

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032933.D
 Acq On : 2 Mar 2018 1:09
 Operator : SJ/JU
 Sample : PB106973BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 10:07:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	49811	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	229548	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	139764	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	325066	20.00	ng	0.00
75) Chrysene-d12	22.62	240	297741	20.00	ng	0.00
86) Perylene-d12	26.43	264	316805	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	422852	135.81	ng	0.00
7) Phenol-d6	8.01	99	564846	130.16	ng	0.00
23) Nitrobenzene-d5	10.12	82	315584	94.19	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	197206	134.19	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	743470	76.72	ng	0.00
78) Terphenyl-d14	20.78	244	1110589	83.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	53926	39.909	ng	90
3) Pyridine	4.42	79	149105	40.036	ng	98
4) n-Nitrosodimethylamine	4.32	42	78908	52.846	ng	# 89
6) Aniline	8.21	93	97508	16.599	ng	95
8) 2-Chlorophenol	8.47	128	166702	48.917	ng	96
9) Benzaldehyde	8.01	77	61627	24.639	ng	96
10) Phenol	8.04	94	216784	49.554	ng	92
11) bis(2-Chloroethyl)ether	8.30	93	149988	41.929	ng	92
12) 1,3-Dichlorobenzene	8.81	146	162232	40.644	ng	97
13) 1,4-Dichlorobenzene	8.96	146	166697	41.490	ng	95
14) 1,2-Dichlorobenzene	9.29	146	156904	40.753	ng	97
15) Benzyl Alcohol	9.15	79	143494	44.977	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.45	45	259713	42.233	ng	99
17) 2-Methylphenol	9.35	107	147784	45.811	ng	95
18) Hexachloroethane	10.05	117	58995	43.126	ng	# 84
19) n-Nitroso-di-n-propylamine	9.73	70	122454	39.969	ng	# 93
20) 3+4-Methylphenols	9.68	107	203804	45.437	ng	95
22) Acetophenone	9.76	105	234237	40.405	ng	# 96
24) Nitrobenzene	10.16	77	172451	47.227	ng	# 91
25) Isophorone	10.69	82	342166	42.468	ng	# 92
26) 2-Nitrophenol	10.89	139	85019	60.235	ng	94
27) 2,4-Dimethylphenol	10.92	122	182253	52.071	ng	89
28) bis(2-Chloroethoxy)methane	11.16	93	211304	45.019	ng	# 96
29) 2,4-Dichlorophenol	11.43	162	161396	50.807	ng	94
30) 1,2,4-Trichlorobenzene	11.66	180	147817	39.697	ng	98
31) Naphthalene	11.86	128	502019	41.853	ng	98
32) Benzoic acid	10.97	122	7186	9.714	ng	# 81
33) 4-Chloroaniline	11.94	127	96337	17.963	ng	93
34) Hexachlorobutadiene	12.12	225	78251	37.464	ng	97
35) Caprolactam	12.69	113	65821	51.748	ng	86
36) 4-Chloro-3-methylphenol	13.00	107	194996	52.749	ng	91
37) 2-Methylnaphthalene	13.41	142	374206	43.122	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	156666	37.760	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	187924	88.876	ng	92

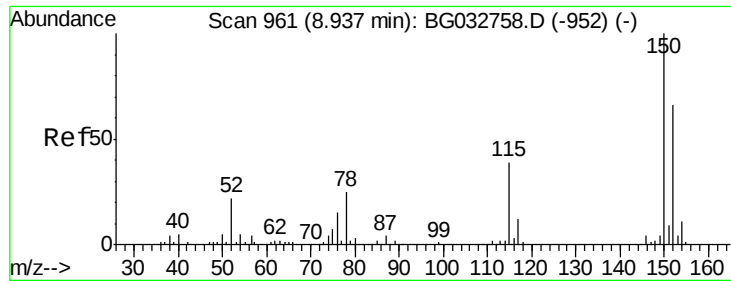
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032933.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	125374	47.917	ng	98
43) 2,4,5-Trichlorophenol	14.05	196	141342	46.674	ng	98
45) 1,1'-Biphenyl	14.38	154	480103	39.310	ng	97
46) 2-Chloronaphthalene	14.43	162	366133	40.132	ng	98
47) 2-Nitroaniline	14.61	65	132177	55.512	ng	92
48) Acenaphthylene	15.27	152	610012	40.840	ng	99
49) Dimethylphthalate	14.96	163	502187	42.317	ng	100
50) 2,6-Dinitrotoluene	15.09	165	110802	54.851	ng	89
51) Acenaphthene	15.60	154	374129	40.219	ng	98
52) 3-Nitroaniline	15.41	138	76818	34.188	ng	# 84
53) 2,4-Dinitrophenol	15.61	184	9990	23.776	ng	# 1
54) Dibenzofuran	15.93	168	575860	43.476	ng	95
55) 4-Nitrophenol	15.69	139	160916	82.556	ng	85
56) 2,4-Dinitrotoluene	15.86	165	154672	62.172	ng	# 87
57) Fluorene	16.57	166	472279	43.200	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.06	232	115457	49.107	ng	95
59) Diethylphthalate	16.30	149	537401	42.934	ng	97
60) 4-Chlorophenyl-phenylether	16.54	204	231122	43.217	ng	92
61) 4-Nitroaniline	16.57	138	115649	45.345	ng	84
62) Azobenzene	16.84	77	489383	43.704	ng	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	19580	26.553	ng	94
65) n-Nitrosodiphenylamine	16.75	169	442422	41.837	ng	99
66) 4-Bromophenyl-phenylether	17.44	248	138945	40.424	ng	# 88
67) Hexachlorobenzene	17.57	284	143795	38.712	ng	# 90
68) Atrazine	17.67	200	151174	43.430	ng	95
69) Pentachlorophenol	17.90	266	137514	58.775	ng	97
70) Phenanthrene	18.31	178	766895	42.287	ng	98
71) Anthracene	18.39	178	785431	43.139	ng	99
72) Carbazole	18.65	167	732930	40.841	ng	98
73) Di-n-butylphthalate	19.15	149	914206	41.524	ng	100
74) Fluoranthene	20.26	202	848399	42.350	ng	94
76) Benzidine	20.41	184	211018	20.792	ng	97
77) Pyrene	20.61	202	855081	40.724	ng	97
79) Butylbenzylphthalate	21.48	149	425378	45.694	ng	92
80) Benzo(a)anthracene	22.60	228	807000	42.267	ng	98
81) 3,3'-Dichlorobenzidine	22.48	252	152808	21.610	ng	# 98
82) Chrysene	22.68	228	762647	41.816	ng	98
83) Bis(2-ethylhexyl)phthalate	22.43	149	603157	43.771	ng	# 95
84) Di-n-octyl phthalate	23.85	149	1037947	49.417	ng	99
85) Indeno(1,2,3-cd)pyrene	30.86	276	892169	41.945	ng	# 91
87) Benzo(b)fluoranthene	25.21	252	800416	42.731	ng	# 96
88) Benzo(k)fluoranthene	25.28	252	796409	42.780	ng	# 96
89) Benzo(a)pyrene	26.25	252	779960	43.778	ng	# 95
90) Dibenzo(a,h)anthracene	30.95	278	730982	40.761	ng	# 93
91) Benzo(g,h,i)perylene	32.25	276	723659	40.935	ng	# 89

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

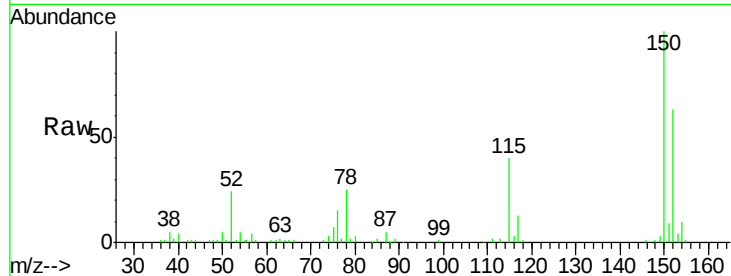


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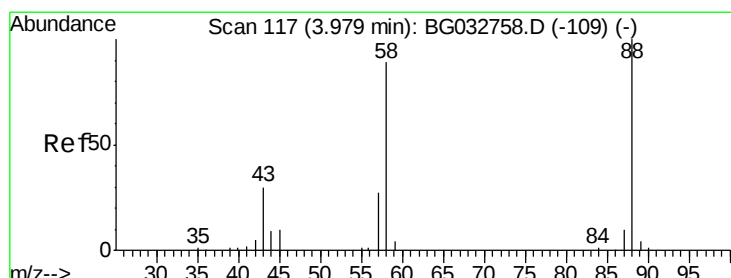
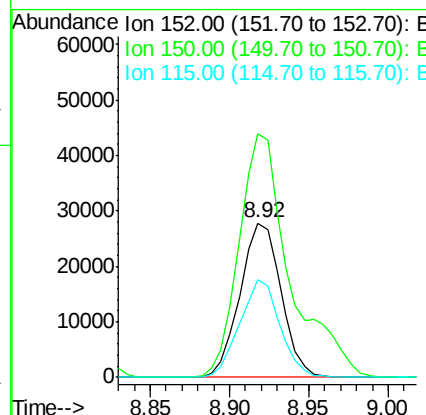
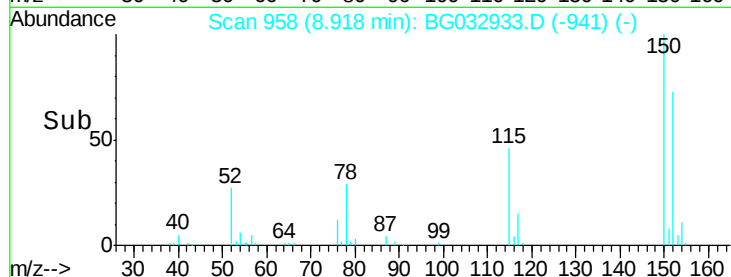
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 49811
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 63.0 53.0 79.4



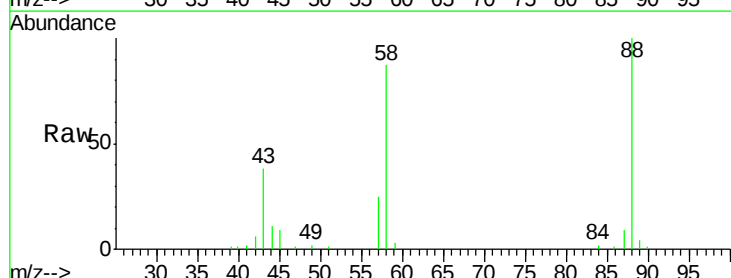
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



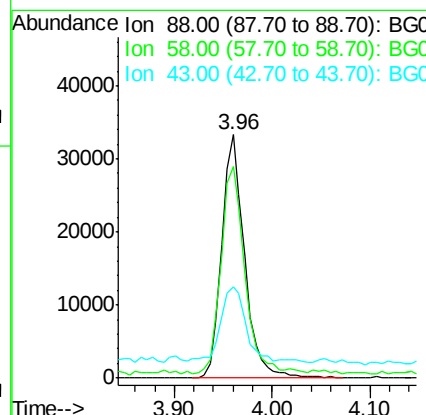
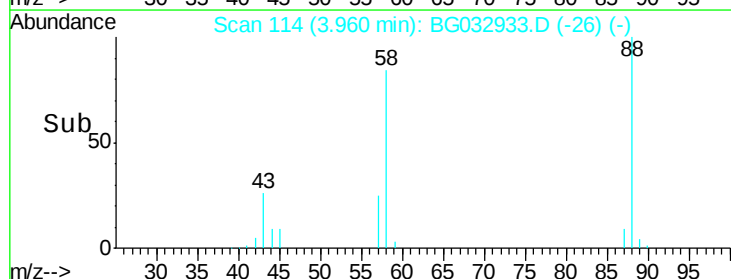
#2

1,4-Dioxane
Concen: 39.909 ng
RT: 3.96 min Scan# 114
Delta R.T. -0.01 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion: 88 Resp: 53926
Ion Ratio Lower Upper
88 100
58 87.6 79.6 119.4
43 32.8 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: 40.036 ng

RT: 4.42 min Scan# 193

Delta R.T. -0.01 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

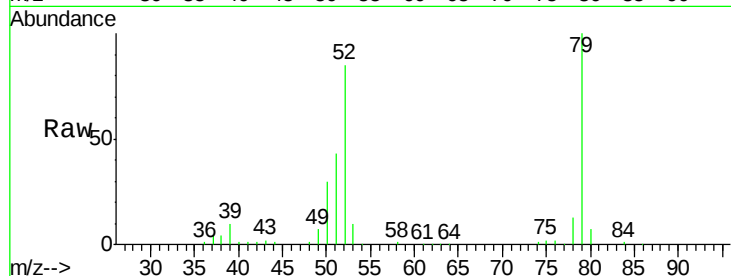
Tot Ion: 79 Resp: 149105

Ion Ratio Lower Upper

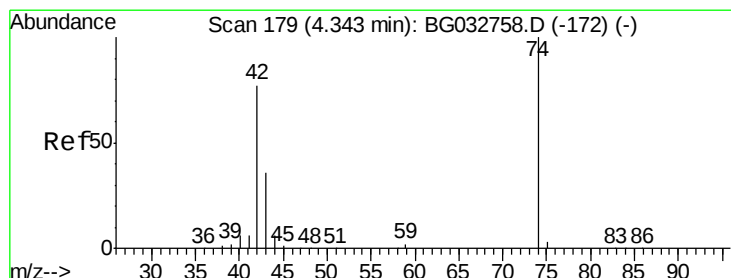
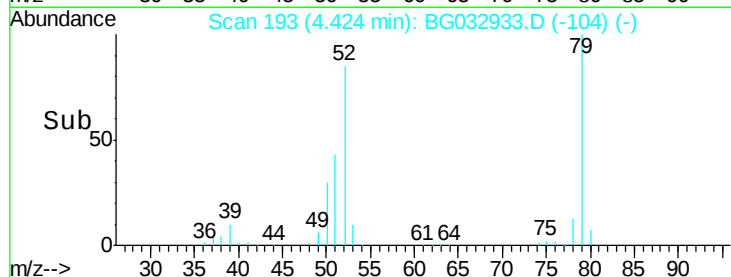
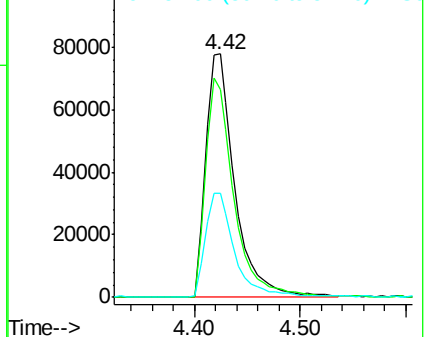
79 100

52 85.4 69.9 104.9

51 43.0 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 52.846 ng

RT: 4.32 min Scan# 176

Delta R.T. -0.01 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

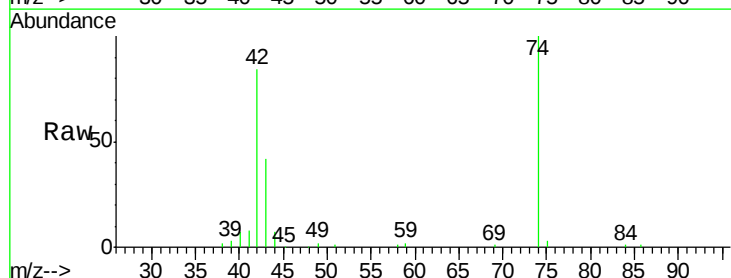
Tgt Ion: 42 Resp: 78908

Ion Ratio Lower Upper

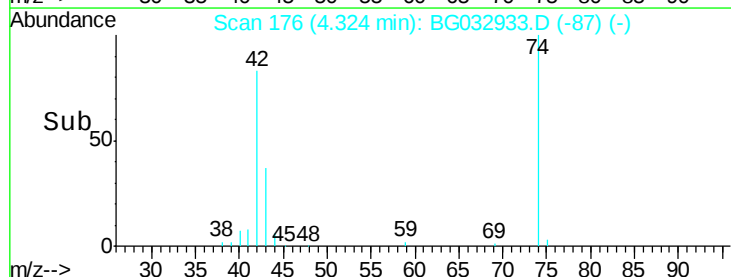
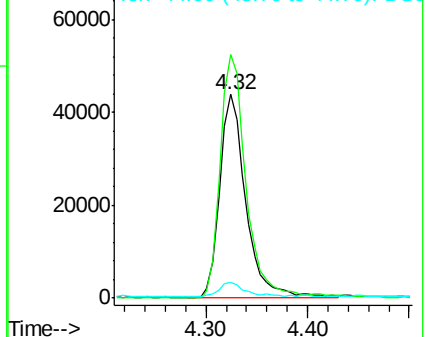
42 100

74 119.7 102.5 153.7

44 7.9 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 135.814 ng

RT: 6.33 min Scan# 518

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

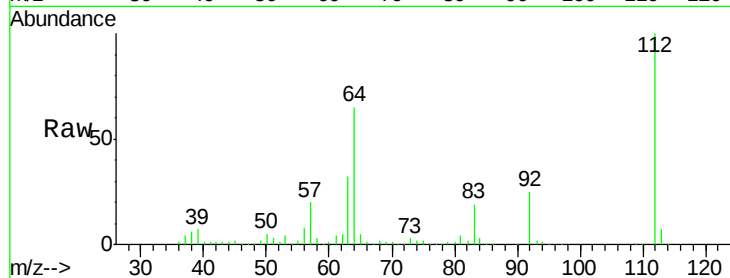
Tot Ion:112 Resp: 422852

Ion Ratio Lower Upper

112 100

64 65.0 56.3 84.5

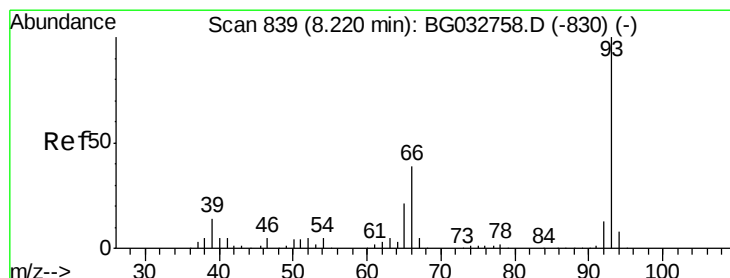
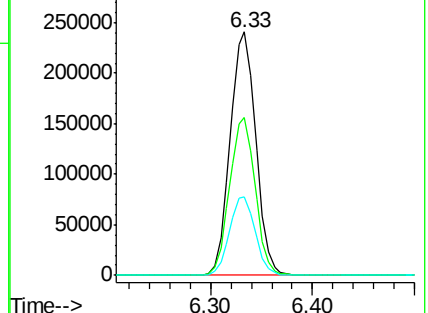
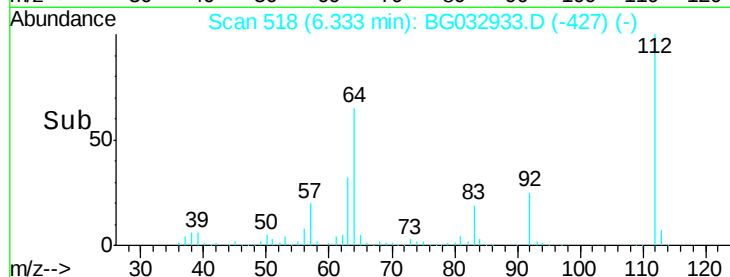
63 32.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.599 ng

RT: 8.21 min Scan# 837

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

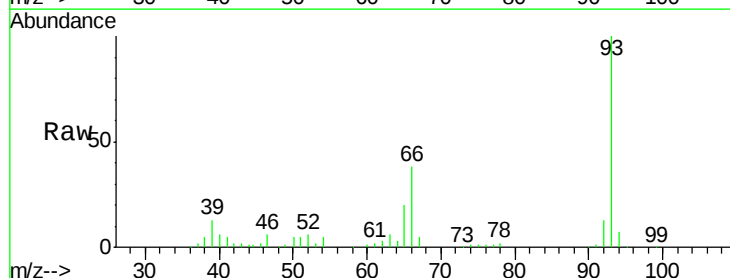
Tgt Ion: 93 Resp: 97508

Ion Ratio Lower Upper

93 100

66 38.0 33.7 50.5

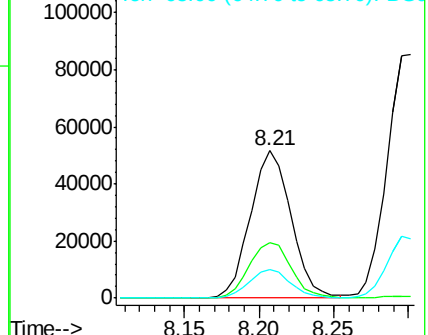
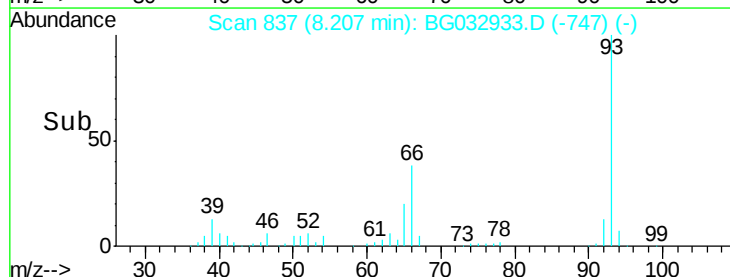
65 19.6 16.1 24.1

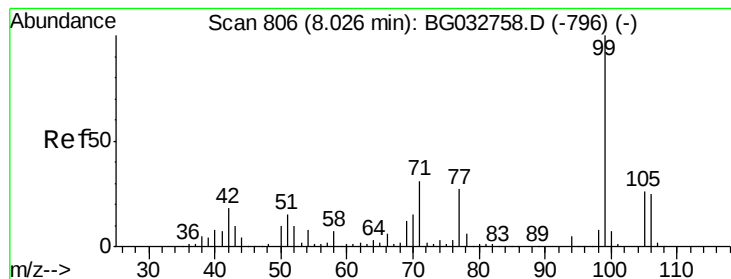


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.156 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

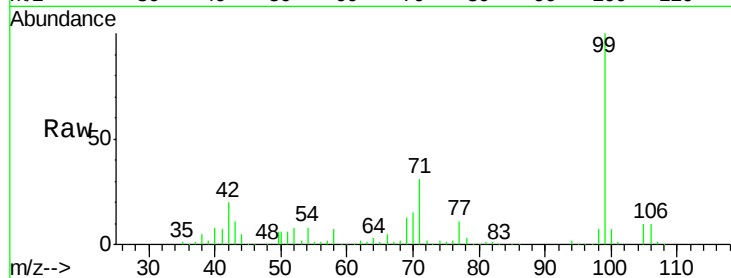
Tot Ion: 99 Resp: 564846

Ion Ratio Lower Upper

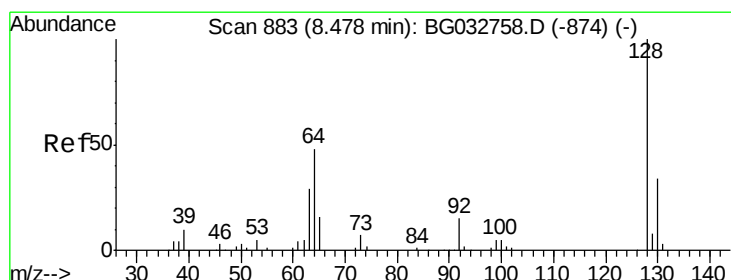
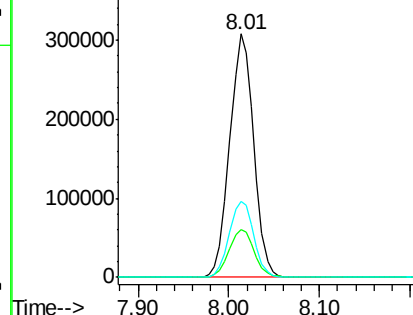
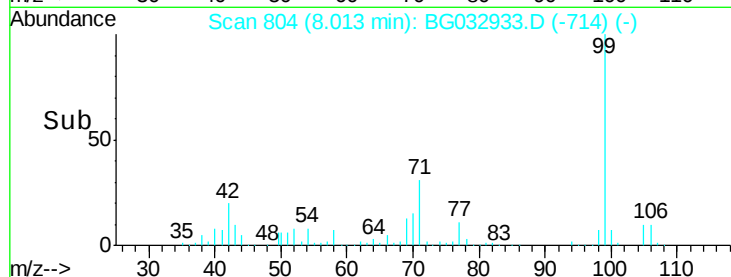
99 100

42 19.8 14.1 21.1

71 31.3 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: 48.917 ng

RT: 8.47 min Scan# 881

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

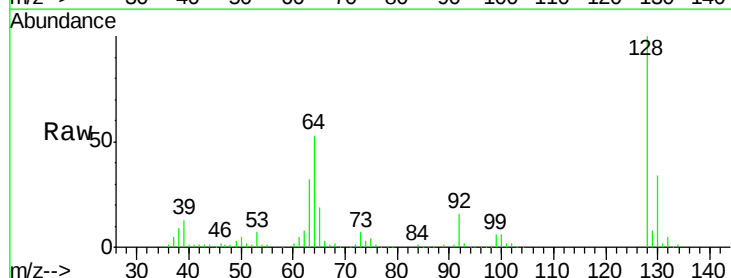
Tgt Ion:128 Resp: 166702

Ion Ratio Lower Upper

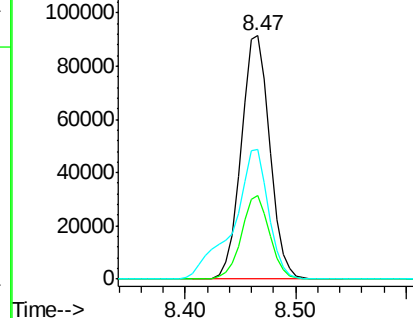
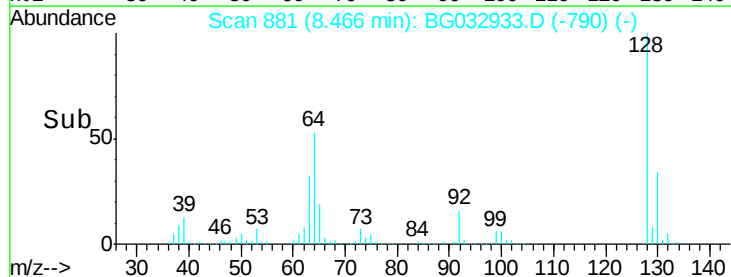
128 100

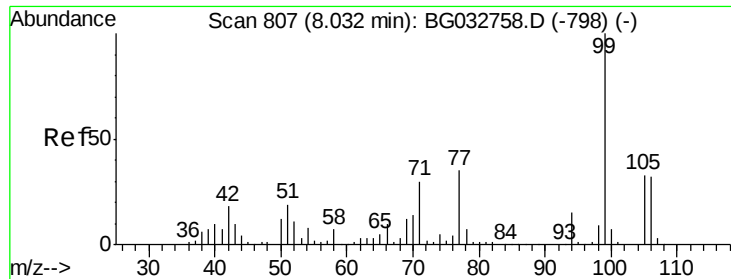
130 34.2 14.0 54.0

64 53.5 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: 24.639 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

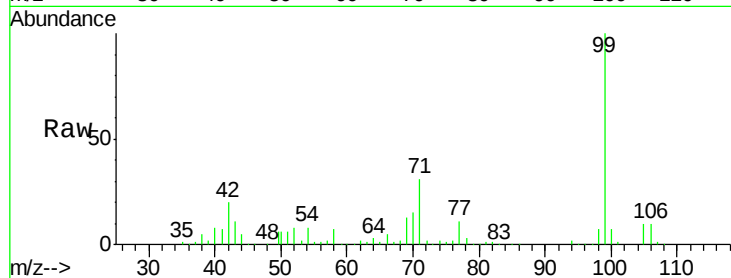
Tot Ion: 77 Resp: 61627

Ion Ratio Lower Upper

77 100

105 91.7 71.3 111.3

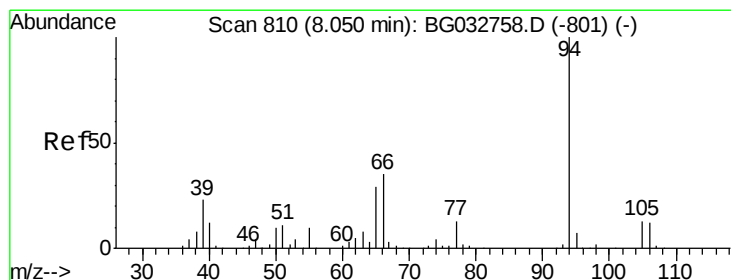
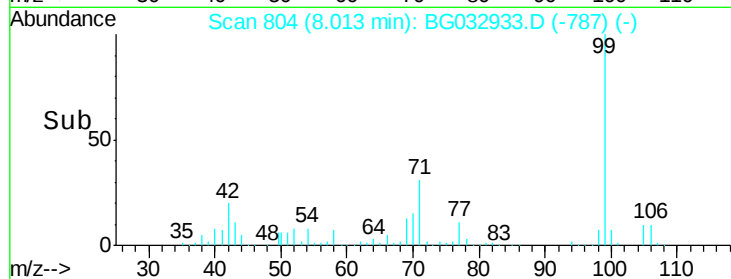
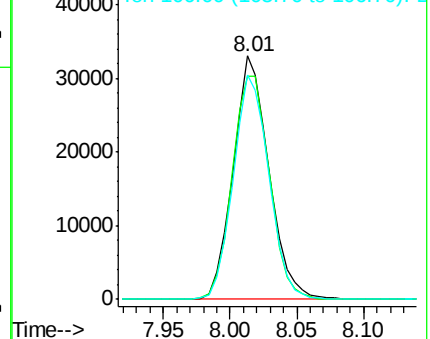
106 92.1 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 49.554 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

