

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033511.D
 Acq On : 3 Apr 2018 6:01
 Operator : SJ/JU
 Sample : J2114-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 07:23:54 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

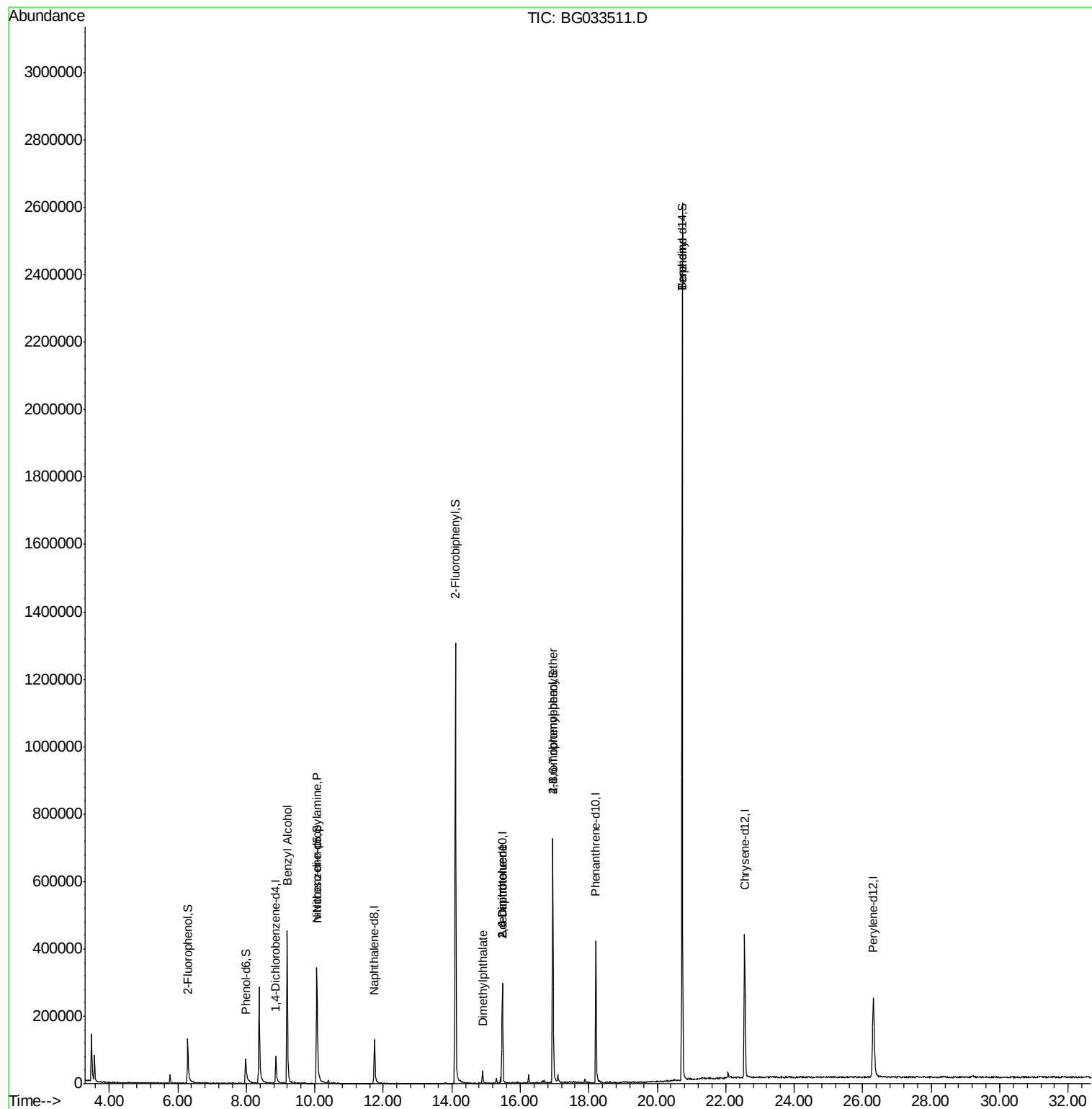
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30006	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	138476	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	113005	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	316988	20.00	ng	0.00
75) Chrysene-d12	22.55	240	325527	20.00	ng	-0.01
86) Perylene-d12	26.31	264	344840	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	71196	44.49	ng	0.00
7) Phenol-d6	7.98	99	70946	25.80	ng	0.00
23) Nitrobenzene-d5	10.06	82	279635	92.78	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	148270	87.73	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	753016	96.20	ng	0.00
78) Terphenyl-d14	20.73	244	1300784	85.46	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	4461	2.061	ng	# 45
19) n-Nitroso-di-n-propylamine	10.06	70	38586	19.152	ng	# 78
49) Dimethylphthalate	14.90	163	26258	2.670	ng	# 93
50) 2,6-Dinitrotoluene	15.47	165	14529	7.225	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	14529	4.907	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	11687	3.139	ng	# 1
76) Benizidine	20.73	184	22186	2.513	ng	# 92

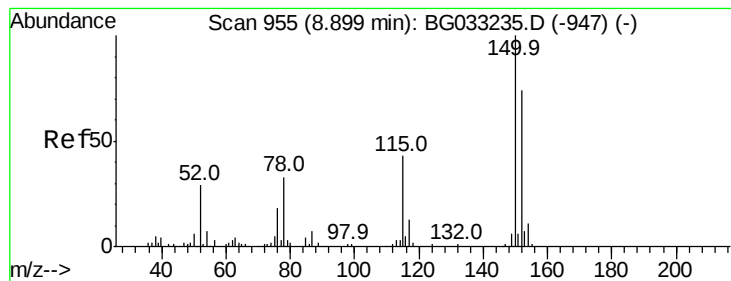
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG033511.D

Acq: 3 Apr 2018 6:01

Instrument :

BNA_G

ClientSampled :

