

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
 Data File : BG031883.D
 Acq On : 3 Jan 2018 10:21
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 12:21:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	41742	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	183872	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	135332	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	365778	20.00	ng	0.00
75) Chrysene-d12	22.50	240	404965	20.00	ng	0.00
86) Perylene-d12	26.22	264	438018	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.21	112	178749	78.00	ng	0.00
7) Phenol-d6	7.89	99	249927	84.00	ng	0.00
23) Nitrobenzene-d5	9.99	82	215285	88.41	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	188769	91.41	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	818366	75.90	ng	0.00
78) Terphenyl-d14	20.68	244	1363683	76.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.87	88	33119	38.985	ng	# 69
3) Pyridine	4.32	79	97655	43.004	ng	# 74
4) n-Nitrosodimethylamine	4.22	42	36323	39.639	ng	# 70
6) Aniline	8.08	93	156872	40.978	ng	# 91
8) 2-Chlorophenol	8.33	128	106218	39.955	ng	# 82
9) Benzaldehyde	7.89	77	65458	36.535	ng	83
10) Phenol	7.91	94	123251	41.028	ng	90
11) bis(2-Chloroethyl)ether	8.17	93	93443	37.454	ng	# 83
12) 1,3-Dichlorobenzene	8.67	146	126551	38.334	ng	# 93
13) 1,4-Dichlorobenzene	8.82	146	131427	38.972	ng	95
14) 1,2-Dichlorobenzene	9.16	146	124841	39.069	ng	95
15) Benzyl Alcohol	9.02	79	92137	41.249	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.32	45	72724	35.795	ng	83
17) 2-Methylphenol	9.22	107	88709	41.271	ng	94
18) Hexachloroethane	9.91	117	39539	38.711	ng	92
19) n-Nitroso-di-n-propylamine	9.60	70	80162	39.448	ng	# 83
20) 3+4-Methylphenols	9.55	107	129151	42.277	ng	92
22) Acetophenone	9.63	105	164780	38.573	ng	# 87
24) Nitrobenzene	10.03	77	107687	42.910	ng	# 85
25) Isophorone	10.55	82	205496	39.203	ng	# 88
26) 2-Nitrophenol	10.76	139	66497	50.536	ng	# 80
27) 2,4-Dimethylphenol	10.79	122	109758	39.640	ng	87
28) bis(2-Chloroethoxy)methane	11.03	93	133725	38.020	ng	95
29) 2,4-Dichlorophenol	11.30	162	133654	41.117	ng	92
30) 1,2,4-Trichlorobenzene	11.53	180	151688	38.219	ng	97
31) Naphthalene	11.72	128	371280	40.010	ng	98
32) Benzoic acid	10.89	122	67708	37.552	ng	# 75
33) 4-Chloroaniline	11.82	127	167818	40.620	ng	# 90
34) Hexachlorobutadiene	11.99	225	103901	38.132	ng	98
35) Caprolactam	12.56	113	46915	47.615	ng	# 46
36) 4-Chloro-3-methylphenol	12.88	107	132766	44.225	ng	# 81
37) 2-Methylnaphthalene	13.28	142	301437	40.071	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	210607	36.947	ng	# 96
40) Hexachlorocyclopentadiene	13.61	237	103830	34.528	ng	89

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 12:21:47 2018
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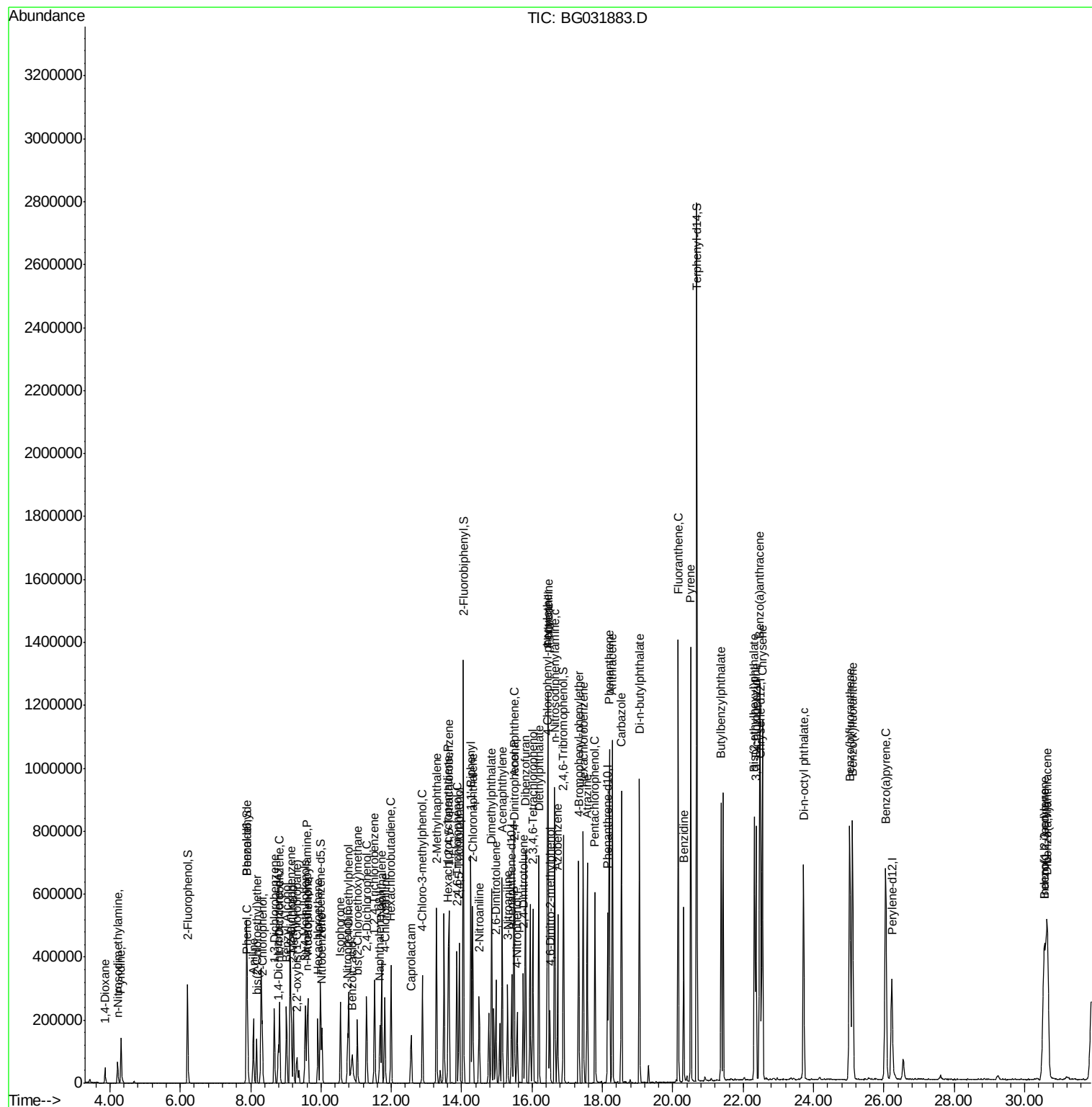
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	134360	40.882	ng	97
43) 2,4,5-Trichlorophenol	13.93	196	152219	41.793	ng	# 92
45) 1,1'-Biphenyl	14.26	154	442743	38.304	ng	96
46) 2-Chloronaphthalene	14.31	162	334290	37.917	ng	97
47) 2-Nitroaniline	14.50	65	75099	49.320	ng	# 59
48) Acenaphthylene	15.15	152	558926	39.627	ng	98
49) Dimethylphthalate	14.85	163	480958	40.341	ng	99
50) 2,6-Dinitrotoluene	14.98	165	102846	46.892	ng	# 66
51) Acenaphthene	15.48	154	370532	40.112	ng	99
52) 3-Nitroaniline	15.31	138	103879	48.546	ng	# 70
53) 2,4-Dinitrophenol	15.50	184	34472	41.101	ng	# 1
54) Dibenzofuran	15.81	168	572570	40.435	ng	98
55) 4-Nitrophenol	15.58	139	75946	43.607	ng	# 71
56) 2,4-Dinitrotoluene	15.75	165	144596	51.272	ng	# 61
57) Fluorene	16.46	166	468095	40.692	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.02	232	150909	42.468	ng	# 86
59) Diethylphthalate	16.19	149	469687	40.420	ng	94
60) 4-Chlorophenyl-phenylether	16.43	204	279943	39.773	ng	93
61) 4-Nitroaniline	16.46	138	106093	50.808	ng	79
62) Azobenzene	16.73	77	298942	40.115	ng	82
64) 4,6-Dinitro-2-methylphenol	16.51	198	80703	45.811	ng	# 65
65) n-Nitrosodiphenylamine	16.65	169	448477	36.917	ng	98
66) 4-Bromophenyl-phenylether	17.33	248	198674	37.561	ng	94
67) Hexachlorobenzene	17.45	284	212626	39.323	ng	# 90
68) Atrazine	17.57	200	178952	37.883	ng	98
69) Pentachlorophenol	17.78	266	143855	38.680	ng	96
70) Phenanthrene	18.20	178	789469	38.138	ng	99
71) Anthracene	18.28	178	797098	38.173	ng	99
72) Carbazole	18.54	167	708102	38.313	ng	98
73) Di-n-butylphthalate	19.05	149	789368	38.432	ng	99
74) Fluoranthene	20.15	202	981074	38.626	ng	96
76) Benzidine	20.31	184	369656	29.574	ng	98
77) Pyrene	20.51	202	996284	38.514	ng	97
79) Butylbenzylphthalate	21.37	149	345447	39.781	ng	# 76
80) Benzo(a)anthracene	22.47	228	982817	38.152	ng	99
81) 3,3'-Dichlorobenzidine	22.36	252	390343	39.082	ng	# 98
82) Chrysene	22.54	228	918668	37.691	ng	98
83) Bis(2-ethylhexyl)phthalate	22.32	149	472453	37.553	ng	# 97
84) Di-n-octyl phthalate	23.71	149	797631	37.645	ng	# 88
85) Indeno(1,2,3-cd)pyrene	30.56	276	1220284	39.025	ng	# 89
87) Benzo(b)fluoranthene	25.03	252	1014018	37.294	ng	# 97
88) Benzo(k)fluoranthene	25.11	252	1027300	37.754	ng	# 97
89) Benzo(a)pyrene	26.05	252	980992	37.672	ng	# 98
90) Dibenzo(a,h)anthracene	30.64	278	1036743	38.549	ng	# 96
91) Benzo(g,h,i)perylene	30.56	276	1220284	38.431	ng	# 93

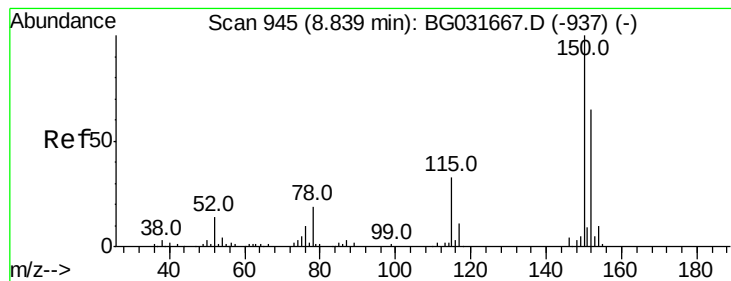
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.79 min Scan# 936

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

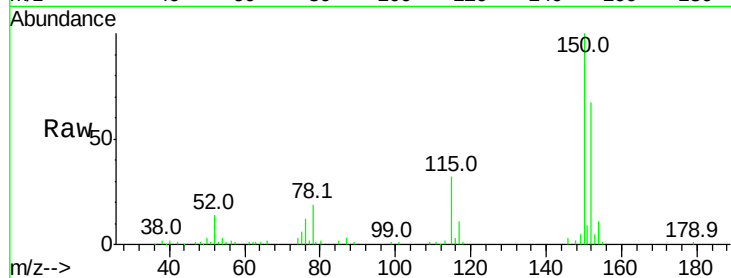
Tot Ion:152 Resp: 41742

Ion Ratio Lower Upper

152 100

150 150.2 126.6 189.8

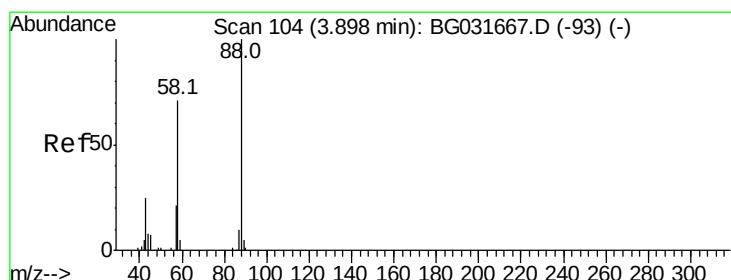
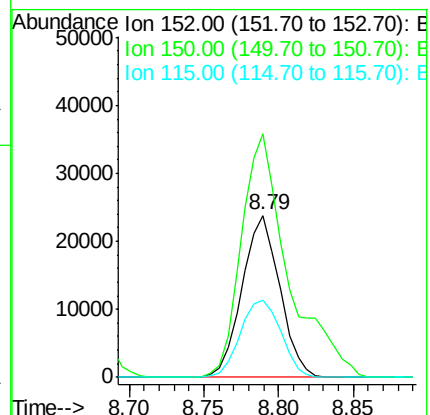
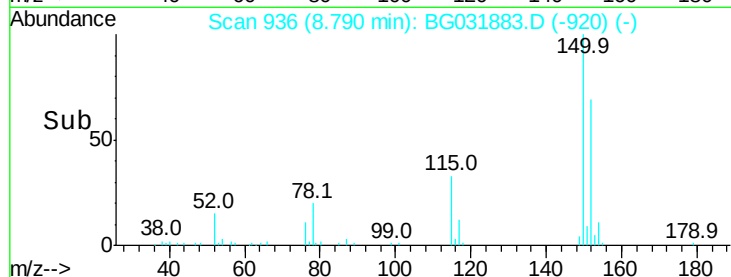
115 47.8 53.0 79.4#



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: 38.985 ng

RT: 3.87 min Scan# 98

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

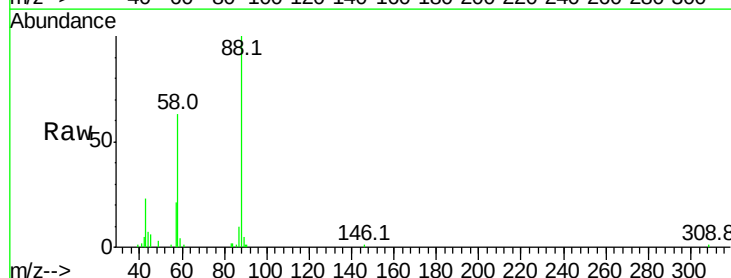
Tgt Ion: 88 Resp: 33119

Ion Ratio Lower Upper

88 100

58 64.4 79.6 119.4#

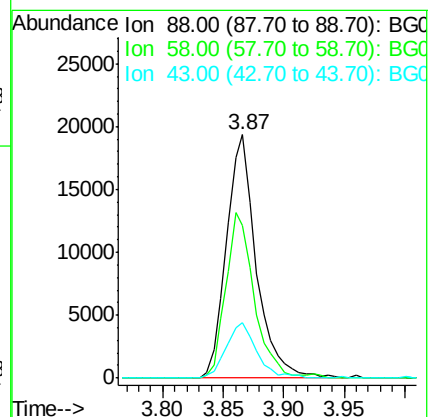
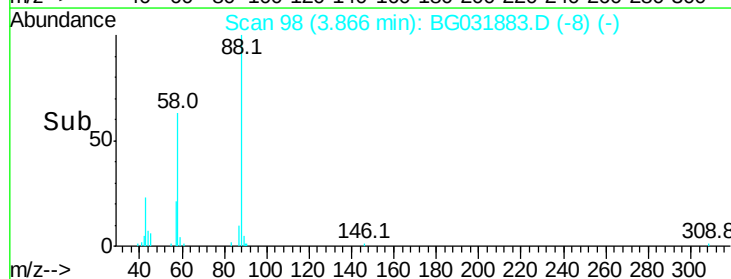
43 23.3 27.4 41.0#

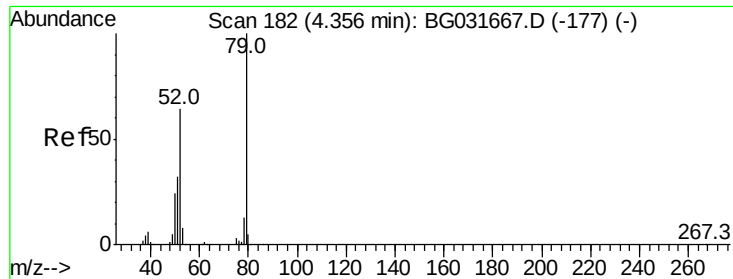


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 43.004 ng

RT: 4.32 min Scan# 175

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

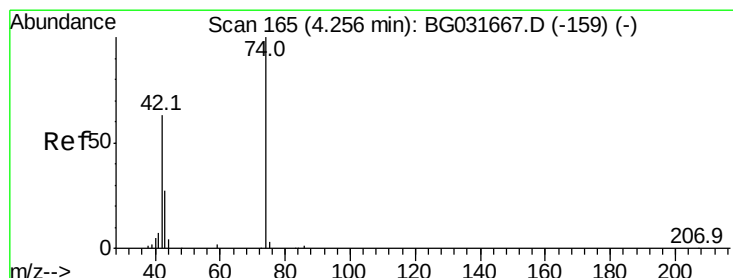
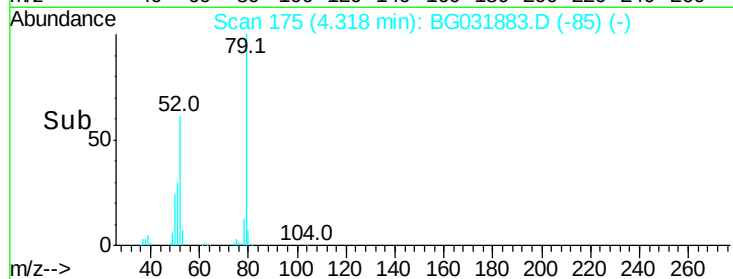
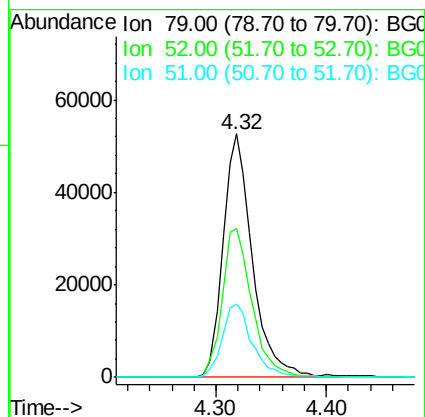
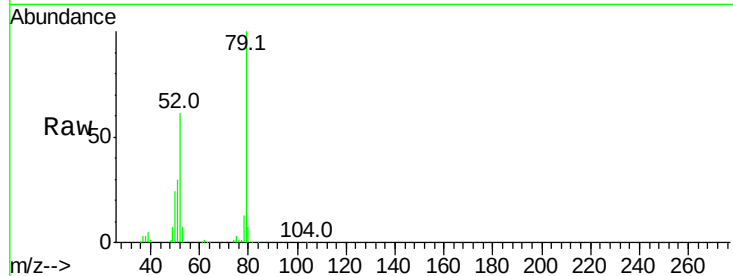
Tot Ion: 79 Resp: 97655

Ion Ratio Lower Upper

79 100

52 60.9 69.9 104.9#

51 30.3 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 39.639 ng

RT: 4.22 min Scan# 159

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

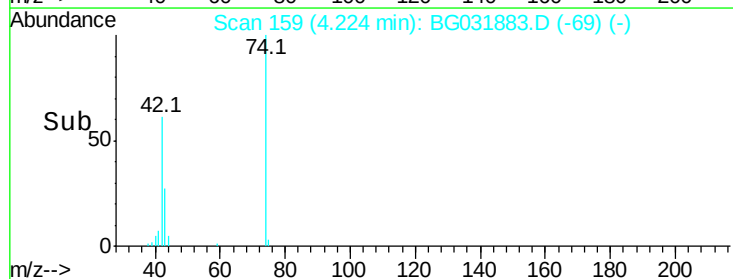
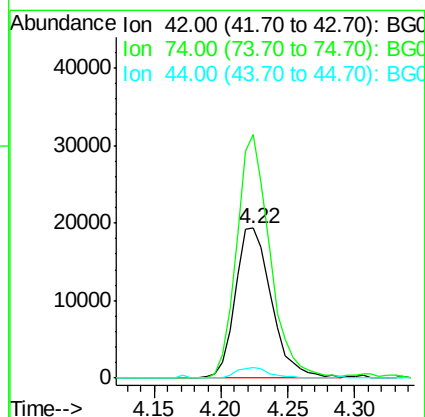
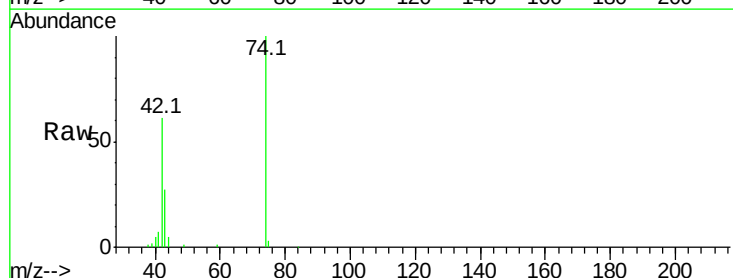
Tgt Ion: 42 Resp: 36323

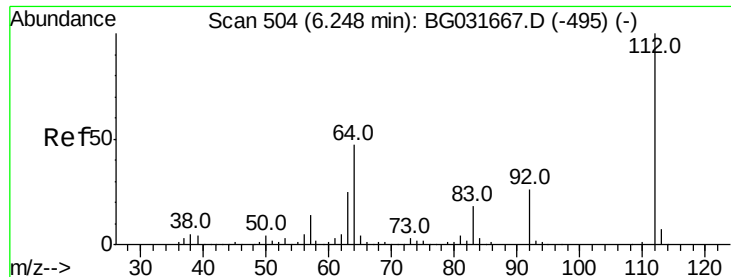
Ion Ratio Lower Upper

42 100

74 162.8 102.5 153.7#

44 7.5 18.9 28.3#





#5

2-Fluorophenol

Concen: 77.996 ng

RT: 6.21 min Scan# 497

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

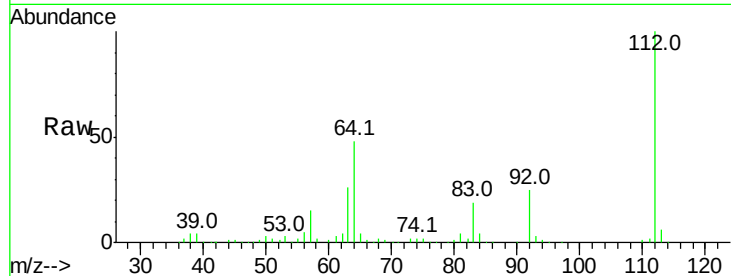
Tot Ion:112 Resp: 178749

Ion Ratio Lower Upper

112 100

64 48.5 56.3 84.5#

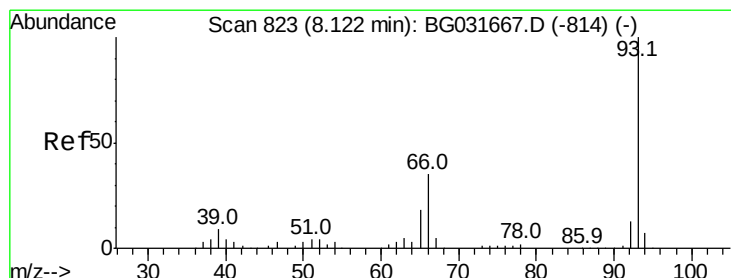
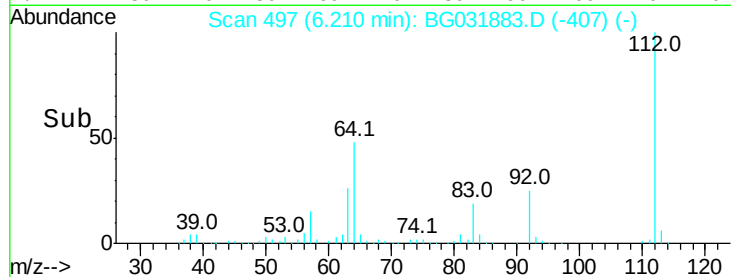
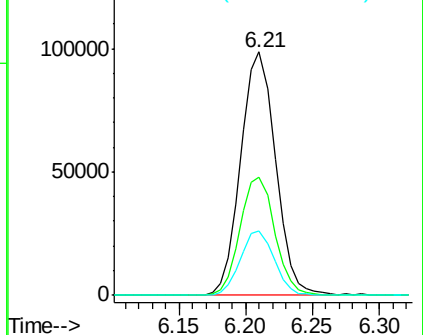
63 26.3 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.978 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

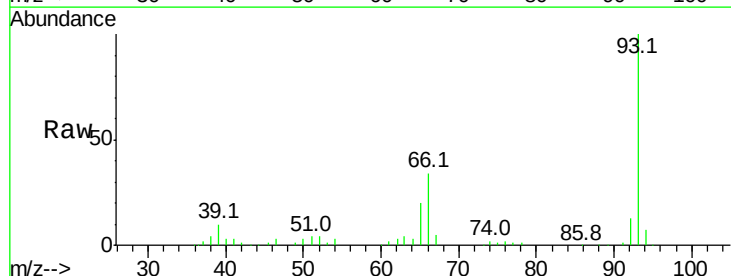
Tgt Ion: 93 Resp: 156872

Ion Ratio Lower Upper

93 100

66 33.6 33.7 50.5#

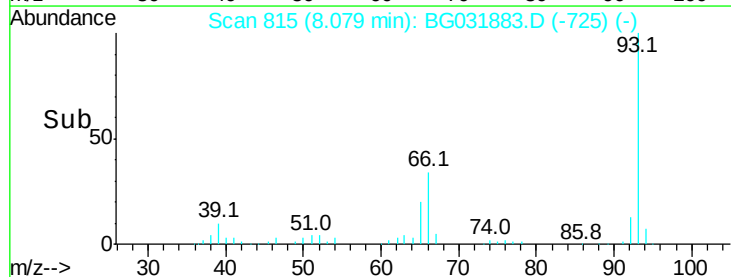
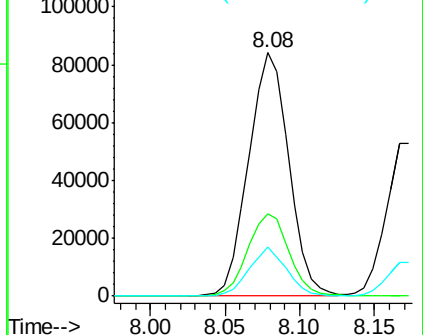
65 19.9 16.1 24.1

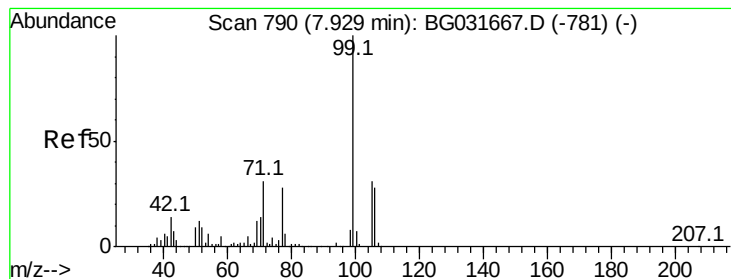


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.996 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

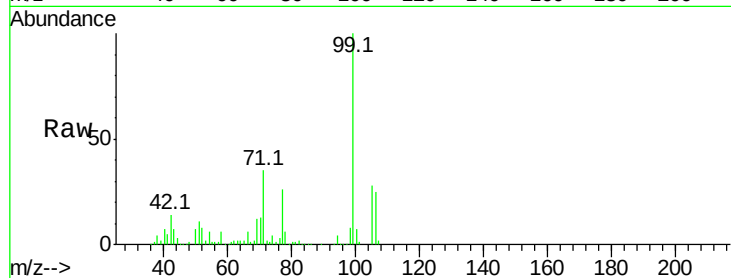
Tot Ion: 99 Resp: 249927

Ion Ratio Lower Upper

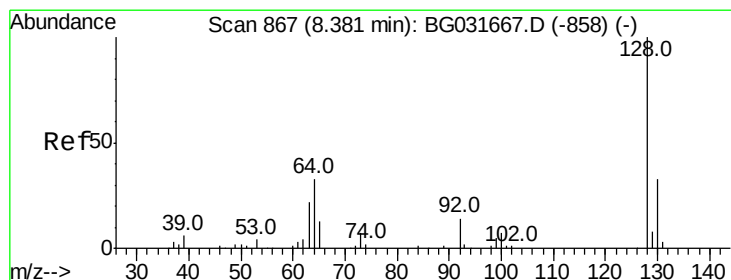
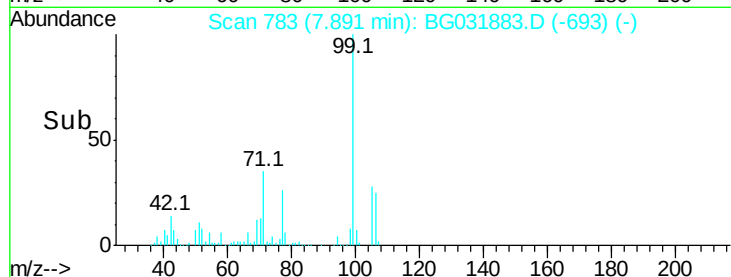
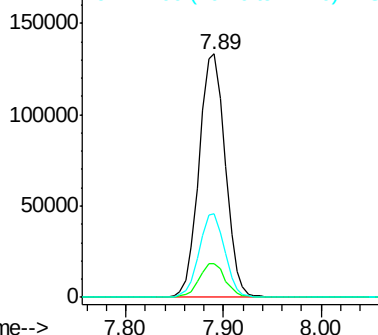
99 100

42 13.8 14.1 21.1#

71 34.5 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: 39.955 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

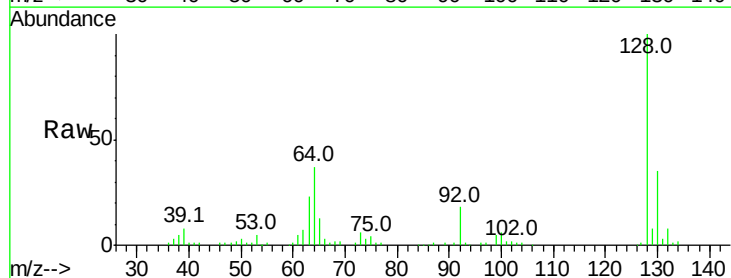
Tgt Ion: 128 Resp: 106218

Ion Ratio Lower Upper

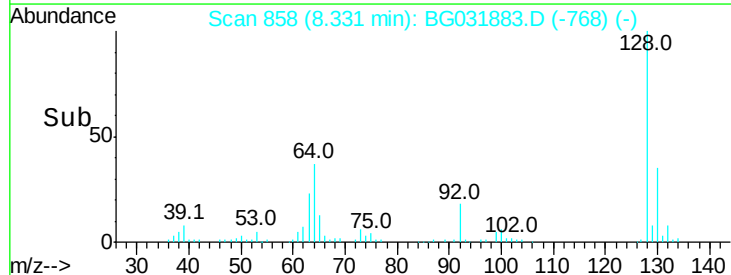
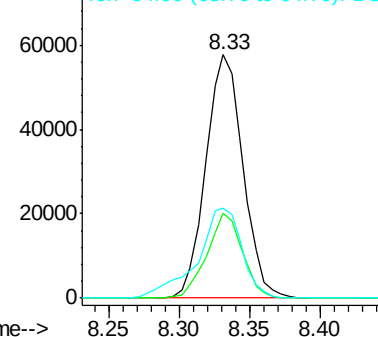
128 100