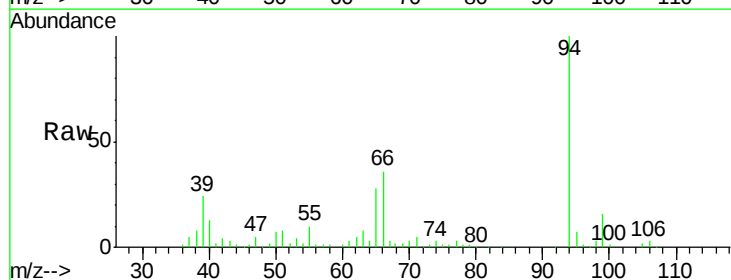
Tgt Ion: 94 Resp: 216784

Ion Ratio Lower Upper

94 100

65 28.4 11.9 51.9

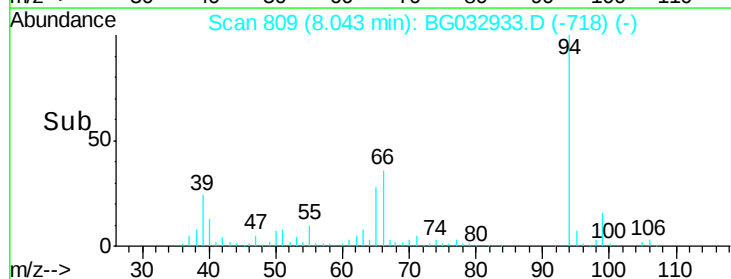
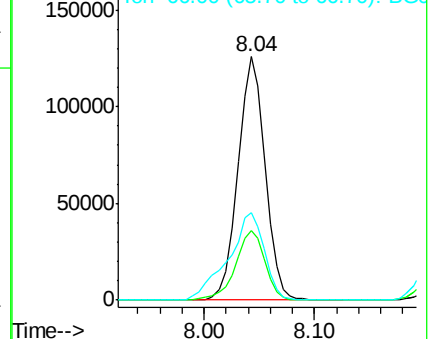
66 36.2 22.2 62.2

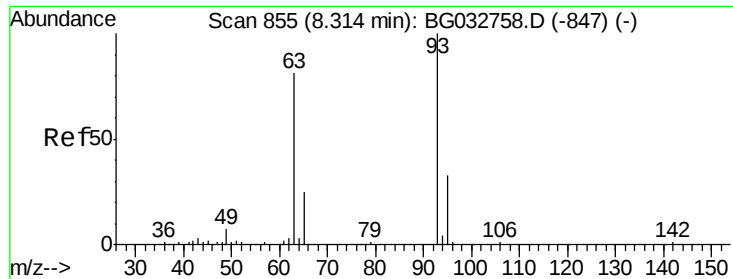


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

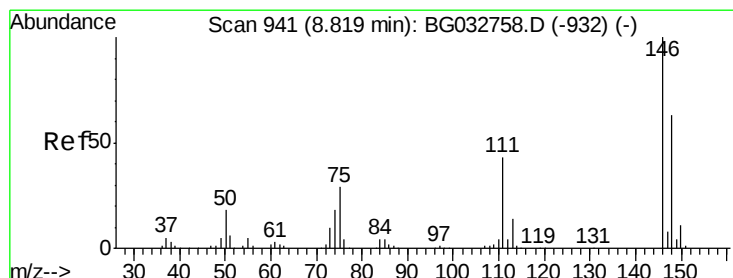
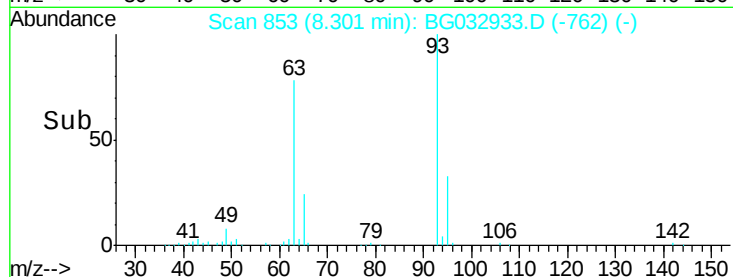
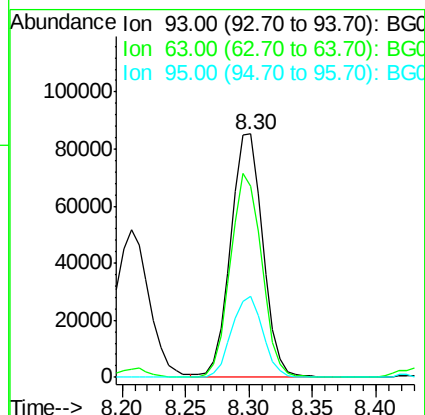
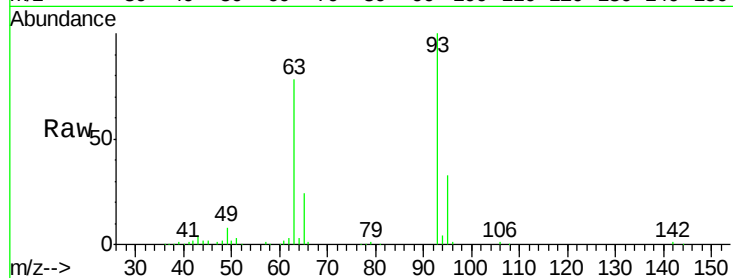




#11
bis(2-Chloroethyl)ether
Concen: 41.929 ng
RT: 8.30 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

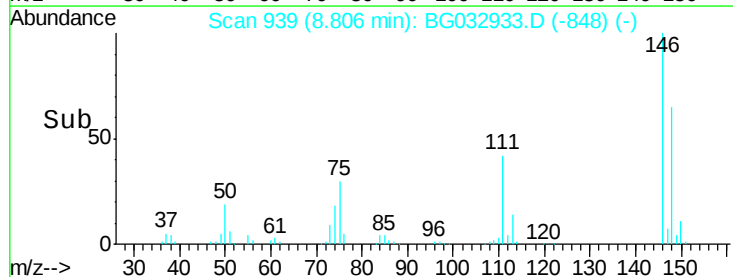
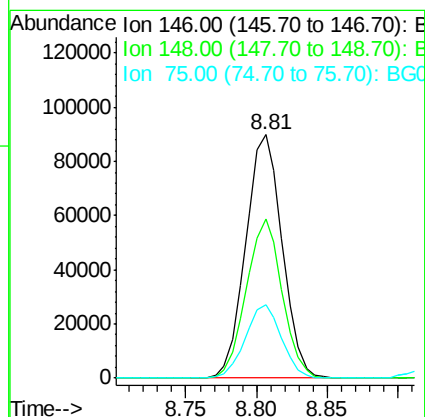
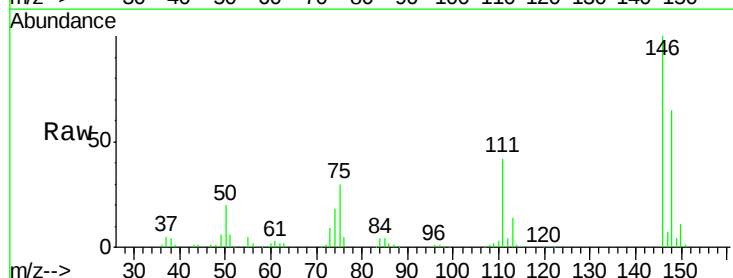
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 149988
Ion Ratio Lower Upper
93 100
63 78.3 67.1 107.1
95 33.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.644 ng
RT: 8.81 min Scan# 939
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion: 146 Resp: 162232
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.2
75 30.2 26.6 39.8

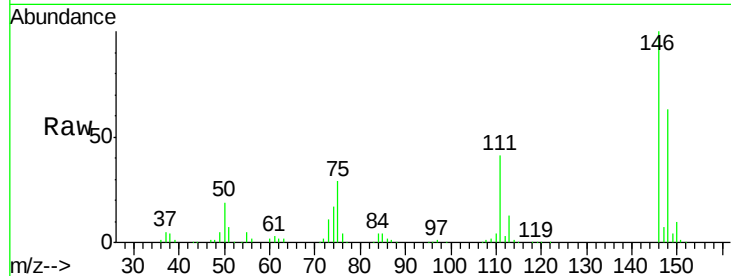




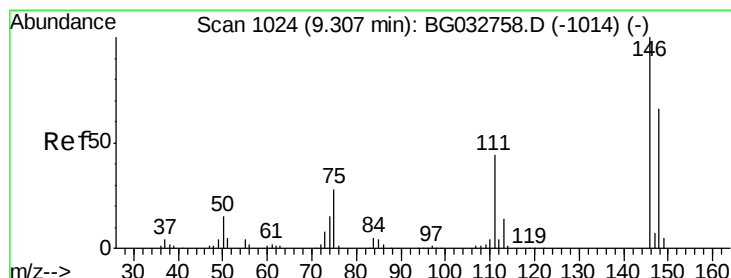
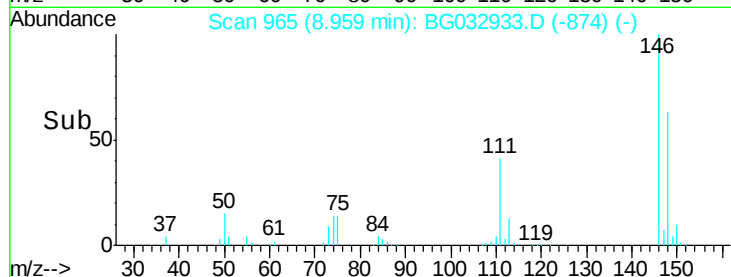
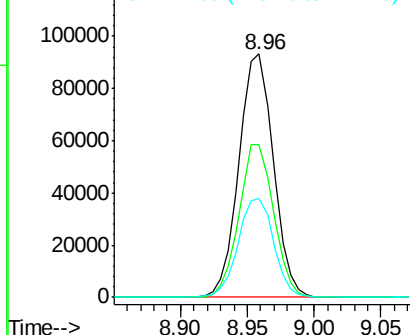
#13
 1,4-Dichlorobenzene
 Concen: 41.490 ng
 RT: 8.96 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 166697
 Ion Ratio Lower Upper
 146 100
 148 63.0 53.7 80.5
 111 40.7 35.2 52.8

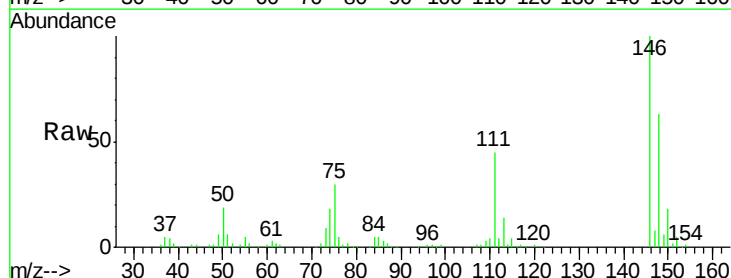


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

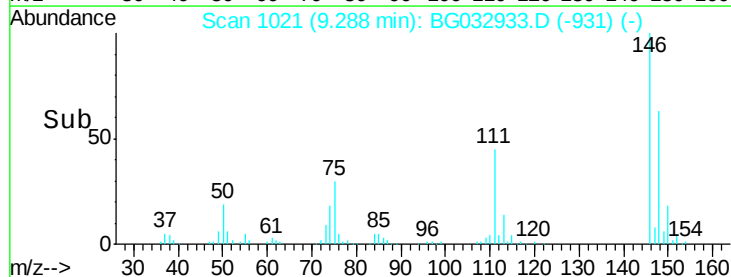
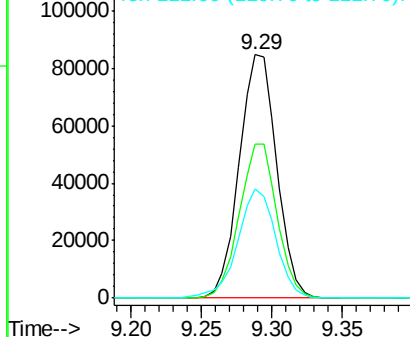


#14
 1,2-Dichlorobenzene
 Concen: 40.753 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion:146 Resp: 156904
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.3 73.9
 111 45.0 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: 44.977 ng

RT: 9.15 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampled :

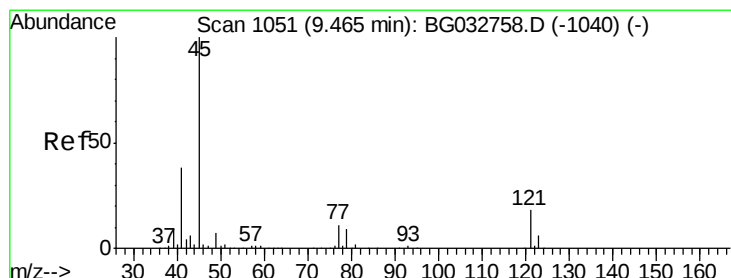
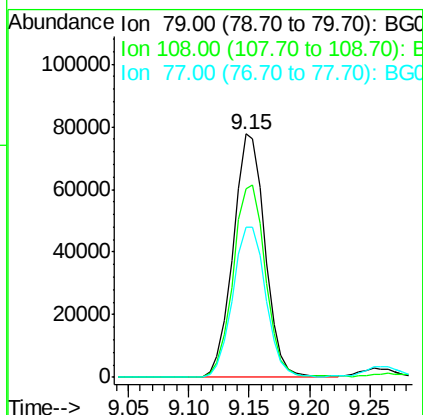
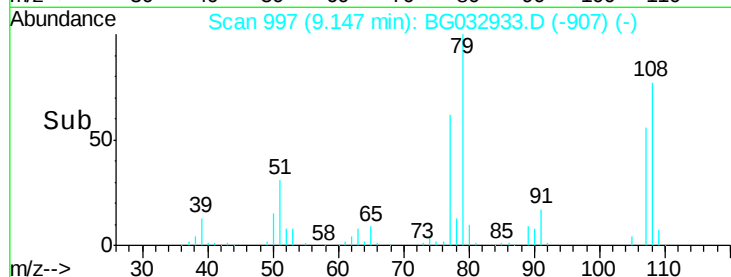
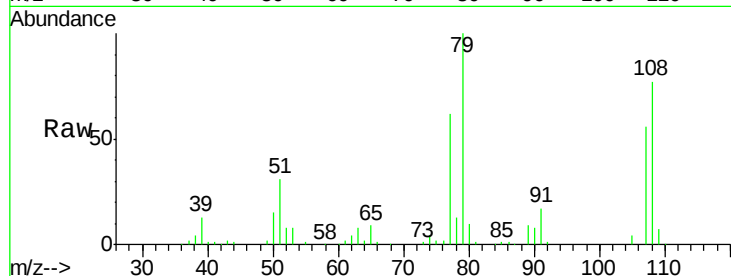
Tot Ion: 79 Resp: 143494

Ion Ratio Lower Upper

79 100

108 77.2 57.2 85.8

77 61.7 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.233 ng

RT: 9.45 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

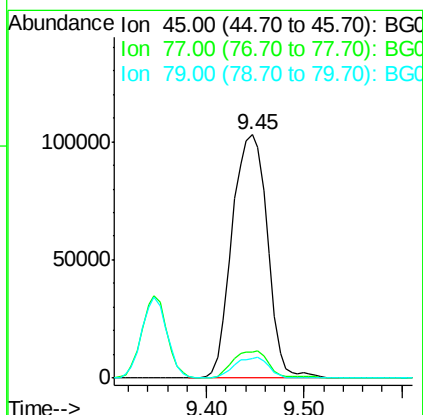
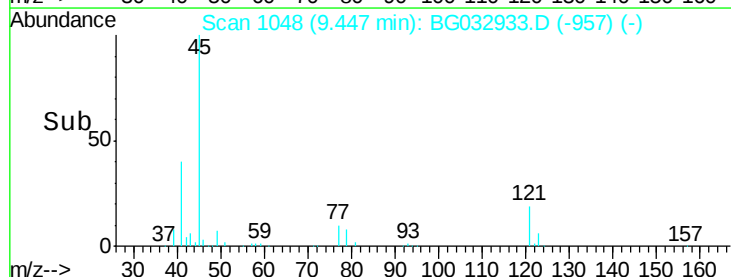
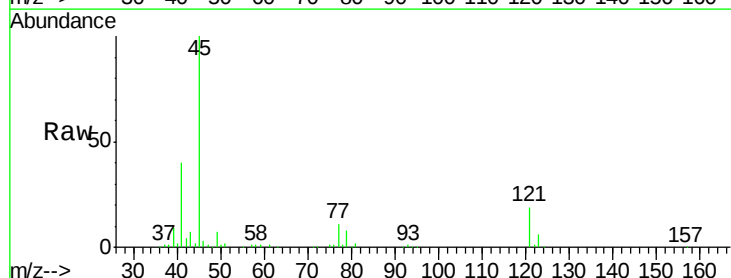
Tgt Ion: 45 Resp: 259713

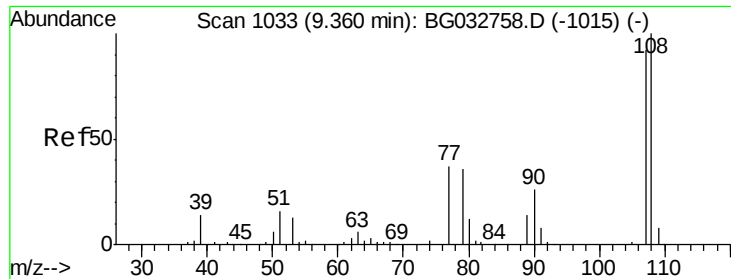
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.2

79 8.1 0.0 27.9





#17

2-Methylphenol

Concen: 45.811 ng

RT: 9.35 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 147784

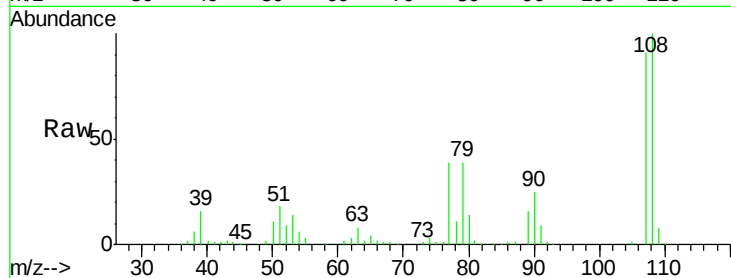
Ion Ratio Lower Upper

107 100

108 109.9 83.9 125.9

77 43.1 37.2 55.8

79 42.5 36.2 54.2

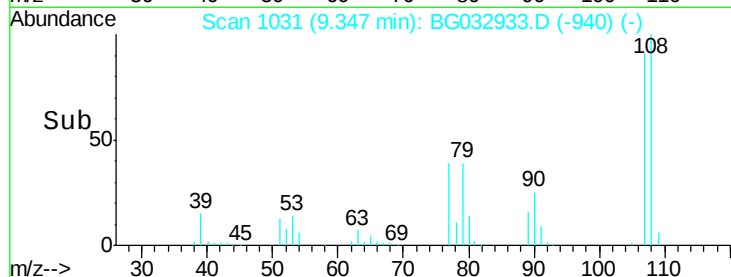


Abundance Ion 107.00 (106.70 to 107.70): E

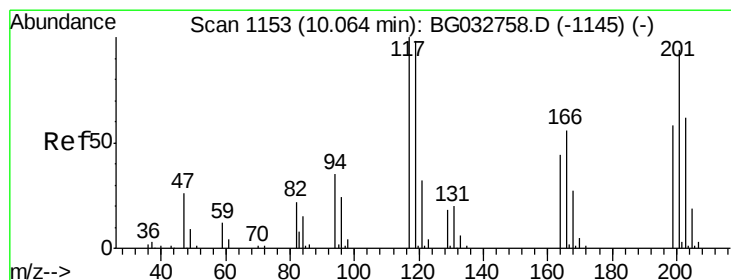
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 43.126 ng

RT: 10.05 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

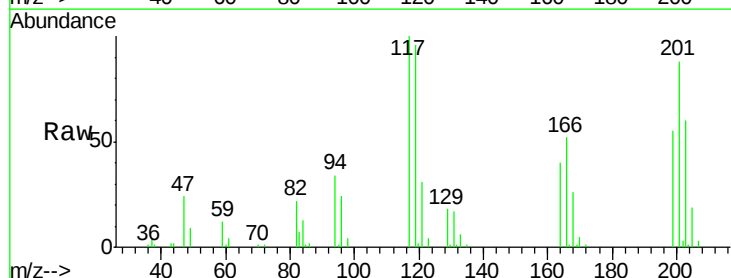
Tgt Ion:117 Resp: 58995

Ion Ratio Lower Upper

117 100

119 96.3 76.7 115.1

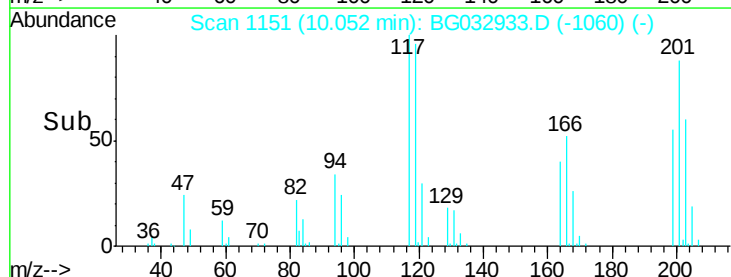
201 88.3 95.7 143.5#



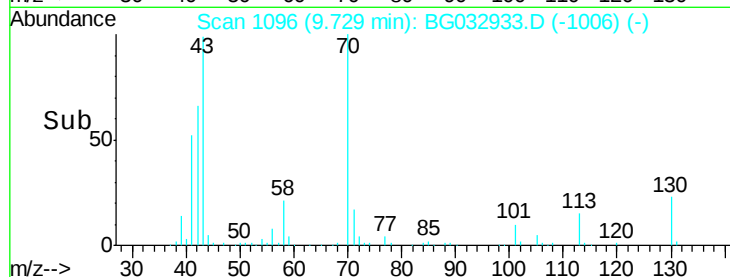
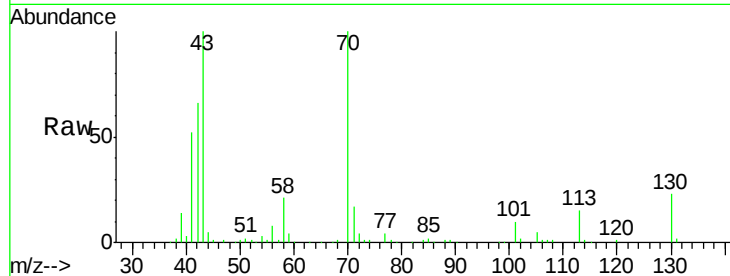
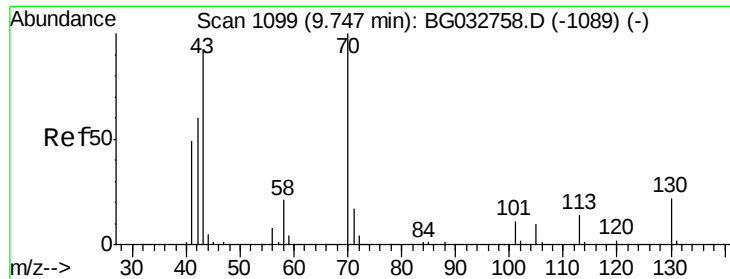
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



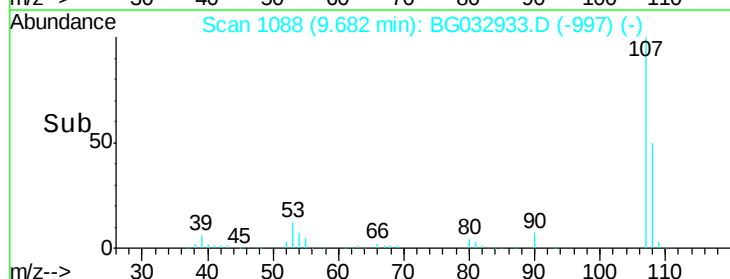
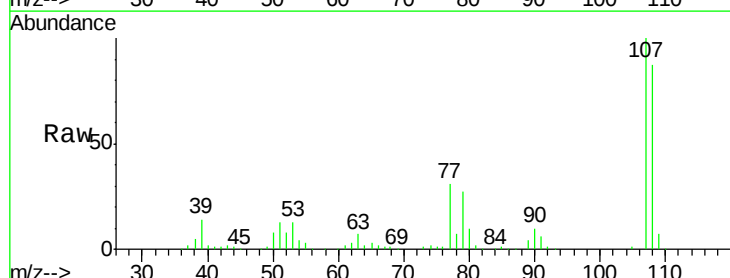
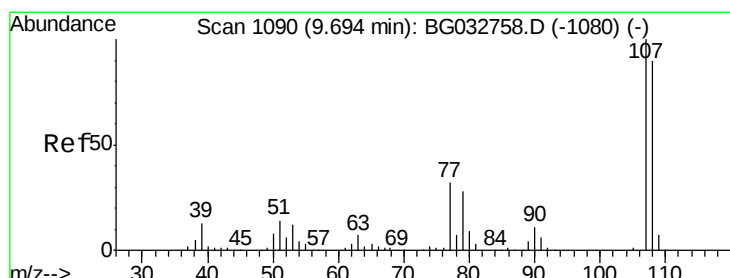
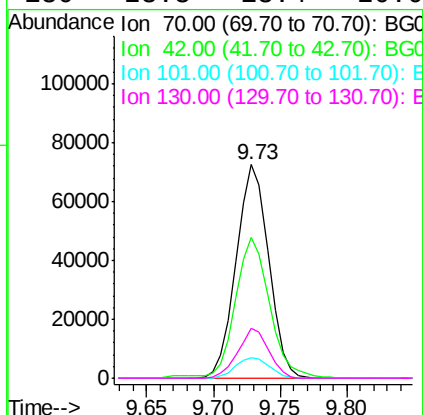
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 39.969 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

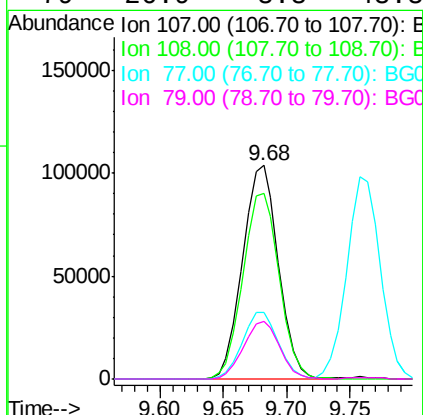
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 122454
Ion Ratio Lower Upper
70 100
42 65.7 49.1 73.7
101 9.9 8.5 12.7
130 23.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 45.437 ng
RT: 9.68 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion: 107 Resp: 203804
Ion Ratio Lower Upper
107 100
108 87.0 61.6 101.6
77 31.1 13.9 53.9
79 26.9 8.8 48.8

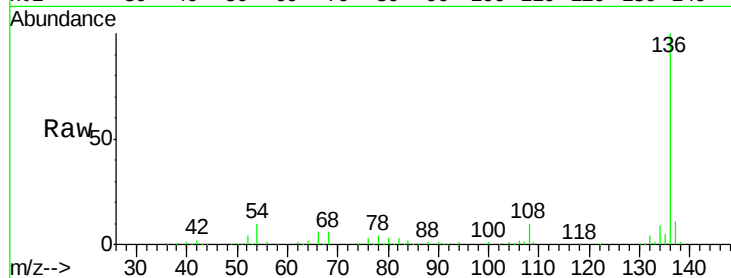




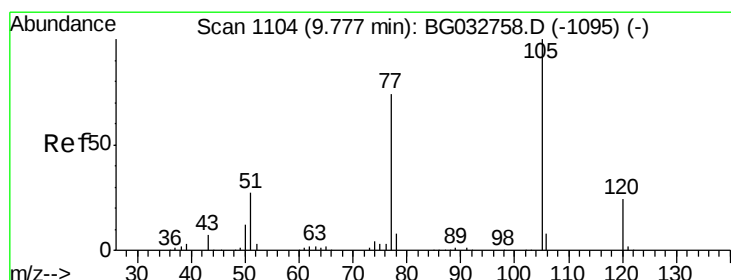
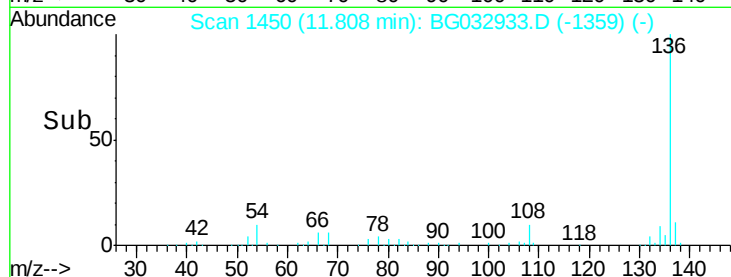
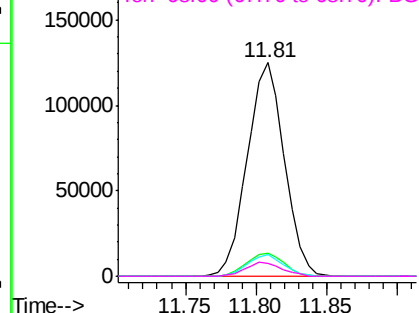
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	229548
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	10.1	10.3 15.5#
68	6.1	4.5 6.7

