

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033331.D
 Acq On : 26 Mar 2018 16:10
 Operator : SJ/JU
 Sample : J1994-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-031918

Quant Time: Mar 26 18:25:56 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

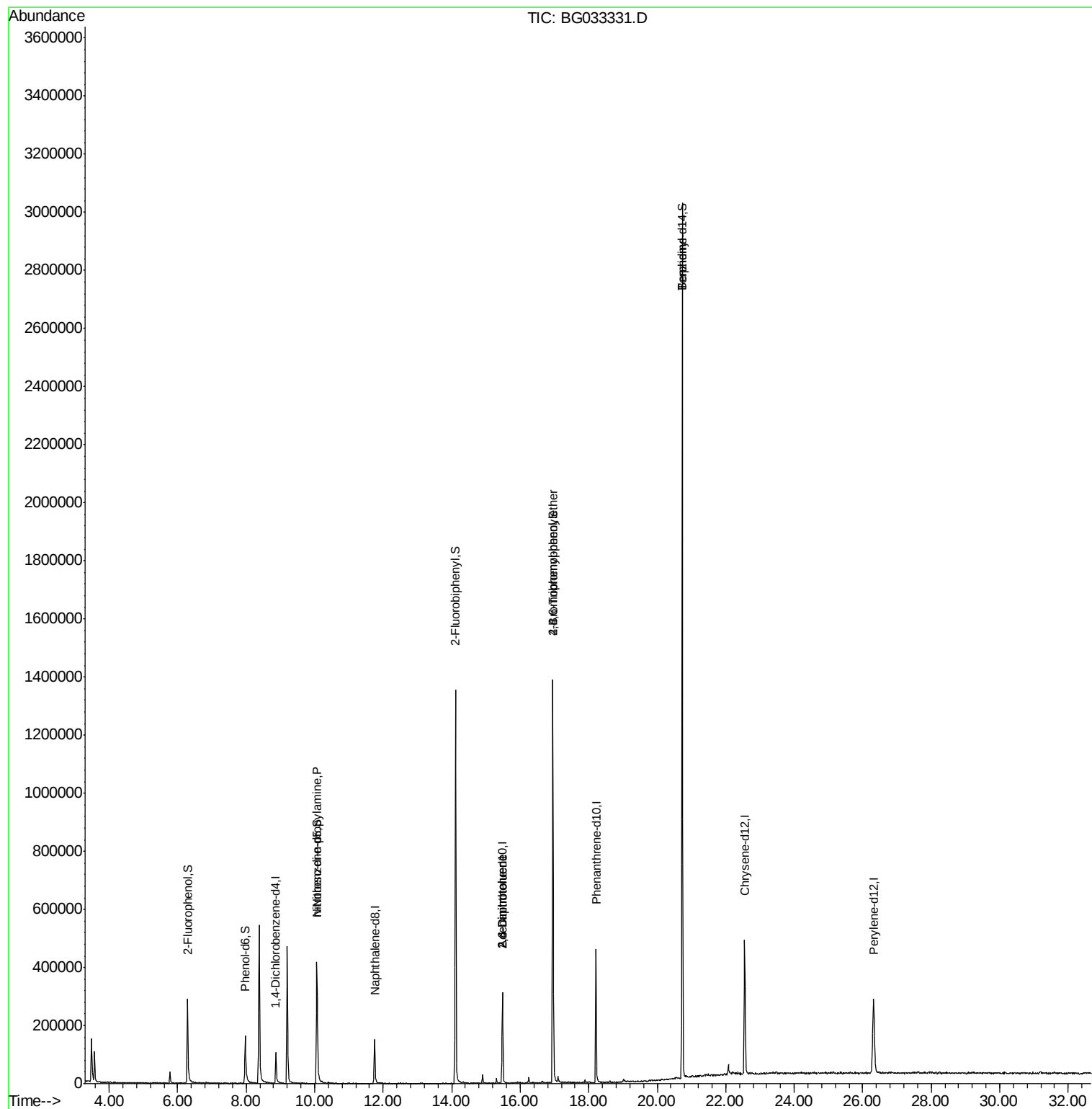
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	37995	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	151370	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	119909	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	324879	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	344808	20.00	ng	-0.04
86) Perylene-d12	26.32	264	367785	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	152010	75.02	ng	-0.02
7) Phenol-d6	7.97	99	131210	37.69	ng	-0.02
23) Nitrobenzene-d5	10.06	82	321603	97.61	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	284622	158.71	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	774083	93.20	ng	-0.02
78) Terphenyl-d14	20.73	244	1563880	97.00	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	44204	17.327	ng	# 74
50) 2,6-Dinitrotoluene	15.48	165	15082	7.068	ng	# 21
56) 2,4-Dinitrotoluene	15.48	165	15082	4.801	ng	# 19
66) 4-Bromophenyl-phenylether	16.96	248	22125	5.799	ng	# 1
76) Benzidine	20.73	184	25312	2.707	ng	# 92

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

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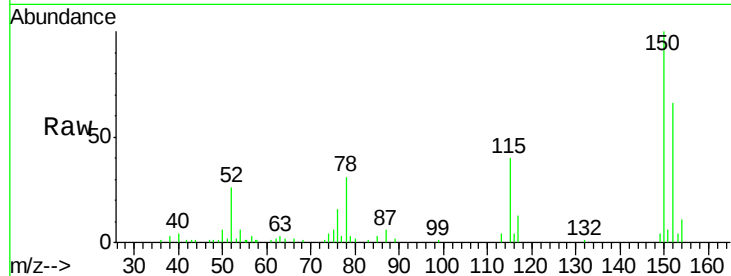


