

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033517.D
 Acq On : 3 Apr 2018 9:42
 Operator : SJ/JU
 Sample : J2114-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 14:51:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

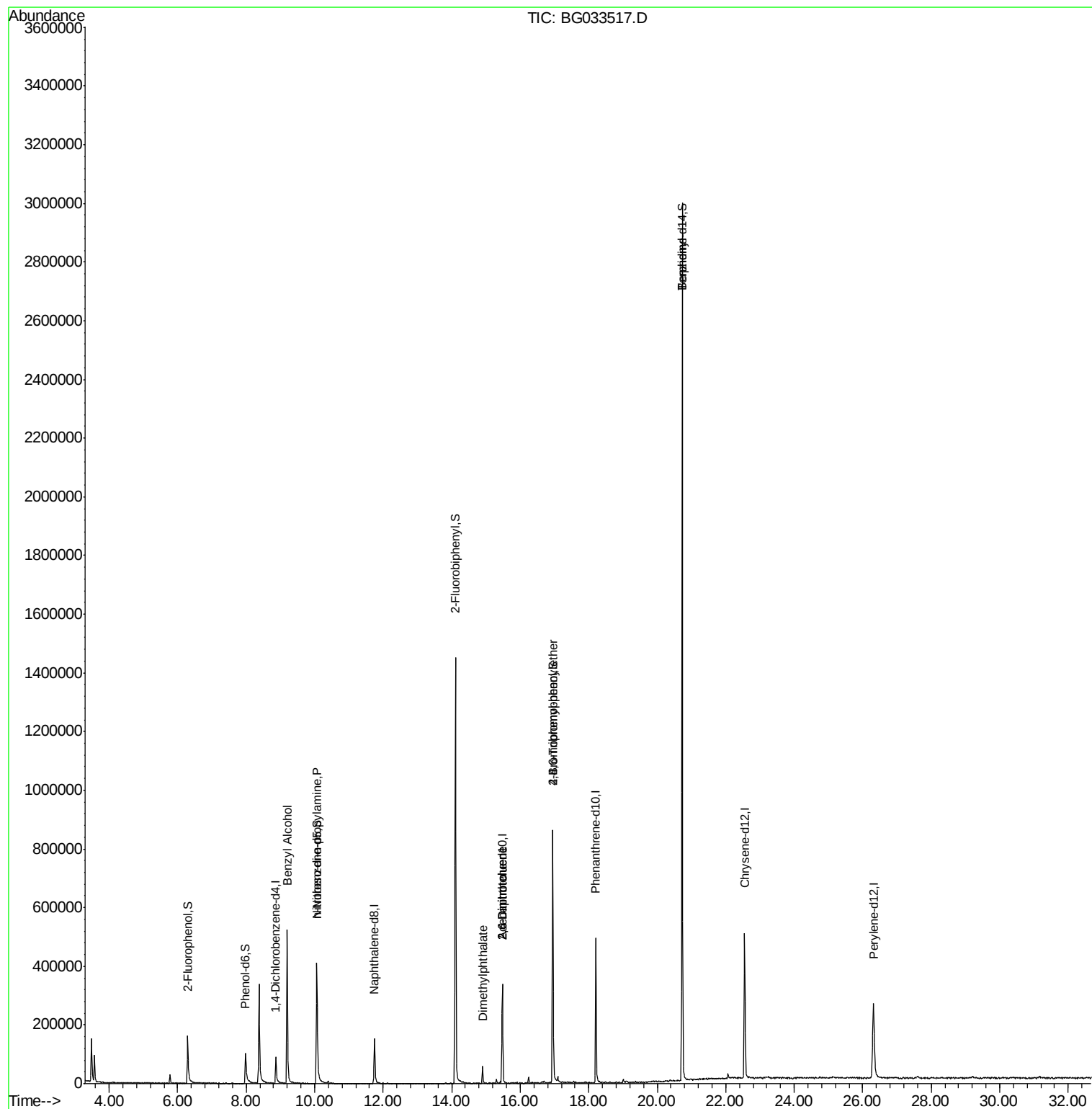
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	33775	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	152113	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	129790	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	349707	20.00	ng	0.00
75) Chrysene-d12	22.56	240	355052	20.00	ng	0.00
86) Perylene-d12	26.32	264	372951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	85380	47.40	ng	0.00
7) Phenol-d6	7.98	99	89694	28.98	ng	0.00
23) Nitrobenzene-d5	10.06	82	317112	95.78	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	177472	91.43	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	829139	92.22	ng	0.00
78) Terphenyl-d14	20.73	244	1467378	88.39	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6048	2.482	ng	# 64
19) n-Nitroso-di-n-propylamine	10.06	70	44709	19.715	ng	# 79
49) Dimethylphthalate	14.90	163	38525	3.411	ng	# 98
50) 2,6-Dinitrotoluene	15.48	165	16689	7.226	ng	# 21
56) 2,4-Dinitrotoluene	15.48	165	16689	4.908	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	13395	3.262	ng	# 1
76) Benizidine	20.73	184	24311	2.525	ng	# 91

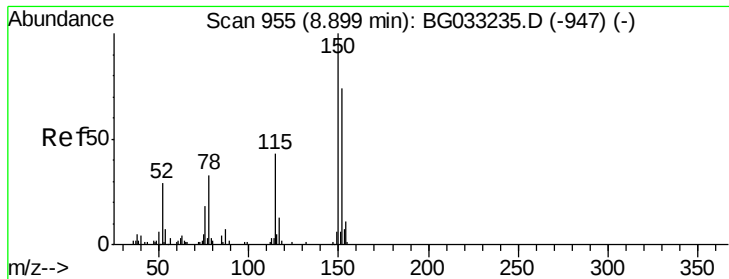
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040318\
Data File : BG033517.D
Acq On : 3 Apr 2018 9:42
Operator : SJ/JU
Sample : J2114-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 03 14:51:05 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 14:50:26 2018
Response via : Initial Calibration