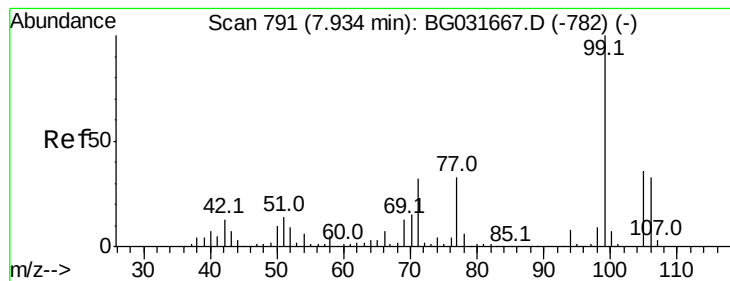
130 35.1 14.0 54.0

64 36.8 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: 36.535 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampled :

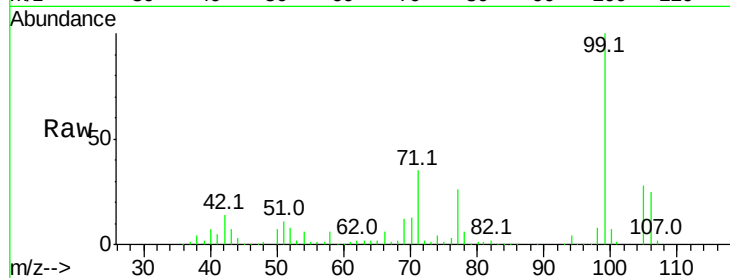
Tot Ion: 77 Resp: 65458

Ion Ratio Lower Upper

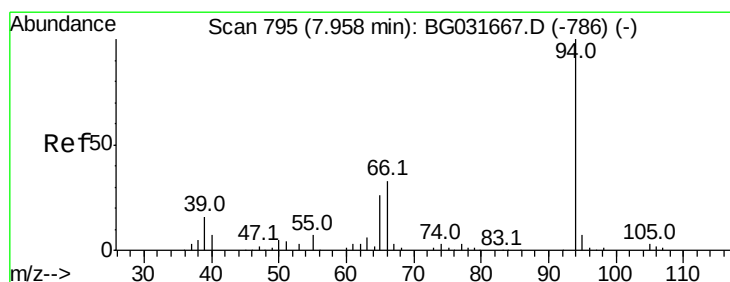
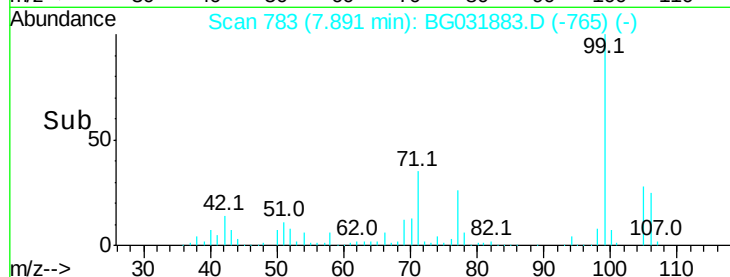
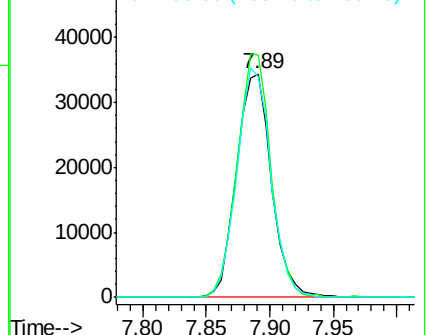
77 100

105 108.6 71.3 111.3

106 98.6 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: 41.028 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

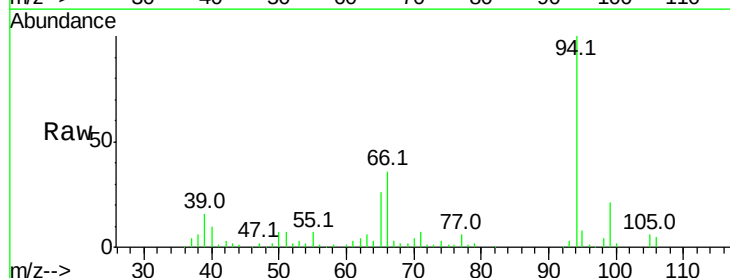
Tgt Ion: 94 Resp: 123251

Ion Ratio Lower Upper

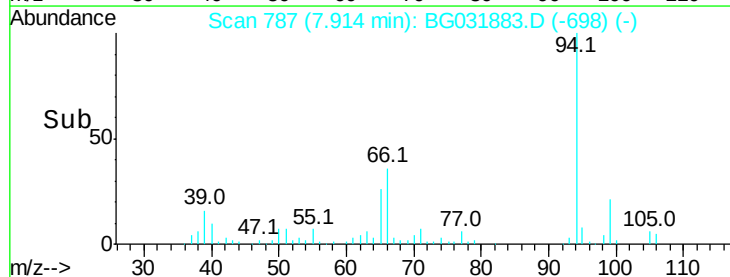
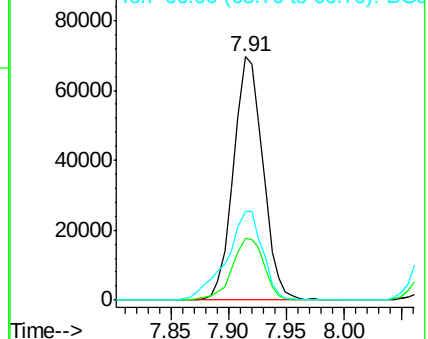
94 100

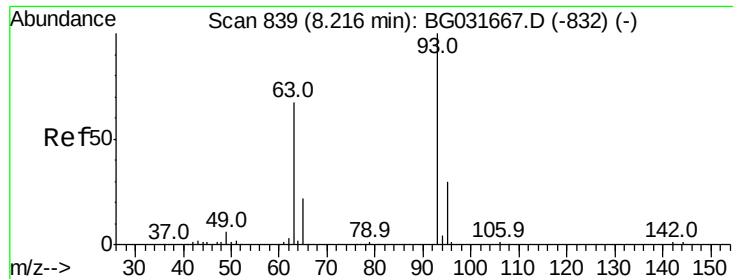
65 25.5 11.9 51.9

66 36.4 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

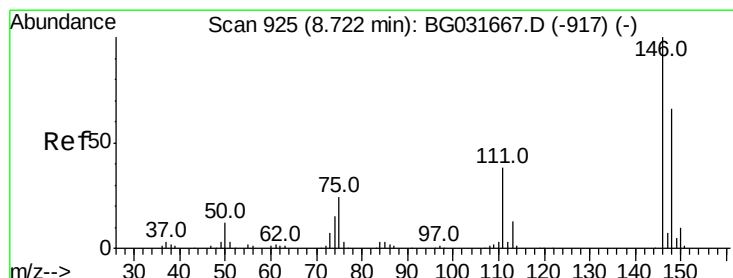
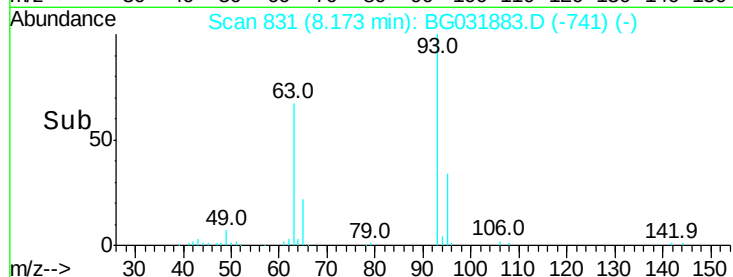
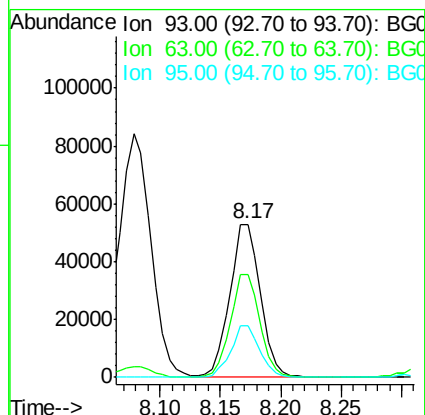
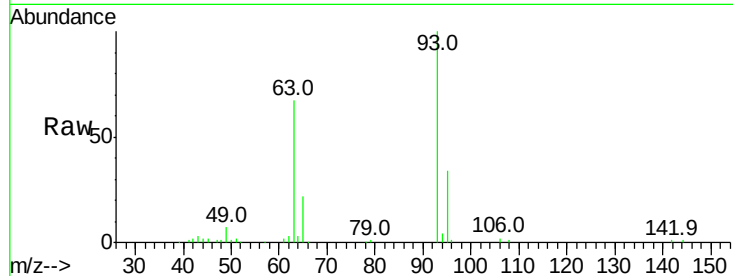




#11
bis(2-Chloroethyl)ether
Concen: 37.454 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

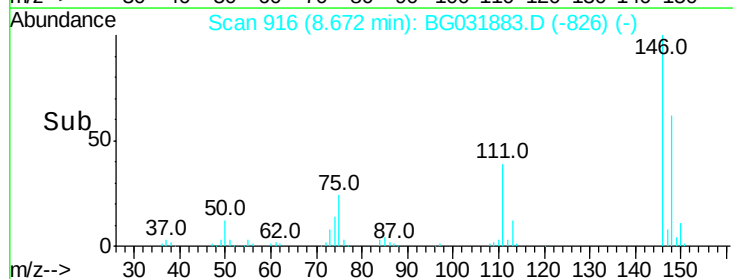
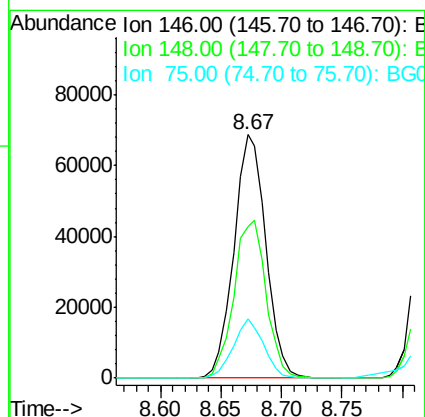
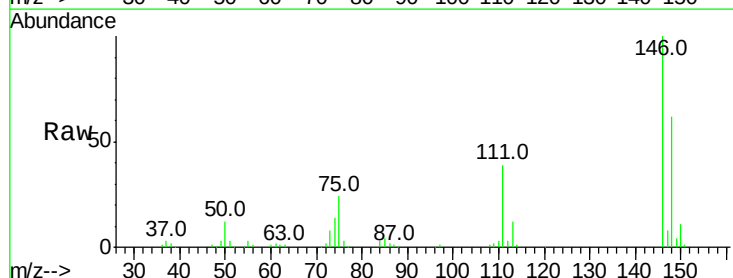
Instrument :
BNA_G
ClientSampleId :

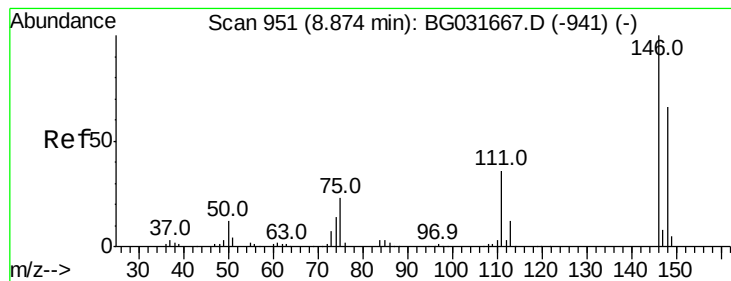
Tot Ion: 93 Resp: 93443
Ion Ratio Lower Upper
93 100
63 66.9 67.1 107.1#
95 33.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 38.334 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

Tgt Ion:146 Resp: 126551
Ion Ratio Lower Upper
146 100
148 62.1 51.4 77.2
75 24.1 26.6 39.8#





#13

1,4-Dichlorobenzene

Concen: 38.972 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampled :

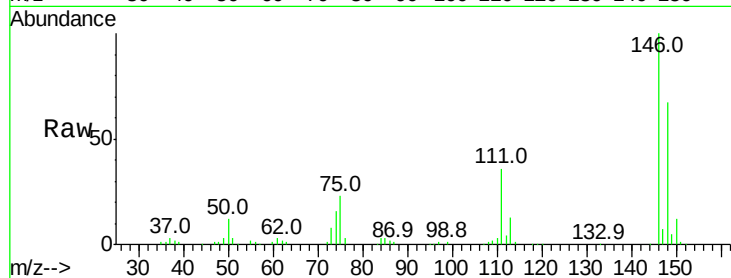
Tot Ion:146 Resp: 131427

Ion Ratio Lower Upper

146 100

148 67.4 53.7 80.5

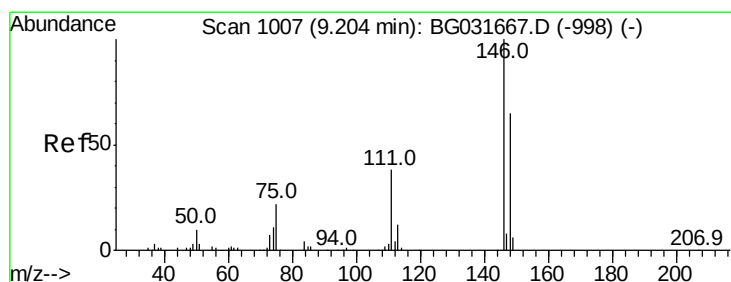
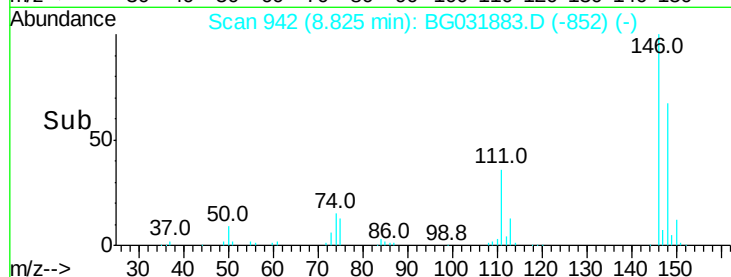
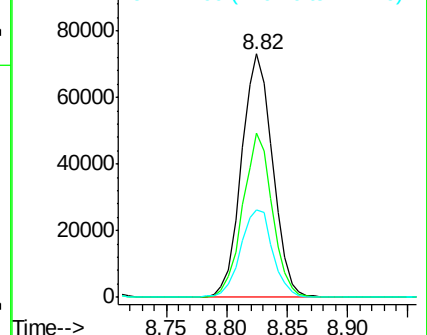
111 36.0 35.2 52.8



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: 39.069 ng

RT: 9.16 min Scan# 999

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

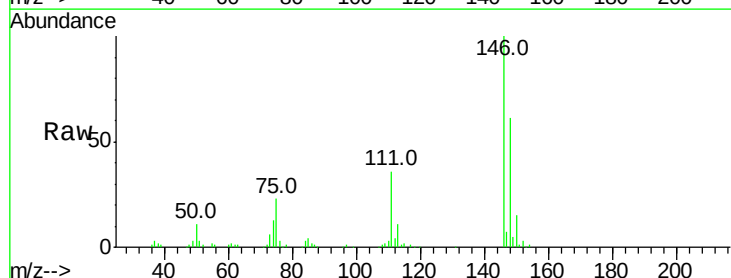
Tgt Ion:146 Resp: 124841

Ion Ratio Lower Upper

146 100

148 61.2 49.3 73.9

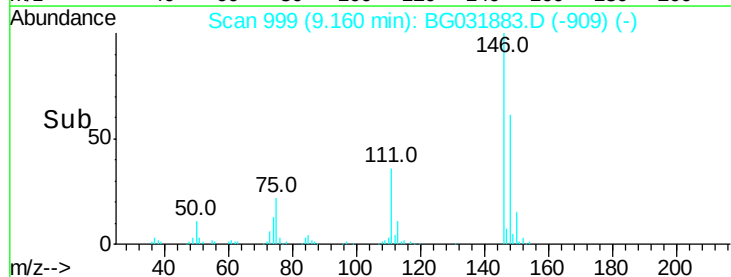
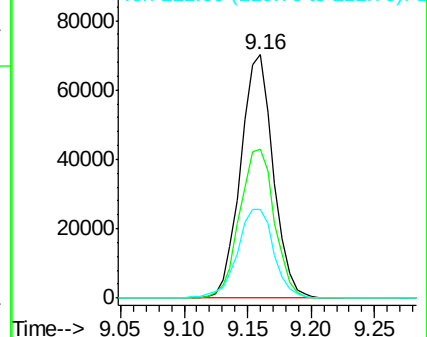
111 36.2 34.3 51.5

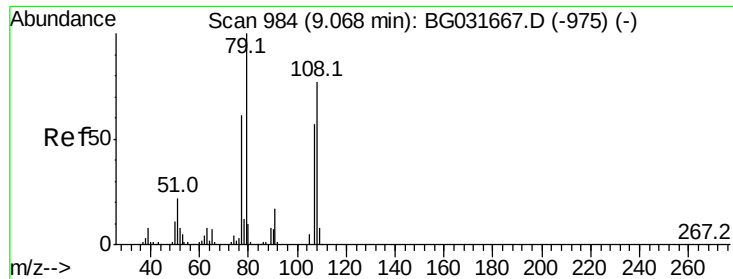


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.249 ng

RT: 9.02 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

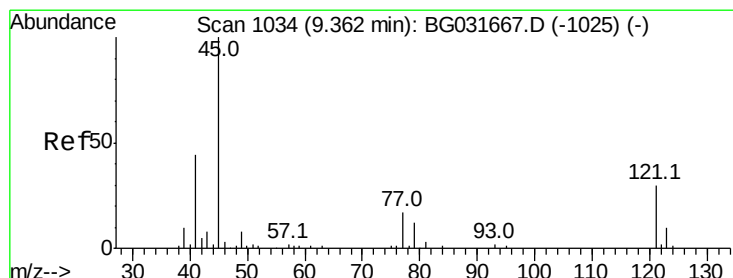
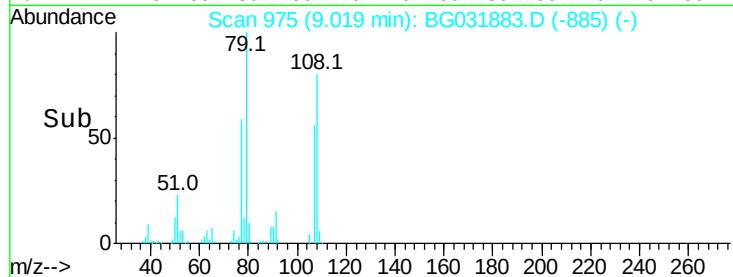
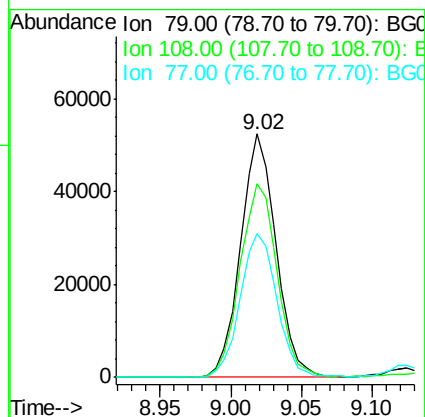
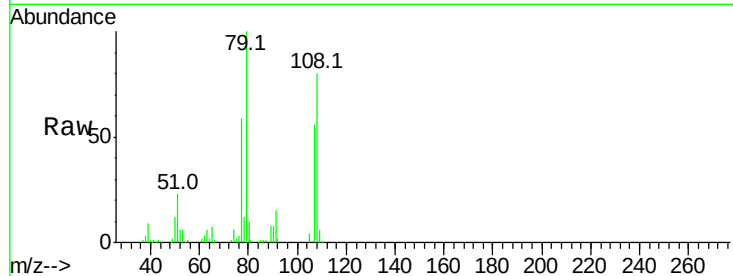
Tot Ion: 79 Resp: 92137

Ion Ratio Lower Upper

79 100

108 79.6 57.2 85.8

77 59.0 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.795 ng

RT: 9.32 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

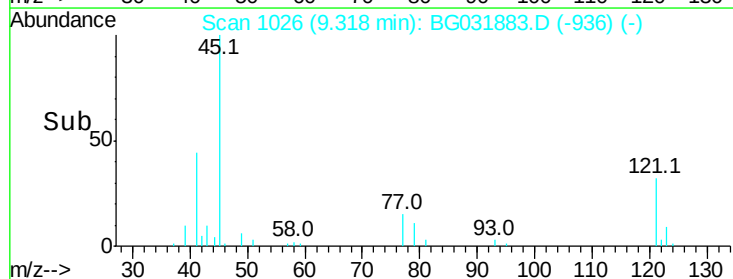
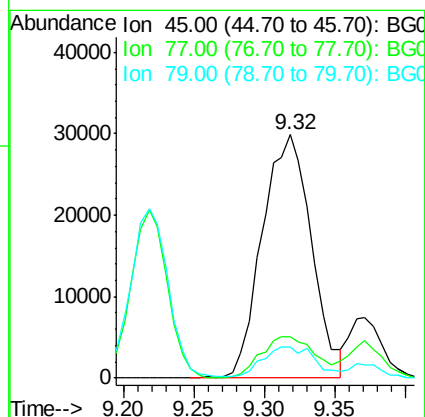
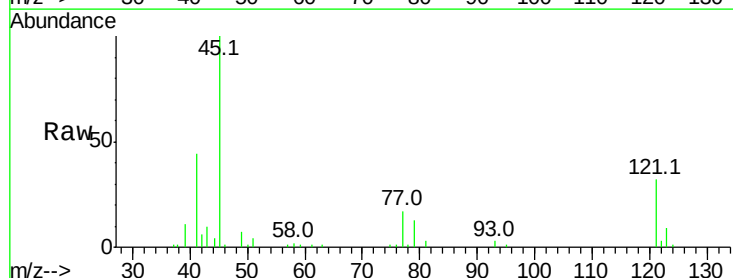
Tgt Ion: 45 Resp: 72724

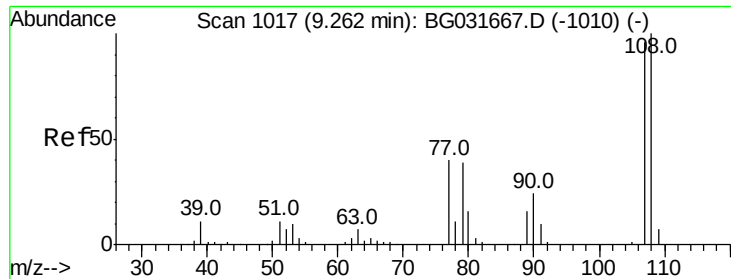
Ion Ratio Lower Upper

45 100

77 17.2 0.0 30.2

79 12.7 0.0 27.9





#17

2-Methylphenol

Concen: 41.271 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 88709

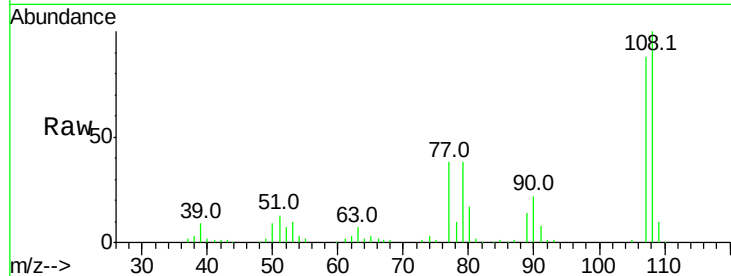
Ion Ratio Lower Upper

107 100

108 113.0 83.9 125.9

77 42.8 37.2 55.8

79 43.1 36.2 54.2

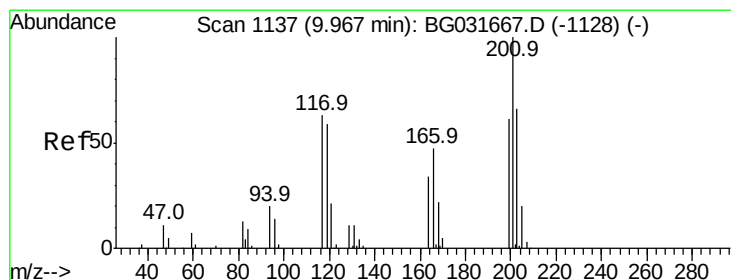
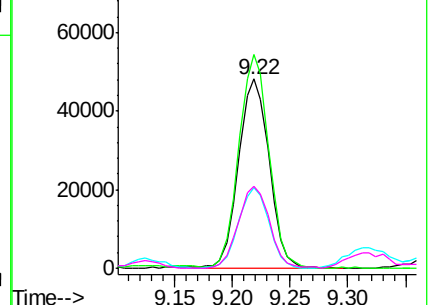
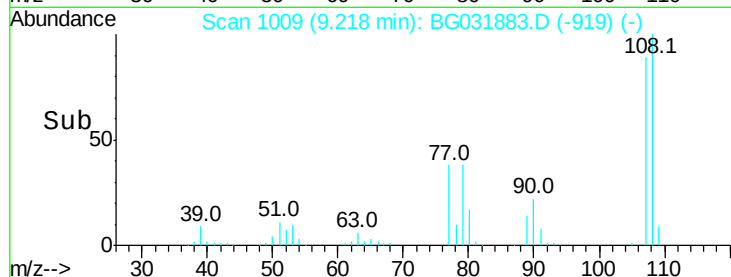


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.711 ng

RT: 9.91 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

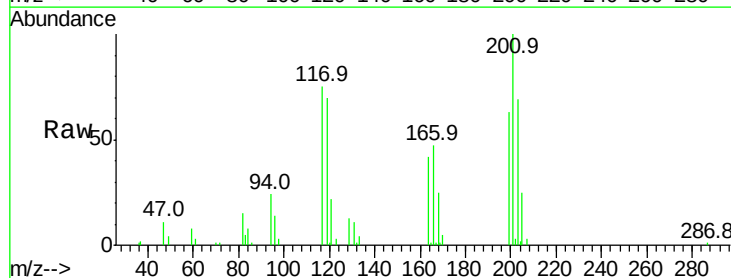
Tgt Ion:117 Resp: 39539

Ion Ratio Lower Upper

117 100

119 93.9 76.7 115.1

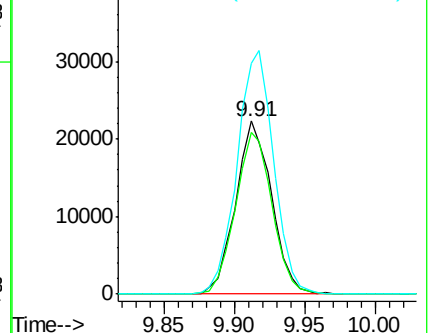
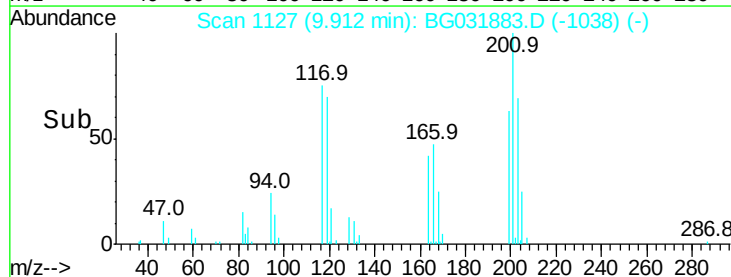
201 134.0 95.7 143.5

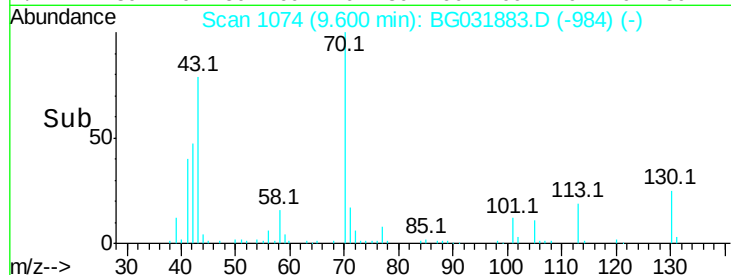
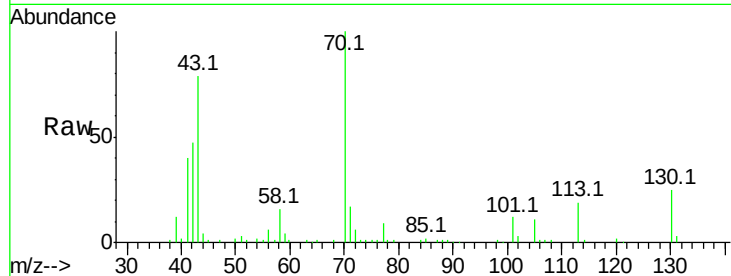
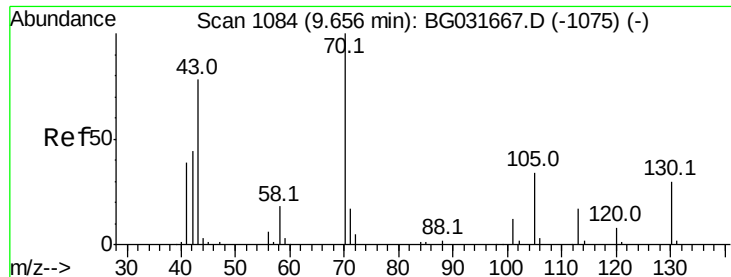


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

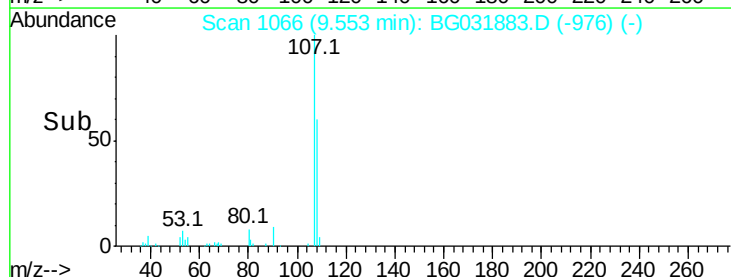
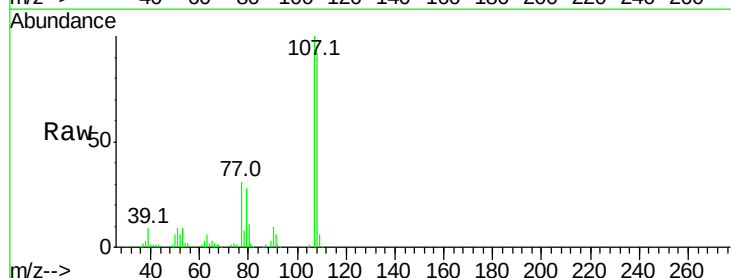
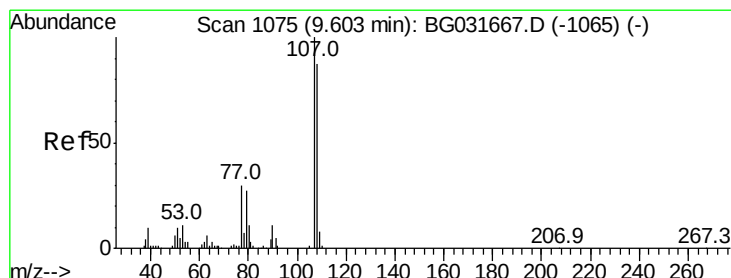
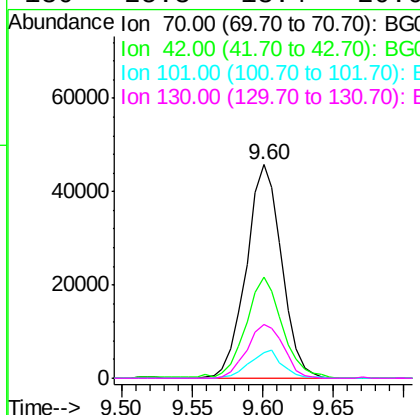




#19
n-Nitroso-di-n-propylamine
Concen: 39.448 ng
RT: 9.60 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