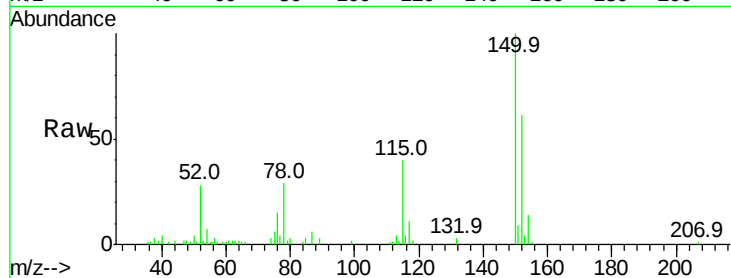
Tot Ion:152 Resp: 30006

Ion Ratio Lower Upper

152 100

150 163.4 126.6 189.8

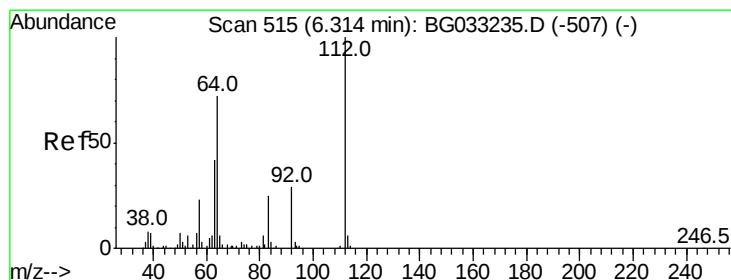
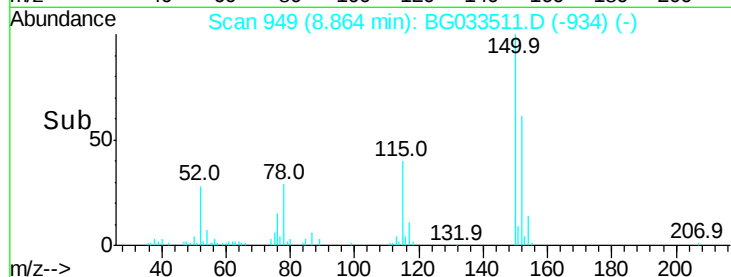
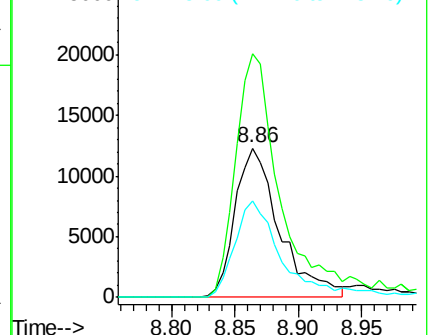
115 64.6 53.0 79.4



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: 44.491 ng

RT: 6.30 min Scan# 512

Delta R.T. 0.00 min

Lab File: BG033511.D

Acq: 3 Apr 2018 6:01

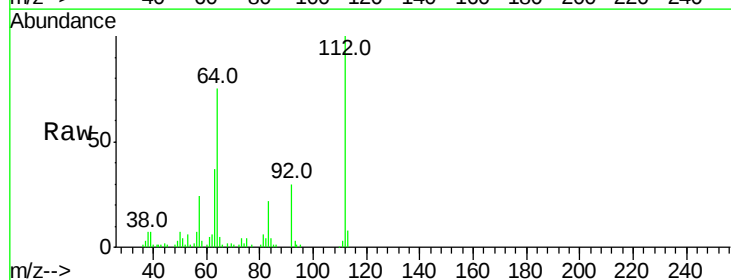
Tgt Ion:112 Resp: 71196

Ion Ratio Lower Upper

112 100

64 74.6 56.3 84.5

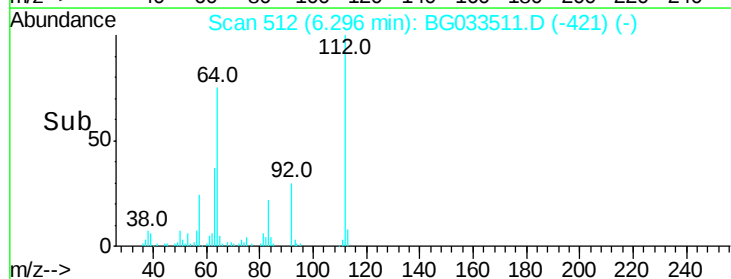
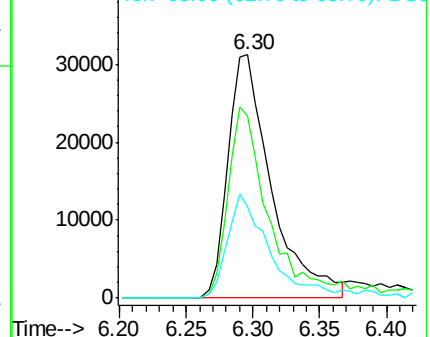
63 37.3 30.1 45.1

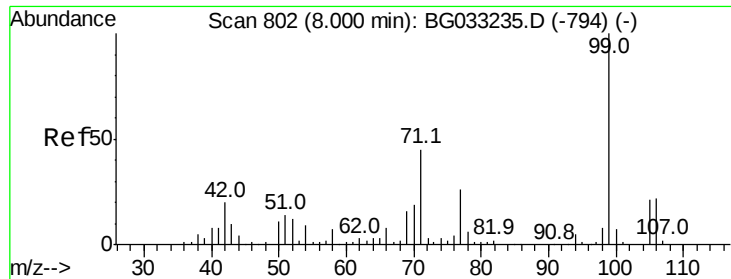


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.803 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033511.D

Acq: 3 Apr 2018 6:01

Instrument :

BNA_G

ClientSampleId :

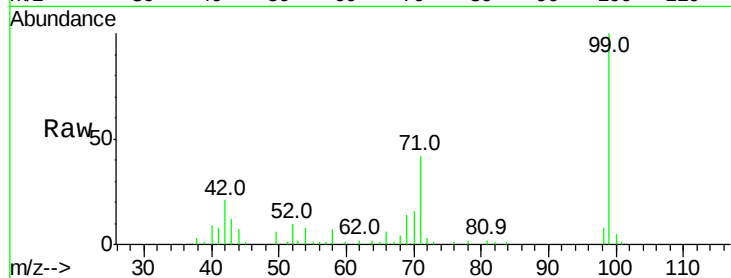
Tot Ion: 99 Resp: 70946

Ion Ratio Lower Upper

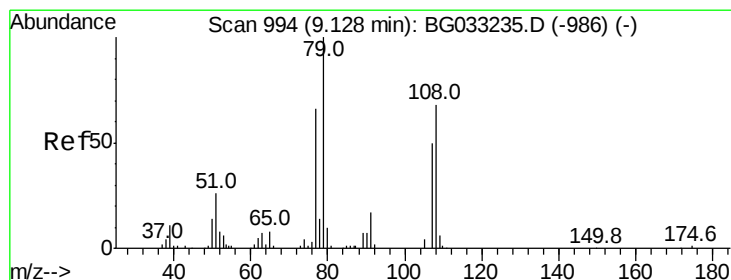
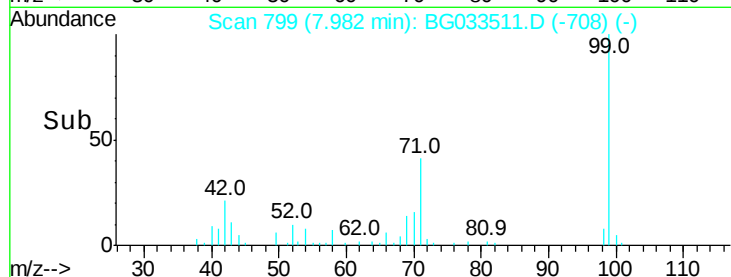
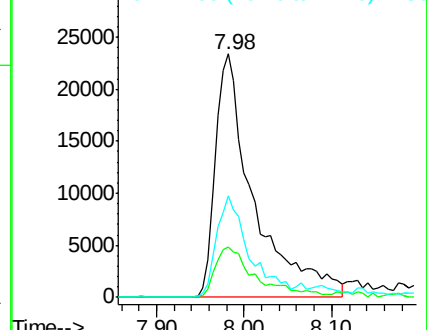
99 100