#1

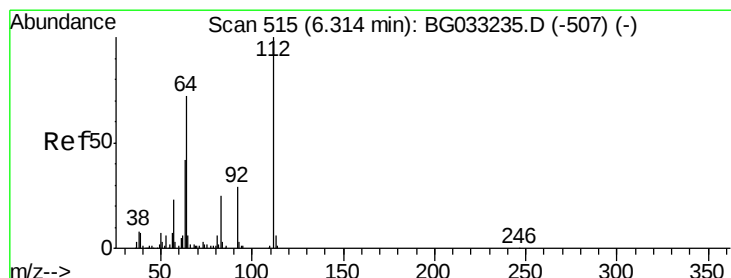
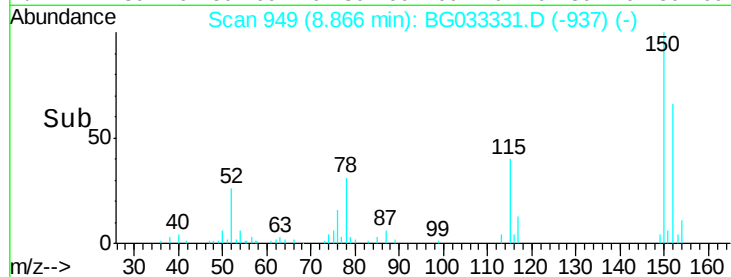
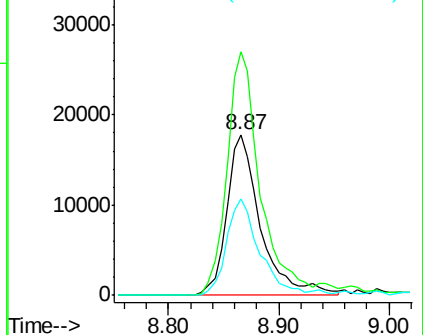
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BG033331.D
 Acq: 26 Mar 2018 16:10

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-031918

Tgt Ion:152 Resp: 37995
 Ion Ratio Lower Upper
 152 100
 150 151.4 126.6 189.8
 115 59.9 53.0 79.4



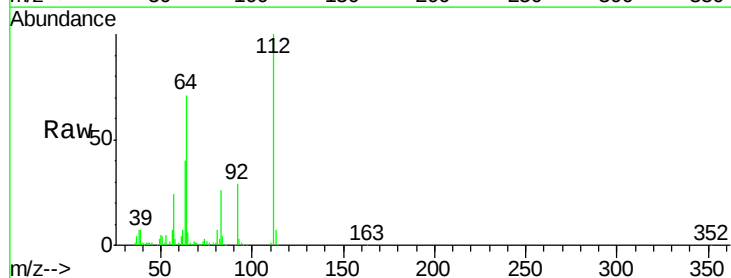
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



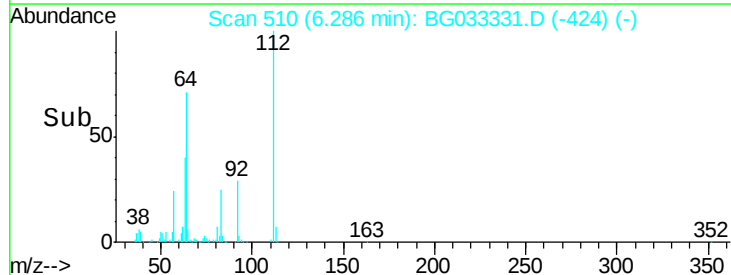
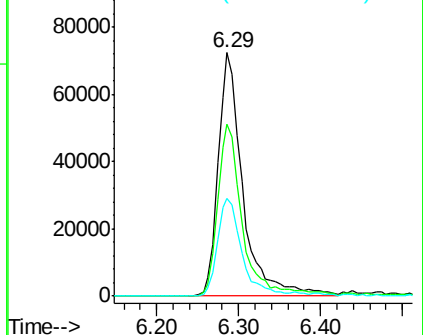
#5

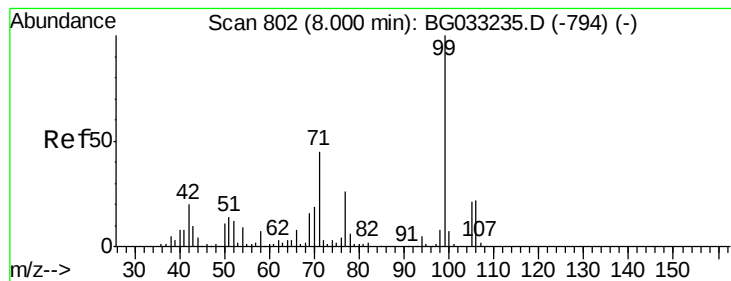
2-Fluorophenol
 Concen: 75.020 ng
 RT: 6.29 min Scan# 510
 Delta R.T. -0.02 min
 Lab File: BG033331.D
 Acq: 26 Mar 2018 16:10

Tgt Ion:112 Resp: 152010
 Ion Ratio Lower Upper
 112 100
 64 70.6 56.3 84.5
 63 40.4 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





#7

Phenol-d6

Concen: 37.687 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033331.D

Acq: 26 Mar 2018 16:10

Instrument :

BNA_G

ClientSampleId :

