

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033500.D
 Acq On : 2 Apr 2018 23:08
 Operator : SJ/JU
 Sample : J2114-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 04:03:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

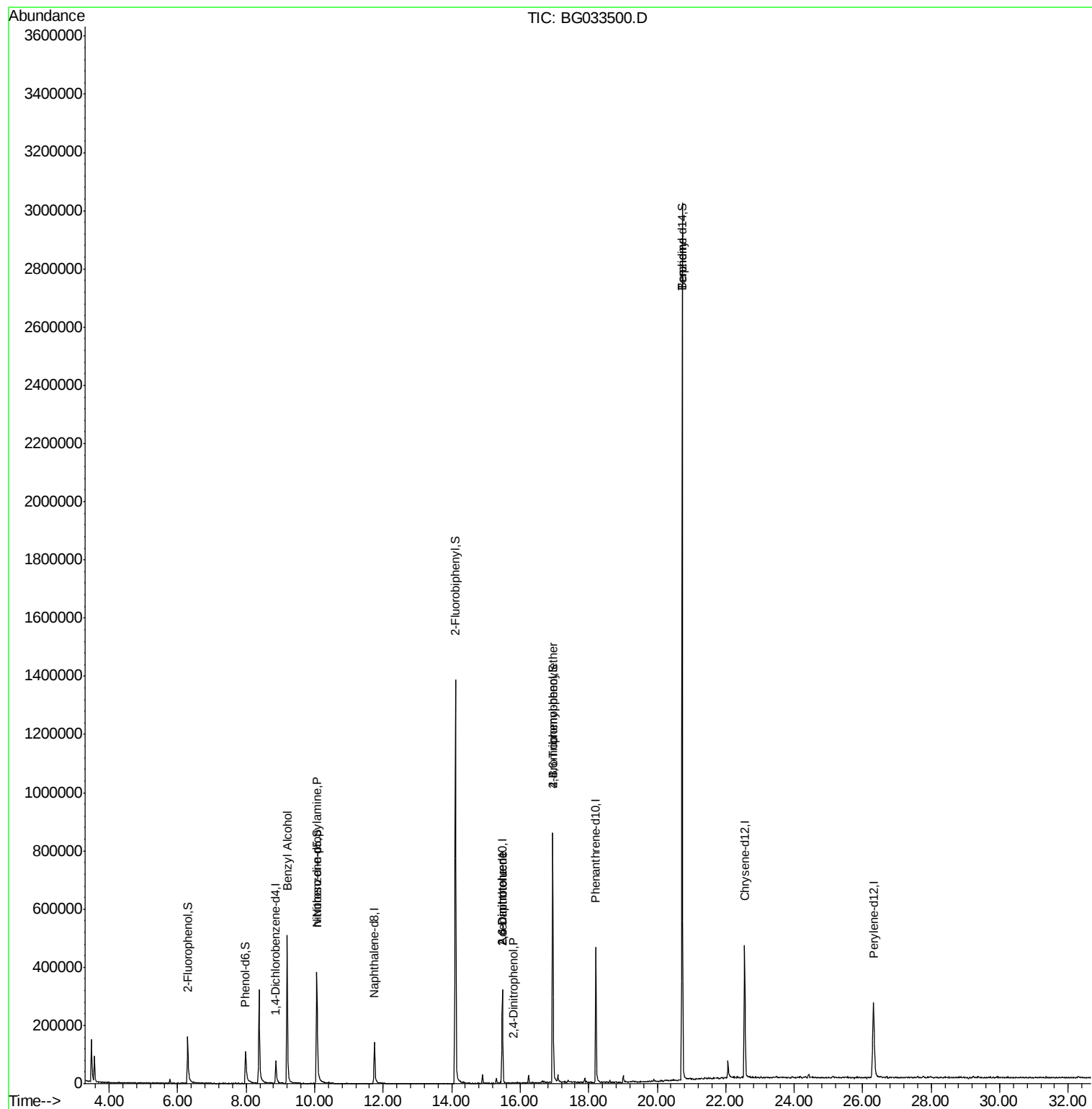
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31495	20.00	ng	-0.02
21) Naphthalene-d8	11.74	136	143564	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	121981	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	334218	20.00	ng	0.00
75) Chrysene-d12	22.56	240	335705	20.00	ng	0.00
86) Perylene-d12	26.32	264	363631	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	90019	53.59	ng	0.00
7) Phenol-d6	7.98	99	98047	33.97	ng	0.00
23) Nitrobenzene-d5	10.06	82	319958	102.39	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	175226	96.05	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	811826	96.08	ng	0.00
78) Terphenyl-d14	20.73	244	1501327	95.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5131	2.258	ng	# 51
19) n-Nitroso-di-n-propylamine	10.06	70	43466	20.554	ng	# 74
50) 2,6-Dinitrotoluene	15.48	165	15257	7.029	ng	# 20
53) 2,4-Dinitrophenol	15.82	184	63	7.694	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	15257	4.774	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	14088	3.589	ng	# 1
76) Benizidine	20.73	184	25919	2.847	ng	# 90

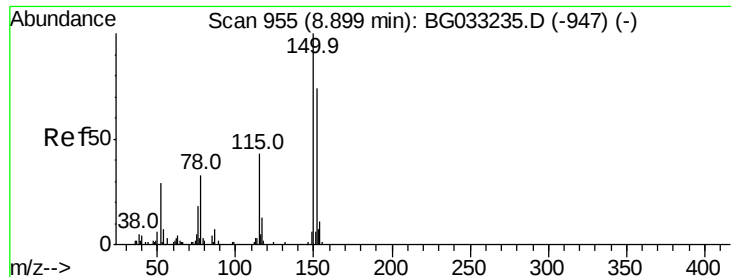
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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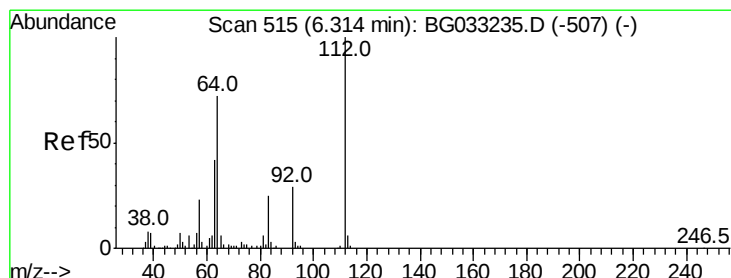
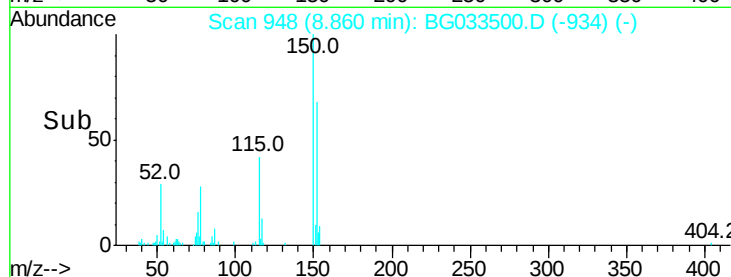
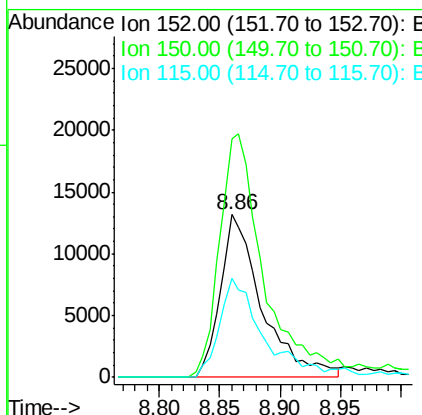
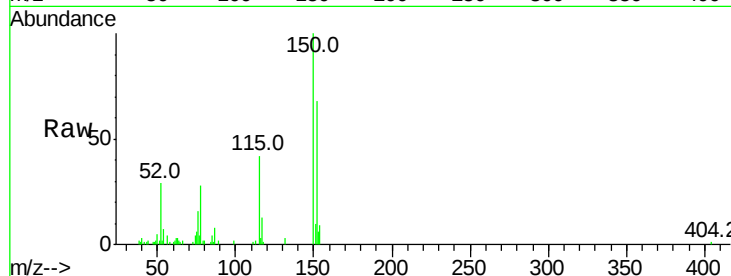