42 20.5 14.1 21.1

71 41.7 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: 2.061 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033511.D

Acq: 3 Apr 2018 6:01

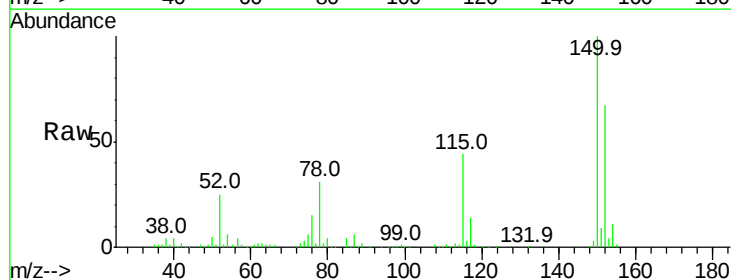
Tgt Ion: 79 Resp: 4461

Ion Ratio Lower Upper

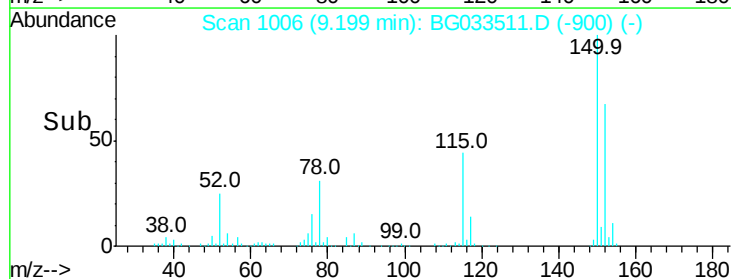
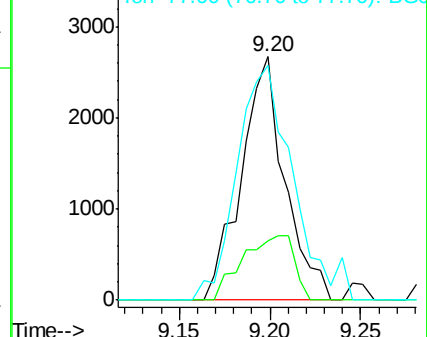
79 100

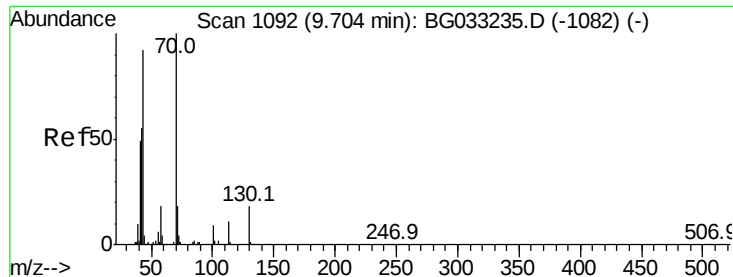
108 24.3 57.2 85.8#

77 96.6 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

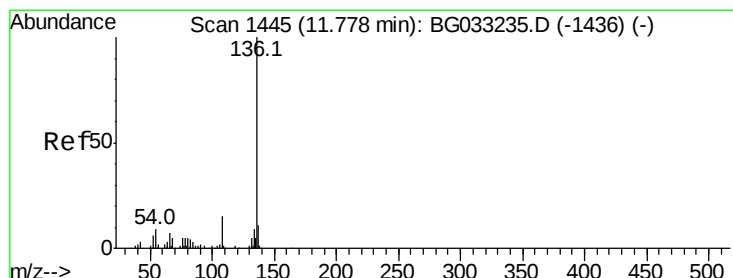
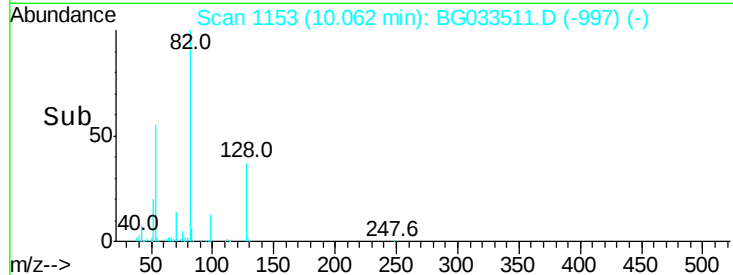
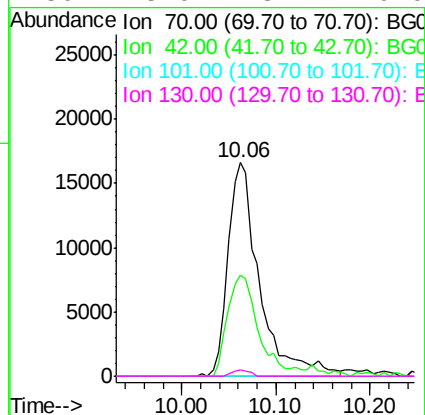
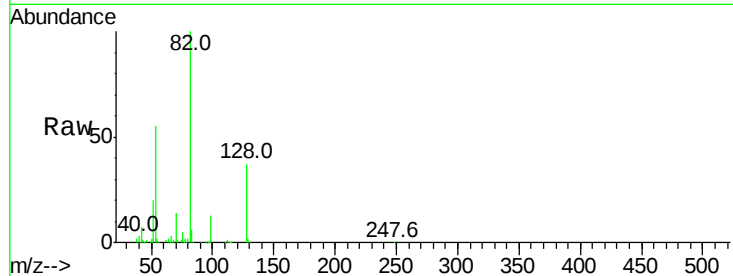




#19
n-Nitroso-di-n-propylamine
Concen: 19.152 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.38 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