C-MW-09-031918

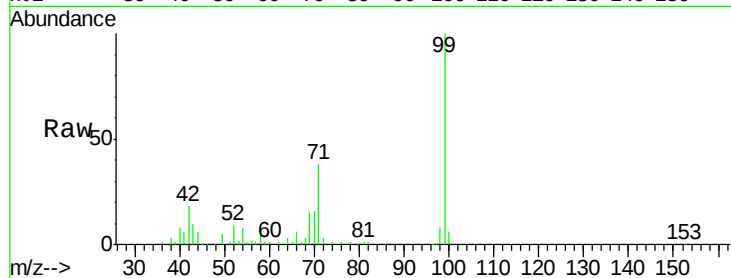
Tgt Ion: 99 Resp: 131210

Ion Ratio Lower Upper

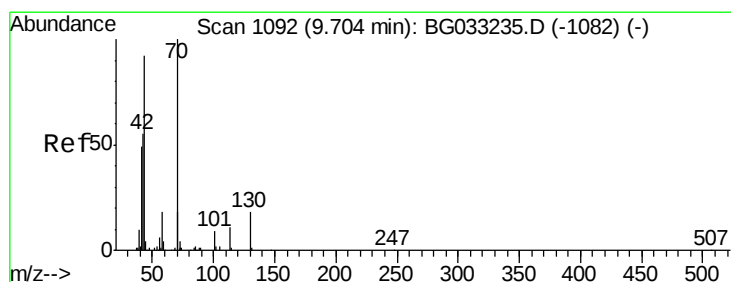
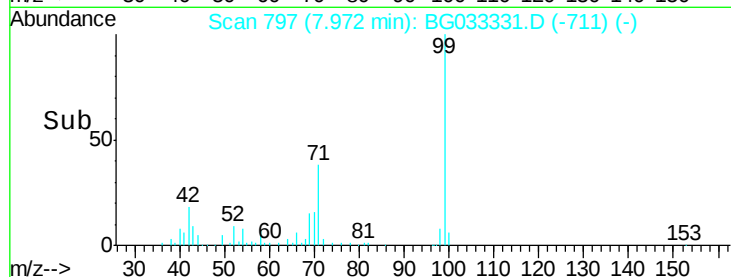
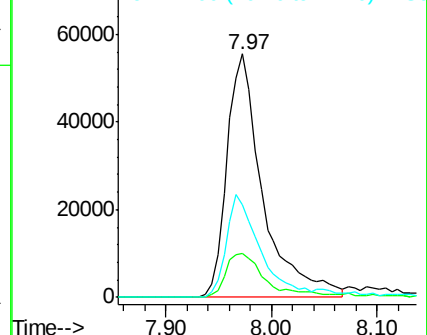
99 100

42 18.2 14.1 21.1

71 38.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.327 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.36 min

Lab File: BG033331.D

Acq: 26 Mar 2018 16:10

Tgt Ion: 70 Resp: 44204

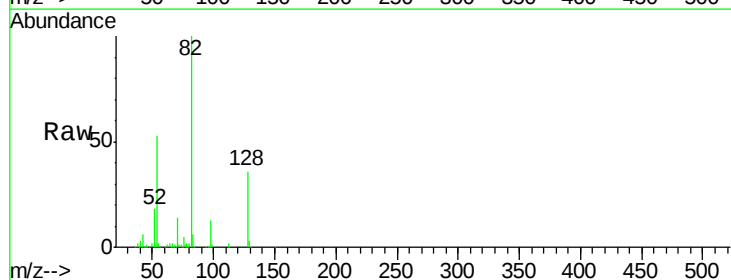
Ion Ratio Lower Upper

70 100

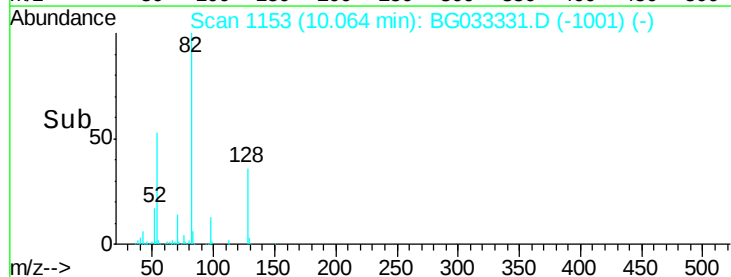
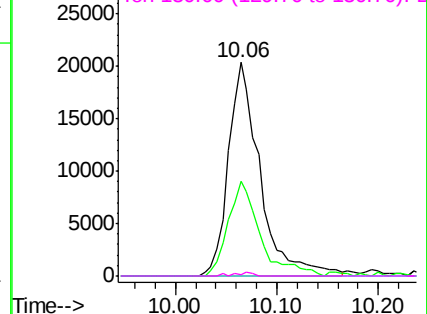
42 44.2 49.1 73.7#

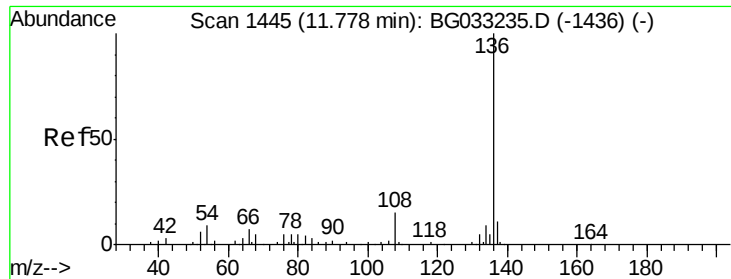
101 0.0 8.5 12.7#

130 0.9 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

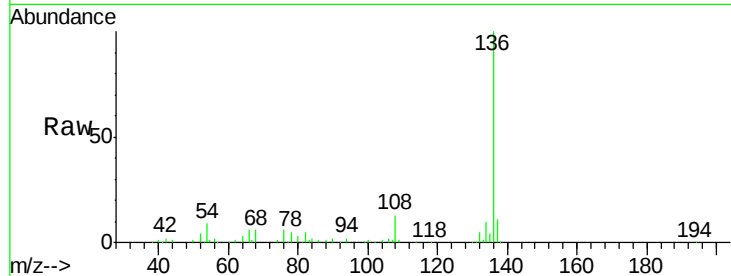




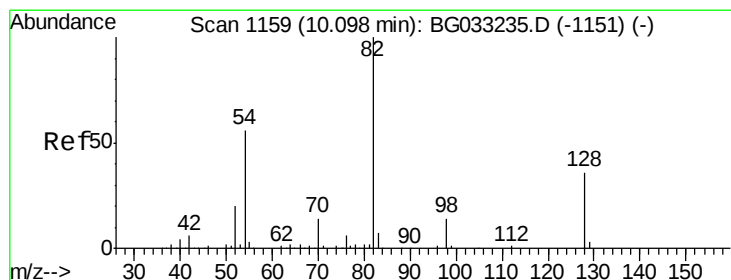
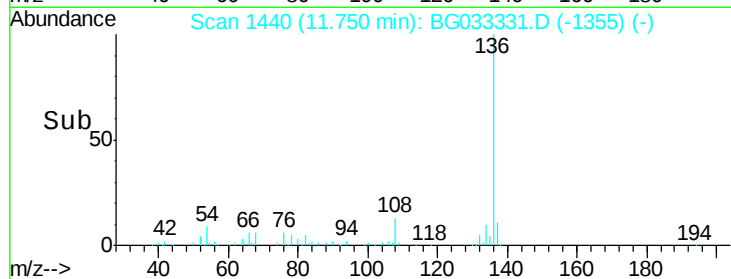
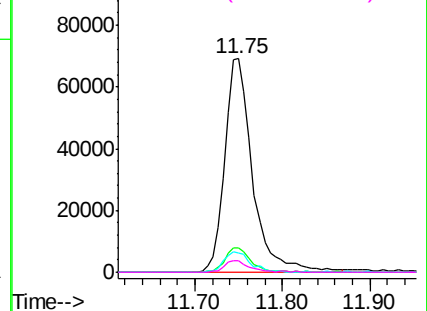
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033331.D
Acq: 26 Mar 2018 16:10