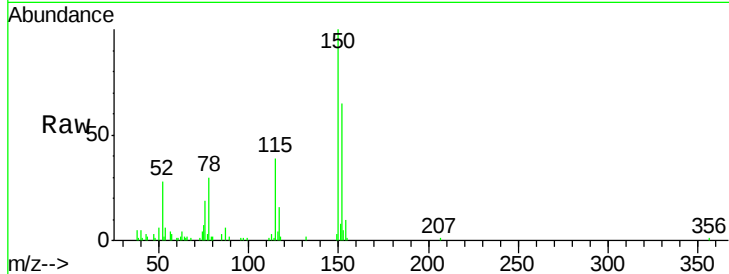


#1

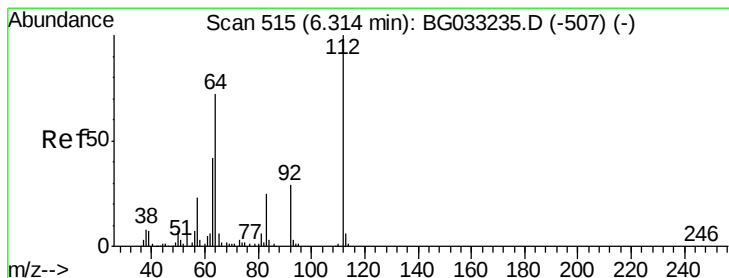
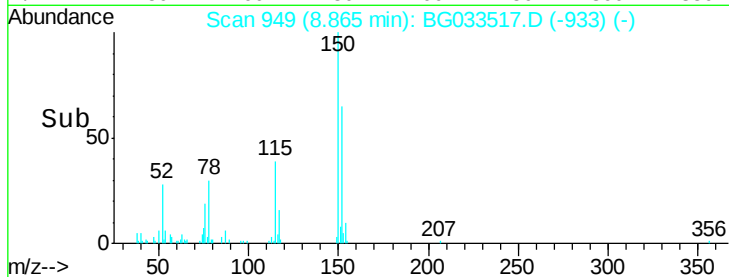
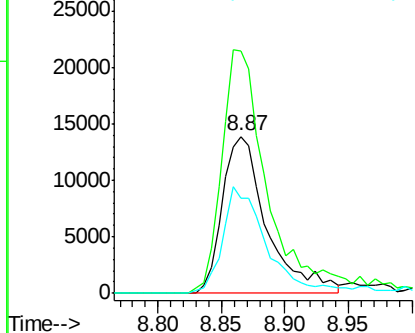
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033517.D
Acq: 3 Apr 2018 9:42

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.6	189.8
115	60.7	53.0	79.4



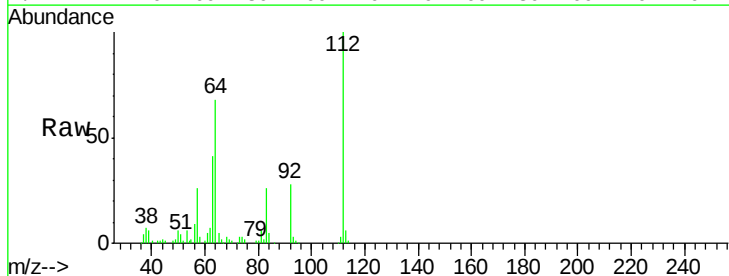
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



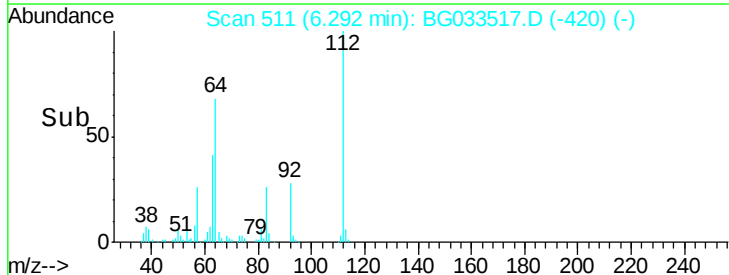
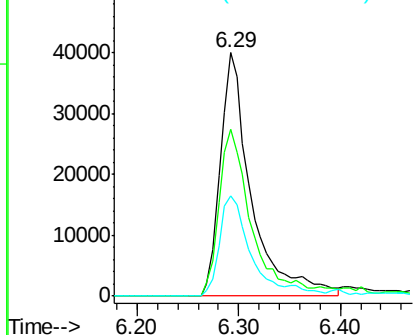
#5

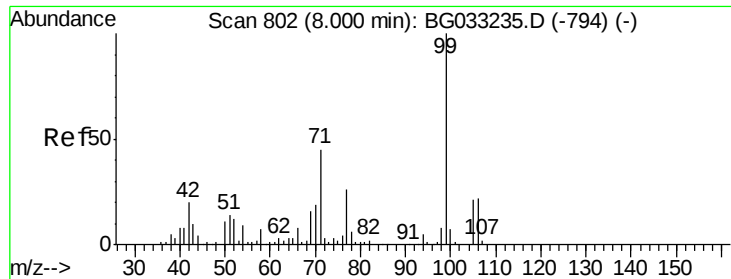
2-Fluorophenol
Concen: 47.401 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033517.D
Acq: 3 Apr 2018 9:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	56.3	84.5
63	40.9	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: 28.982 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033517.D

Acq: 3 Apr 2018 9:42

Instrument :

BNA_G

ClientSampleId :

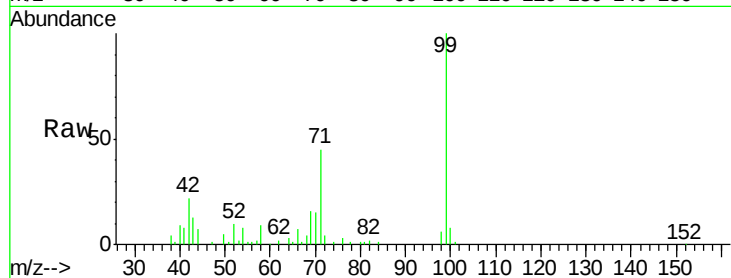
Tot Ion: 99 Resp: 89694

Ion Ratio Lower Upper

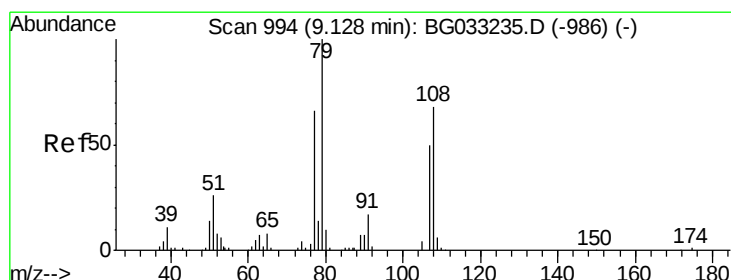
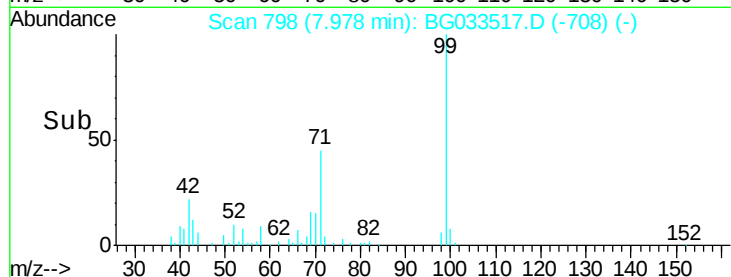
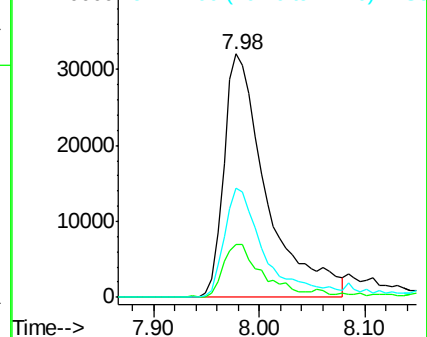
99 100