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG033500.D
Acq: 2 Apr 2018 23:08

Instrument :
BNA_G
ClientSampleId :

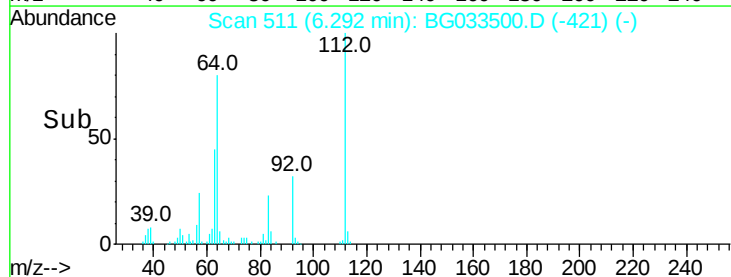
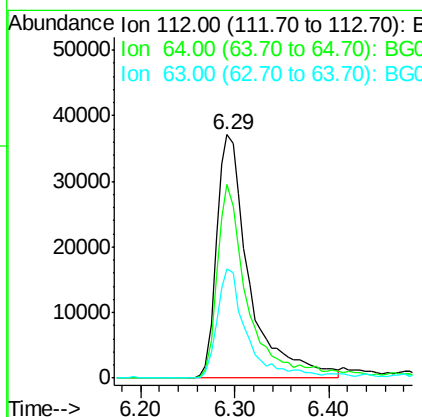
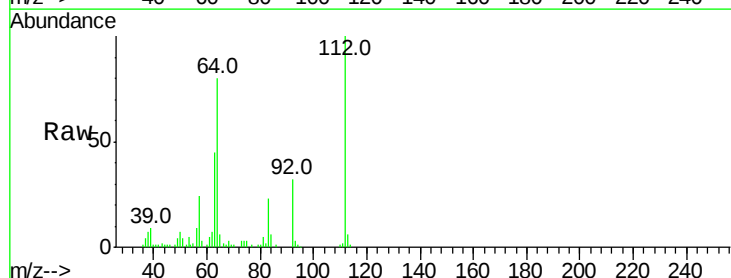
Tot Ion:152 Resp: 31495
Ion Ratio Lower Upper
152 100
150 146.2 126.6 189.8
115 60.8 53.0 79.4

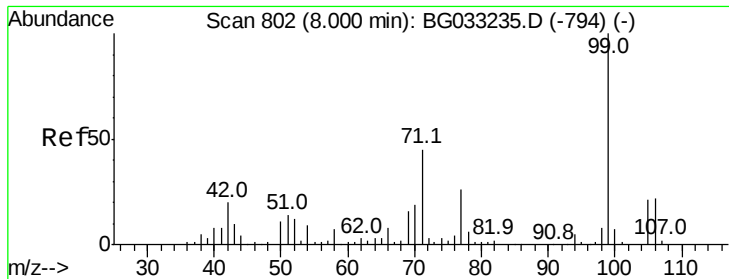


#5

2-Fluorophenol
Concen: 53.595 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033500.D
Acq: 2 Apr 2018 23:08

Tgt Ion:112 Resp: 90019
Ion Ratio Lower Upper
112 100
64 79.8 56.3 84.5
63 44.9 30.1 45.1





#7

Phenol-d6

Concen: 33.974 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033500.D

Acq: 2 Apr 2018 23:08

Instrument :

BNA_G

ClientSampled :

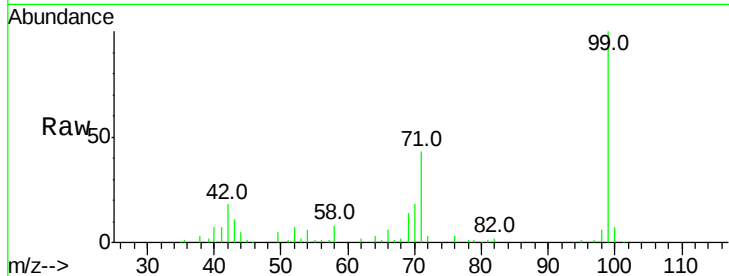
Tot Ion: 99 Resp: 98047

Ion Ratio Lower Upper

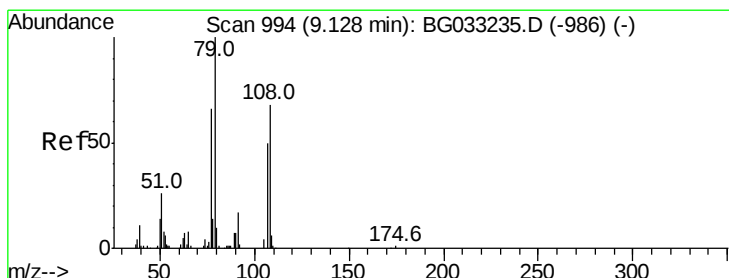
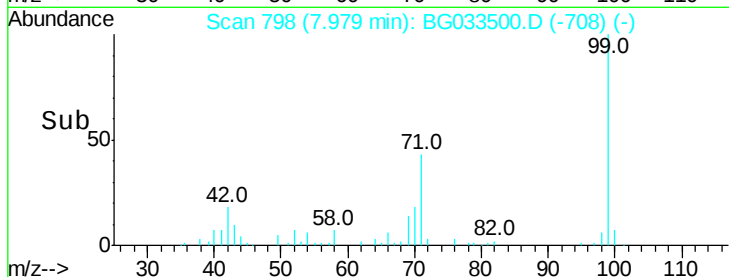
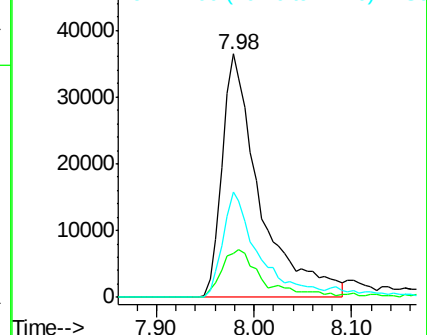
99 100