Instrument :
BNA_G
ClientSampleId :
C-MW-09-031918

Tgt Ion:	136	Resp:	151370
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	10.2	10.3	15.5#
68	5.7	4.5	6.7

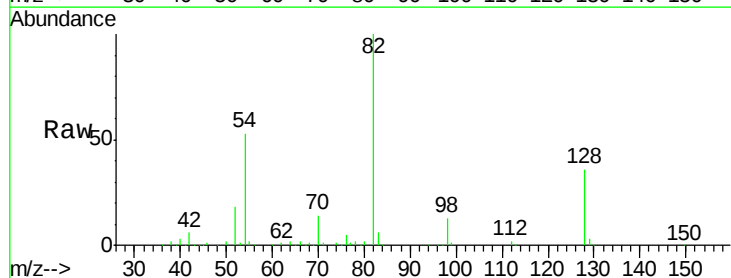


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

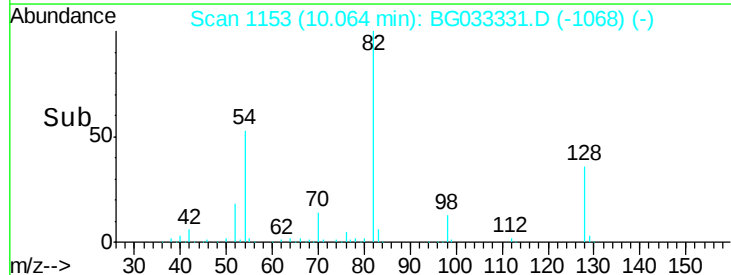
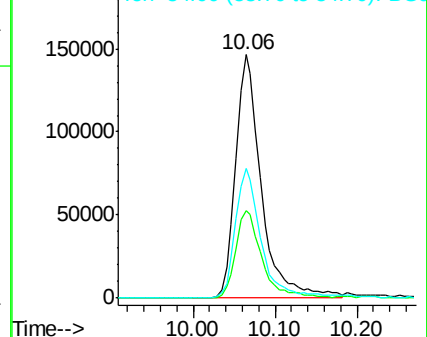


#23
Nitrobenzene-d5
Concen: 97.613 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BG033331.D
Acq: 26 Mar 2018 16:10

Tgt Ion:	82	Resp:	321603
Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.7	44.5
54	53.2	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

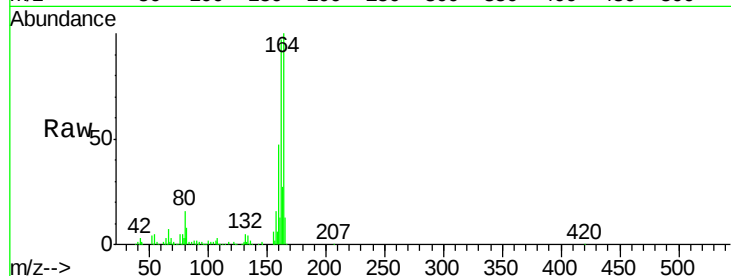




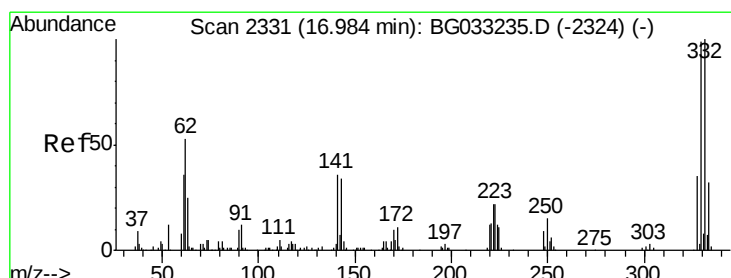
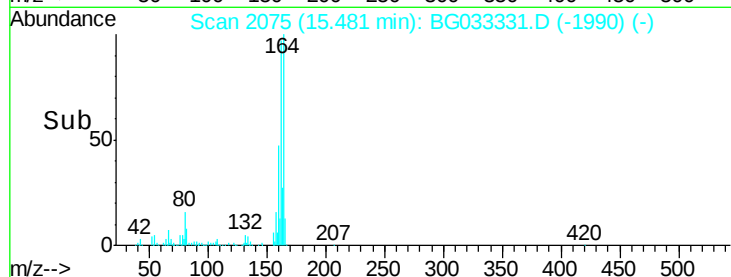
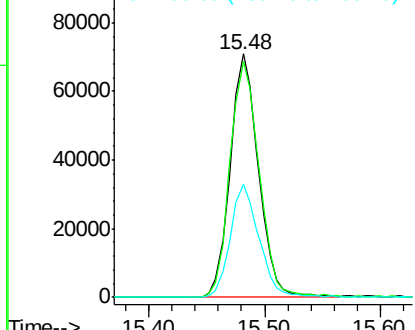
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.03 min
Lab File: BG033331.D
Acq: 26 Mar 2018 16:10

Instrument :
BNA_G
ClientSampleId :
C-MW-09-031918

Tgt Ion:164 Resp: 119909
Ion Ratio Lower Upper
164 100
162 96.7 78.8 118.2
160 46.6 35.4 53.0

