

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033148.D
 Acq On : 14 Mar 2018 15:52
 Operator : SJ/JU
 Sample : J1885-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

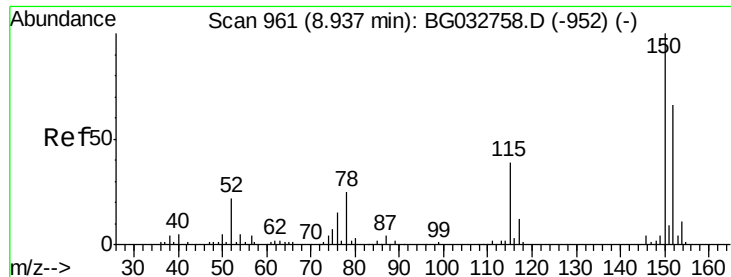
Quant Time: Mar 14 17:43:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	36970	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	177819	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	101295	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	241411	20.00	ng	0.00
75) Chrysene-d12	22.60	240	218918	20.00	ng	0.00
86) Perylene-d12	26.41	264	222095	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.32	112	353367	152.92	ng	0.00
7) Phenol-d6	8.01	99	432045	134.13	ng	0.00
23) Nitrobenzene-d5	10.10	82	316119	118.89	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	173156	162.58	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	735664	104.74	ng	0.00
78) Terphenyl-d14	20.77	244	1077179	110.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.14	79	8174	3.452	ng	91
19) n-Nitroso-di-n-propylamine	10.10	70	43291	19.038	ng	# 85
24) Nitrobenzene	10.15	77	125	6.419	ng	# 42
26) 2-Nitrophenol	10.36	139	57	5.496	ng	# 29
32) Benzoic acid	11.05	122	339	6.060	ng	93
47) 2-Nitroaniline	14.45	65	302	9.980	ng	# 9
50) 2,6-Dinitrotoluene	15.10	165	694	9.295	ng	# 18
52) 3-Nitroaniline	15.39	138	66	7.575	ng	# 1
53) 2,4-Dinitrophenol	15.39	184	4122	15.568	ng	# 15
55) 4-Nitrophenol	15.51	139	691	7.528	ng	# 76
56) 2,4-Dinitrotoluene	15.51	165	13625	14.894	ng	# 36
61) 4-Nitroaniline	16.59	138	62	5.329	ng	# 12
64) 4,6-Dinitro-2-methylphenol	16.99	198	567	5.945	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	11346	4.445	ng	# 1
76) Benzidine	20.77	184	19477	2.610	ng	# 82

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

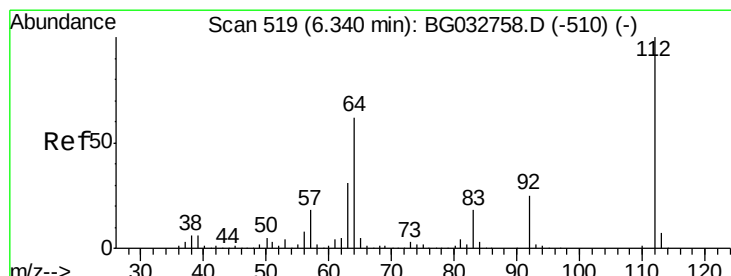
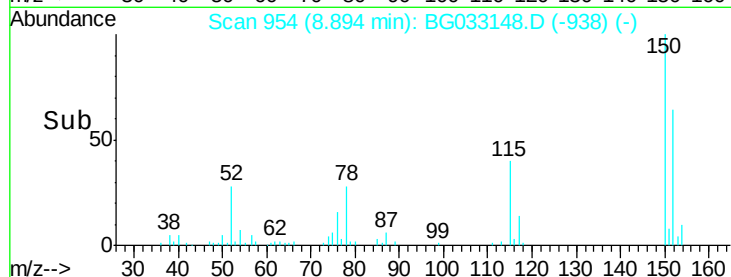
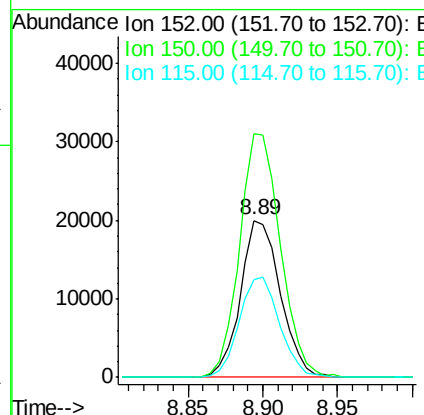
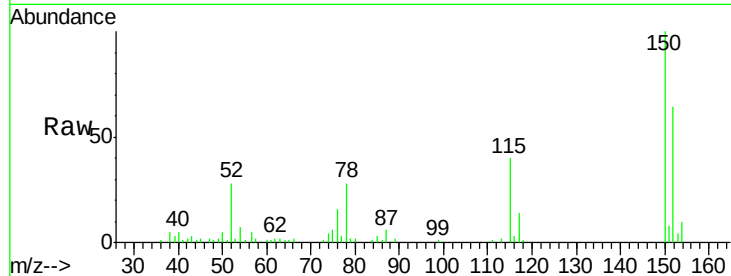


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033148.D
Acq: 14 Mar 2018 15:52

Instrument :
BNA_G
ClientSampled :

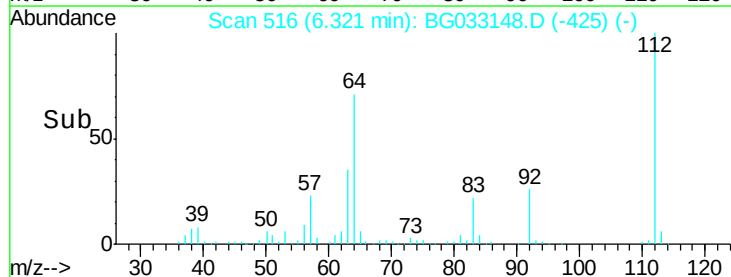
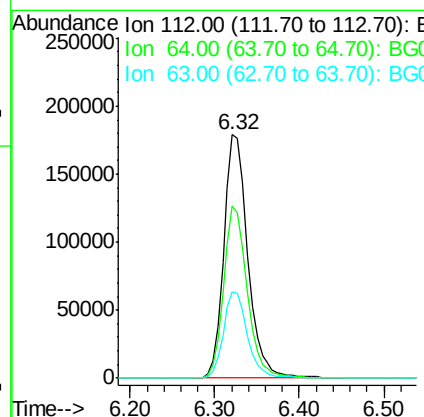
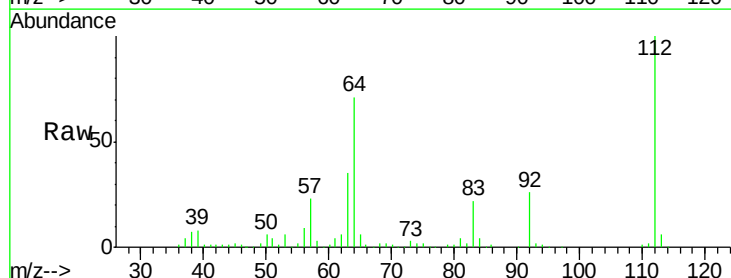
Tot Ion:152 Resp: 36970
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 61.9 53.0 79.4

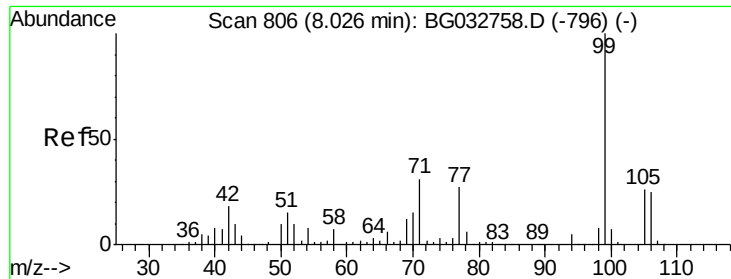


#5

2-Fluorophenol
Concen: 152.917 ng
RT: 6.32 min Scan# 516
Delta R.T. 0.00 min
Lab File: BG033148.D
Acq: 14 Mar 2018 15:52

Tgt Ion:112 Resp: 353367
Ion Ratio Lower Upper
112 100
64 70.6 56.3 84.5
63 35.4 30.1 45.1





#7

Phenol-d6

Concen: 134.135 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033148.D

Acq: 14 Mar 2018 15:52

Instrument :

BNA_G

ClientSampled :