42 18.1 14.1 21.1

71 43.2 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: 2.258 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033500.D

Acq: 2 Apr 2018 23:08

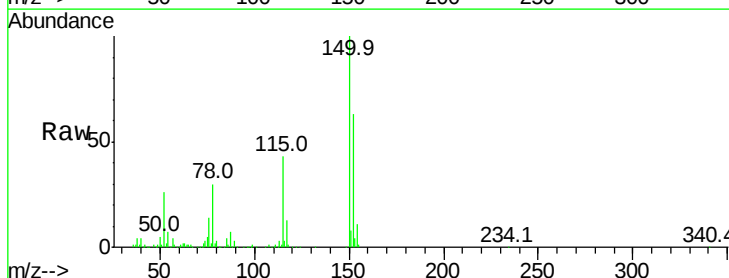
Tgt Ion: 79 Resp: 5131

Ion Ratio Lower Upper

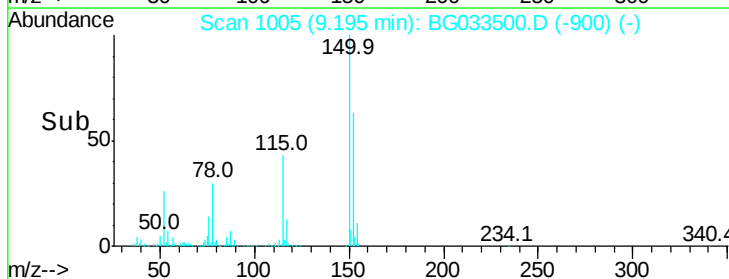
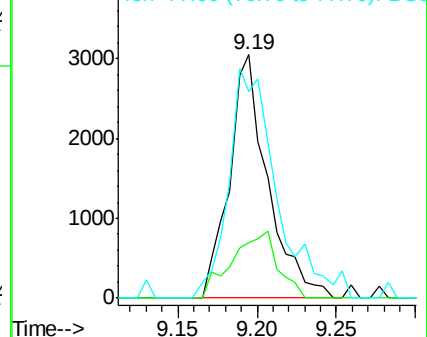
79 100

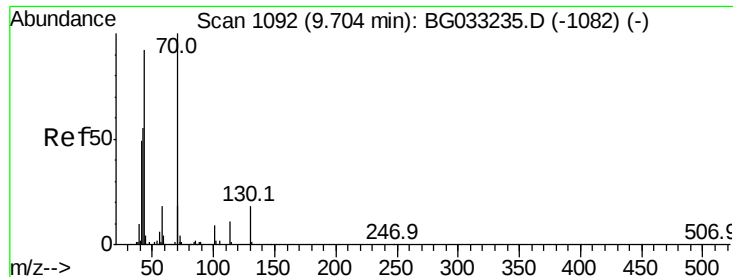
108 22.8 57.2 85.8#

77 84.7 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

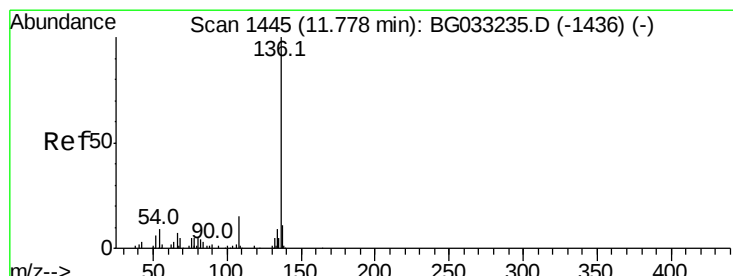
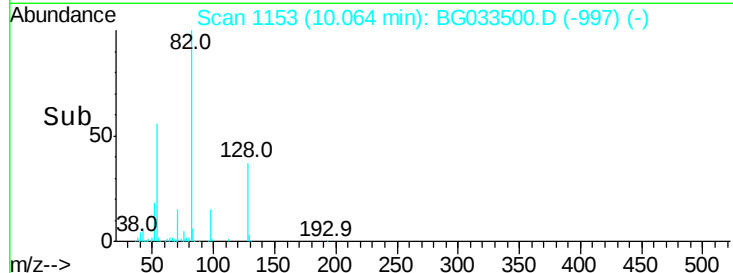
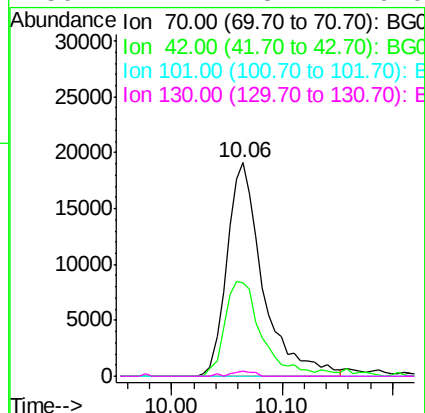
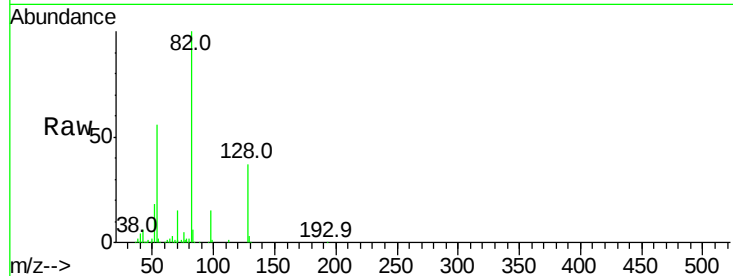




#19
n-Nitroso-di-n-propylamine
Concen: 20.554 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033500.D
Acq: 2 Apr 2018 23:08

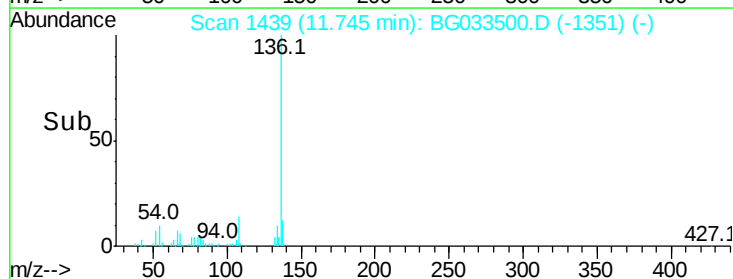
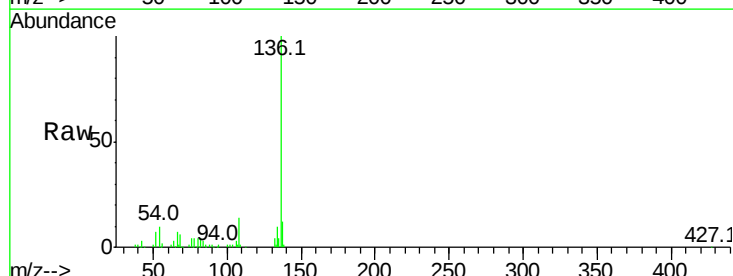
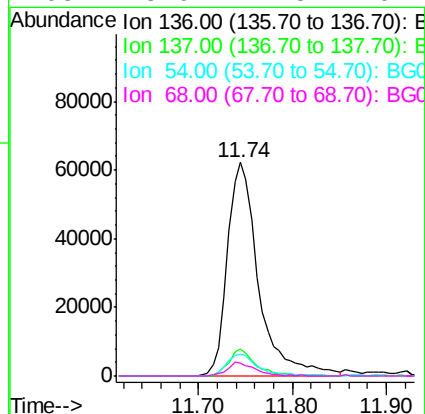
Instrument :
BNA_G
ClientSampleId :