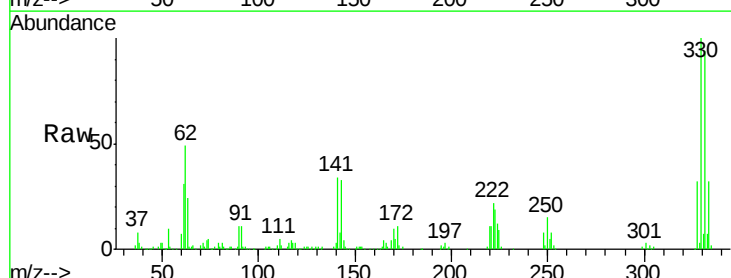


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

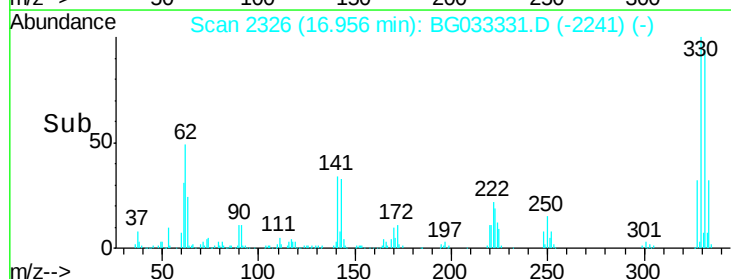
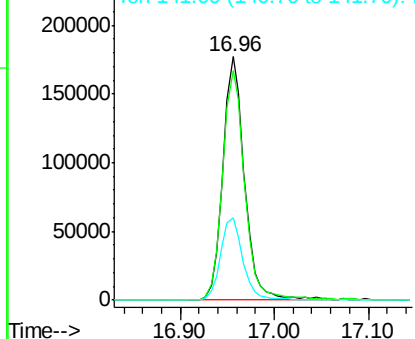


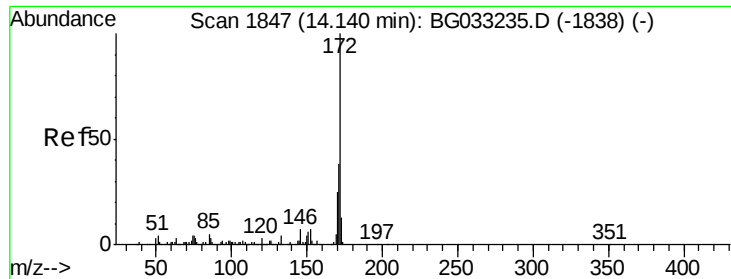
#41
2,4,6-Tribromophenol
Concen: 158.707 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.03 min
Lab File: BG033331.D
Acq: 26 Mar 2018 16:10

Tgt Ion:330 Resp: 284622
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 35.0 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

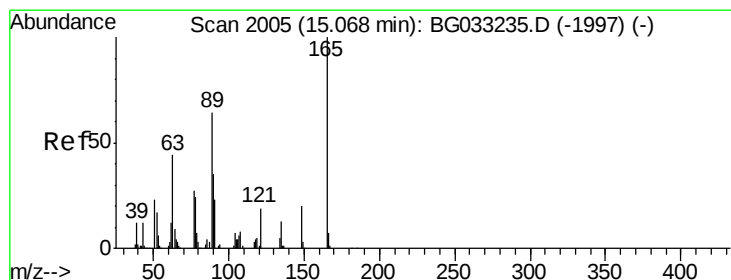
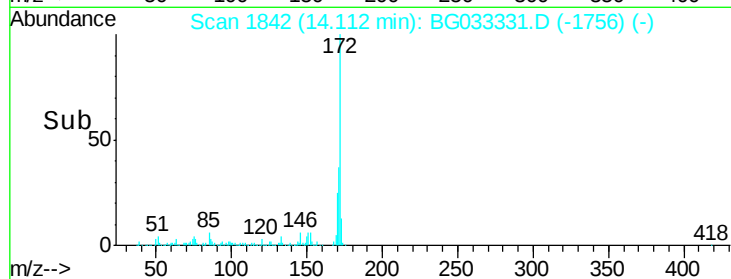
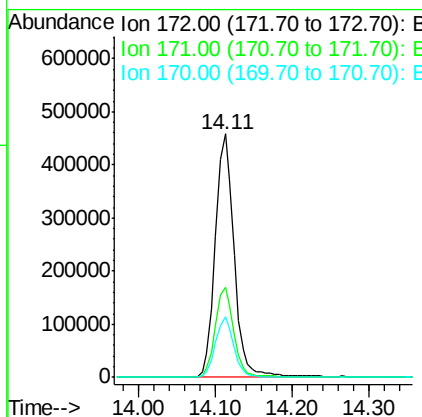
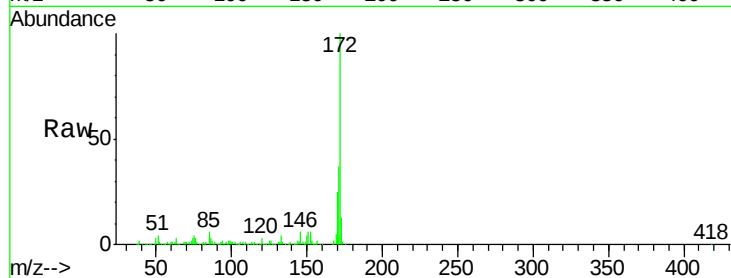




#44
 2-Fluorobiphenyl
 Concen: 93.195 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033331.D
 Acq: 26 Mar 2018 16:10

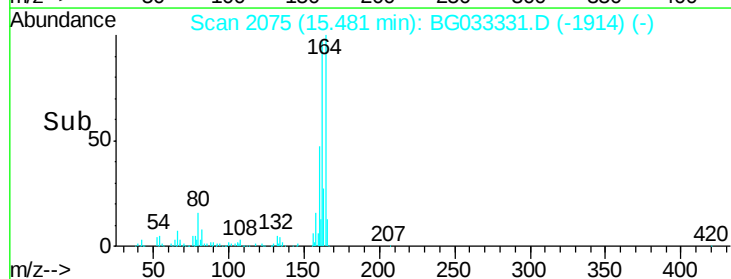
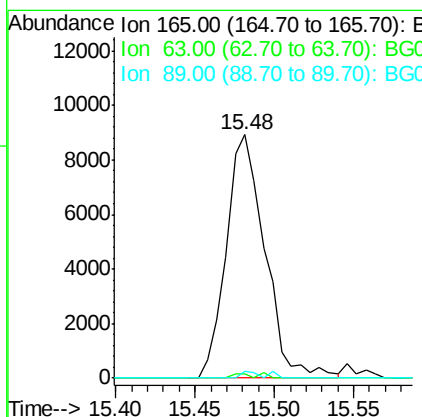
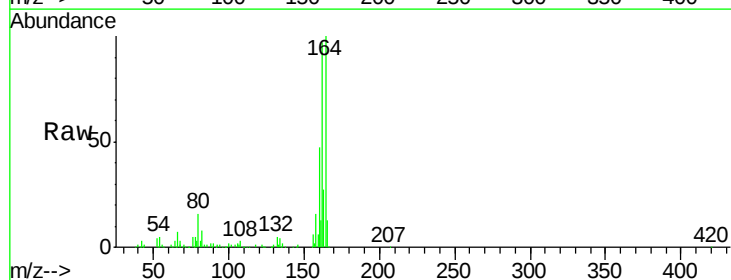
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-031918