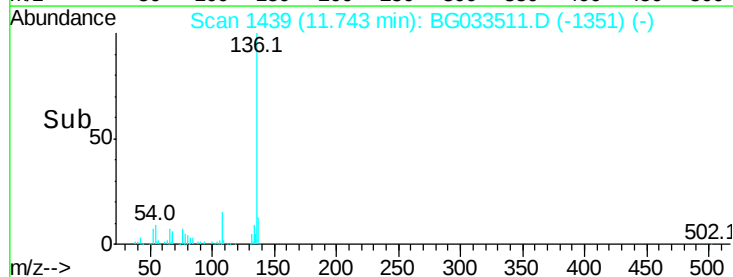
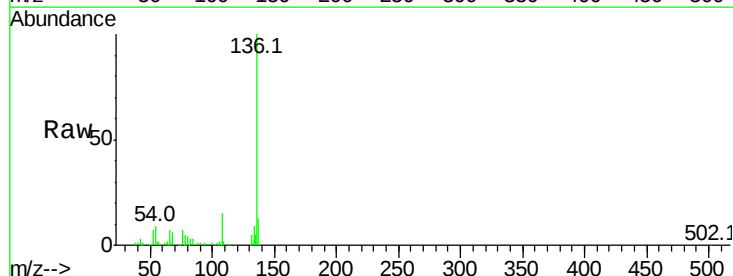
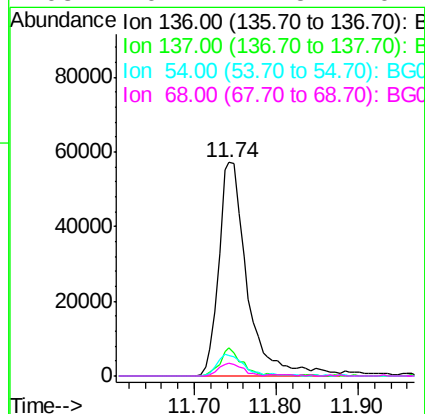
Instrument :
BNA_G
ClientSampleId :

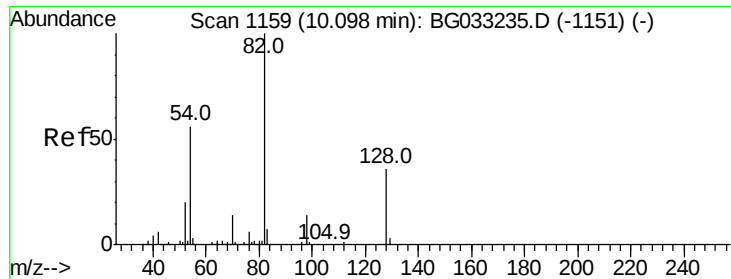
Tot Ion: 70 Resp: 38586
Ion Ratio Lower Upper
70 100
42 47.2 49.1 73.7#
101 0.0 8.5 12.7#
130 3.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Tgt Ion: 136 Resp: 138476
Ion Ratio Lower Upper
136 100
137 13.4 9.2 13.8
54 9.4 10.3 15.5#
68 6.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 92.778 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033511.D

Acq: 3 Apr 2018 6:01

Instrument :

BNA_G

ClientSampleId :

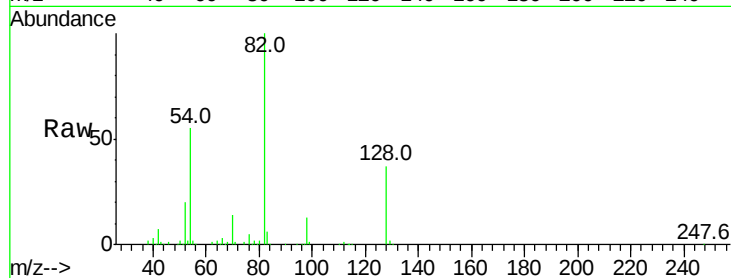
Tot Ion: 82 Resp: 279635

Ion Ratio Lower Upper

82 100

128 36.5 29.7 44.5

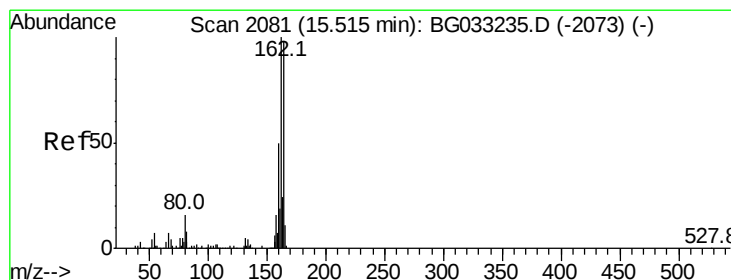
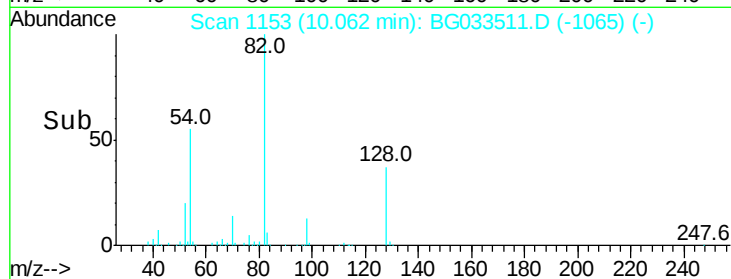
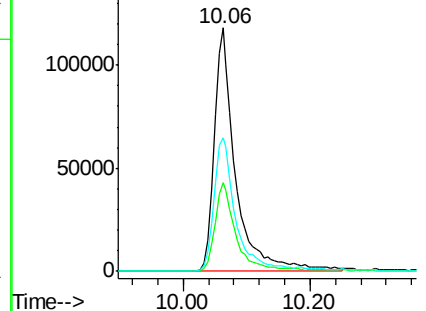
54 55.1 43.1 64.7



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. -0.01 min

Lab File: BG033511.D

Acq: 3 Apr 2018 6:01

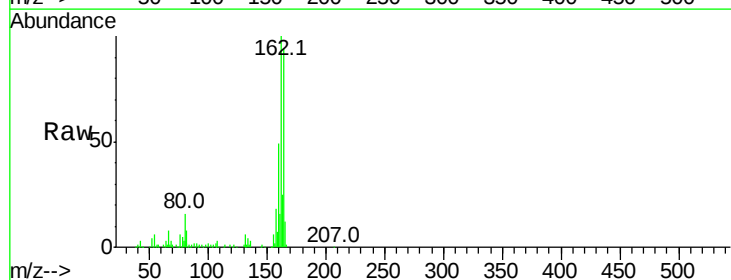
Tgt Ion: 164 Resp: 113005

Ion Ratio Lower Upper

164 100

162 106.6 78.8 118.2

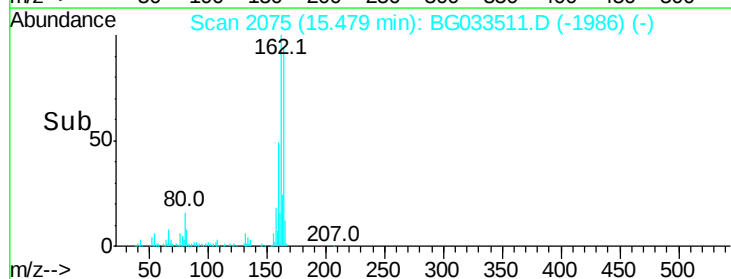
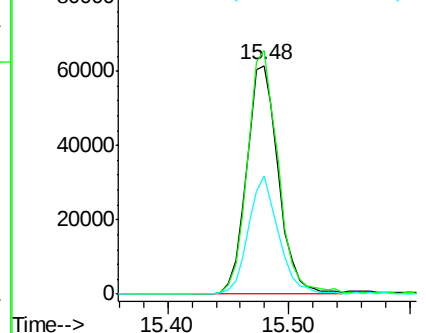
160 51.7 35.4 53.0