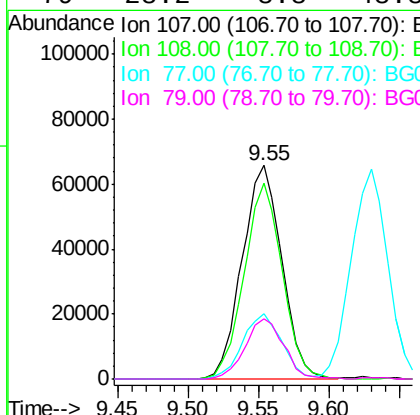
Instrument :
BNA_G
ClientSampleId :

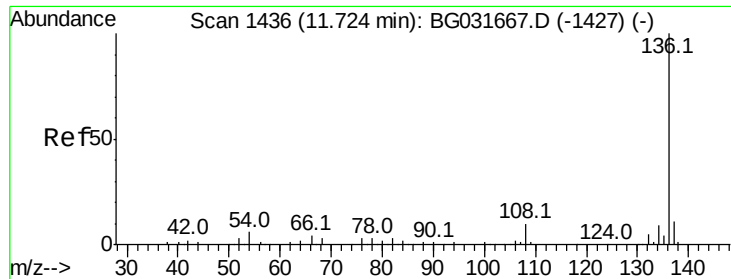
Tot Ion: 70 Resp: 80162
Ion Ratio Lower Upper
70 100
42 47.1 49.1 73.7#
101 11.8 8.5 12.7
130 25.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 42.277 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

Tgt Ion:107 Resp: 129151
Ion Ratio Lower Upper
107 100
108 91.8 61.6 101.6
77 30.7 13.9 53.9
79 28.2 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.67 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 183872

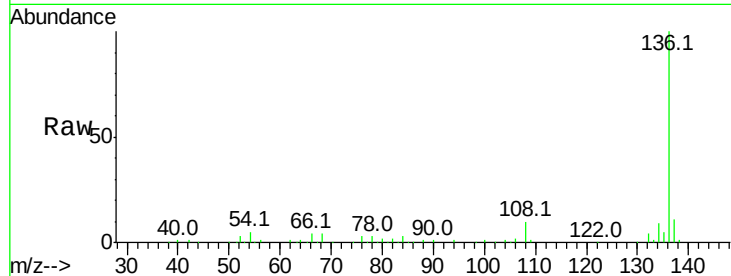
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 5.4 10.3 15.5#

68 4.0 4.5 6.7#

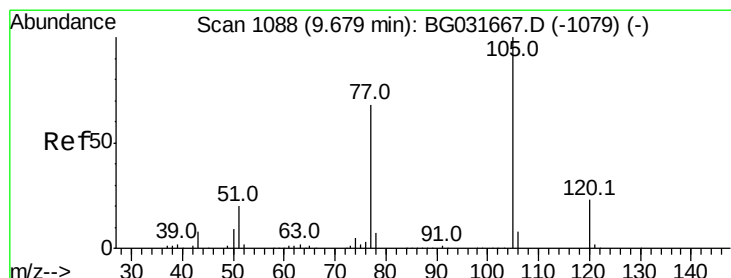
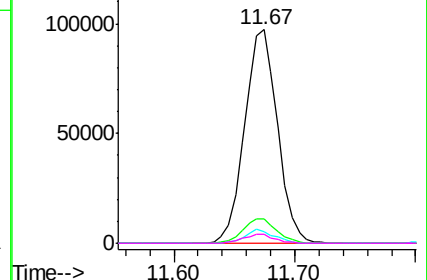
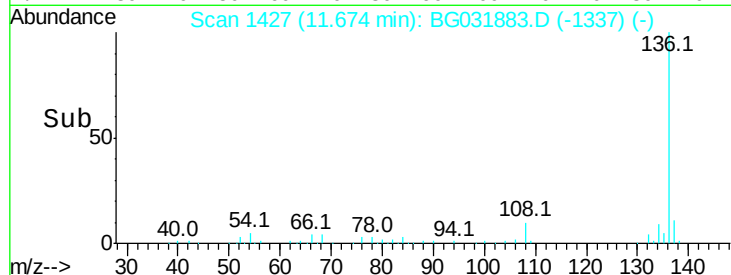


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.573 ng

RT: 9.63 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Tgt Ion:105 Resp: 164780

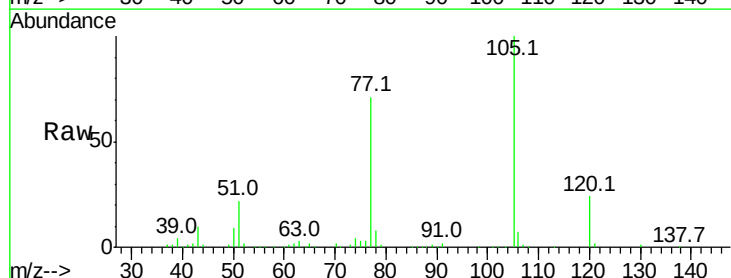
Ion Ratio Lower Upper

105 100

71 0.4 3.0 4.4#

51 21.8 26.1 39.1#

120 23.7 17.4 26.2

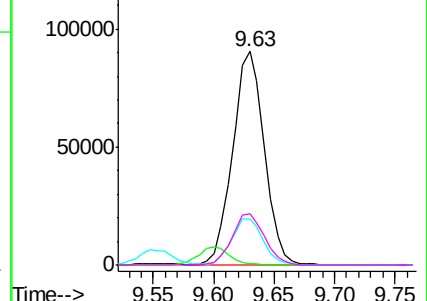
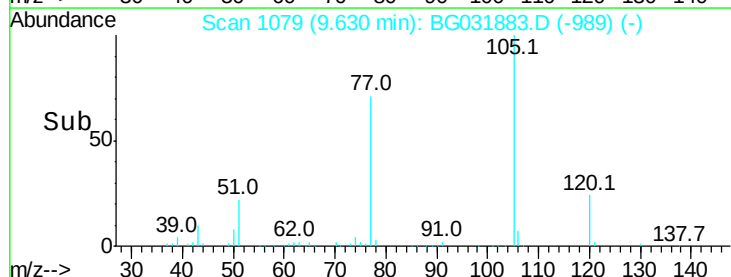


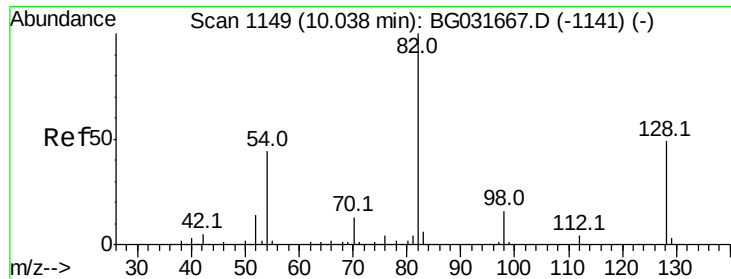
Abundance Ion 105.00 (104.70 to 105.70): E

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

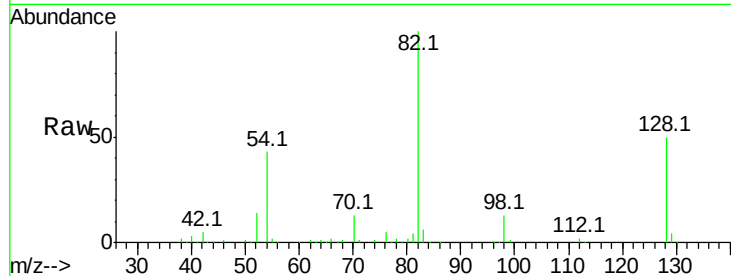




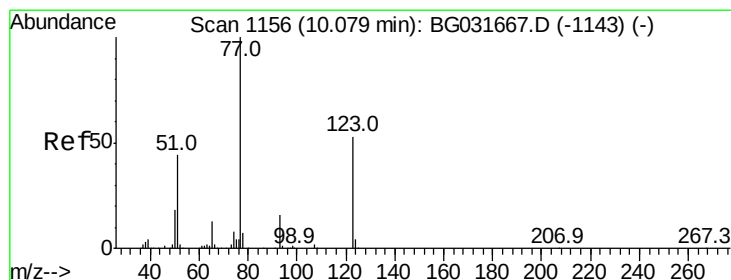
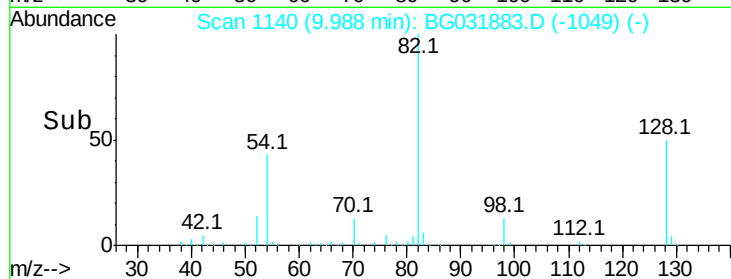
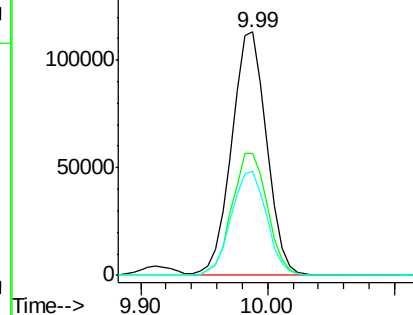
#23
 Nitrobenzene-d5
 Concen: 88.413 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 215285
 Ion Ratio Lower Upper
 82 100
 128 50.0 29.7 44.5#
 54 42.6 43.1 64.7#

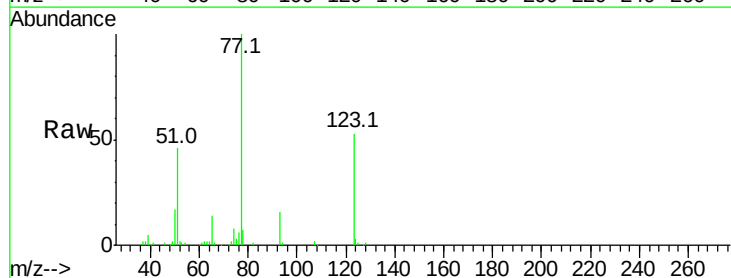


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

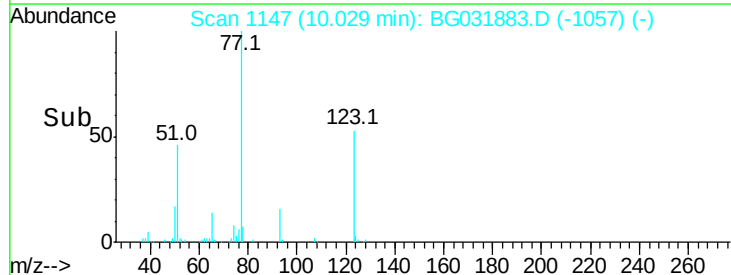
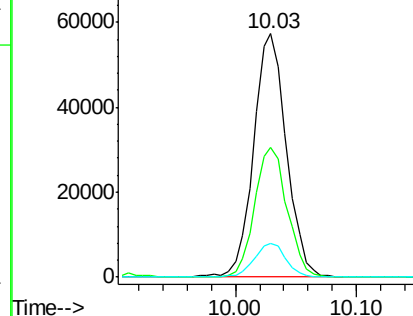


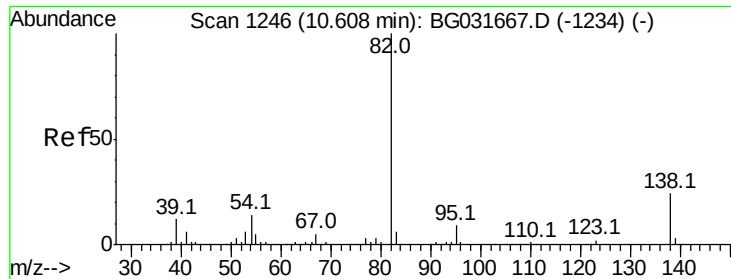
#24
 Nitrobenzene
 Concen: 42.910 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

Tgt Ion: 77 Resp: 107687
 Ion Ratio Lower Upper
 77 100
 123 53.4 33.0 49.6#
 65 13.7 13.0 19.6



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





#25

Isophorone

Concen: 39.203 ng

RT: 10.55 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

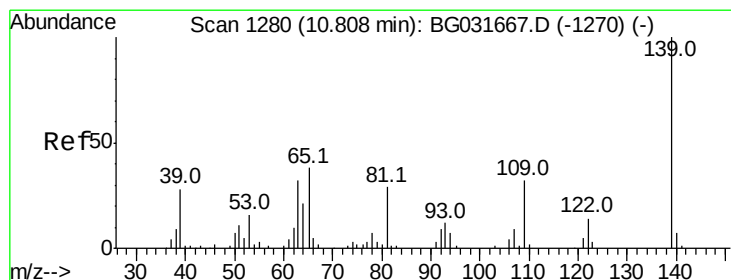
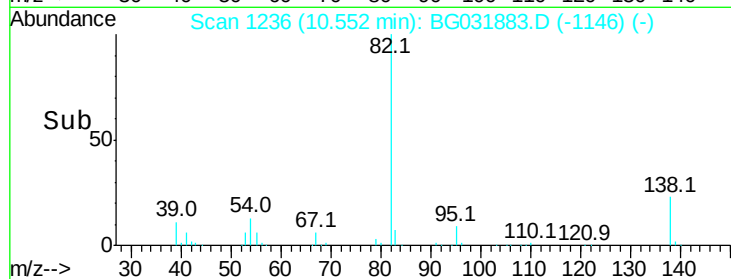
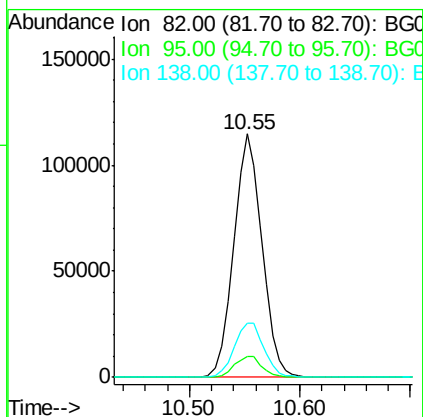
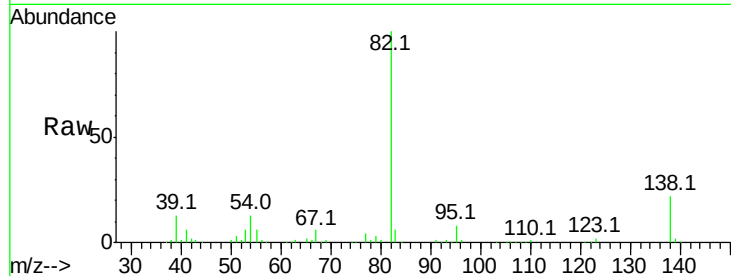
Tot Ion: 82 Resp: 205496

Ion Ratio Lower Upper

82 100

95 8.5 6.2 9.2

138 22.3 12.1 18.1#



#26

2-Nitrophenol

Concen: 50.536 ng

RT: 10.76 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

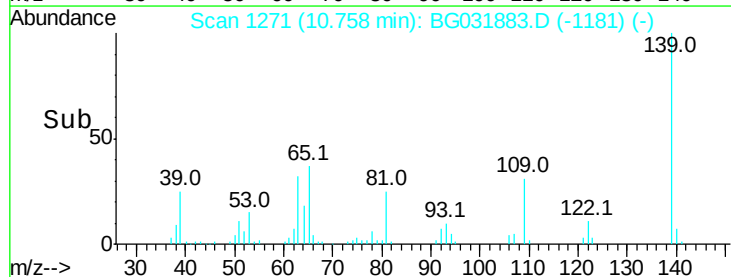
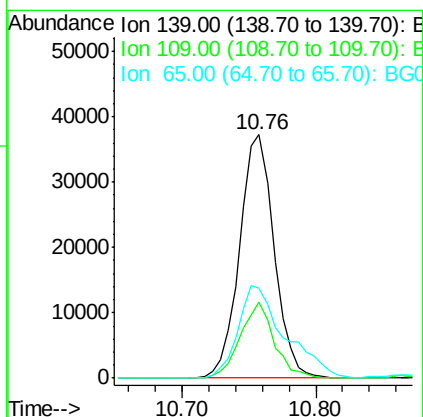
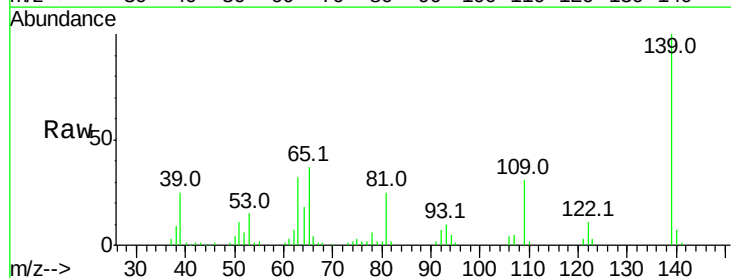
Tgt Ion: 139 Resp: 66497

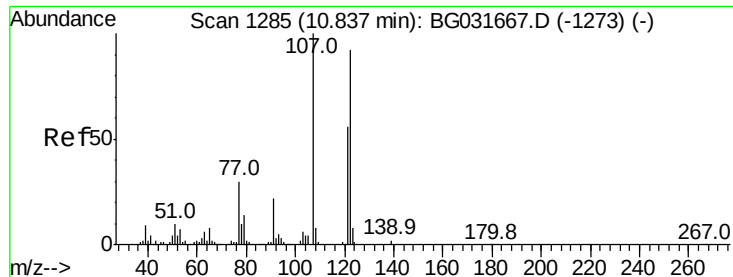
Ion Ratio Lower Upper

139 100

109 31.0 24.2 36.2

65 36.9 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 39.640 ng

RT: 10.79 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

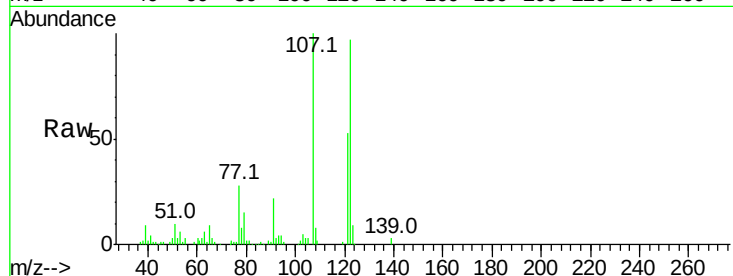
Tot Ion:122 Resp: 109758

Ion Ratio Lower Upper

122 100

107 103.6 100.2 150.2

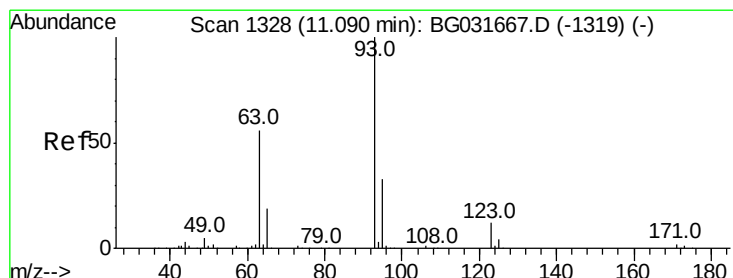
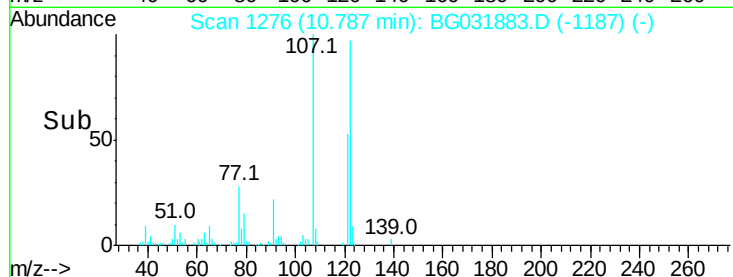
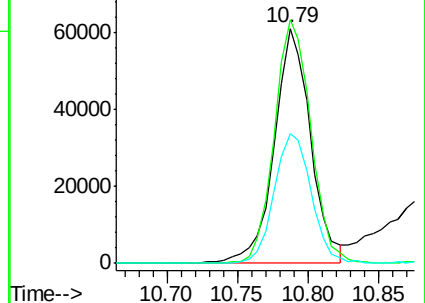
121 55.0 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.020 ng

RT: 11.03 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

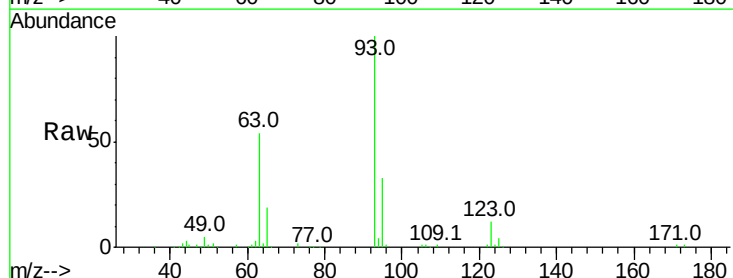
Tgt Ion: 93 Resp: 133725

Ion Ratio Lower Upper

93 100

95 33.3 24.3 36.5

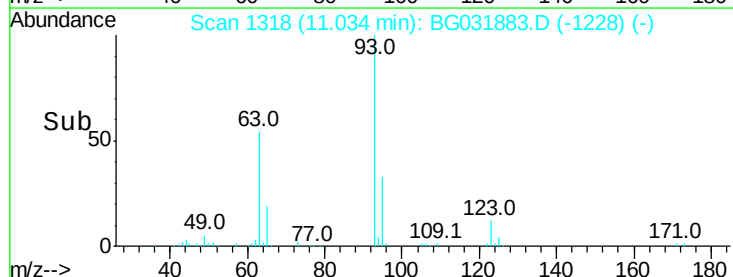
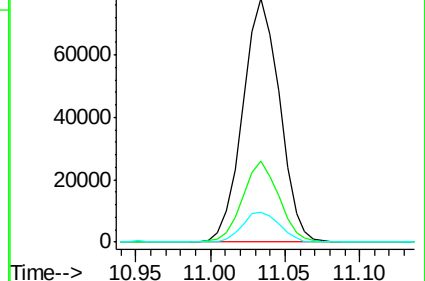
123 12.2 8.4 12.6

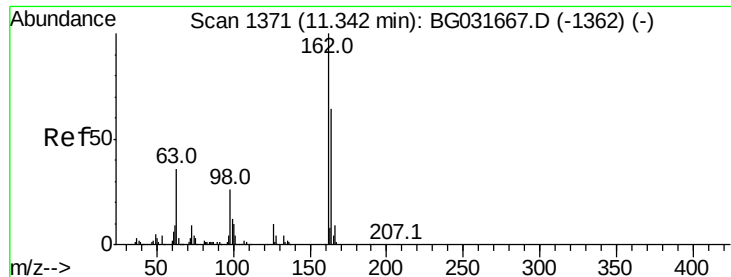


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

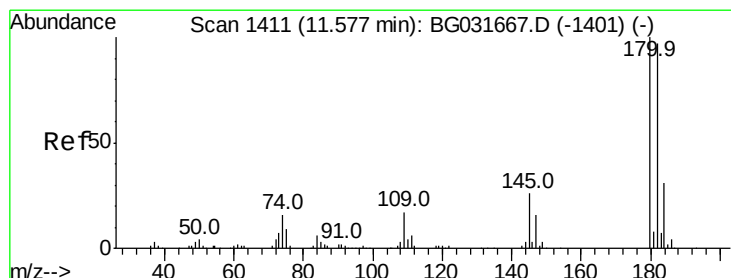
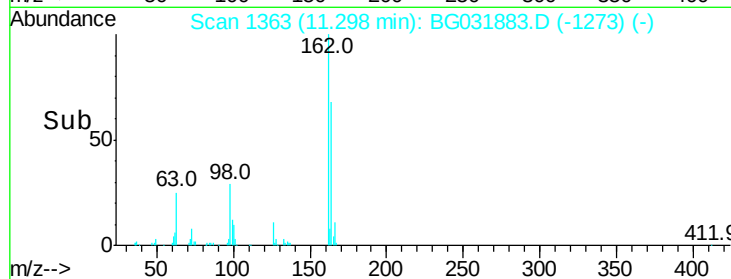
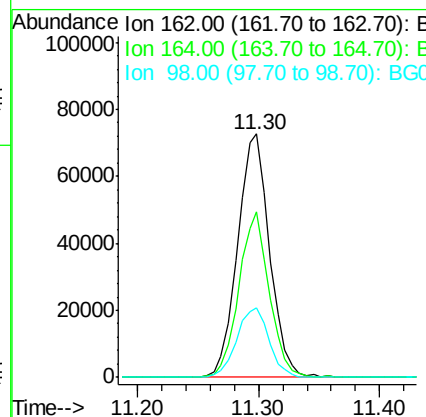
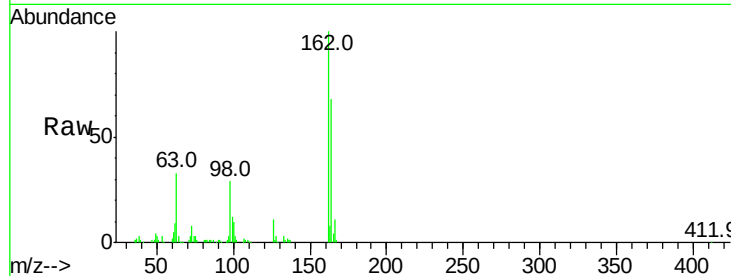




#29
 2,4-Dichlorophenol
 Concen: 41.117 ng
 RT: 11.30 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

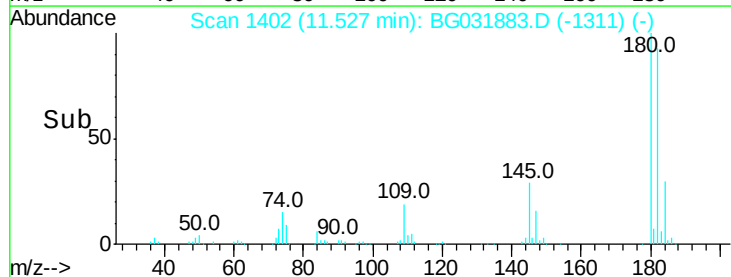
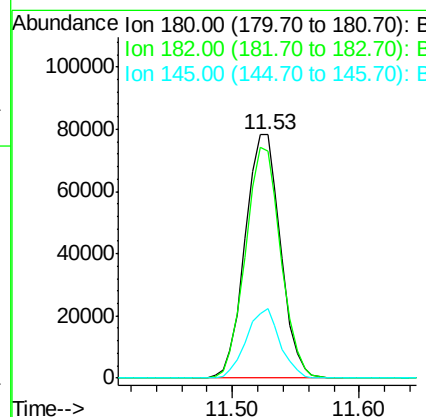
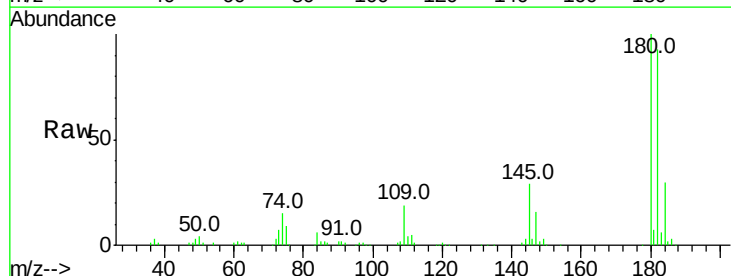
Instrument :
 BNA_G
 ClientSampled :

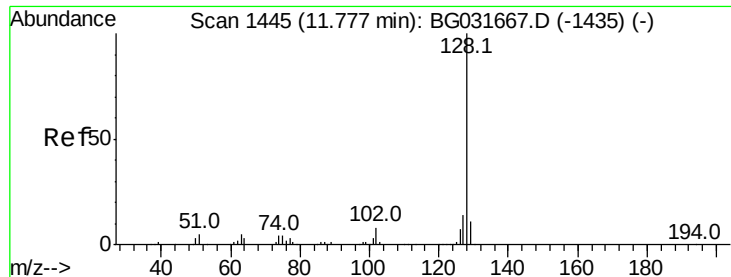
Tot Ion:162 Resp: 133654
 Ion Ratio Lower Upper
 162 100
 164 68.1 48.0 88.0
 98 28.7 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.219 ng
 RT: 11.53 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

Tgt Ion:180 Resp: 151688
 Ion Ratio Lower Upper
 180 100
 182 93.3 77.5 116.3
 145 28.8 23.4 35.2

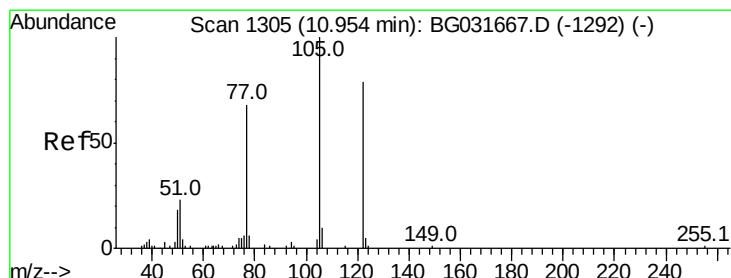
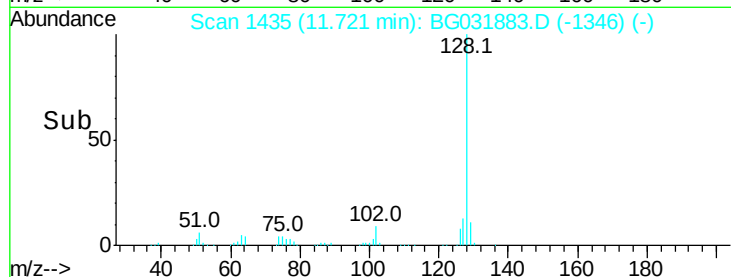
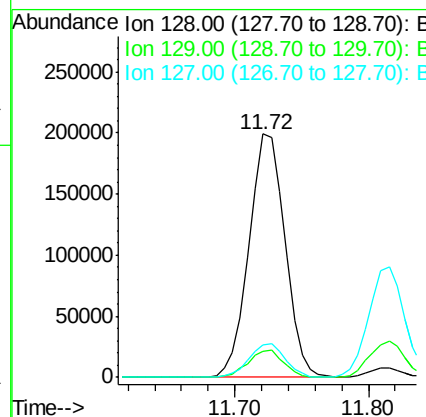
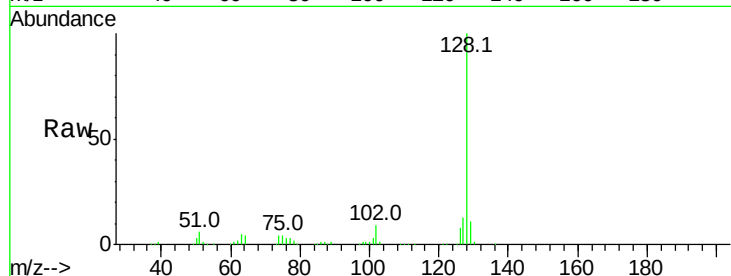




#31
Naphthalene
Concen: 40.010 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

