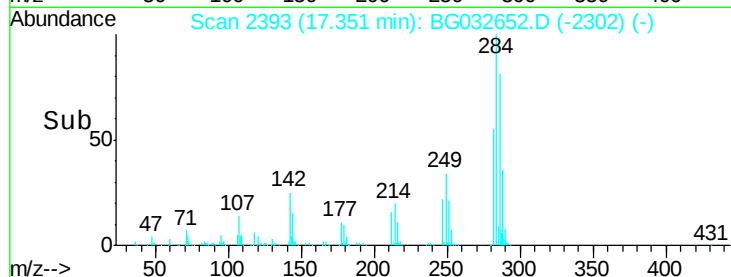
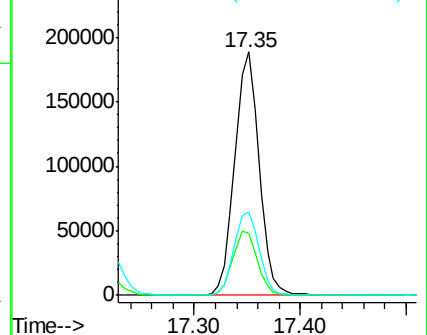
249 34.5 26.3 39.5



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: 79.390 ng

RT: 17.47 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

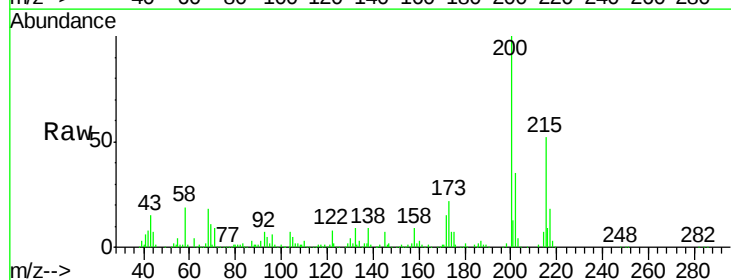
Tgt Ion:200 Resp: 248325

Ion Ratio Lower Upper

200 100

173 22.4 5.2 45.2

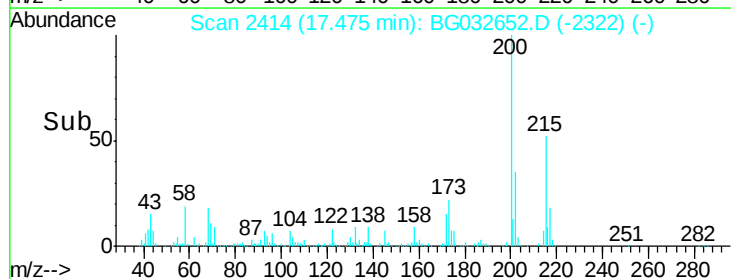
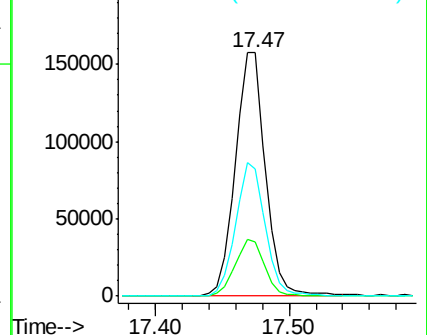
215 52.3 30.4 70.4

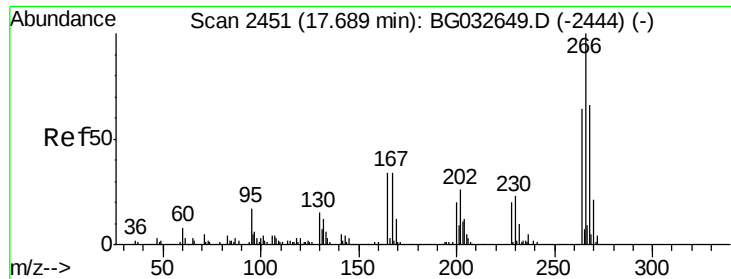


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

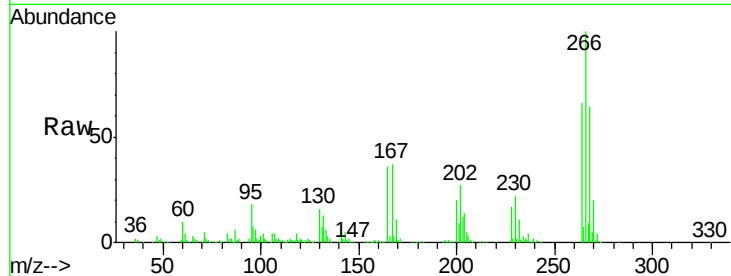




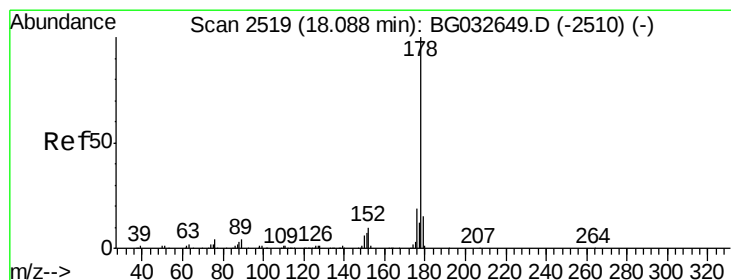
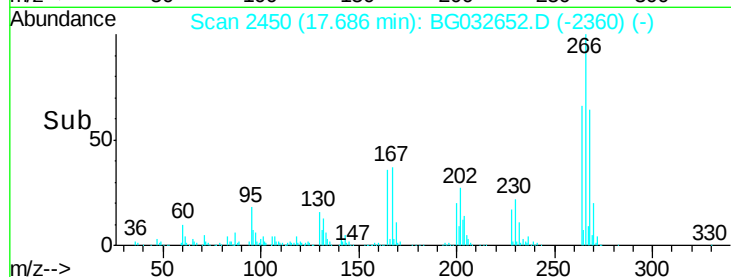
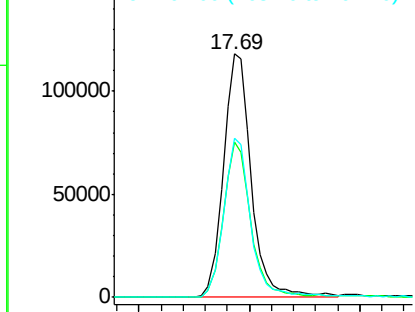
#69
 Pentachlorophenol
 Concen: 91.159 ng
 RT: 17.69 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BG032652.D
 Acq: 12 Feb 2018 16:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	65.6	49.6	74.4

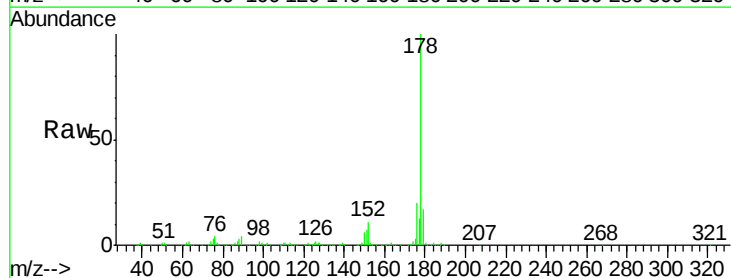


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

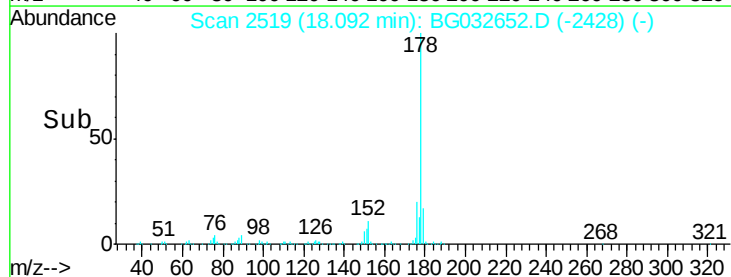
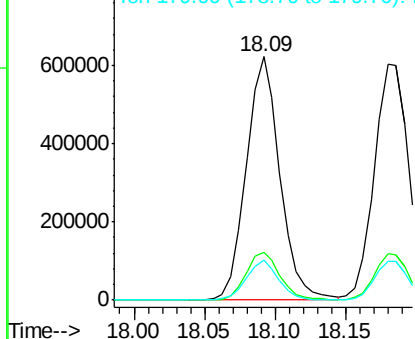