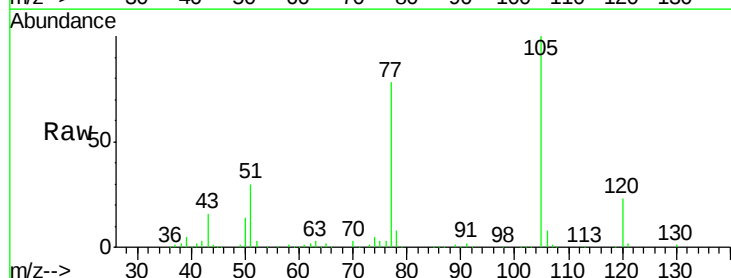


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

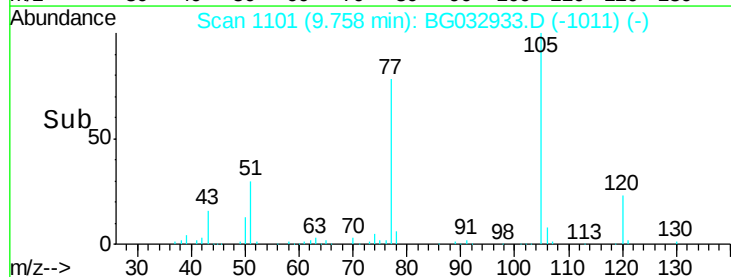
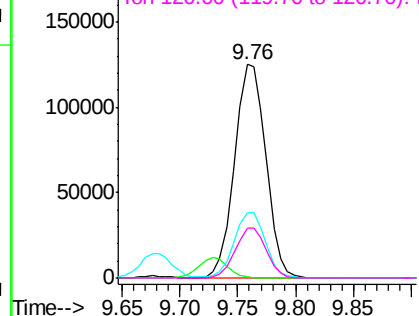


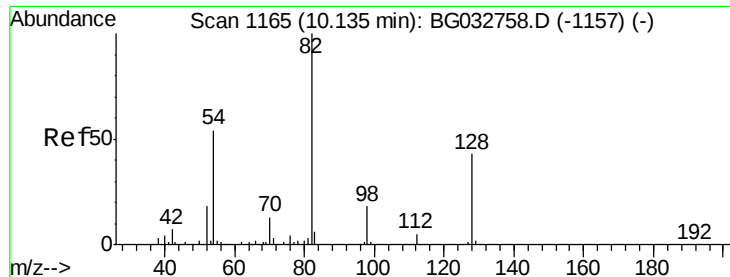
#22
Acetophenone
Concen: 40.405 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion:105	Resp:	234237
Ion Ratio	Lower	Upper
105	100	
71	0.3	3.0 4.4#
51	30.3	26.1 39.1
120	23.2	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

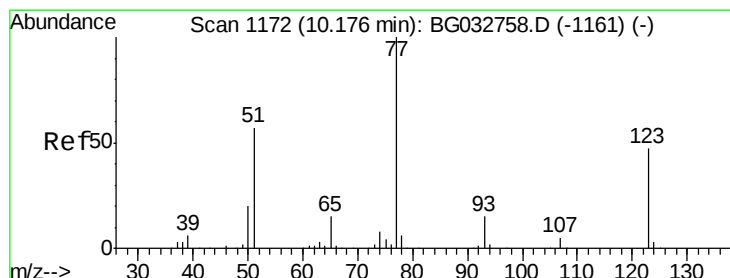
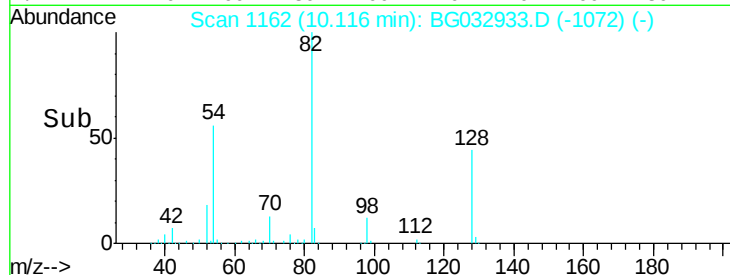
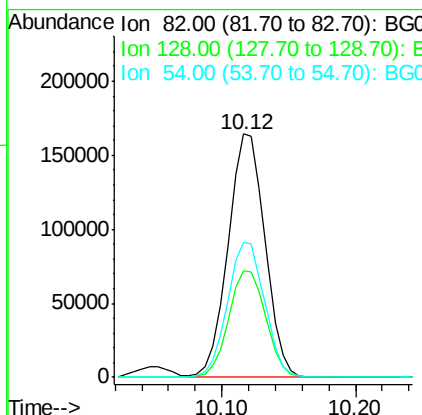
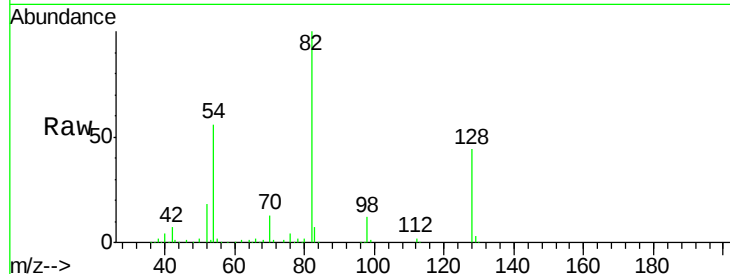




#23
 Nitrobenzene-d5
 Concen: 94.192 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

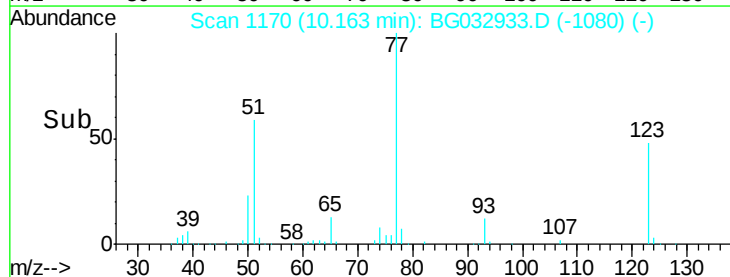
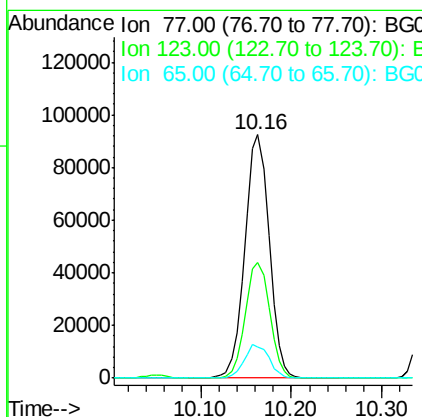
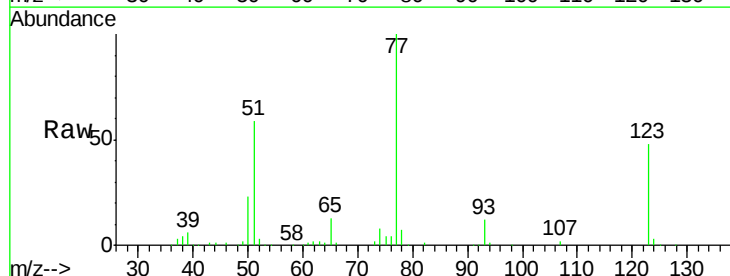
Instrument :
 BNA_G
 ClientSampled :

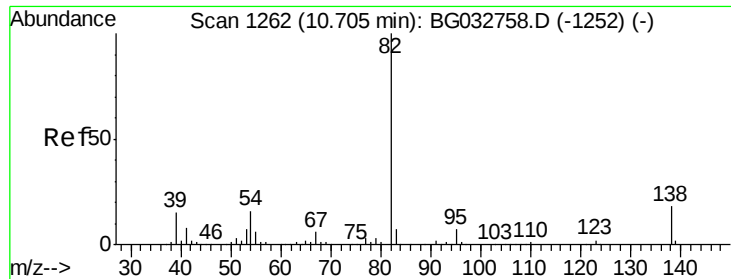
Tot Ion: 82 Resp: 315584
 Ion Ratio Lower Upper
 82 100
 128 43.7 29.7 44.5
 54 55.5 43.1 64.7



#24
 Nitrobenzene
 Concen: 47.227 ng
 RT: 10.16 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion: 77 Resp: 172451
 Ion Ratio Lower Upper
 77 100
 123 47.7 33.0 49.6
 65 13.0 13.0 19.6#





#25

Isophorone

Concen: 42.468 ng

RT: 10.69 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampled :

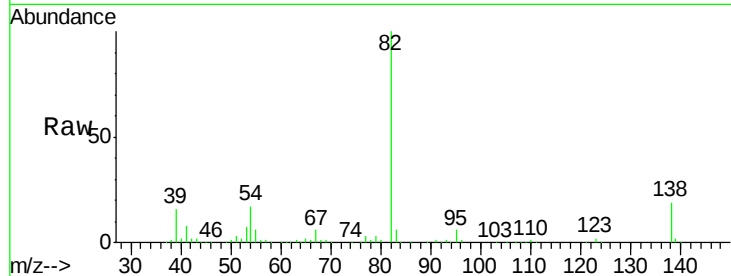
Tot Ion: 82 Resp: 342166

Ion Ratio Lower Upper

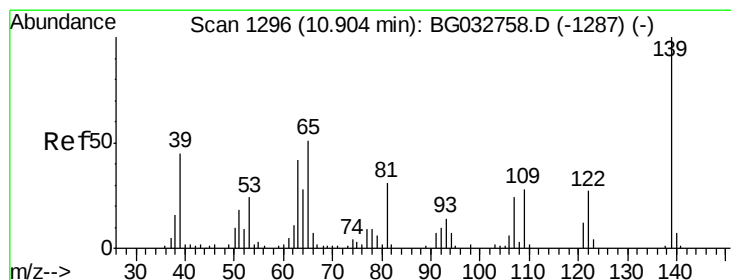
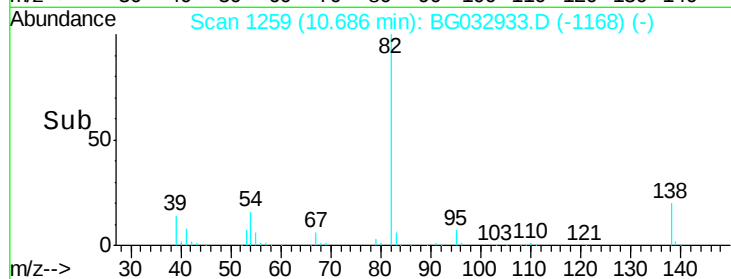
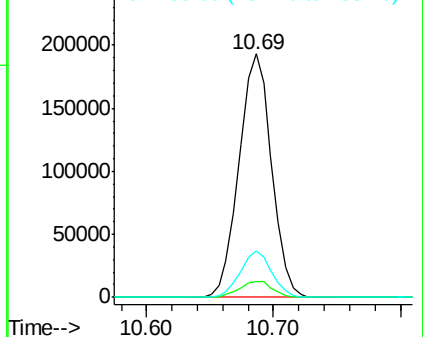
82 100

95 6.5 6.2 9.2

138 19.4 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 60.235 ng

RT: 10.89 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

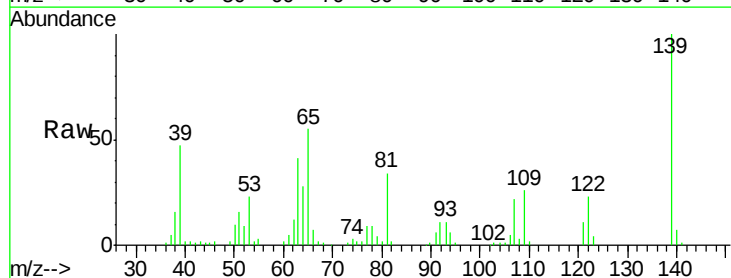
Tgt Ion: 139 Resp: 85019

Ion Ratio Lower Upper

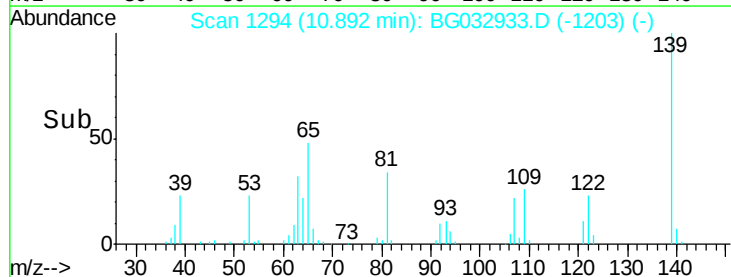
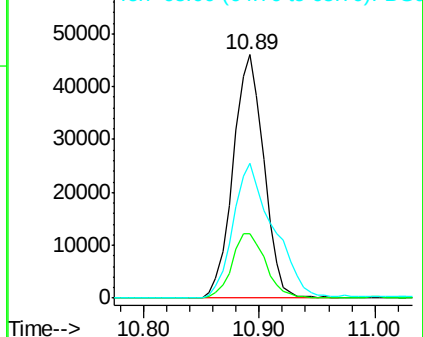
139 100

109 26.5 24.2 36.2

65 55.3 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

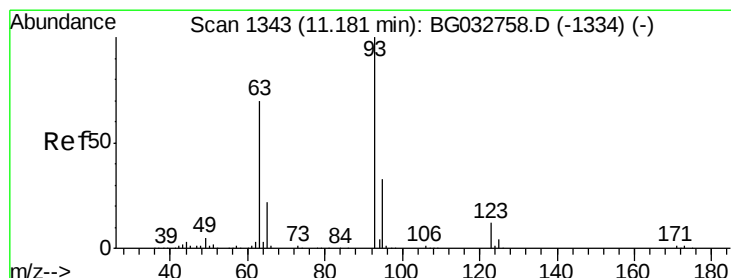
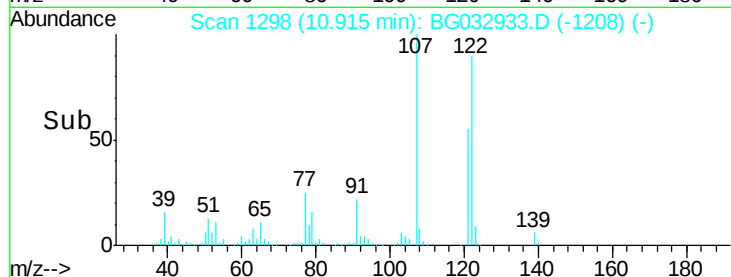
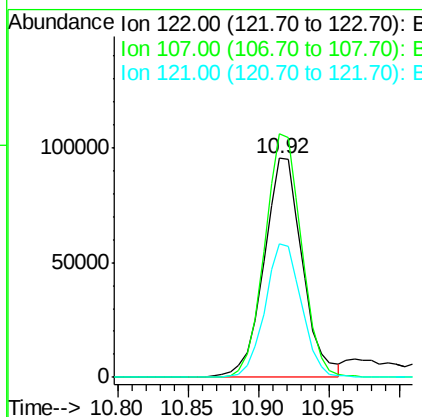
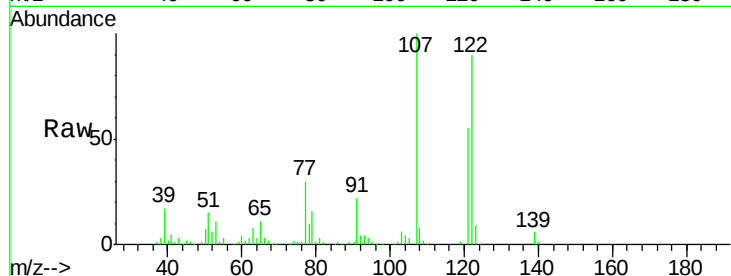




#27
 2,4-Dimethylphenol
 Concen: 52.071 ng
 RT: 10.92 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

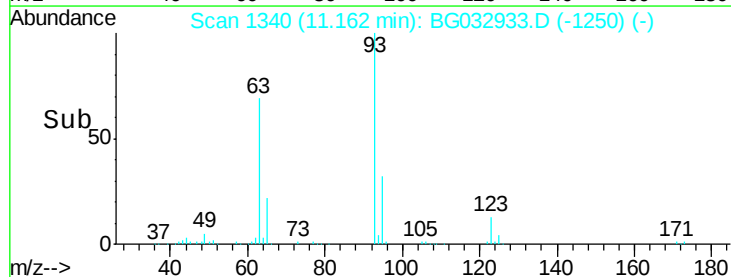
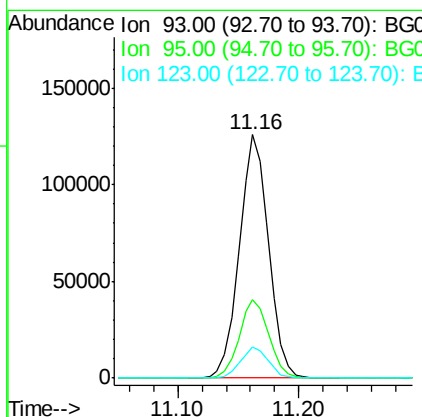
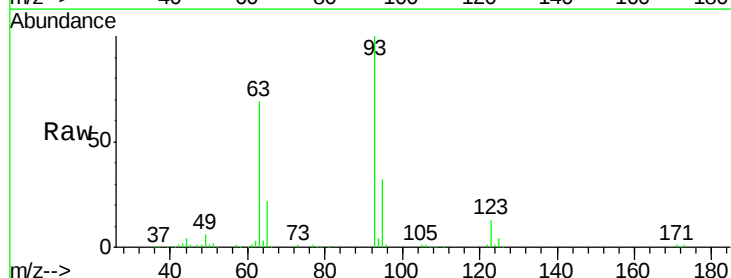
Instrument :
 BNA_G
 ClientSampleId :

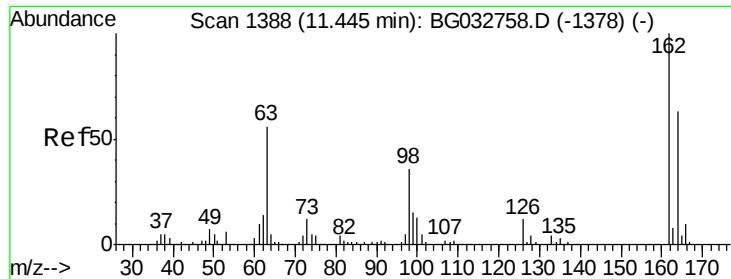
Tot Ion:122 Resp: 182253
 Ion Ratio Lower Upper
 122 100
 107 111.3 100.2 150.2
 121 60.8 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.019 ng
 RT: 11.16 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion: 93 Resp: 211304
 Ion Ratio Lower Upper
 93 100
 95 32.3 24.3 36.5
 123 12.7 8.4 12.6#

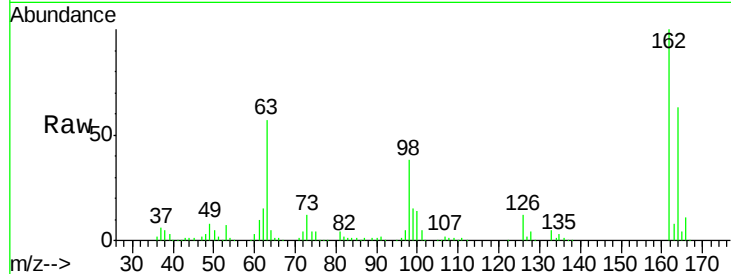




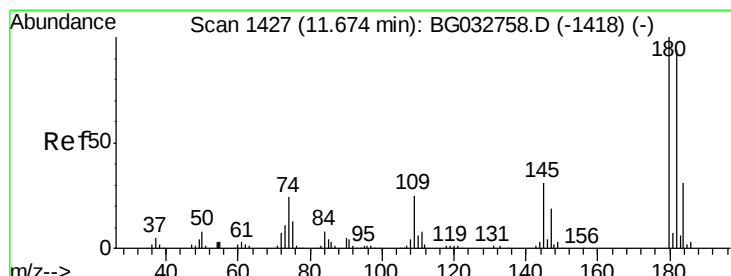
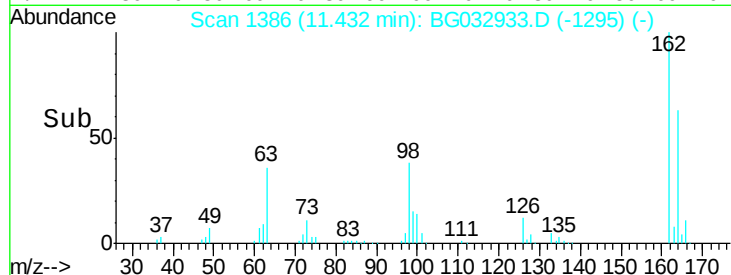
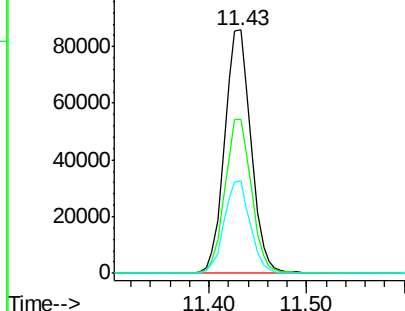
#29
 2,4-Dichlorophenol
 Concen: 50.807 ng
 RT: 11.43 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:162 Resp: 161396
 Ion Ratio Lower Upper
 162 100
 164 63.1 48.0 88.0
 98 38.3 21.1 61.1

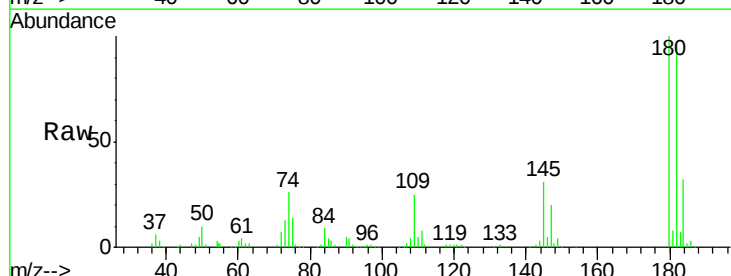


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

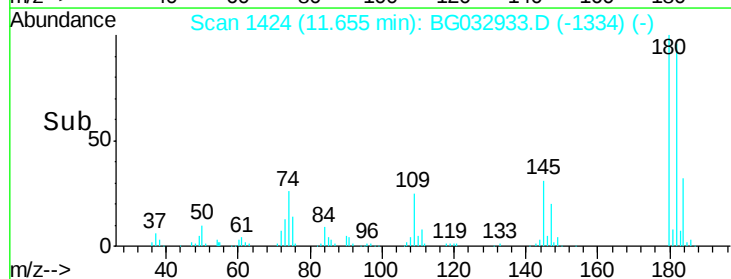
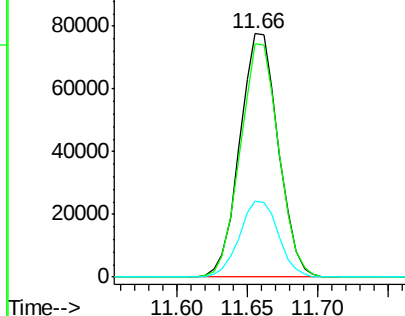


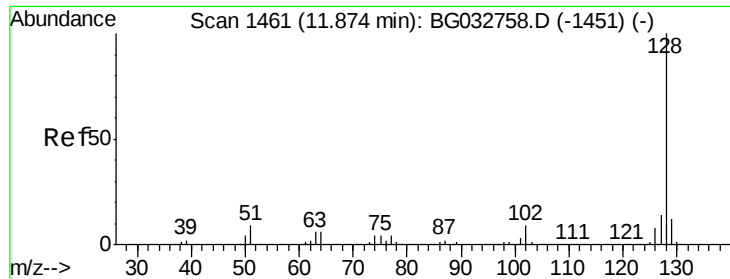
#30
 1,2,4-Trichlorobenzene
 Concen: 39.697 ng
 RT: 11.66 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion:180 Resp: 147817
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.5 116.3
 145 31.3 23.4 35.2



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

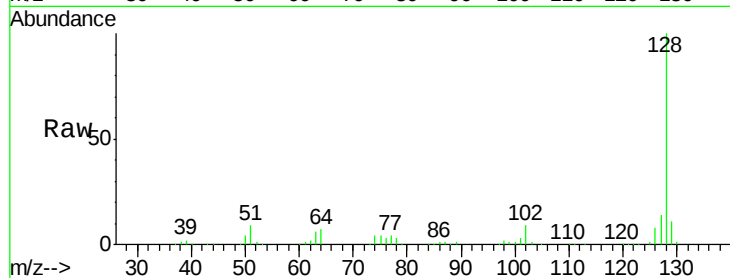




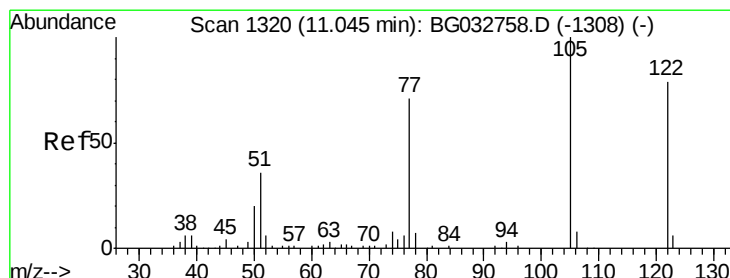
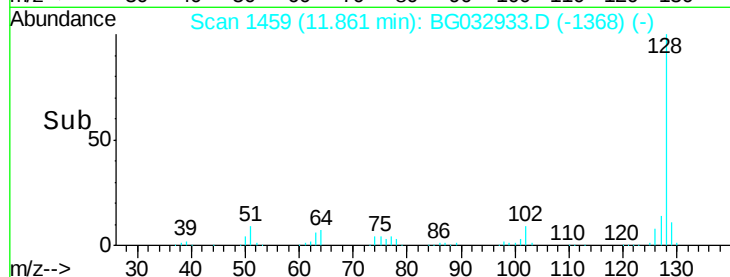
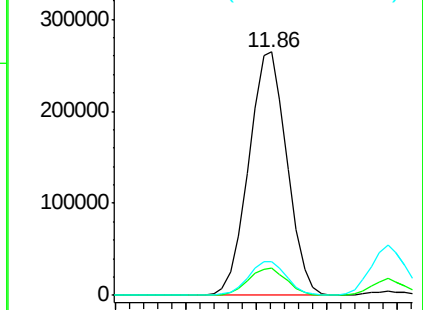
#31
Naphthalene
Concen: 41.853 ng
RT: 11.86 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 502019
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.7 11.6 17.4

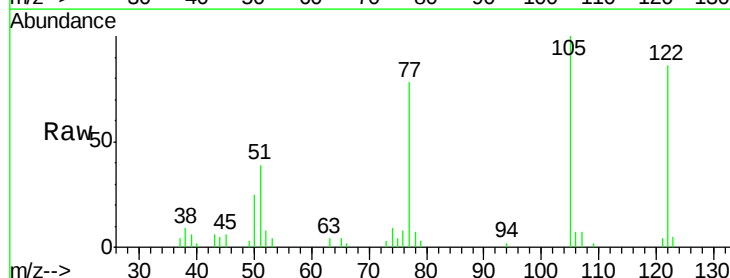


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

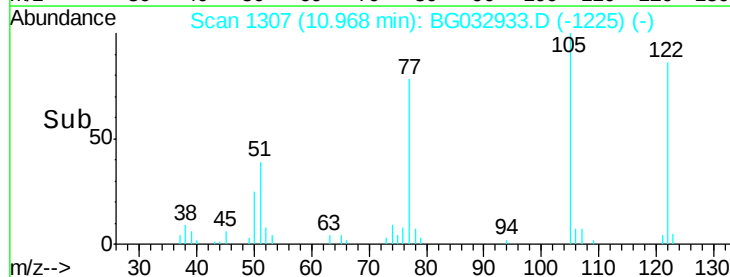
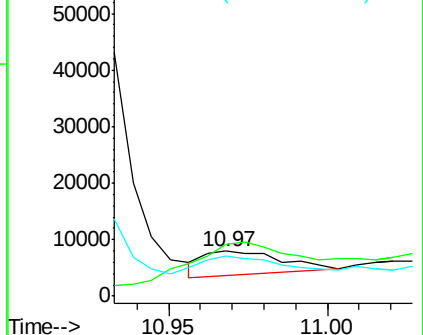


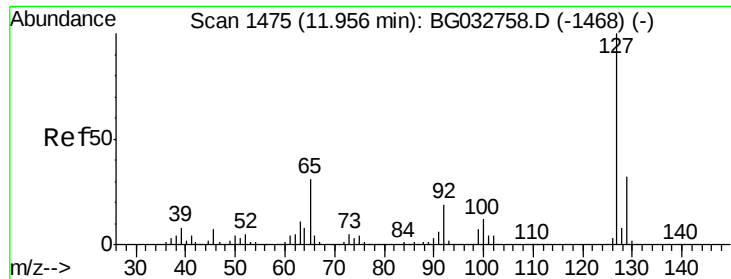
#32
Benzoic acid
Concen: 9.714 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.05 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion:122 Resp: 7186
Ion Ratio Lower Upper
122 100
105 115.8 123.5 163.5#
77 90.0 85.7 125.7