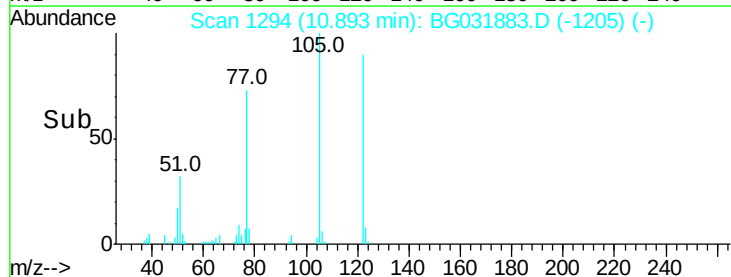
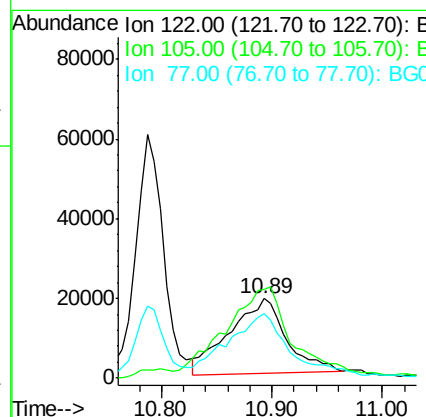
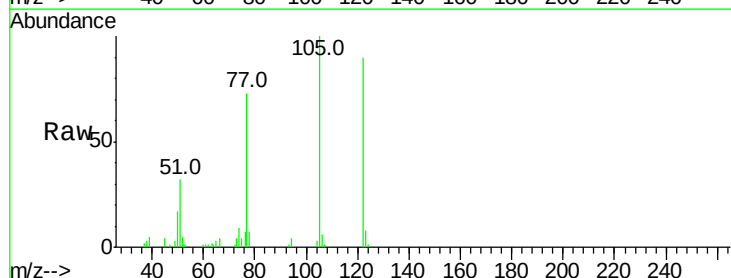
Instrument :
BNA_G
ClientSampleId :

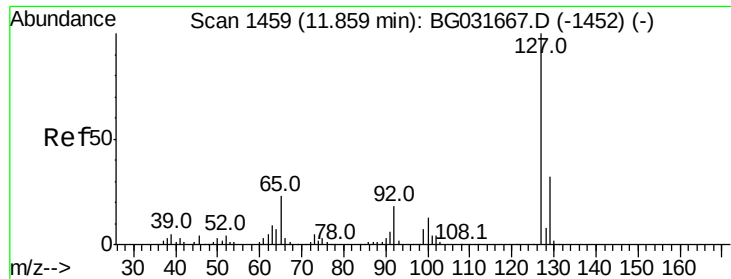
Tot Ion:128 Resp: 371280
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 37.552 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

Tgt Ion:122 Resp: 67708
Ion Ratio Lower Upper
122 100
105 110.8 123.5 163.5#
77 81.1 85.7 125.7#

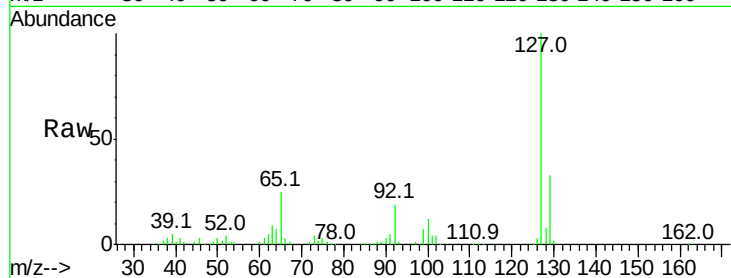




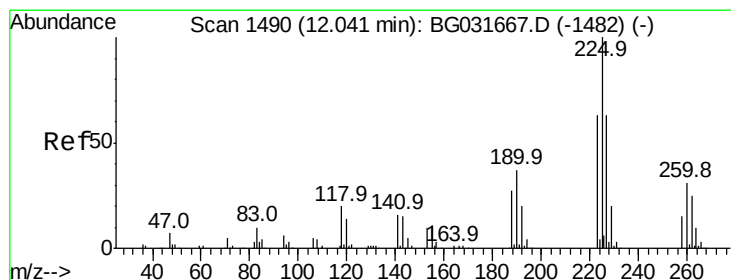
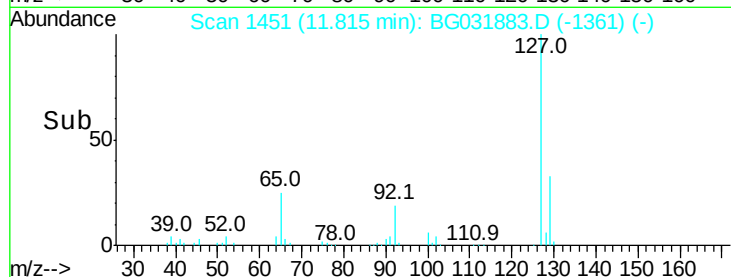
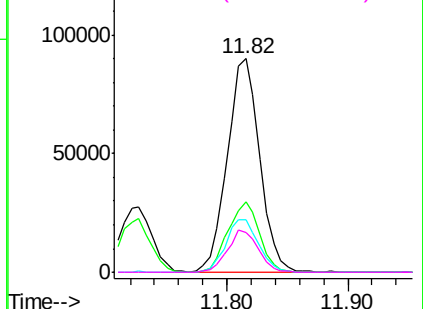
#33
4-Chloroaniline
Concen: 40.620 ng
RT: 11.82 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	167818
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.0	36.0
65	24.6	27.0	40.4#
92	18.5	16.6	25.0

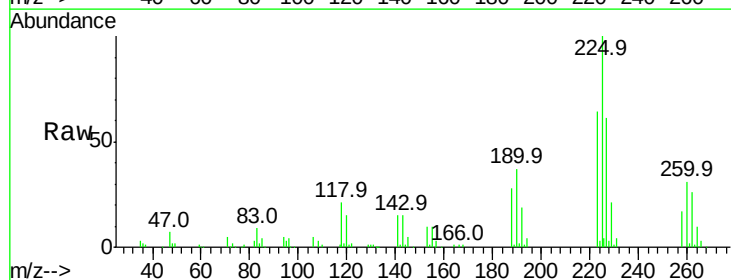


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

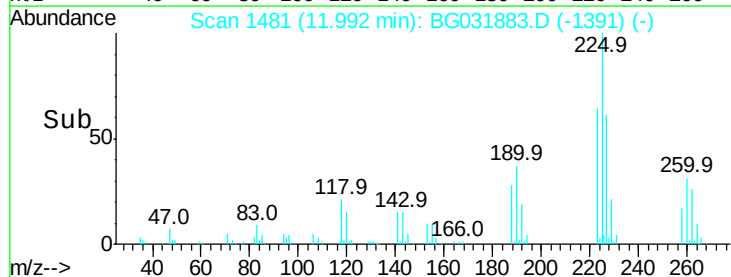
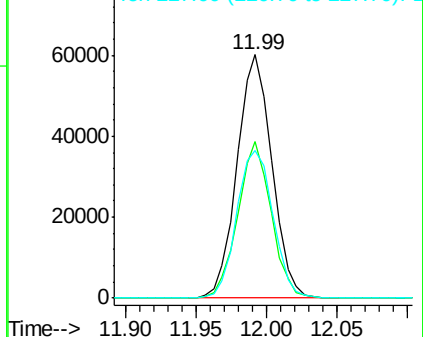


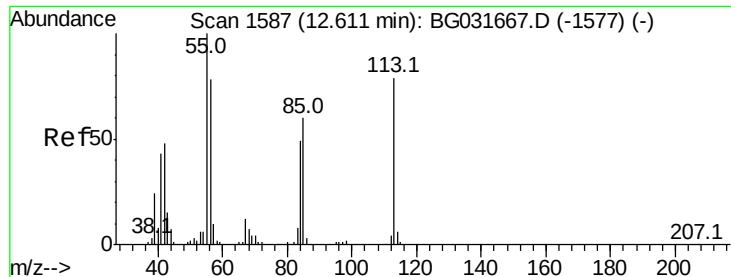
#34
Hexachlorobutadiene
Concen: 38.132 ng
RT: 11.99 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

Tgt Ion:	225	Resp:	103901
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.7	74.5
227	60.9	48.1	72.1



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





#35

Caprolactam

Concen: 47.615 ng

RT: 12.56 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

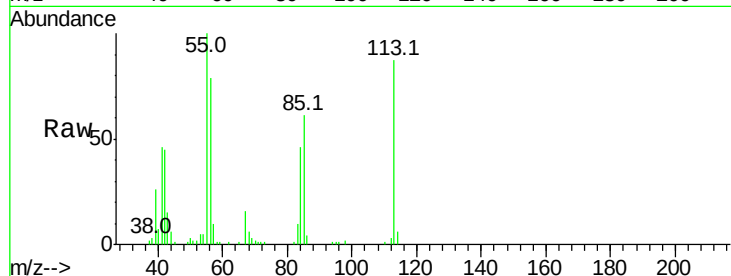
Tot Ion:113 Resp: 46915

Ion Ratio Lower Upper

113 100

55 115.3 186.9 226.9#

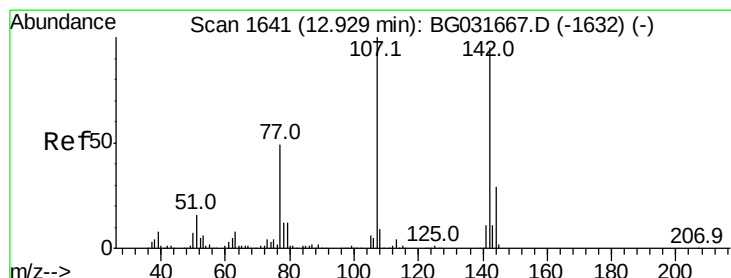
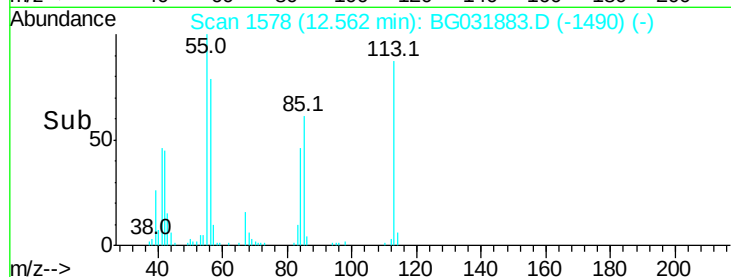
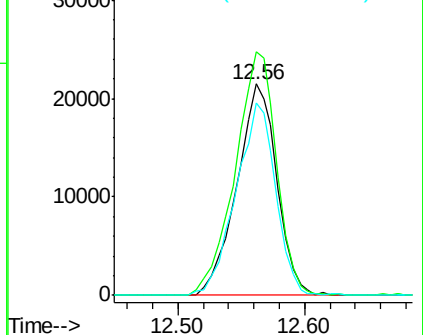
56 91.0 130.9 170.9#



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: 44.225 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

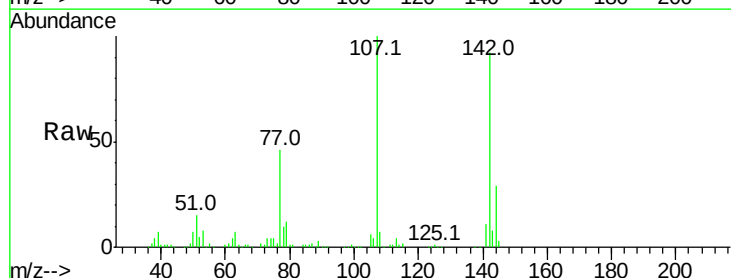
Tgt Ion:107 Resp: 132766

Ion Ratio Lower Upper

107 100

144 29.2 18.2 27.4#

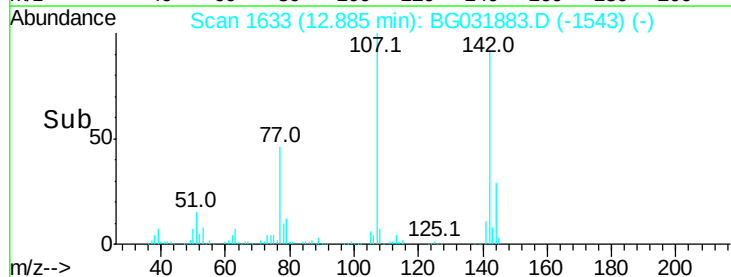
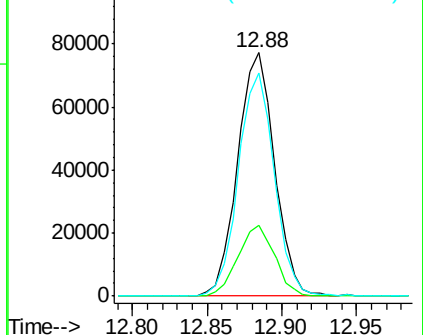
142 91.6 59.0 88.4#

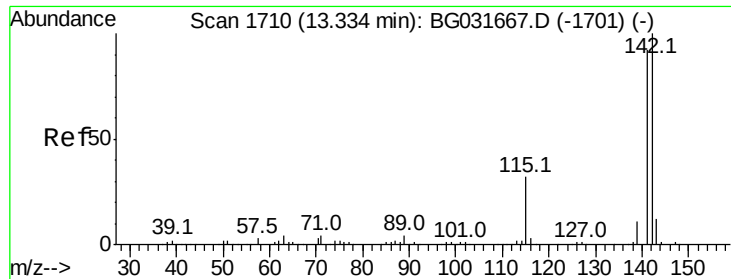


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

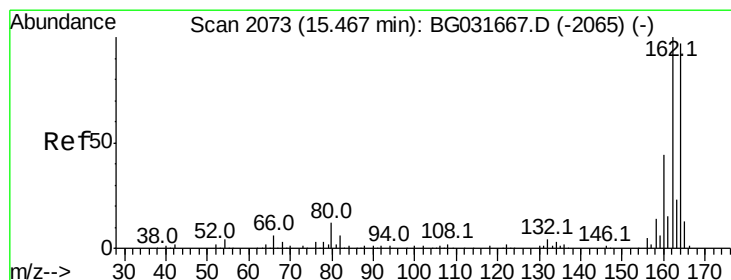
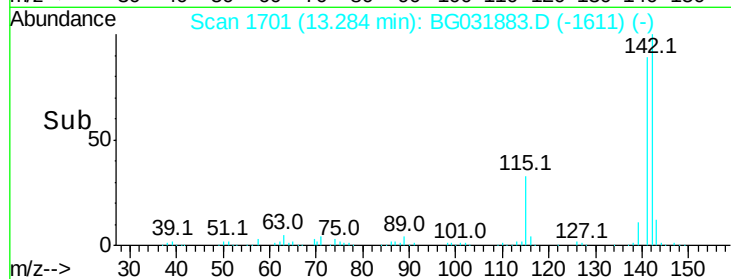
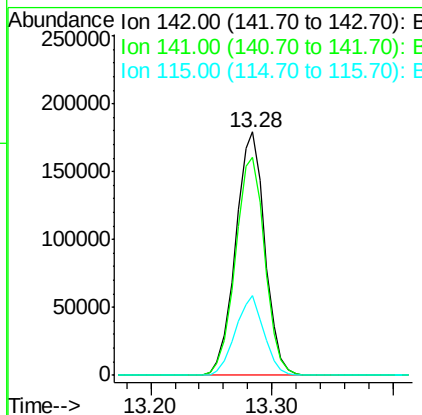
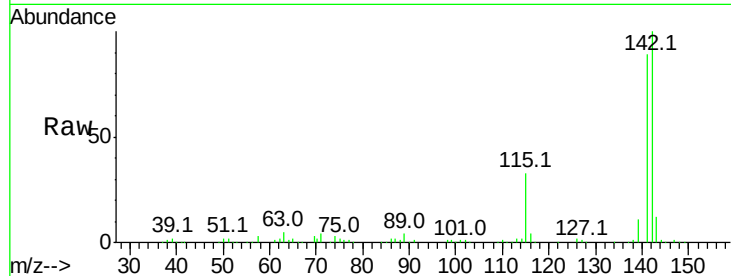




#37
 2-Methylnaphthalene
 Concen: 40.071 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

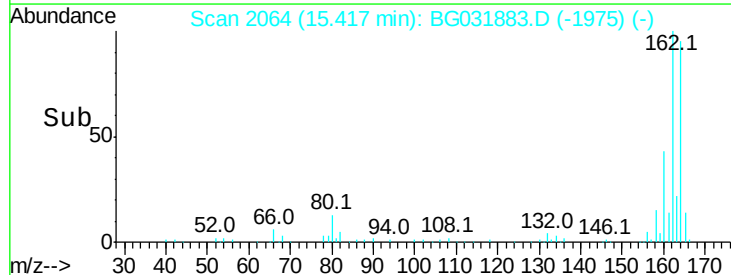
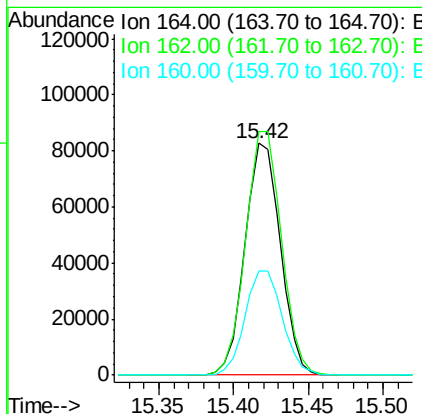
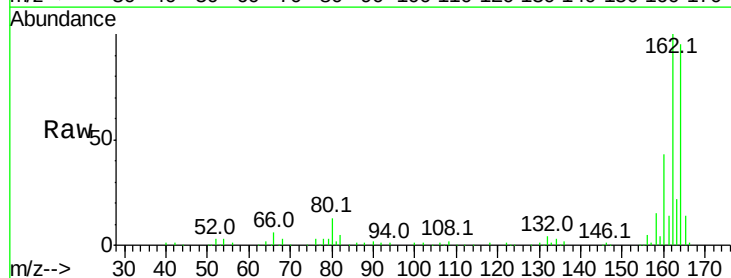
Instrument :
 BNA_G
 ClientSampleId :

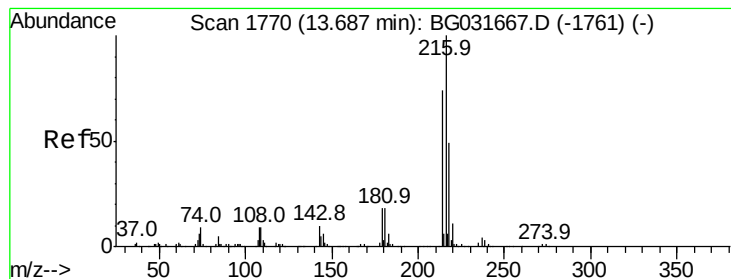
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	67.1	100.7
115	32.6	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	45.2	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.947 ng

RT: 13.64 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BG031883.D

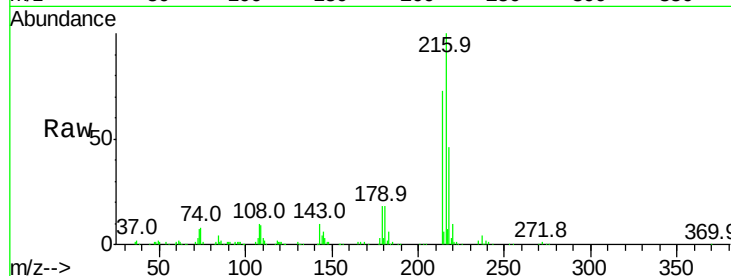
Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	210607
Ion Ratio	Lower	Upper	
216	100		
214	77.3	63.0	94.4
179	18.9	17.0	25.6
108	11.2	12.8	19.2#

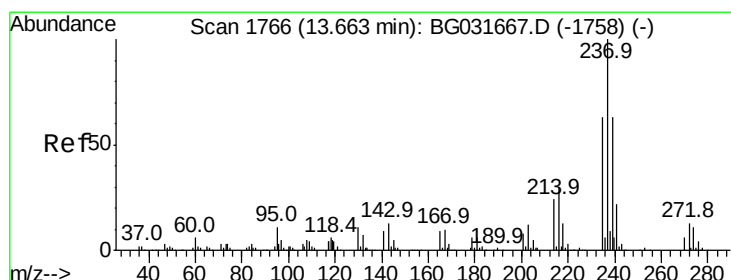
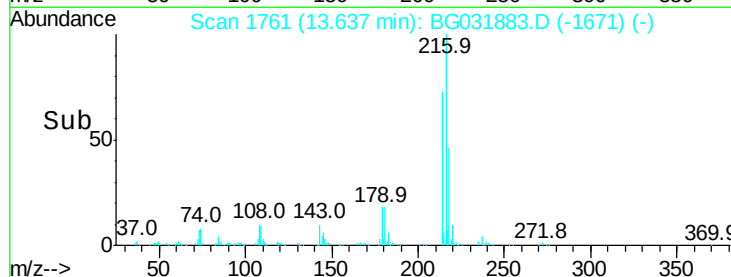
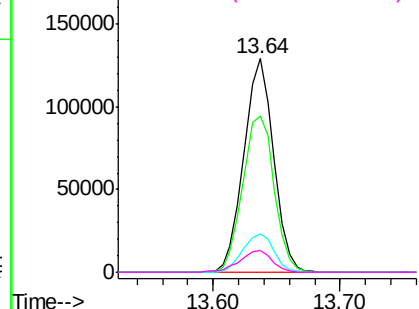


Abundance Ion 216.00 (215.70 to 216.70): E

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: 34.528 ng

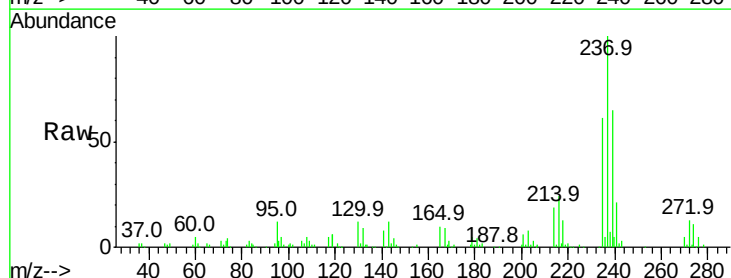
RT: 13.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

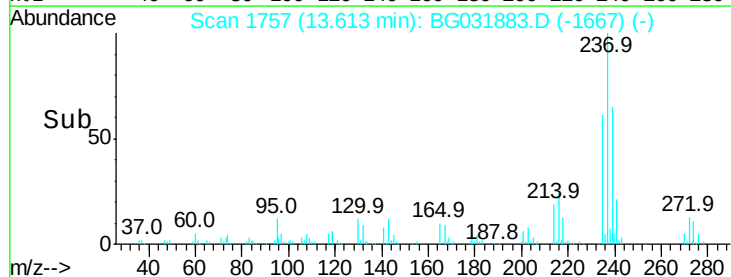
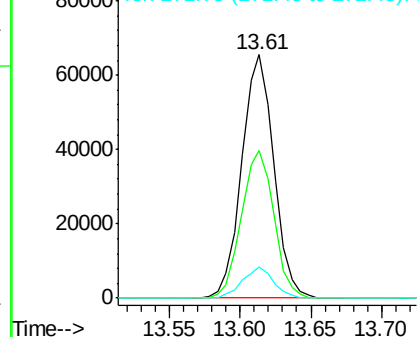
Tgt Ion:	237	Resp:	103830
Ion Ratio	Lower	Upper	
237	100		
235	60.7	50.4	90.4
272	13.0	0.0	31.8

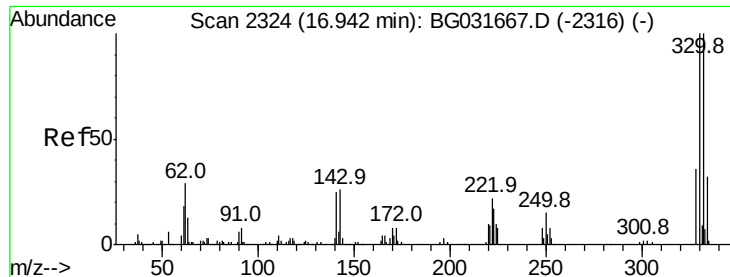


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 91.414 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

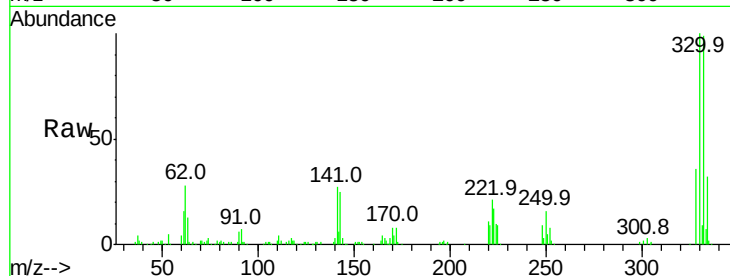
Tot Ion:330 Resp: 188769

Ion Ratio Lower Upper

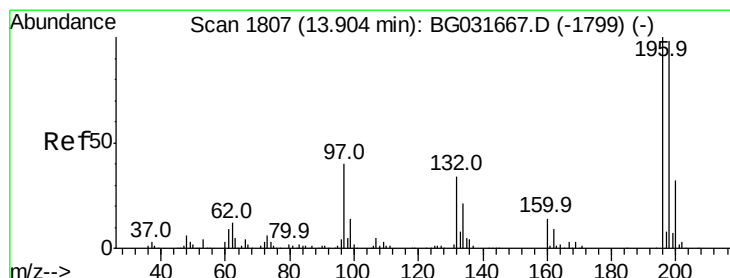
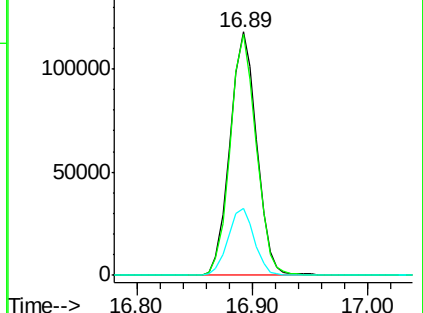
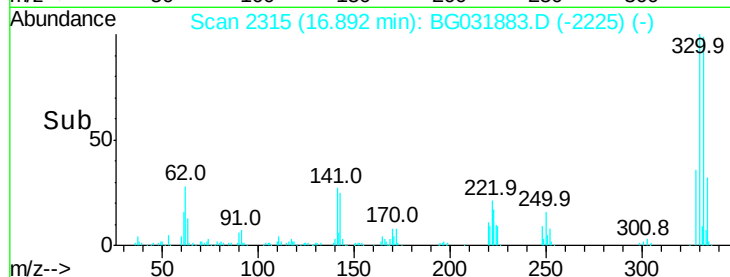
330 100

332 96.6 77.0 115.6

141 27.0 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: 40.882 ng

RT: 13.86 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

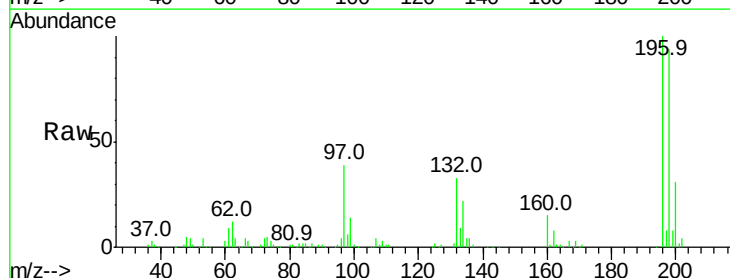
Tgt Ion:196 Resp: 134360

Ion Ratio Lower Upper

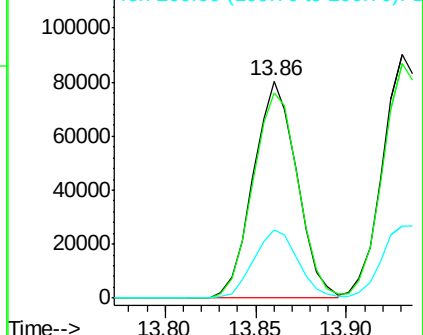
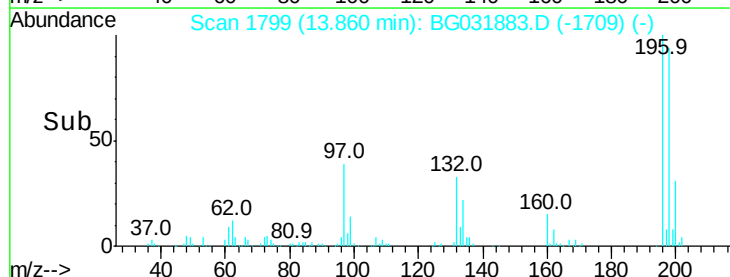
196 100

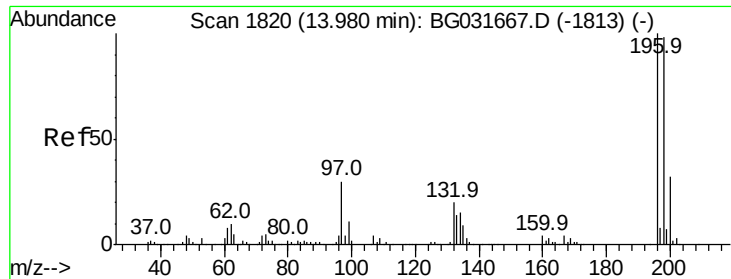
198 94.5 78.2 117.2

200 31.2 24.6 36.8



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

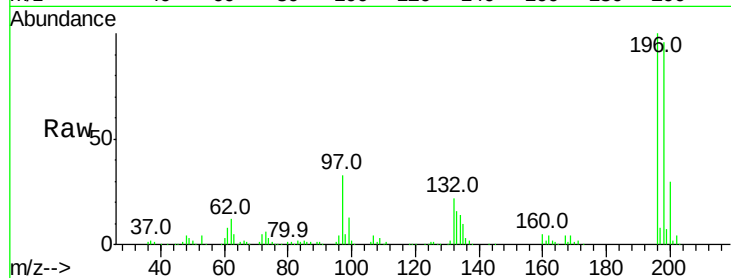




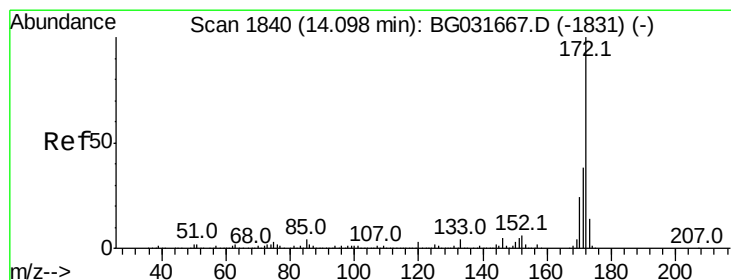
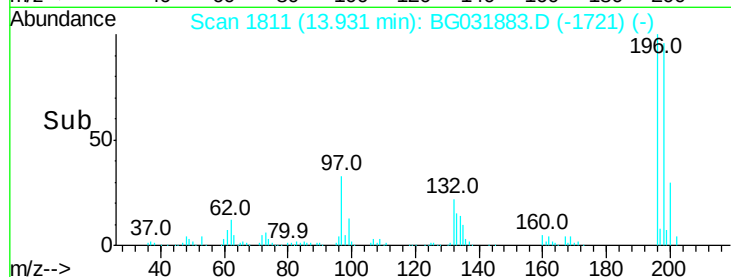
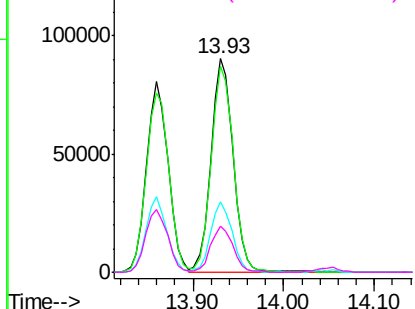
#43
 2,4,5-Trichlorophenol
 Concen: 41.793 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.4
97	33.3	38.7	58.1
132	21.9	20.2	30.2

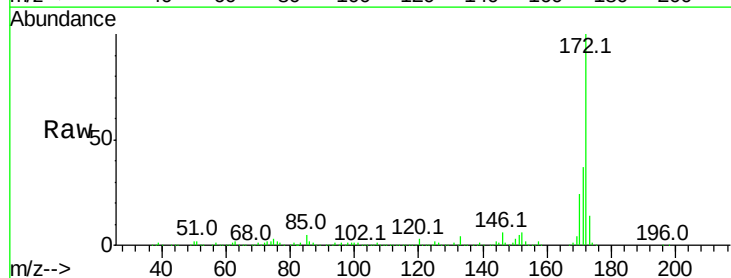


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

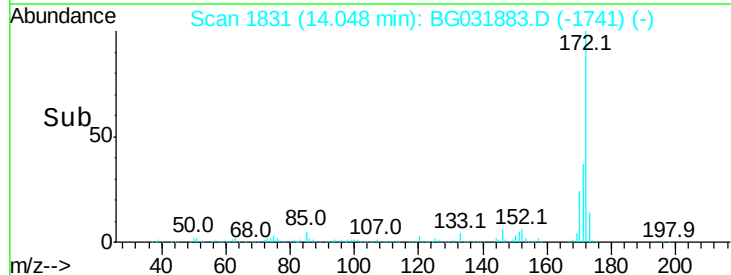
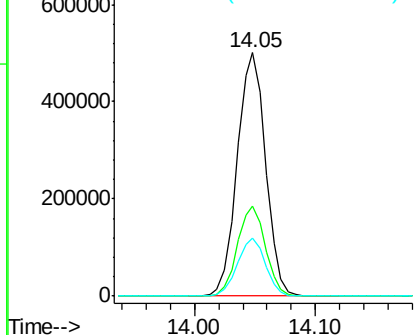