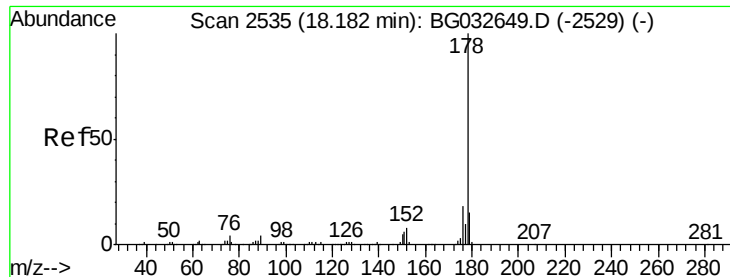
#70
 Phenanthrene
 Concen: 77.695 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG032652.D
 Acq: 12 Feb 2018 16:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	16.5	12.5	18.7



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

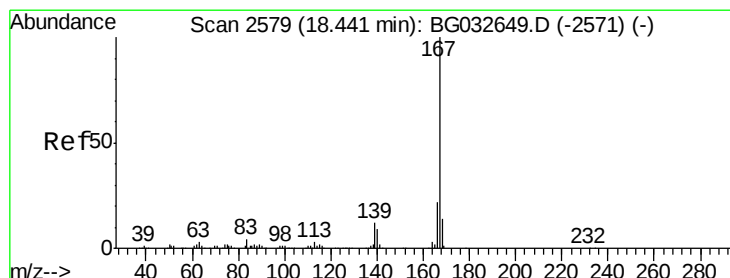
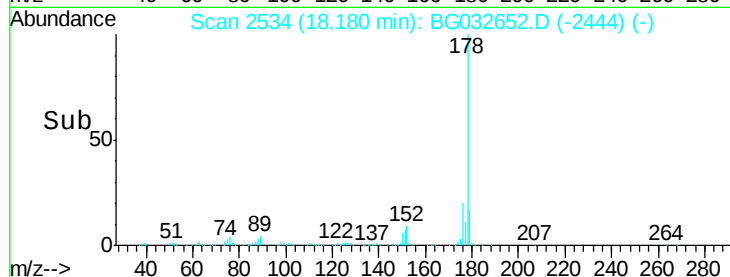
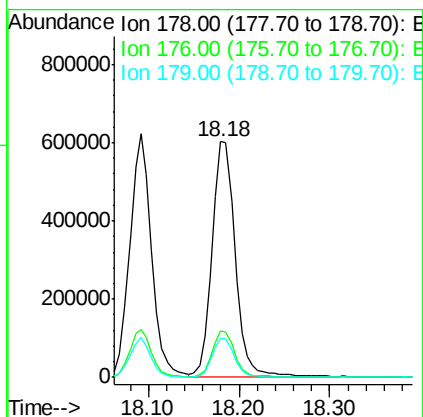
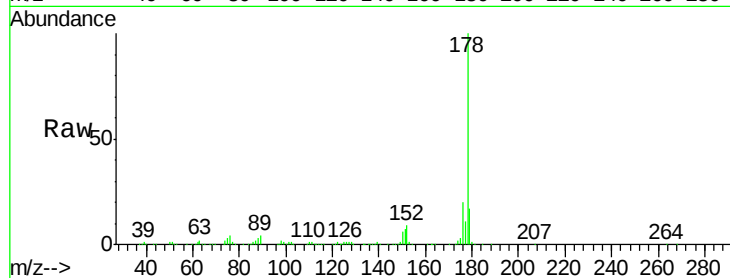




#71
 Anthracene
 Concen: 77.714 ng
 RT: 18.18 min Scan# 2534
 Delta R.T. -0.00 min
 Lab File: BG032652.D
 Acq: 12 Feb 2018 16:29

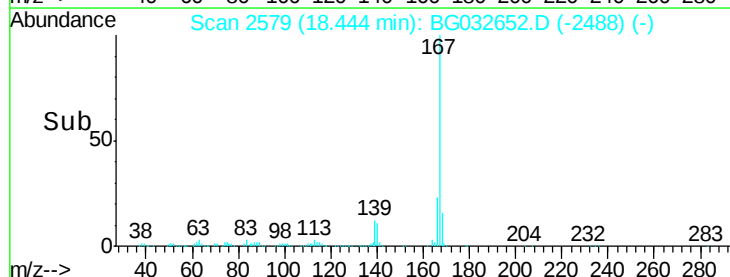
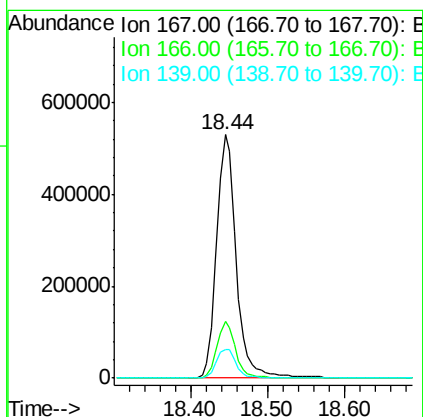
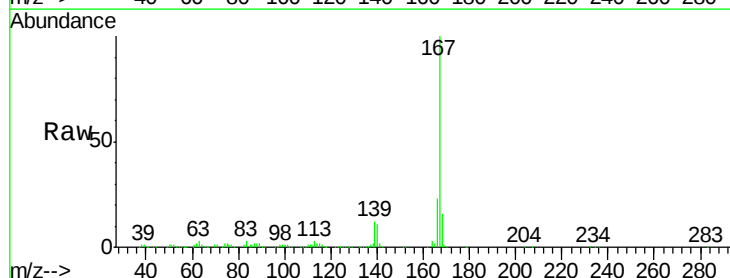
Instrument :
 BNA_G
 ClientSampleId :

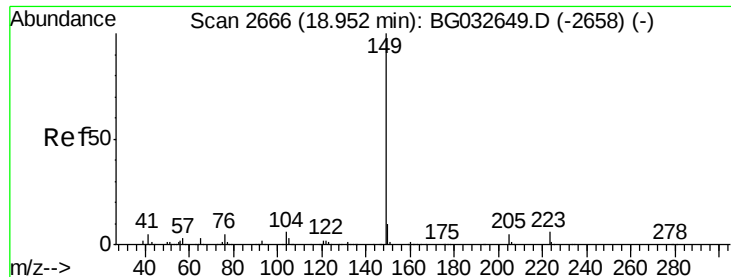
Tot Ion:178 Resp: 1065330
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 79.837 ng
 RT: 18.44 min Scan# 2579
 Delta R.T. 0.00 min
 Lab File: BG032652.D
 Acq: 12 Feb 2018 16:29

Tgt Ion:167 Resp: 929602
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.2 27.4
 139 11.9 9.4 14.2

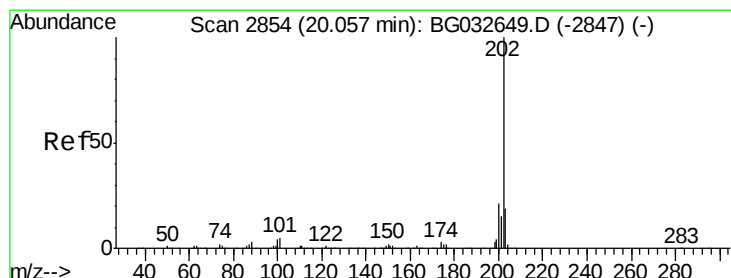
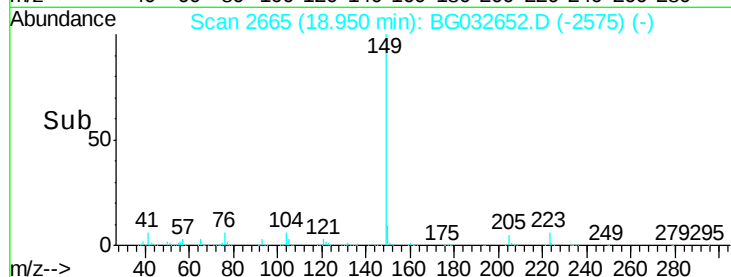
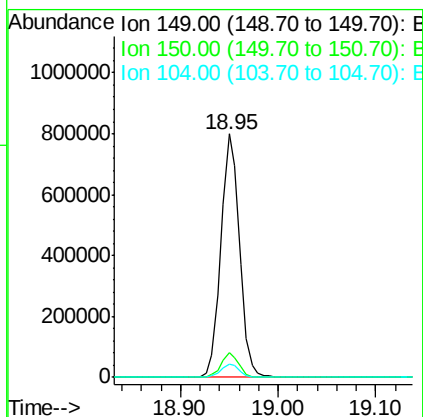
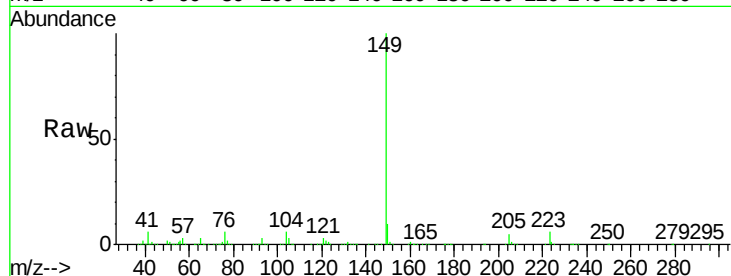