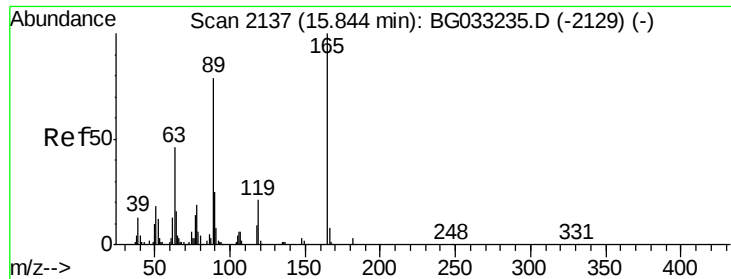
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.7	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.068 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.42 min
 Lab File: BG033331.D
 Acq: 26 Mar 2018 16:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	52.7	79.1#
89	2.8	49.2	73.8#





#56

2,4-Dinitrotoluene

Concen: 4.801 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.37 min

Lab File: BG033331.D

Acq: 26 Mar 2018 16:10

Instrument :

BNA_G

ClientSampleId :

C-MW-09-031918

Tgt Ion:165 Resp: 15082

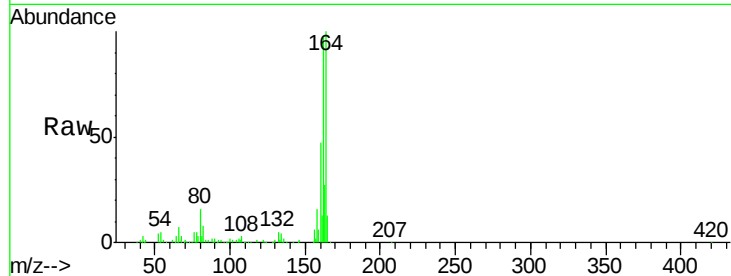
Ion Ratio Lower Upper

165 100

63 1.8 42.0 63.0#

89 2.8 66.9 100.3#

182 0.0 2.6 3.8#

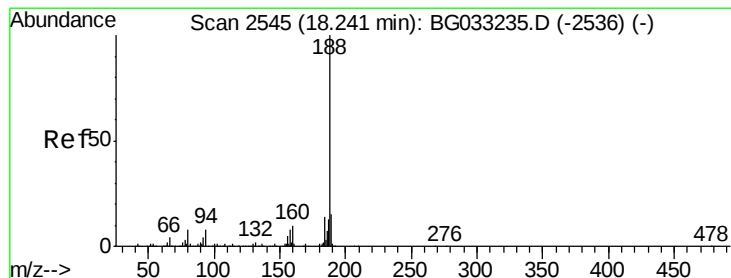
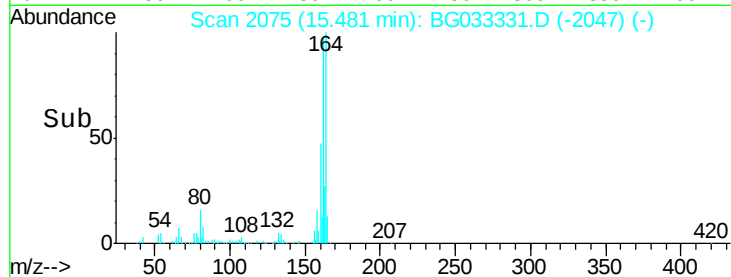
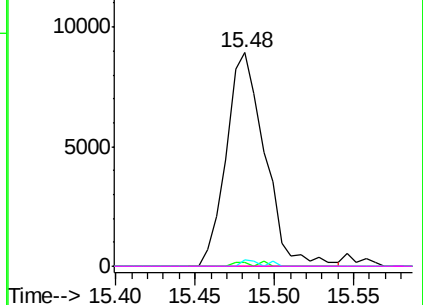


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BG033331.D

Acq: 26 Mar 2018 16:10

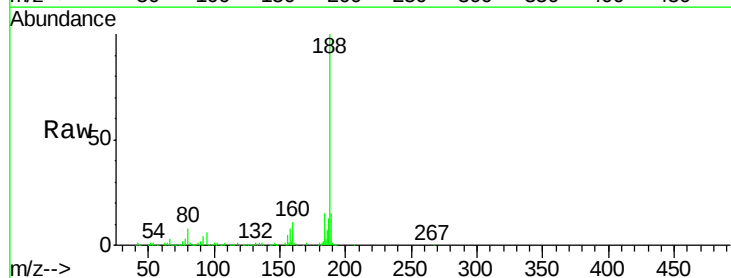
Tgt Ion:188 Resp: 324879

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

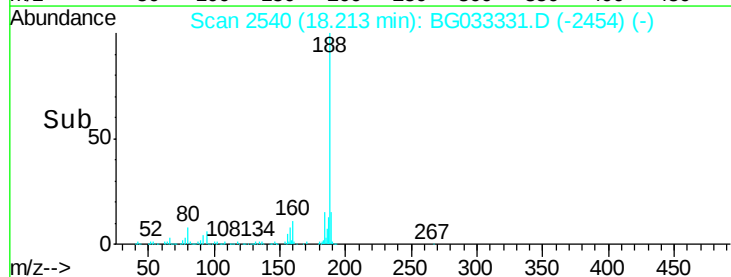
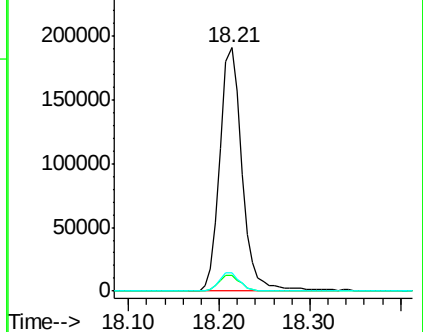
80 7.6 7.7 11.5#