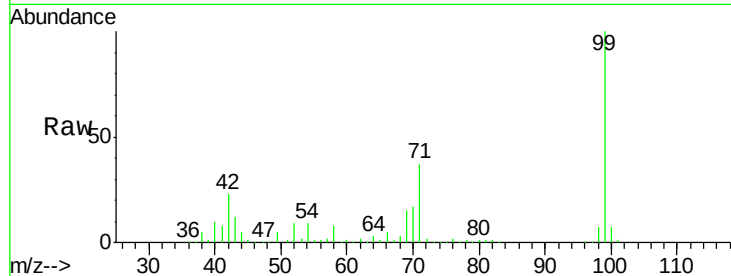
Tot Ion: 99 Resp: 432045

Ion Ratio Lower Upper

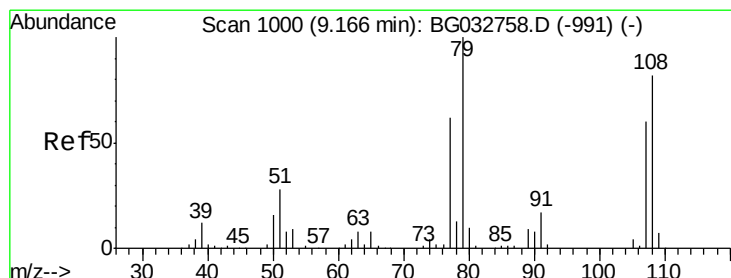
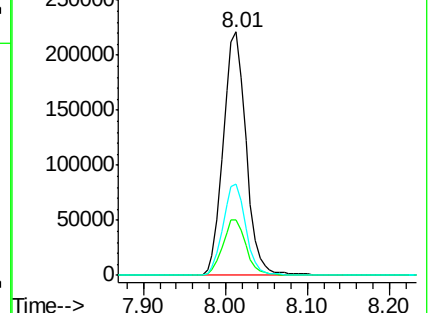
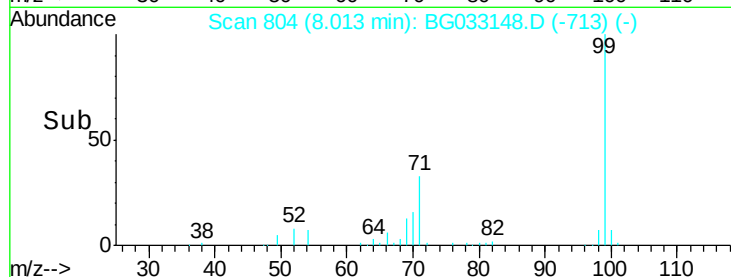
99 100

42 23.0 14.1 21.1#

71 37.3 26.1 39.1



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



#15

Benzyl Alcohol

Concen: 3.452 ng

RT: 9.14 min Scan# 996

Delta R.T. 0.01 min

Lab File: BG033148.D

Acq: 14 Mar 2018 15:52

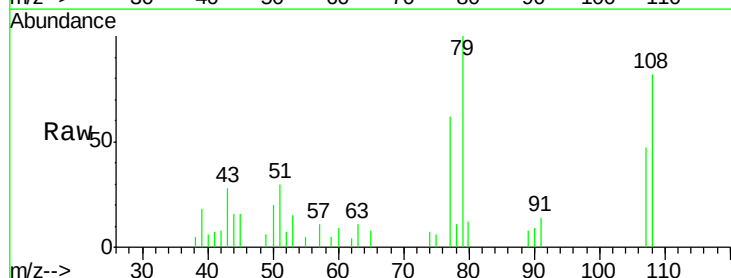
Tgt Ion: 79 Resp: 8174

Ion Ratio Lower Upper

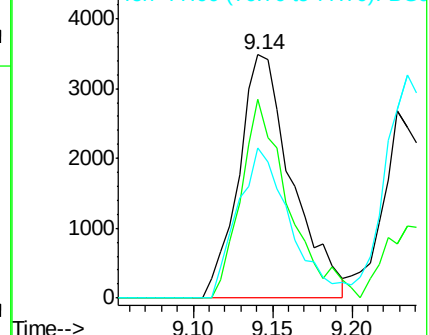
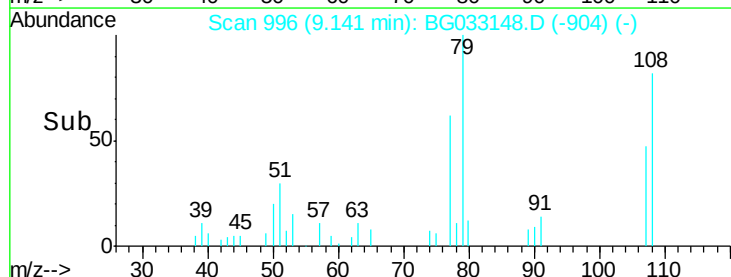
79 100

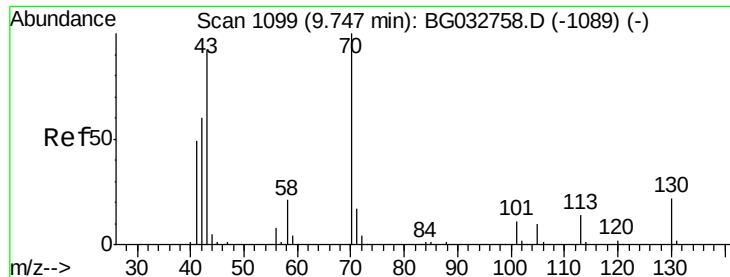
108 81.8 57.2 85.8

77 61.7 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

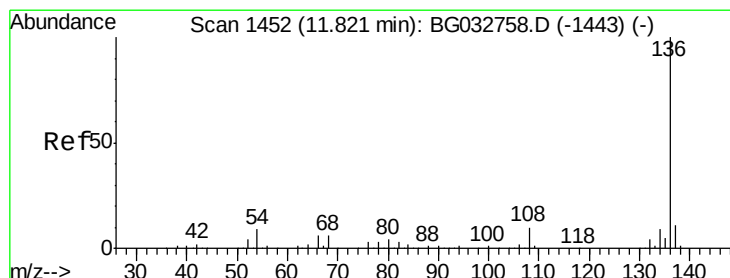
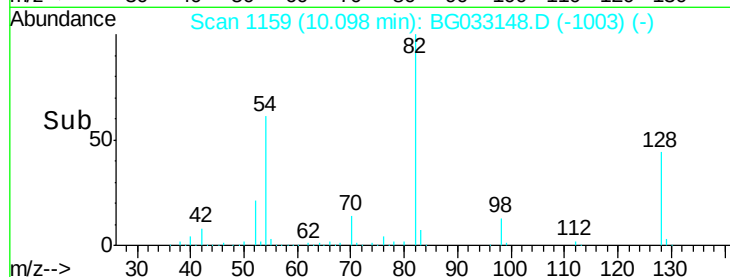
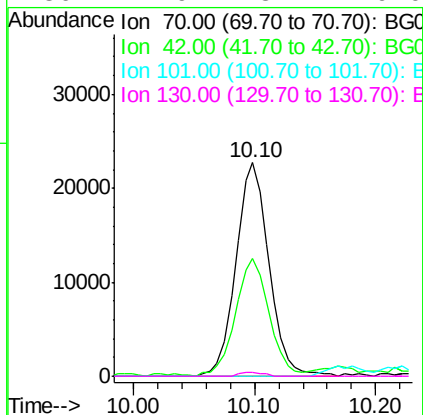
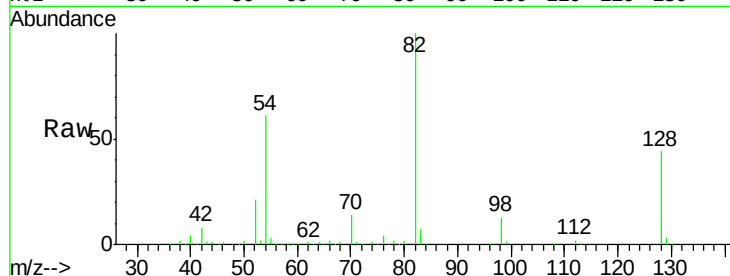




#19
n-Nitroso-di-n-propylamine
Concen: 19.038 ng
RT: 10.10 min Scan# 1159
Delta R.T. 0.38 min
Lab File: BG033148.D
Acq: 14 Mar 2018 15:52

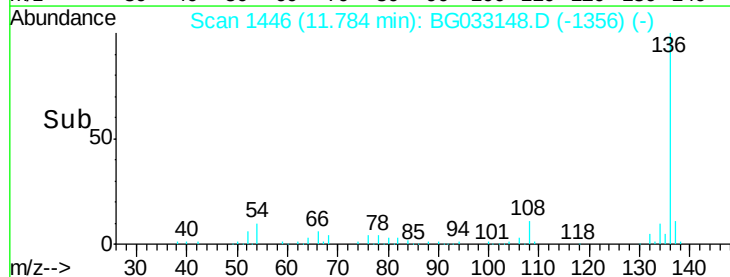
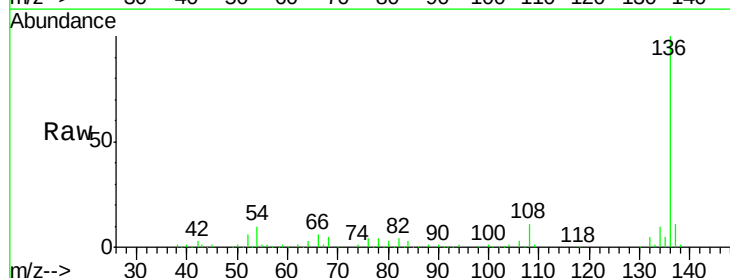
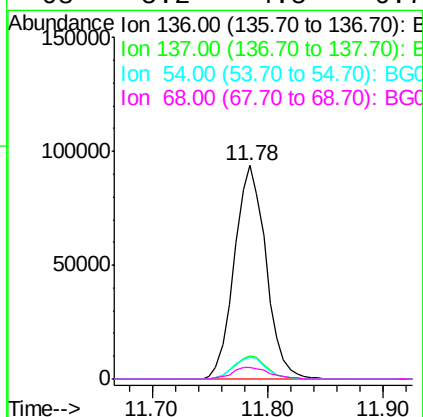
Instrument :
BNA_G
ClientSampleId :

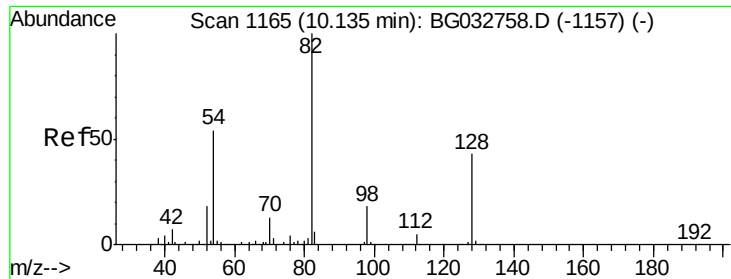
Tot Ion: 70 Resp: 43291
Ion Ratio Lower Upper
70 100
42 55.2 49.1 73.7
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG033148.D
Acq: 14 Mar 2018 15:52