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

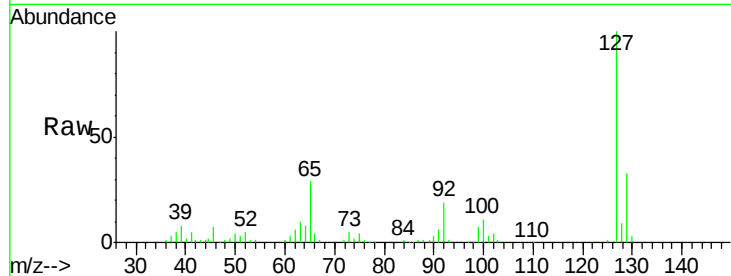




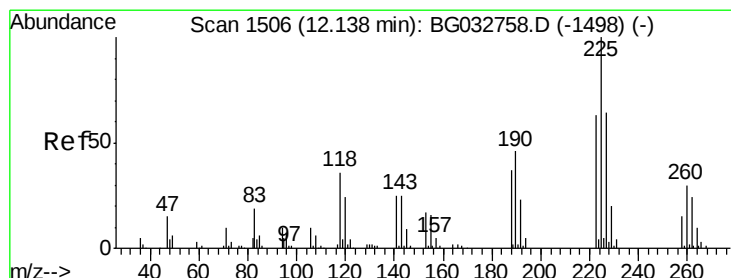
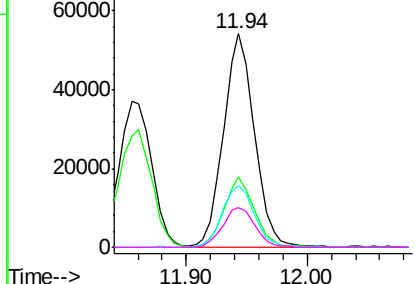
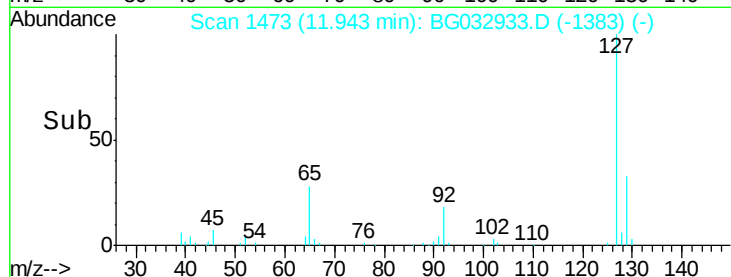
#33
4-Chloroaniline
Concen: 17.963 ng
RT: 11.94 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	96337
Ion Ratio	Lower	Upper
127	100	
129	33.2	24.0 36.0
65	29.0	27.0 40.4
92	18.6	16.6 25.0

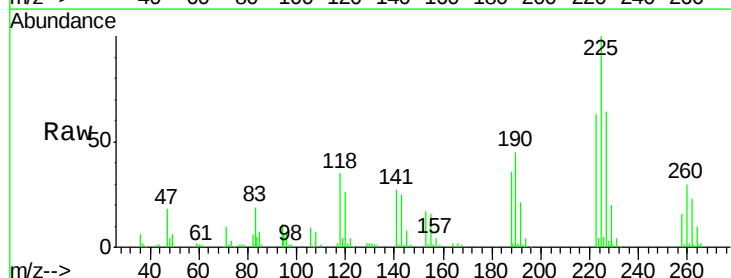


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

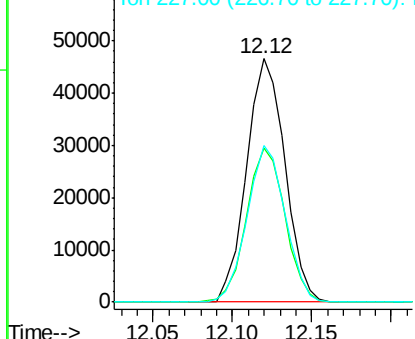
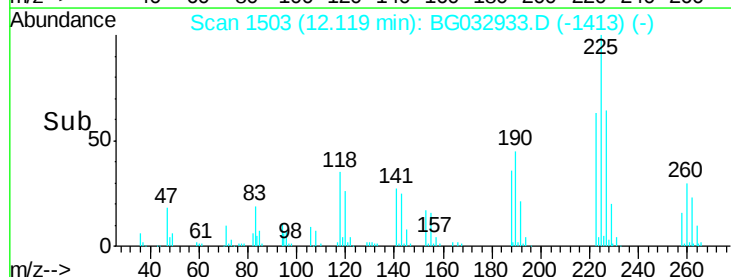


#34
Hexachlorobutadiene
Concen: 37.464 ng
RT: 12.12 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion:225	Resp:	78251
Ion Ratio	Lower	Upper
225	100	
223	63.0	49.7 74.5
227	64.2	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: 51.748 ng

RT: 12.69 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

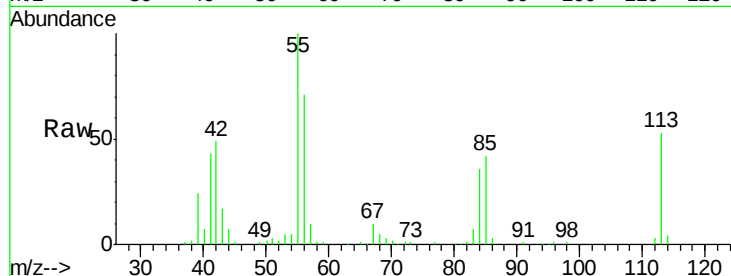
Tot Ion:113 Resp: 65821

Ion Ratio Lower Upper

113 100

55 187.1 186.9 226.9

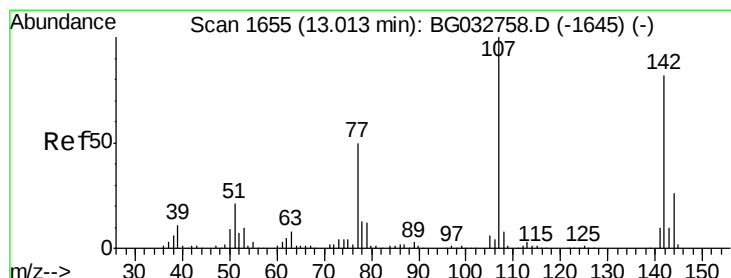
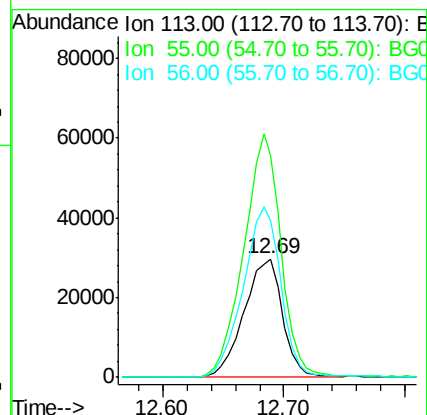
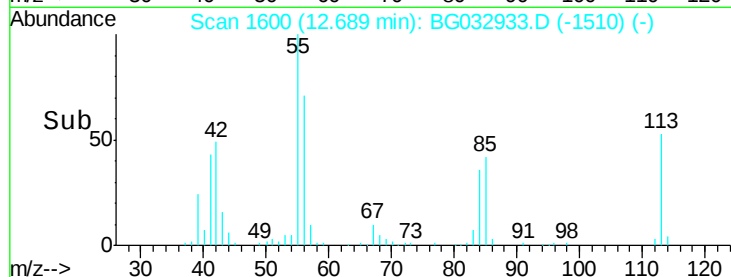
56 132.4 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 52.749 ng

RT: 13.00 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

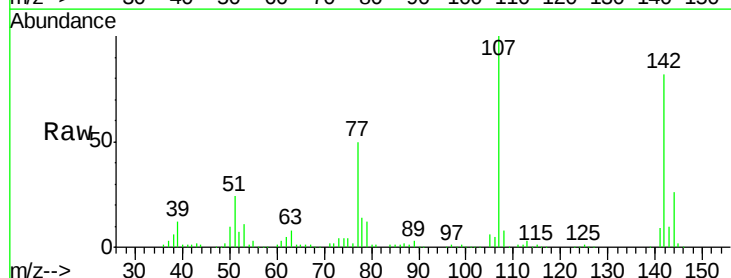
Tgt Ion:107 Resp: 194996

Ion Ratio Lower Upper

107 100

144 26.1 18.2 27.4

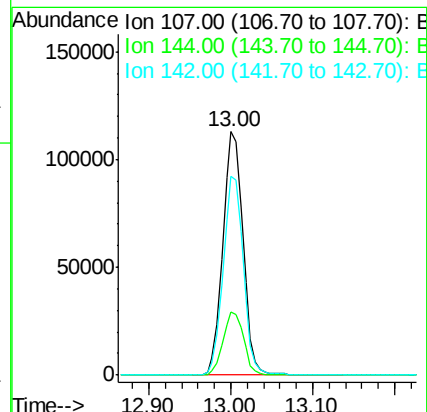
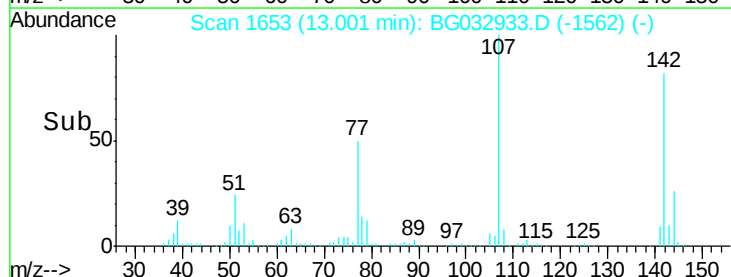
142 81.7 59.0 88.4



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

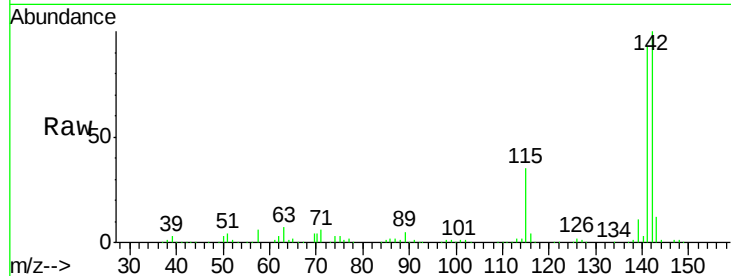




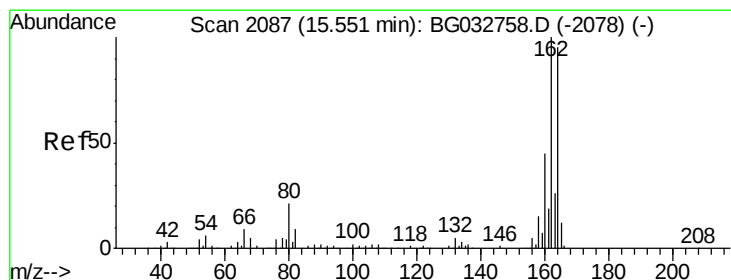
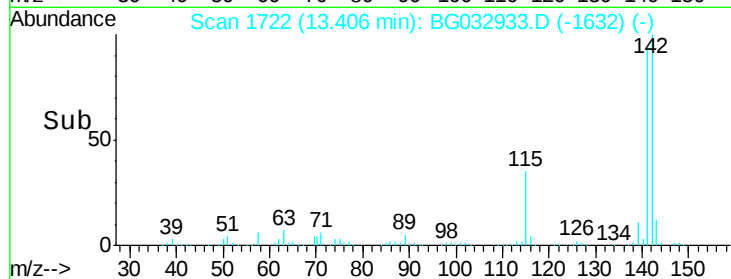
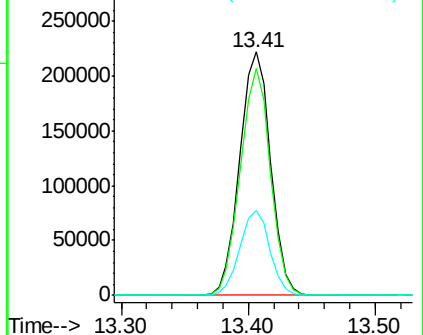
#37
2-Methylnaphthalene
Concen: 43.122 ng
RT: 13.41 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 374206
Ion Ratio Lower Upper
142 100
141 93.1 67.1 100.7
115 34.7 30.7 46.1

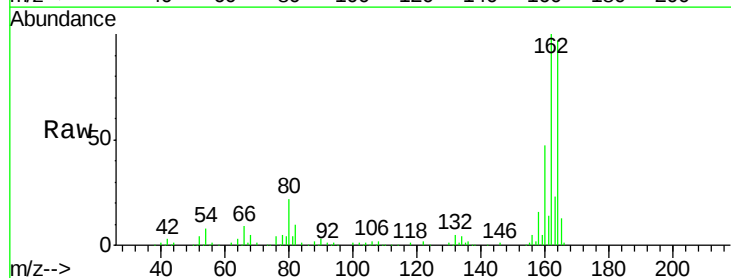


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

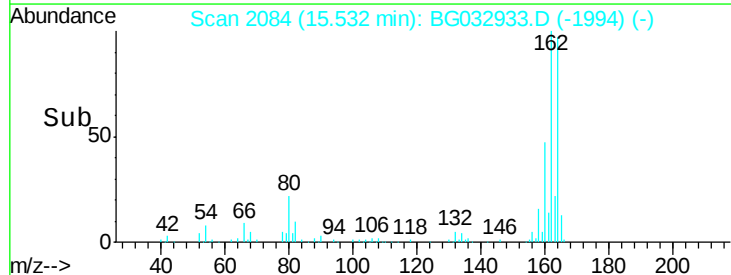
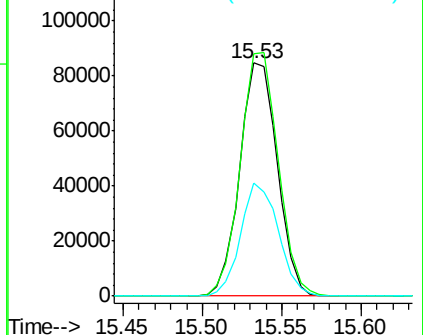


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion:164 Resp: 139764
Ion Ratio Lower Upper
164 100
162 103.6 78.8 118.2
160 48.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.760 ng

RT: 13.76 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BG032933.D

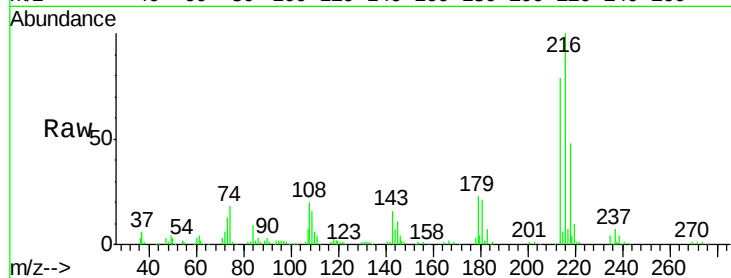
Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampled :

Tot Ion:	216	Resp:	156666
Ion Ratio		Lower	Upper
216	100		
214	79.9	63.0	94.4
179	22.8	17.0	25.6
108	23.6	12.8	19.2#

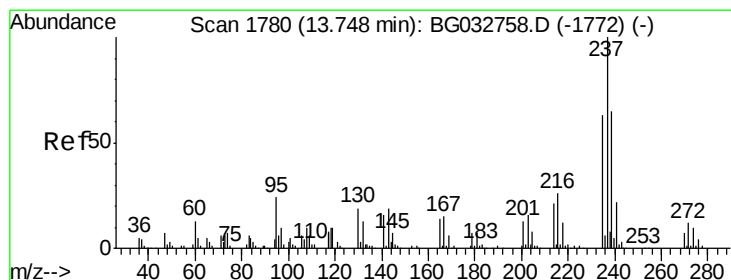
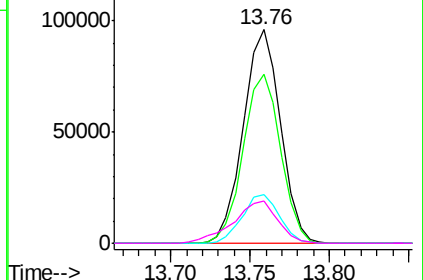
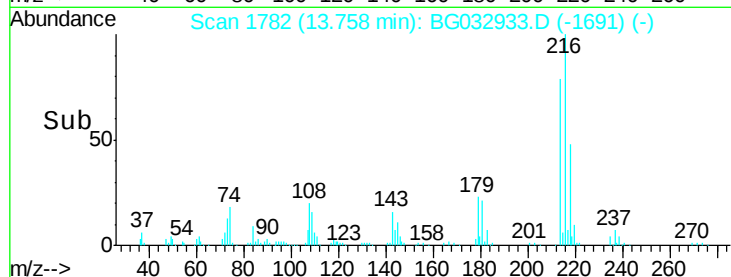


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.876 ng

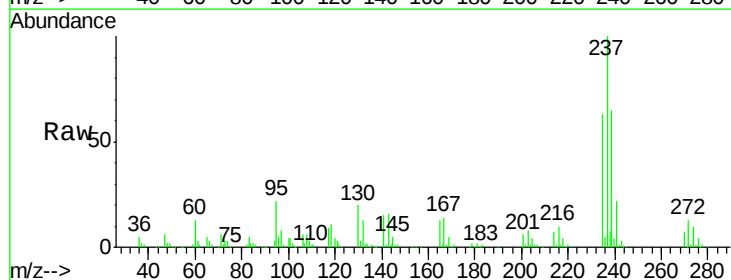
RT: 13.73 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

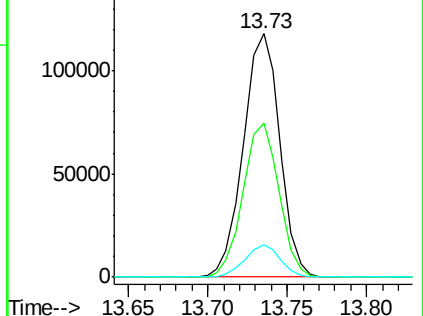
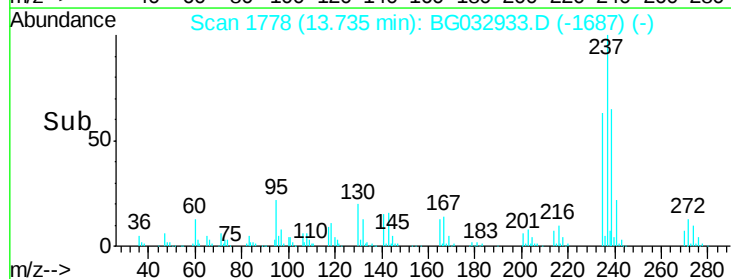
Tgt Ion:	237	Resp:	187924
Ion Ratio		Lower	Upper
237	100		
235	63.0	50.4	90.4
272	13.5	0.0	31.8

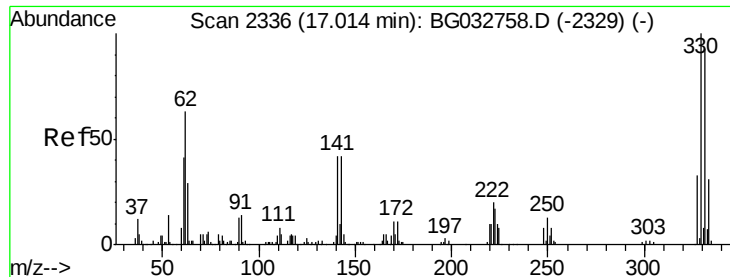


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 134.193 ng

RT: 17.01 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

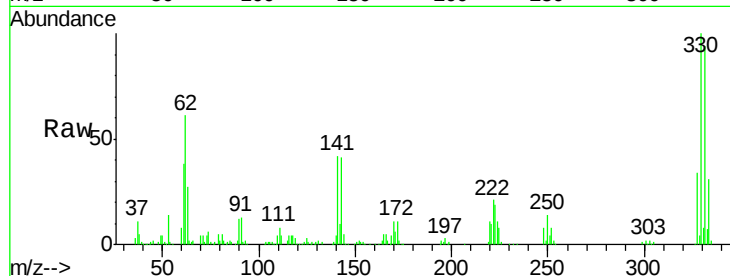
Tot Ion:330 Resp: 197206

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

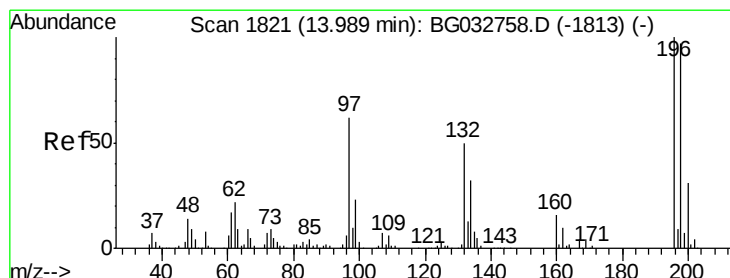
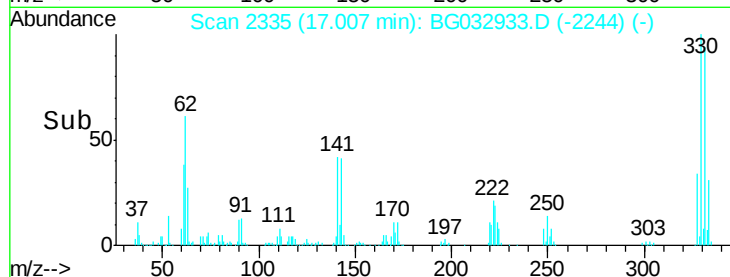
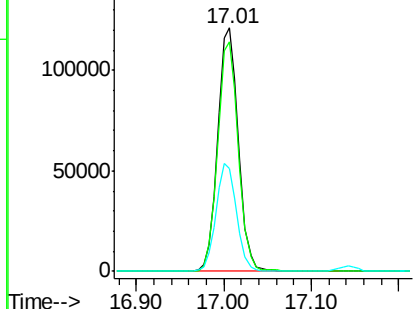
141 44.2 25.2 37.8#



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: 47.917 ng

RT: 13.98 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

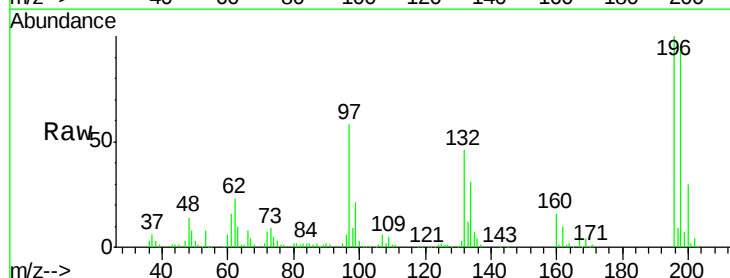
Tgt Ion:196 Resp: 125374

Ion Ratio Lower Upper

196 100

198 95.9 78.2 117.2

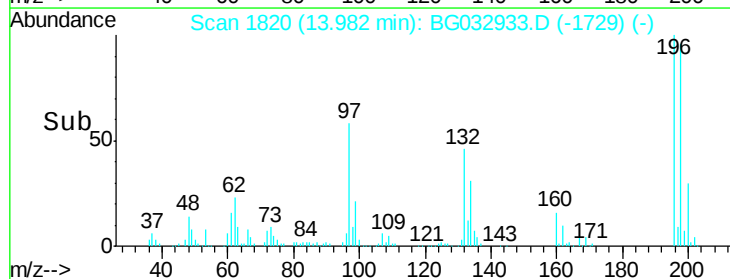
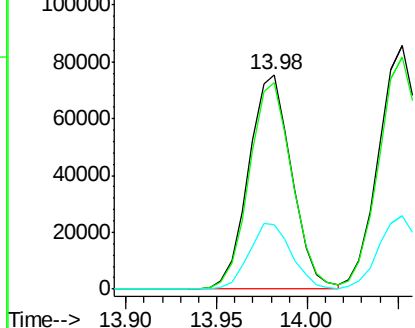
200 29.9 24.6 36.8



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

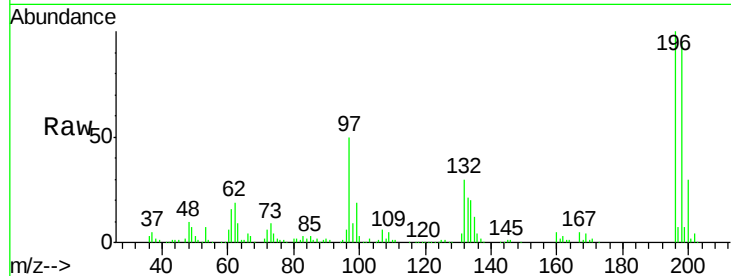




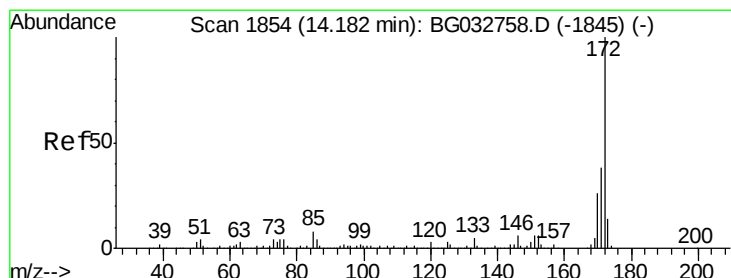
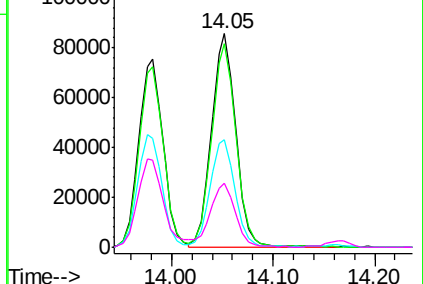
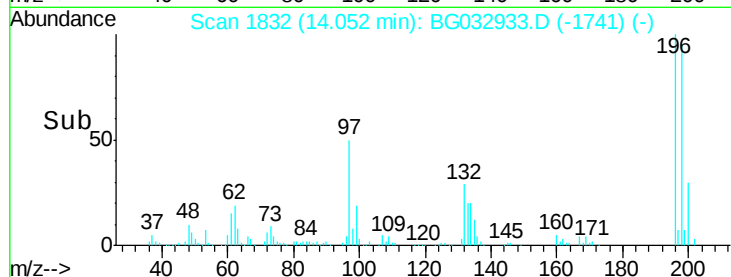
#43
 2,4,5-Trichlorophenol
 Concen: 46.674 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 141342
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.2 114.4
 97 50.4 38.7 58.1
 132 29.7 20.2 30.2

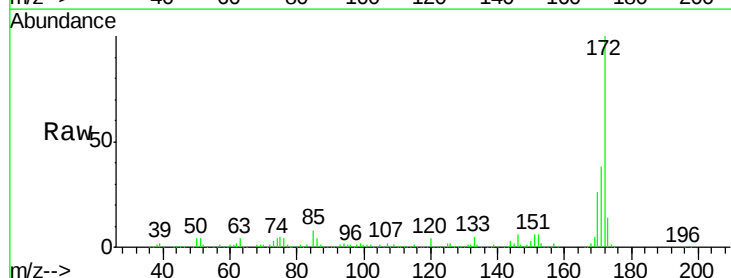


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

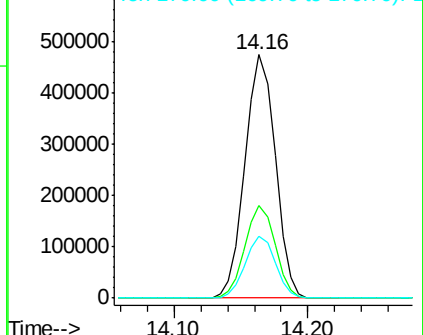
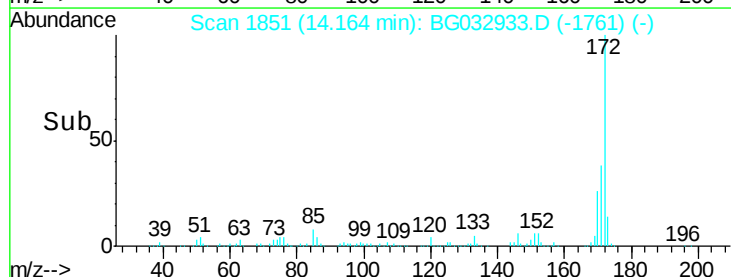


#44
 2-Fluorobiphenyl
 Concen: 76.720 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion:172 Resp: 743470
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 25.5 19.5 29.3



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

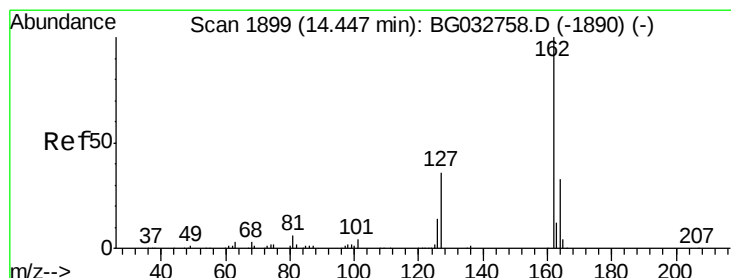
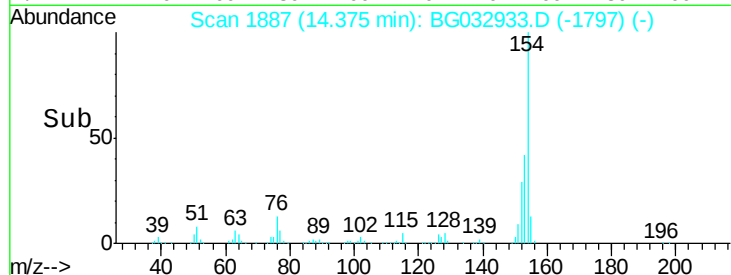
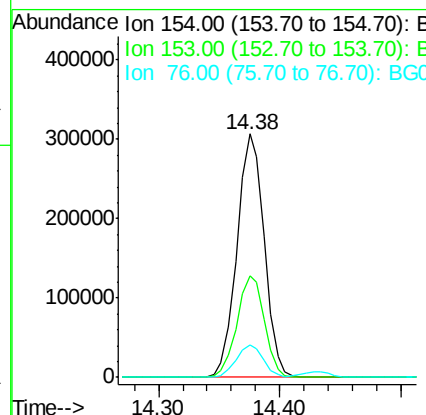
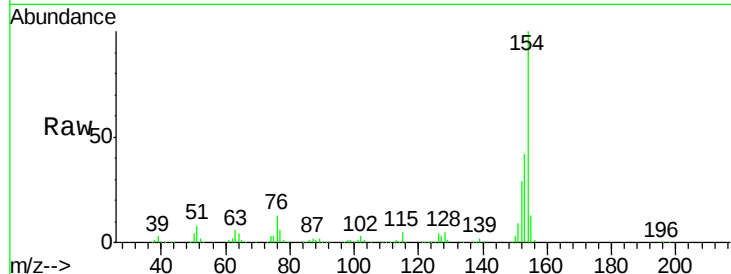




