

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033546.D
 Acq On : 4 Apr 2018 5:44
 Operator : SJ/JU
 Sample : J2177-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 07:20:01 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

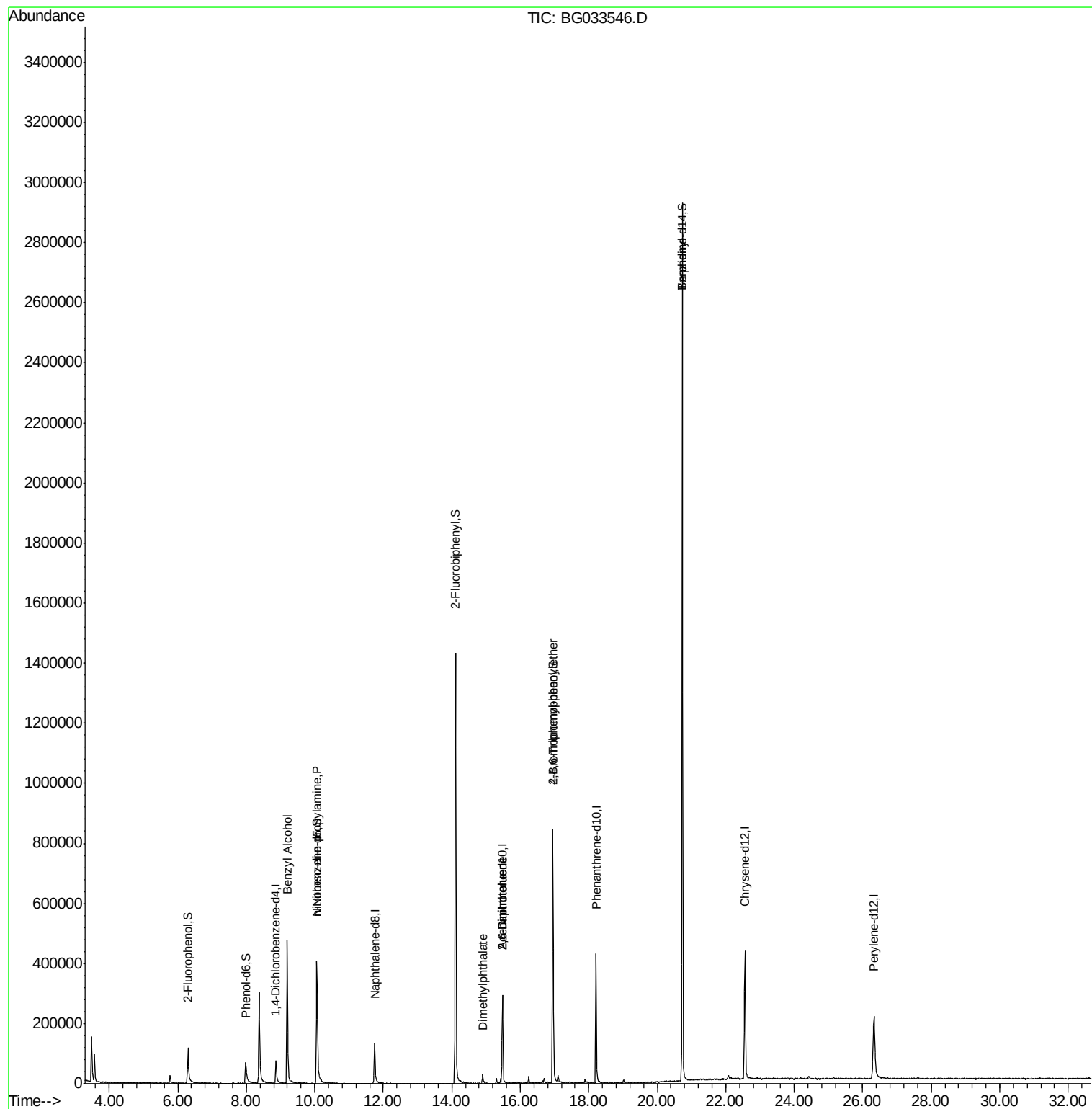
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	28392	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	144100	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	115498	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	312357	20.00	ng	0.00
75) Chrysene-d12	22.56	240	317453	20.00	ng	0.00
86) Perylene-d12	26.33	264	333074	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	71946	47.52	ng	0.00
7) Phenol-d6	7.98	99	65393	25.14	ng	0.00
23) Nitrobenzene-d5	10.06	82	326048	103.96	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	172034	99.59	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	803665	100.45	ng	0.00
78) Terphenyl-d14	20.73	244	1451852	97.81	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5383	2.628	ng	# 44
19) n-Nitroso-di-n-propylamine	10.06	70	42274	22.175	ng	# 77
49) Dimethylphthalate	14.90	163	22725	2.261	ng	# 96
50) 2,6-Dinitrotoluene	15.48	165	14940	7.269	ng	# 23
56) 2,4-Dinitrotoluene	15.48	165	14940	4.937	ng	# 20
66) 4-Bromophenyl-phenylether	16.95	248	12855	3.504	ng	# 1
76) Benizidine	20.73	184	25756	2.992	ng	97

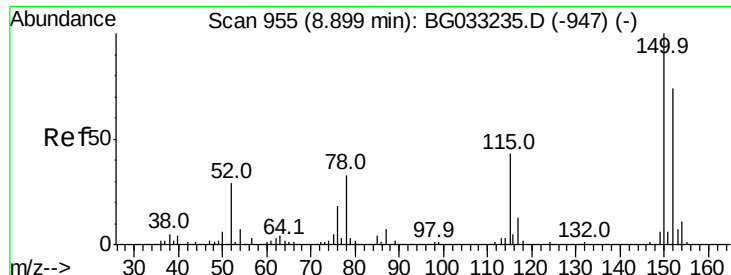
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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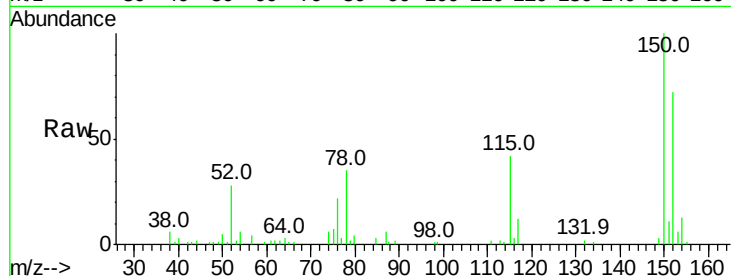