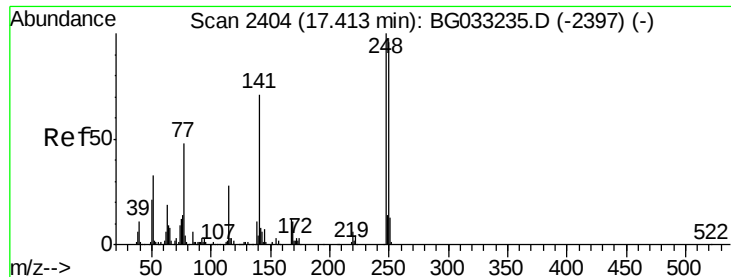


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

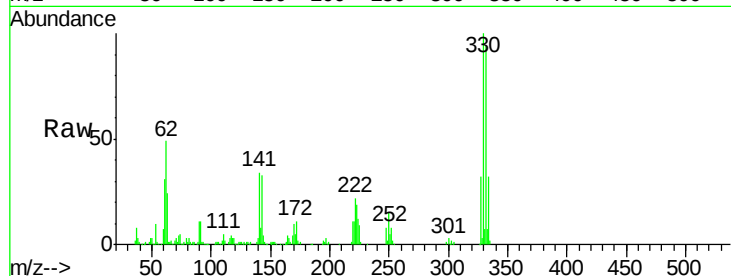




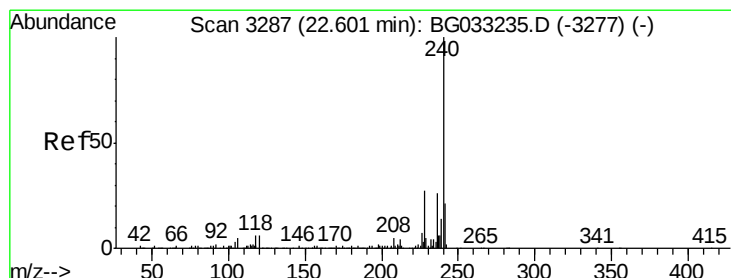
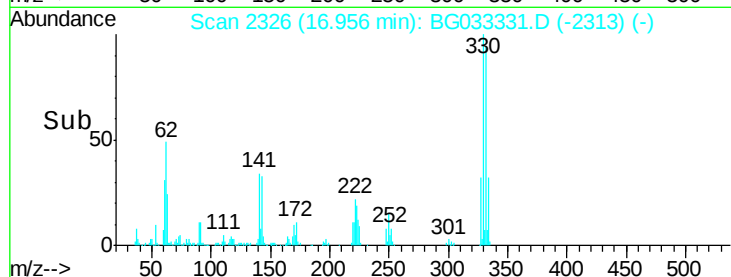
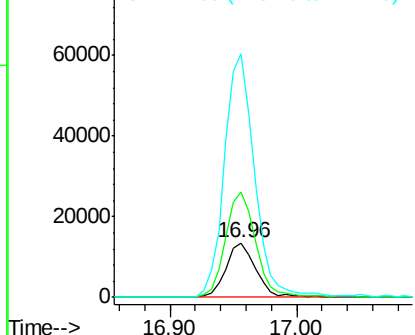
#66
 4-Bromophenyl-phenylether
 Concen: 5.799 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.45 min
 Lab File: BG033331.D
 Acq: 26 Mar 2018 16:10

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-031918

Tgt Ion:248 Resp: 22125
 Ion Ratio Lower Upper
 248 100
 250 192.8 77.1 115.7#
 141 444.8 50.8 76.2#

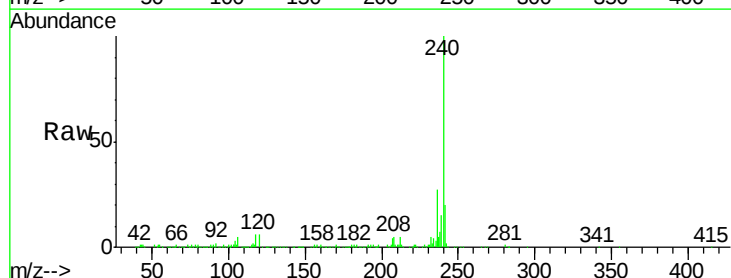


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

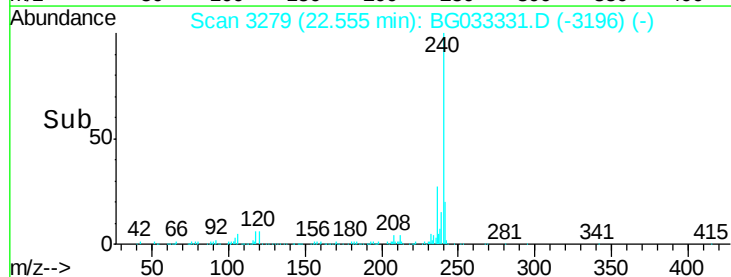
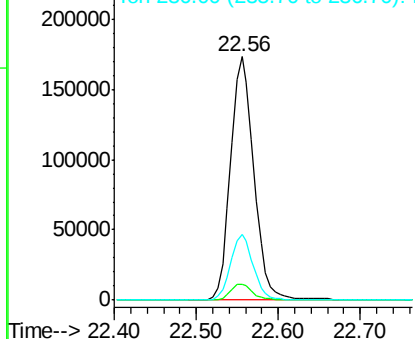


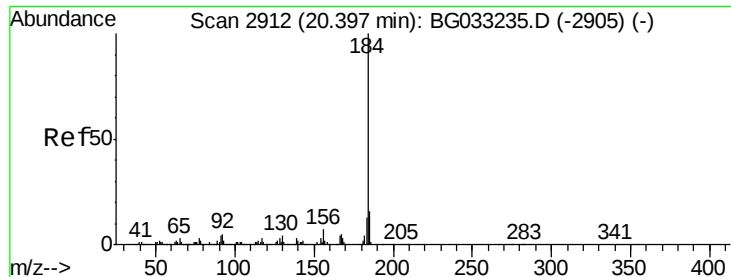
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3279
 Delta R.T. -0.04 min
 Lab File: BG033331.D
 Acq: 26 Mar 2018 16:10