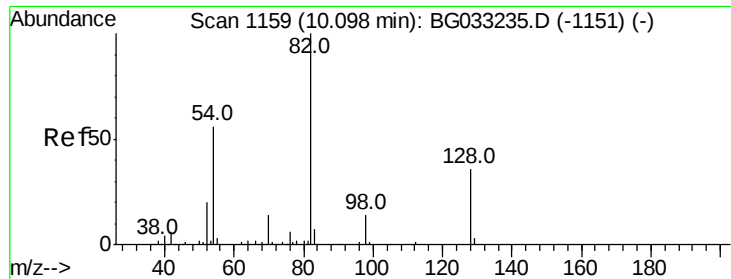
Tot Ion: 70 Resp: 43466
Ion Ratio Lower Upper
70 100
42 44.0 49.1 73.7#
101 0.0 8.5 12.7#
130 2.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033500.D
Acq: 2 Apr 2018 23:08

Tgt Ion: 136 Resp: 143564
Ion Ratio Lower Upper
136 100
137 12.4 9.2 13.8
54 10.3 10.3 15.5#
68 5.9 4.5 6.7



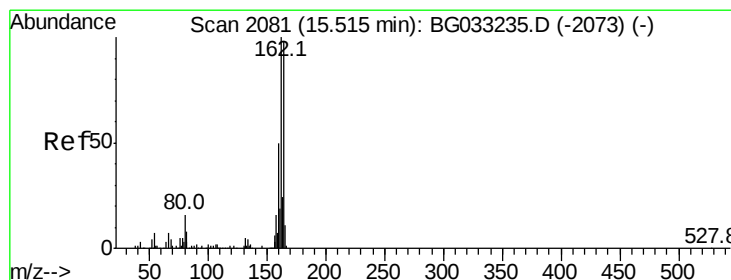
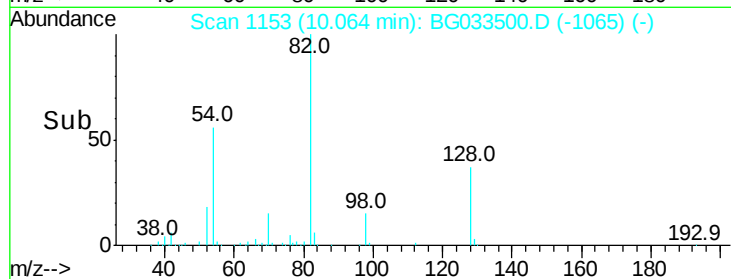
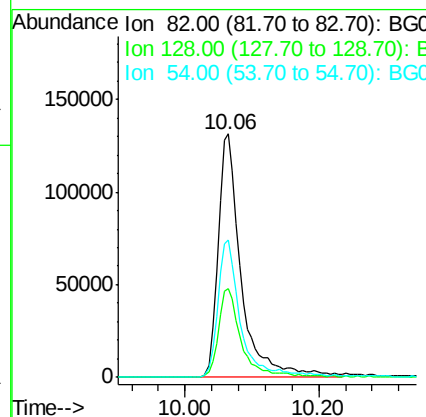
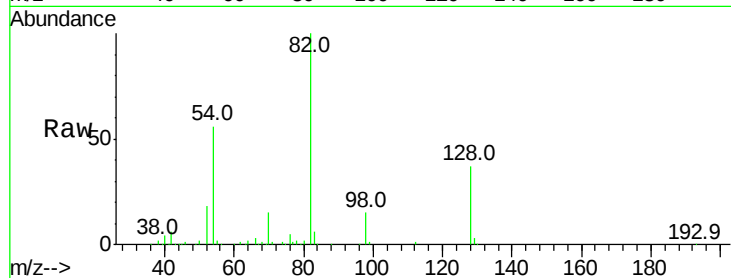


#23
 Nitrobenzene-d5
 Concen: 102.395 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033500.D
 Acq: 2 Apr 2018 23:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 319958

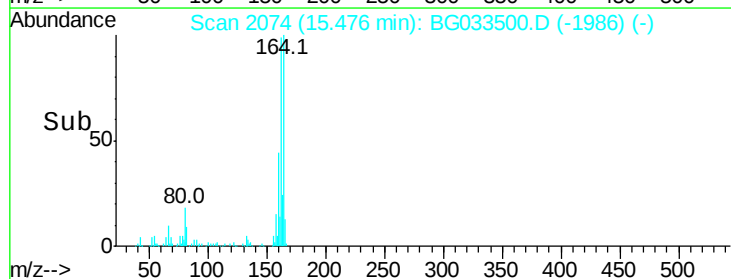
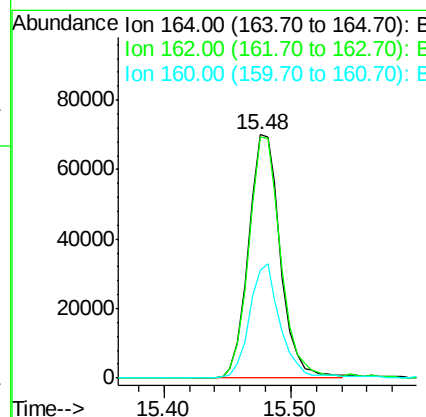
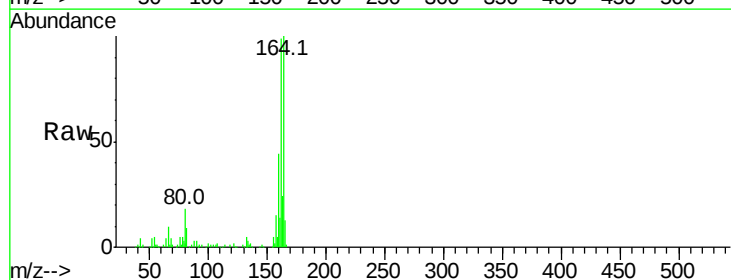
Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.7	44.5
54	56.3	43.1	64.7