#73
Di-n-butylphthalate
Concen: 80.784 ng
RT: 18.95 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

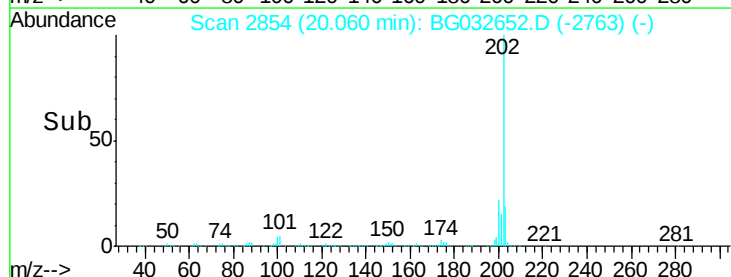
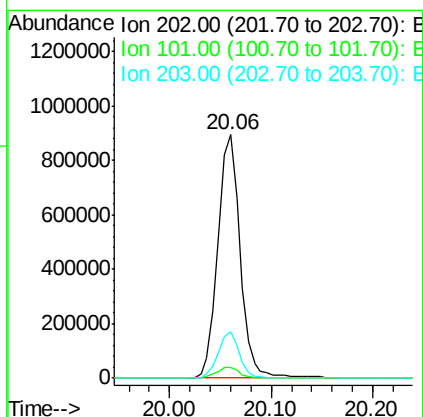
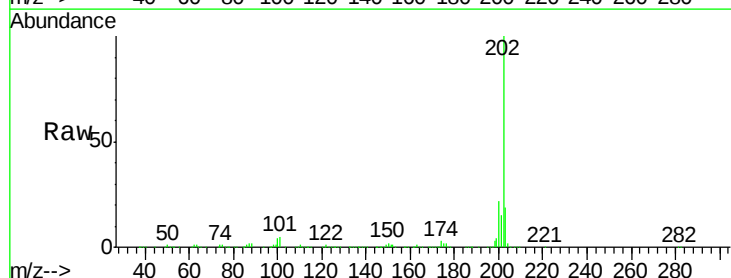
Instrument :
BNA_G
ClientSampleID :

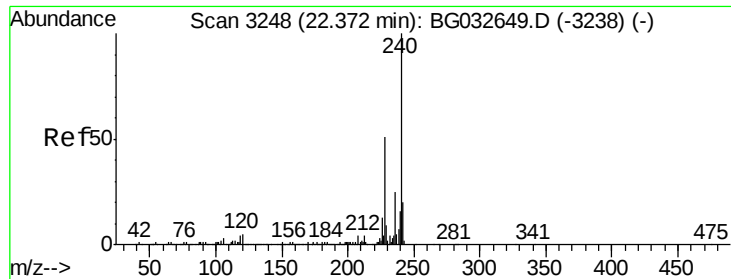
Tot Ion:149 Resp: 1057298
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 5.6 3.9 5.9



#74
Fluoranthene
Concen: 76.497 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion:202 Resp: 1371204
Ion Ratio Lower Upper
202 100
101 4.5 0.0 28.9
203 18.9 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.37 min Scan# 3248

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

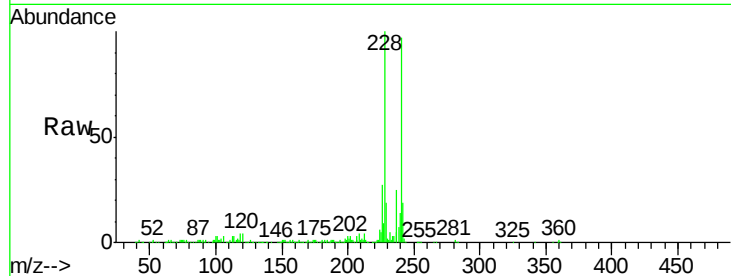
Tot Ion:240 Resp: 300589

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

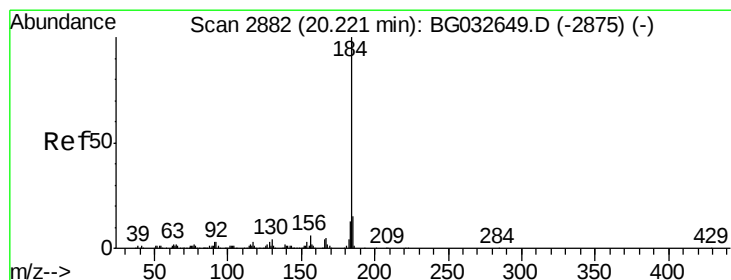
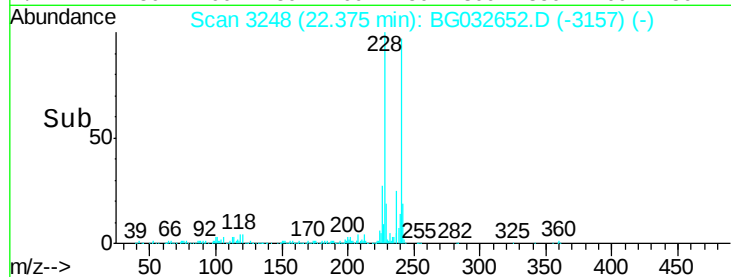
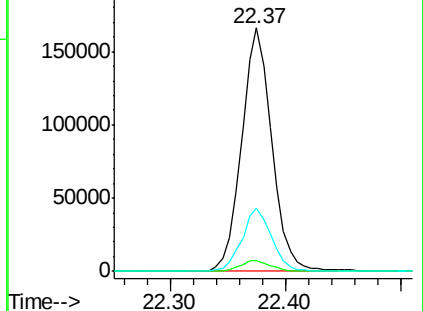
236 25.8 20.9 31.3



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: 79.447 ng

RT: 20.22 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

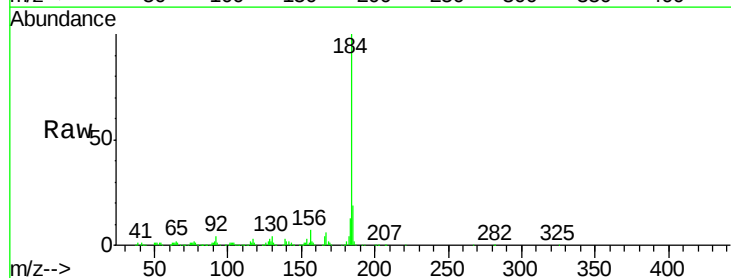
Tgt Ion:184 Resp: 562889

Ion Ratio Lower Upper

184 100

185 18.6 11.1 16.7#

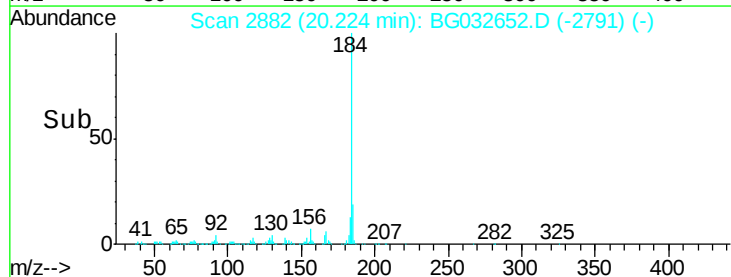
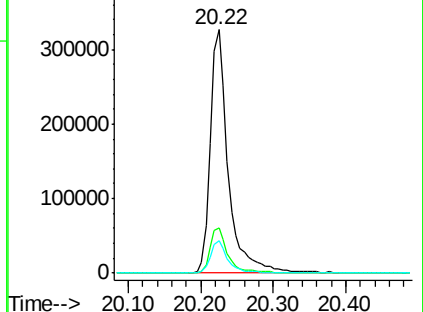
183 13.1 10.6 16.0