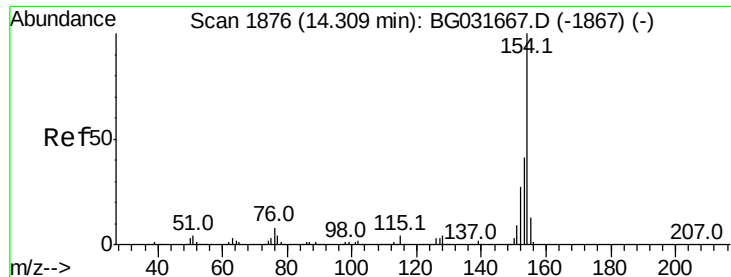
#44
 2-Fluorobiphenyl
 Concen: 75.899 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.8	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: 38.304 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

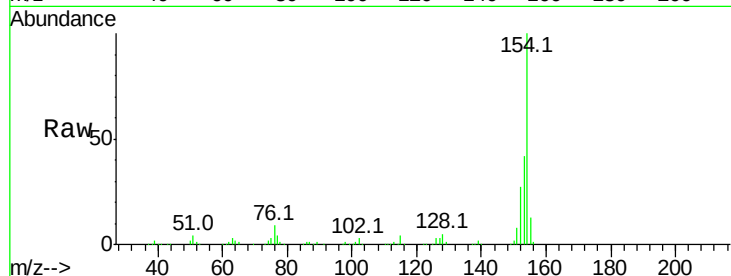
Tot Ion:154 Resp: 442743

Ion Ratio Lower Upper

154 100

153 41.7 19.8 59.8

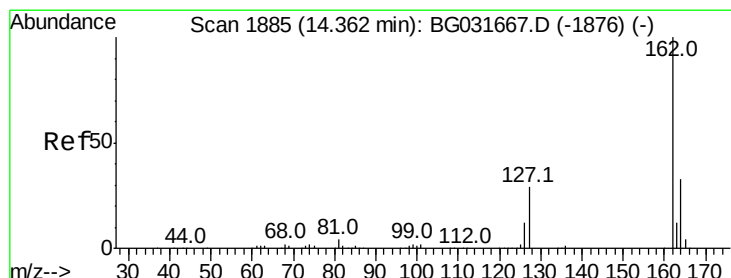
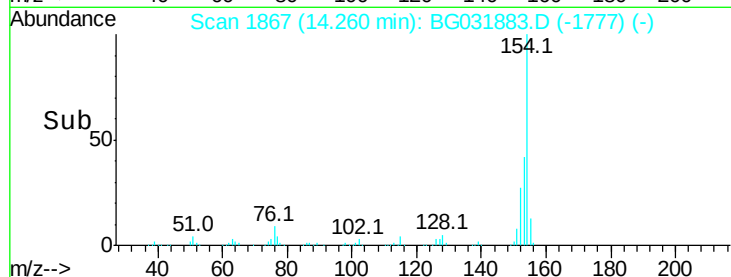
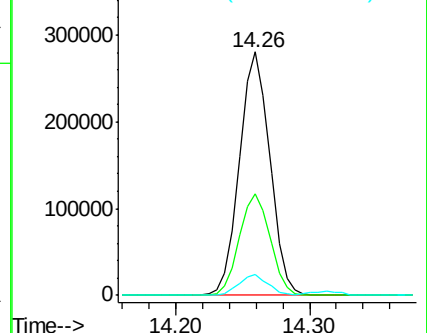
76 8.7 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 37.917 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

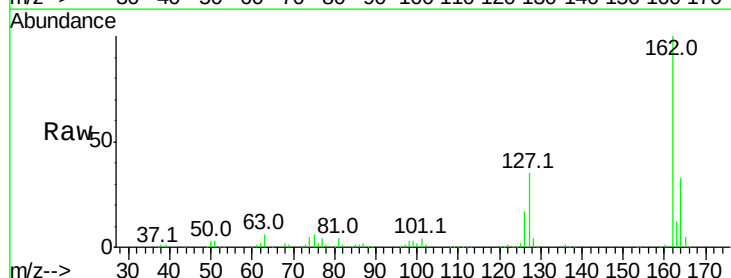
Tgt Ion:162 Resp: 334290

Ion Ratio Lower Upper

162 100

127 34.9 30.7 46.1

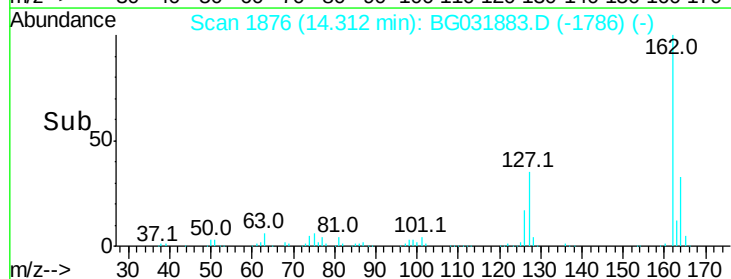
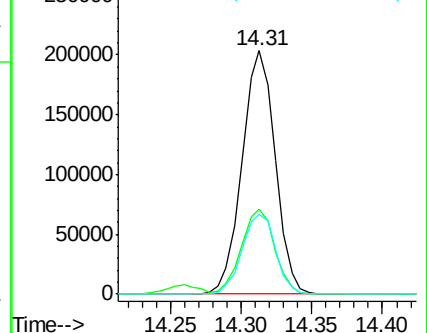
164 32.7 26.0 39.0

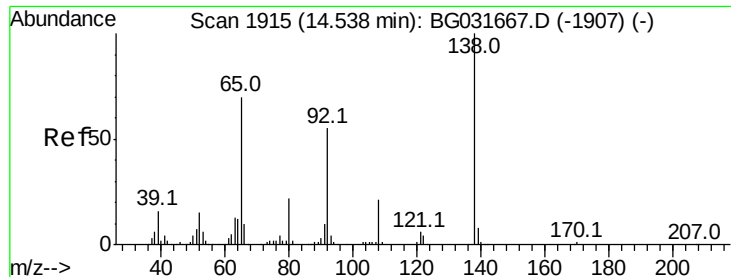


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.320 ng

RT: 14.50 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

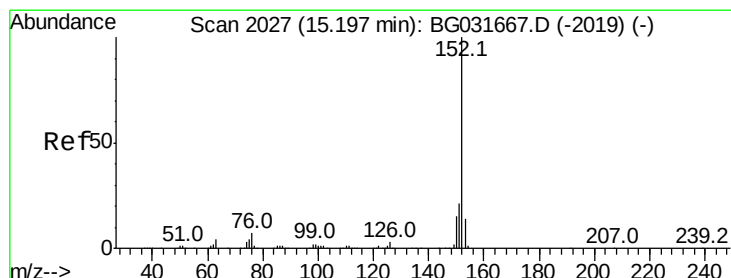
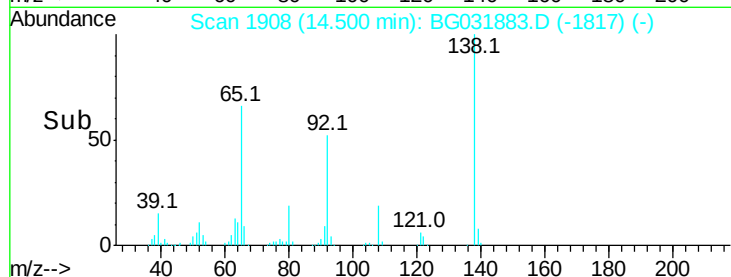
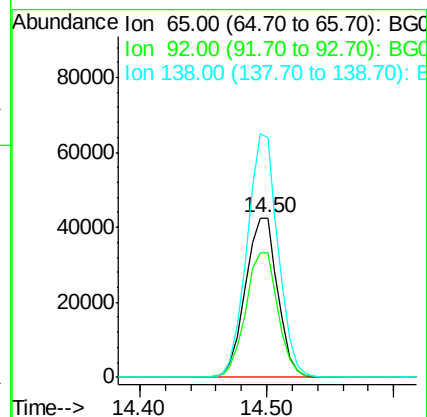
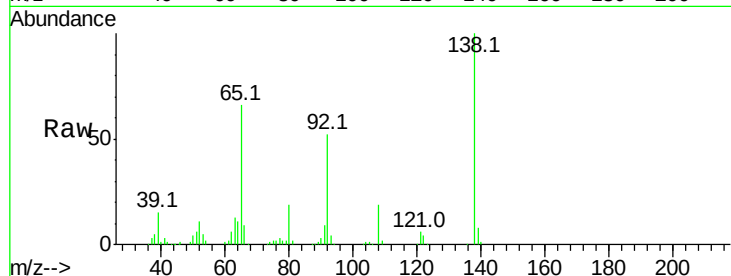
Tot Ion: 65 Resp: 75099

Ion Ratio Lower Upper

65 100

92 78.2 54.6 82.0

138 150.5 72.9 109.3#



#48

Acenaphthylene

Concen: 39.627 ng

RT: 15.15 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

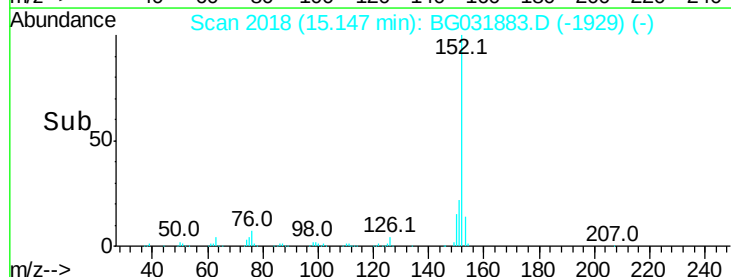
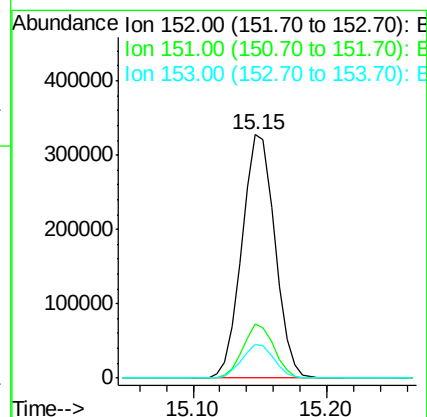
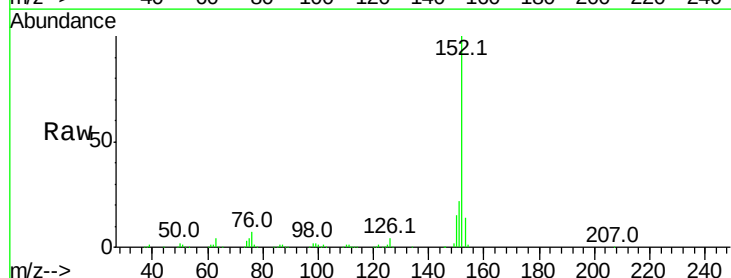
Tgt Ion: 152 Resp: 558926

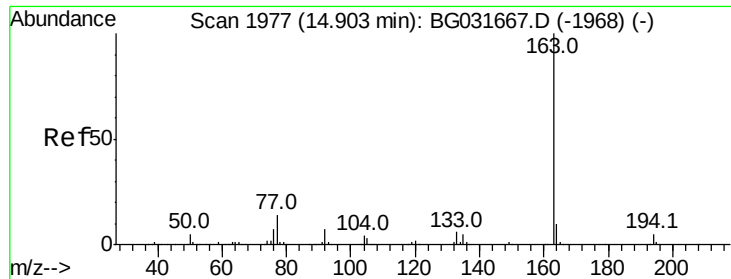
Ion Ratio Lower Upper

152 100

151 22.3 17.2 25.8

153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 40.341 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

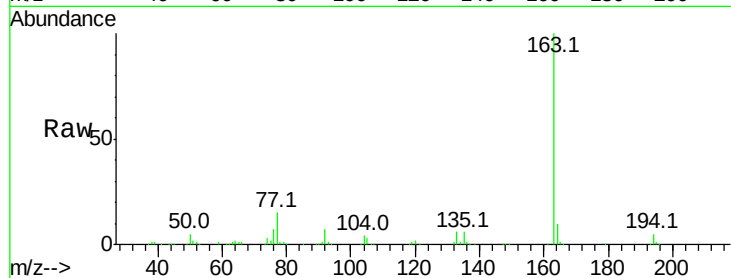
Tot Ion:163 Resp: 480958

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

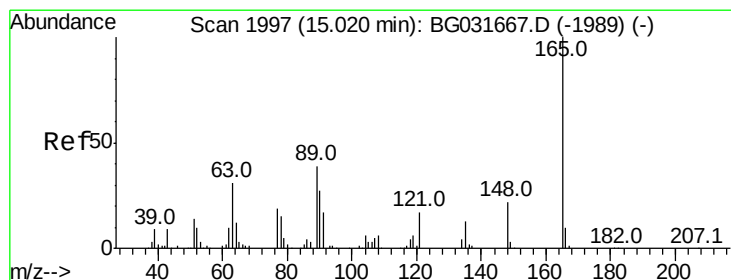
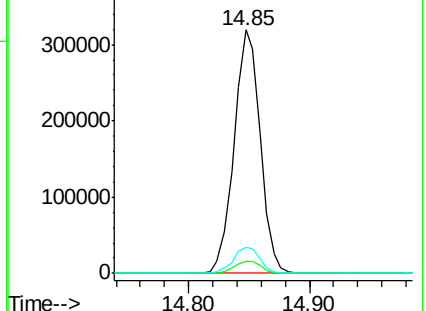
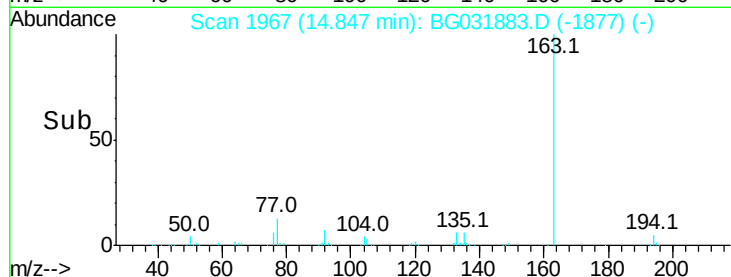
164 10.5 8.2 12.4



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: 46.892 ng

RT: 14.98 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

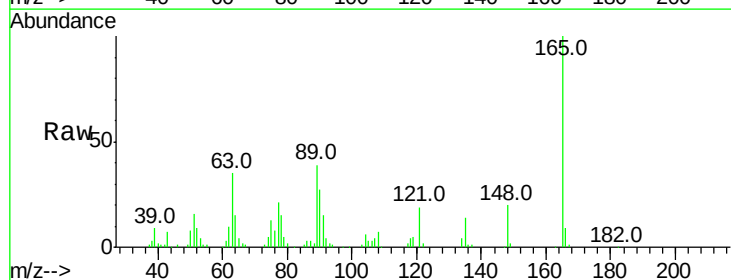
Tgt Ion:165 Resp: 102846

Ion Ratio Lower Upper

165 100

63 34.9 52.7 79.1#

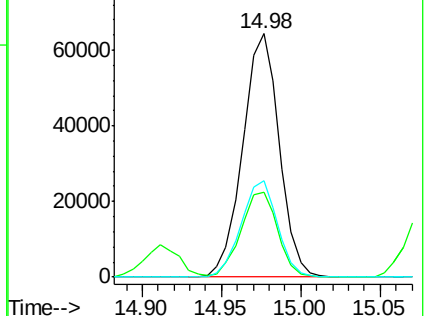
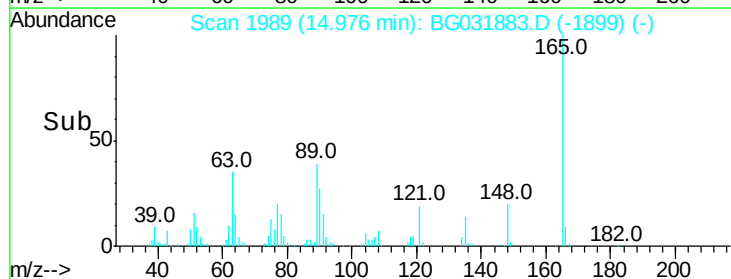
89 39.5 49.2 73.8#

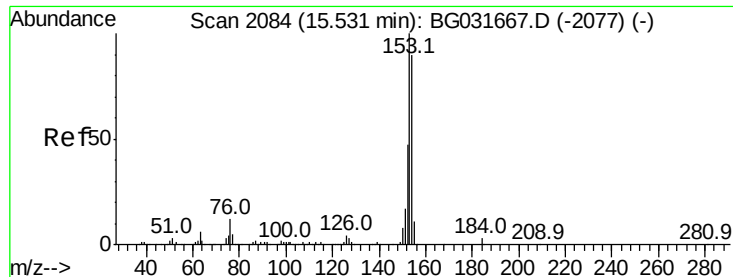


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 40.112 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

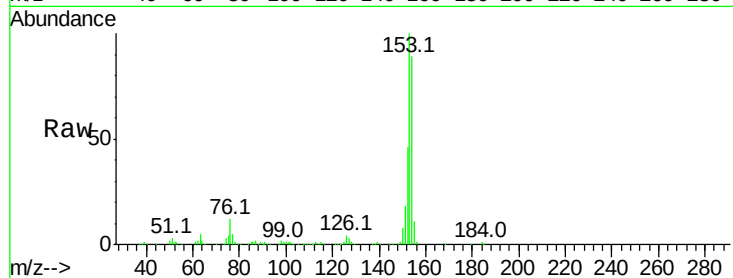
Tot Ion:154 Resp: 370532

Ion Ratio Lower Upper

154 100

153 112.1 90.4 135.6

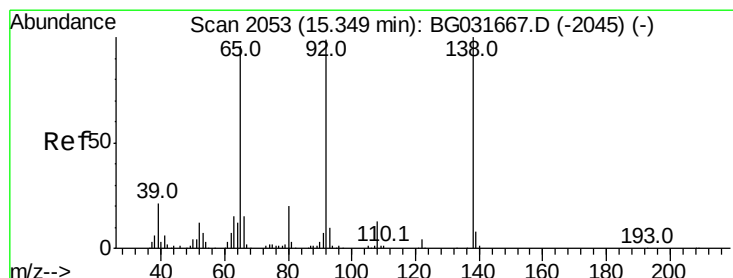
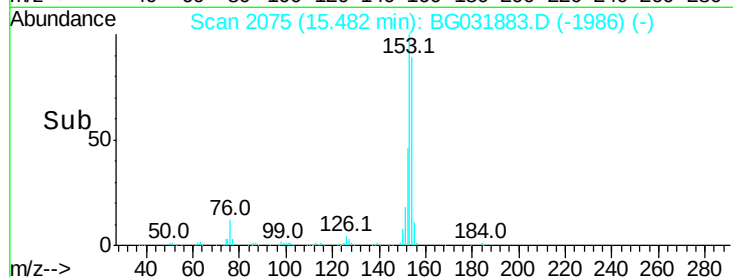
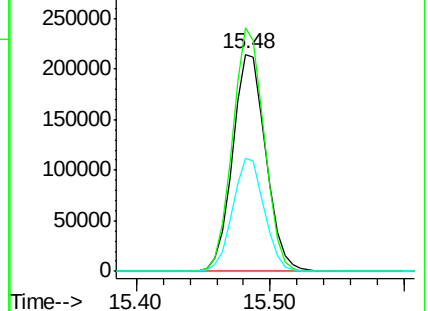
152 52.0 41.6 62.4



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: 48.546 ng

RT: 15.31 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

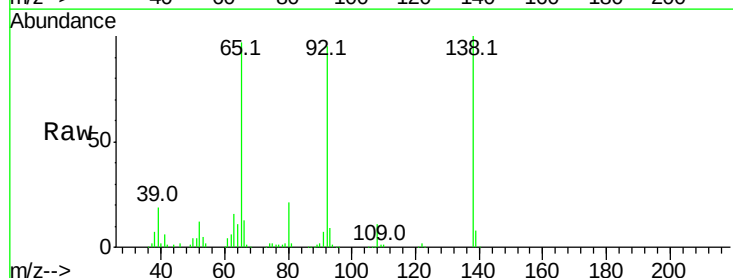
Tgt Ion:138 Resp: 103879

Ion Ratio Lower Upper

138 100

108 11.5 17.5 26.3#

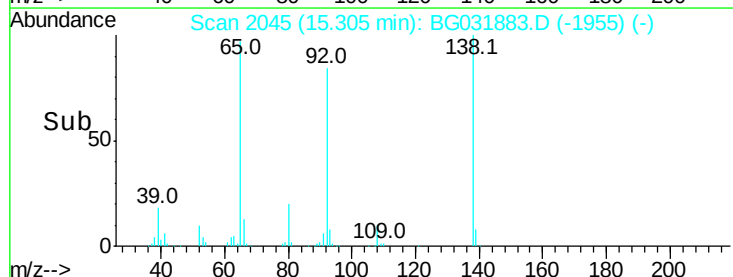
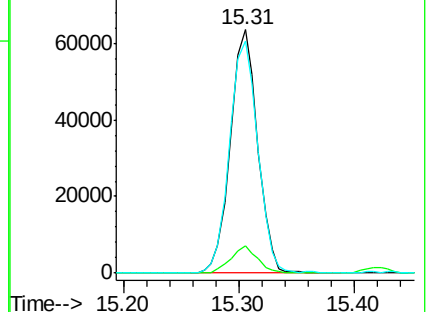
92 95.4 105.8 158.8#

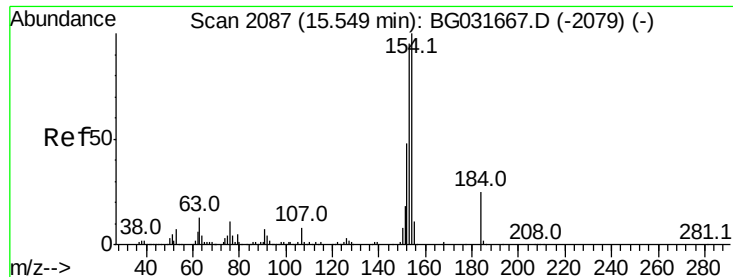


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

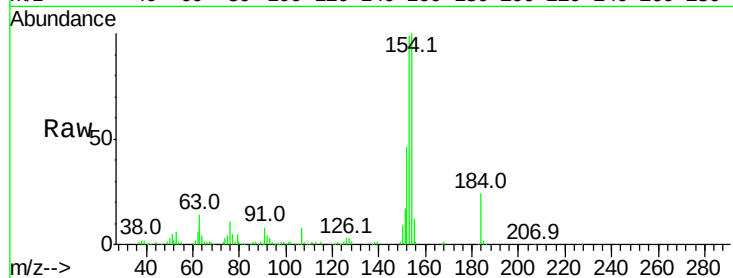




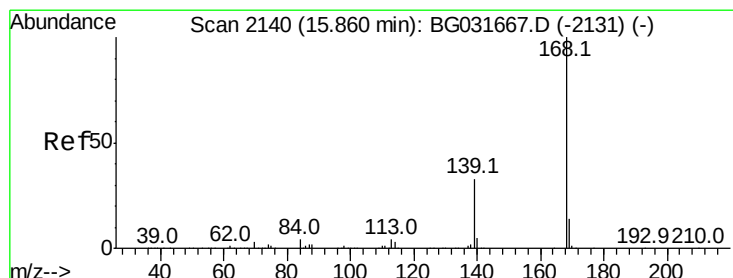
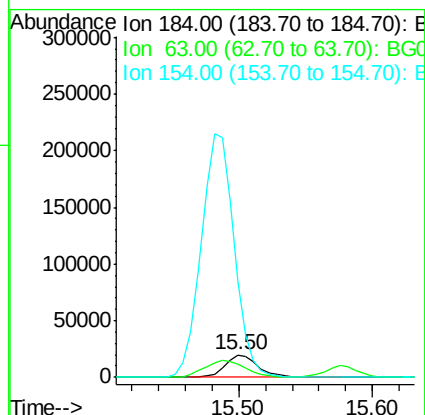
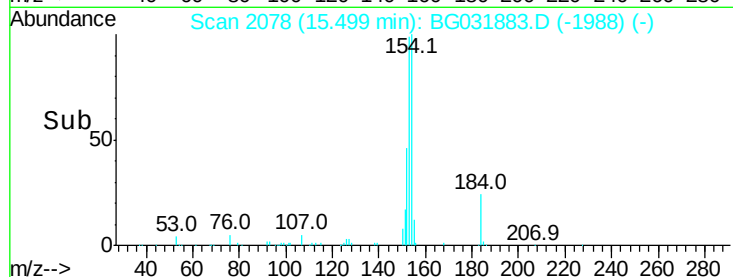
#53
2,4-Dinitrophenol
Concen: 41.101 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 34472
Ion Ratio Lower Upper
184 100
63 59.9 59.8 89.8
154 422.2 101.8 152.8#

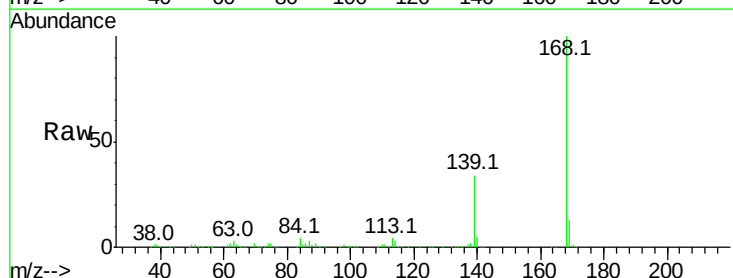


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

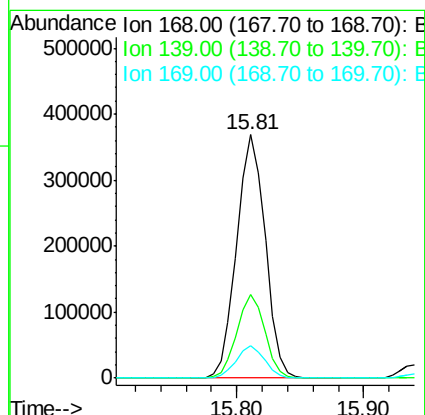
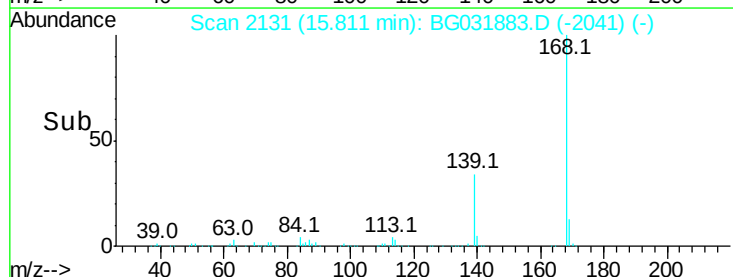


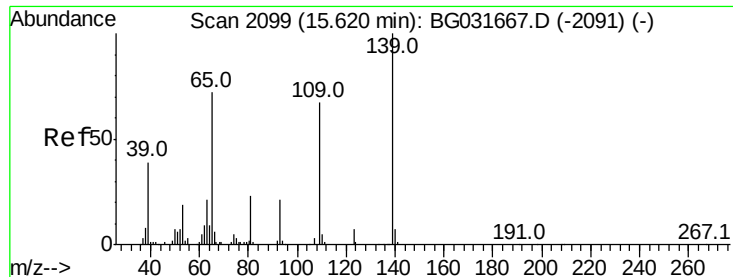
#54
Dibenzofuran
Concen: 40.435 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

Tgt Ion:168 Resp: 572570
Ion Ratio Lower Upper
168 100
139 34.5 28.6 43.0
169 13.4 11.2 16.8



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

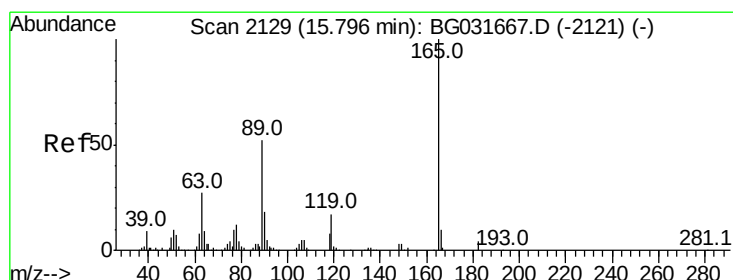
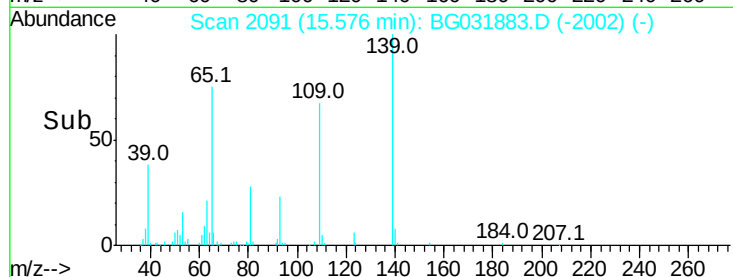
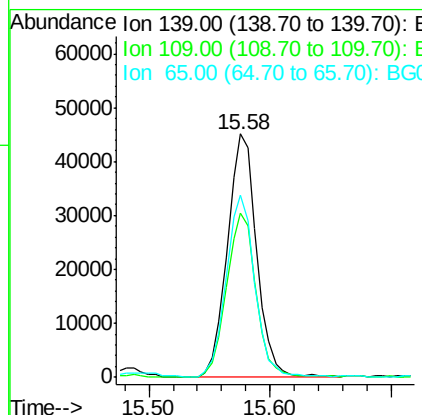
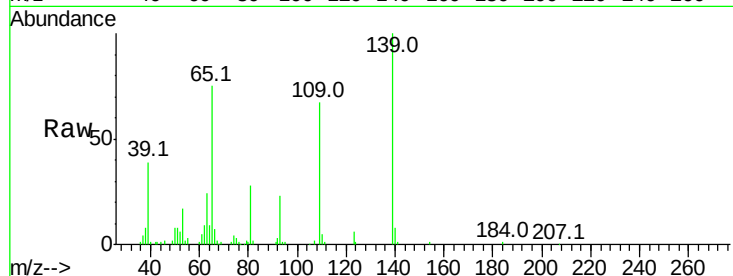




#55
4-Nitrophenol
Concen: 43.607 ng
RT: 15.58 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

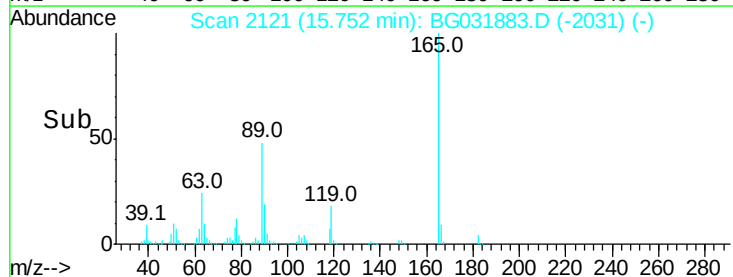
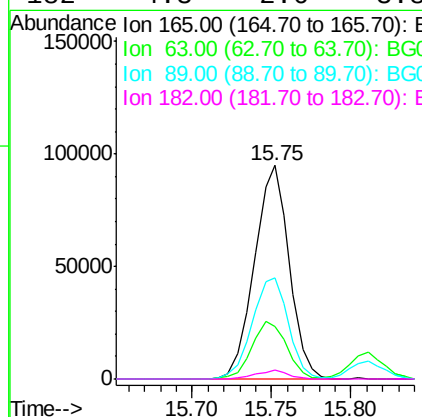
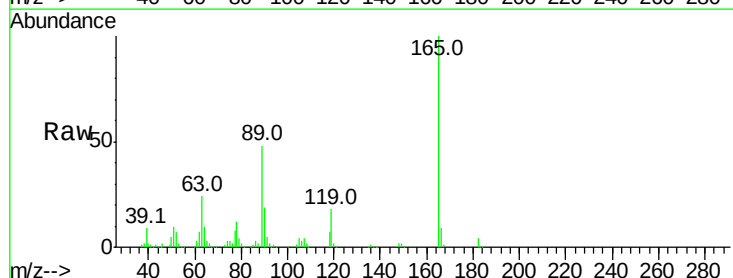
Instrument :
BNA_G
ClientSampleId :