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

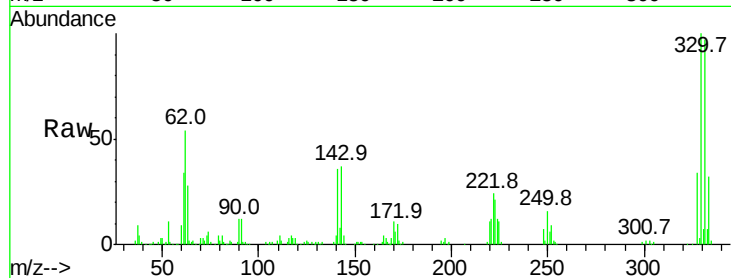




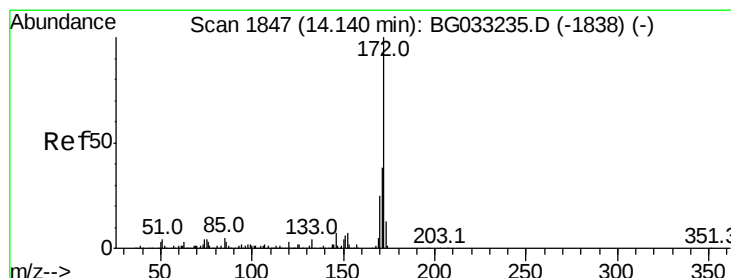
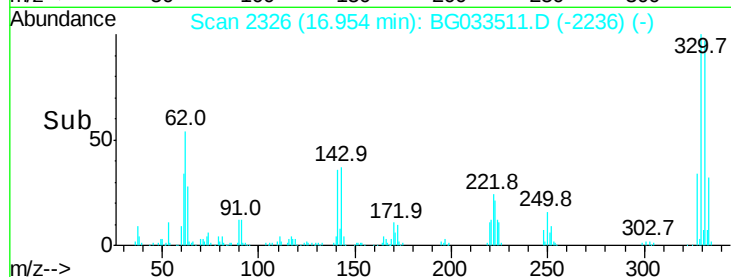
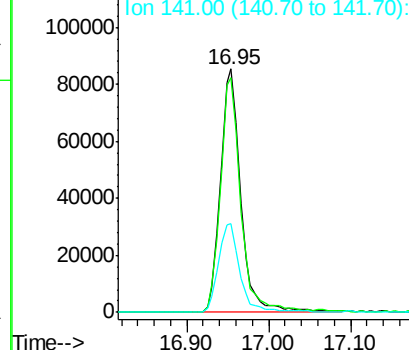
#41
 2,4,6-Tribromophenol
 Concen: 87.727 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033511.D
 Acq: 3 Apr 2018 6:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 148270
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 37.9 25.2 37.8#

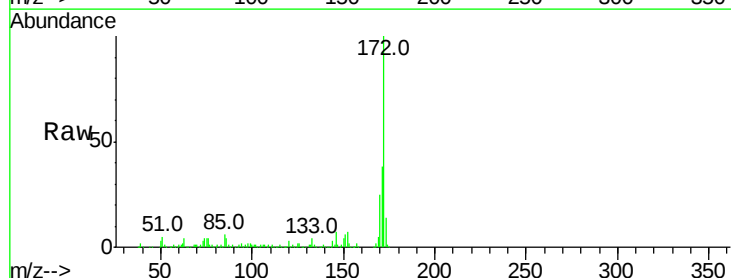


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

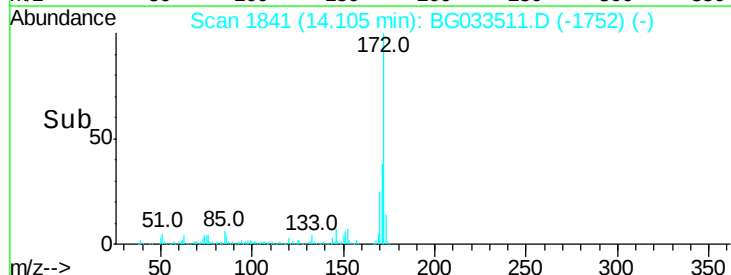
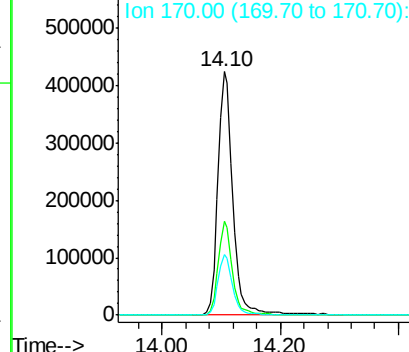


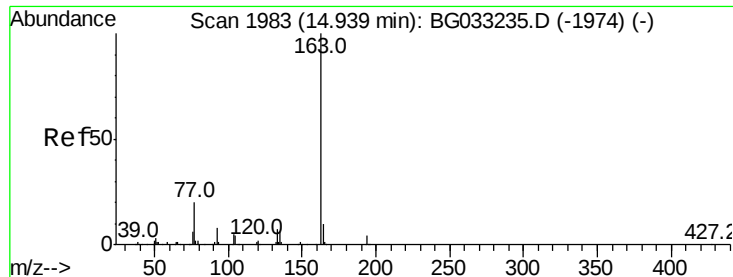
#44
 2-Fluorobiphenyl
 Concen: 96.198 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033511.D
 Acq: 3 Apr 2018 6:01

Tgt Ion:172 Resp: 753016
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 24.7 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: 2.670 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033511.D

Acq: 3 Apr 2018 6:01

Instrument :

BNA_G

ClientSampleId :