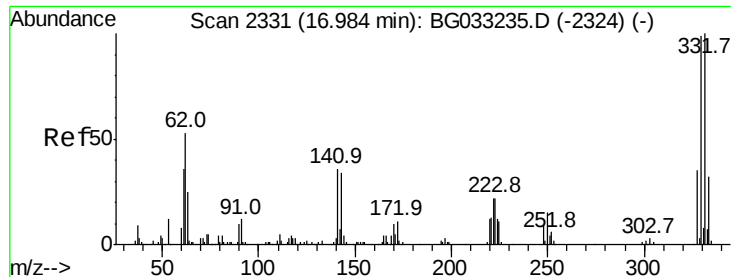


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033500.D
 Acq: 2 Apr 2018 23:08

Tgt Ion: 164 Resp: 121981

Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.8	118.2
160	44.2	35.4	53.0

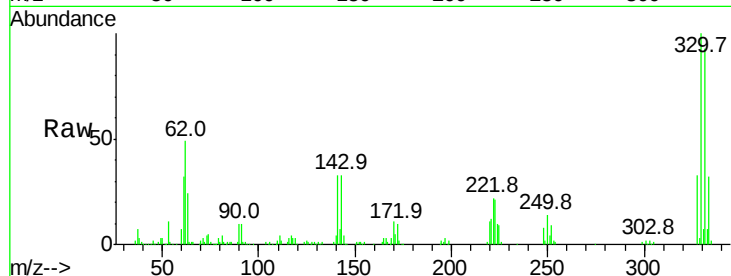




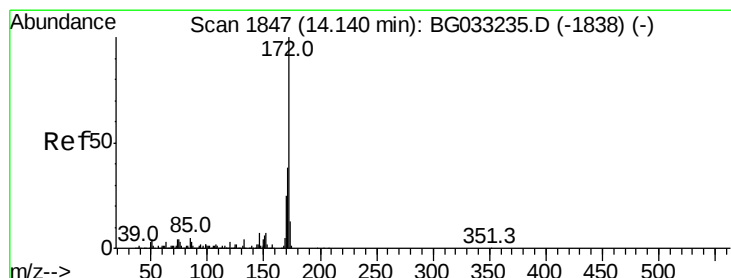
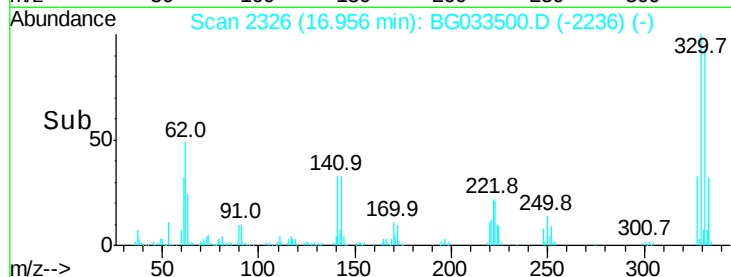
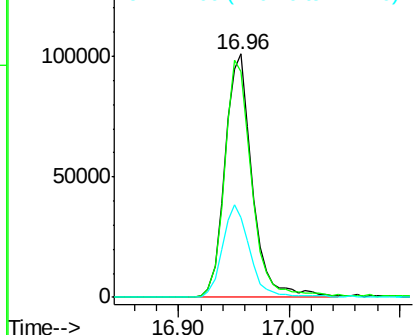
#41
 2,4,6-Tribromophenol
 Concen: 96.048 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033500.D
 Acq: 2 Apr 2018 23:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 175226
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 37.7 25.2 37.8

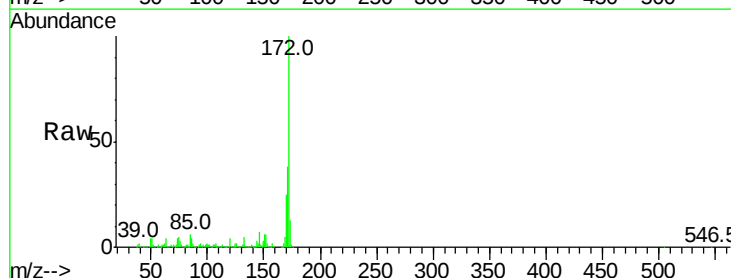


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

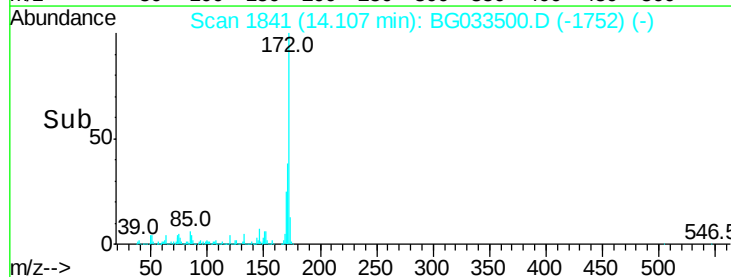
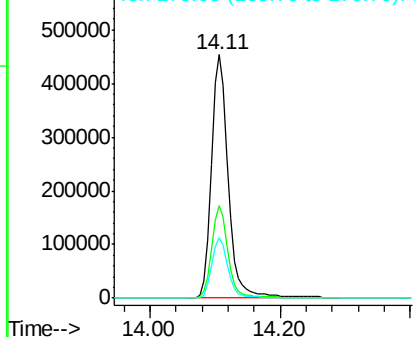


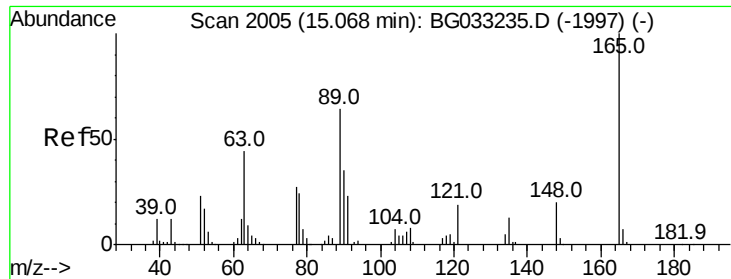
#44
 2-Fluorobiphenyl
 Concen: 96.079 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033500.D
 Acq: 2 Apr 2018 23:08

Tgt Ion:172 Resp: 811826
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 25.0 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