#1

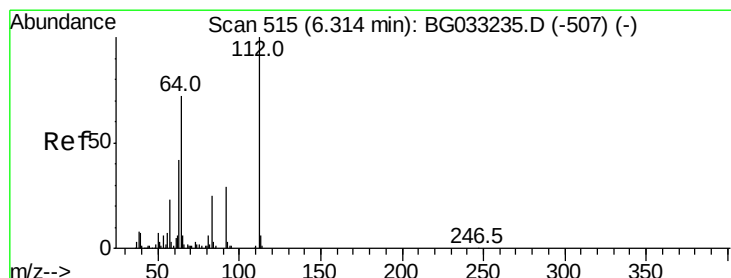
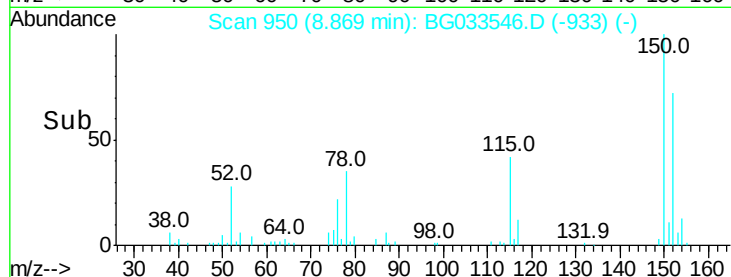
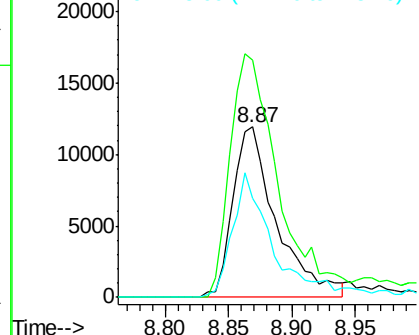
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG033546.D
Acq: 4 Apr 2018 5:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 28392
Ion Ratio Lower Upper
152 100
150 138.9 126.6 189.8
115 58.2 53.0 79.4



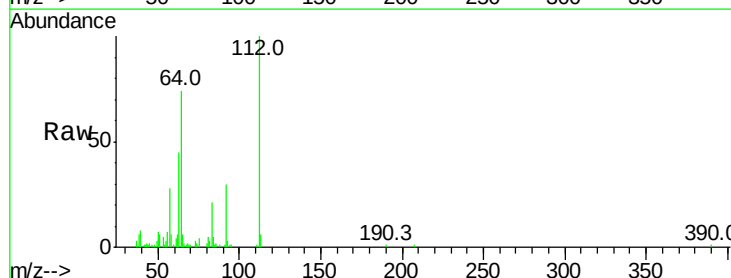
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



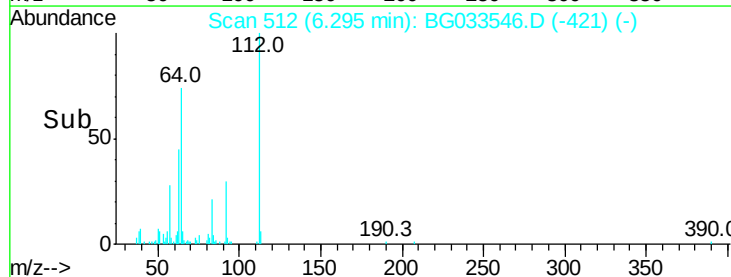
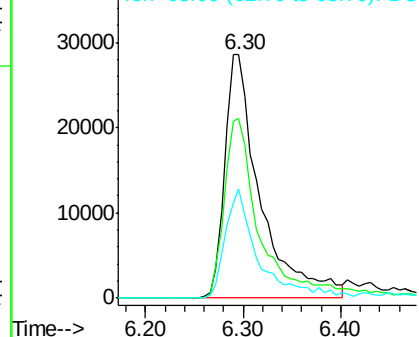
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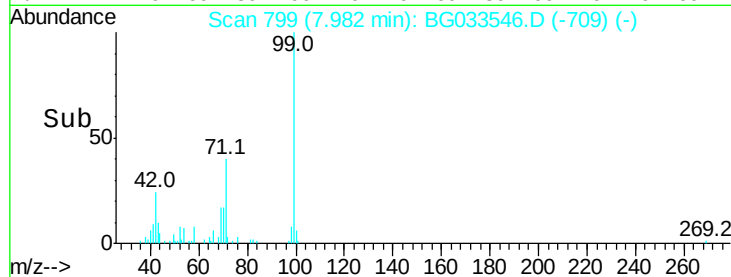
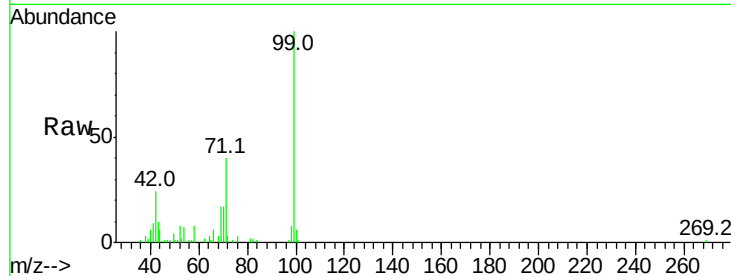
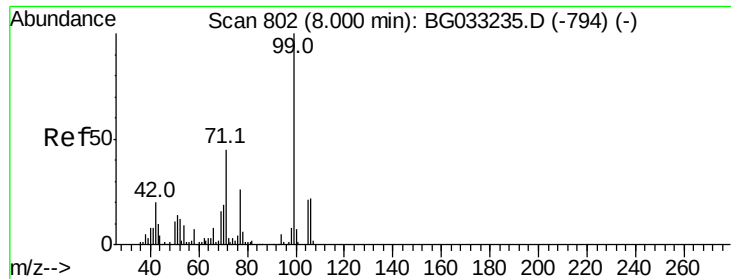
2-Fluorophenol
Concen: 47.516 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033546.D
Acq: 4 Apr 2018 5:44

Tgt Ion:112 Resp: 71946
Ion Ratio Lower Upper
112 100
64 73.9 56.3 84.5
63 44.7 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: 25.136 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.00 min

Lab File: BG033546.D

Acq: 4 Apr 2018 5:44

Instrument :

BNA_G

ClientSampleId :