Tgt Ion: 136 Resp: 177819
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 10.4 10.3 15.5
68 5.2 4.5 6.7

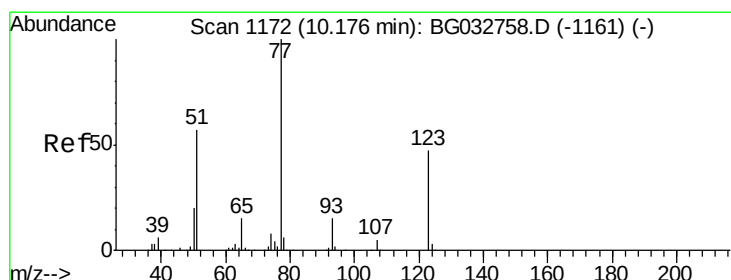
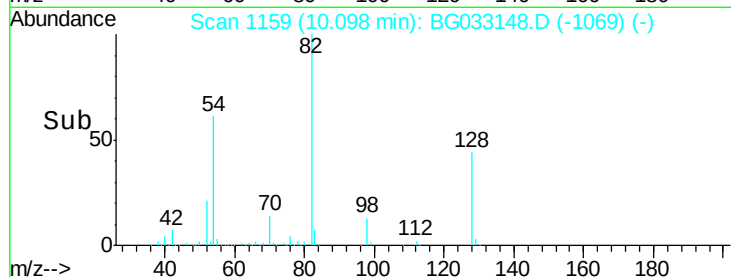
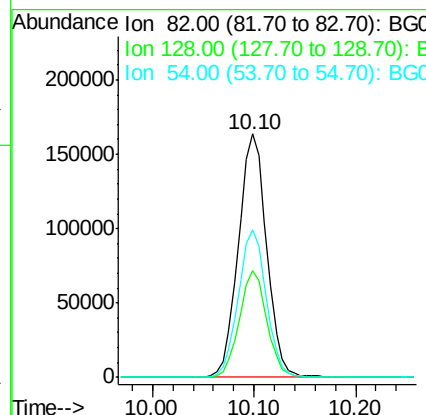
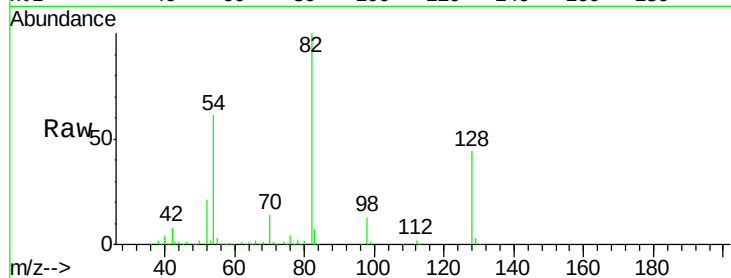




#23
 Nitrobenzene-d5
 Concen: 118.893 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BG033148.D
 Acq: 14 Mar 2018 15:52

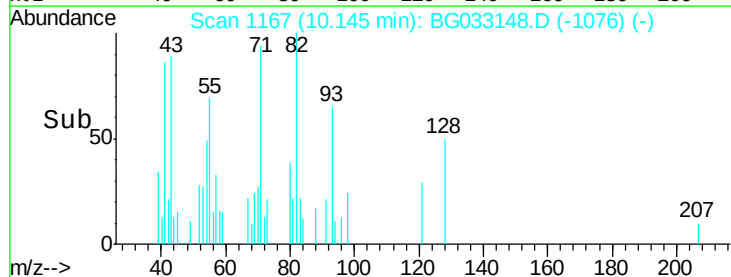
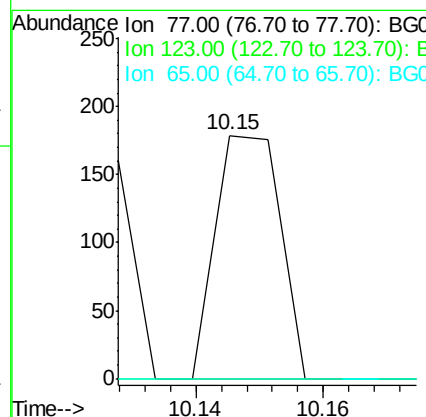
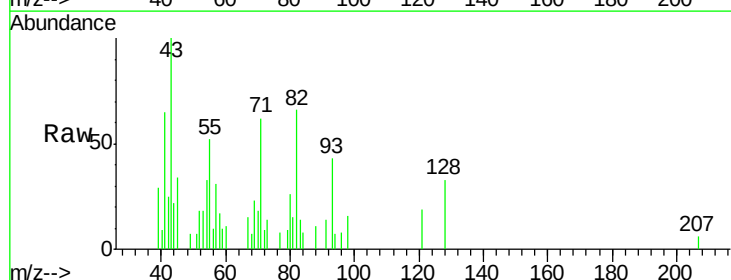
Instrument :
 BNA_G
 ClientSampleId :

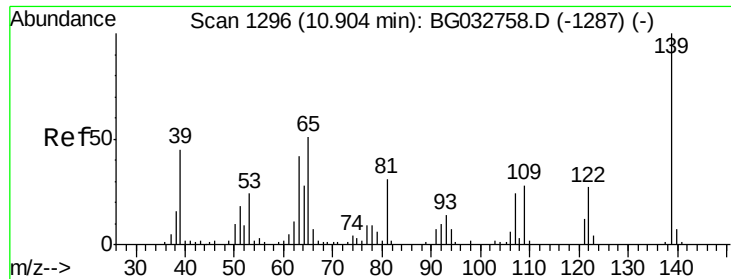
Tot Ion	82	Resp	316119
Ion Ratio	Lower	Upper	
82	100		
128	43.6	29.7	44.5
54	60.8	43.1	64.7



#24
 Nitrobenzene
 Concen: 6.419 ng
 RT: 10.15 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BG033148.D
 Acq: 14 Mar 2018 15:52

Tgt Ion	77	Resp	125
Ion Ratio	Lower	Upper	
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#

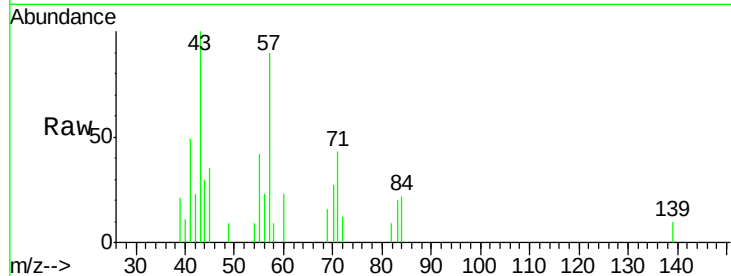




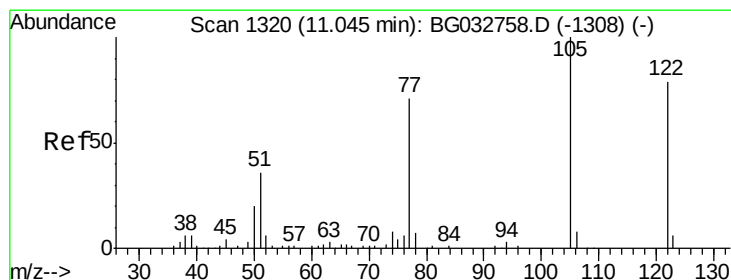
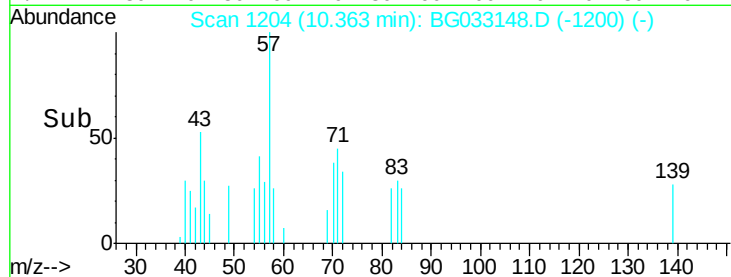
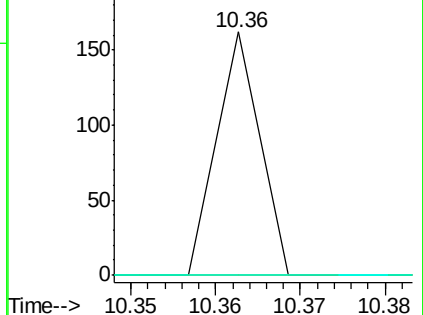
#26
2-Nitrophenol
Concen: 5.496 ng
RT: 10.36 min Scan# 1204
Delta R.T. -0.51 min
Lab File: BG033148.D
Acq: 14 Mar 2018 15:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 0.0 24.2 36.2#
65 0.0 47.4 71.0#