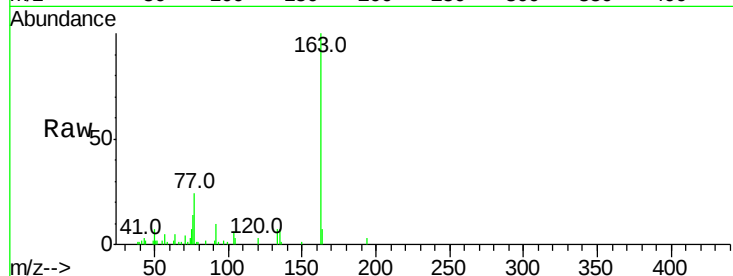
Tot Ion:163 Resp: 26258

Ion Ratio Lower Upper

163 100

194 2.9 3.4 5.2#

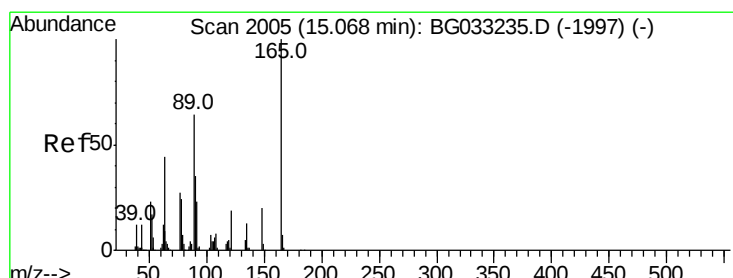
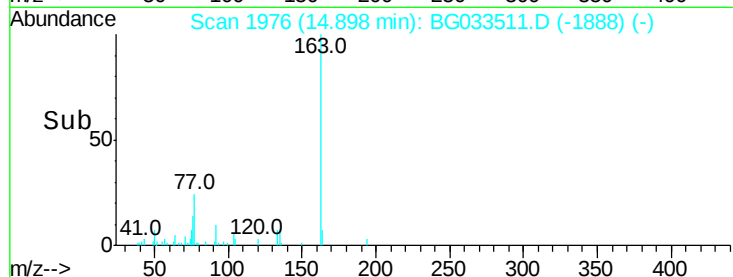
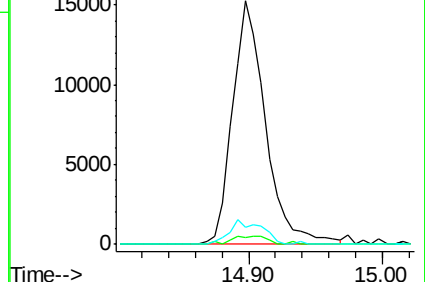
164 7.2 8.2 12.4#



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: 7.225 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.43 min

Lab File: BG033511.D

Acq: 3 Apr 2018 6:01

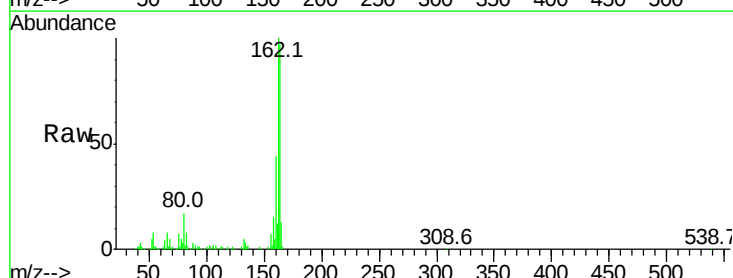
Tgt Ion:165 Resp: 14529

Ion Ratio Lower Upper

165 100

63 2.8 52.7 79.1#

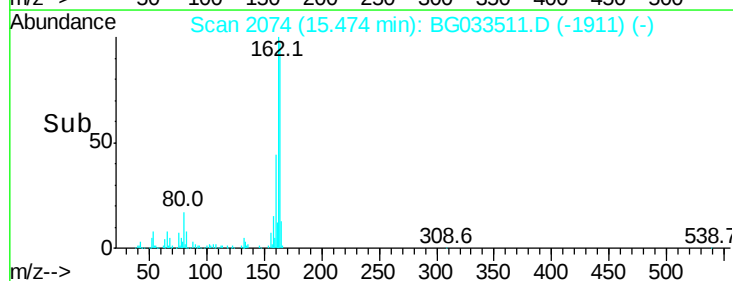
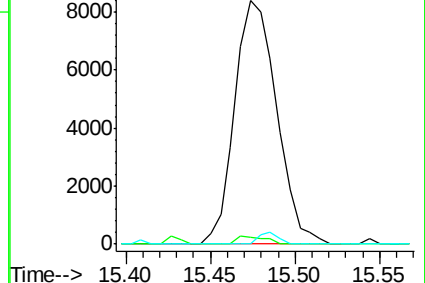
89 0.0 49.2 73.8#

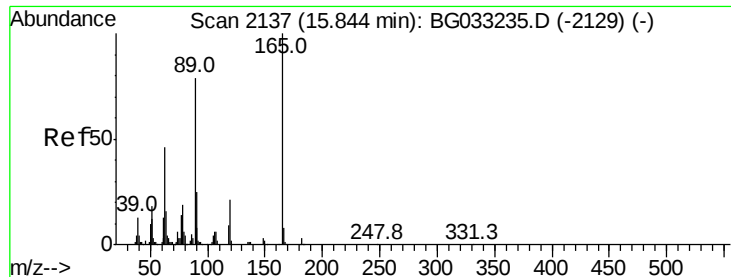


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

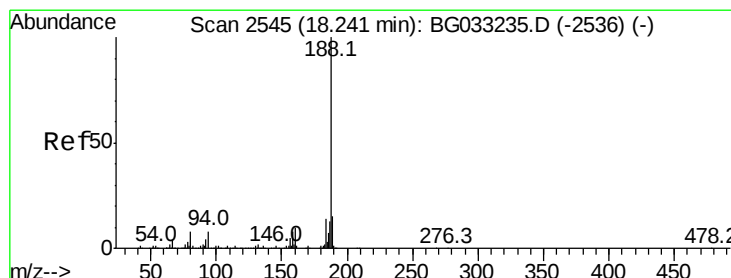
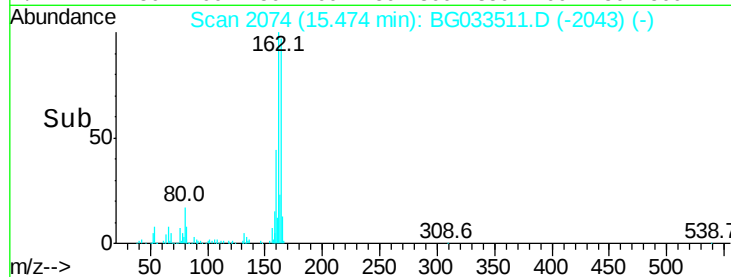
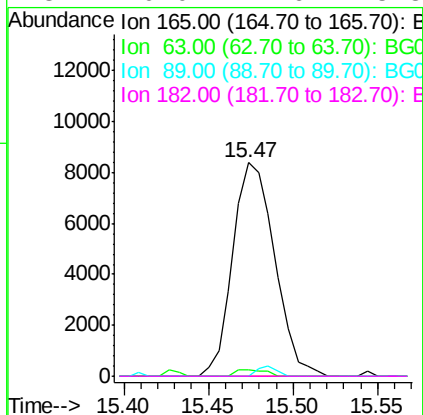
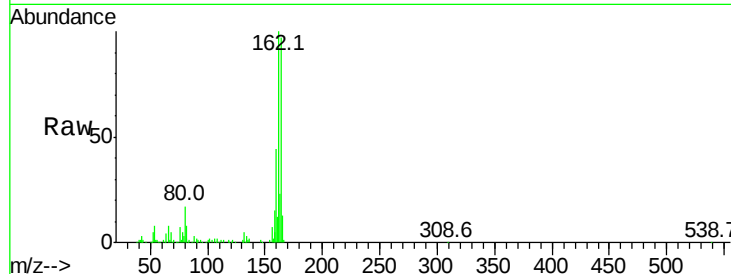