#45
 1,1'-Biphenyl
 Concen: 39.310 ng
 RT: 14.38 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

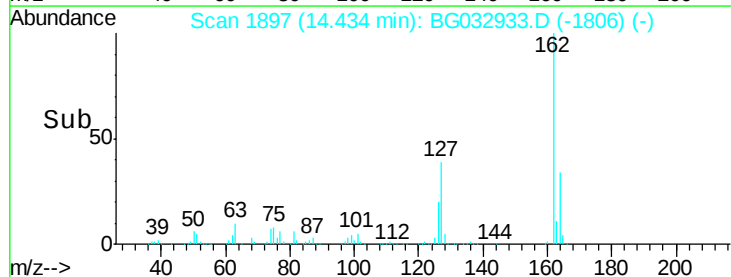
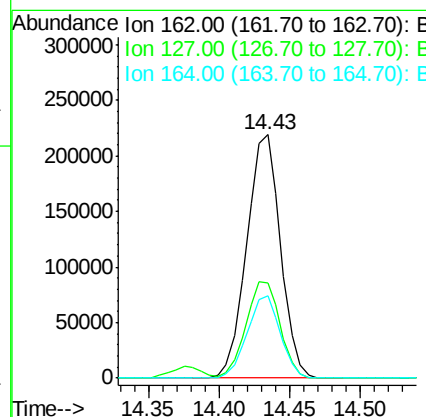
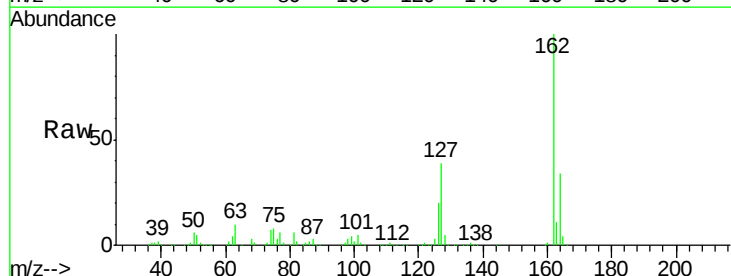
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.8	59.8
76	13.3	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 40.132 ng
 RT: 14.43 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.7	46.1
164	33.7	26.0	39.0

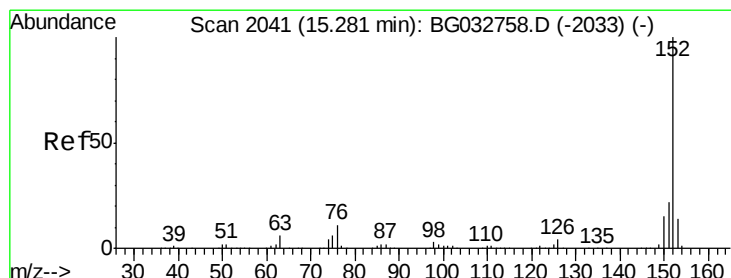
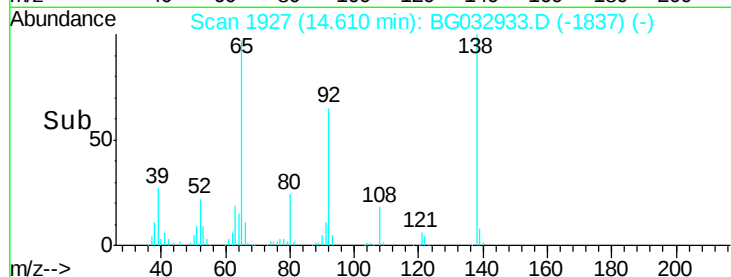
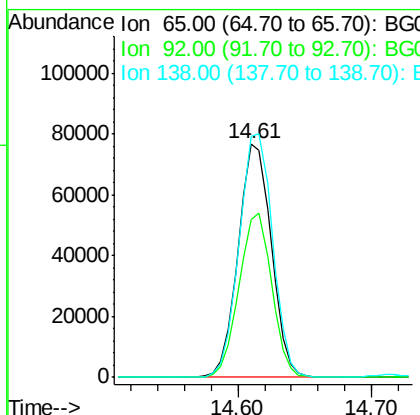
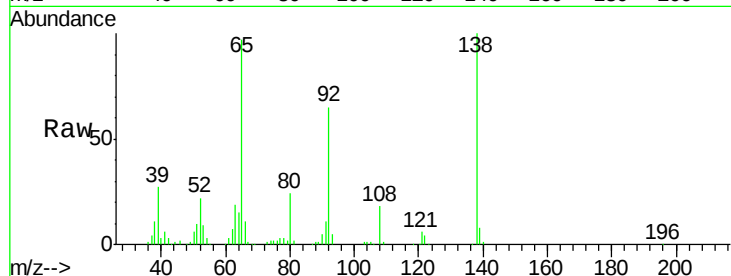




#47
2-Nitroaniline
Concen: 55.512 ng
RT: 14.61 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

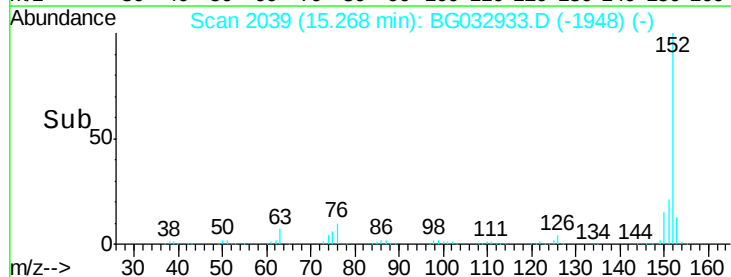
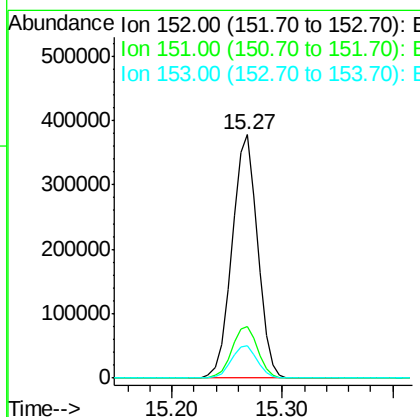
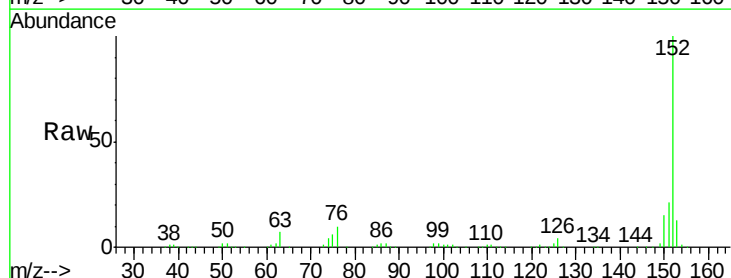
Instrument :
BNA_G
ClientSampleId :

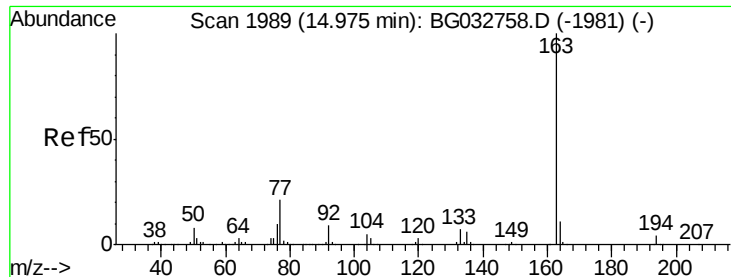
Tot Ion: 65 Resp: 132177
Ion Ratio Lower Upper
65 100
92 67.4 54.6 82.0
138 103.0 72.9 109.3



#48
Acenaphthylene
Concen: 40.840 ng
RT: 15.27 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion: 152 Resp: 610012
Ion Ratio Lower Upper
152 100
151 21.1 17.2 25.8
153 13.2 10.2 15.4





#49

Dimethylphthalate

Concen: 42.317 ng

RT: 14.96 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

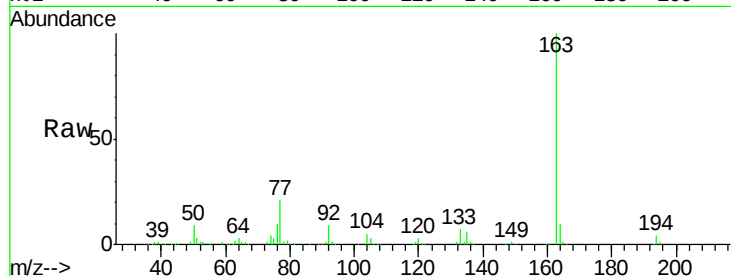
Tot Ion:163 Resp: 502187

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

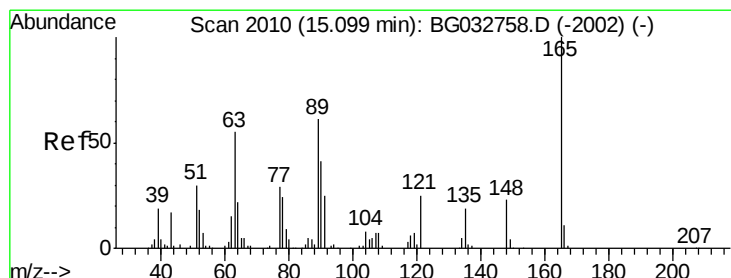
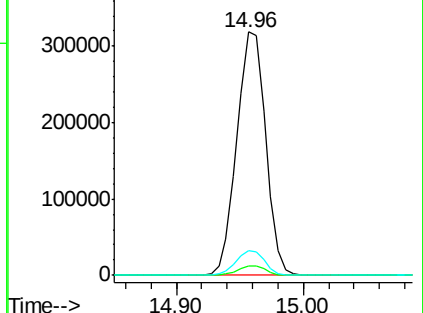
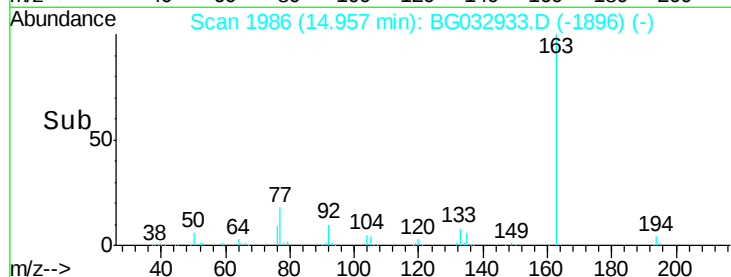
164 10.3 8.2 12.4



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: 54.851 ng

RT: 15.09 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

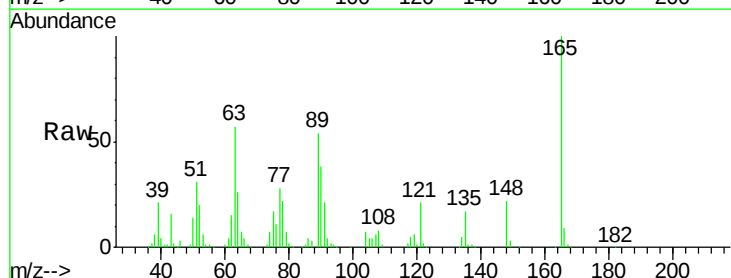
Tgt Ion:165 Resp: 110802

Ion Ratio Lower Upper

165 100

63 56.6 52.7 79.1

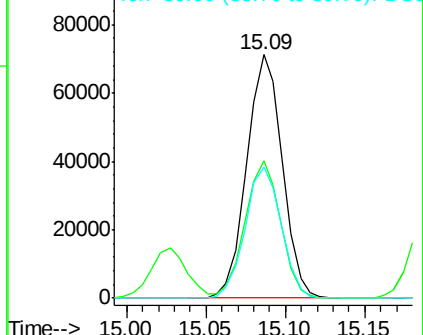
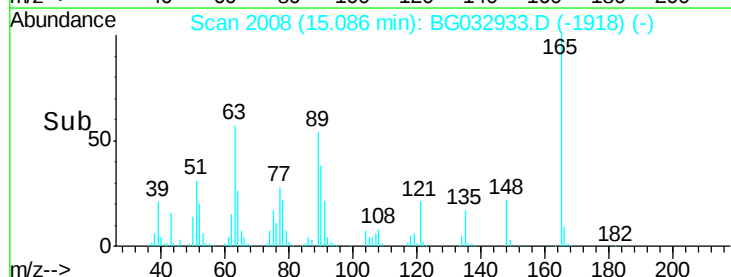
89 53.9 49.2 73.8

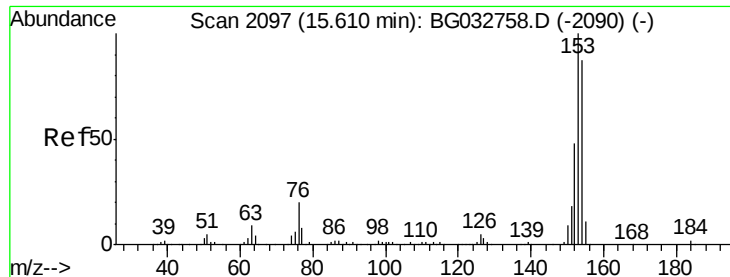


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.219 ng

RT: 15.60 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

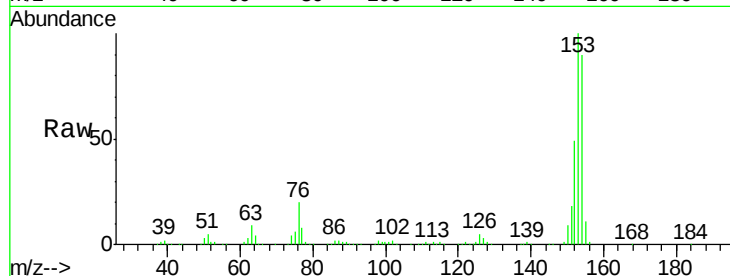
Tot Ion:154 Resp: 374129

Ion Ratio Lower Upper

154 100

153 111.6 90.4 135.6

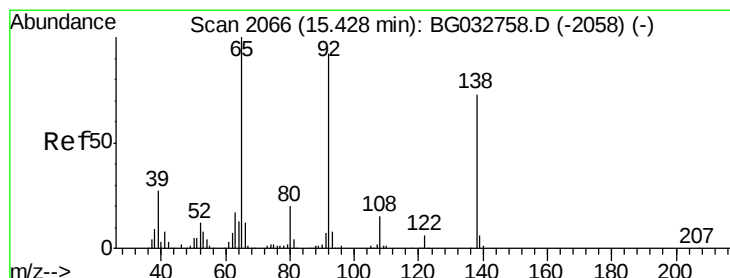
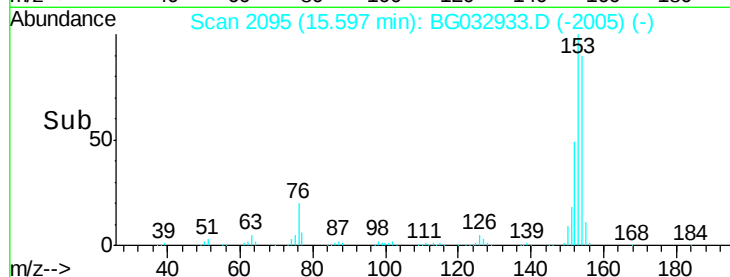
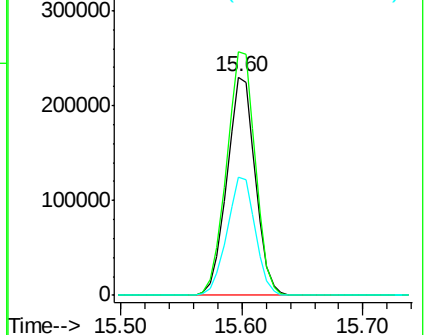
152 54.1 41.6 62.4



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: 34.188 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

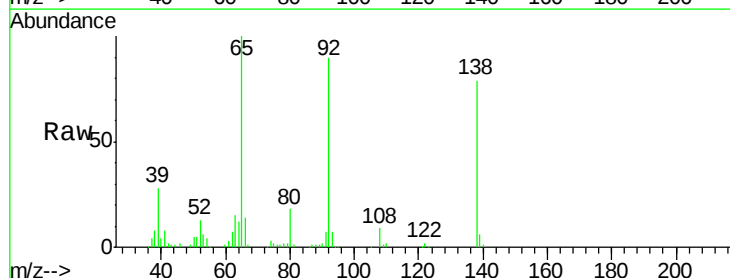
Tgt Ion:138 Resp: 76818

Ion Ratio Lower Upper

138 100

108 11.2 17.5 26.3#

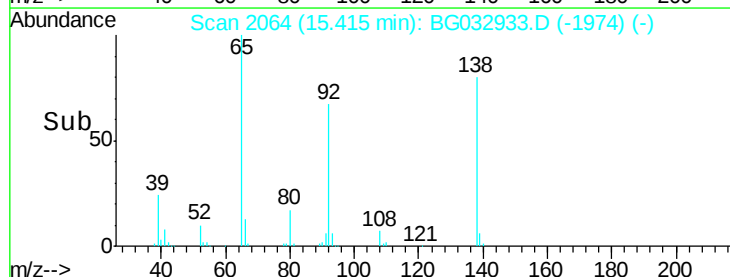
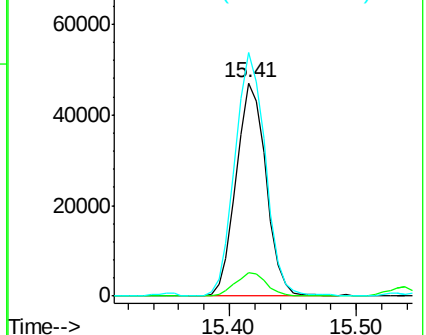
92 114.2 105.8 158.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

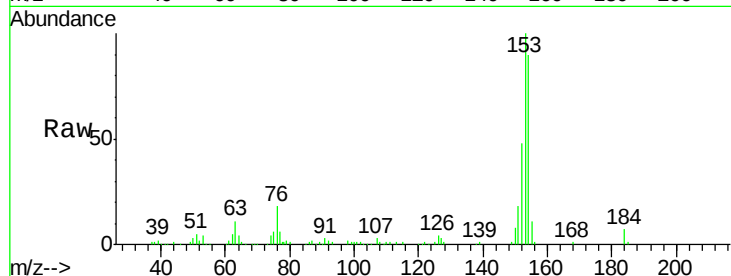




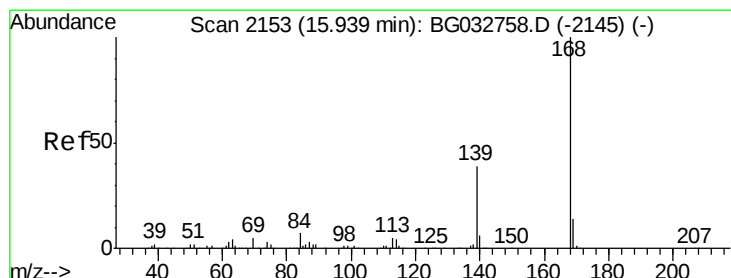
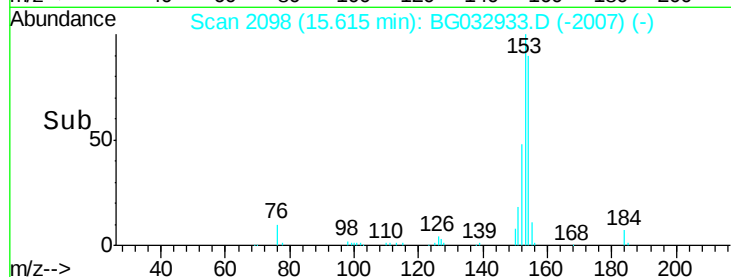
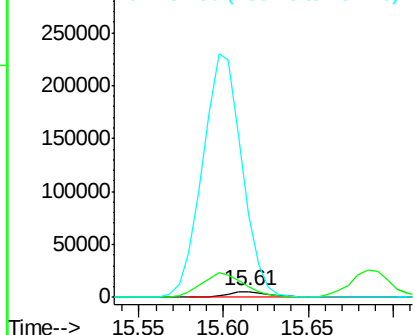
#53
2,4-Dinitrophenol
Concen: 23.776 ng
RT: 15.61 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 9990
Ion Ratio Lower Upper
184 100
63 166.0 59.8 89.8#
154 1361.8 101.8 152.8#

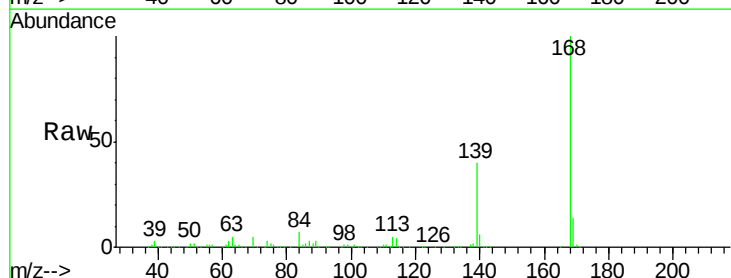


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

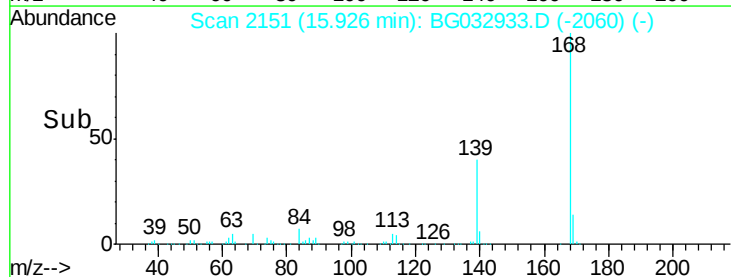
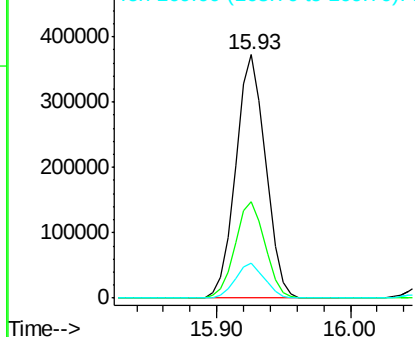


#54
Dibenzofuran
Concen: 43.476 ng
RT: 15.93 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion:168 Resp: 575860
Ion Ratio Lower Upper
168 100
139 39.9 28.6 43.0
169 14.4 11.2 16.8



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

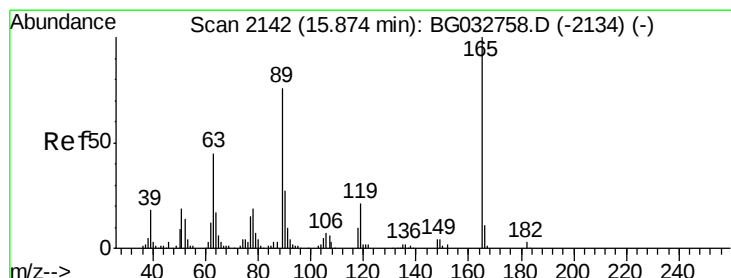
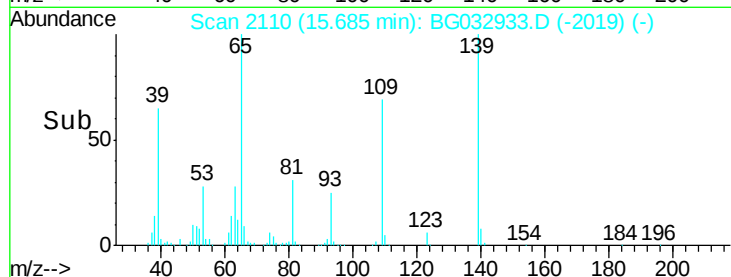
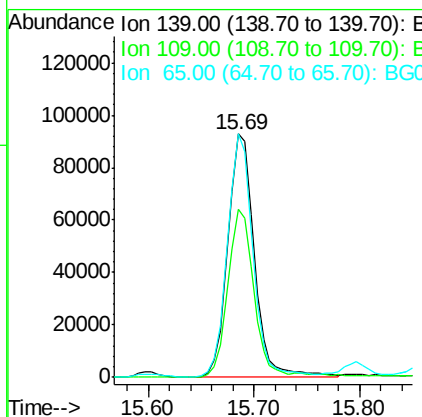
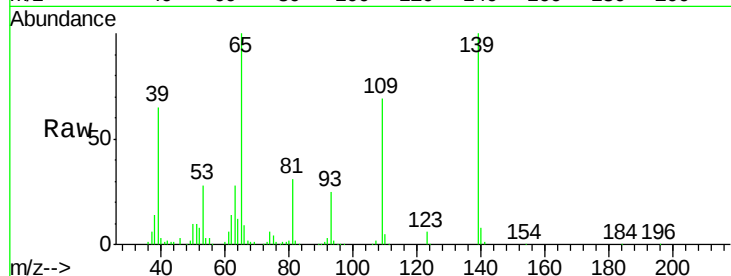




#55
4-Nitrophenol
Concen: 82.556 ng
RT: 15.69 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

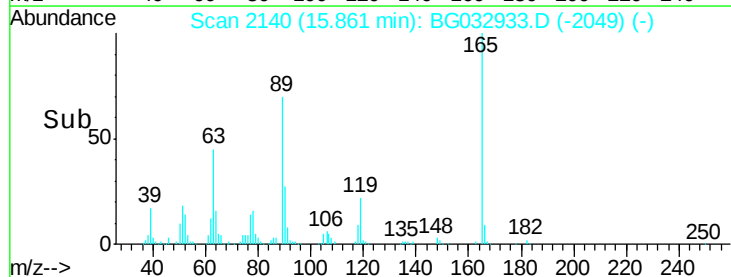
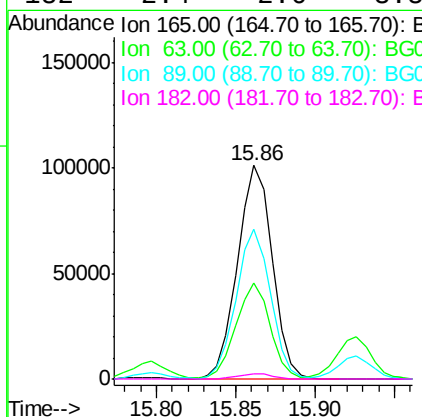
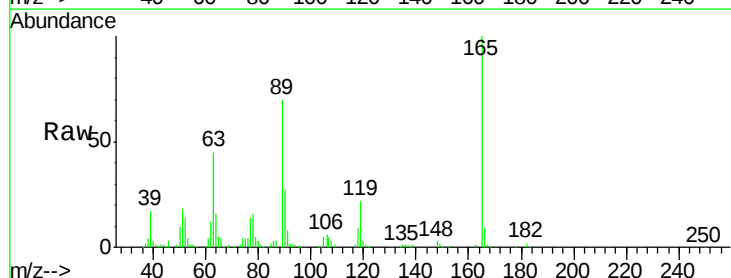
Instrument :
BNA_G
ClientSampleId :

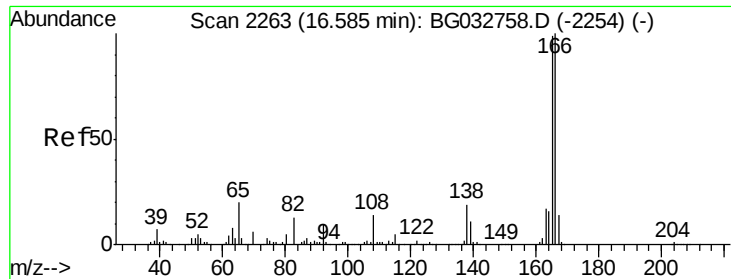
Tot Ion:139 Resp: 160916
Ion Ratio Lower Upper
139 100
109 68.9 62.2 102.2
65 100.1 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 62.172 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion:165 Resp: 154672
Ion Ratio Lower Upper
165 100
63 44.9 42.0 63.0
89 70.0 66.9 100.3
182 2.4 2.6 3.8#