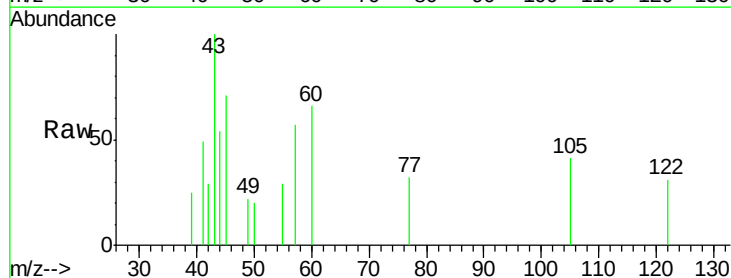


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

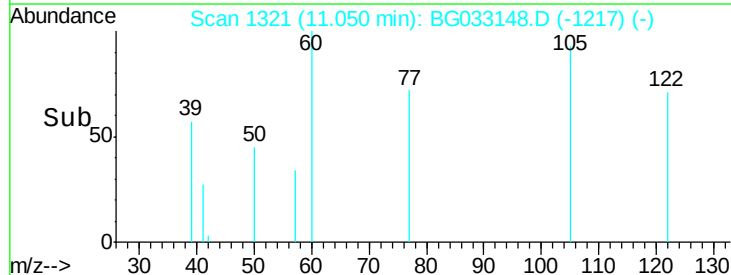
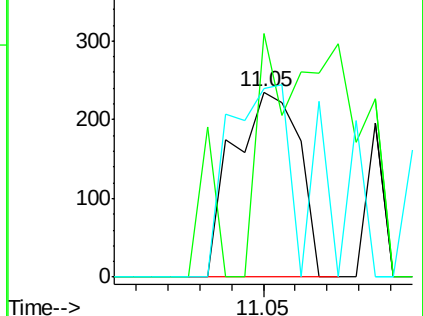


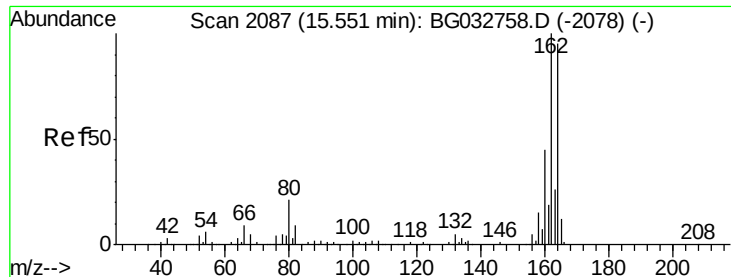
#32
Benzoic acid
Concen: 6.060 ng
RT: 11.05 min Scan# 1321
Delta R.T. 0.08 min
Lab File: BG033148.D
Acq: 14 Mar 2018 15:52

Tgt Ion:122 Resp: 339
Ion Ratio Lower Upper
122 100
105 131.5 123.5 163.5
77 102.1 85.7 125.7



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

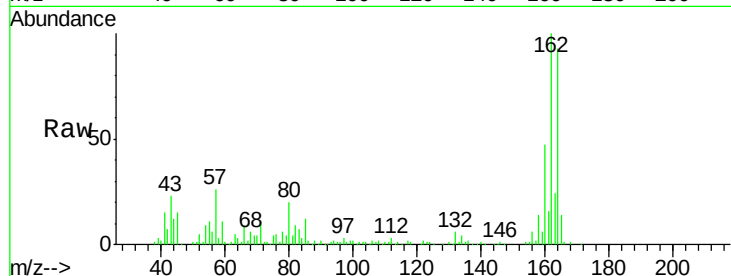




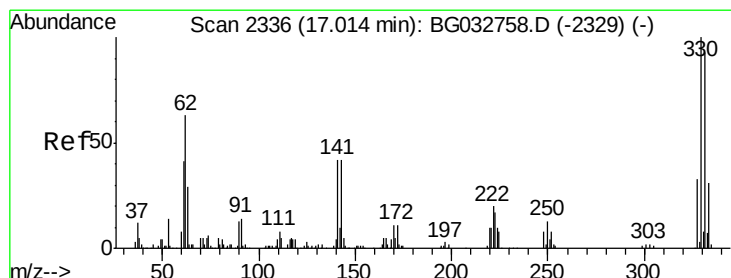
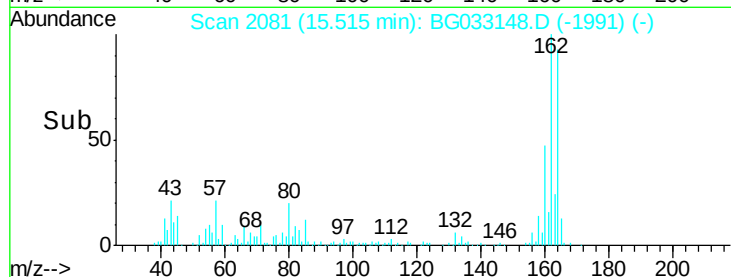
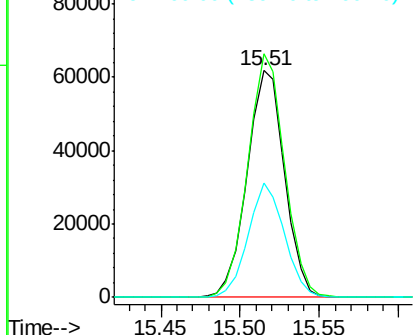
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG033148.D
Acq: 14 Mar 2018 15:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 101295
Ion Ratio Lower Upper
164 100
162 107.5 78.8 118.2
160 50.6 35.4 53.0

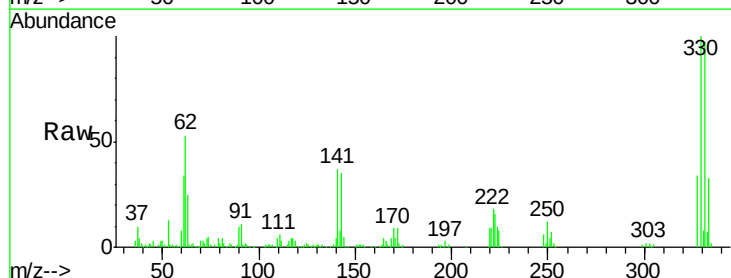


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

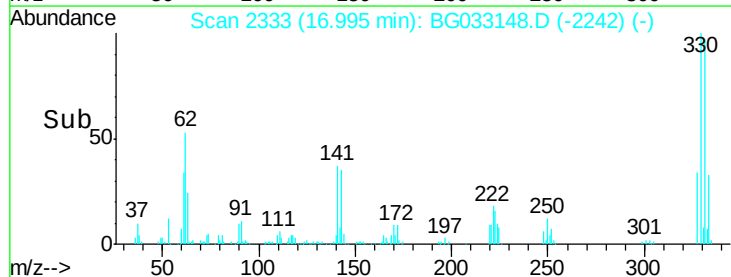
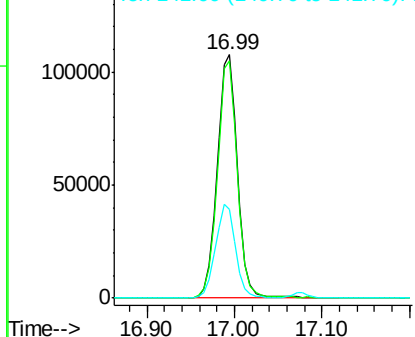


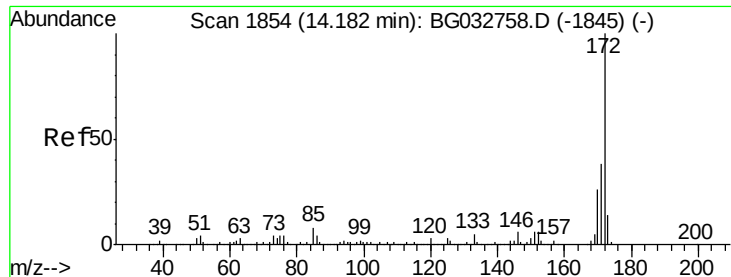
#41
2,4,6-Tribromophenol
Concen: 162.575 ng
RT: 16.99 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BG033148.D
Acq: 14 Mar 2018 15:52

Tgt Ion:330 Resp: 173156
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 38.1 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

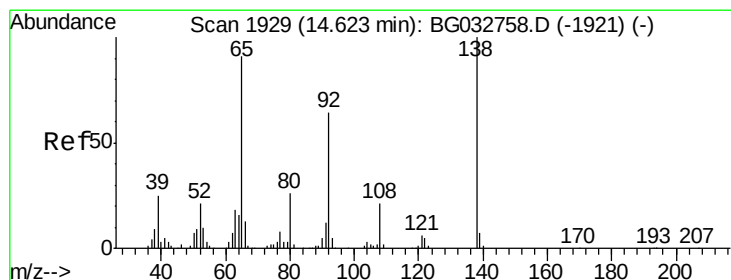
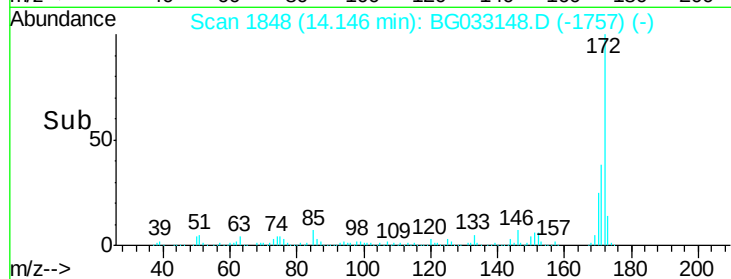
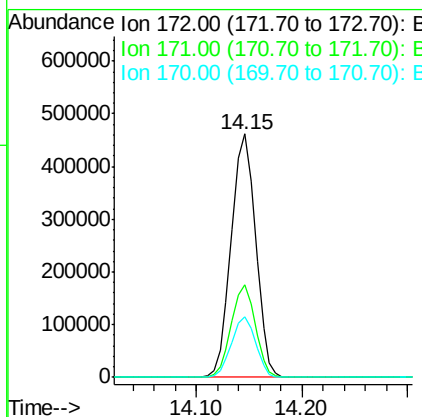
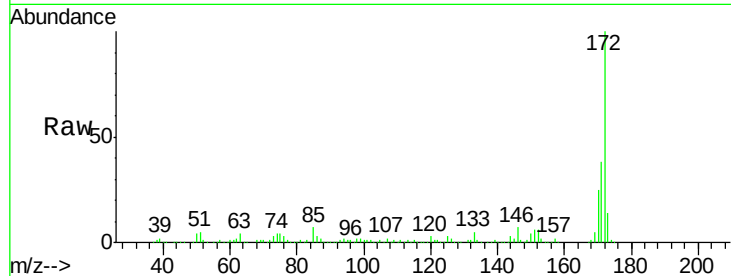