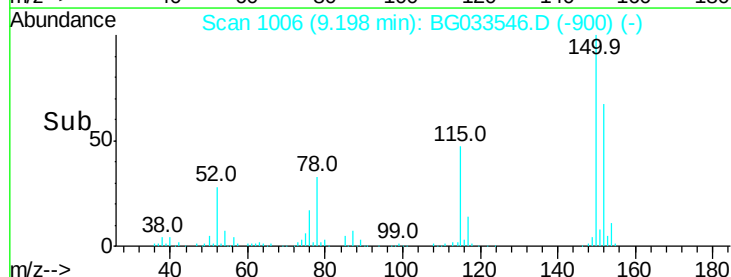
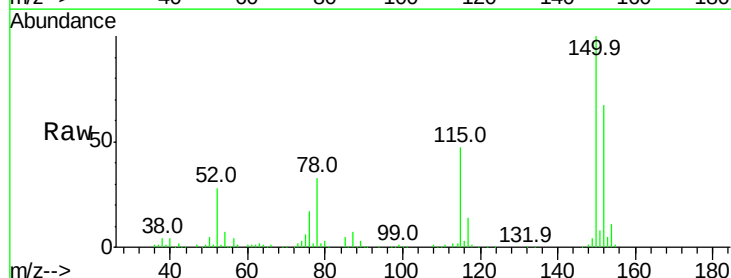
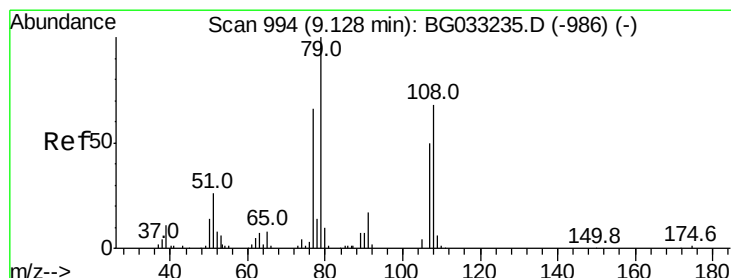
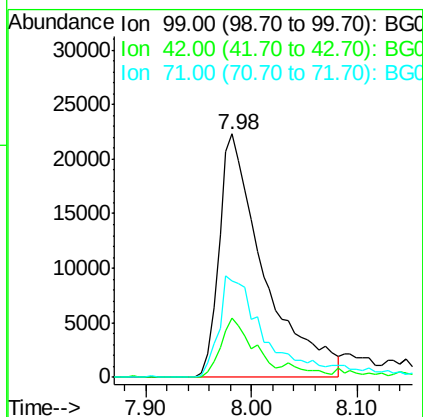
Tot Ion: 99 Resp: 65393

Ion Ratio Lower Upper

99 100

42 24.3 14.1 21.1#

71 39.6 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.628 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033546.D

Acq: 4 Apr 2018 5:44

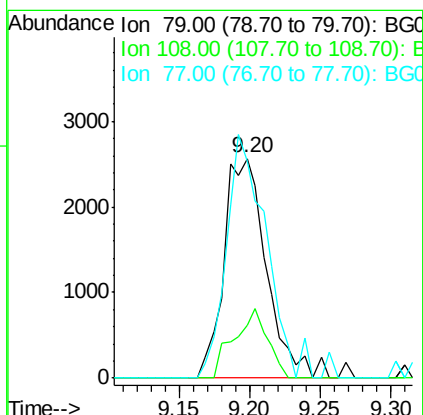
Tgt Ion: 79 Resp: 5383

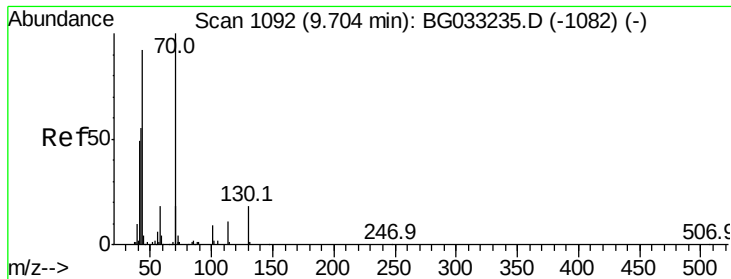
Ion Ratio Lower Upper

79 100

108 24.3 57.2 85.8#

77 98.8 46.1 69.1#

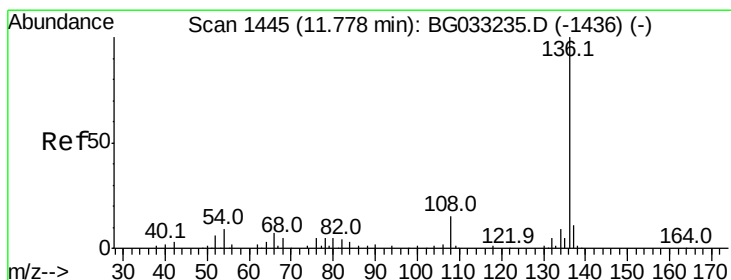
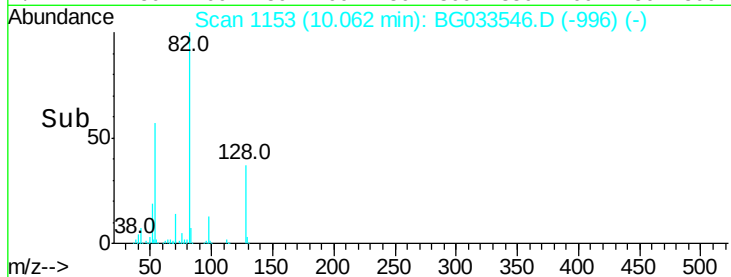
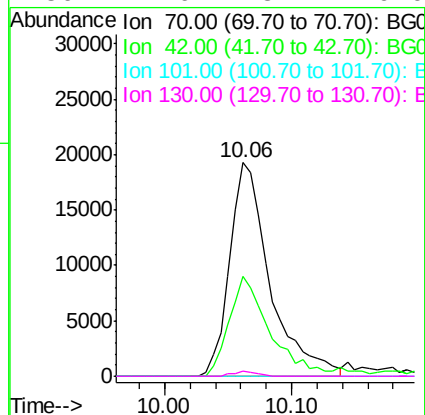
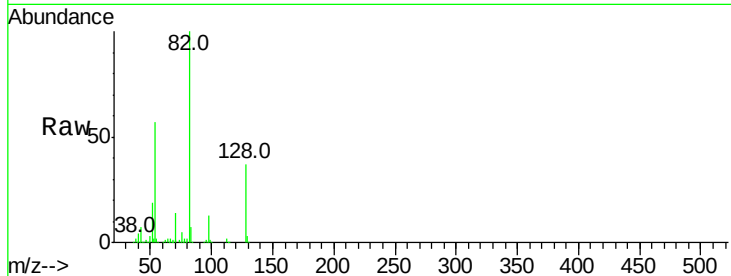




#19
n-Nitroso-di-n-propylamine
Concen: 22.175 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033546.D
Acq: 4 Apr 2018 5:44