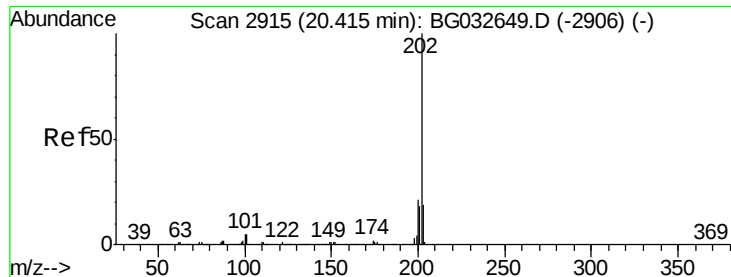


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 77.750 ng

RT: 20.42 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

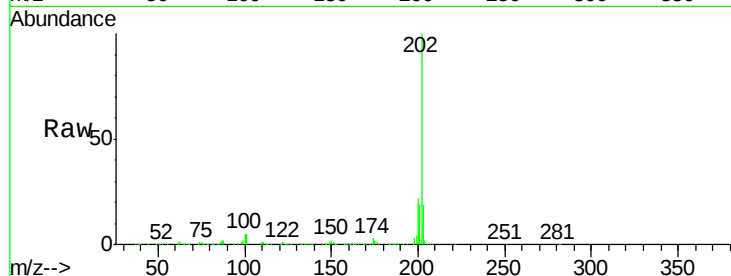
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1396003

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	19.1	13.9	20.9

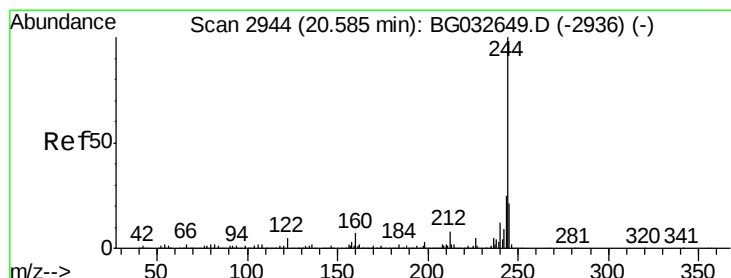
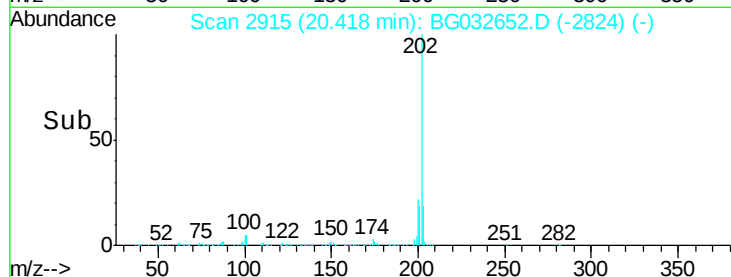
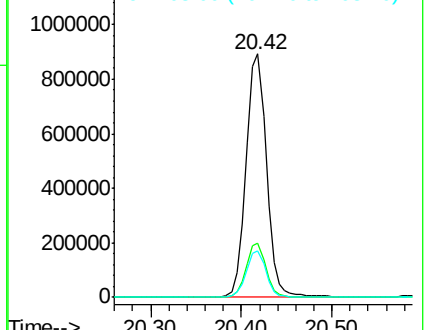


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.796 ng

RT: 20.59 min Scan# 2944

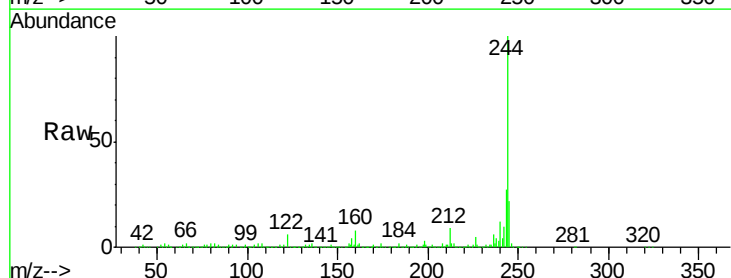
Delta R.T. 0.00 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Tgt Ion:244 Resp: 1945126

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	6.1	7.0	10.4#

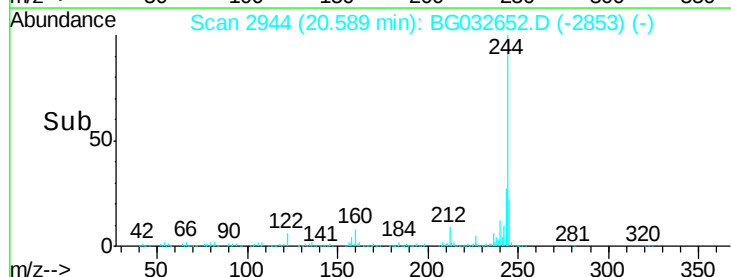
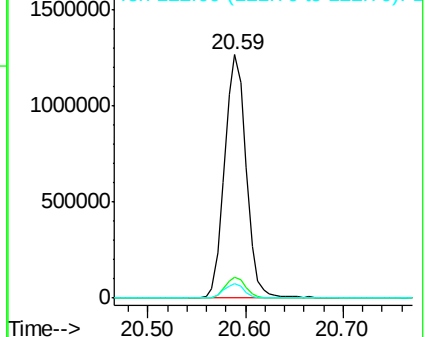


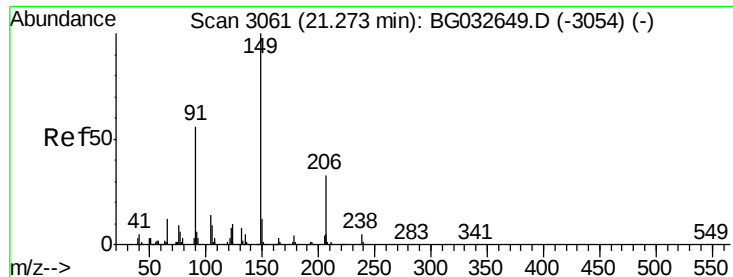
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

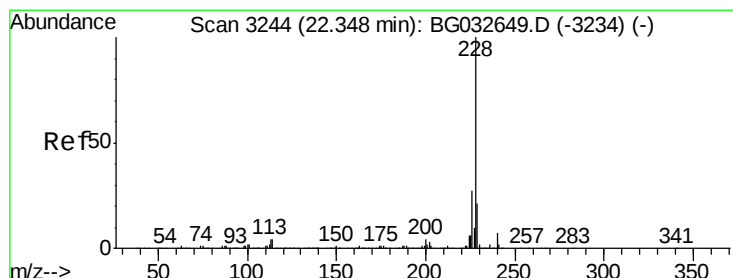
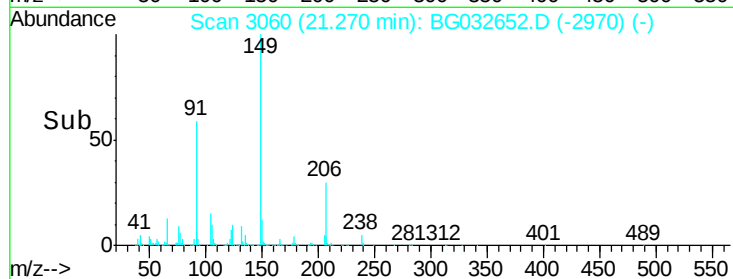
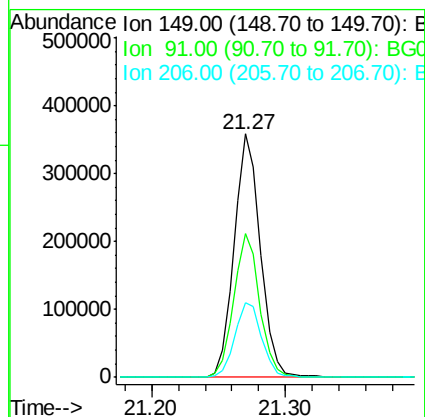
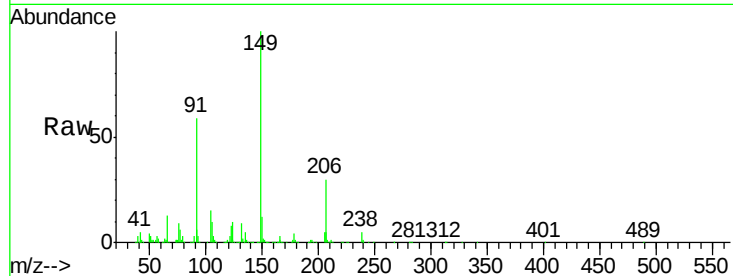