#44
 2-Fluorobiphenyl
 Concen: 104.745 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033148.D
 Acq: 14 Mar 2018 15:52

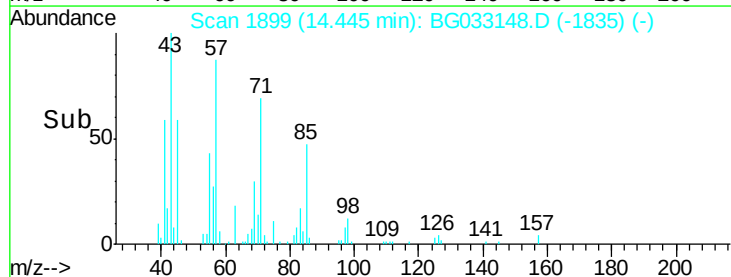
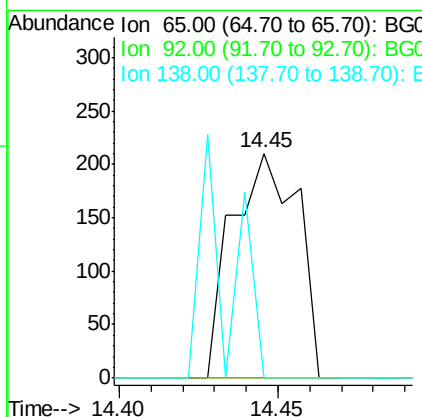
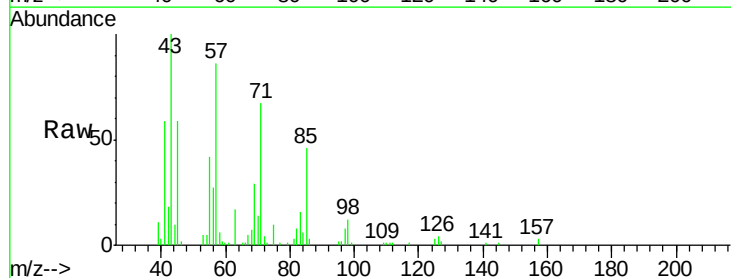
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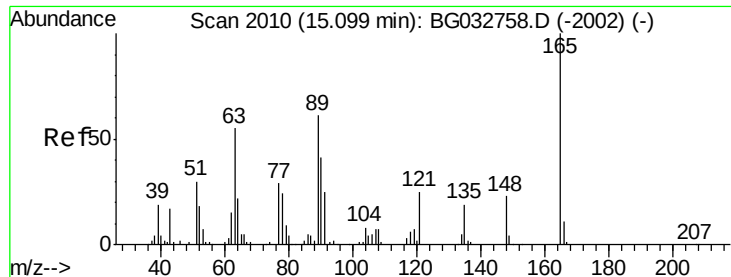
Tot Ion:172 Resp: 735664
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 24.9 19.5 29.3



#47
 2-Nitroaniline
 Concen: 9.980 ng
 RT: 14.45 min Scan# 1899
 Delta R.T. -0.16 min
 Lab File: BG033148.D
 Acq: 14 Mar 2018 15:52

Tgt Ion: 65 Resp: 302
 Ion Ratio Lower Upper
 65 100
 92 0.0 54.6 82.0#
 138 0.0 72.9 109.3#

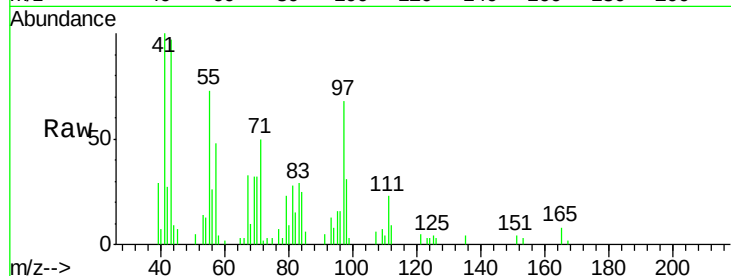




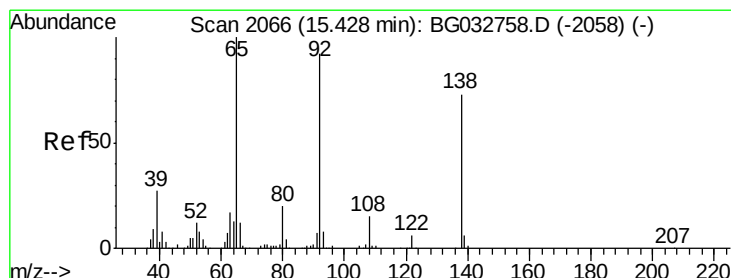
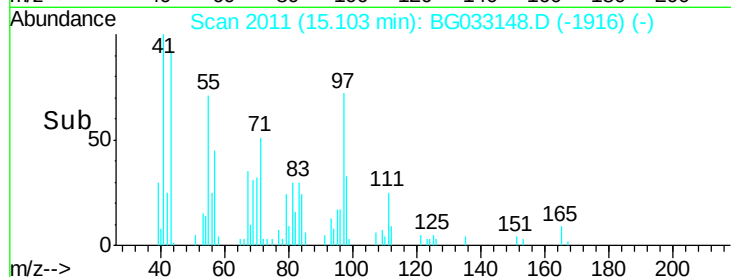
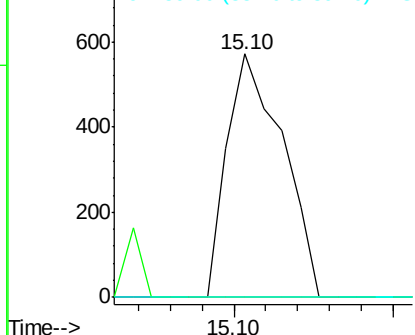
#50
 2,6-Dinitrotoluene
 Concen: 9.295 ng
 RT: 15.10 min Scan# 2011
 Delta R.T. 0.03 min
 Lab File: BG033148.D
 Acq: 14 Mar 2018 15:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

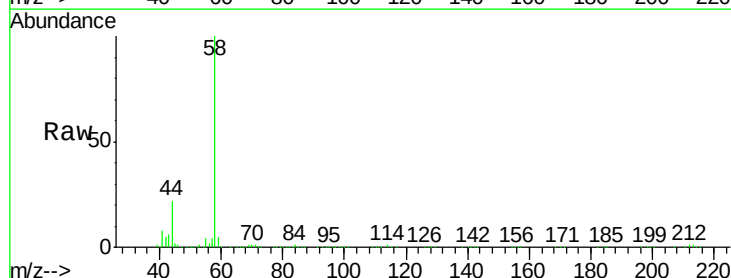


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

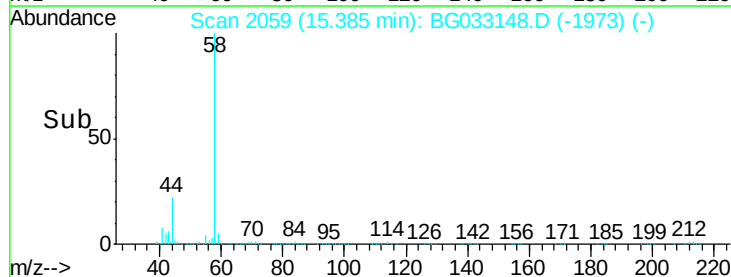
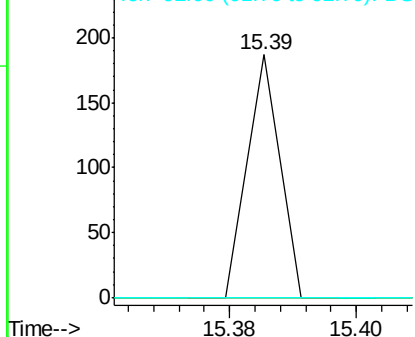


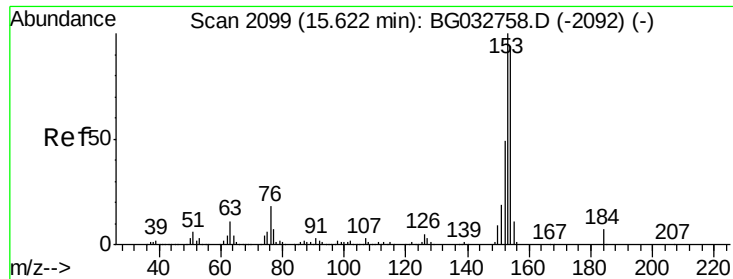
#52
 3-Nitroaniline
 Concen: 7.575 ng
 RT: 15.39 min Scan# 2059
 Delta R.T. -0.03 min
 Lab File: BG033148.D
 Acq: 14 Mar 2018 15:52

Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	17.5	26.3#
92	0.0	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