#56
 2,4-Dinitrotoluene
 Concen: 4.907 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.35 min
 Lab File: BG033511.D
 Acq: 3 Apr 2018 6:01

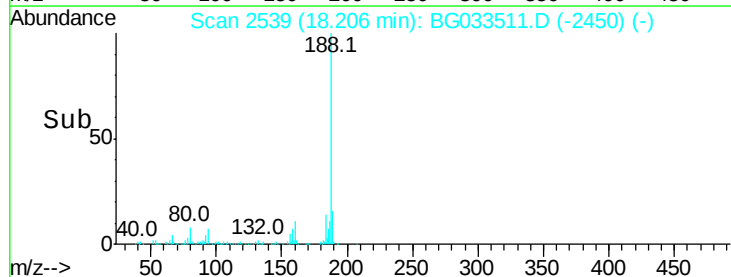
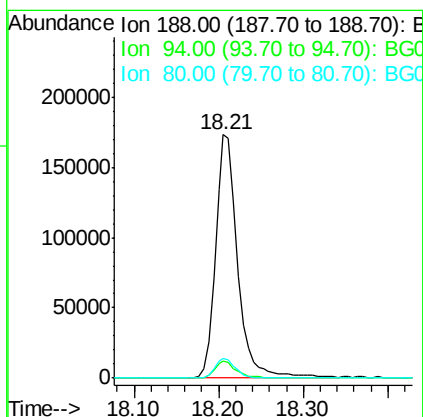
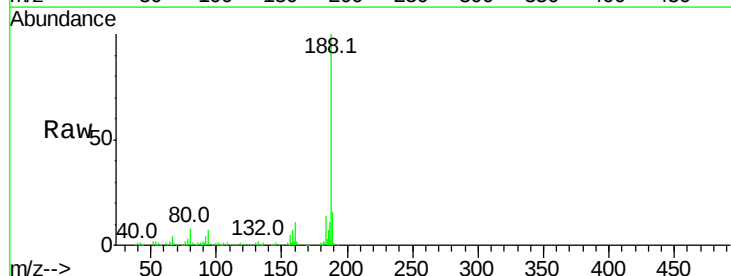
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 14529
 Ion Ratio Lower Upper
 165 100
 63 2.8 42.0 63.0#
 89 0.0 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. -0.01 min
 Lab File: BG033511.D
 Acq: 3 Apr 2018 6:01

Tgt Ion:188 Resp: 316988
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.9 10.3
 80 8.1 7.7 11.5

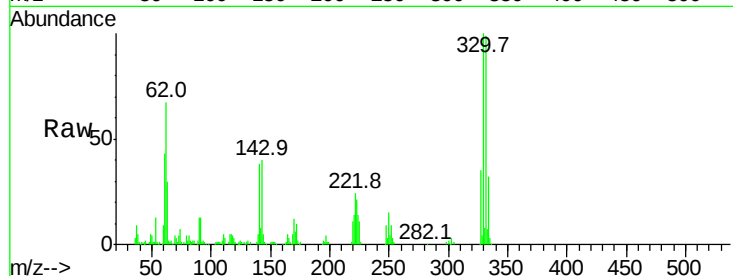




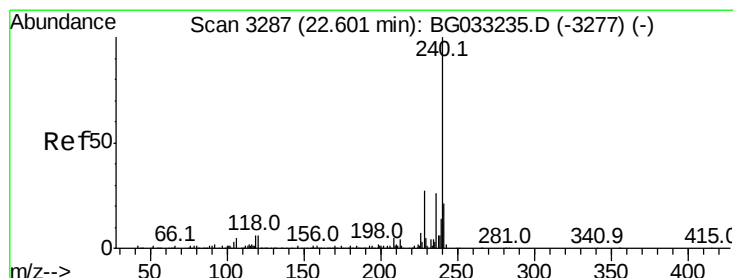
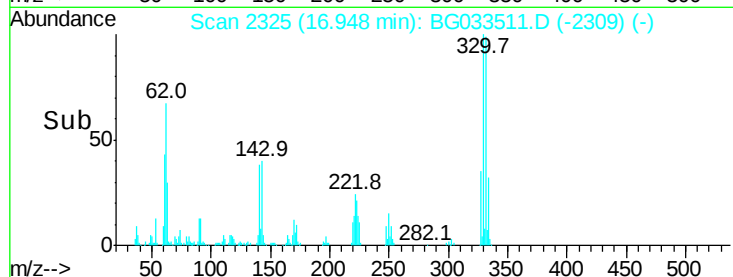
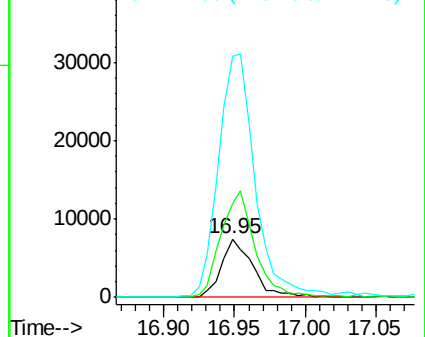
#66
4-Bromophenyl-phenylether
Concen: 3.139 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 11687
Ion Ratio Lower Upper
248 100
250 162.5 77.1 115.7#
141 414.8 50.8 76.2#

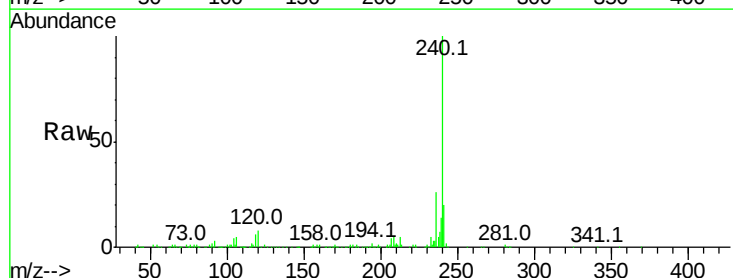


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

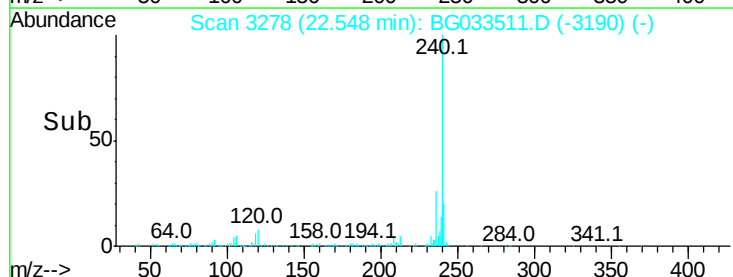
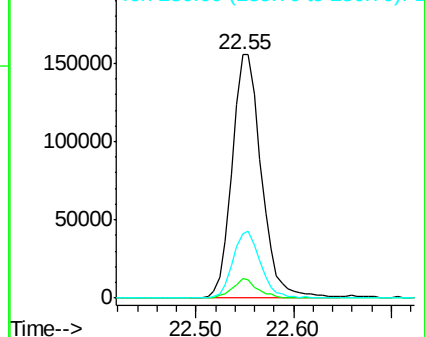