#79
Butylbenzylphthalate
Concen: 83.991 ng
RT: 21.27 min Scan# 3060
Delta R.T. -0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

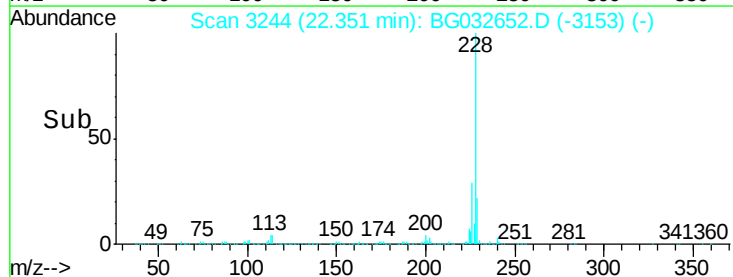
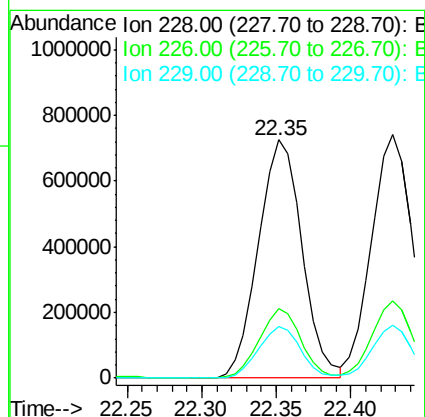
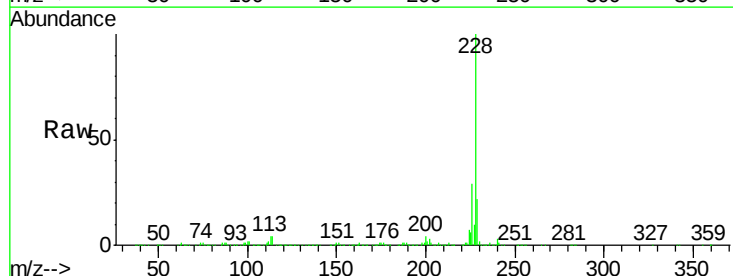
Instrument :
BNA_G
ClientSampleId :

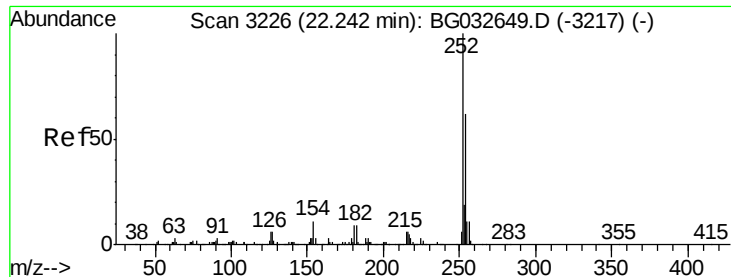
Tot Ion:149 Resp: 491283
Ion Ratio Lower Upper
149 100
91 59.1 62.2 93.2#
206 30.5 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 78.027 ng
RT: 22.35 min Scan# 3244
Delta R.T. 0.00 min
Lab File: BG032652.D
Acq: 12 Feb 2018 16:29

Tgt Ion:228 Resp: 1473684
Ion Ratio Lower Upper
228 100
226 29.3 22.7 34.1
229 21.6 16.2 24.2

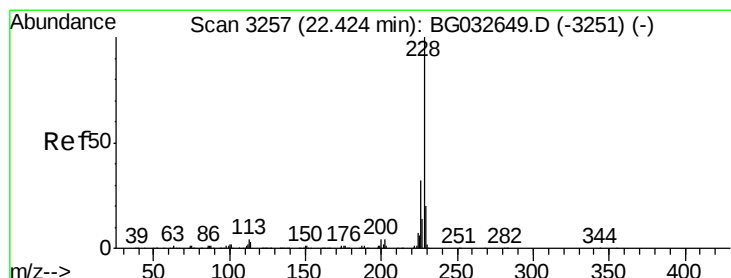
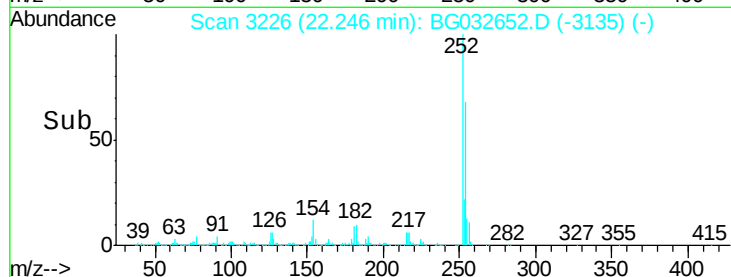
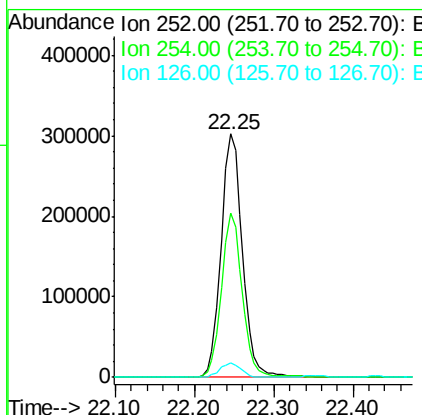
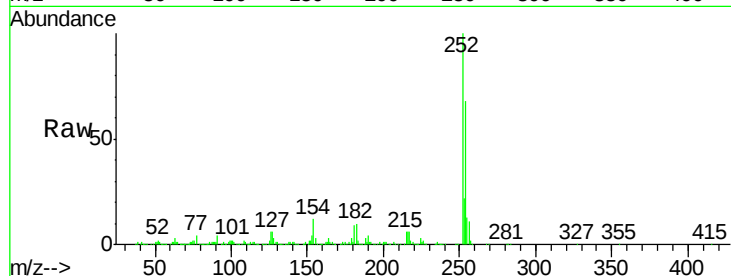




#81
 3,3'-Dichlorobenzidine
 Concen: 80.269 ng
 RT: 22.25 min Scan# 3226
 Delta R.T. 0.00 min
 Lab File: BG032652.D
 Acq: 12 Feb 2018 16:29

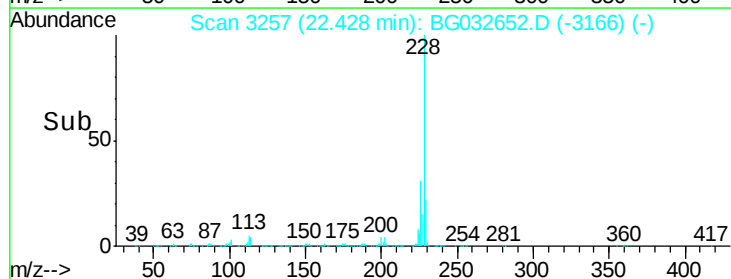
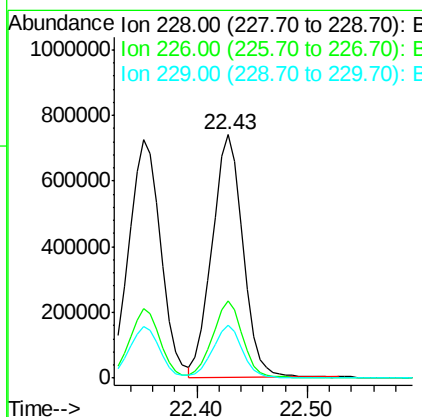
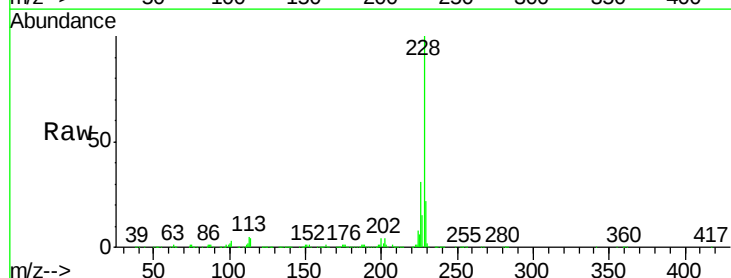
Instrument :
 BNA_G
 ClientSampleId :