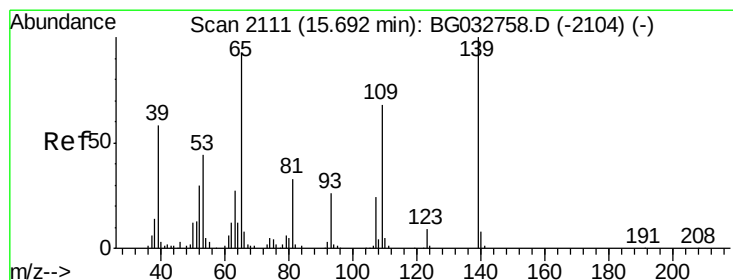
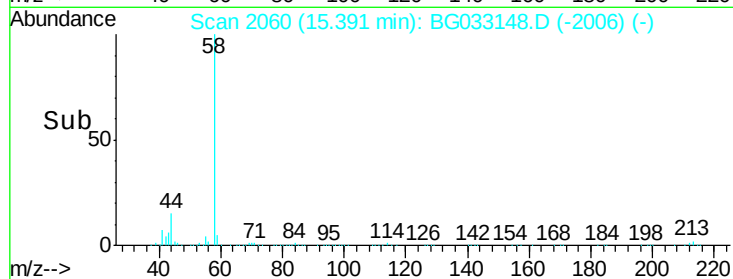
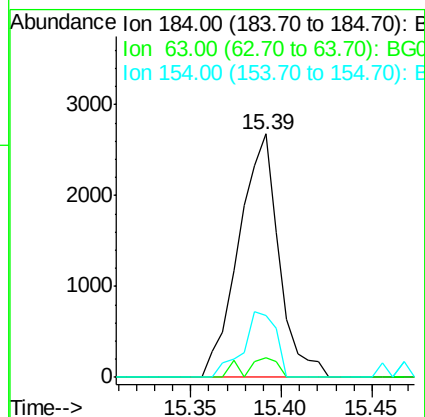
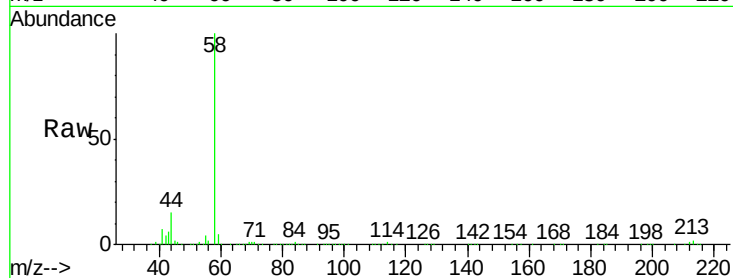




#53
 2,4-Dinitrophenol
 Concen: 15.568 ng
 RT: 15.39 min Scan# 2060
 Delta R.T. -0.21 min
 Lab File: BG033148.D
 Acq: 14 Mar 2018 15:52

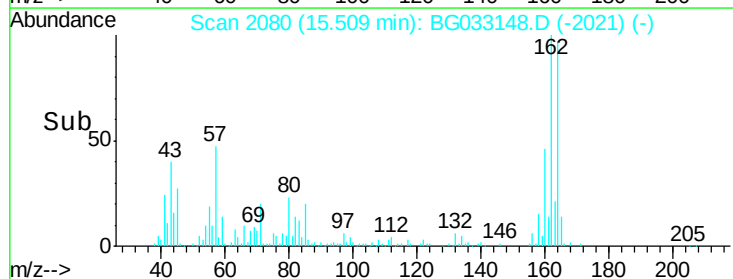
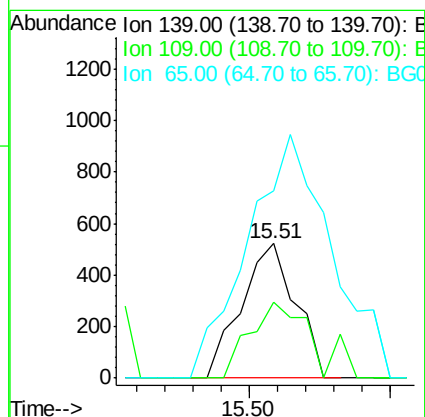
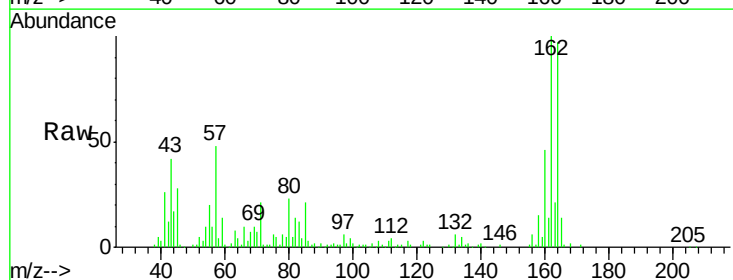
Instrument :
 BNA_G
 ClientSampleId :

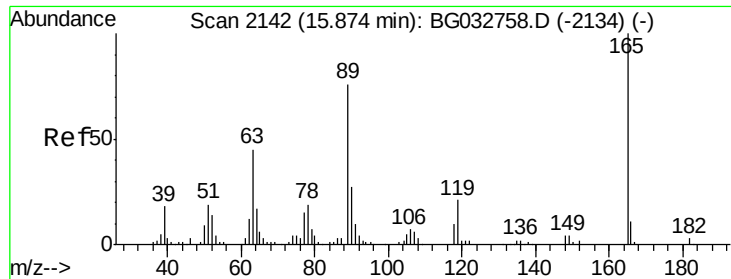
Tot Ion:184 Resp: 4122
 Ion Ratio Lower Upper
 184 100
 63 7.9 59.8 89.8#
 154 25.7 101.8 152.8#



#55
 4-Nitrophenol
 Concen: 7.528 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.19 min
 Lab File: BG033148.D
 Acq: 14 Mar 2018 15:52

Tgt Ion:139 Resp: 691
 Ion Ratio Lower Upper
 139 100
 109 56.6 62.2 102.2#
 65 139.5 97.2 137.2#

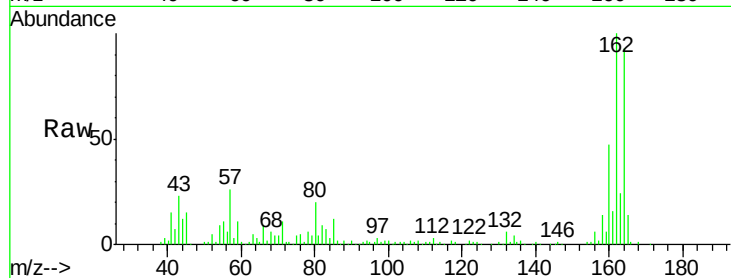




#56
 2,4-Dinitrotoluene
 Concen: 14.894 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.34 min
 Lab File: BG033148.D
 Acq: 14 Mar 2018 15:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	13625
Ion Ratio	Lower	Upper
165	100	
63	35.1	42.0 63.0#
89	1.9	66.9 100.3#
182	0.0	2.6 3.8#

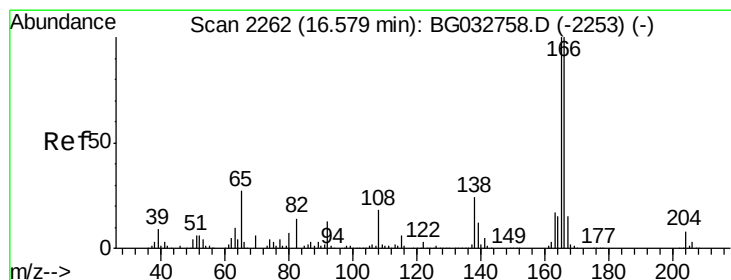
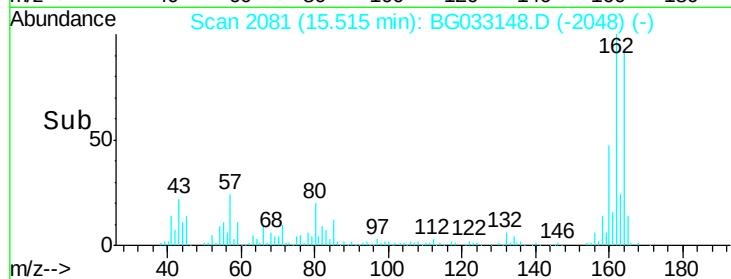
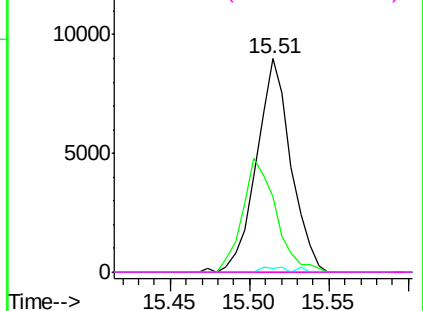


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

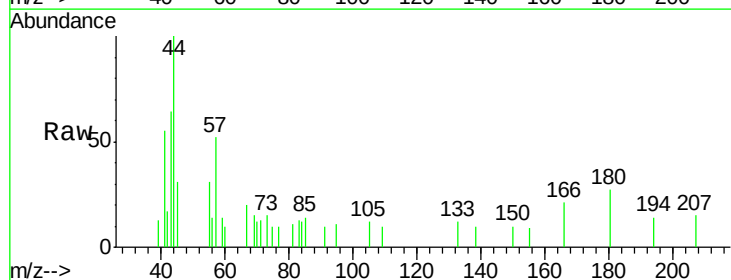
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#61
 4-Nitroaniline
 Concen: 5.329 ng
 RT: 16.59 min Scan# 2264
 Delta R.T. 0.03 min
 Lab File: BG033148.D
 Acq: 14 Mar 2018 15:52