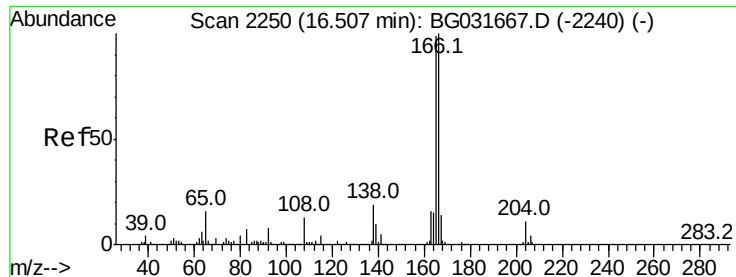
Tot Ion:139 Resp: 75946
Ion Ratio Lower Upper
139 100
109 67.5 62.2 102.2
65 75.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 51.272 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

Tgt Ion:165 Resp: 144596
Ion Ratio Lower Upper
165 100
63 24.4 42.0 63.0#
89 47.6 66.9 100.3#
182 4.3 2.6 3.8#





#57

Fluorene

Concen: 40.692 ng

RT: 16.46 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

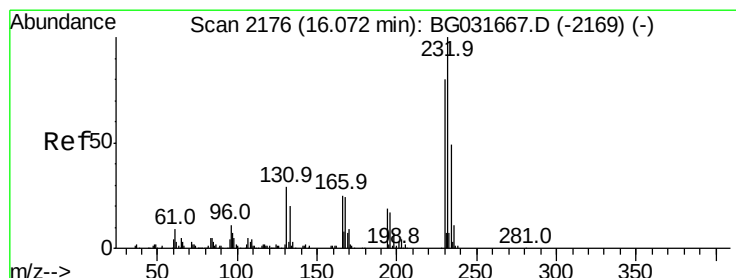
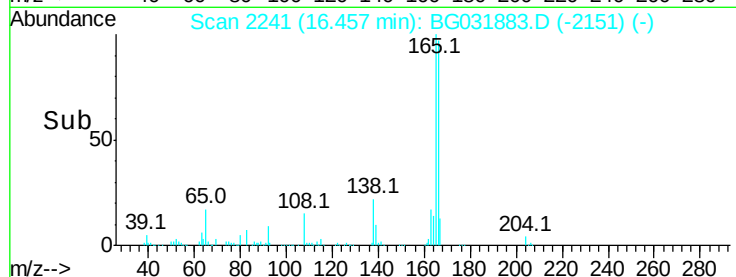
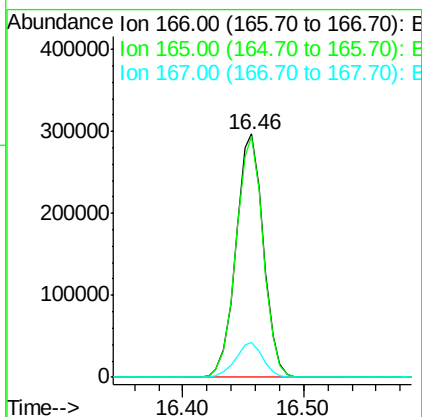
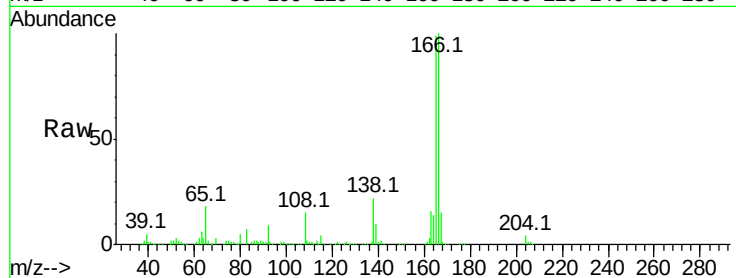
Tot Ion:166 Resp: 468095

Ion Ratio Lower Upper

166 100

165 99.0 80.6 121.0

167 14.6 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.468 ng

RT: 16.02 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Tgt Ion:232 Resp: 150909

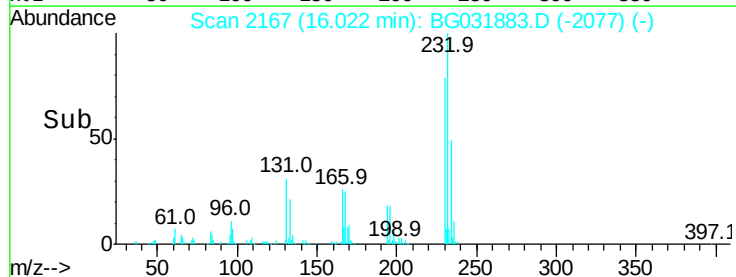
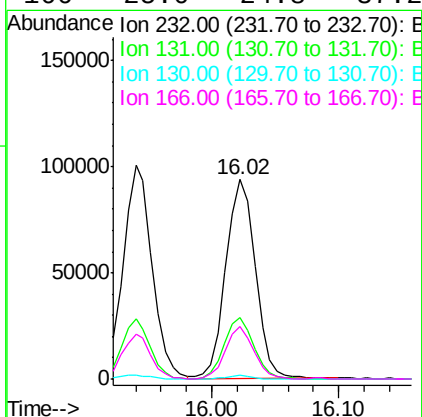
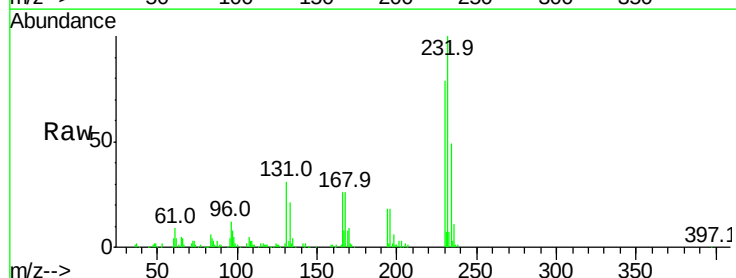
Ion Ratio Lower Upper

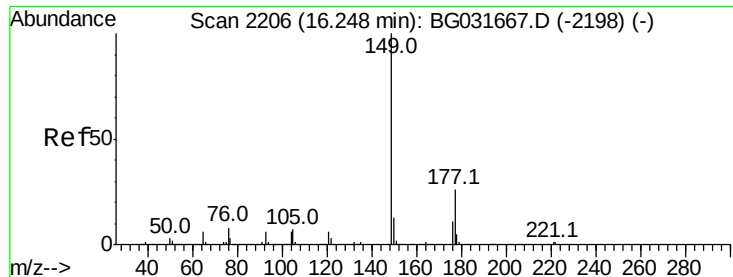
232 100

131 31.1 33.5 50.3#

130 1.6 2.2 3.2#

166 25.0 24.8 37.2

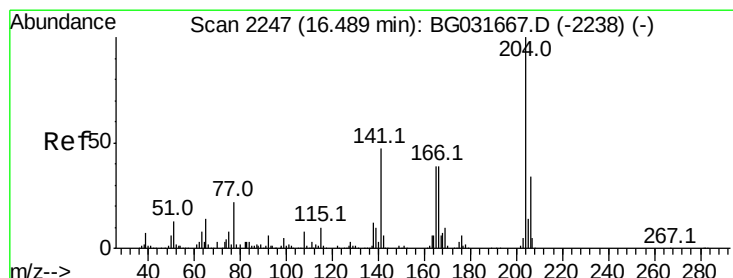
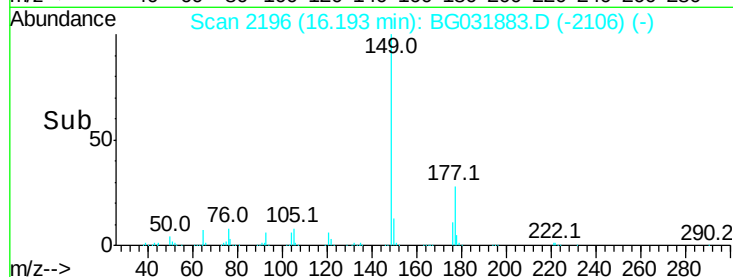
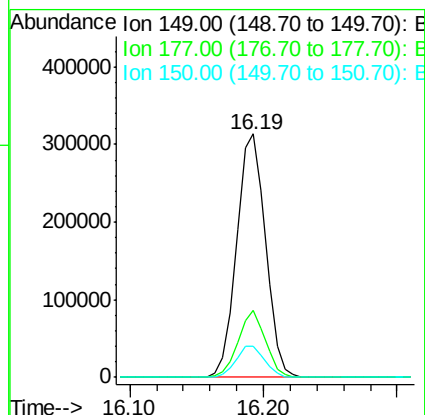
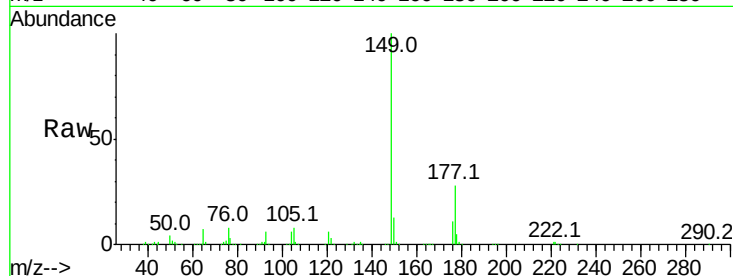




#59
Diethylphthalate
Concen: 40.420 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

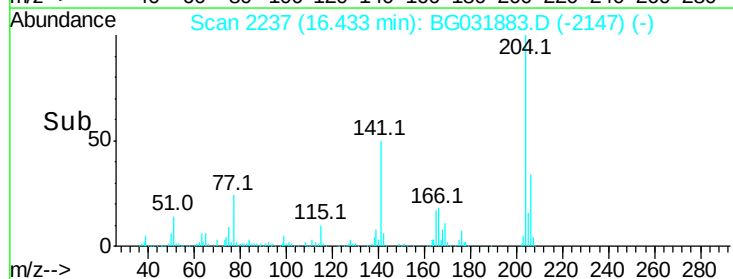
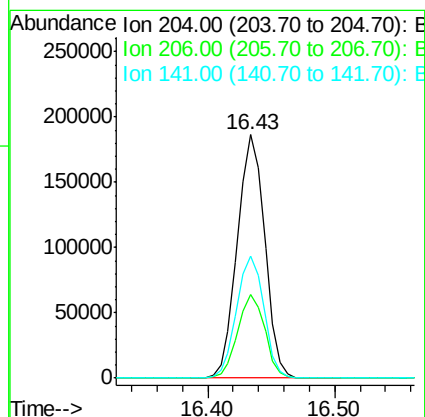
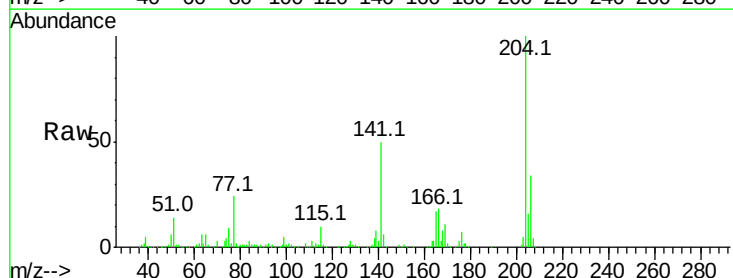
Instrument :
BNA_G
ClientSampleId :

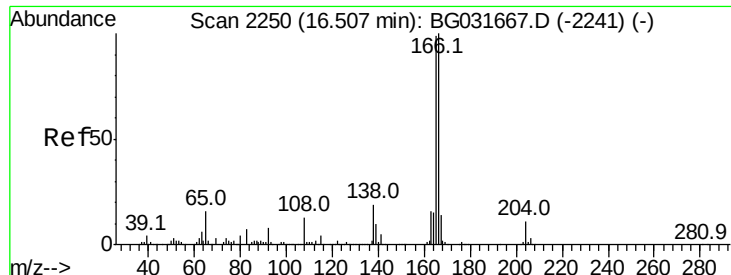
Tot Ion	Ratio	Lower	Upper
149	100		
177	27.6	18.5	27.7
150	12.9	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.773 ng
RT: 16.43 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	50.2	45.8	68.6

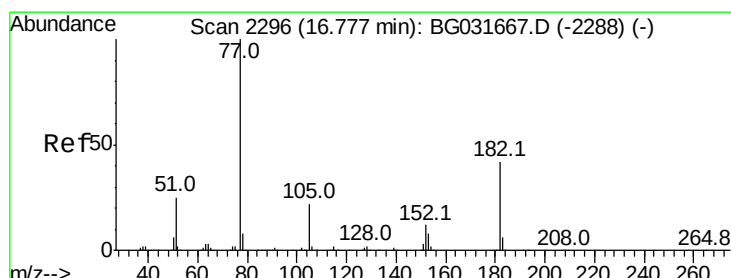
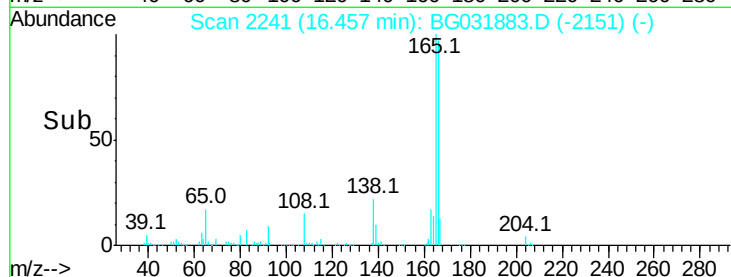
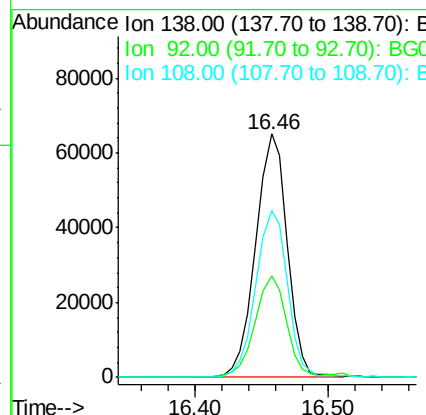
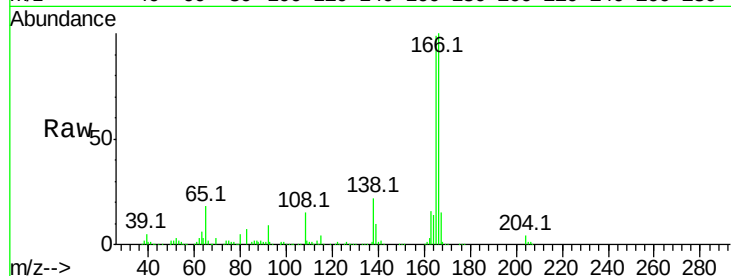




#61
4-Nitroaniline
Concen: 50.808 ng
RT: 16.46 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

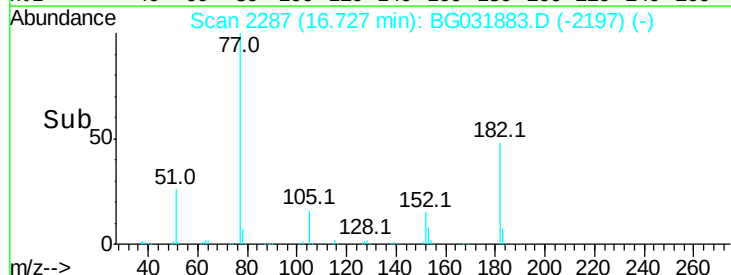
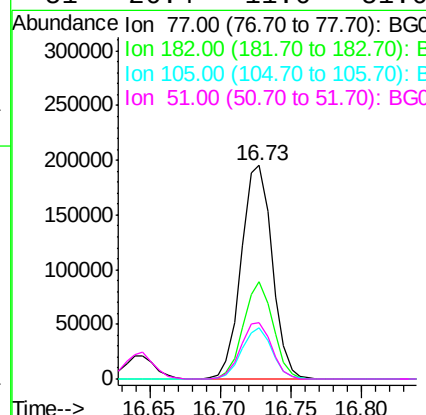
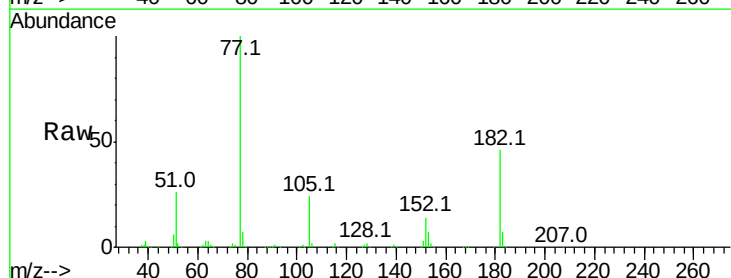
Instrument :
BNA_G
ClientSampleId :

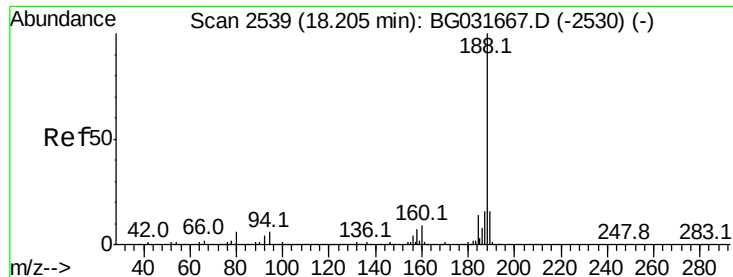
Tot Ion:138 Resp: 106093
Ion Ratio Lower Upper
138 100
92 41.8 40.1 80.1
108 68.6 65.4 105.4



#62
Azobenzene
Concen: 40.115 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

Tgt Ion: 77 Resp: 298942
Ion Ratio Lower Upper
77 100
182 45.8 7.4 47.4
105 23.7 0.3 40.3
51 26.4 11.6 51.6

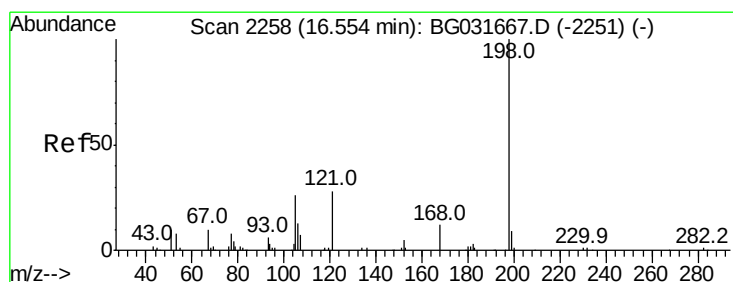
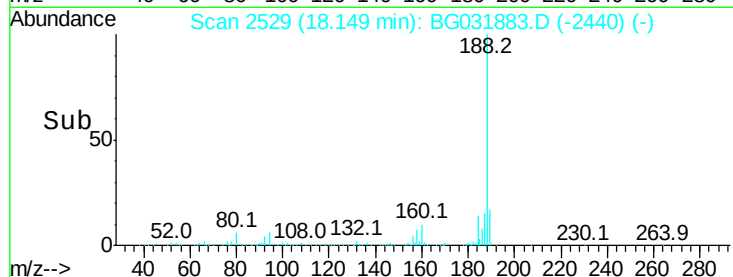
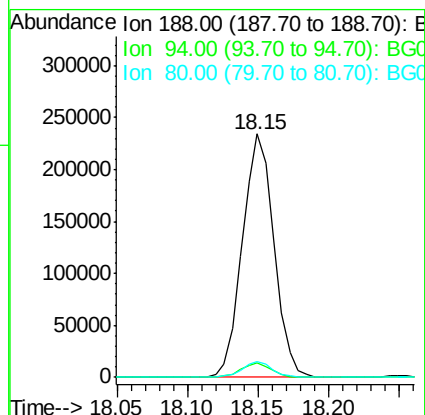
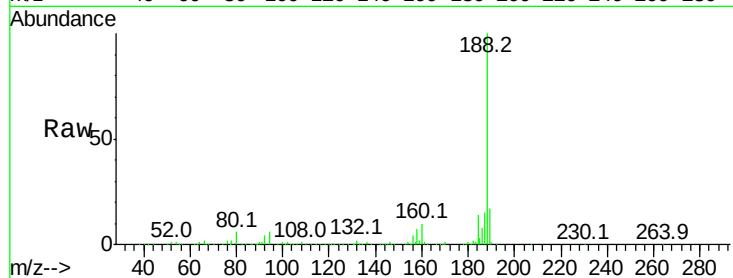




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

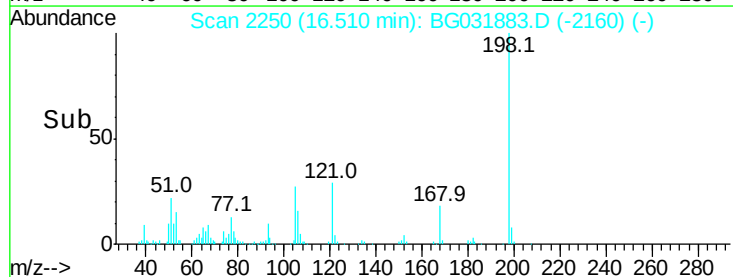
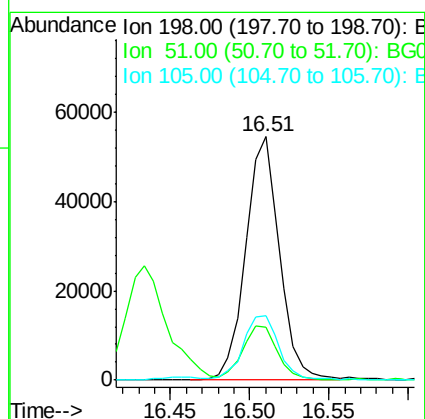
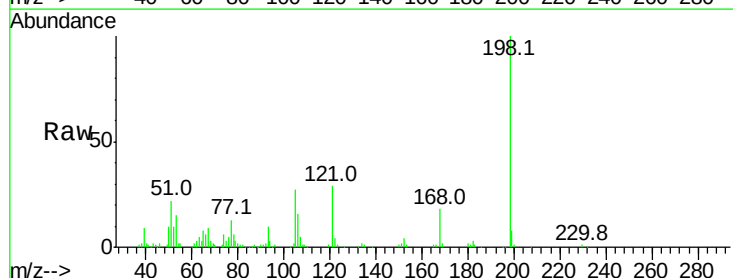
Instrument :
BNA_G
ClientSampleId :

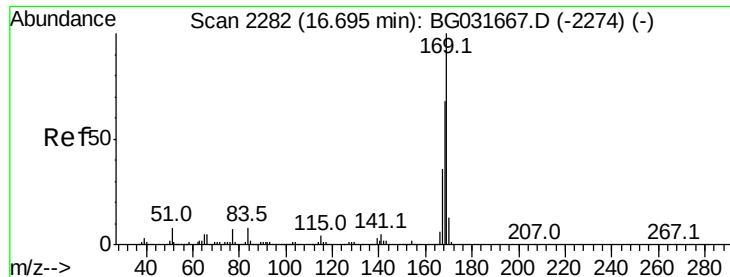
Tot Ion:188 Resp: 365778
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 6.4 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 45.811 ng
RT: 16.51 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

Tgt Ion:198 Resp: 80703
Ion Ratio Lower Upper
198 100
51 21.9 30.6 70.6#
105 26.5 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 36.917 ng

RT: 16.65 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

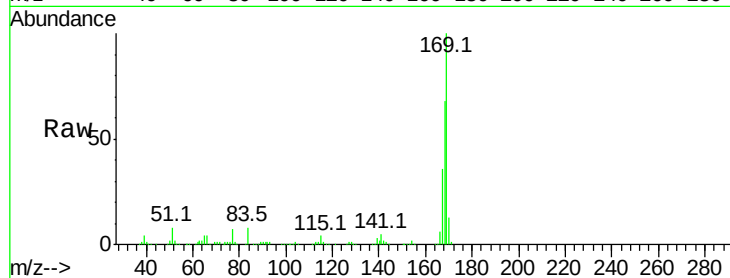
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 448477

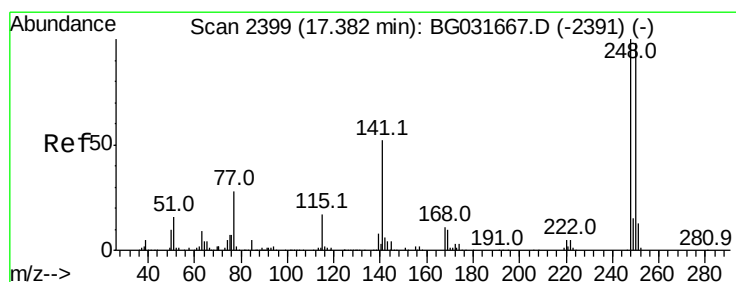
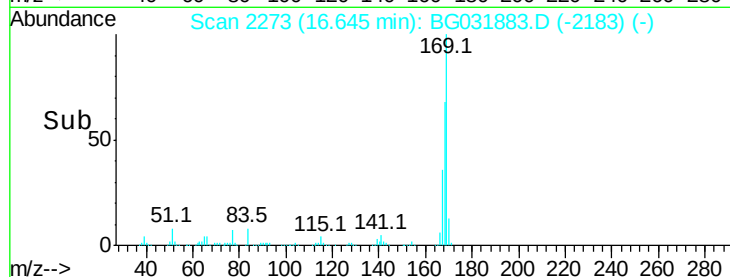
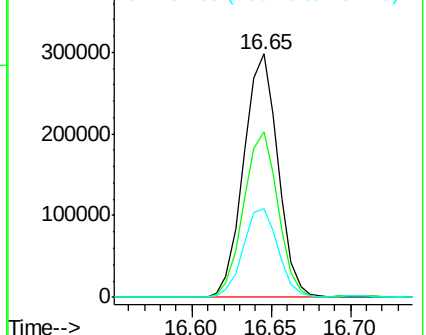
Ion	Ratio	Lower	Upper
169	100		
168	68.0	55.7	83.5
167	36.5	30.1	45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.561 ng

RT: 17.33 min Scan# 2389

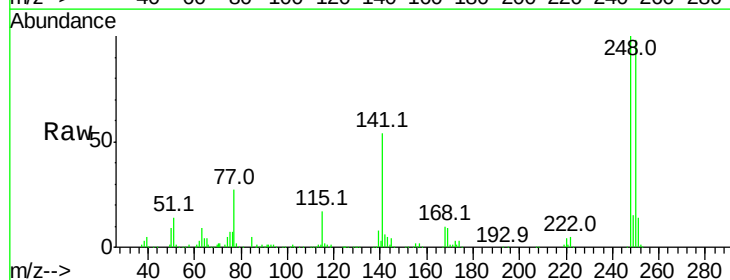
Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Tgt Ion:248 Resp: 198674

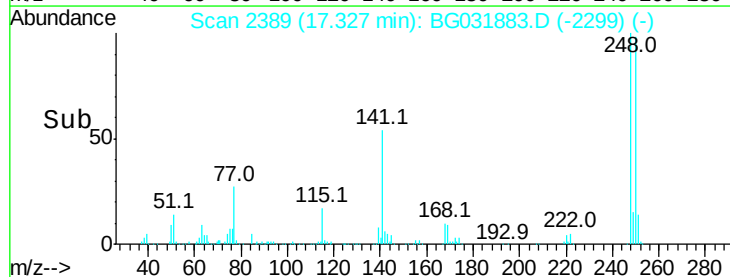
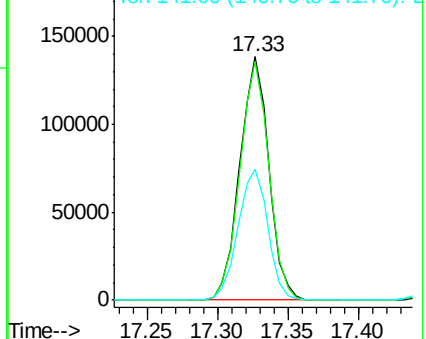
Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.1	115.7
141	53.8	50.8	76.2

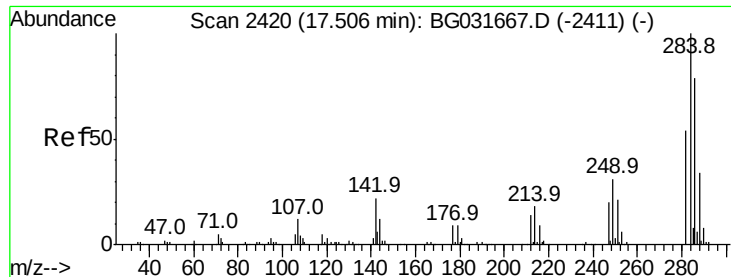


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.323 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

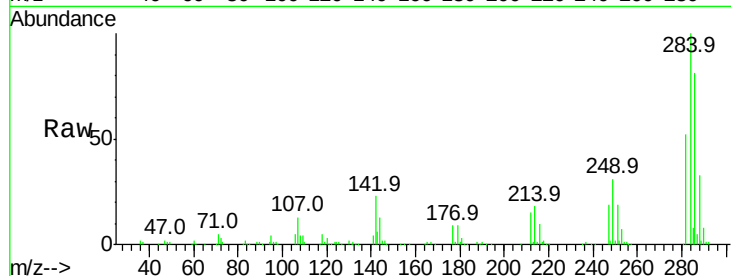
Tot Ion:284 Resp: 212626

Ion Ratio Lower Upper

284 100

142 23.2 26.8 40.2#

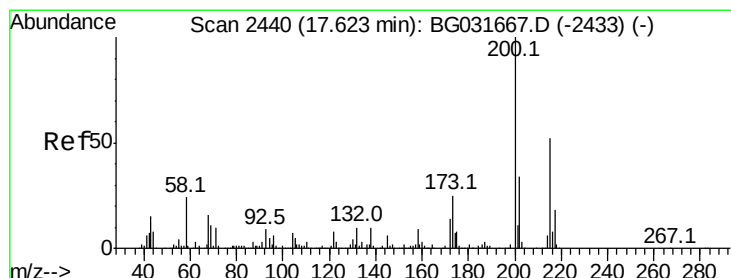
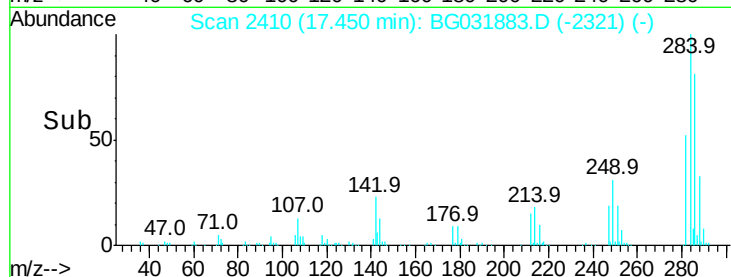
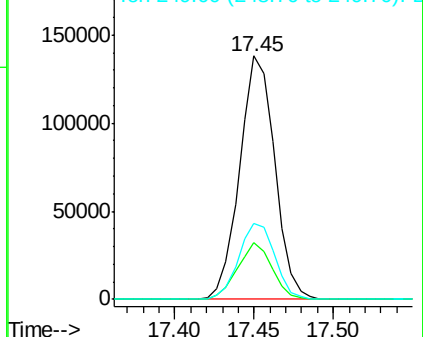
249 31.5 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.883 ng