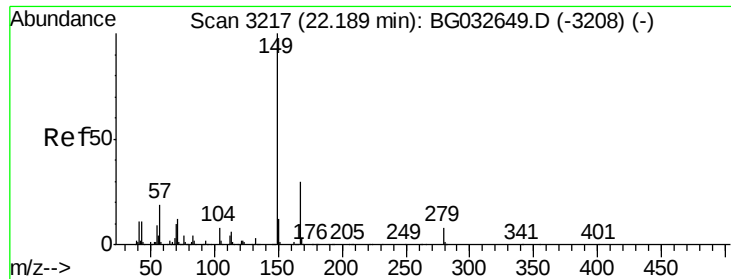
Tot Ion:252 Resp: 563909
 Ion Ratio Lower Upper
 252 100
 254 67.7 50.8 76.2
 126 5.9 7.4 11.2#



#82
 Chrysene
 Concen: 76.562 ng
 RT: 22.43 min Scan# 3257
 Delta R.T. 0.00 min
 Lab File: BG032652.D
 Acq: 12 Feb 2018 16:29

Tgt Ion:228 Resp: 1429593
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 21.6 15.0 22.4

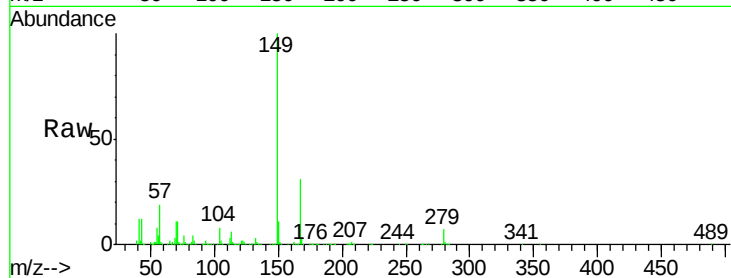




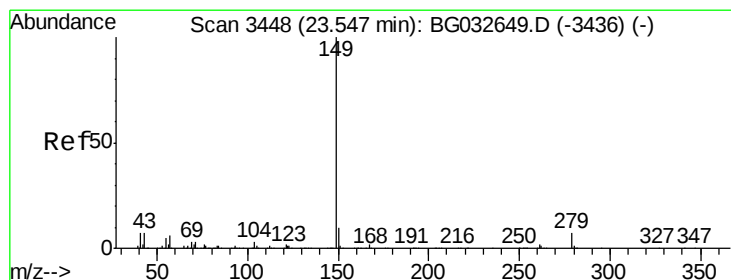
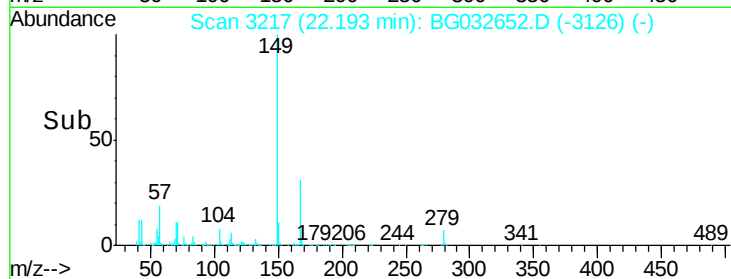
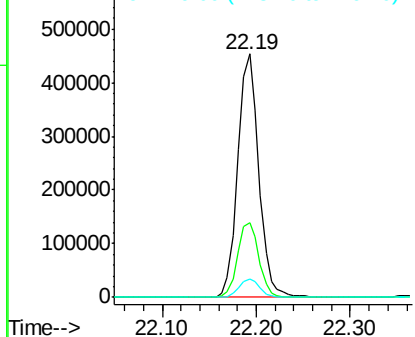
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 83.133 ng
 RT: 22.19 min Scan# 3217
 Delta R.T. 0.00 min
 Lab File: BG032652.D
 Acq: 12 Feb 2018 16:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.3	36.5
279	7.4	4.0	6.0

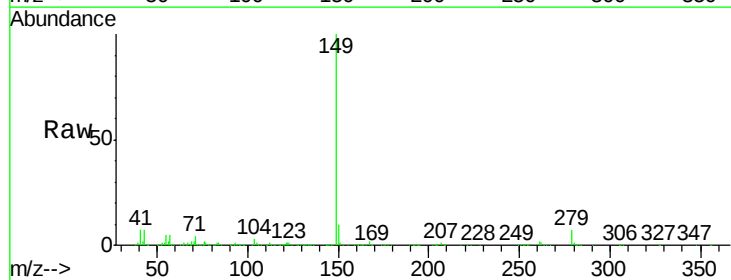


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

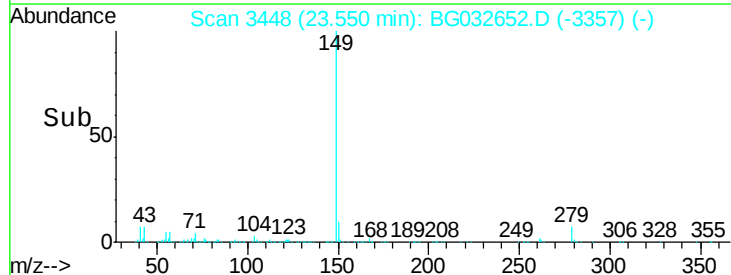
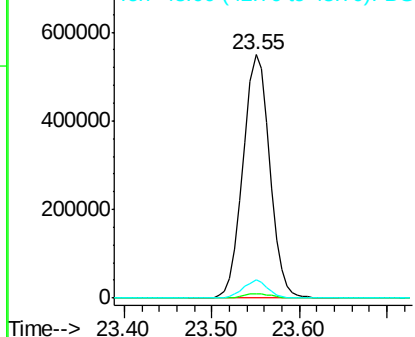


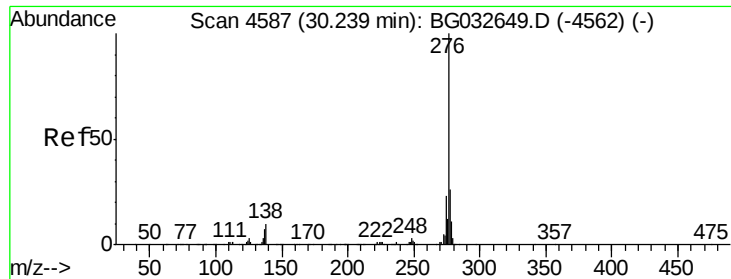
#84
 Di-n-octyl phthalate
 Concen: 85.498 ng
 RT: 23.55 min Scan# 3448
 Delta R.T. 0.00 min
 Lab File: BG032652.D
 Acq: 12 Feb 2018 16:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	6.9	8.9	13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG

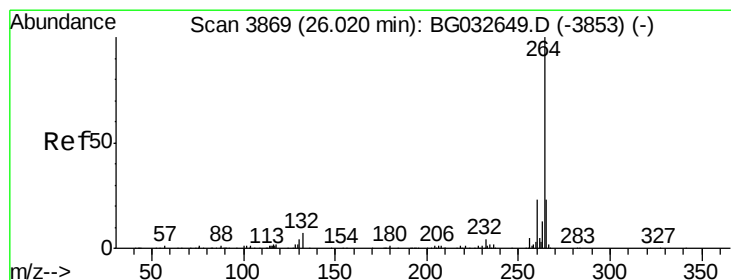
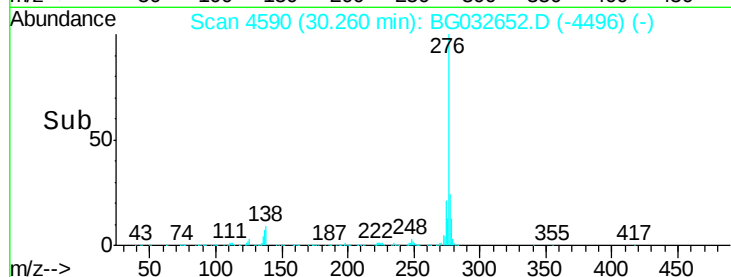
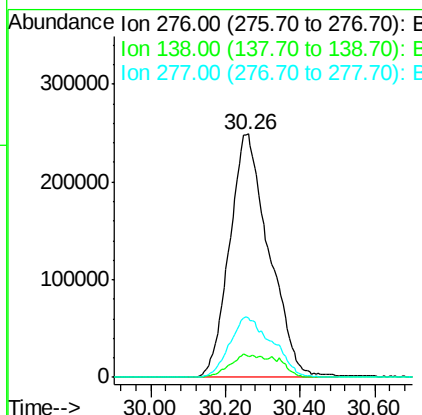
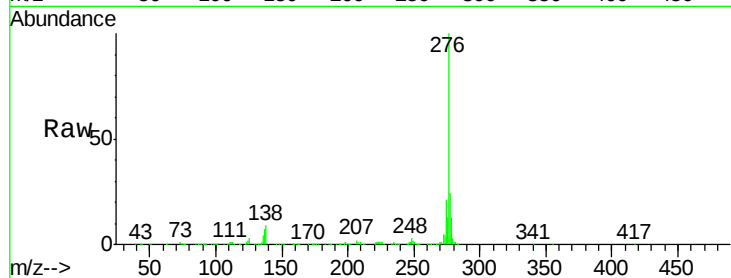