42 21.9 14.1 21.1#

71 45.1 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: 2.482 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033517.D

Acq: 3 Apr 2018 9:42

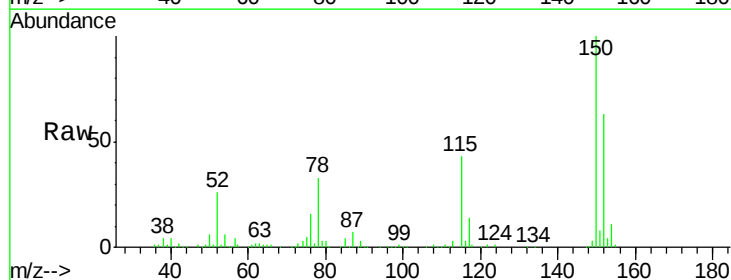
Tgt Ion: 79 Resp: 6048

Ion Ratio Lower Upper

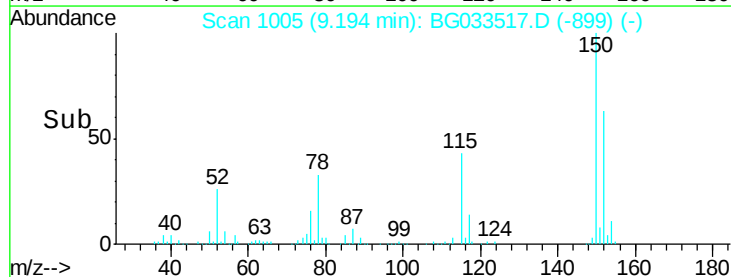
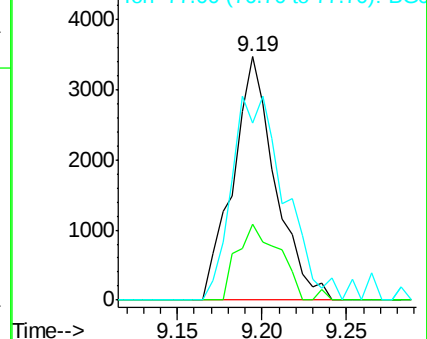
79 100

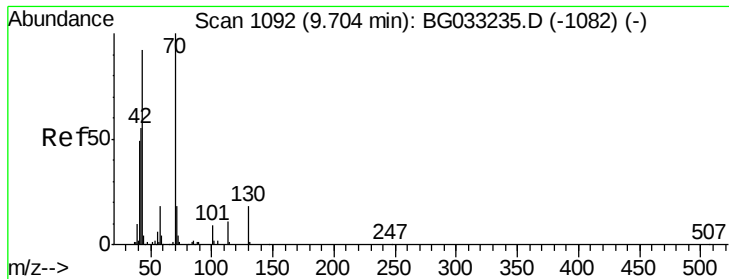
108 31.1 57.2 85.8#

77 72.7 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

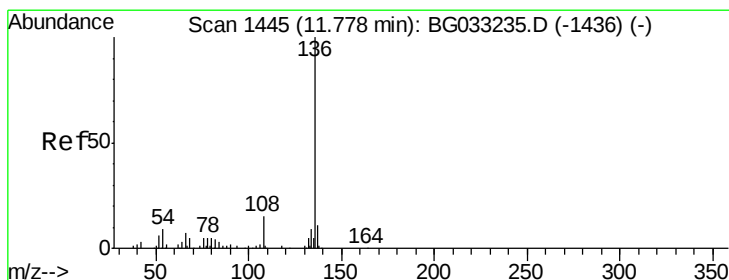
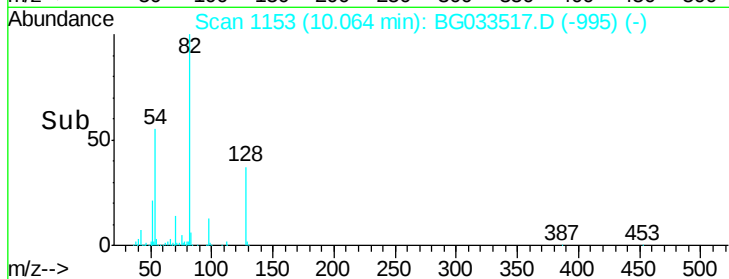
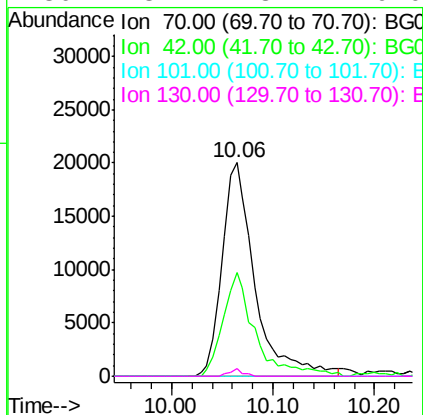
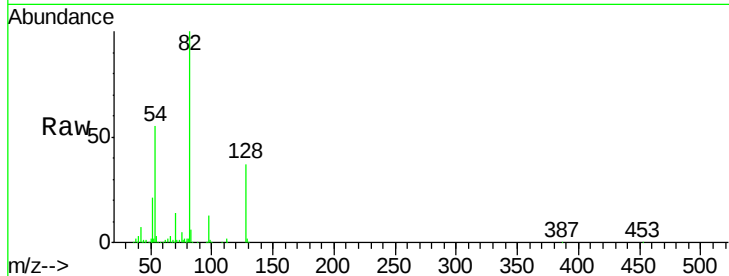




#19
 n-Nitroso-di-n-propylamine
 Concen: 19.715 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.40 min
 Lab File: BG033517.D
 Acq: 3 Apr 2018 9:42