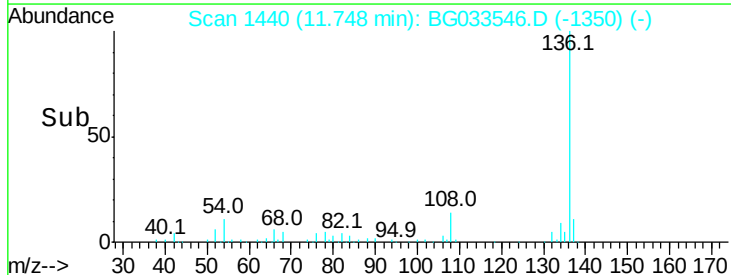
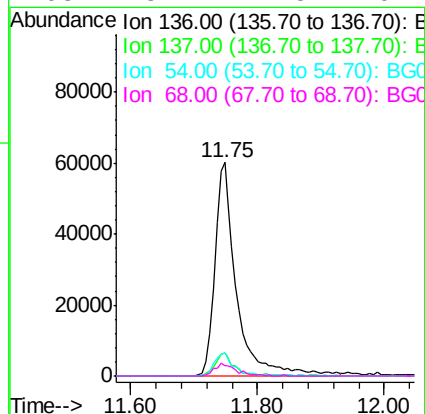
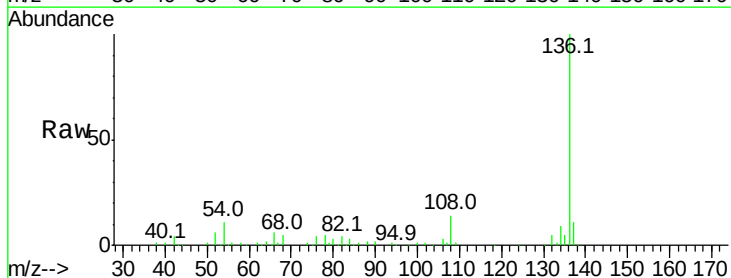
Instrument :
BNA_G
ClientSampled :

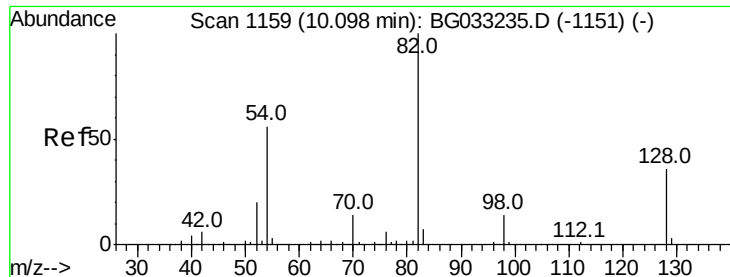
Tot Ion: 70 Resp: 42274
Ion Ratio Lower Upper
70 100
42 46.7 49.1 73.7#
101 0.0 8.5 12.7#
130 2.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033546.D
Acq: 4 Apr 2018 5:44

Tgt Ion: 136 Resp: 144100
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 10.6 10.3 15.5
68 5.1 4.5 6.7

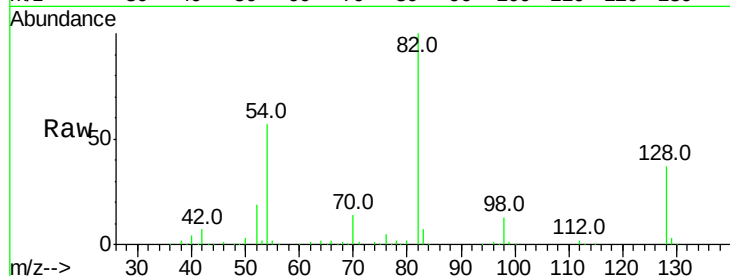




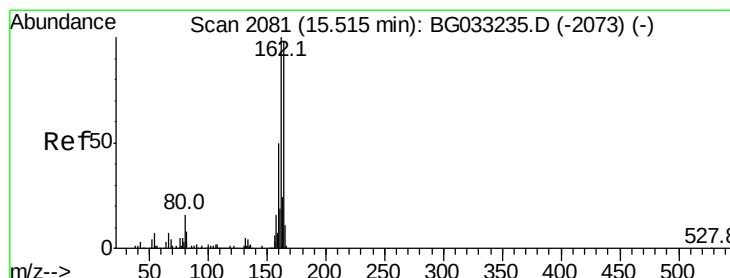
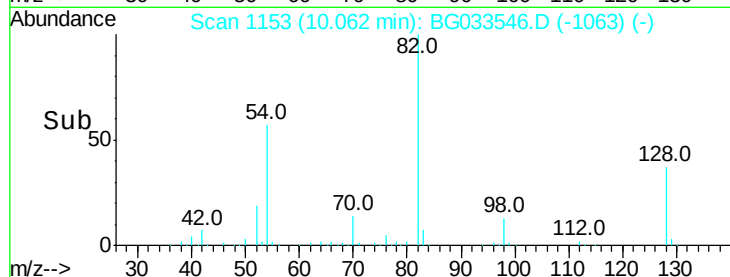
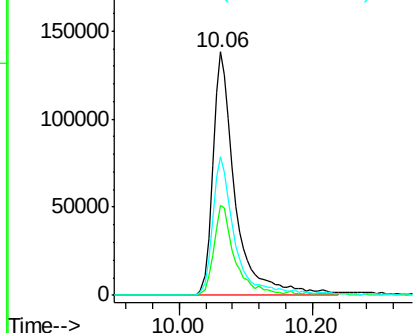
#23
 Nitrobenzene-d5
 Concen: 103.955 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033546.D
 Acq: 4 Apr 2018 5:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 326048
 Ion Ratio Lower Upper
 82 100
 128 37.2 29.7 44.5
 54 56.9 43.1 64.7

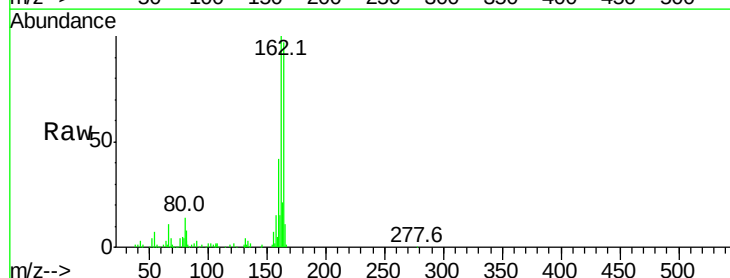


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

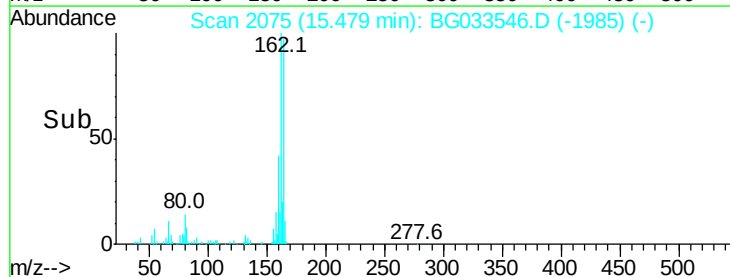
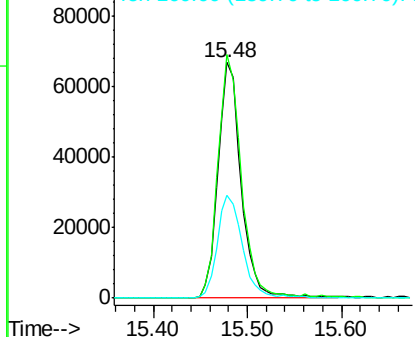