Tgt Ion:240 Resp: 344808
 Ion Ratio Lower Upper
 240 100
 120 6.4 6.8 10.2#
 236 27.0 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: 2.707 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.34 min

Lab File: BG033331.D

Acq: 26 Mar 2018 16:10

Instrument :

BNA_G

ClientSampleId :

C-MW-09-031918

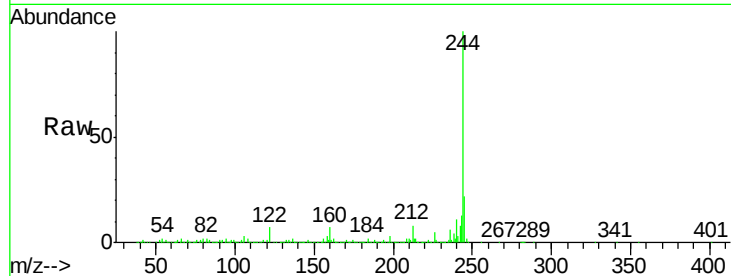
Tgt Ion:184 Resp: 25312

Ion Ratio Lower Upper

184 100

185 17.0 11.1 16.7#

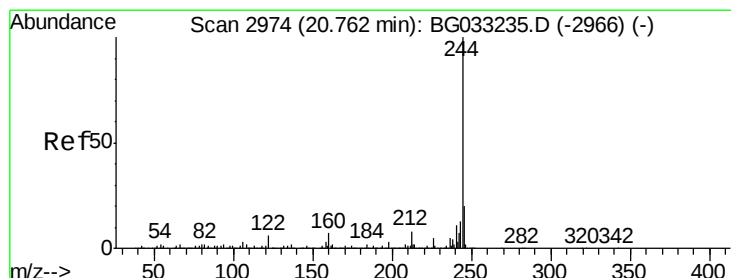
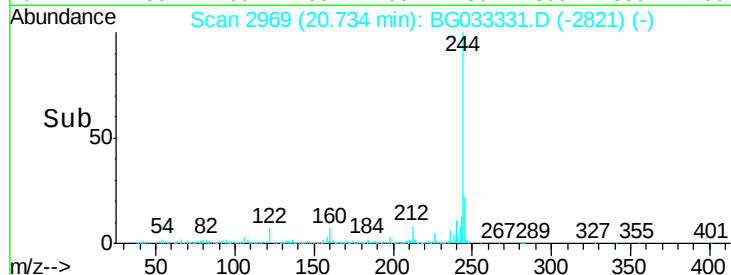
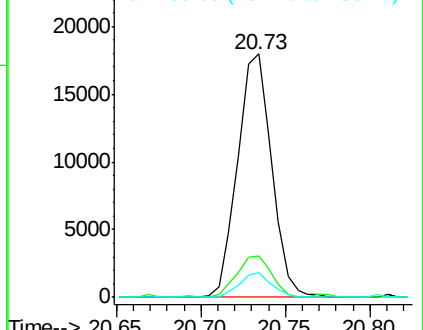
183 10.3 10.6 16.0#



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: 96.997 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.02 min

Lab File: BG033331.D

Acq: 26 Mar 2018 16:10

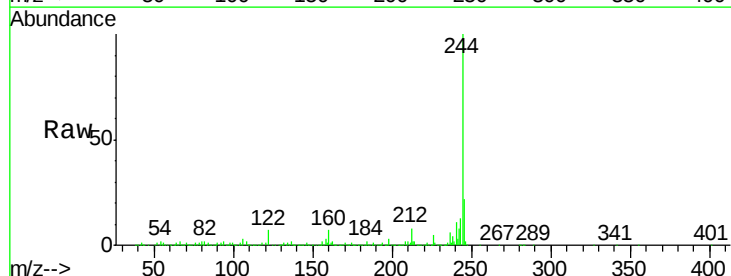
Tgt Ion:244 Resp: 1563880

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

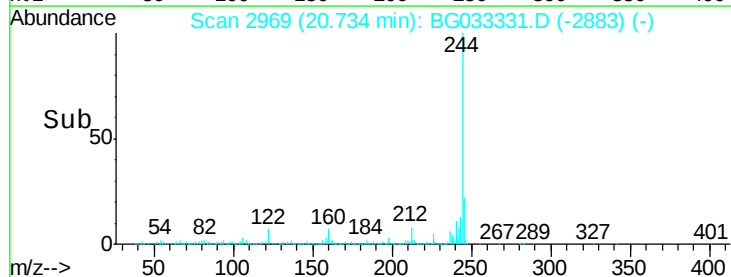
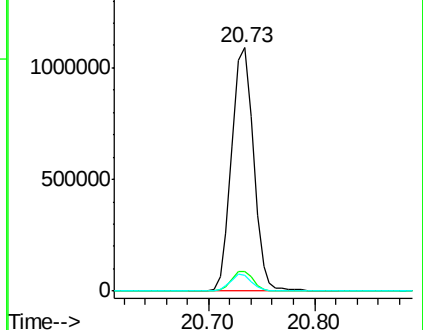
122 6.6 7.0 10.4#

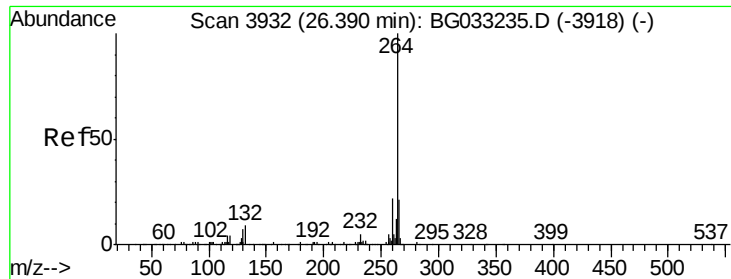


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3919
 Delta R.T. -0.07 min
 Lab File: BG033331.D
 Acq: 26 Mar 2018 16:10

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-031918

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.5	17.4	26.0
265	20.0	17.7	26.5