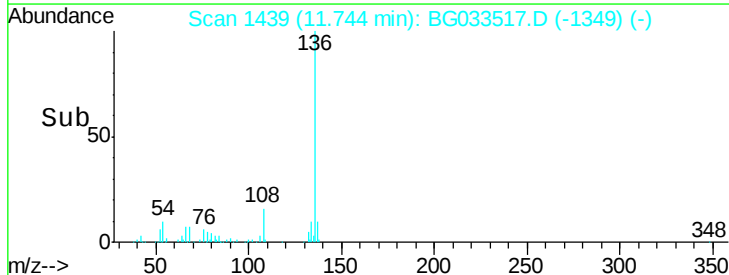
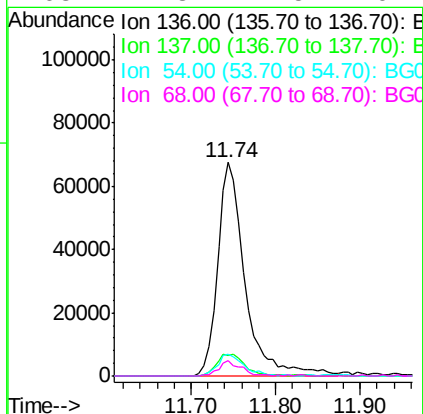
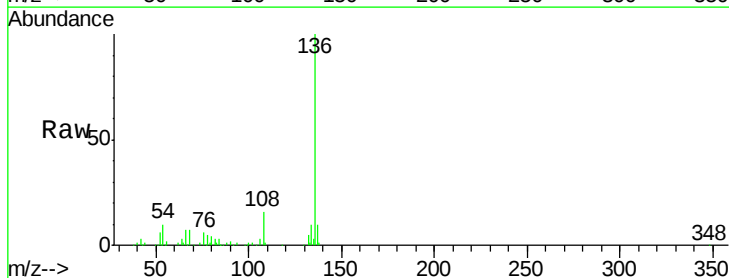
Instrument :
 BNA_G
 ClientSampleId :

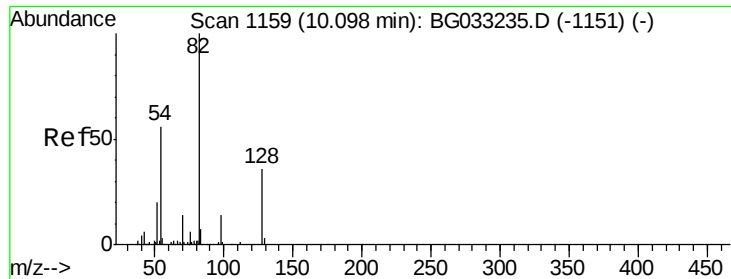
Tot Ion: 70 Resp: 44709
 Ion Ratio Lower Upper
 70 100
 42 48.6 49.1 73.7#
 101 0.0 8.5 12.7#
 130 3.4 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BG033517.D
 Acq: 3 Apr 2018 9:42

Tgt Ion: 136 Resp: 152113
 Ion Ratio Lower Upper
 136 100
 137 9.9 9.2 13.8
 54 10.3 10.3 15.5
 68 7.3 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 95.780 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033517.D

Acq: 3 Apr 2018 9:42

Instrument :

BNA_G

ClientSampleId :

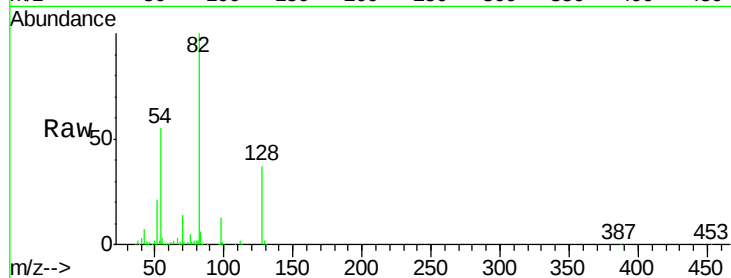
Tot Ion: 82 Resp: 317112

Ion Ratio Lower Upper

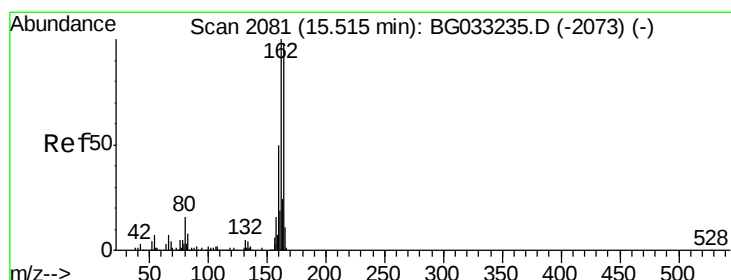
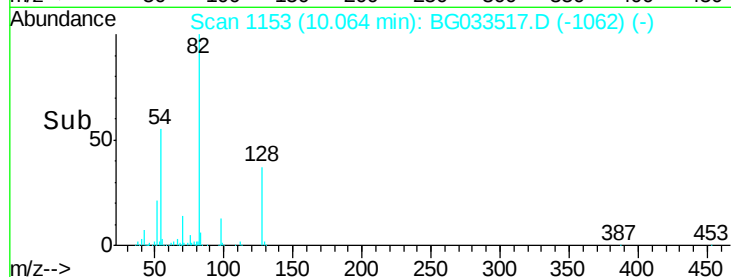
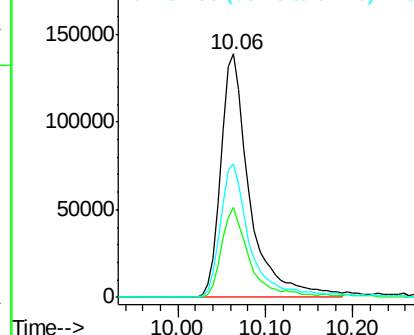
82 100

128 36.9 29.7 44.5

54 55.1 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. 0.00 min

Lab File: BG033517.D

Acq: 3 Apr 2018 9:42

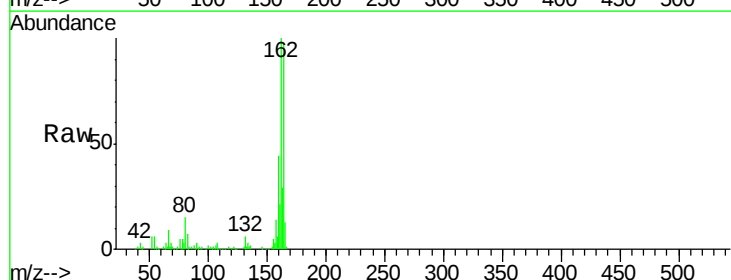
Tgt Ion: 164 Resp: 129790

Ion Ratio Lower Upper

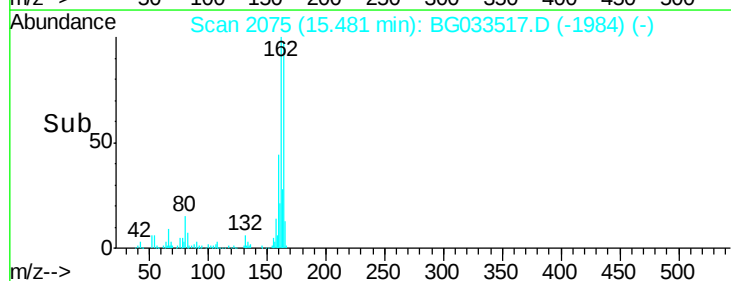
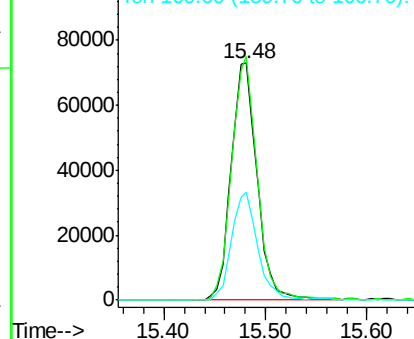
164 100