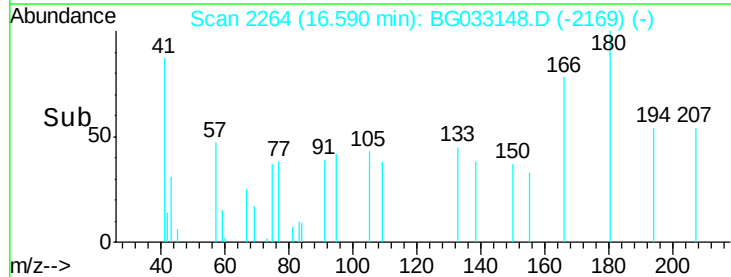
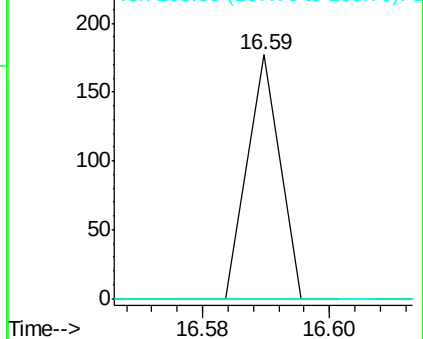
Tgt Ion:138	Resp:	62
Ion Ratio	Lower	Upper
138	100	
92	0.0	40.1 80.1#
108	0.0	65.4 105.4#

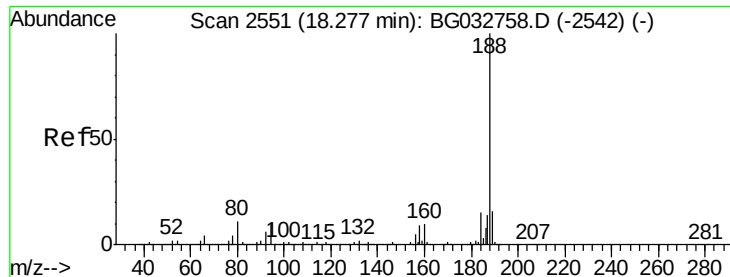


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E

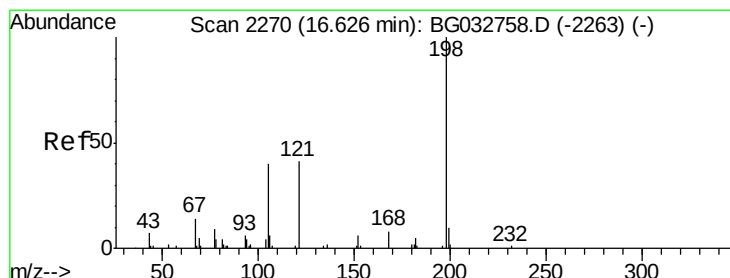
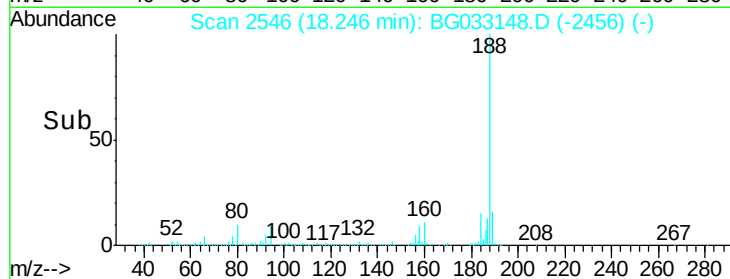
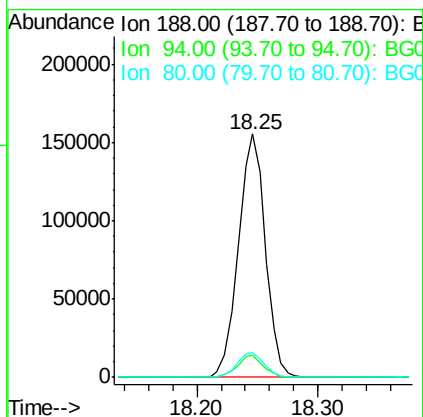
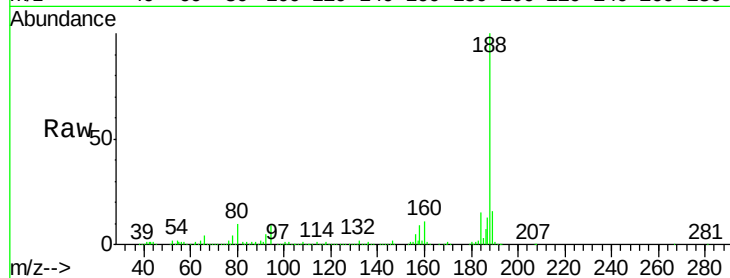




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033148.D
 Acq: 14 Mar 2018 15:52

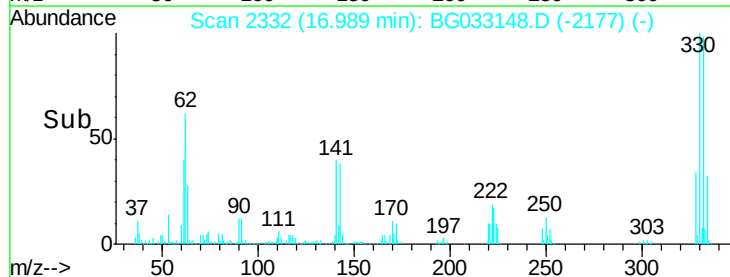
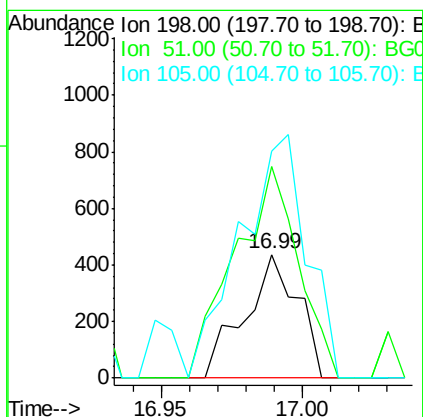
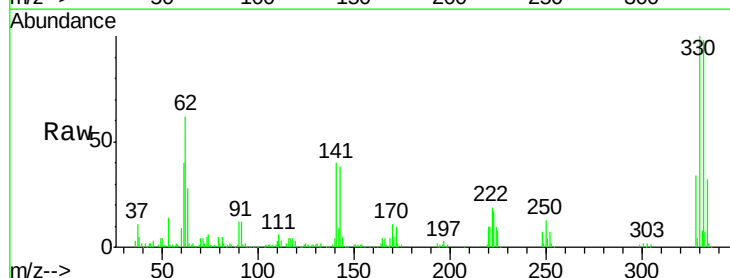
Instrument :
 BNA_G
 ClientSampleId :

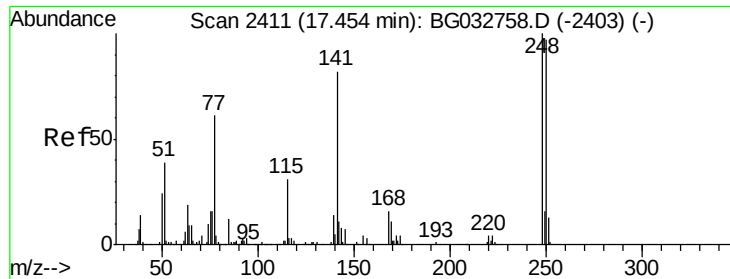
Tot Ion:188 Resp: 241411
 Ion Ratio Lower Upper
 188 100
 94 8.9 6.9 10.3
 80 10.0 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.945 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. 0.38 min
 Lab File: BG033148.D
 Acq: 14 Mar 2018 15:52

Tgt Ion:198 Resp: 567
 Ion Ratio Lower Upper
 198 100
 51 171.0 30.6 70.6#
 105 183.1 23.8 63.8#

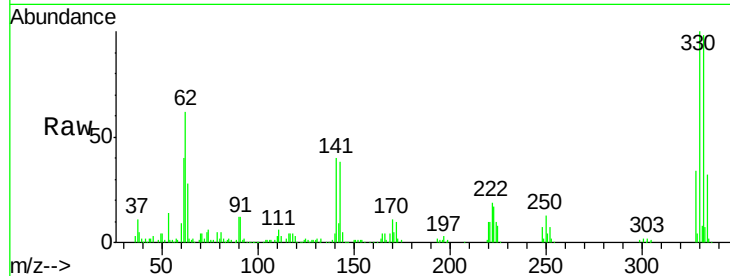




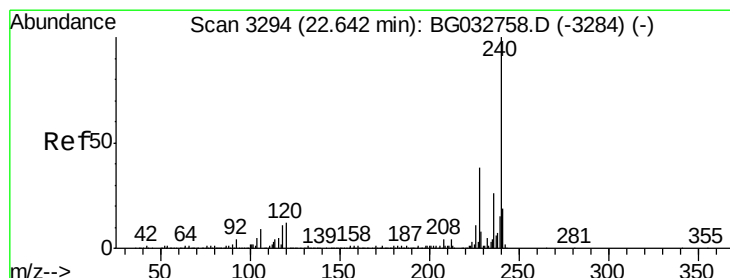
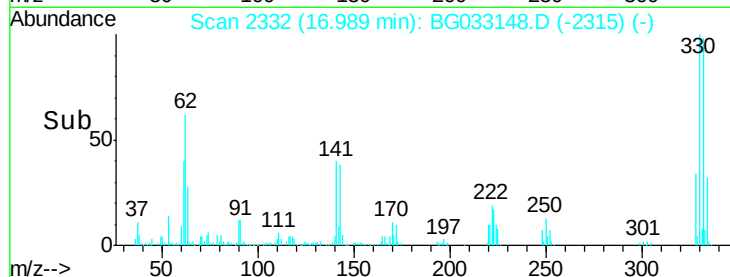
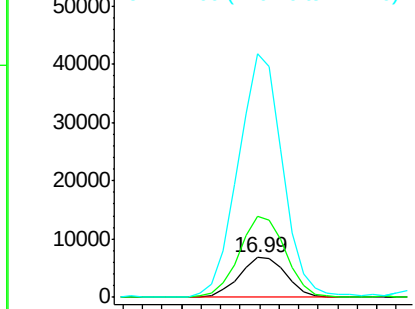
#66
 4-Bromophenyl-phenylether
 Concen: 4.445 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.43 min
 Lab File: BG033148.D
 Acq: 14 Mar 2018 15:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 11346
 Ion Ratio Lower Upper
 248 100
 250 204.1 77.1 115.7#
 141 613.7 50.8 76.2#