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 83.903 ng
 RT: 30.26 min Scan# 4590
 Delta R.T. 0.02 min
 Lab File: BG032652.D
 Acq: 12 Feb 2018 16:29

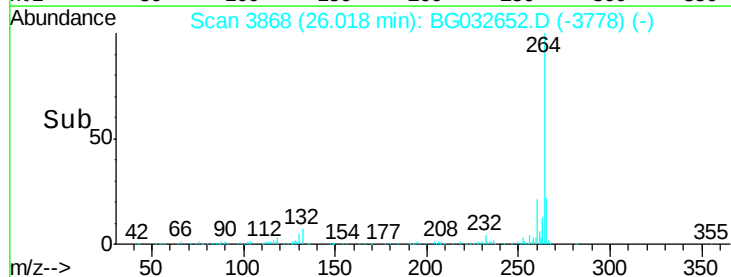
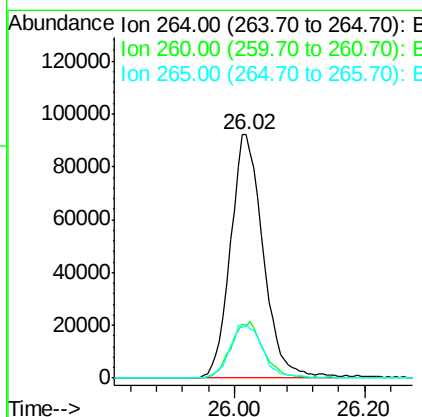
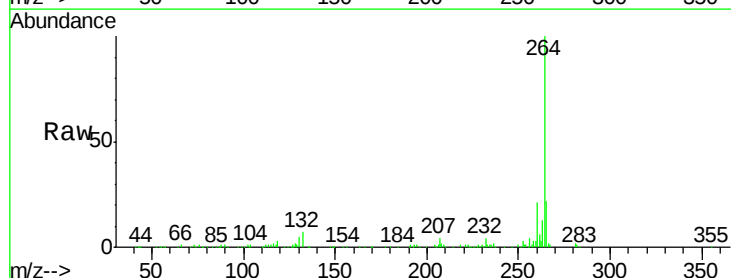
Instrument :
 BNA_G
 ClientSampleId :

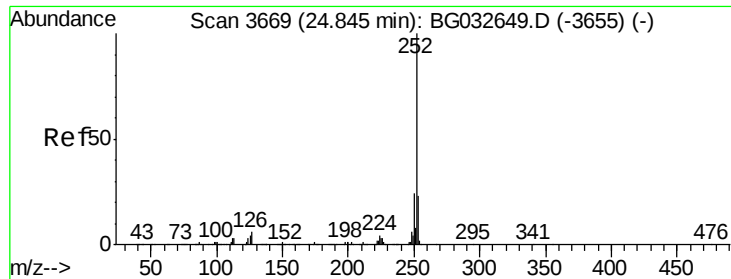
Tot Ion:276 Resp: 1831742
 Ion Ratio Lower Upper
 276 100
 138 4.9 16.0 24.0#
 277 26.7 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.02 min Scan# 3868
 Delta R.T. -0.00 min
 Lab File: BG032652.D
 Acq: 12 Feb 2018 16:29

Tgt Ion:264 Resp: 320394
 Ion Ratio Lower Upper
 264 100
 260 21.4 17.4 26.0
 265 22.0 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 82.531 ng

RT: 24.85 min Scan# 3670

Delta R.T. 0.01 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

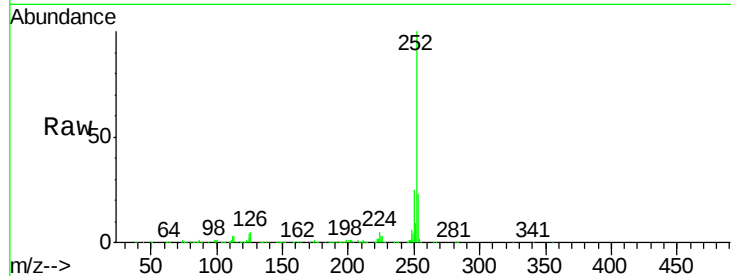
Tot Ion:252 Resp: 1568748

Ion Ratio Lower Upper

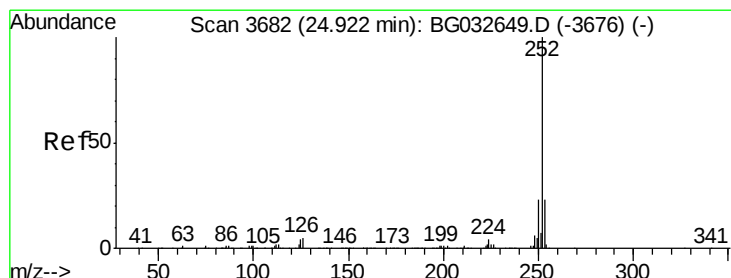
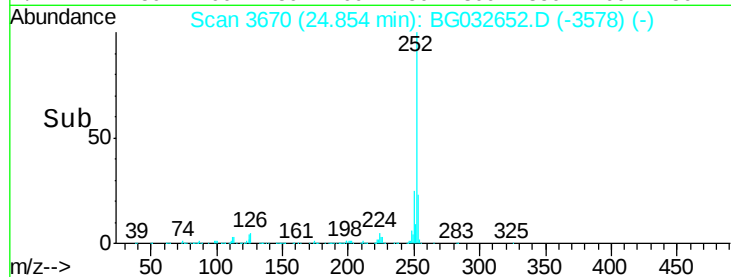
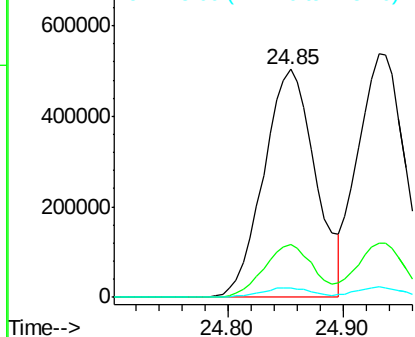
252 100

253 23.0 18.2 27.4

125 4.3 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: 77.736 ng

RT: 24.93 min Scan# 3683

Delta R.T. 0.01 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

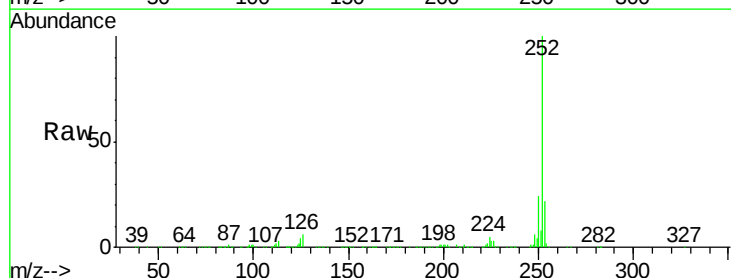
Tgt Ion:252 Resp: 1542354

Ion Ratio Lower Upper

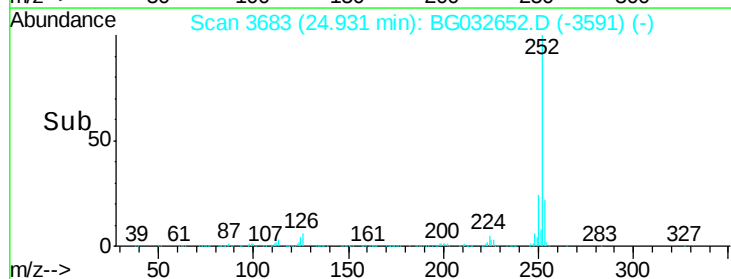
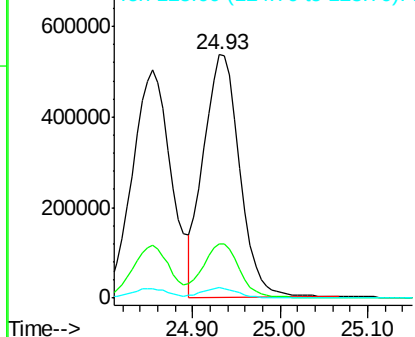
252 100