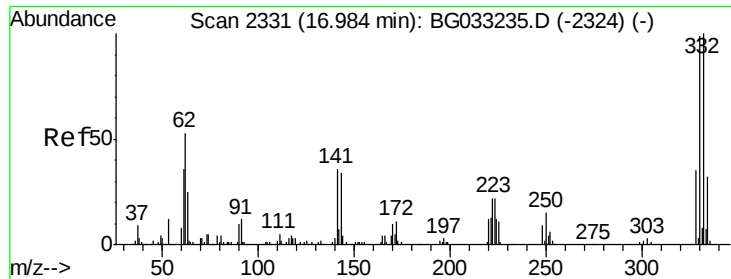
162 102.9 78.8 118.2

160 45.4 35.4 53.0



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

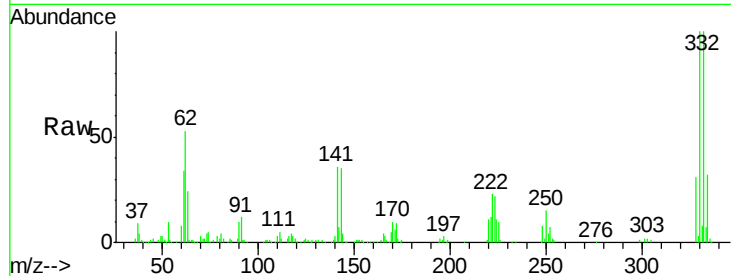




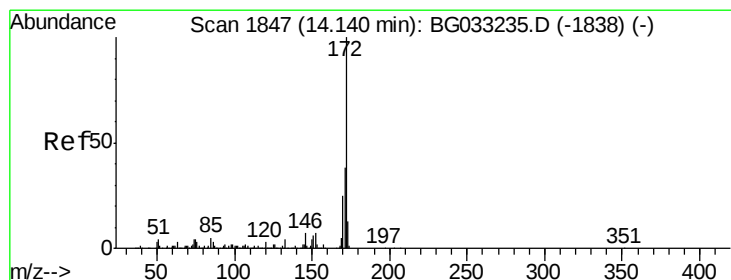
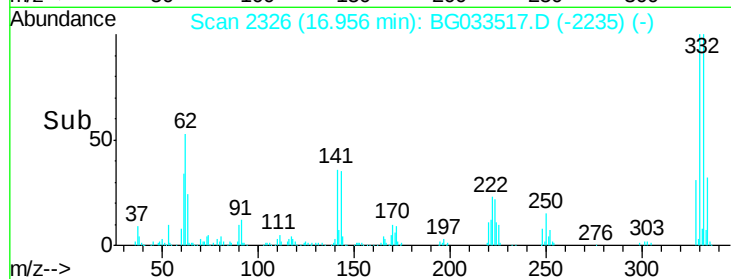
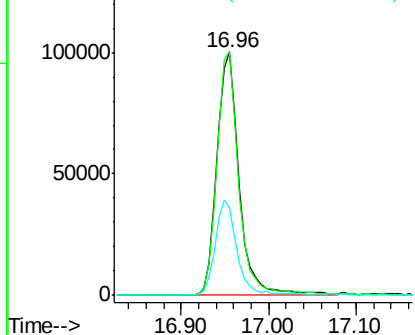
#41
 2,4,6-Tribromophenol
 Concen: 91.426 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033517.D
 Acq: 3 Apr 2018 9:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 177472
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 38.3 25.2 37.8#

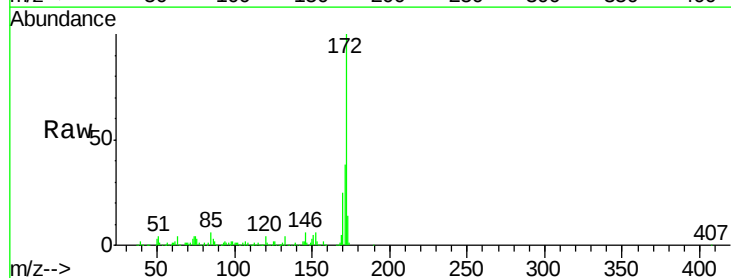


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

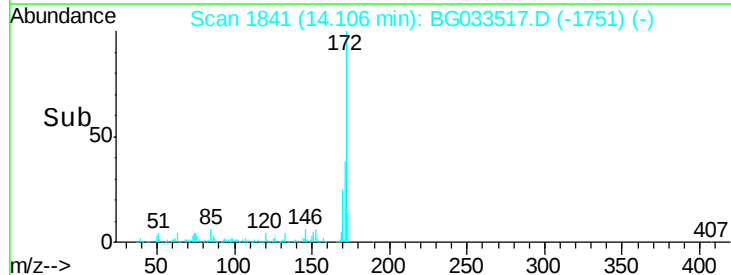
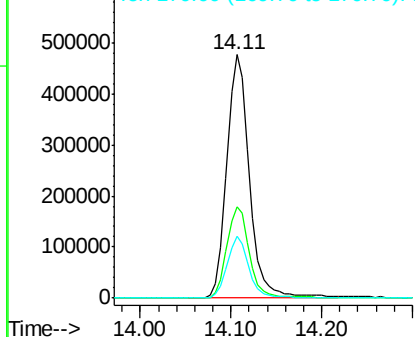


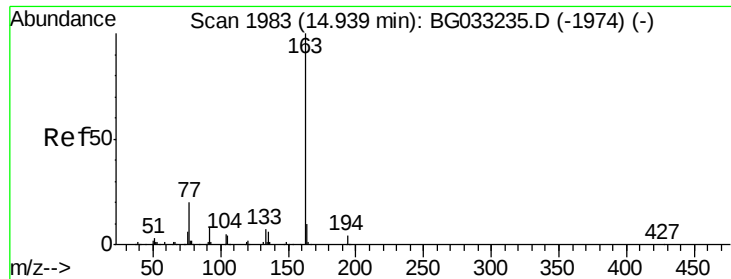
#44
 2-Fluorobiphenyl
 Concen: 92.224 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033517.D
 Acq: 3 Apr 2018 9:42

Tgt Ion:172 Resp: 829139
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 25.4 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