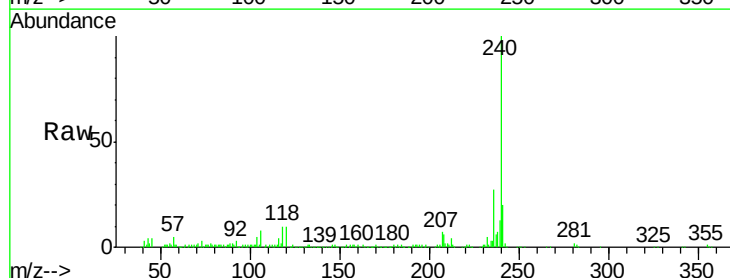


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

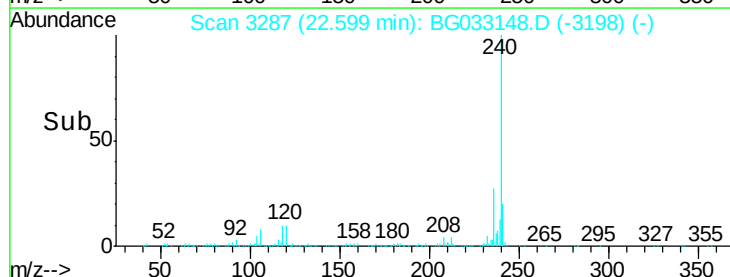
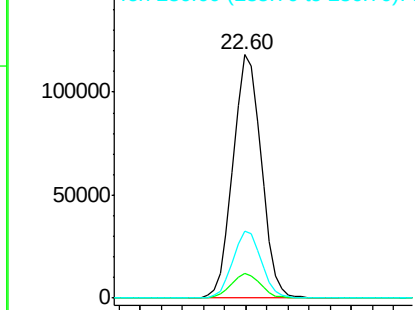


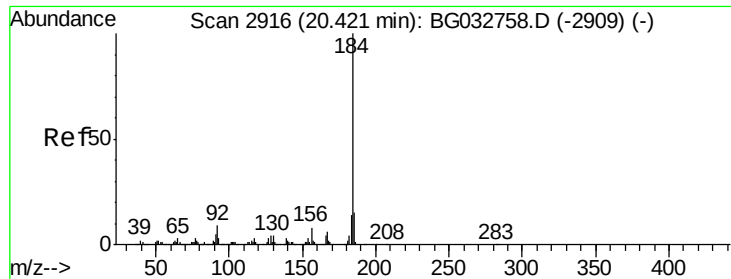
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BG033148.D
 Acq: 14 Mar 2018 15:52

Tgt Ion:240 Resp: 218918
 Ion Ratio Lower Upper
 240 100
 120 10.4 6.8 10.2#
 236 27.5 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: 2.610 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.37 min

Lab File: BG033148.D

Acq: 14 Mar 2018 15:52

Instrument :

BNA_G

ClientSampleId :

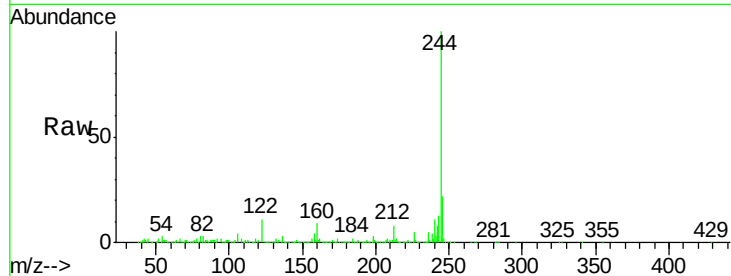
Tot Ion:184 Resp: 19477

Ion Ratio Lower Upper

184 100

185 24.7 11.1 16.7#

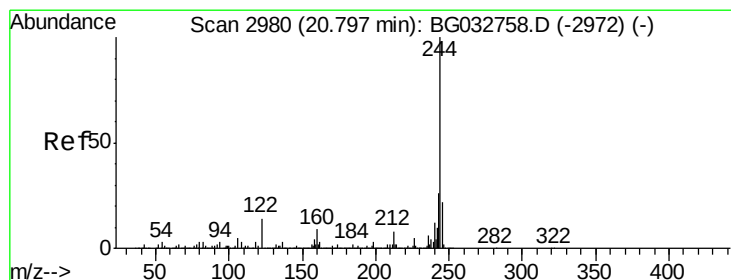
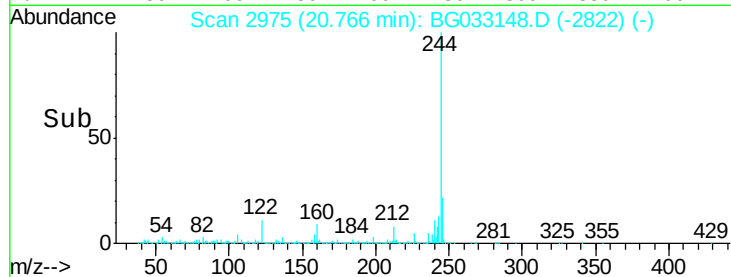
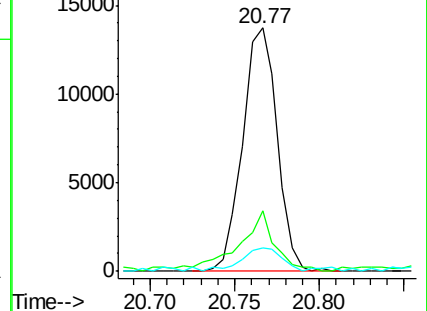
183 9.8 10.6 16.0#



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



#78

Terphenyl-d14

Concen: 110.550 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033148.D

Acq: 14 Mar 2018 15:52

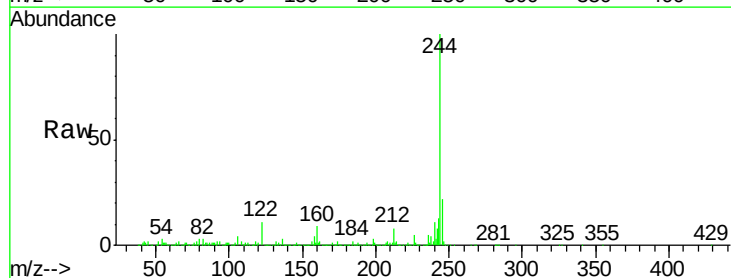
Tgt Ion:244 Resp: 1077179

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

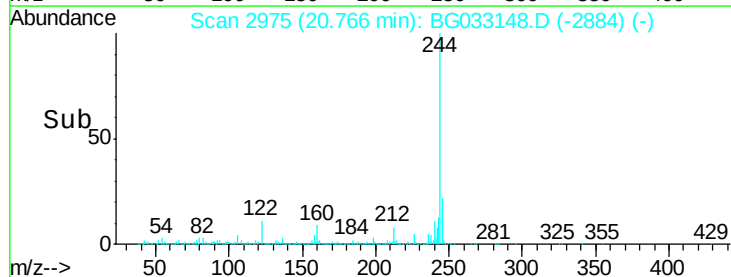
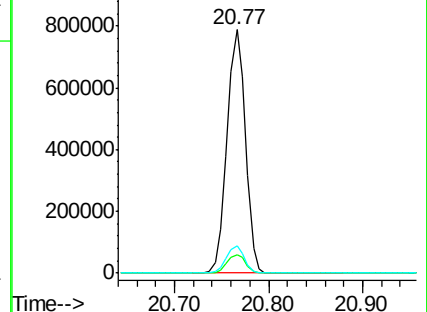
122 11.1 7.0 10.4#

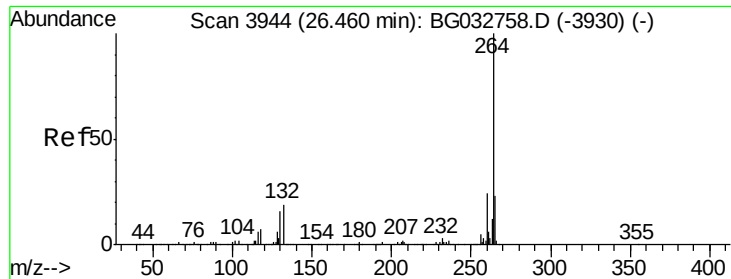


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

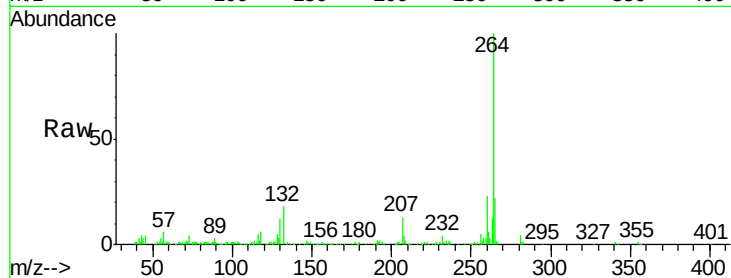




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BG033148.D
Acq: 14 Mar 2018 15:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.2	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