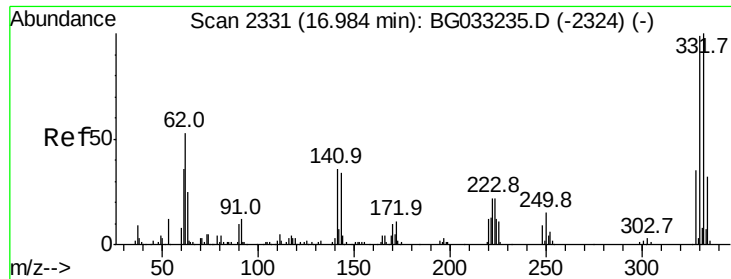
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033546.D
 Acq: 4 Apr 2018 5:44

Tgt Ion:164 Resp: 115498
 Ion Ratio Lower Upper
 164 100
 162 103.4 78.8 118.2
 160 43.6 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

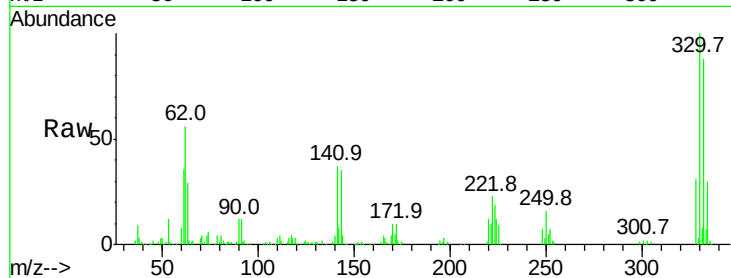




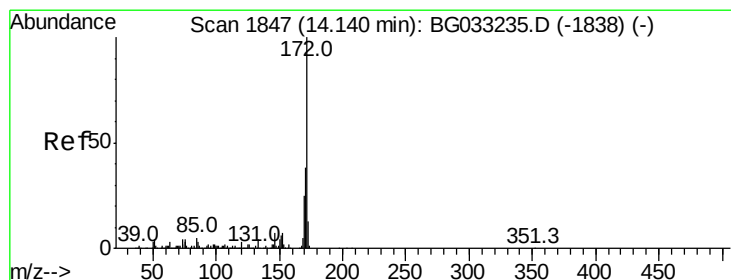
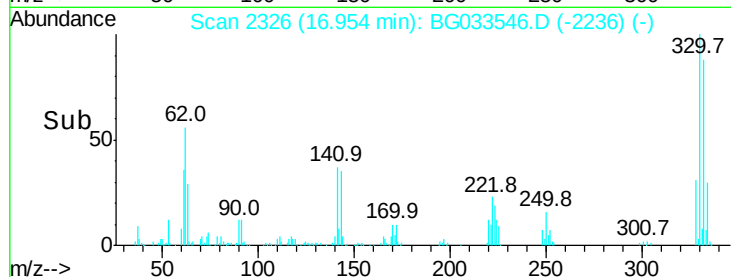
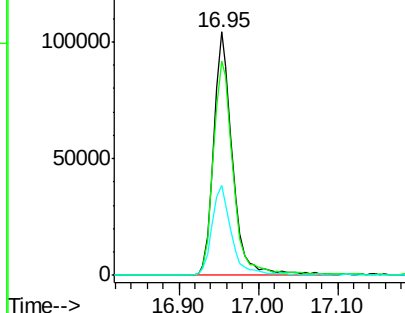
#41
 2,4,6-Tribromophenol
 Concen: 99.591 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033546.D
 Acq: 4 Apr 2018 5:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 172034
 Ion Ratio Lower Upper
 330 100
 332 92.0 77.0 115.6
 141 38.1 25.2 37.8#

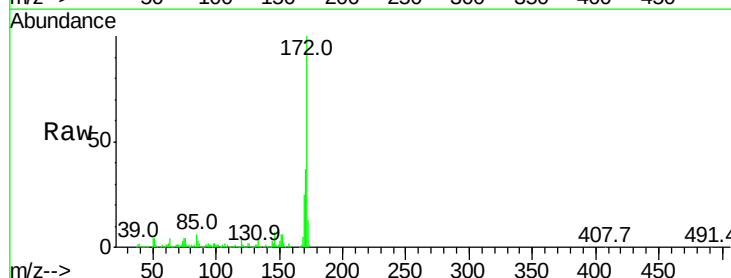


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

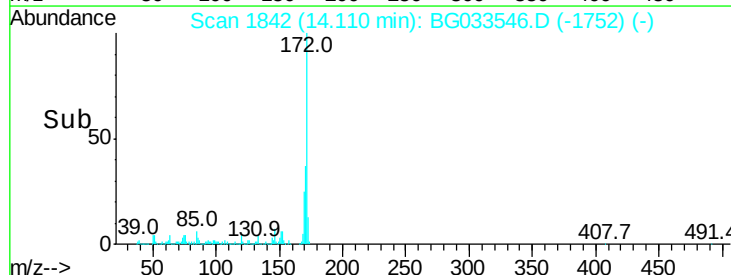
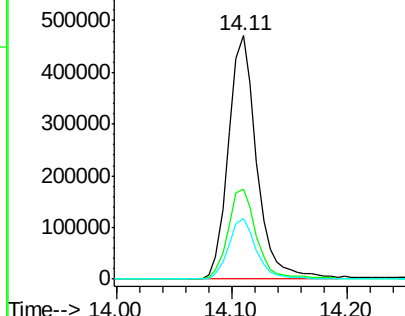


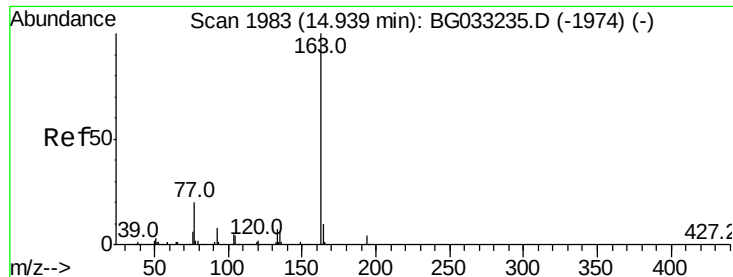
#44
 2-Fluorobiphenyl
 Concen: 100.452 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033546.D
 Acq: 4 Apr 2018 5:44