#57

Fluorene

Concen: 43.200 ng

RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

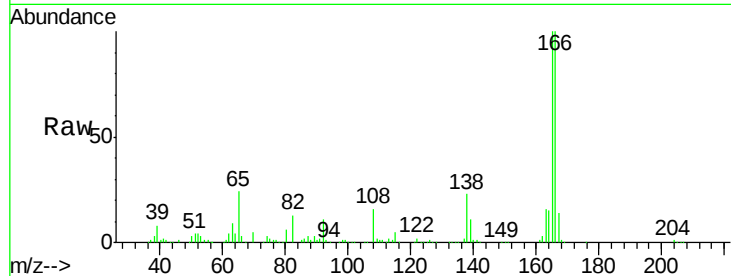
Tot Ion:166 Resp: 472279

Ion Ratio Lower Upper

166 100

165 100.0 80.6 121.0

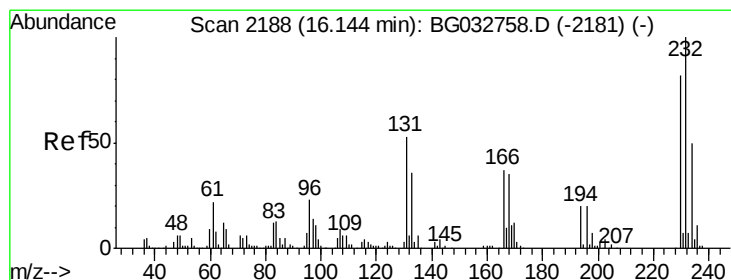
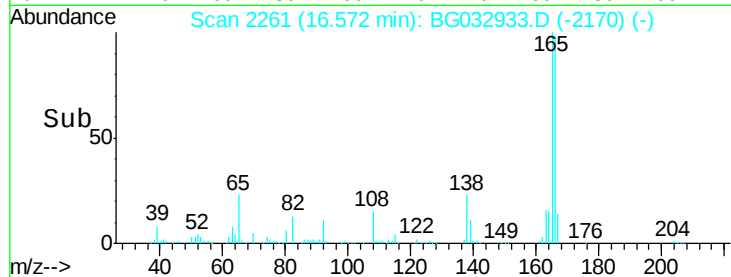
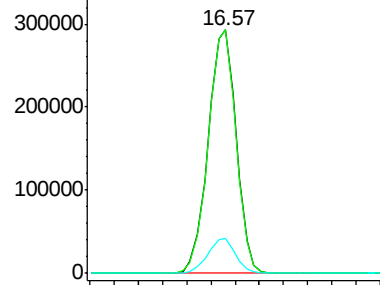
167 14.3 10.4 15.6



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: 49.107 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.08 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Tgt Ion:232 Resp: 115457

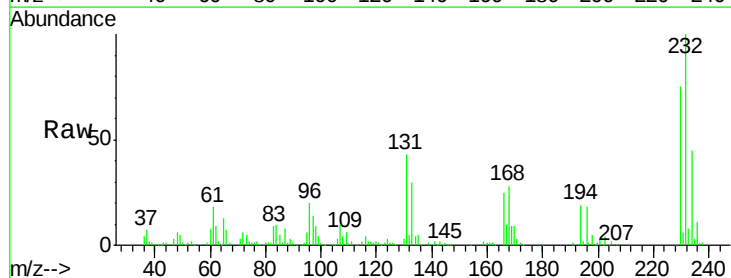
Ion Ratio Lower Upper

232 100

131 45.0 33.5 50.3

130 3.1 2.2 3.2

166 27.5 24.8 37.2

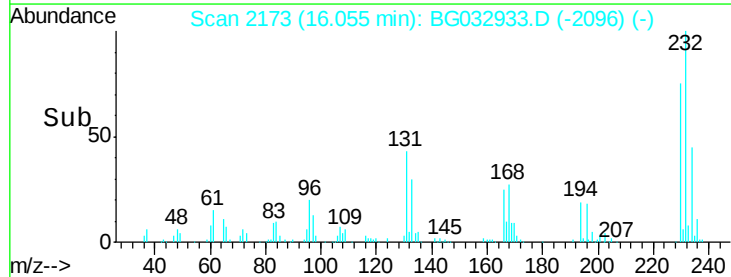
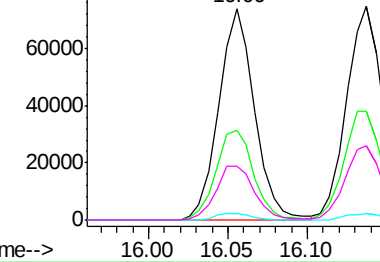


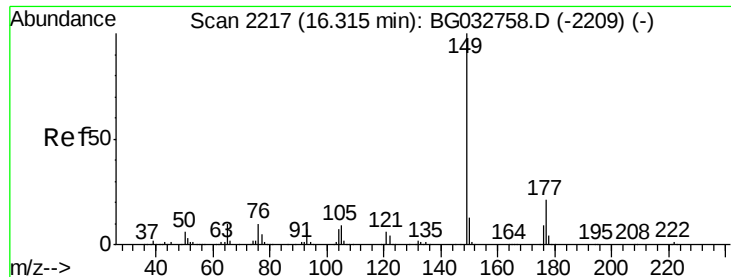
Abundance Ion 232.00 (231.70 to 232.70): E

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

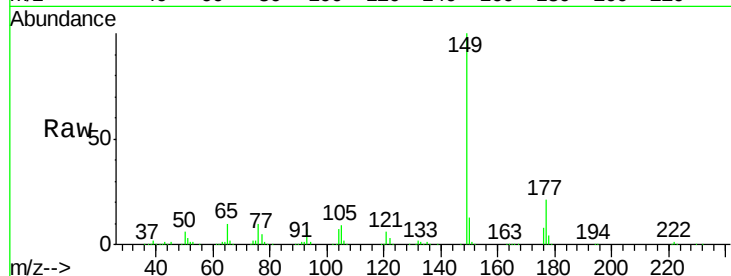




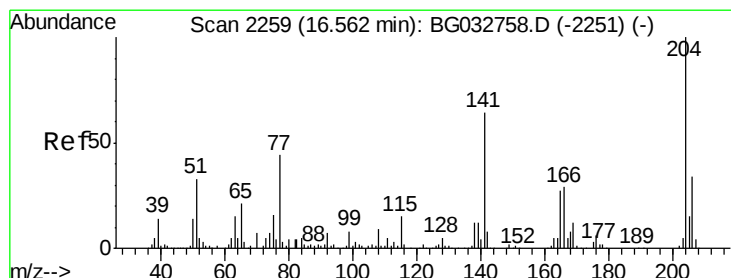
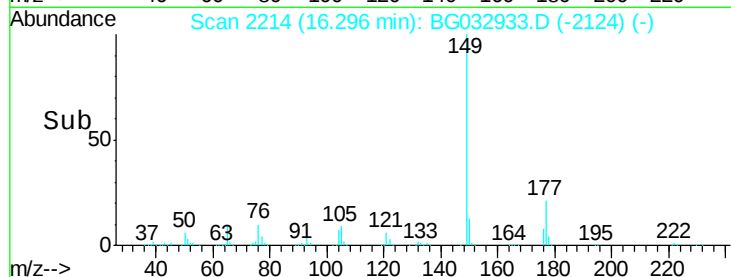
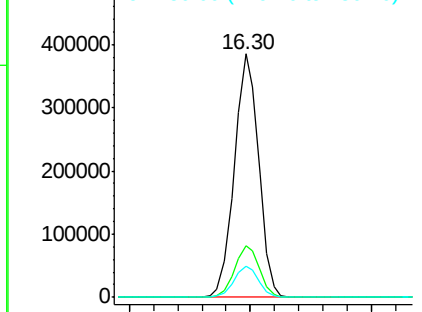
#59
Diethylphthalate
Concen: 42.934 ng
RT: 16.30 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 537401
Ion Ratio Lower Upper
149 100
177 21.2 18.5 27.7
150 12.8 10.2 15.2

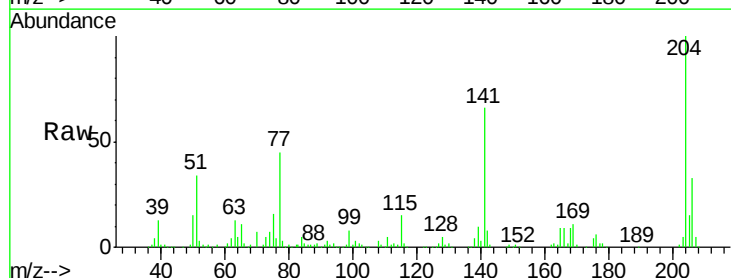


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

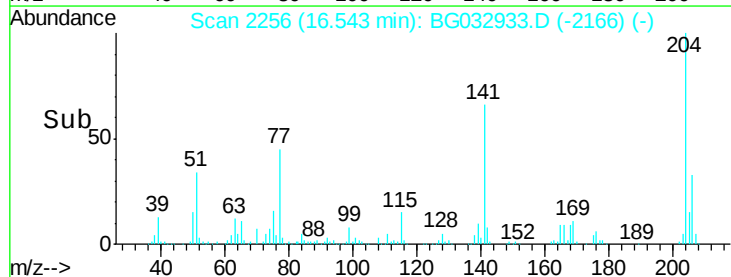
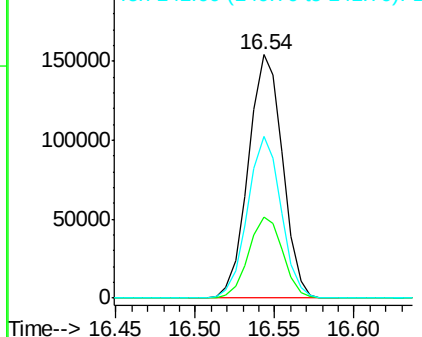


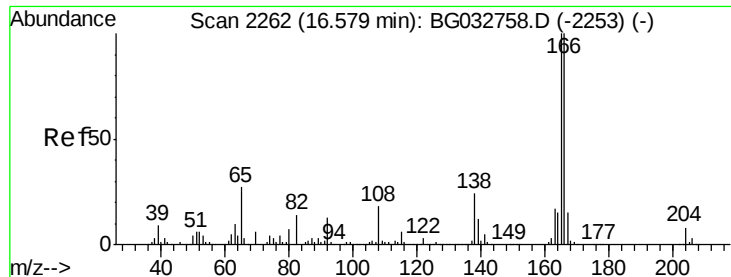
#60
4-Chlorophenyl-phenylether
Concen: 43.217 ng
RT: 16.54 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion:204 Resp: 231122
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 66.4 45.8 68.6



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

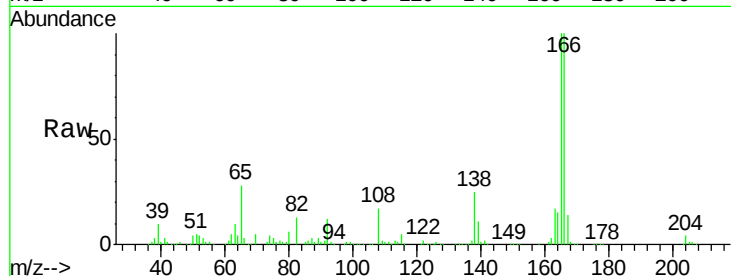




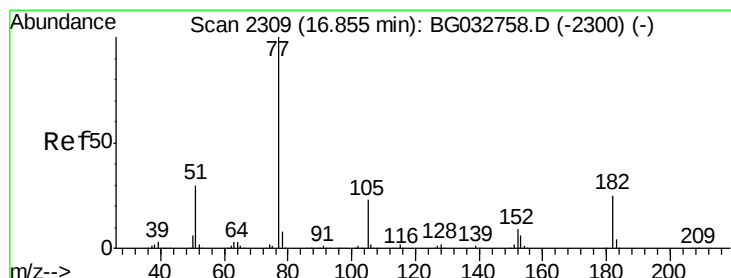
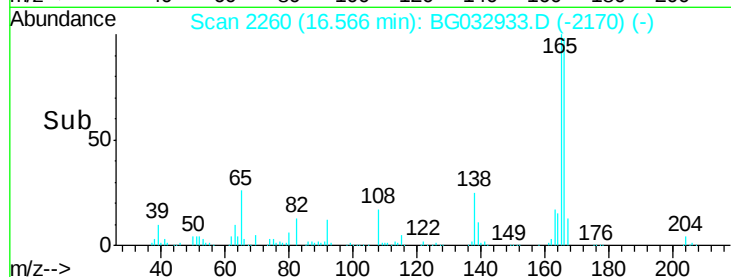
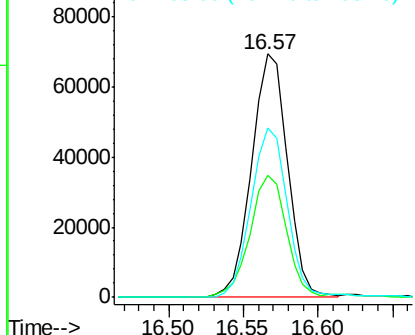
#61
4-Nitroaniline
Concen: 45.345 ng
RT: 16.57 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 115649
Ion Ratio Lower Upper
138 100
92 50.4 40.1 80.1
108 69.4 65.4 105.4

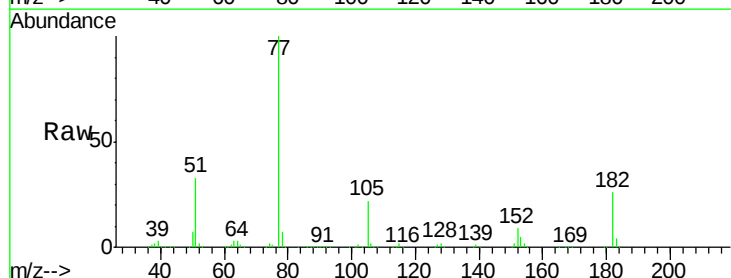


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

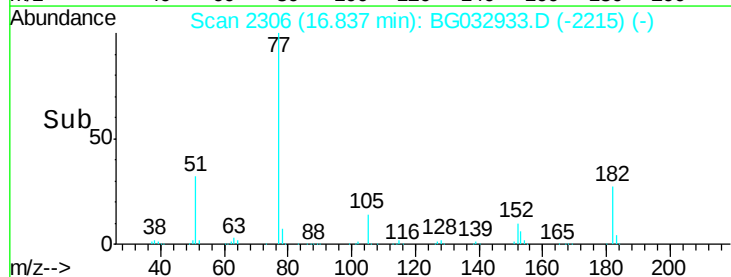
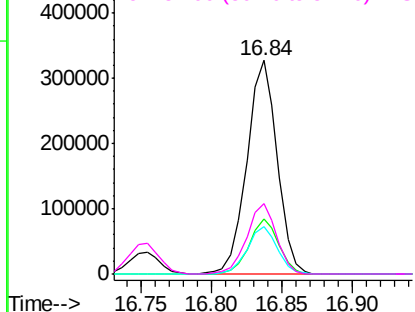


#62
Azobenzene
Concen: 43.704 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion: 77 Resp: 489383
Ion Ratio Lower Upper
77 100
182 25.5 7.4 47.4
105 22.3 0.3 40.3
51 32.9 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampled :

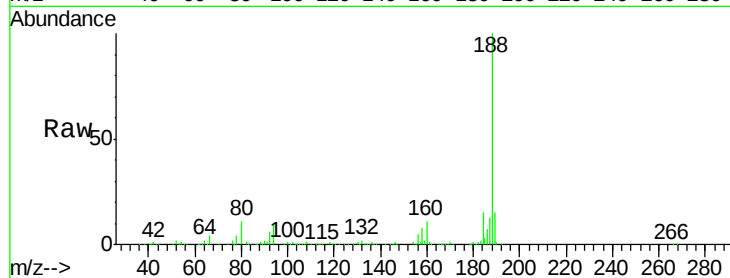
Tot Ion:188 Resp: 325066

Ion Ratio Lower Upper

188 100

94 9.8 6.9 10.3

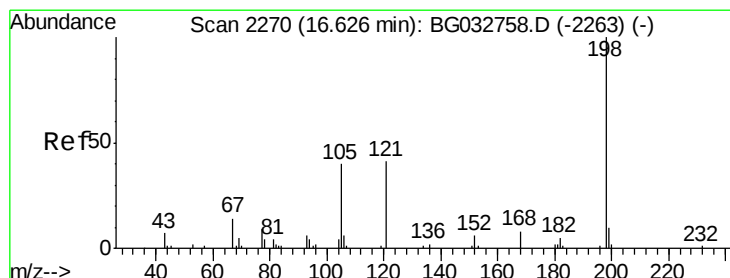
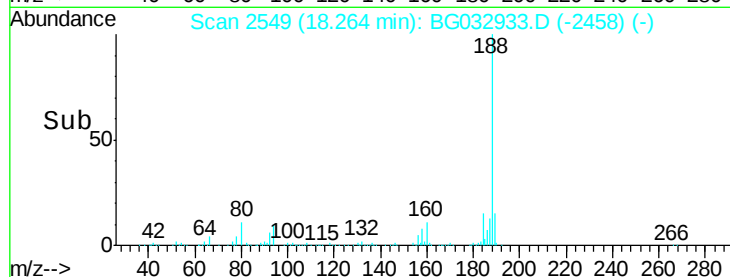
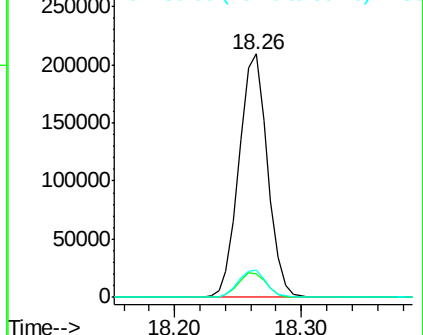
80 11.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 26.553 ng

RT: 16.62 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

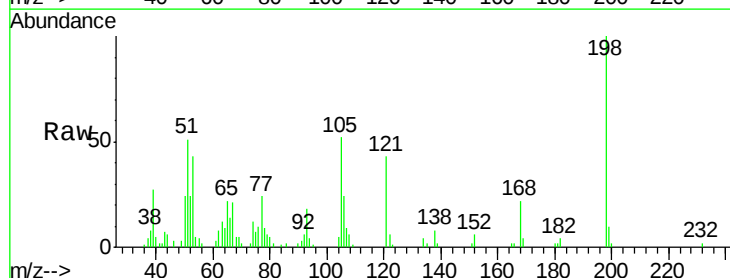
Tgt Ion:198 Resp: 19580

Ion Ratio Lower Upper

198 100

51 51.2 30.6 70.6

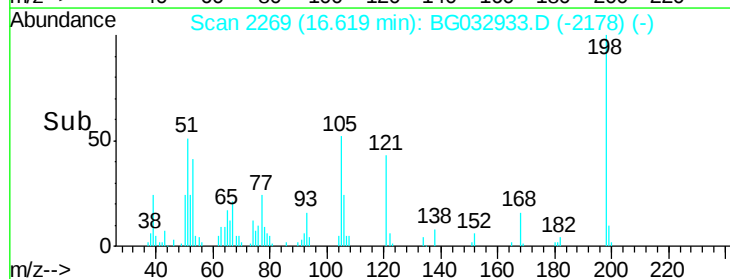
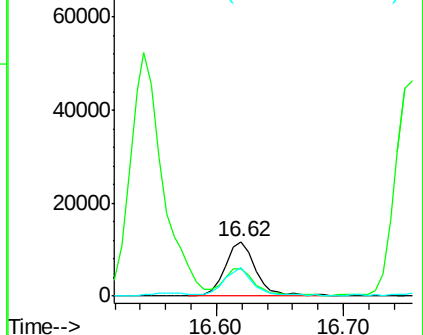
105 52.1 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.837 ng

RT: 16.75 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

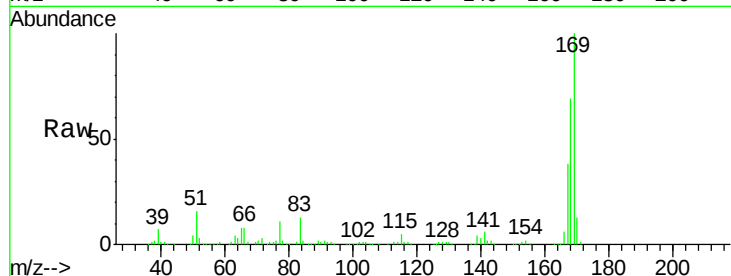
Tot Ion:169 Resp: 442422

Ion Ratio Lower Upper

169 100

168 69.3 55.7 83.5

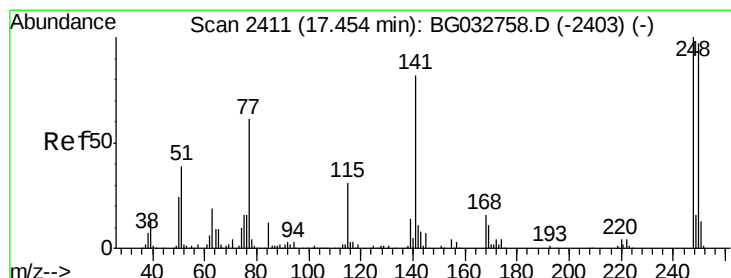
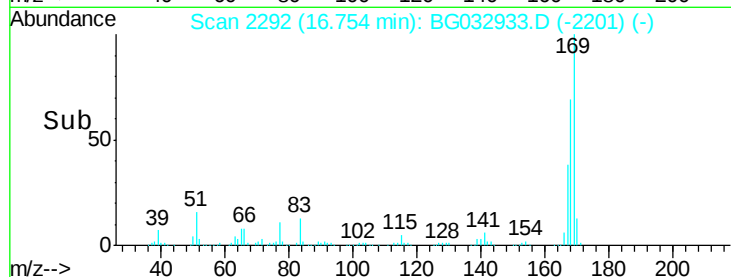
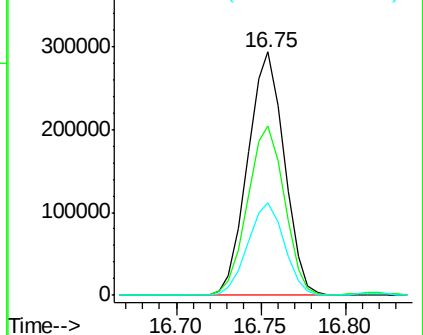
167 38.2 30.1 45.1



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: 40.424 ng

RT: 17.44 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

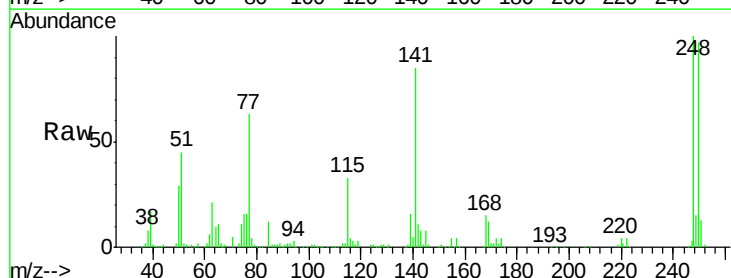
Tgt Ion:248 Resp: 138945

Ion Ratio Lower Upper

248 100

250 97.2 77.1 115.7

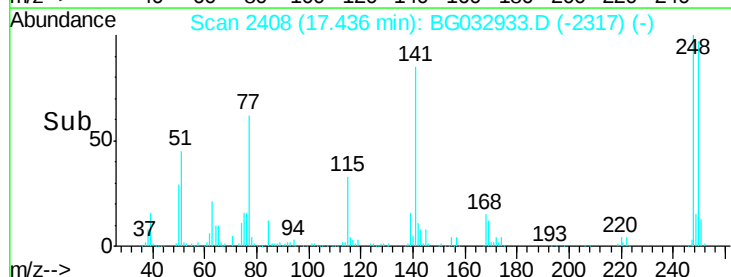
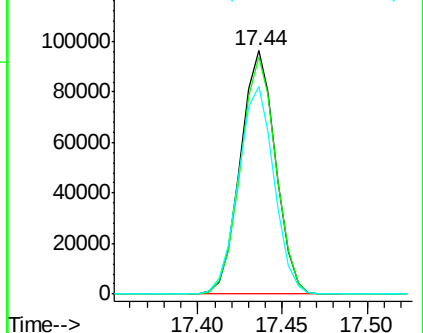
141 85.2 50.8 76.2#



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: 38.712 ng

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

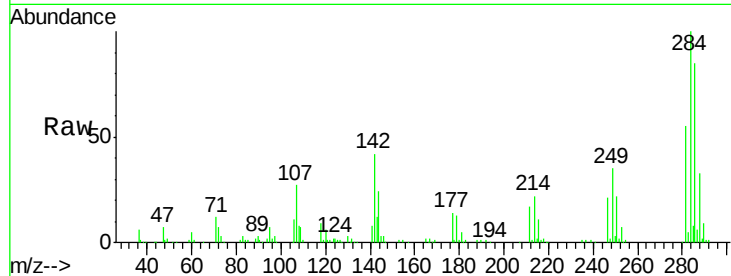
Tot Ion:284 Resp: 143795

Ion Ratio Lower Upper

284 100

142 42.4 26.8 40.2#

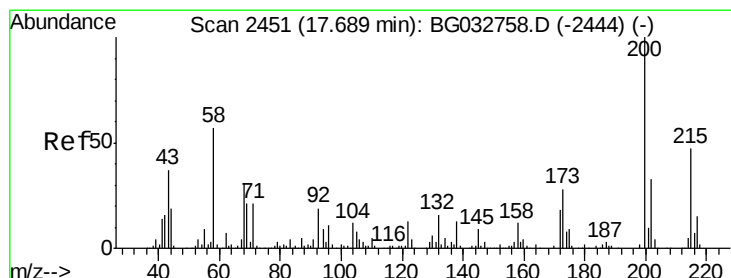
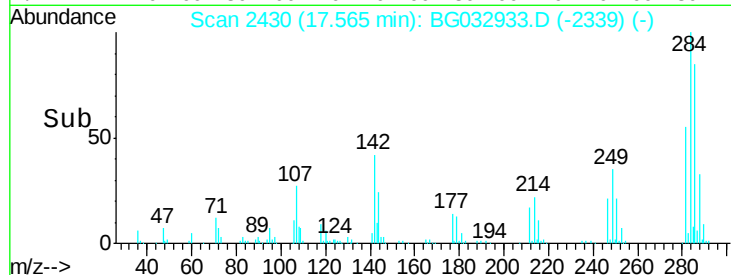
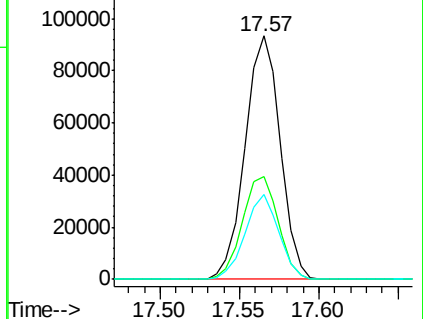
249 35.0 26.3 39.5



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: 43.430 ng

RT: 17.67 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

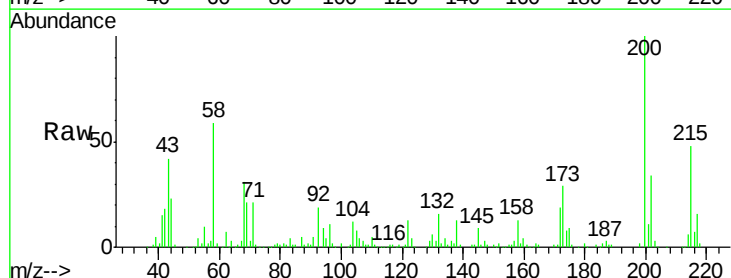
Tgt Ion:200 Resp: 151174

Ion Ratio Lower Upper

200 100

173 29.2 5.2 45.2

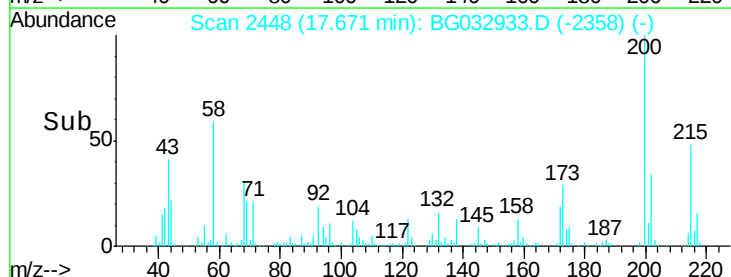
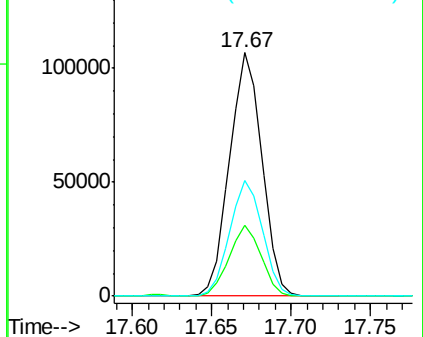
215 47.6 30.4 70.4