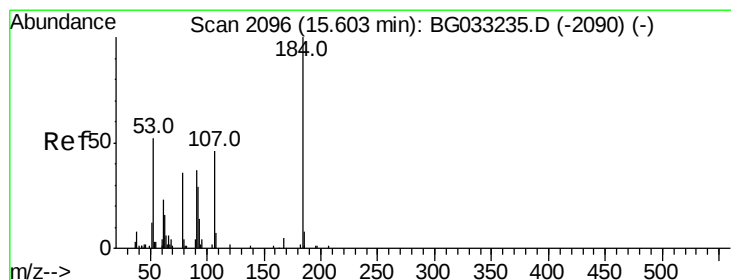
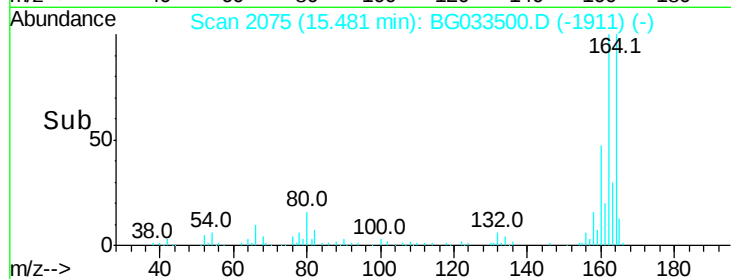
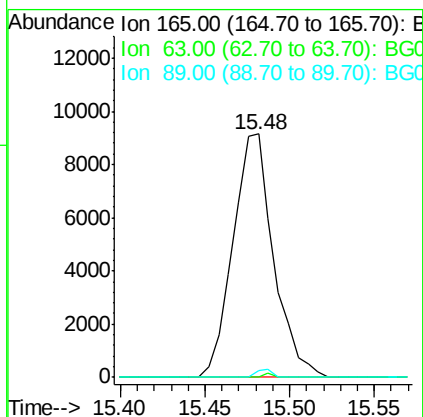
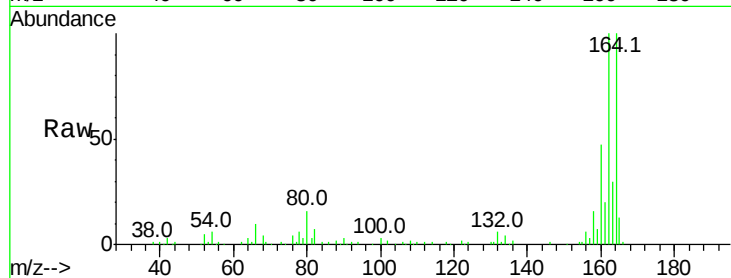




#50
 2,6-Dinitrotoluene
 Concen: 7.029 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033500.D
 Acq: 2 Apr 2018 23:08

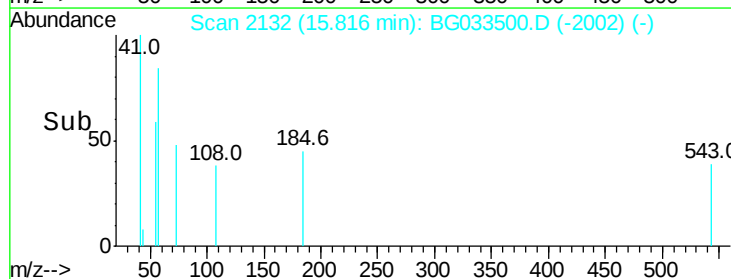
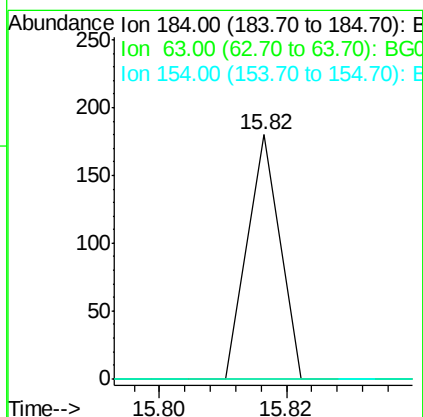
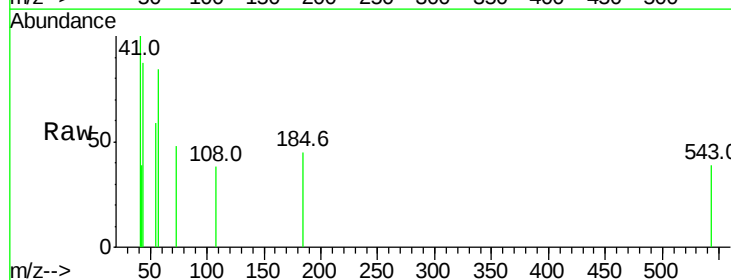
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15257
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 3.0 49.2 73.8#



#53
 2,4-Dinitrophenol
 Concen: 7.694 ng
 RT: 15.82 min Scan# 2132
 Delta R.T. 0.23 min
 Lab File: BG033500.D
 Acq: 2 Apr 2018 23:08

Tgt Ion:184 Resp: 63
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#





#56

2,4-Dinitrotoluene

Concen: 4.774 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.34 min

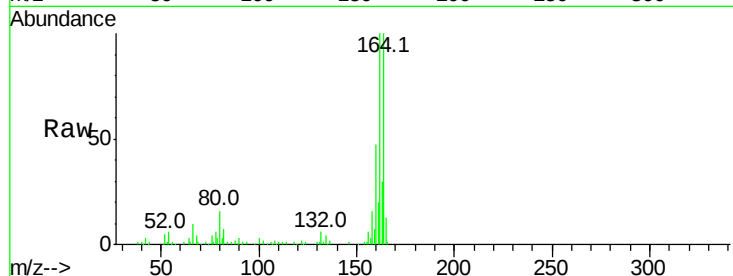
Lab File: BG033500.D

Acq: 2 Apr 2018 23:08

Instrument :

BNA_G

ClientSampleId :



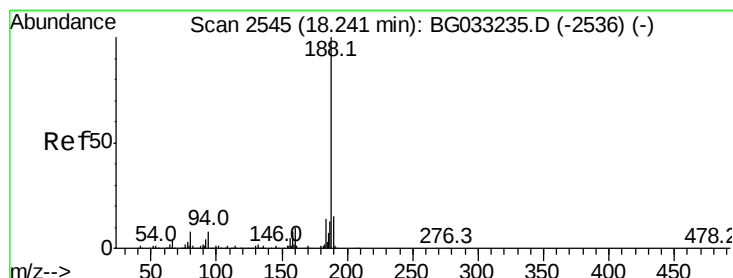
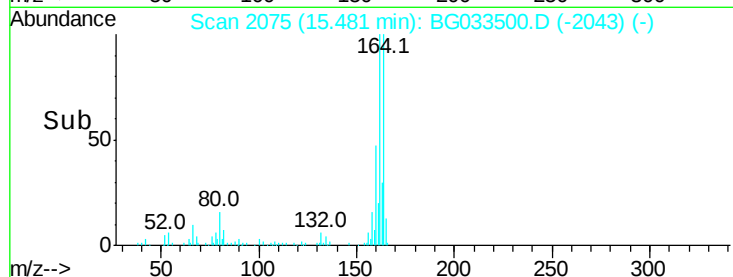
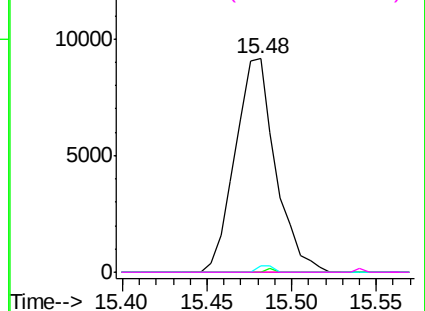
Tot Ion:	165	Resp:	15257
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.0	66.9	100.3#
182	0.0	2.6	3.8#