Tgt Ion:172 Resp: 803665
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 24.9 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: 2.261 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG033546.D

Acq: 4 Apr 2018 5:44

Instrument :

BNA_G

ClientSampleId :

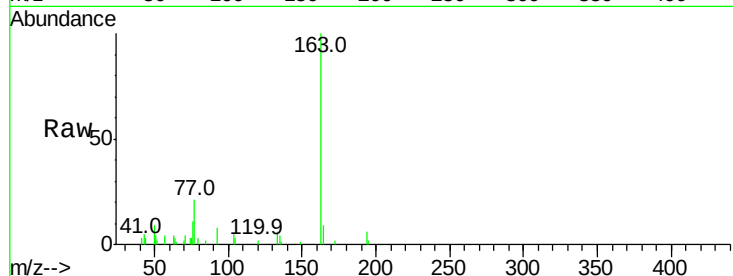
Tot Ion:163 Resp: 22725

Ion Ratio Lower Upper

163 100

194 5.5 3.4 5.2#

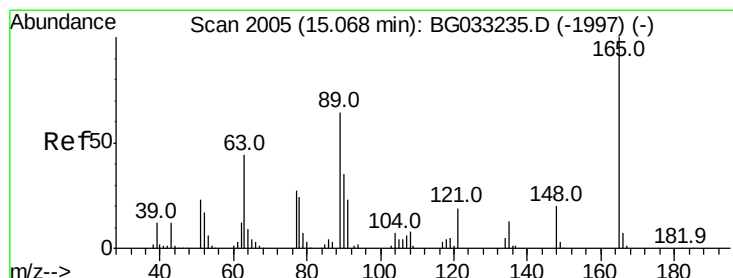
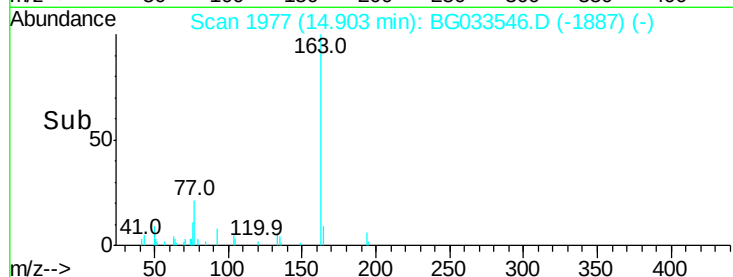
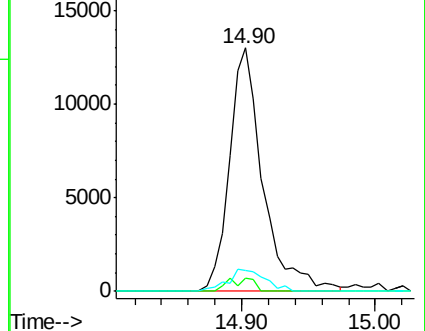
164 8.7 8.2 12.4



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: 7.269 ng

RT: 15.48 min Scan# 2076

Delta R.T. 0.45 min

Lab File: BG033546.D

Acq: 4 Apr 2018 5:44

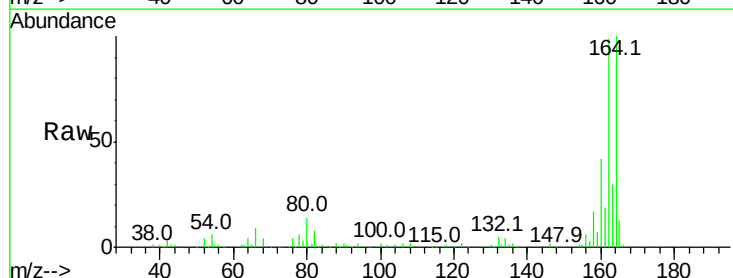
Tgt Ion:165 Resp: 14940

Ion Ratio Lower Upper

165 100

63 4.2 52.7 79.1#

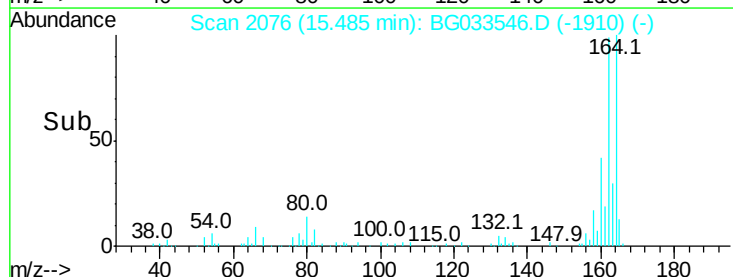
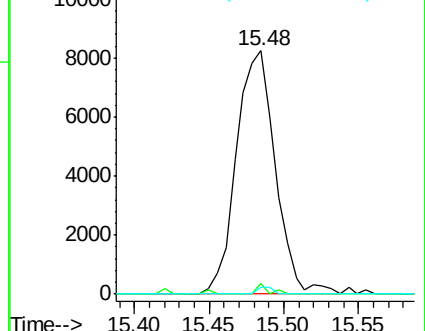
89 3.0 49.2 73.8#