RT: 17.57 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

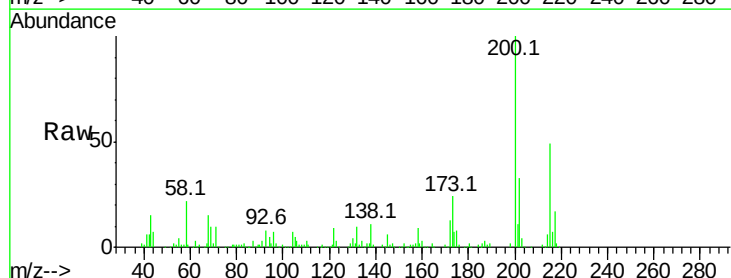
Tgt Ion:200 Resp: 178952

Ion Ratio Lower Upper

200 100

173 24.2 5.2 45.2

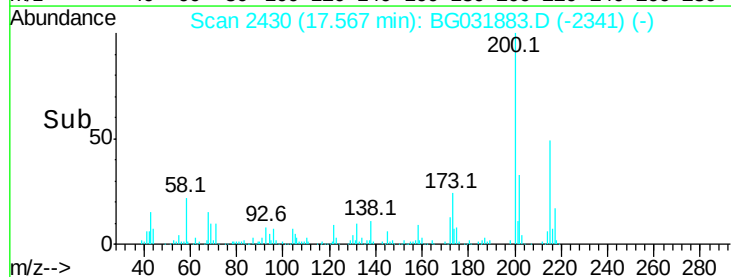
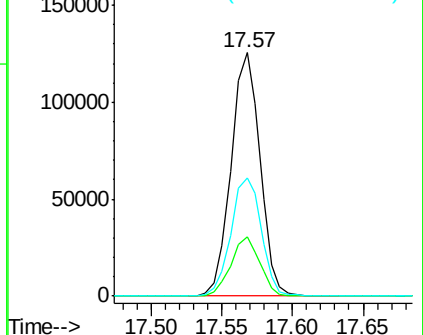
215 48.7 30.4 70.4

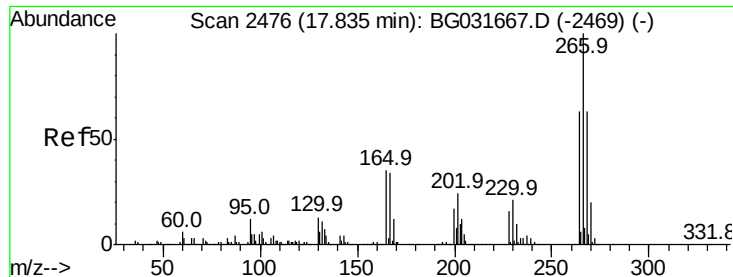


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

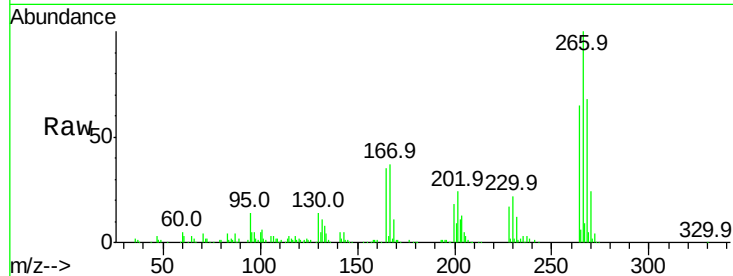




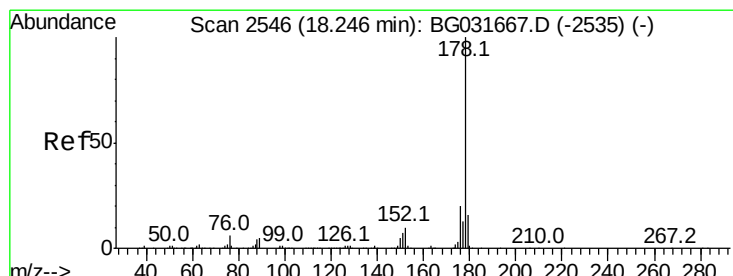
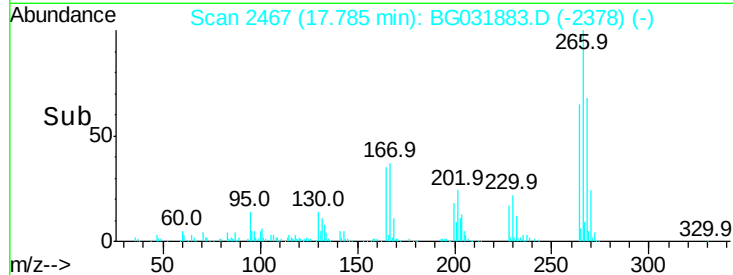
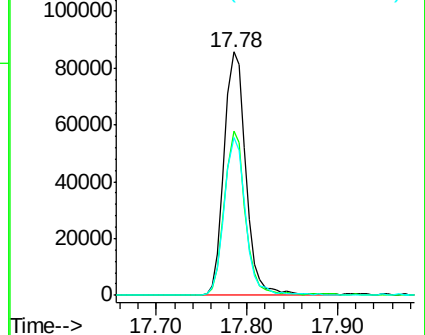
#69
 Pentachlorophenol
 Concen: 38.680 ng
 RT: 17.78 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	266	Resp:	143855
Ion	Ratio	Lower	Upper
266	100		
268	67.6	51.1	76.7
264	64.8	49.6	74.4

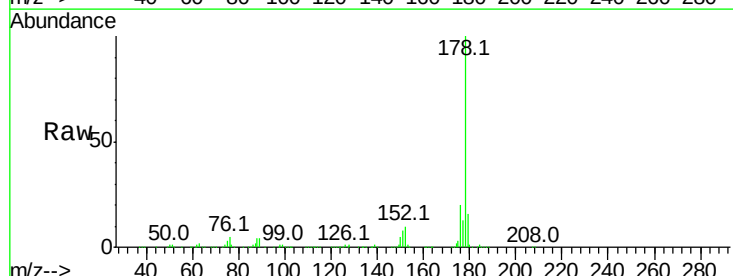


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

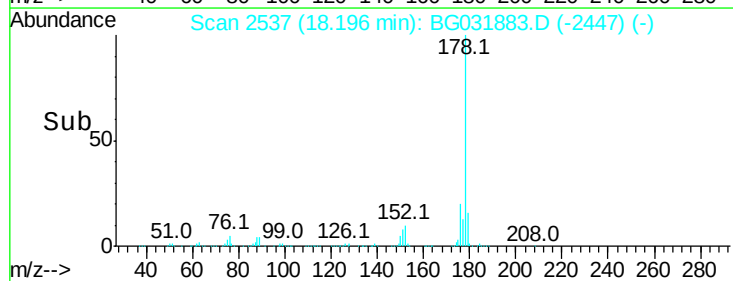
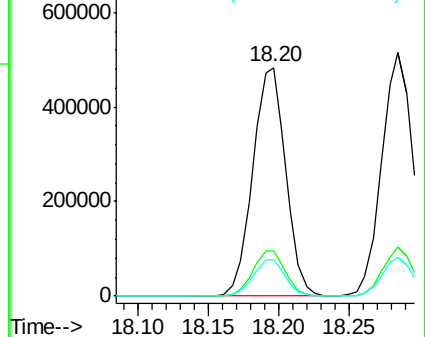


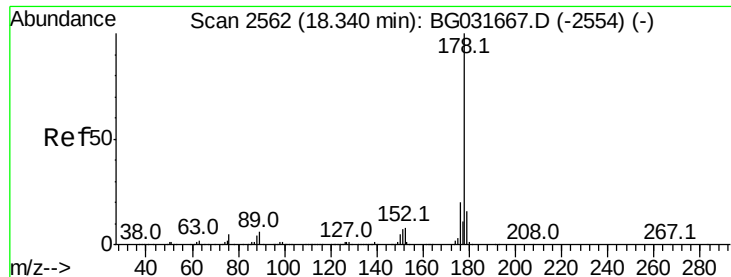
#70
 Phenanthrene
 Concen: 38.138 ng
 RT: 18.20 min Scan# 2537
 Delta R.T. -0.00 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

Tgt Ion:	178	Resp:	789469
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.9	12.5	18.7



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

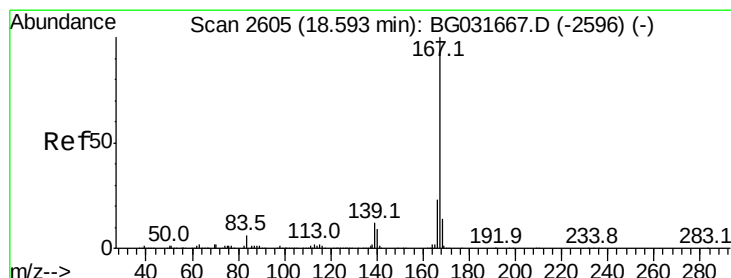
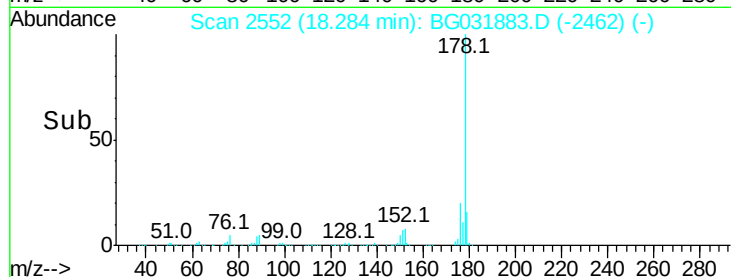
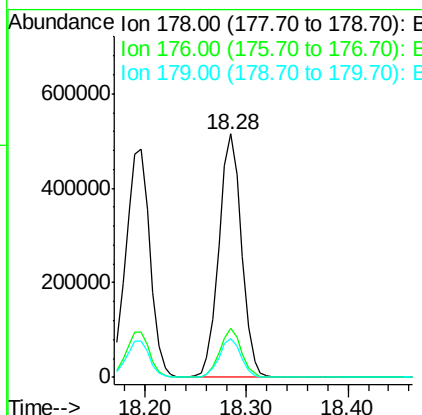
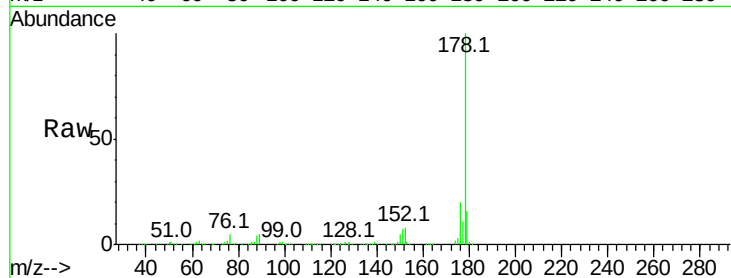




#71
 Anthracene
 Concen: 38.173 ng
 RT: 18.28 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

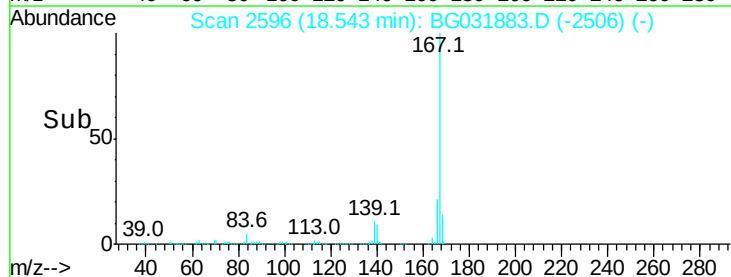
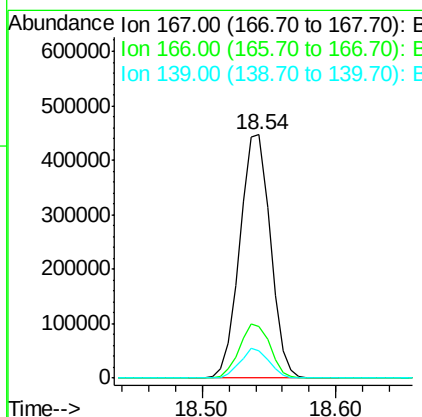
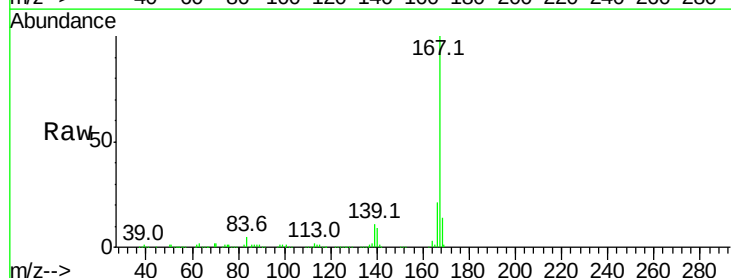
Instrument :
 BNA_G
 ClientSampleId :

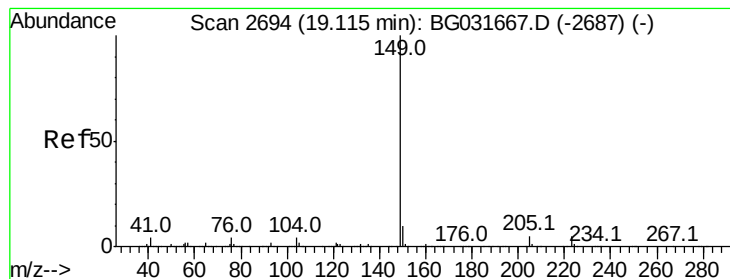
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	16.1	12.5	18.7



#72
 Carbazole
 Concen: 38.313 ng
 RT: 18.54 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.2	27.4
139	11.5	9.4	14.2





#73

Di-n-butylphthalate

Concen: 38.432 ng

RT: 19.05 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

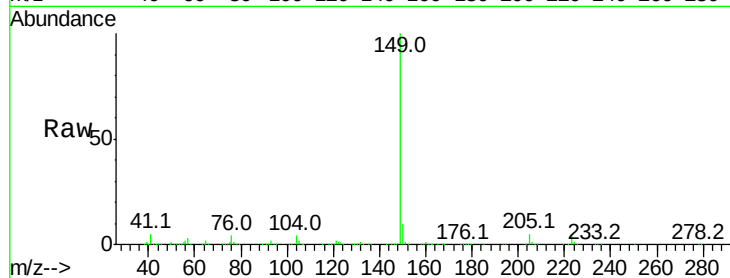
Tot Ion:149 Resp: 789368

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

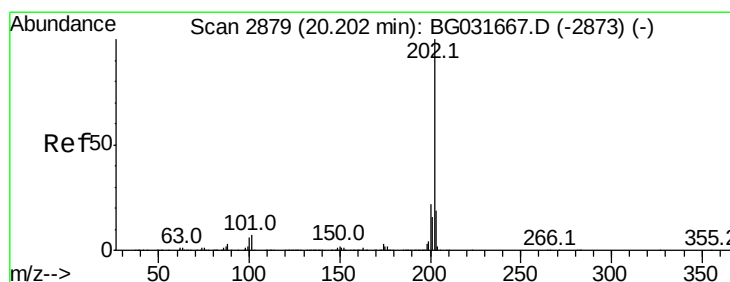
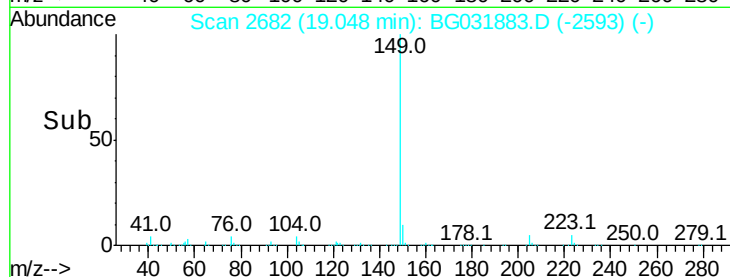
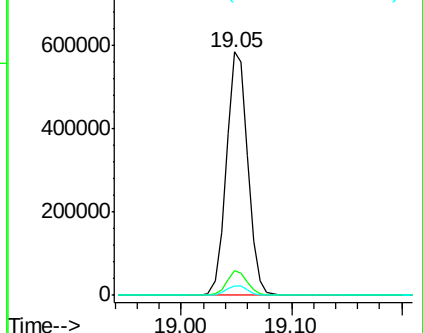
104 4.0 3.9 5.9



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: 38.626 ng

RT: 20.15 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

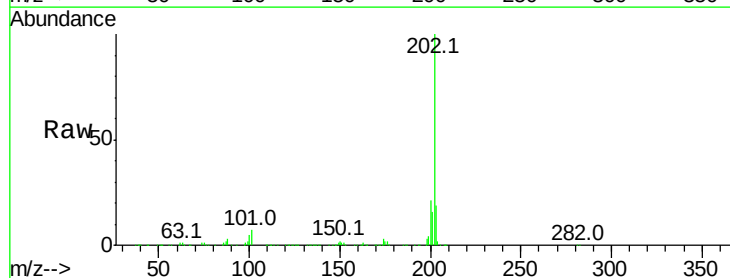
Tgt Ion:202 Resp: 981074

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.9

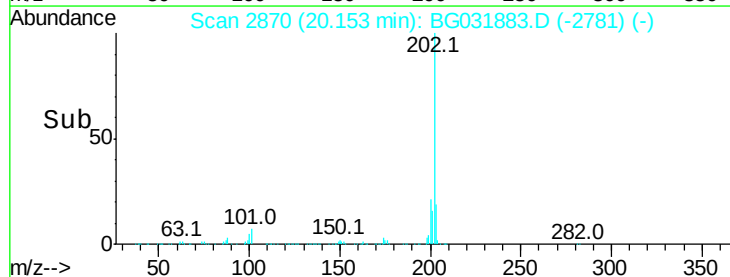
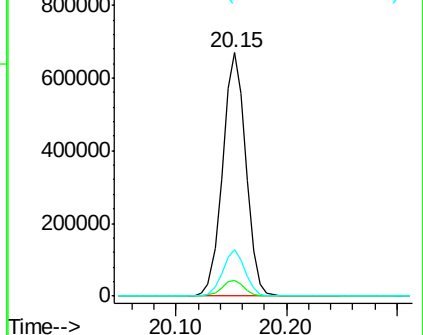
203 18.9 0.0 37.5

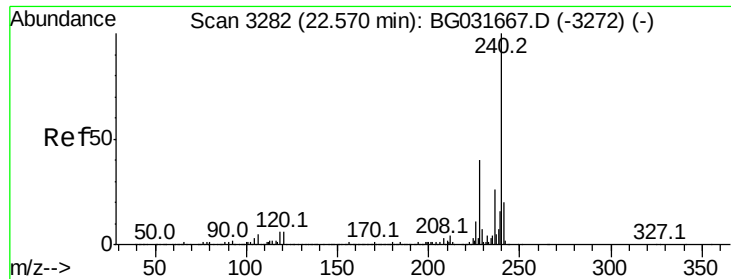


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.50 min Scan# 3269

Delta R.T. -0.01 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampled :

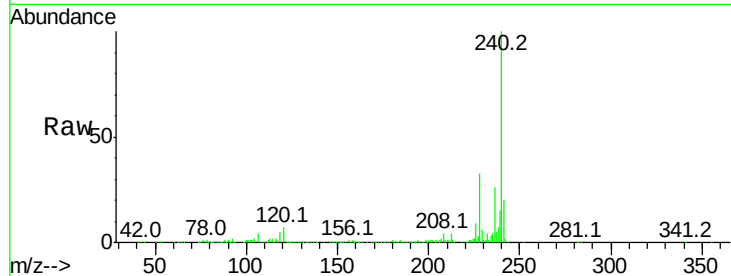
Tot Ion:240 Resp: 404965

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

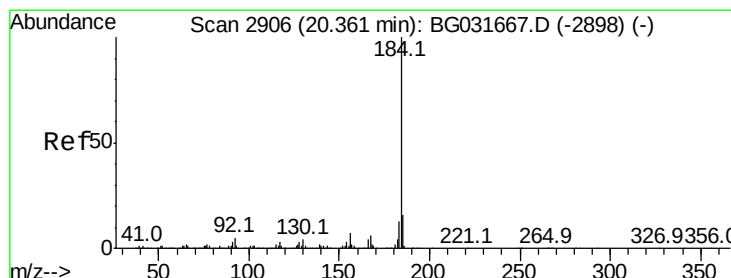
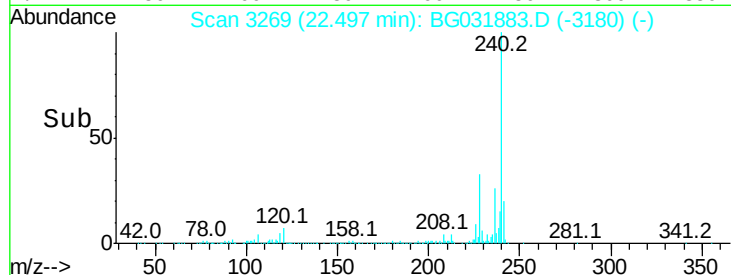
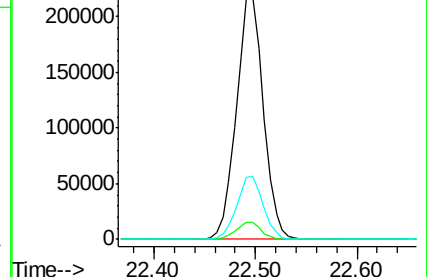
236 25.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.574 ng

RT: 20.31 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

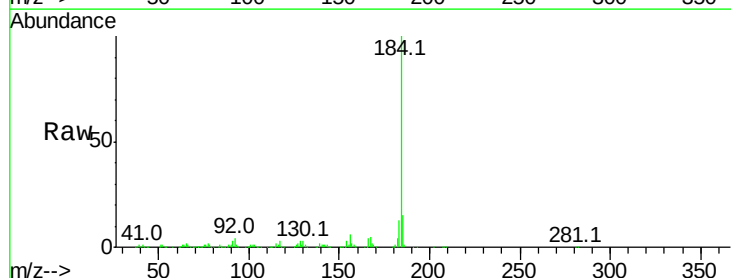
Tgt Ion:184 Resp: 369656

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

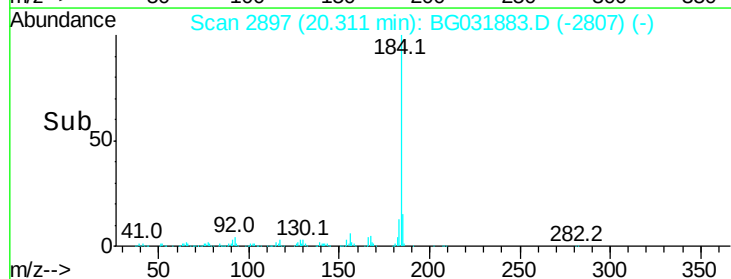
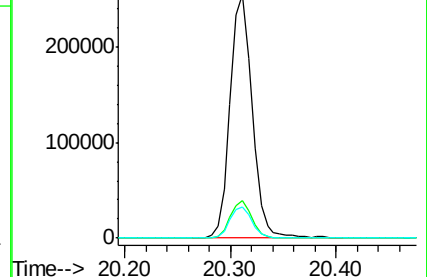
183 13.0 10.6 16.0

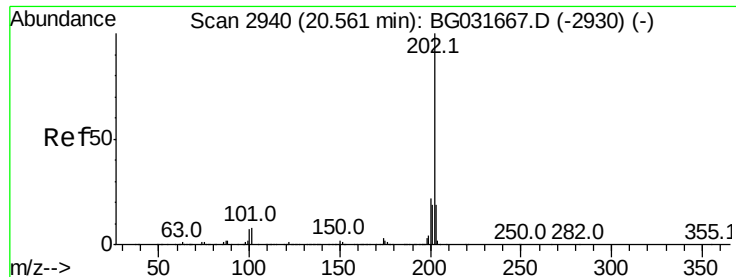


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.514 ng

RT: 20.51 min Scan# 2931

Delta R.T. -0.01 min

Lab File: BG031883.D

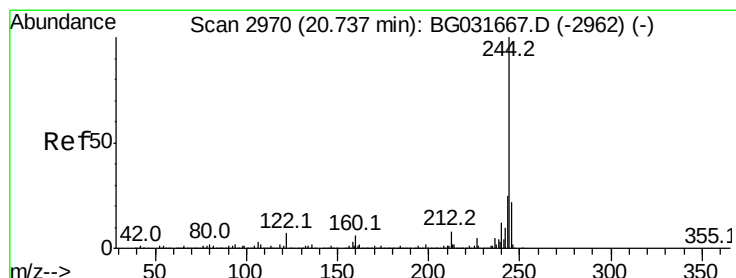
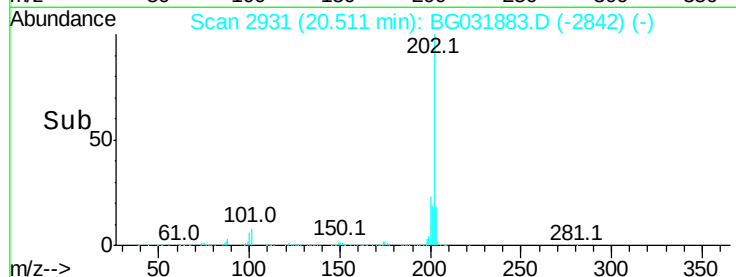
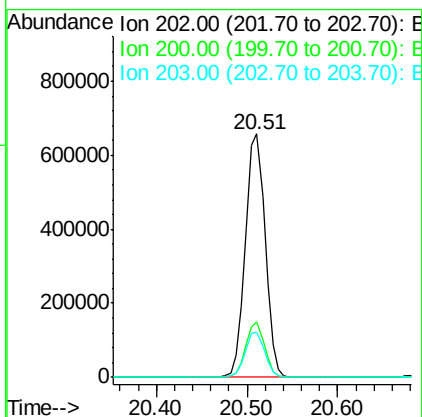
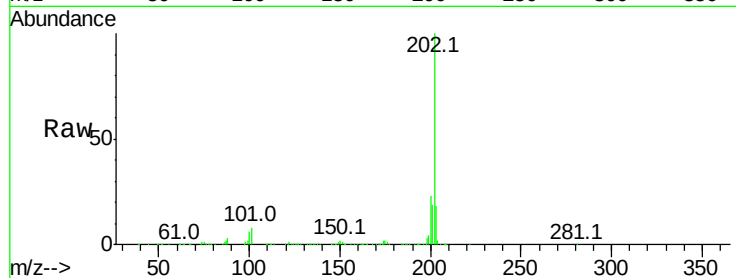
Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	996284
Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.9	25.3
203	18.4	13.9	20.9



#78

Terphenyl-d14

Concen: 76.933 ng

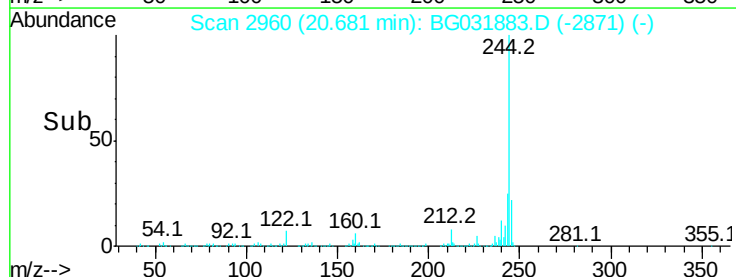
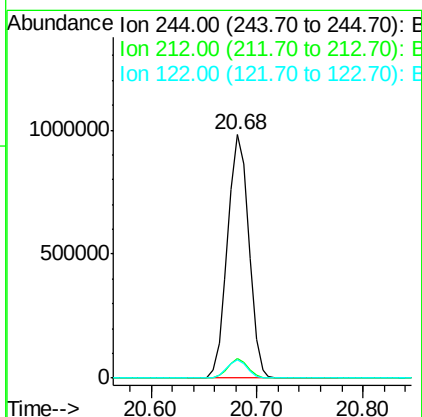
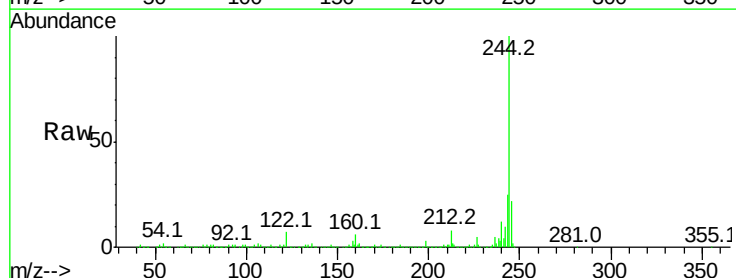
RT: 20.68 min Scan# 2960

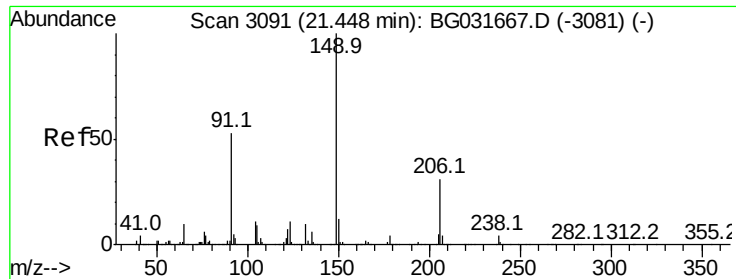
Delta R.T. -0.01 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Tgt Ion:	244	Resp:	1363683
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	7.3	7.0	10.4

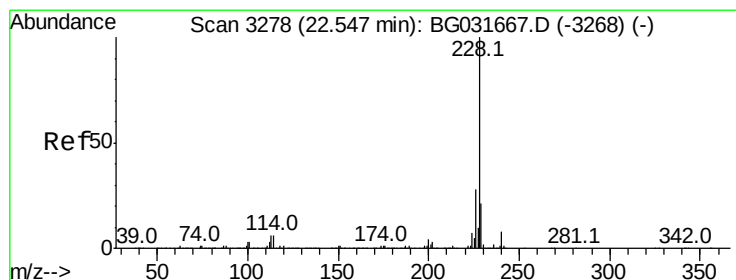
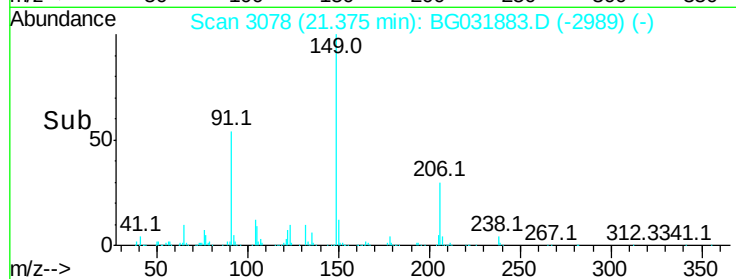
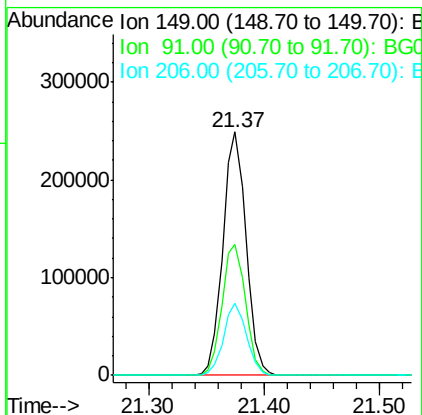
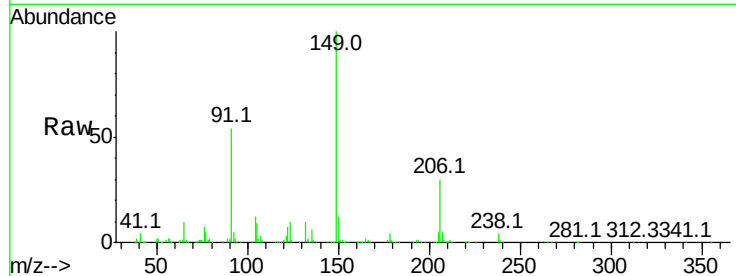