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

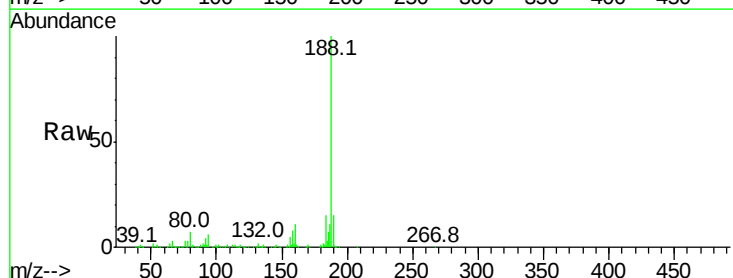
RT: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033500.D

Acq: 2 Apr 2018 23:08

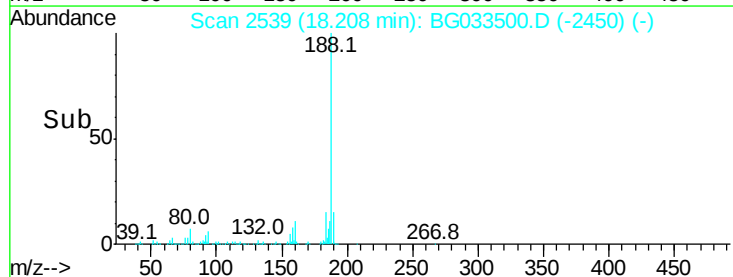
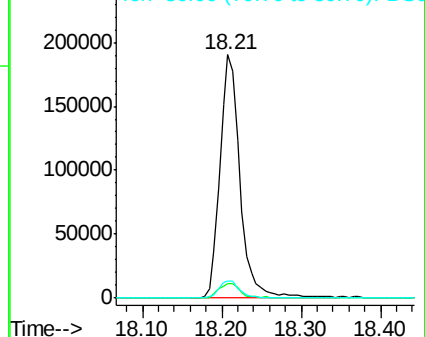
Tgt Ion:	188	Resp:	334218
Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.2	7.7	11.5#



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

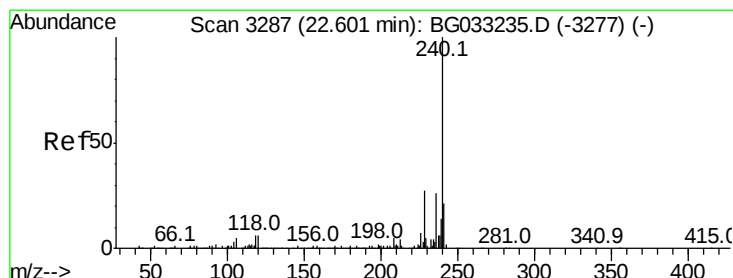
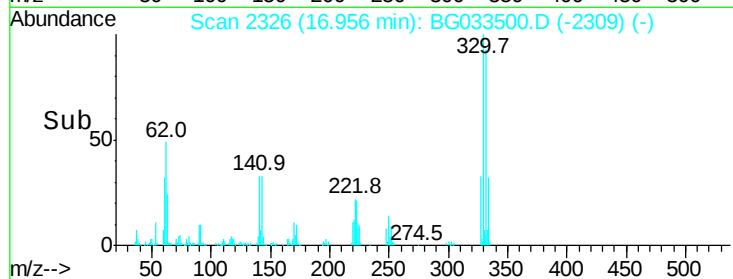
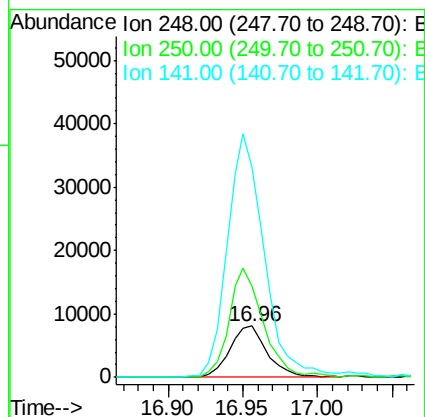
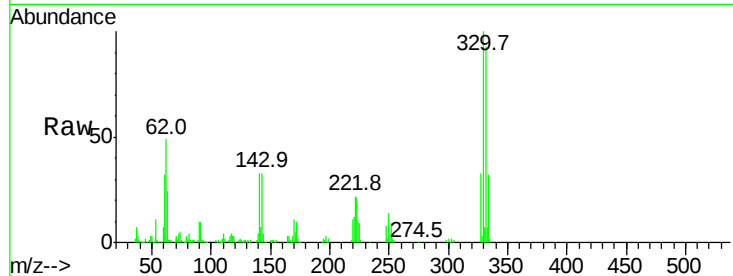




#66
4-Bromophenyl-phenylether
Concen: 3.589 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033500.D
Acq: 2 Apr 2018 23:08

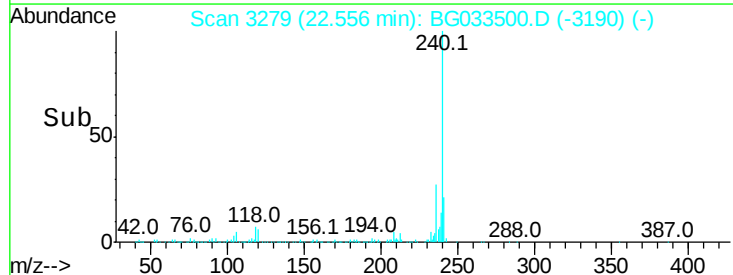
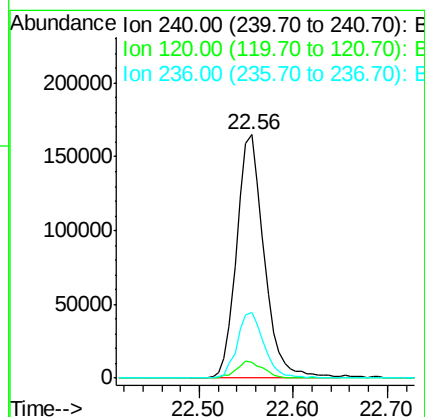
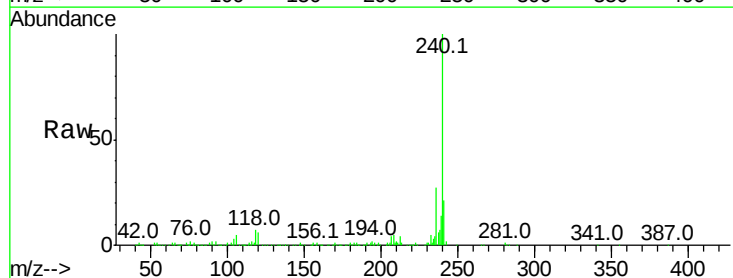
Instrument :
BNA_G
ClientSampled :