#49

Dimethylphthalate

Concen: 3.411 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG033517.D

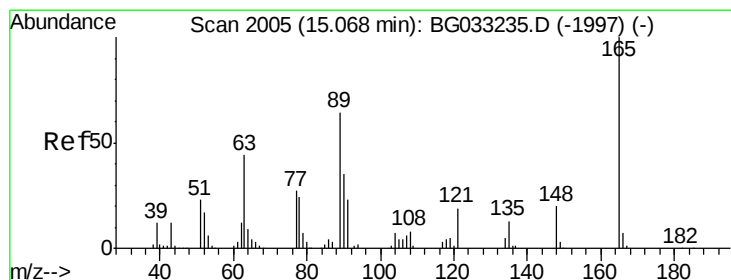
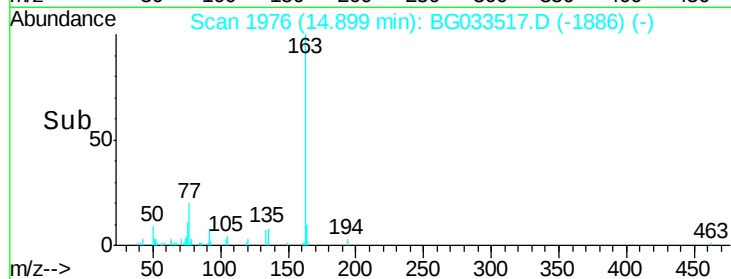
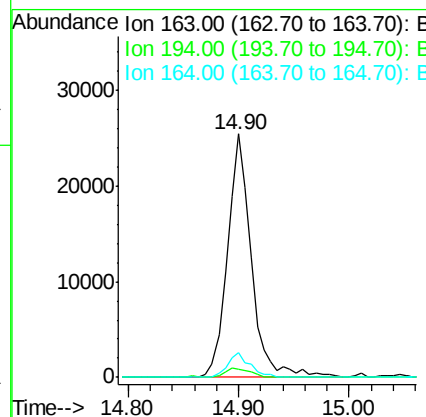
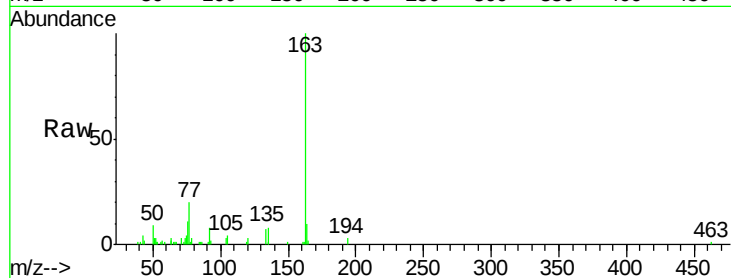
Acq: 3 Apr 2018 9:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	163	Resp:	38525
Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.4	5.2#
164	10.0	8.2	12.4



#50

2,6-Dinitrotoluene

Concen: 7.226 ng

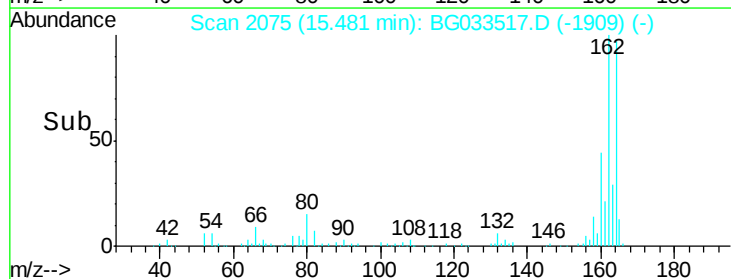
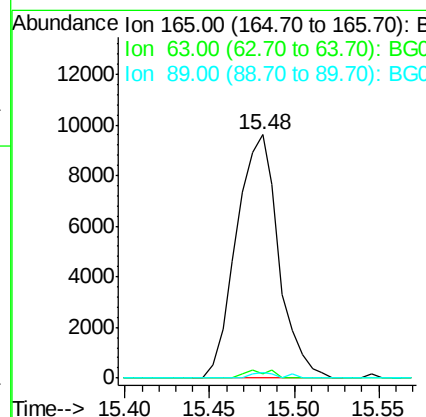
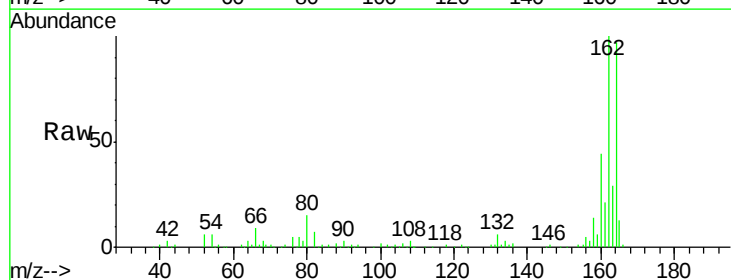
RT: 15.48 min Scan# 2075

Delta R.T. 0.44 min

Lab File: BG033517.D

Acq: 3 Apr 2018 9:42

Tgt Ion:	165	Resp:	16689
Ion	Ratio	Lower	Upper
165	100		
63	1.9	52.7	79.1#
89	2.2	49.2	73.8#

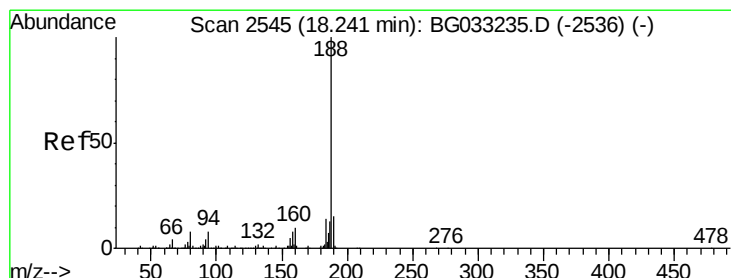
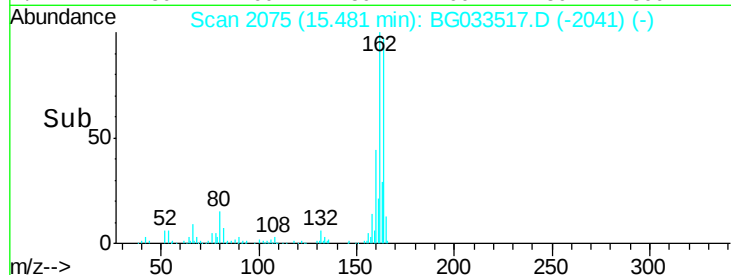
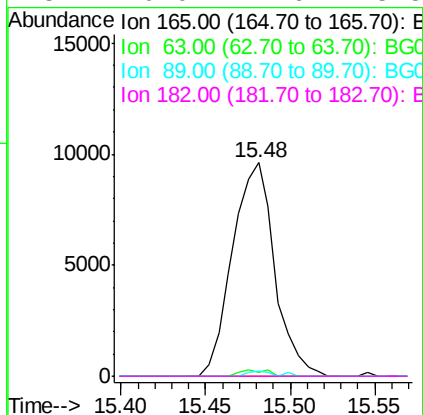
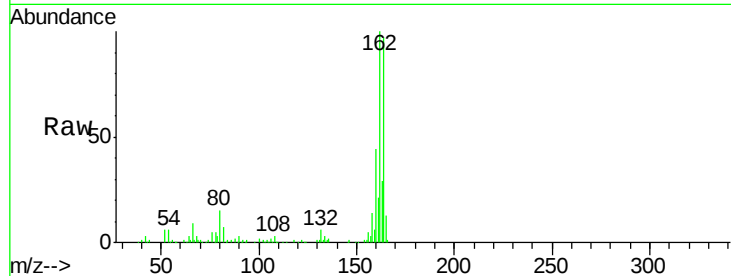