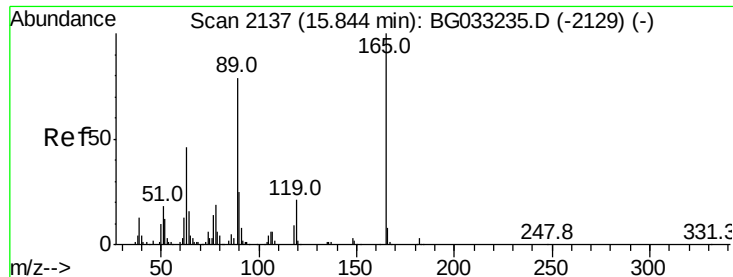


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

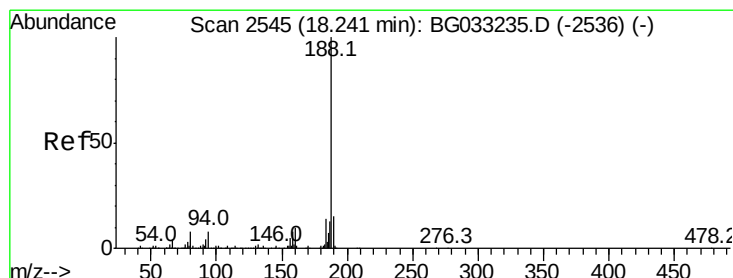
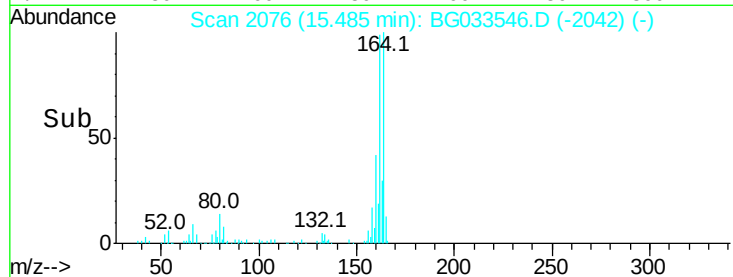
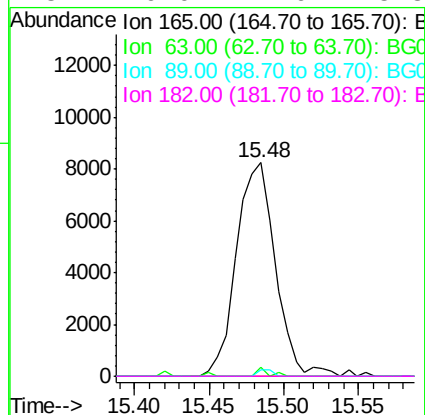
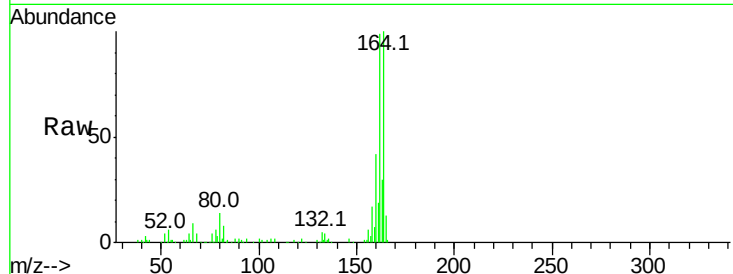




#56
 2,4-Dinitrotoluene
 Concen: 4.937 ng
 RT: 15.48 min Scan# 2076
 Delta R.T. -0.33 min
 Lab File: BG033546.D
 Acq: 4 Apr 2018 5:44

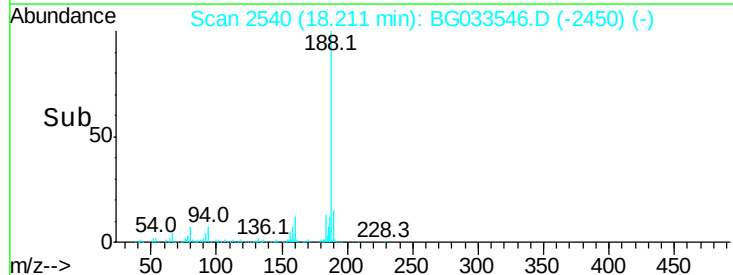
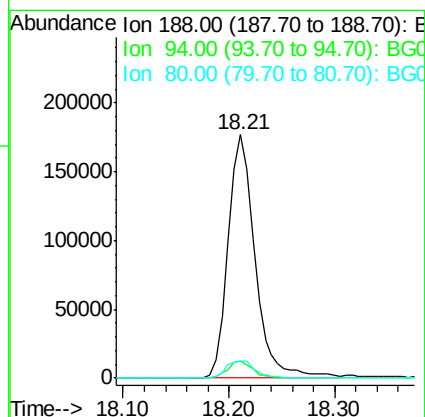
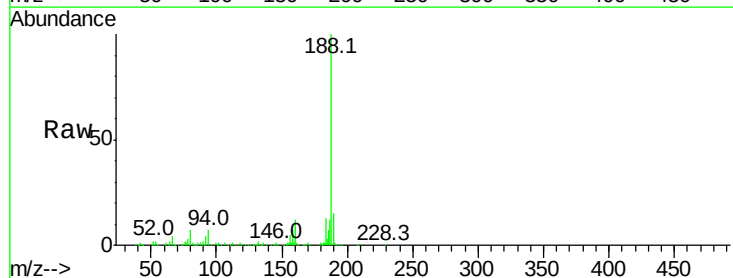
Instrument :
 BNA_G
 ClientSampleId :

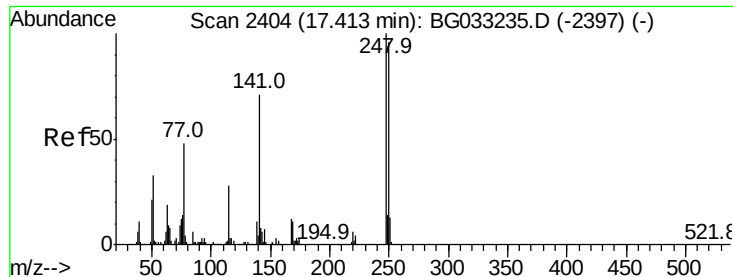
Tot Ion:165 Resp: 14940
 Ion Ratio Lower Upper
 165 100
 63 4.2 42.0 63.0#
 89 3.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033546.D
 Acq: 4 Apr 2018 5:44

Tgt Ion:188 Resp: 312357
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.9 10.3
 80 7.3 7.7 11.5#

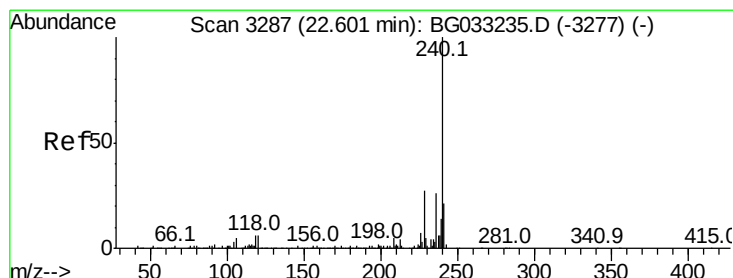
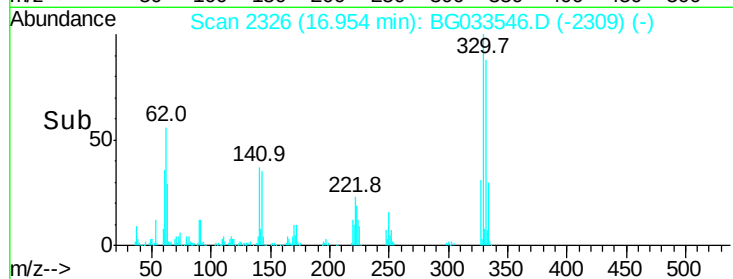
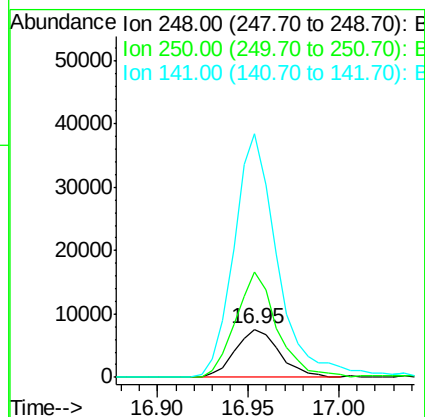
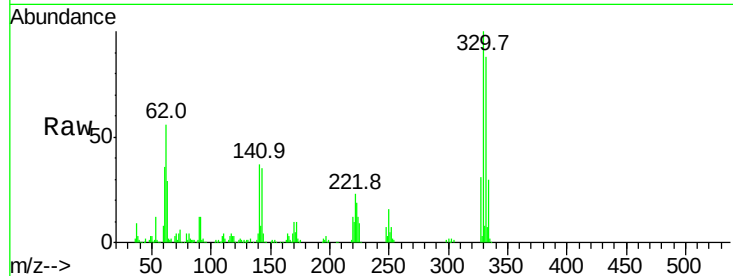