#79
Butylbenzylphthalate
Concen: 39.781 ng
RT: 21.37 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

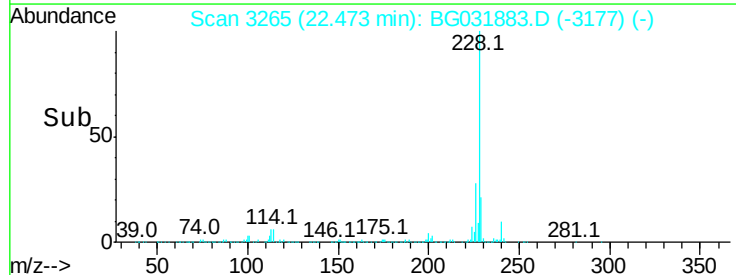
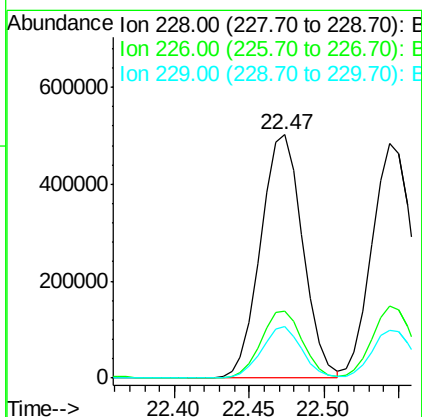
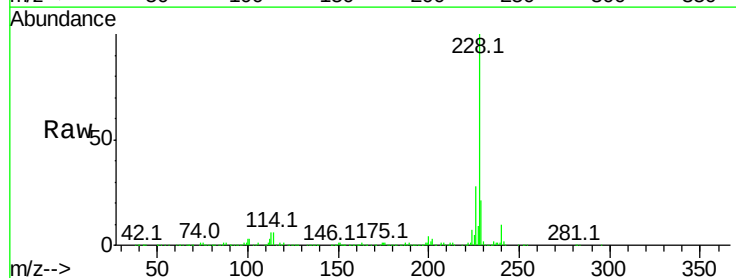
Instrument :
BNA_G
ClientSampleId :

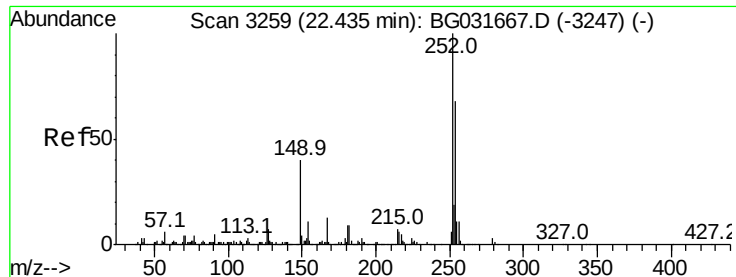
Tot Ion	Ratio	Lower	Upper
149	100		
91	54.0	62.2	93.2#
206	29.8	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 38.152 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BG031883.D
Acq: 3 Jan 2018 10:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.7	34.1
229	21.0	16.2	24.2

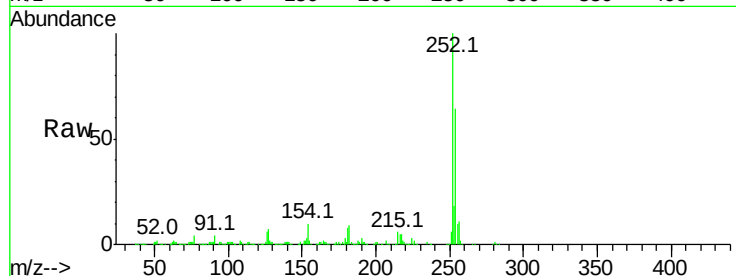




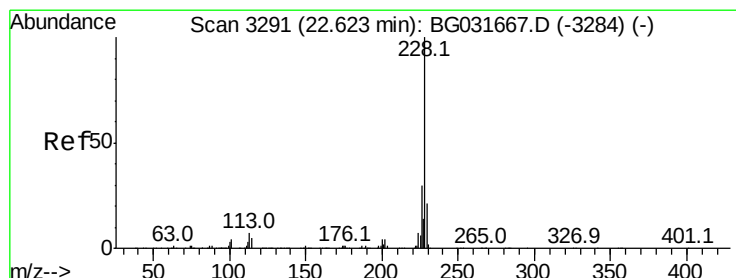
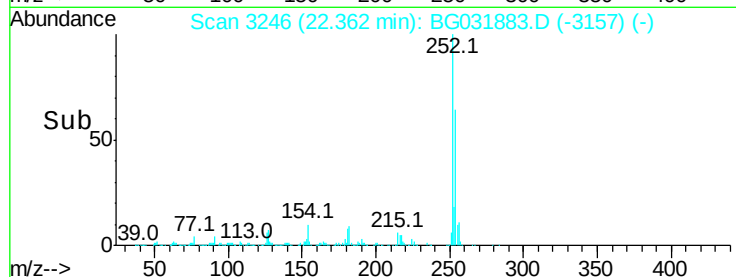
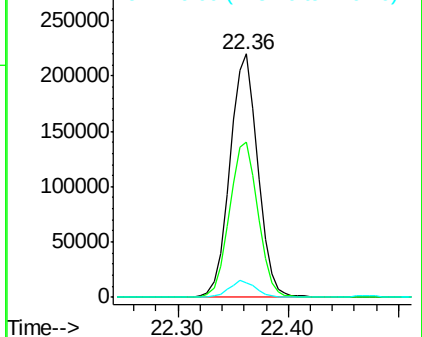
#81
 3,3'-Dichlorobenzidine
 Concen: 39.082 ng
 RT: 22.36 min Scan# 3246
 Delta R.T. -0.01 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.8	76.2
126	6.2	7.4	11.2#

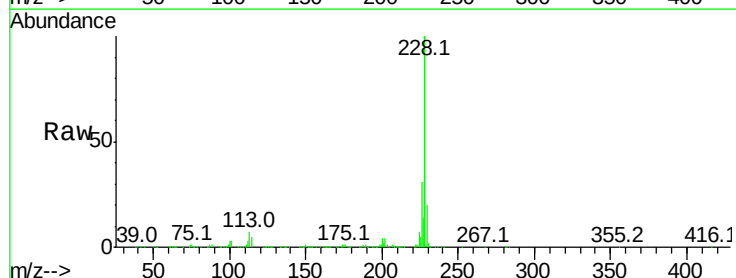


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

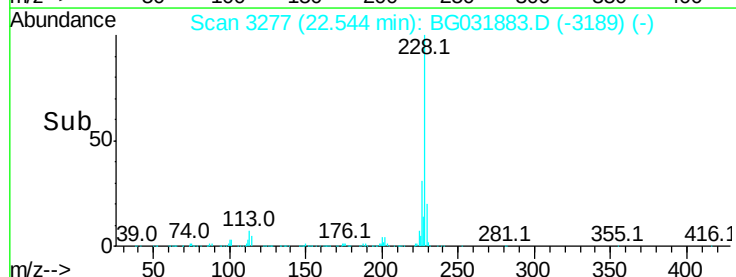
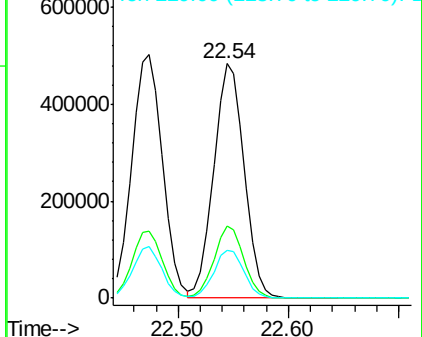


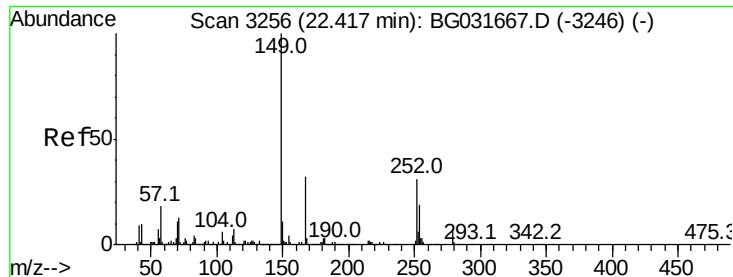
#82
 Chrysene
 Concen: 37.691 ng
 RT: 22.54 min Scan# 3277
 Delta R.T. -0.02 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	20.2	15.0	22.4



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

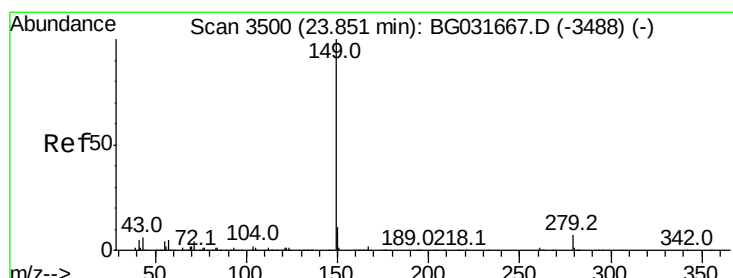
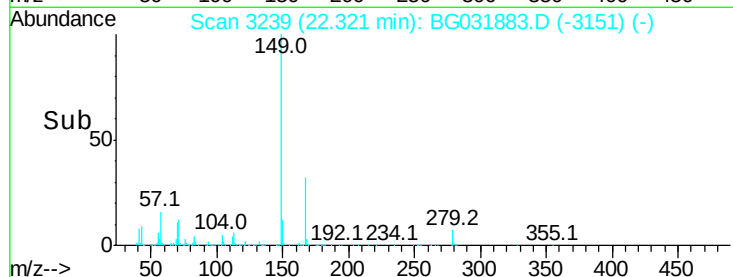
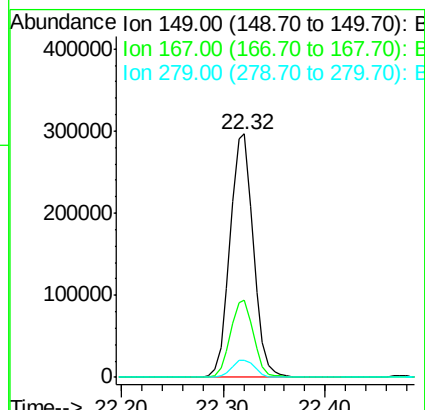
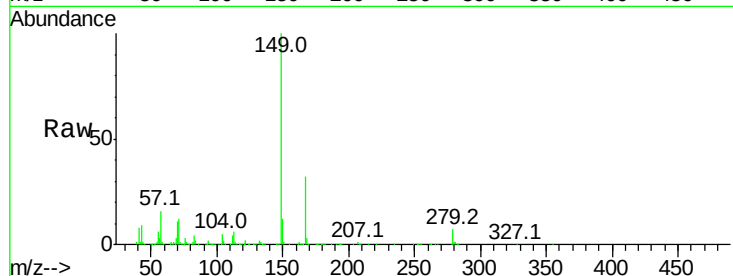




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.553 ng
 RT: 22.32 min Scan# 3239
 Delta R.T. -0.01 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

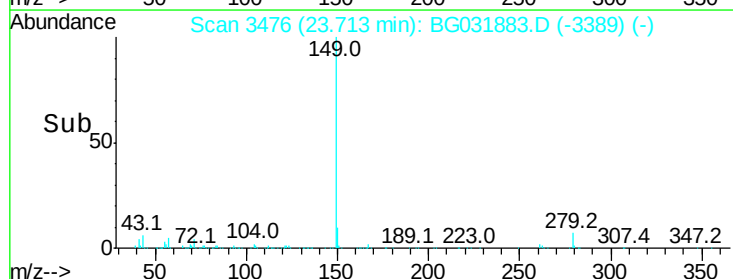
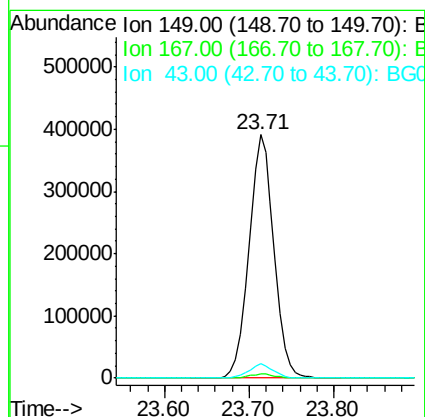
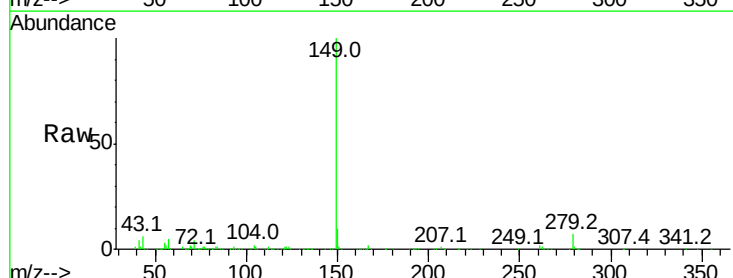
Instrument :
 BNA_G
 ClientSampleId :

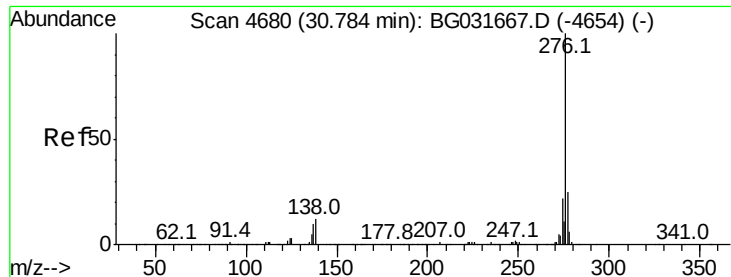
Tot Ion	Ratio	Lower	Upper
149	100		
167	31.9	24.3	36.5
279	7.1	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 37.645 ng
 RT: 23.71 min Scan# 3476
 Delta R.T. -0.02 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	5.6	8.9	13.3



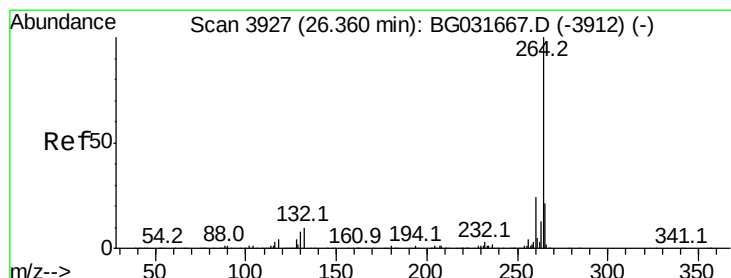
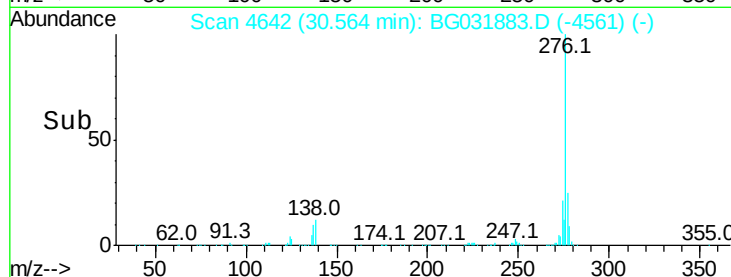
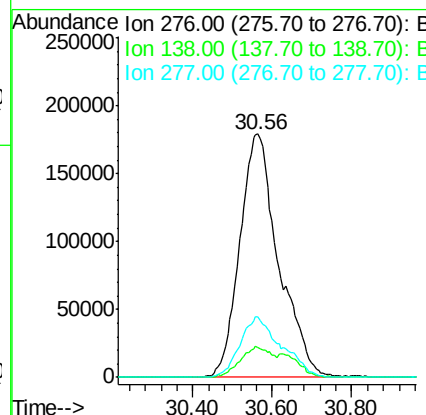
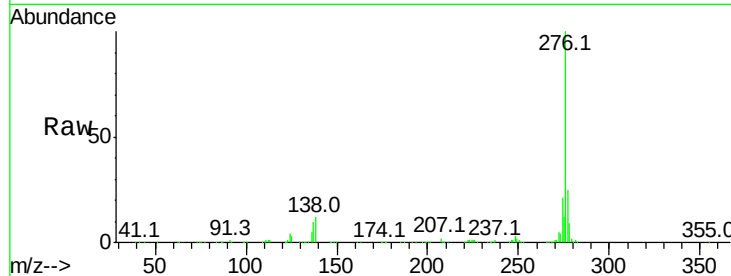


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.025 ng
 RT: 30.56 min Scan# 4642
 Delta R.T. -0.06 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:276 Resp: 1220284

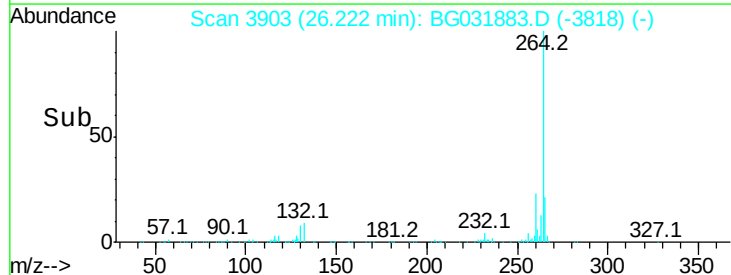
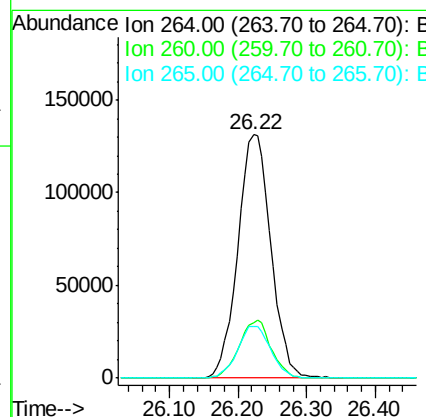
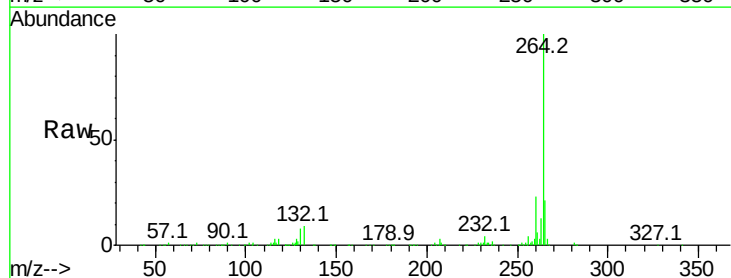
Ion	Ratio	Lower	Upper
276	100		
138	10.3	16.0	24.0#
277	26.3	20.0	30.0

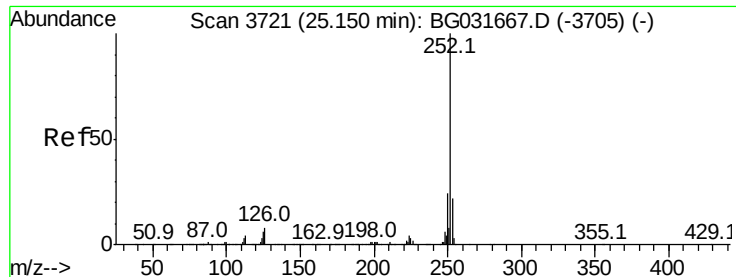


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.22 min Scan# 3903
 Delta R.T. -0.03 min
 Lab File: BG031883.D
 Acq: 3 Jan 2018 10:21

Tgt Ion:264 Resp: 438018

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.3	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 37.294 ng

RT: 25.03 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampled :

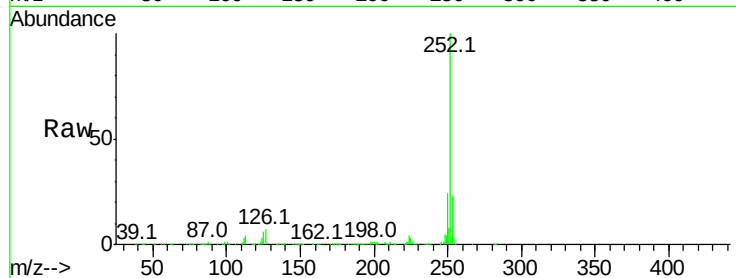
Tot Ion:252 Resp: 1014018

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	5.9	7.2	10.8

252 100

253 23.5 18.2 27.4

125 5.9 7.2 10.8

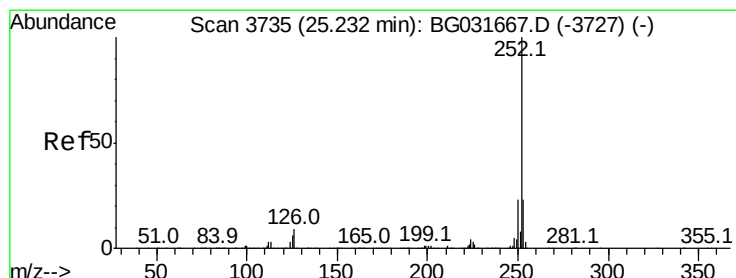
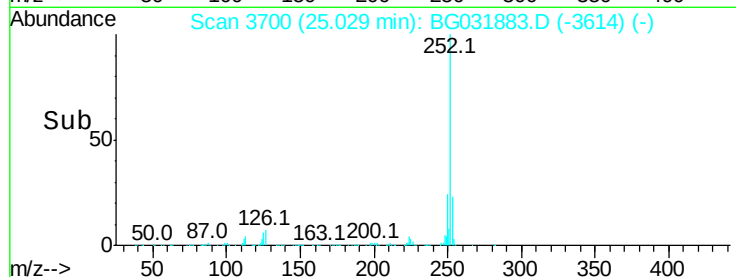
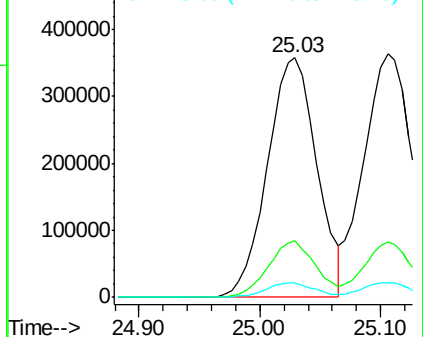


Abundance

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: 37.754 ng

RT: 25.11 min Scan# 3713

Delta R.T. -0.03 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

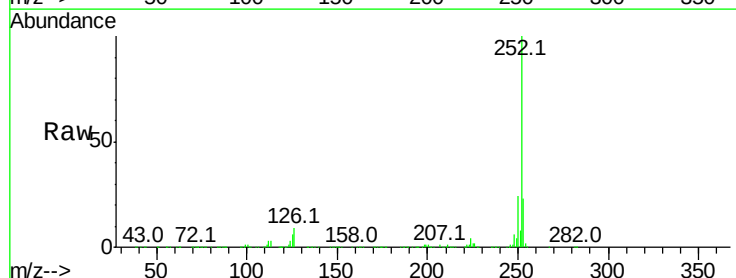
Tgt Ion:252 Resp: 1027300

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	6.1	6.6	9.8

252 100

253 22.5 17.4 26.2

125 6.1 6.6 9.8

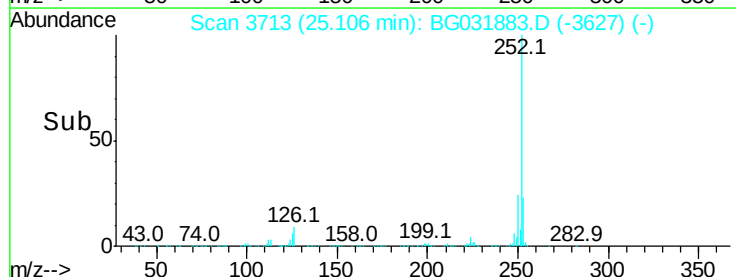
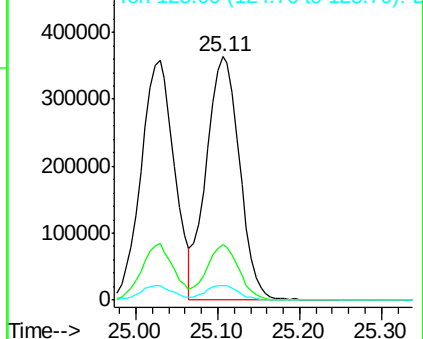


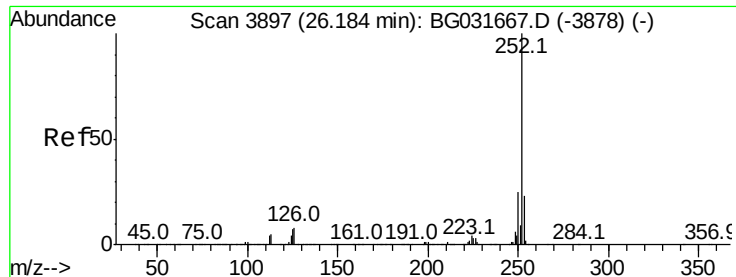
Abundance

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: 37.672 ng

RT: 26.05 min Scan# 3873

Delta R.T. -0.03 min

Lab File: BG031883.D

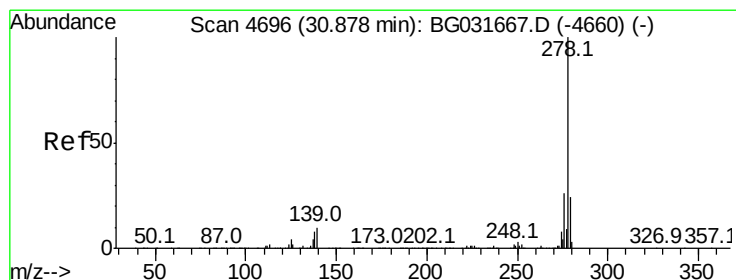
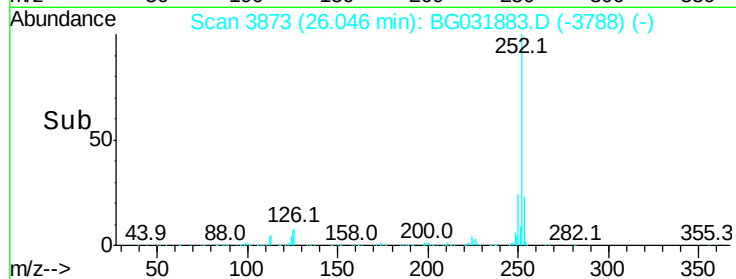
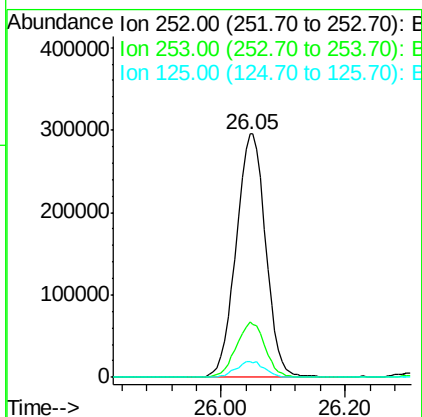
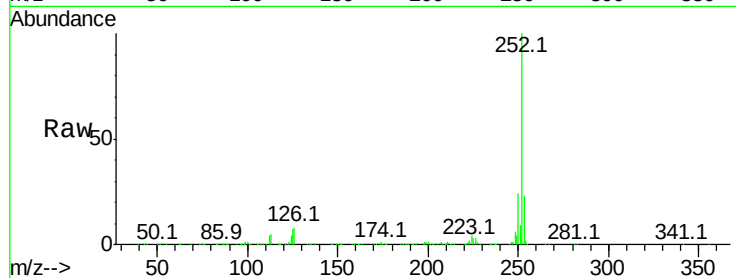
Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	980992
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	6.5	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 38.549 ng

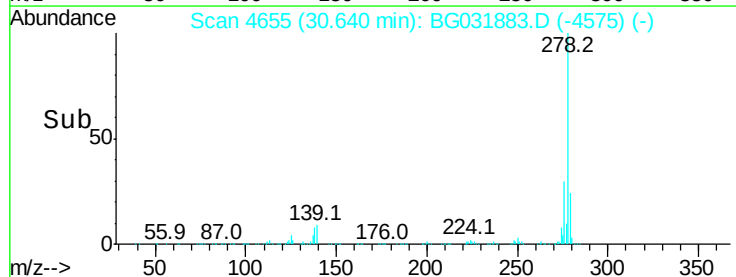
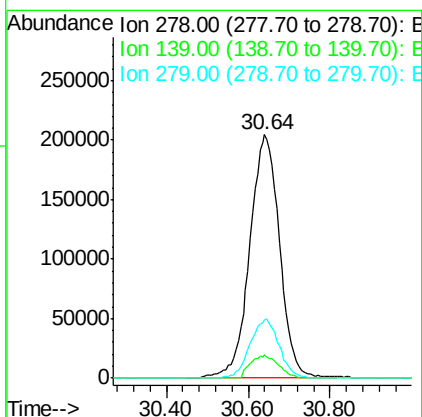
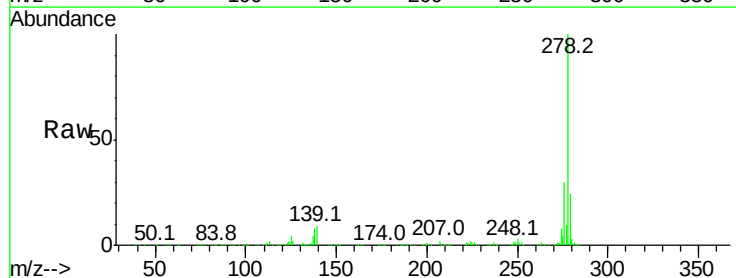
RT: 30.64 min Scan# 4655

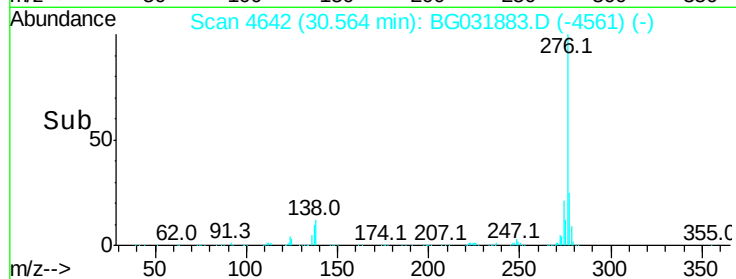
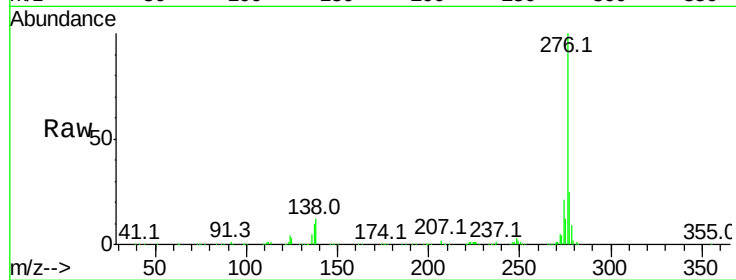
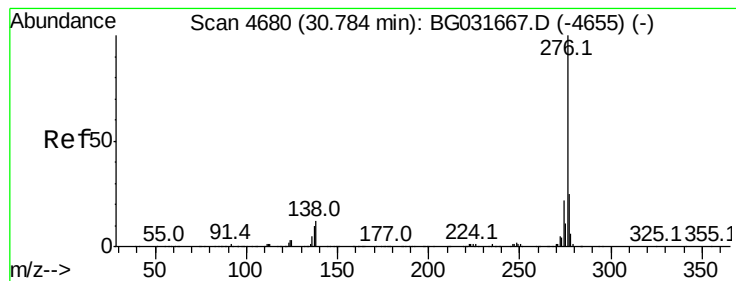
Delta R.T. -0.06 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Tgt Ion:	278	Resp:	1036743
Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.8	14.6#
279	24.1	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 38.431 ng

RT: 30.56 min Scan# 4642

Delta R.T. -0.06 min

Lab File: BG031883.D

Acq: 3 Jan 2018 10:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1220284

Ion Ratio Lower Upper

276 100

277 24.7 18.3 27.5

138 12.4 13.9 20.9#