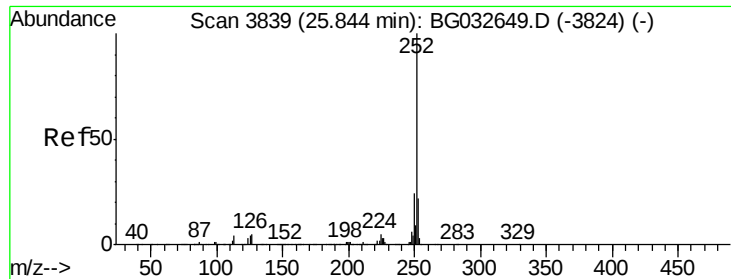
253 22.3 17.4 26.2

125 4.2 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: 81.536 ng

RT: 25.85 min Scan# 3840

Delta R.T. 0.01 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

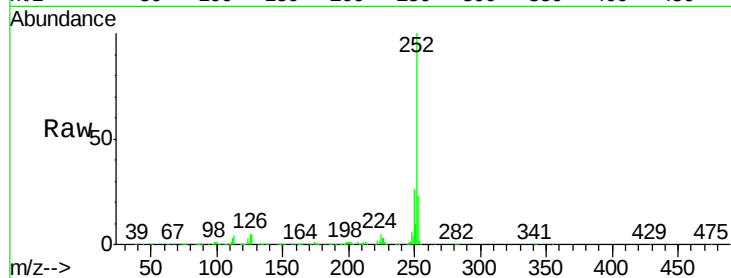
Tot Ion:252 Resp: 1512539

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

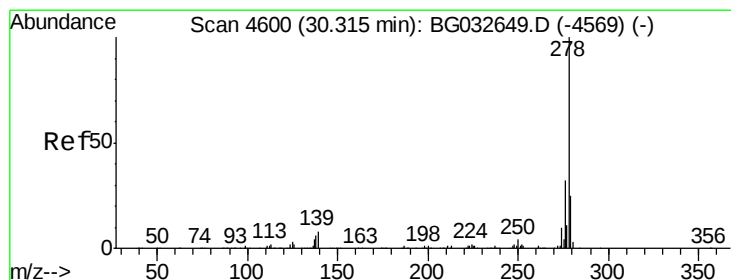
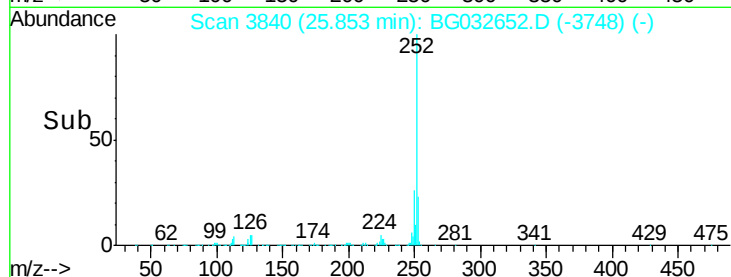
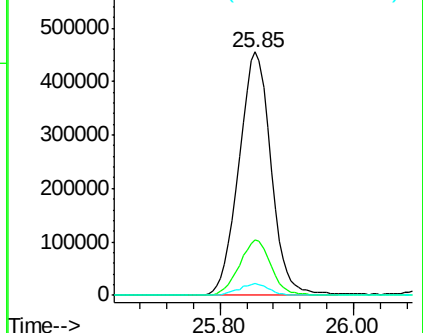
125 4.8 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 82.493 ng

RT: 30.34 min Scan# 4603

Delta R.T. 0.02 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

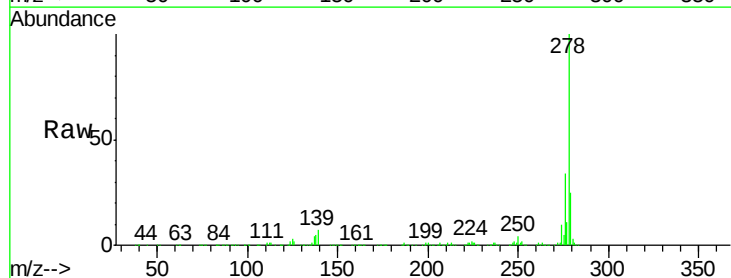
Tgt Ion:278 Resp: 1520879

Ion Ratio Lower Upper

278 100

139 7.4 9.8 14.6#

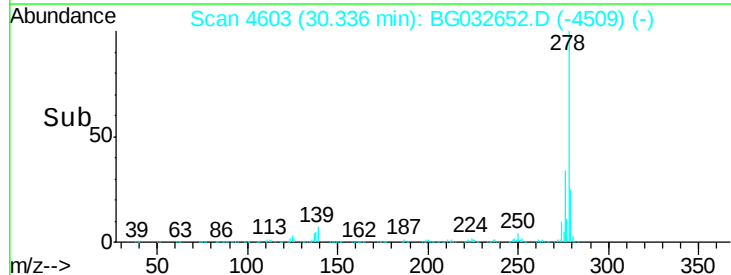
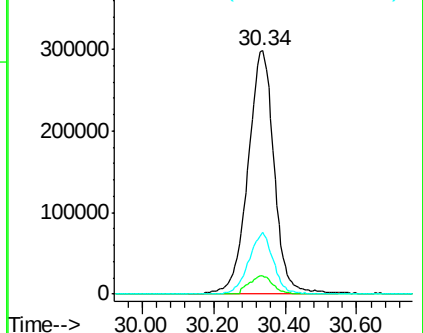
279 25.3 18.4 27.6

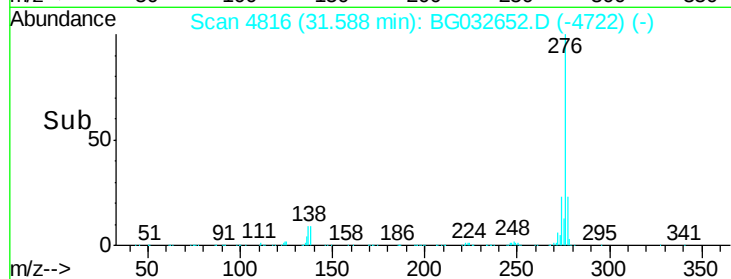
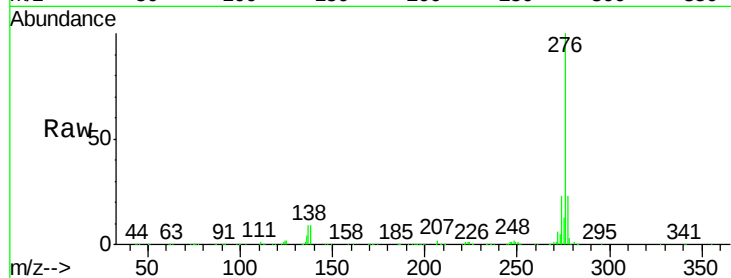
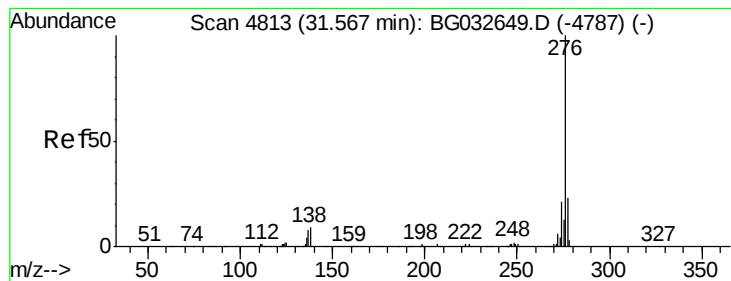


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 83.519 ng

RT: 31.59 min Scan# 4816

Delta R.T. 0.02 min

Lab File: BG032652.D

Acq: 12 Feb 2018 16:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1485782

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 9.5 13.9 20.9#