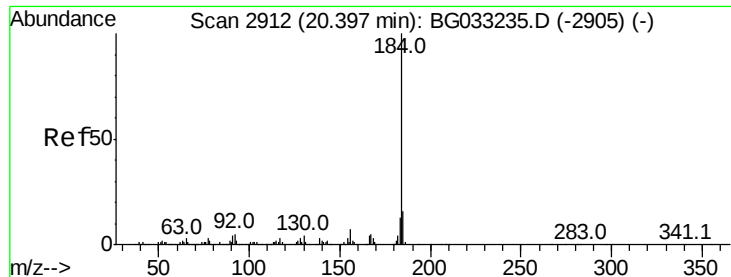
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Tgt Ion:240 Resp: 325527
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 26.5 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: 2.513 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033511.D

Acq: 3 Apr 2018 6:01

Instrument :

BNA_G

ClientSampleId :

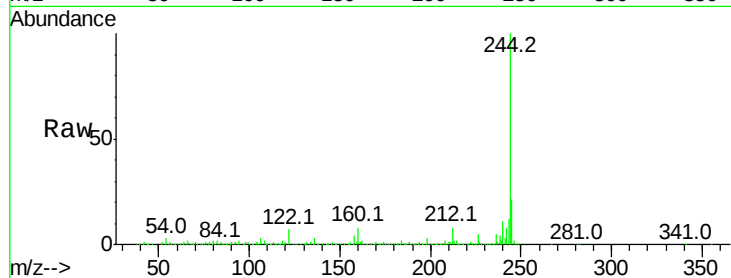
Tot Ion:184 Resp: 22186

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

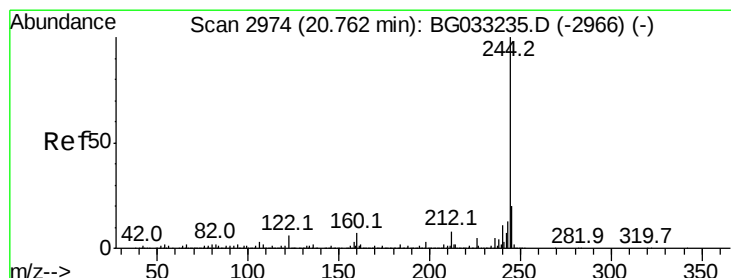
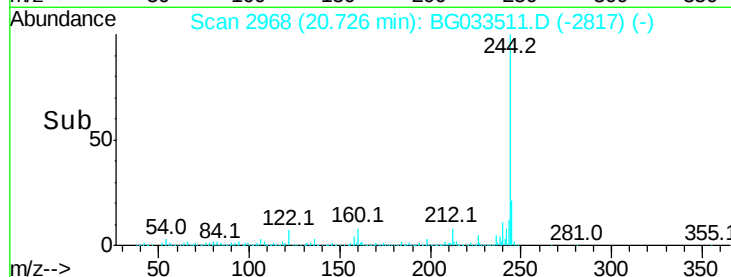
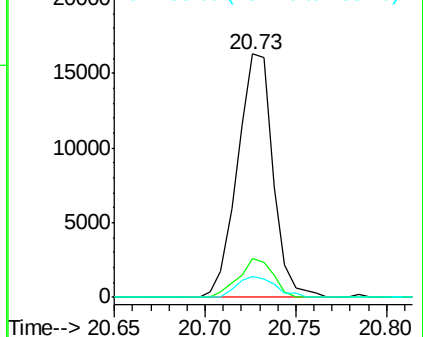
183 8.6 10.6 16.0#



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: 85.457 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033511.D

Acq: 3 Apr 2018 6:01

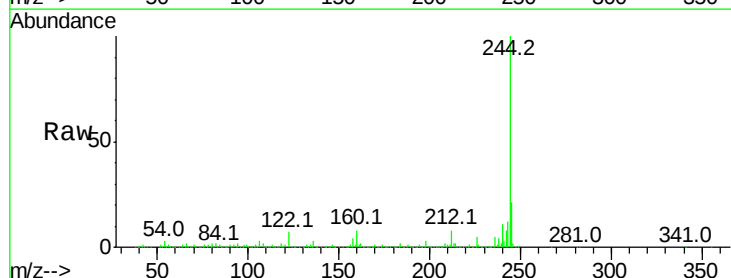
Tgt Ion:244 Resp: 1300784

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

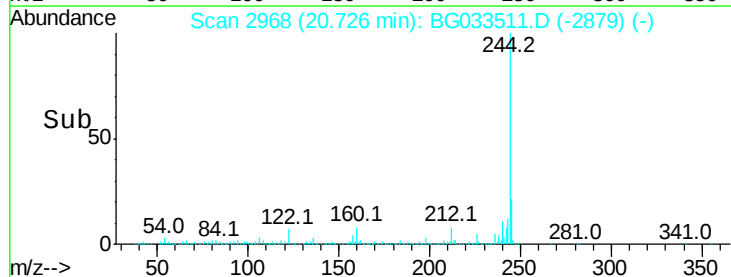
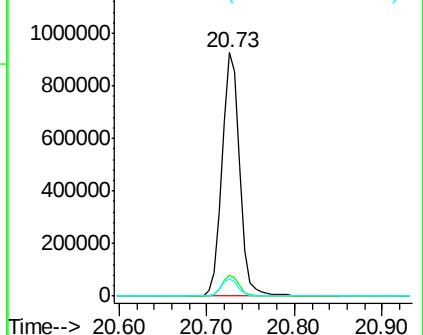
122 7.3 7.0 10.4



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

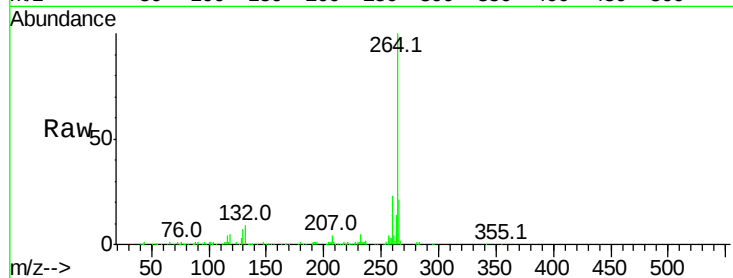




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.02 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.0	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