#56
 2,4-Dinitrotoluene
 Concen: 4.908 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.33 min
 Lab File: BG033517.D
 Acq: 3 Apr 2018 9:42

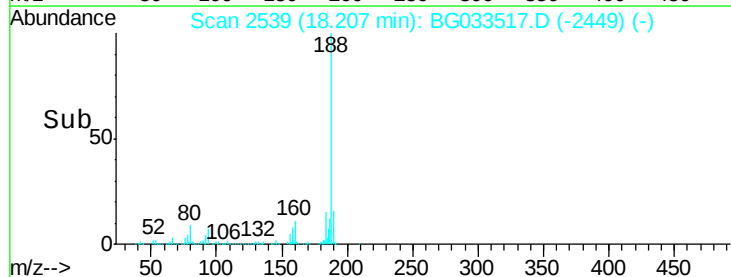
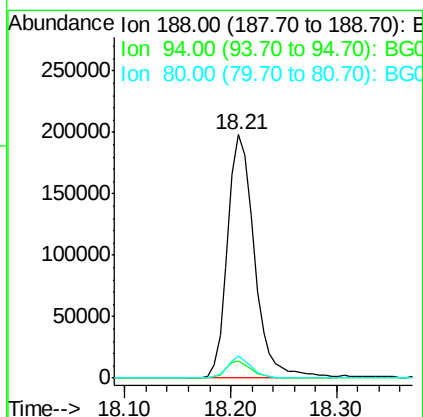
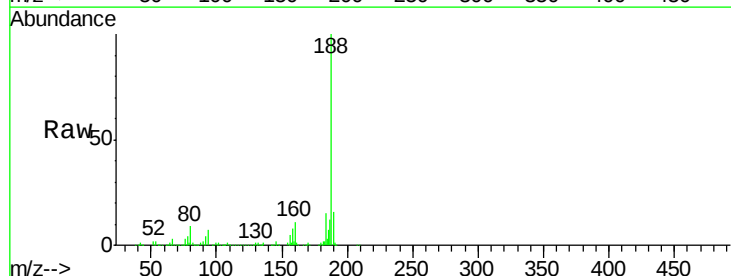
Instrument :
 BNA_G
 ClientSampleId :

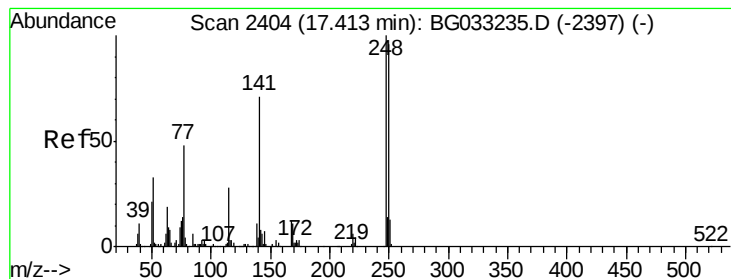
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG033517.D
 Acq: 3 Apr 2018 9:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	9.0	7.7	11.5





#66

4-Bromophenyl-phenylether

Concen: 3.262 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.43 min

Lab File: BG033517.D

Acq: 3 Apr 2018 9:42

Instrument :

BNA_G

ClientSampled :

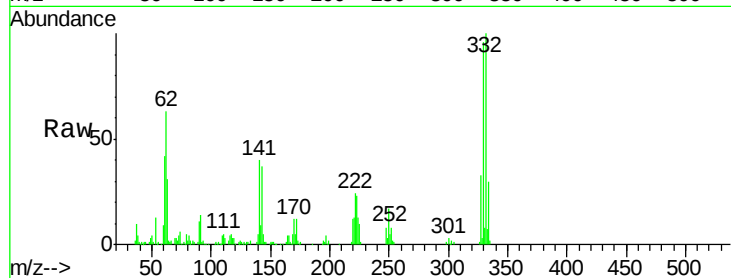
Tot Ion:248 Resp: 13395

Ion Ratio Lower Upper

248 100

250 203.6 77.1 115.7#

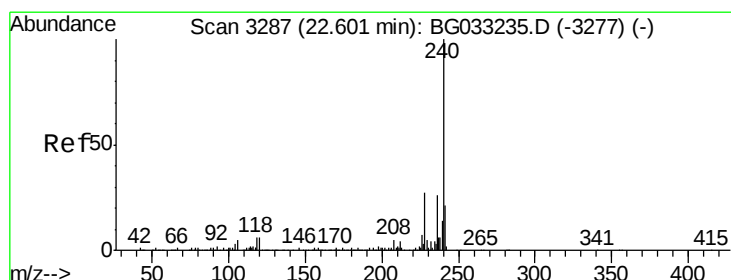
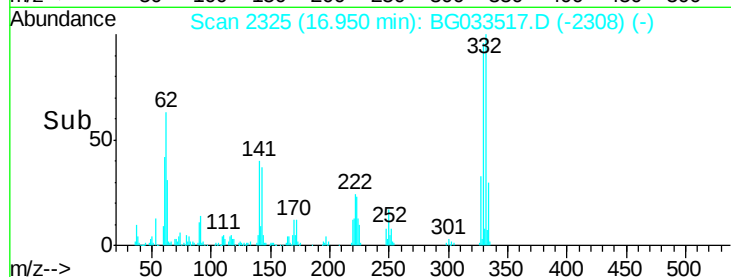
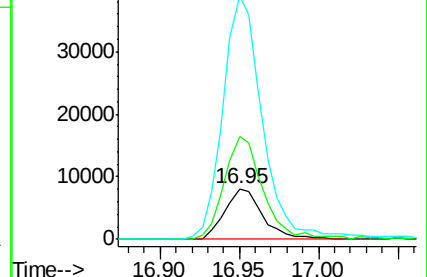
141 483.2 50.8 76.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033517.D