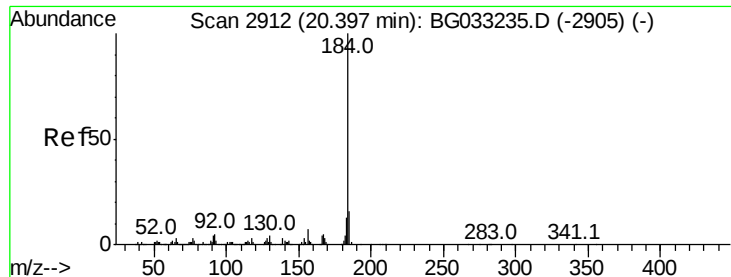
Tot Ion:248 Resp: 14088
Ion Ratio Lower Upper
248 100
250 177.9 77.1 115.7#
141 412.2 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033500.D
Acq: 2 Apr 2018 23:08

Tgt Ion:240 Resp: 335705
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 27.2 20.9 31.3





#76

Benzidine

Concen: 2.847 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033500.D

Acq: 2 Apr 2018 23:08

Instrument :

BNA_G

ClientSampleId :

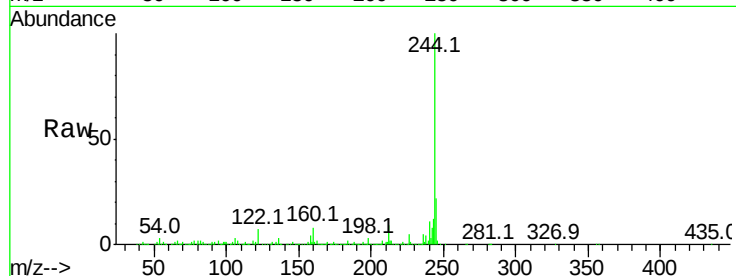
Tot Ion:184 Resp: 25919

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

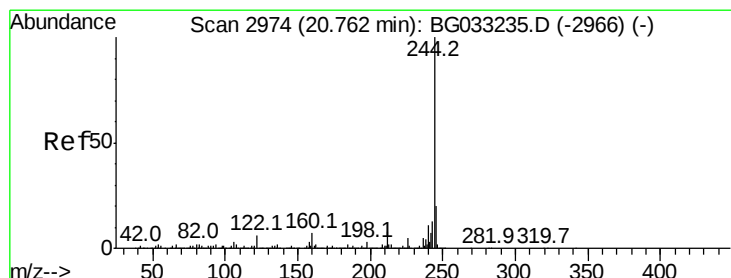
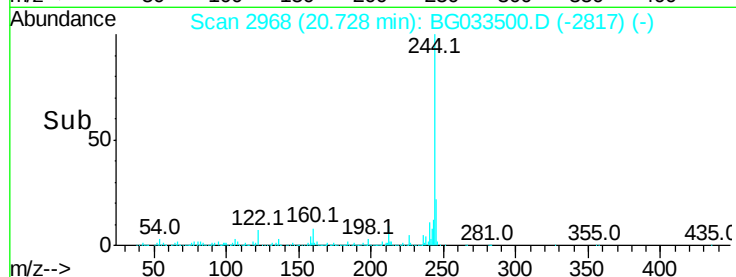
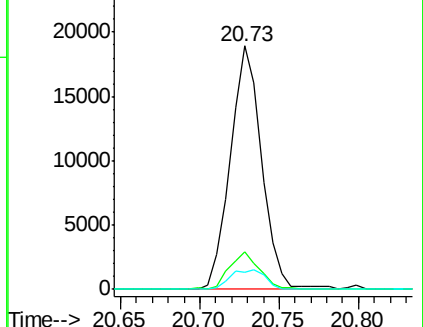
183 7.2 10.6 16.0#



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: 95.642 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033500.D

Acq: 2 Apr 2018 23:08

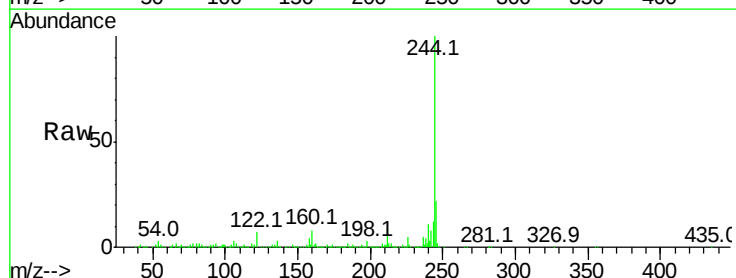
Tgt Ion:244 Resp: 1501327

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

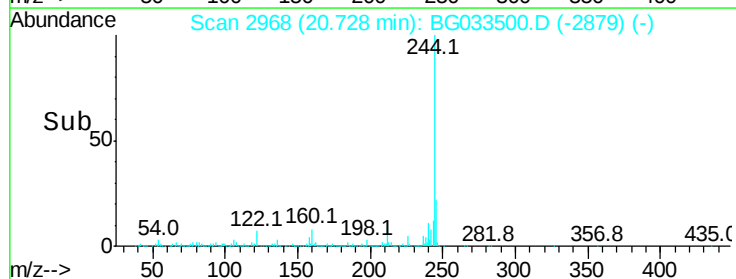
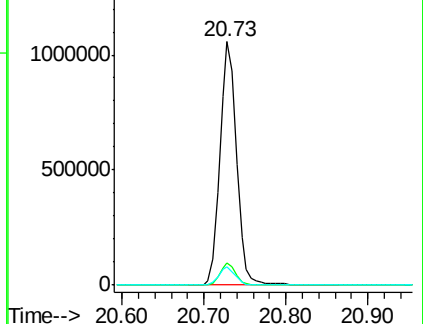
122 7.4 7.0 10.4

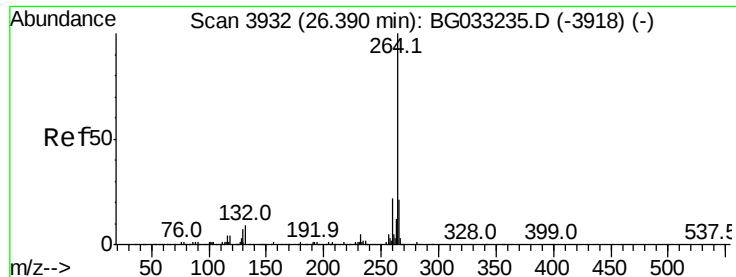


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

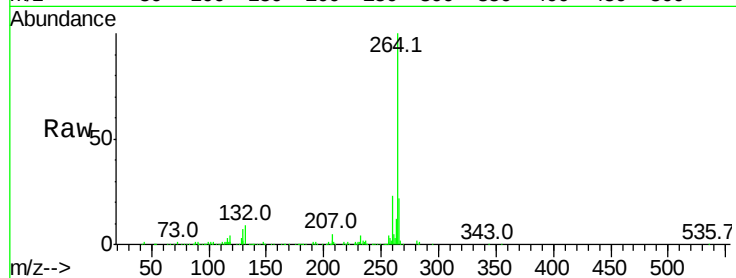




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BG033500.D
 Acq: 2 Apr 2018 23:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.9	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