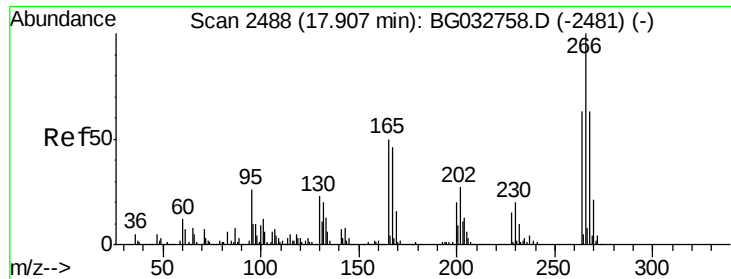


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

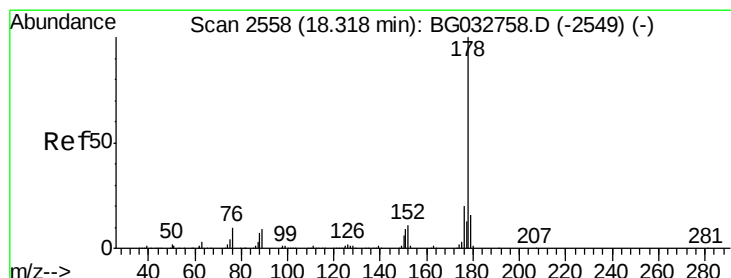
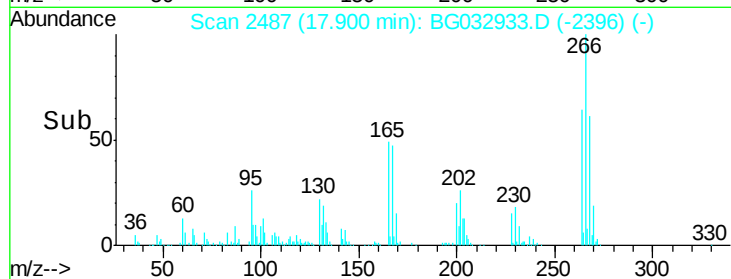
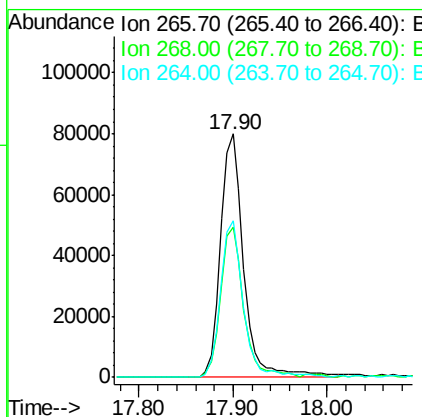
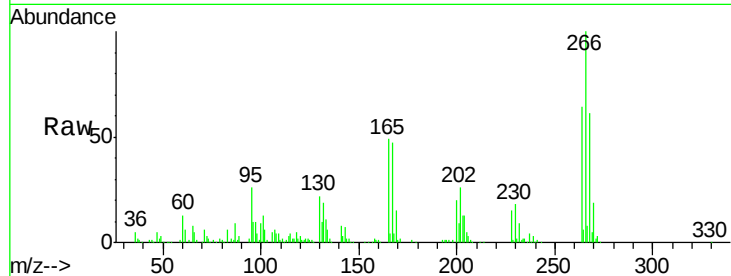




#69
 Pentachlorophenol
 Concen: 58.775 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

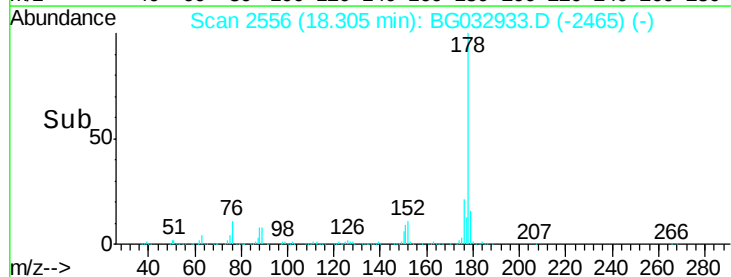
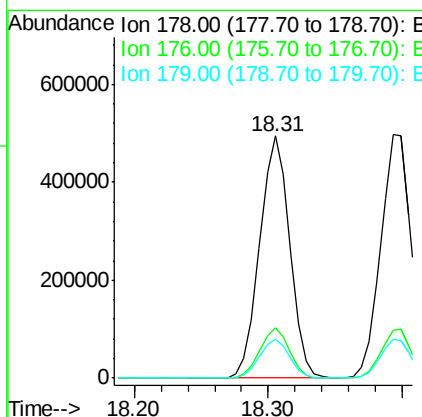
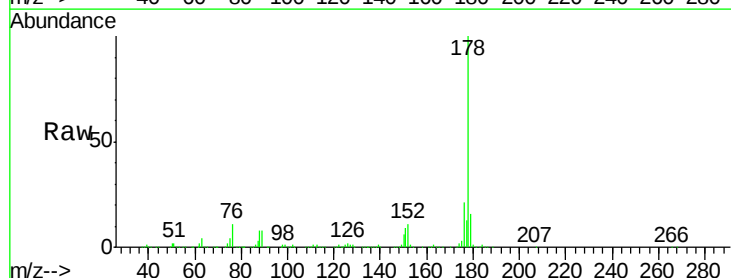
Instrument :
 BNA_G
 ClientSampleId :

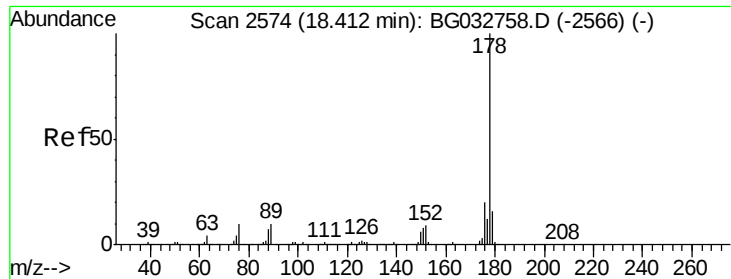
Tot Ion:266 Resp: 137514
 Ion Ratio Lower Upper
 266 100
 268 61.4 51.1 76.7
 264 64.1 49.6 74.4



#70
 Phenanthrene
 Concen: 42.287 ng
 RT: 18.31 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion:178 Resp: 766895
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.7 23.5
 179 15.9 12.5 18.7

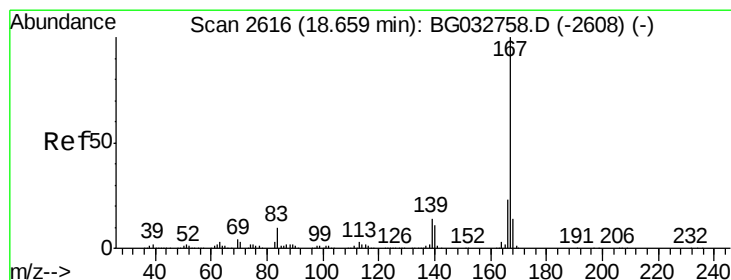
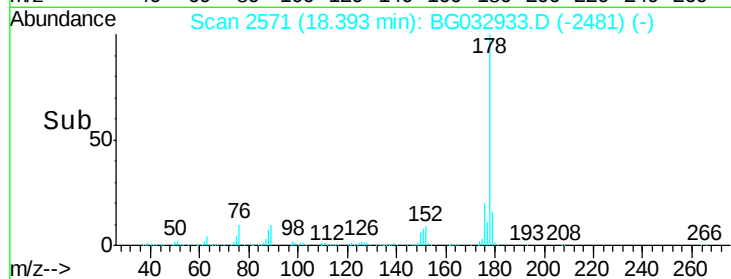
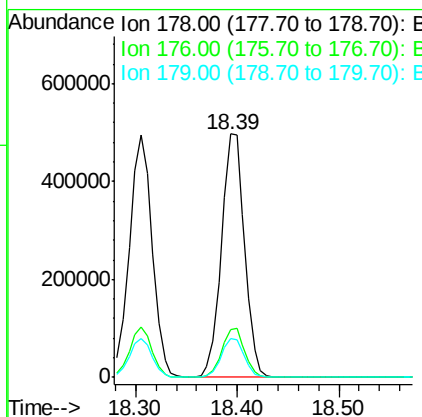
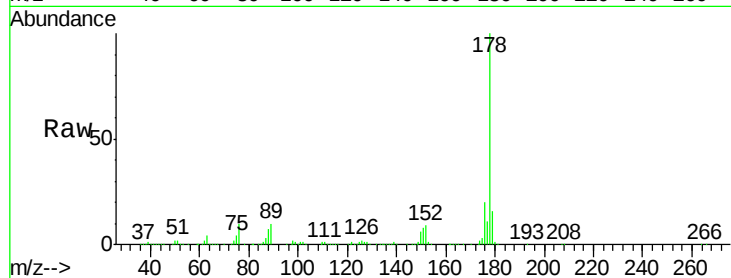




#71
 Anthracene
 Concen: 43.139 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

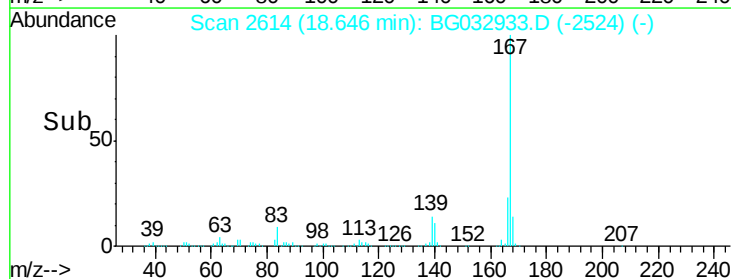
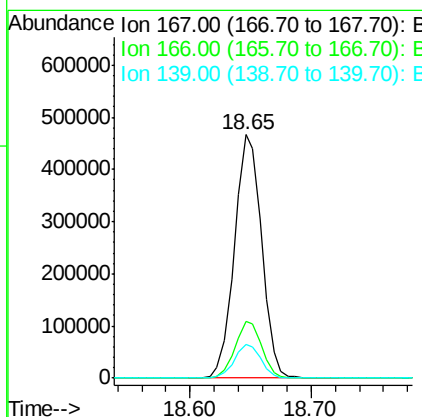
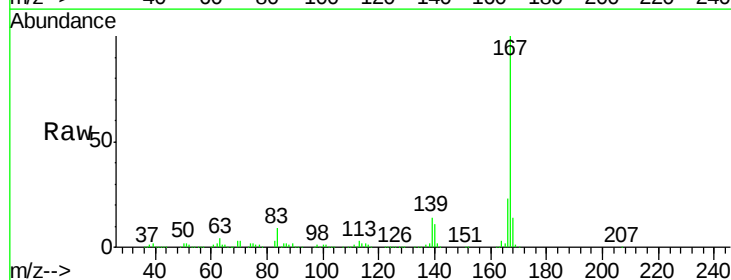
Instrument :
 BNA_G
 ClientSampleId :

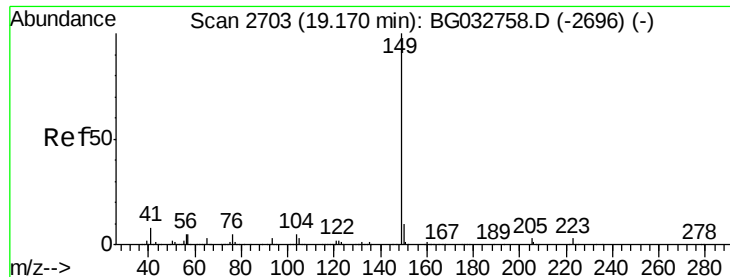
Tot Ion:178 Resp: 785431
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 40.841 ng
 RT: 18.65 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion:167 Resp: 732930
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.2 27.4
 139 13.6 9.4 14.2





#73

Di-n-butylphthalate

Concen: 41.524 ng

RT: 19.15 min Scan# 2700

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

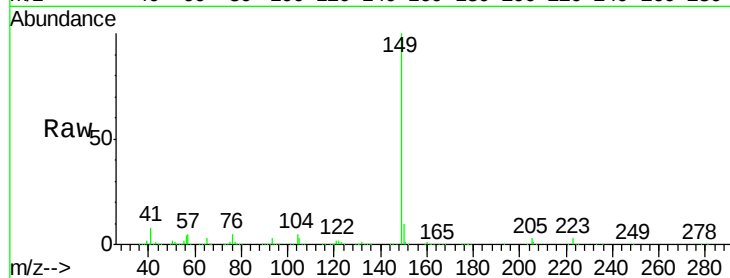
Tot Ion:149 Resp: 914206

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

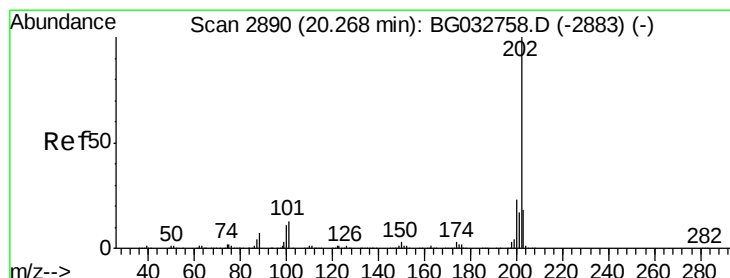
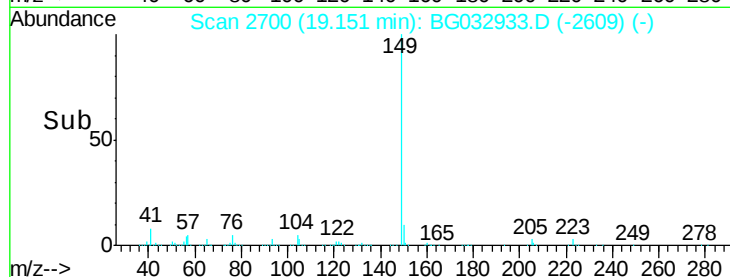
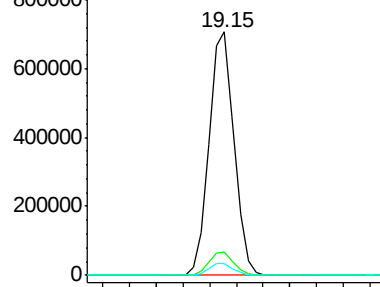
104 4.9 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.350 ng

RT: 20.26 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

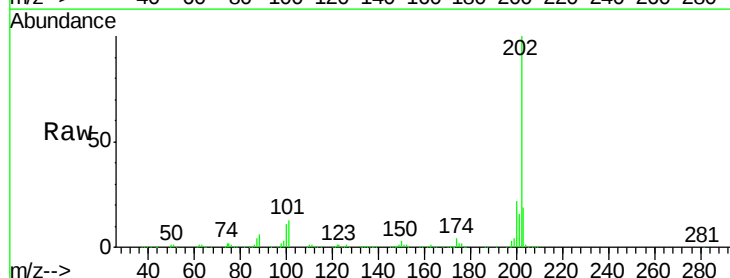
Tgt Ion:202 Resp: 848399

Ion Ratio Lower Upper

202 100

101 13.1 0.0 28.9

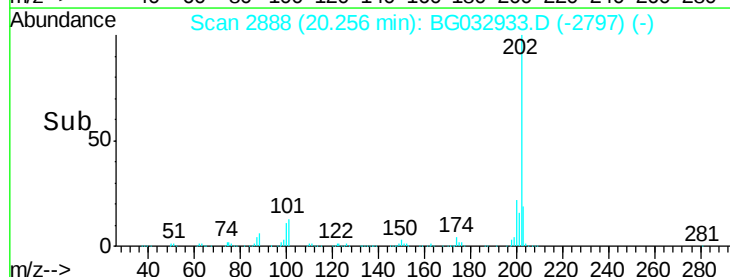
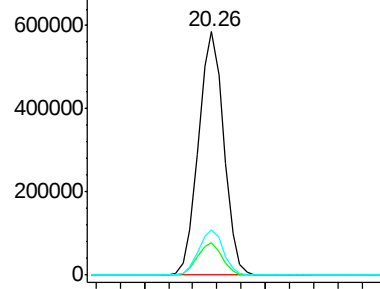
203 18.6 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

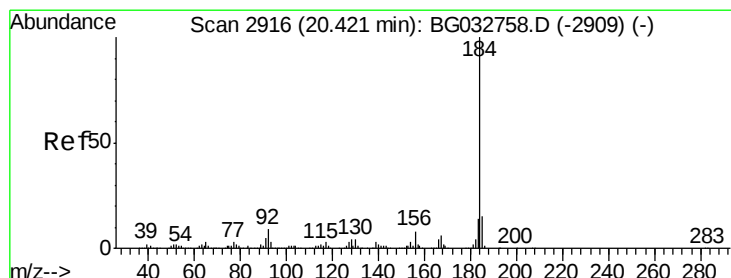
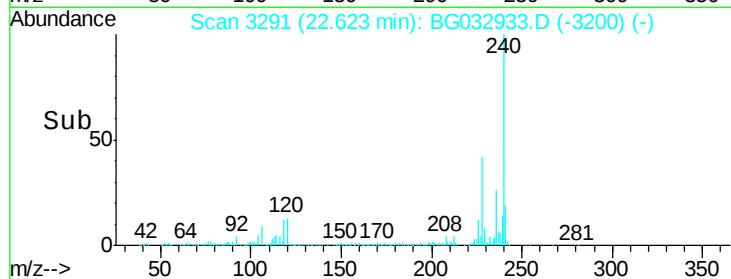
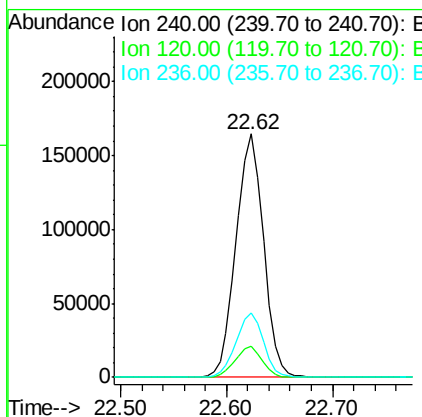
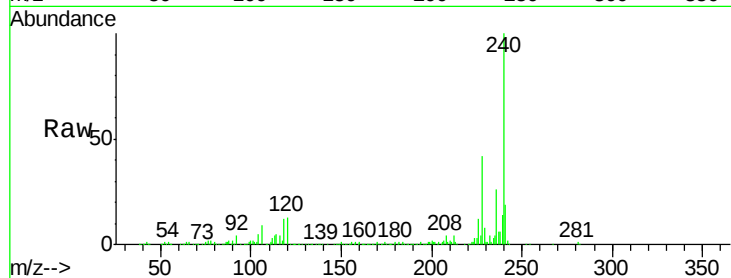




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

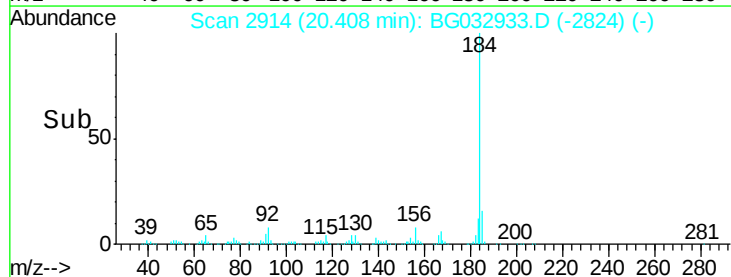
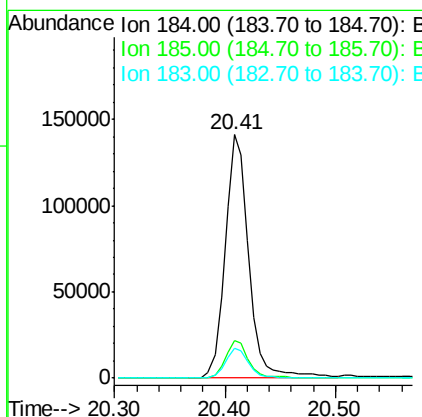
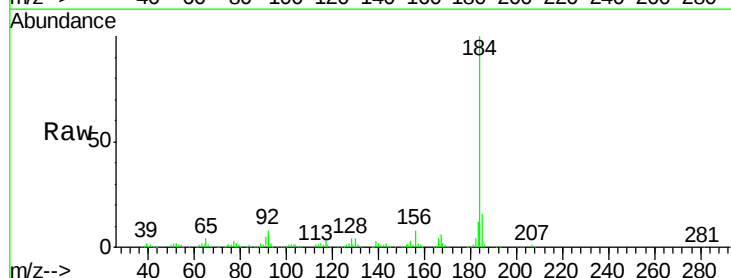
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:240 Resp: 297741
 Ion Ratio Lower Upper
 240 100
 120 12.6 6.8 10.2#
 236 26.2 20.9 31.3



#76
 Benzidine
 Concen: 20.792 ng
 RT: 20.41 min Scan# 2914
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion:184 Resp: 211018
 Ion Ratio Lower Upper
 184 100
 185 15.5 11.1 16.7
 183 12.1 10.6 16.0





#77

Pvrene

Concen: 40.724 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

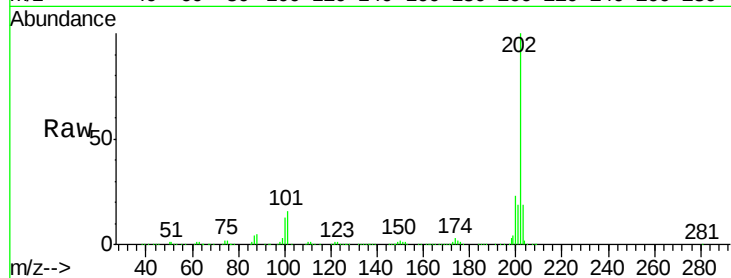
Tot Ion:202 Resp: 855081

Ion Ratio Lower Upper

202 100

200 22.6 16.9 25.3

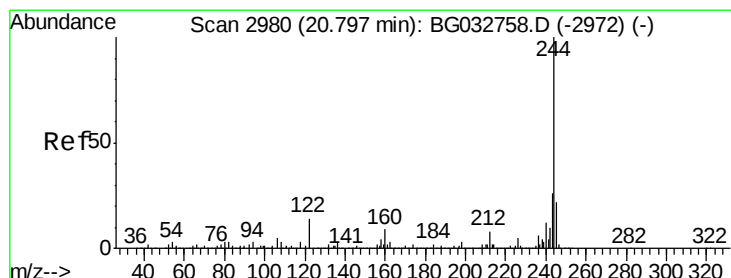
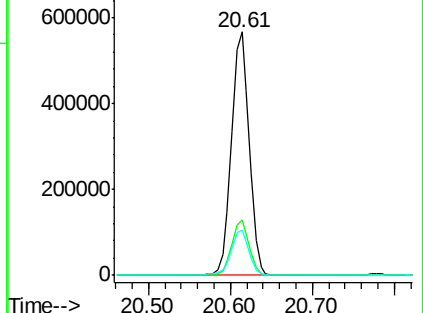
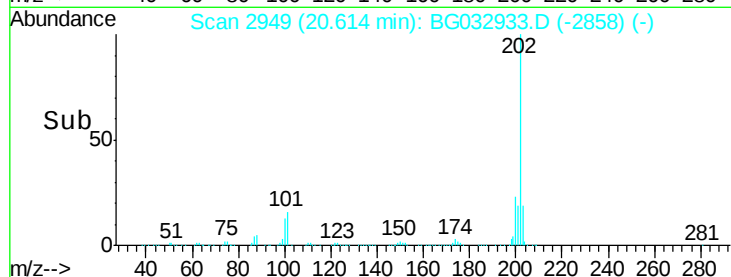
203 18.8 13.9 20.9



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: 83.804 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

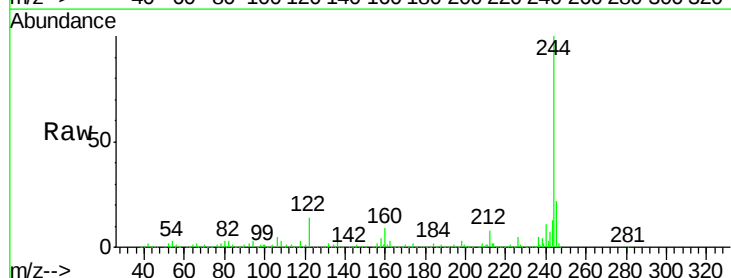
Tgt Ion:244 Resp: 1110589

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

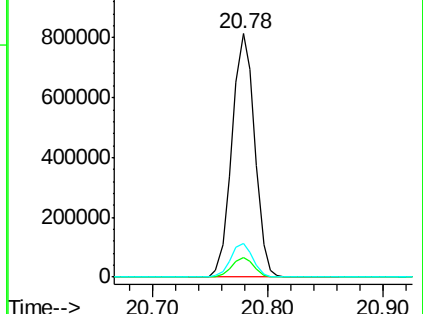
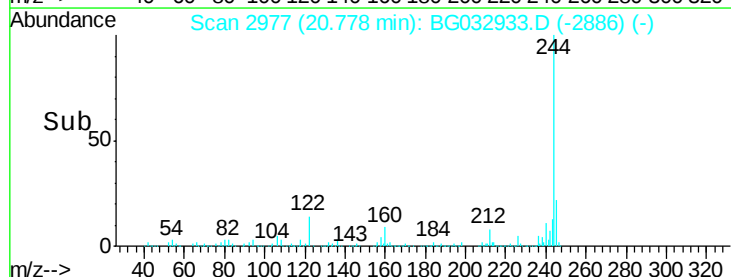
122 13.8 7.0 10.4#

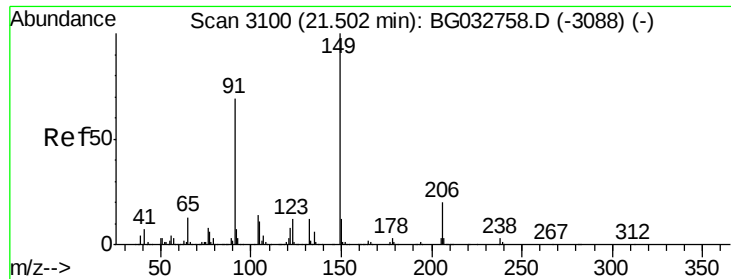


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

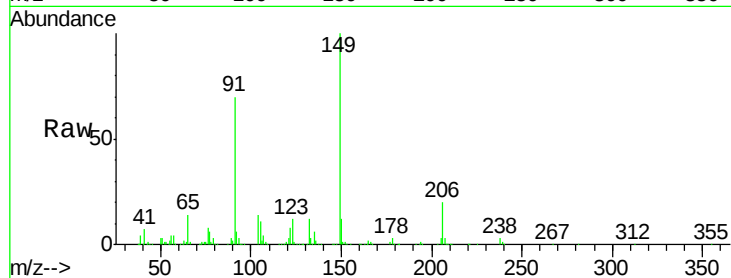




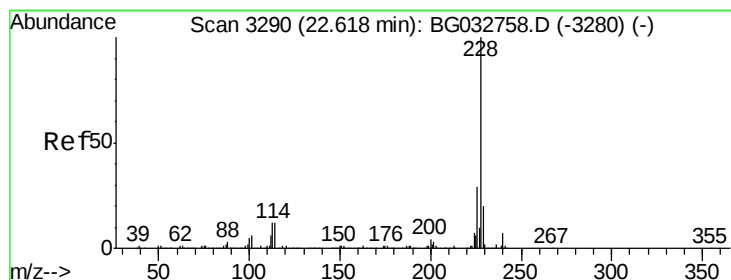
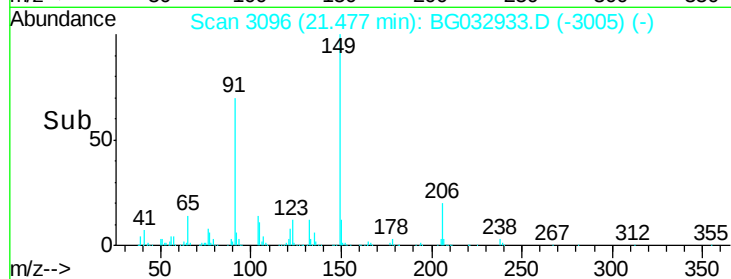
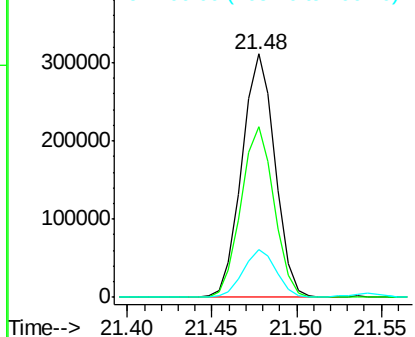
#79
Butylbenzylphthalate
Concen: 45.694 ng
RT: 21.48 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 425378
Ion Ratio Lower Upper
149 100
91 70.2 62.2 93.2
206 19.7 18.6 27.8

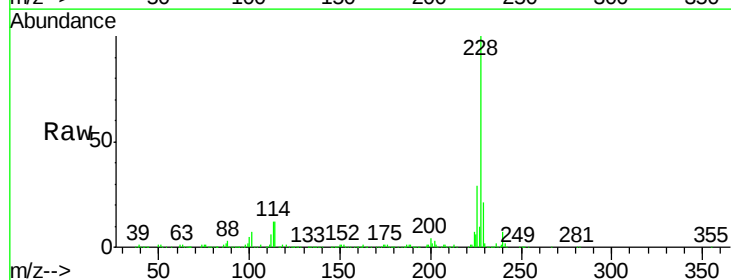


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

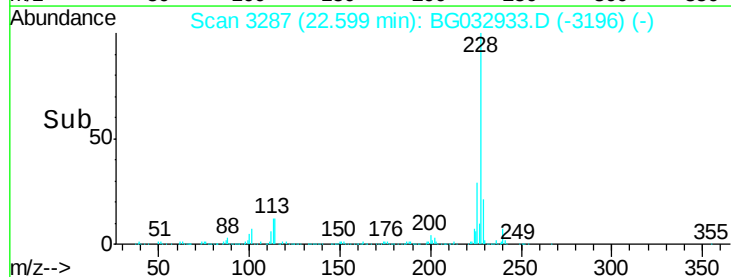
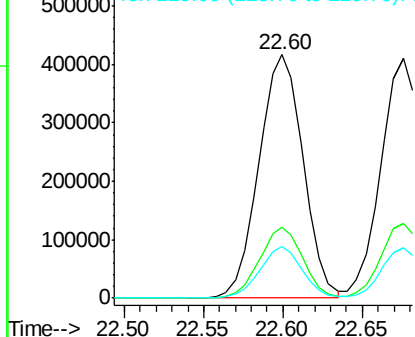