Acq: 3 Apr 2018 9:42

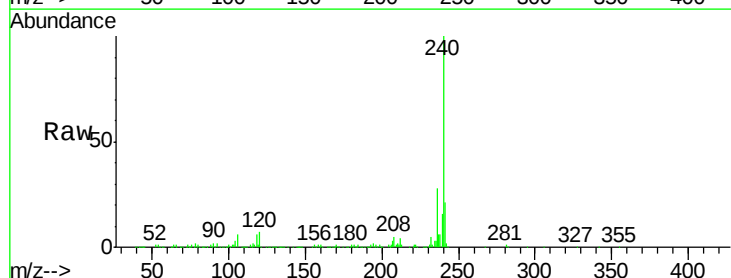
Tgt Ion:240 Resp: 355052

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

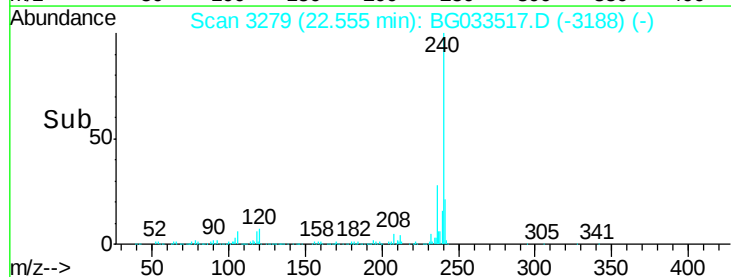
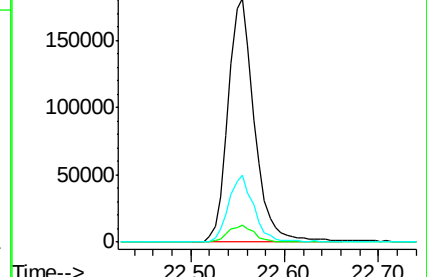
236 27.6 20.9 31.3

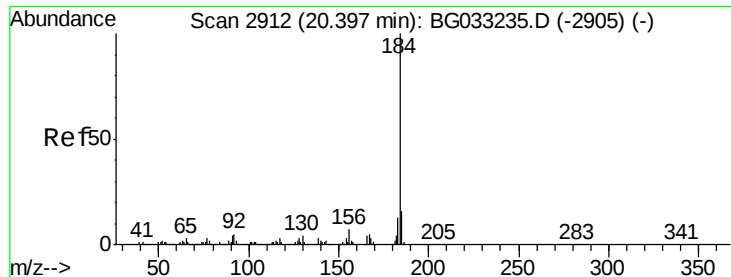


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.525 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033517.D

Acq: 3 Apr 2018 9:42

Instrument :

BNA_G

ClientSampleId :

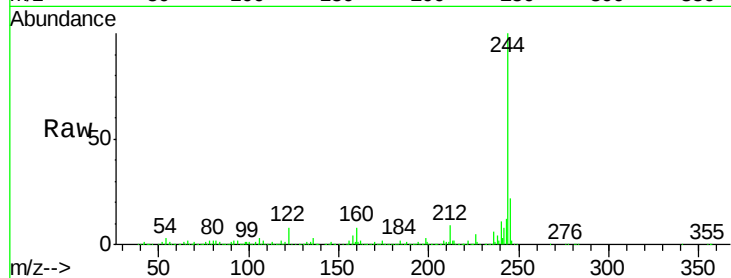
Tot Ion:184 Resp: 24311

Ion Ratio Lower Upper

184 100

185 18.0 11.1 16.7#

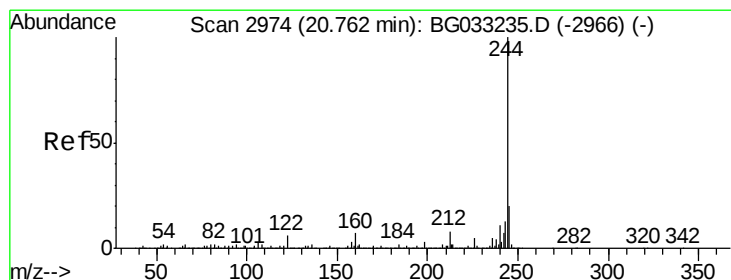
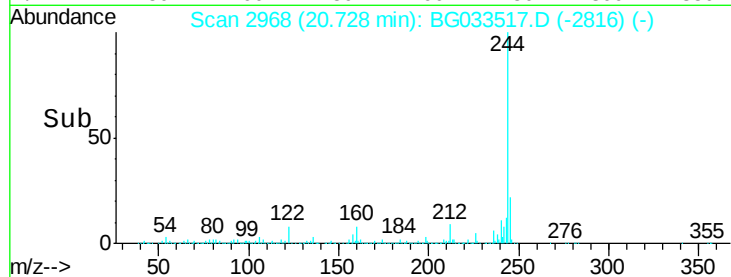
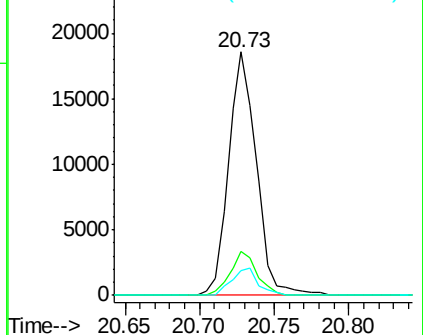
183 10.1 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 88.385 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033517.D

Acq: 3 Apr 2018 9:42

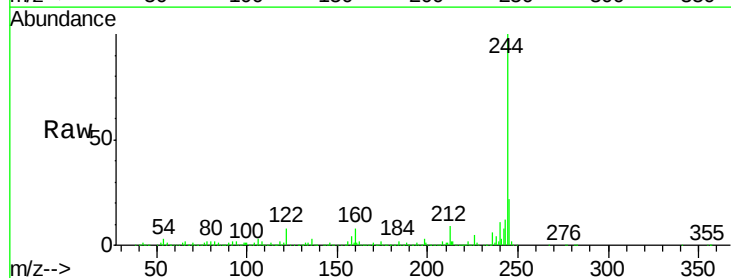
Tgt Ion:244 Resp: 1467378

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

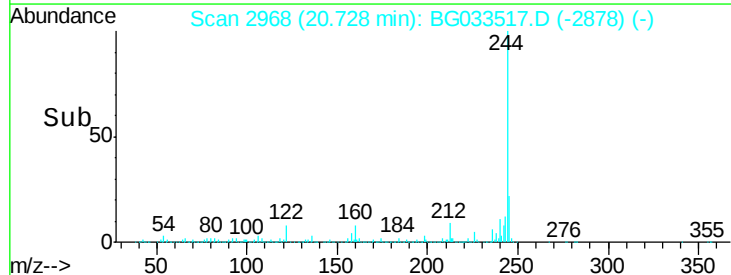
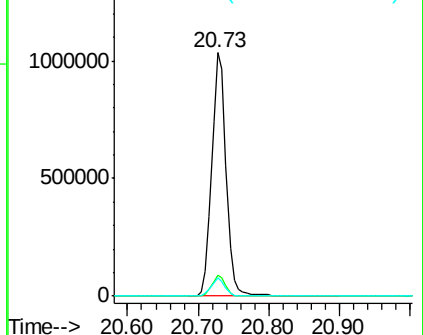
122 7.5 7.0 10.4



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: 26.32 min Scan# 3919
Delta R.T. -0.00 min
Lab File: BG033517.D
Acq: 3 Apr 2018 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.9	17.7	26.5