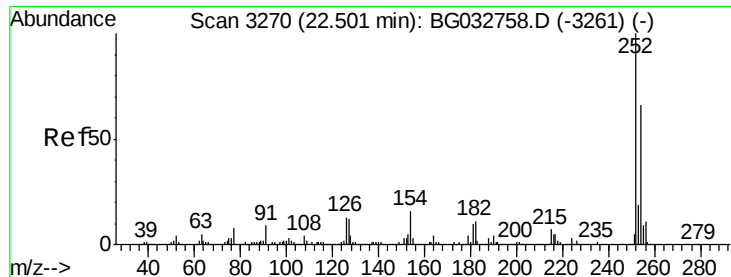
#80
Benzo(a)anthracene
Concen: 42.267 ng
RT: 22.60 min Scan# 3287
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion:228 Resp: 807000
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 21.3 16.2 24.2



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





#81

3,3'-Dichlorobenzidine

Concen: 21.610 ng

RT: 22.48 min Scan# 3267

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

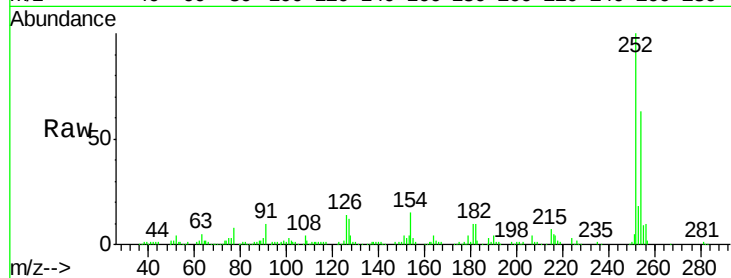
Tot Ion:252 Resp: 152808

Ion Ratio Lower Upper

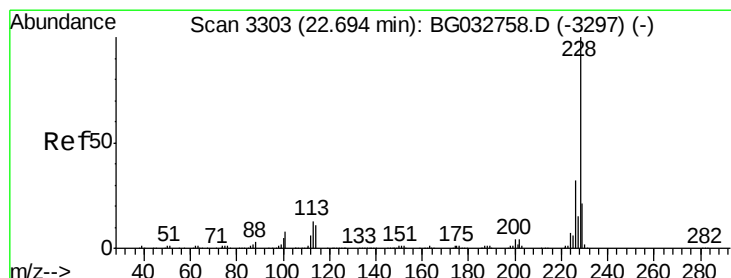
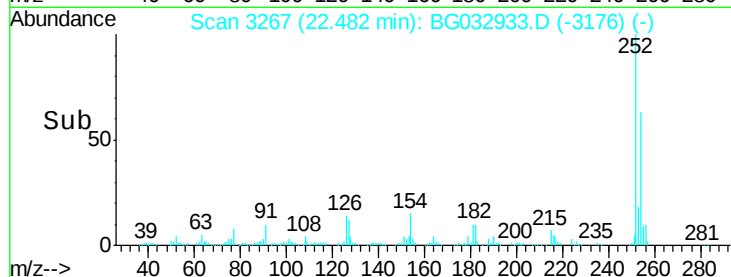
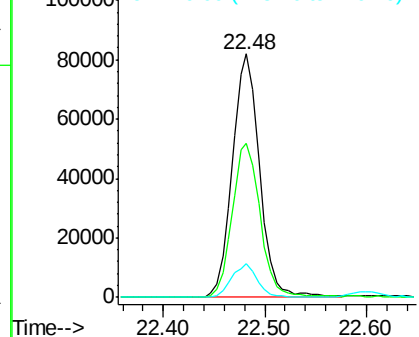
252 100

254 63.3 50.8 76.2

126 13.7 7.4 11.2#



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



#82

Chrysene

Concen: 41.816 ng

RT: 22.68 min Scan# 3300

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

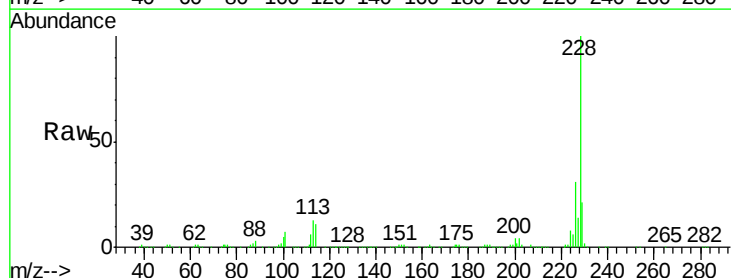
Tgt Ion:228 Resp: 762647

Ion Ratio Lower Upper

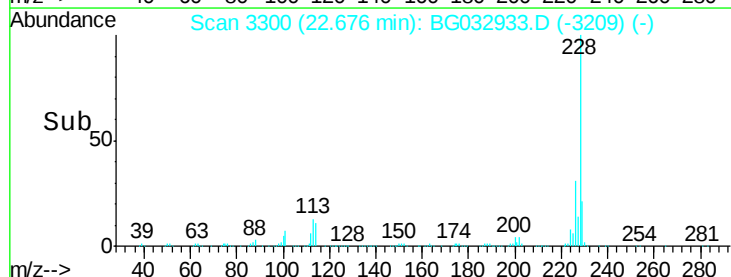
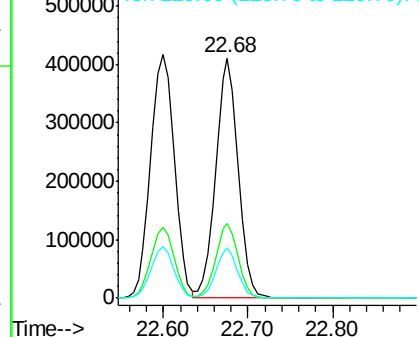
228 100

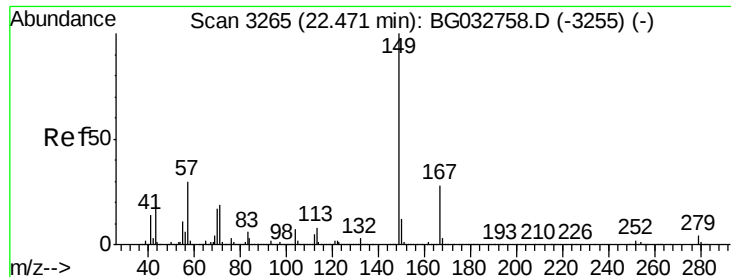
226 30.8 24.9 37.3

229 20.9 15.0 22.4



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

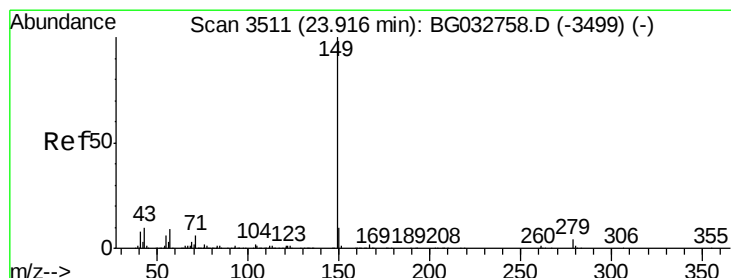
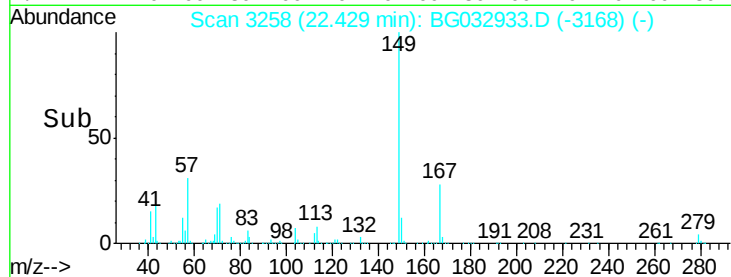
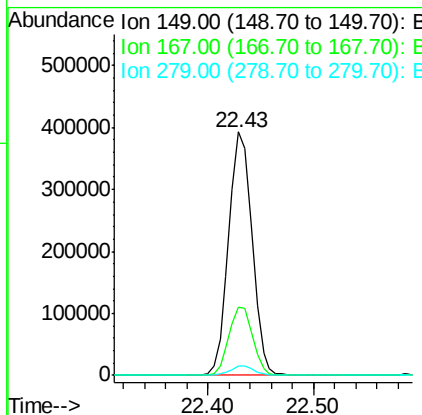
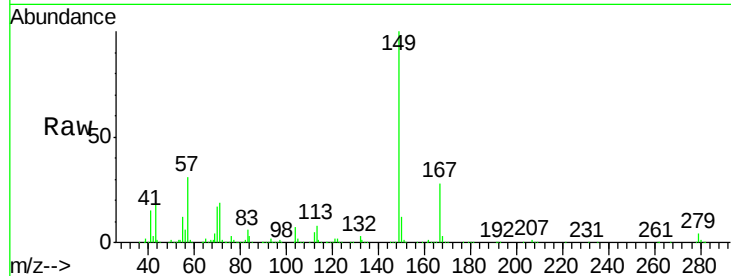




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.771 ng
 RT: 22.43 min Scan# 3258
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

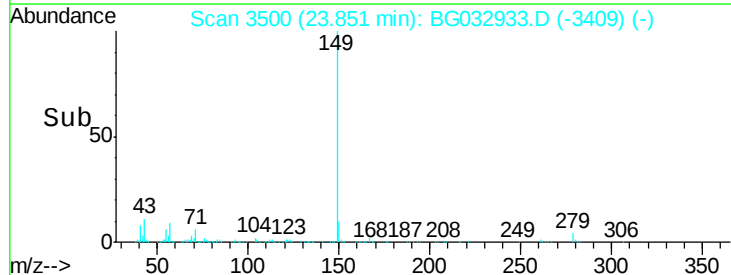
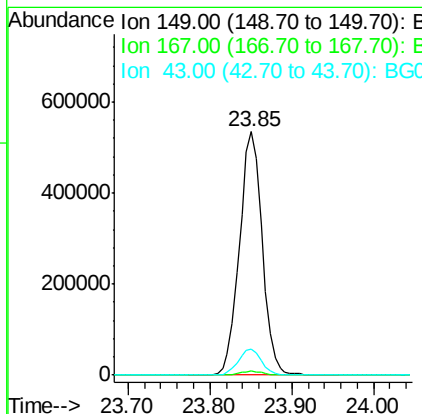
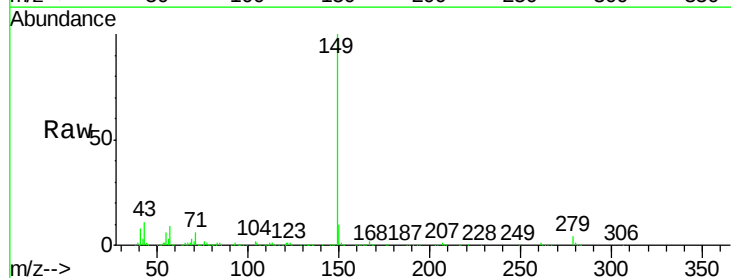
Instrument :
 BNA_G
 ClientSampled :

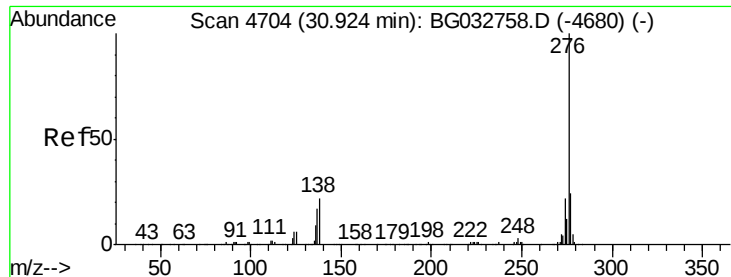
Tot Ion:149 Resp: 603157
 Ion Ratio Lower Upper
 149 100
 167 27.8 24.3 36.5
 279 3.9 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 49.417 ng
 RT: 23.85 min Scan# 3500
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion:149 Resp: 1037947
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 10.8 8.9 13.3

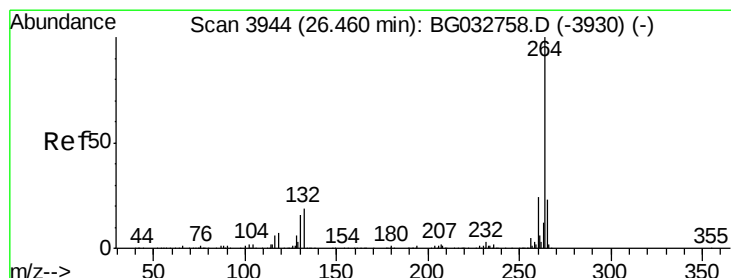
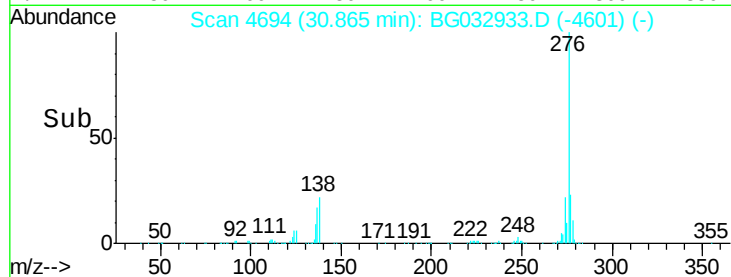
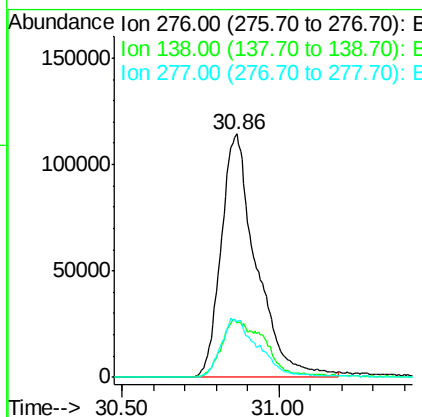
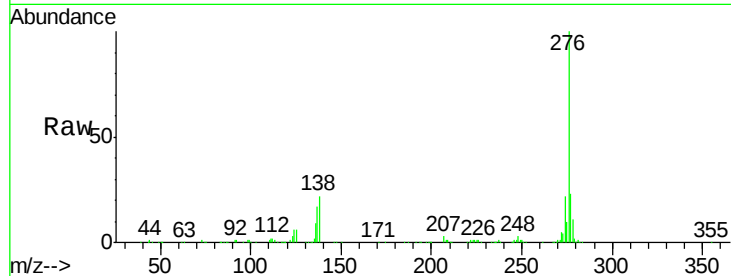




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.945 ng
 RT: 30.86 min Scan# 4694
 Delta R.T. 0.01 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

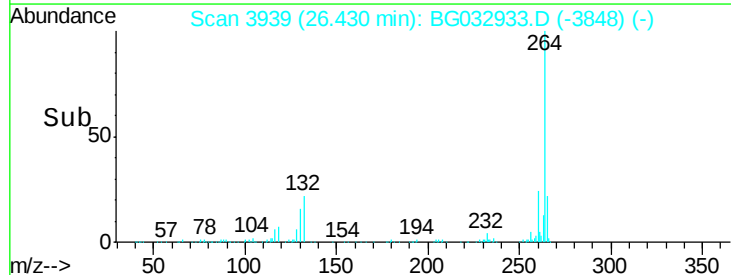
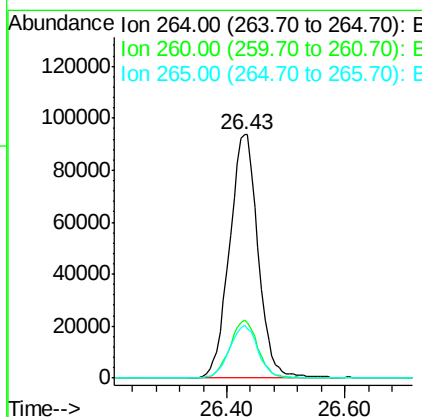
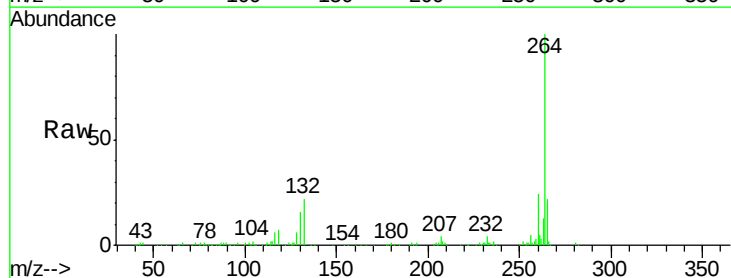
Instrument :
 BNA_G
 ClientSampleId :

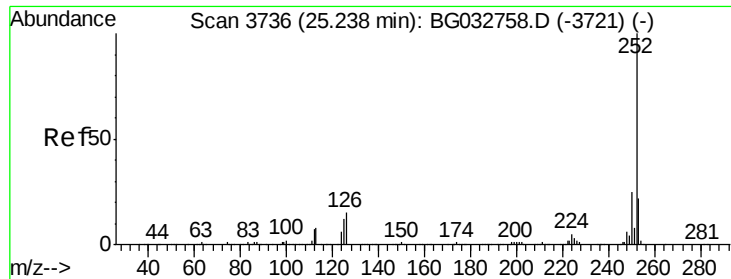
Tot Ion:276 Resp: 892169
 Ion Ratio Lower Upper
 276 100
 138 28.8 16.0 24.0#
 277 25.6 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.43 min Scan# 3939
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion:264 Resp: 316805
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 21.9 17.7 26.5

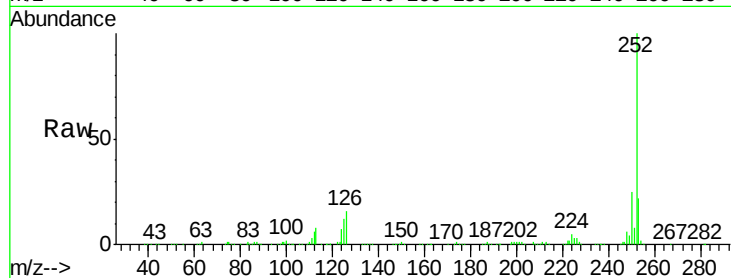




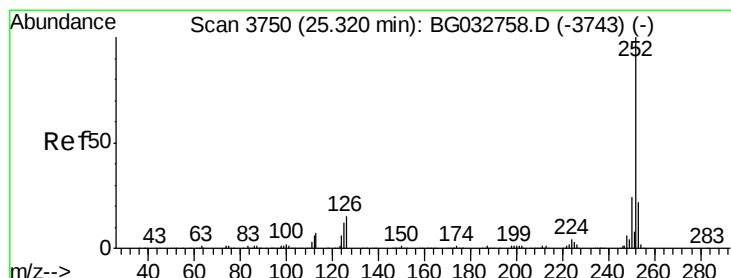
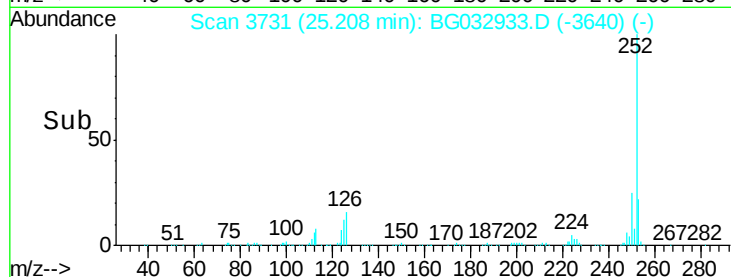
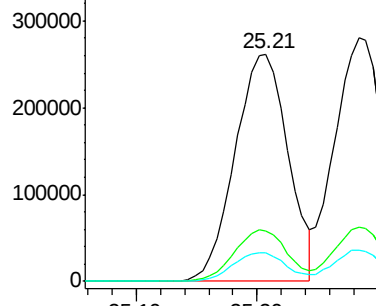
#87
Benzo(b)fluoranthene
Concen: 42.731 ng
RT: 25.21 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 800416
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 12.4 7.2 10.8#

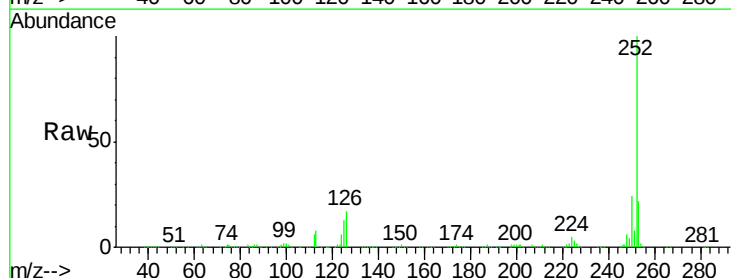


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

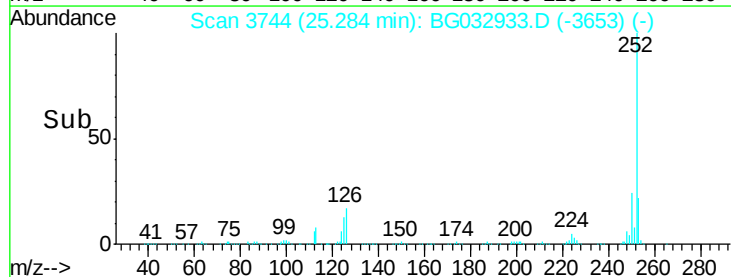
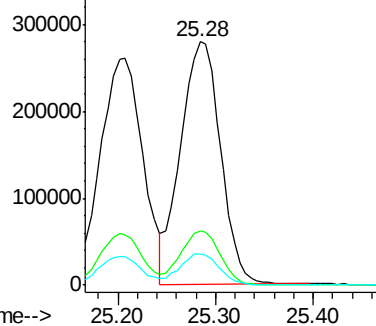


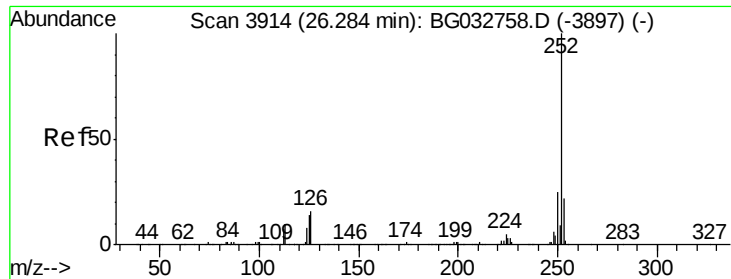
#88
Benzo(k)fluoranthene
Concen: 42.780 ng
RT: 25.28 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion:252 Resp: 796409
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 12.6 6.6 9.8#



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

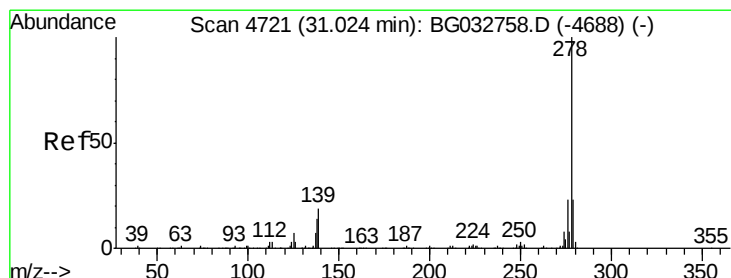
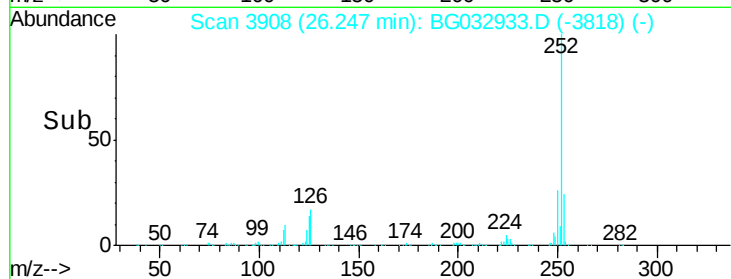
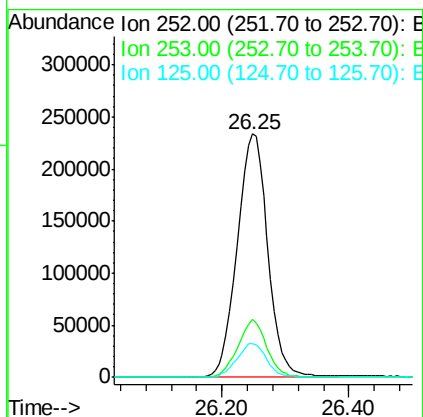
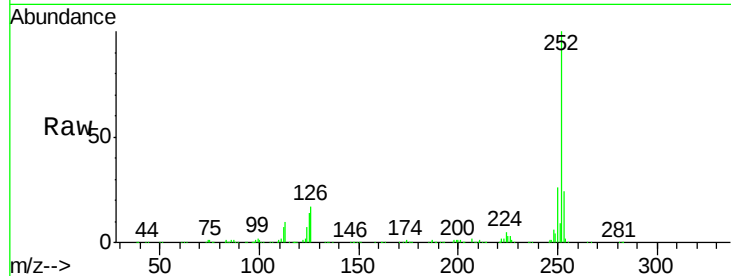




#89
Benzo(a)pyrene
Concen: 43.778 ng
RT: 26.25 min Scan# 3908
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

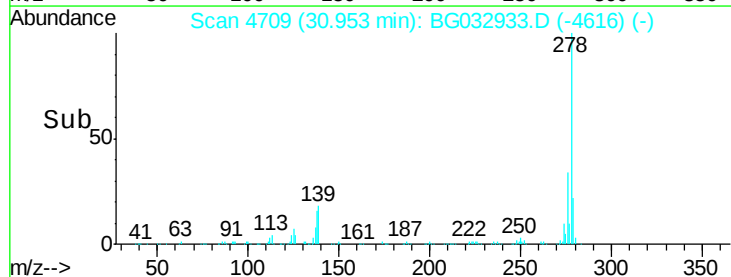
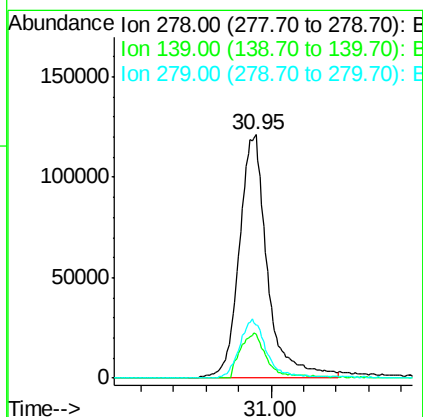
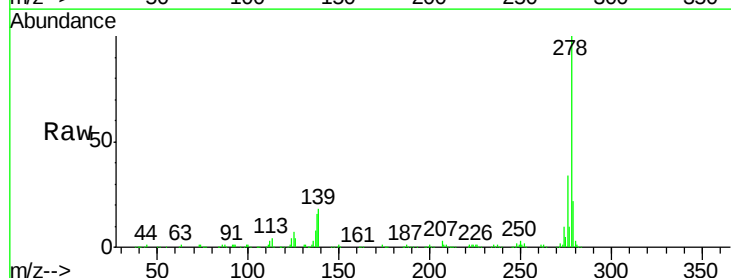
Instrument :
BNA_G
ClientSampleId :

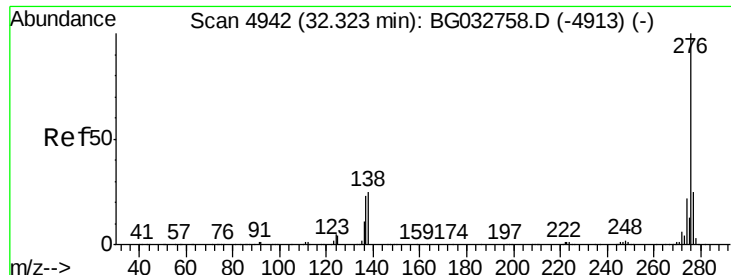
Tot Ion:252 Resp: 779960
Ion Ratio Lower Upper
252 100
253 23.8 18.3 27.5
125 13.7 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 40.761 ng
RT: 30.95 min Scan# 4709
Delta R.T. 0.01 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion:278 Resp: 730982
Ion Ratio Lower Upper
278 100
139 18.2 9.8 14.6#
279 21.5 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 40.935 ng

RT: 32.25 min Scan# 4930

Delta R.T. 0.00 min

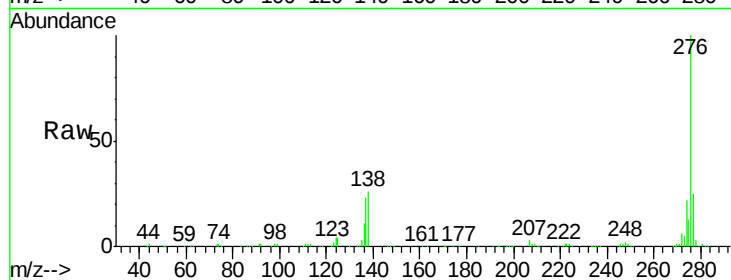
Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :



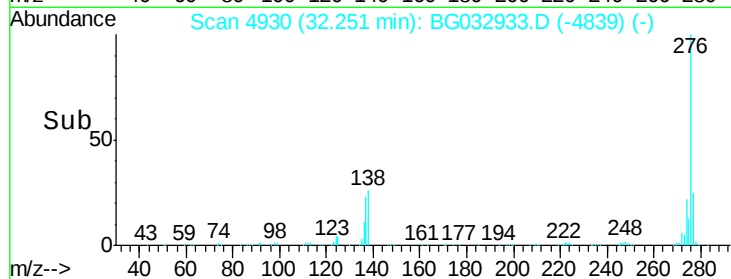
Tot Ion: 276 Resp: 723659

Ion Ratio Lower Upper

276 100

277 24.6 18.3 27.5

138 26.2 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