#66
4-Bromophenyl-phenylether
Concen: 3.504 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033546.D
Acq: 4 Apr 2018 5:44

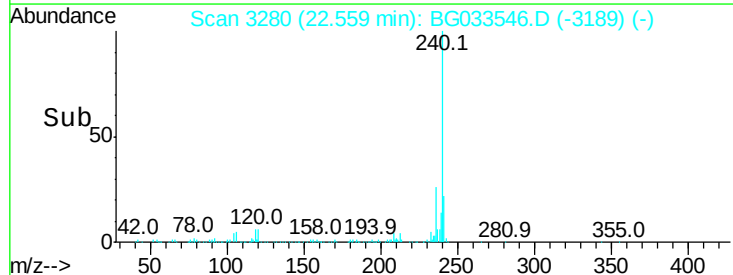
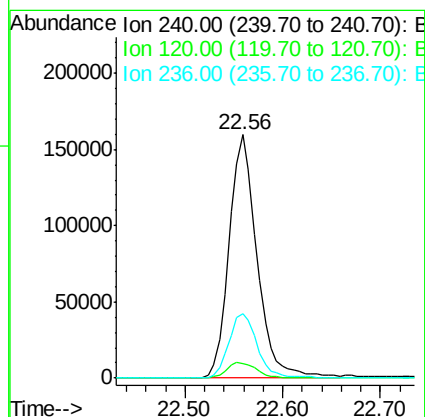
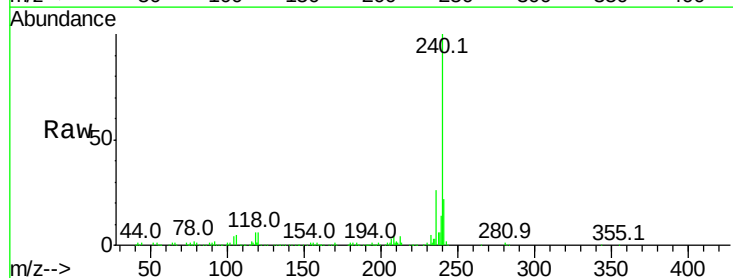
Instrument :
BNA_G
ClientSampled :

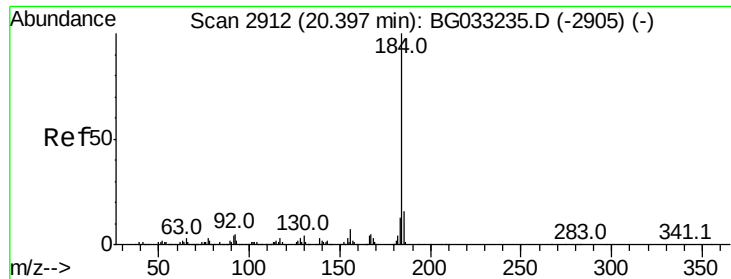
Tot Ion:248 Resp: 12855
Ion Ratio Lower Upper
248 100
250 219.1 77.1 115.7#
141 506.8 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. 0.01 min
Lab File: BG033546.D
Acq: 4 Apr 2018 5:44

Tgt Ion:240 Resp: 317453
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 26.2 20.9 31.3





#76

Benzidine

Concen: 2.992 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033546.D

Acq: 4 Apr 2018 5:44

Instrument :

BNA_G

ClientSampleId :

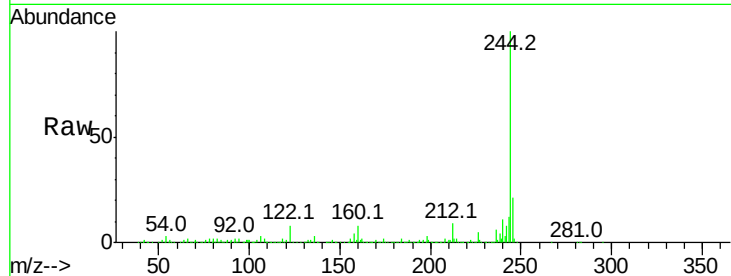
Tot Ion:184 Resp: 25756

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

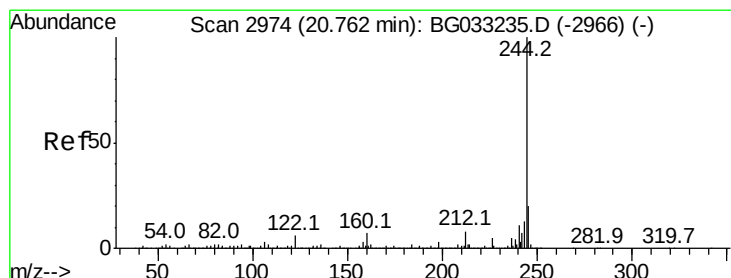
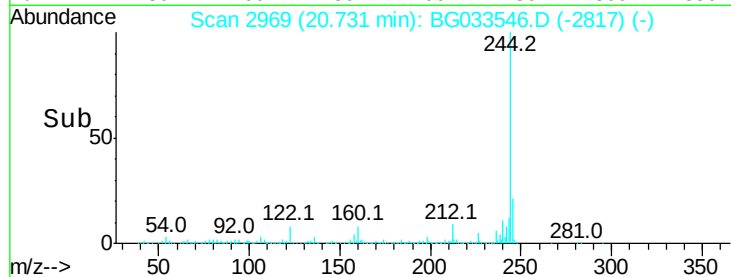
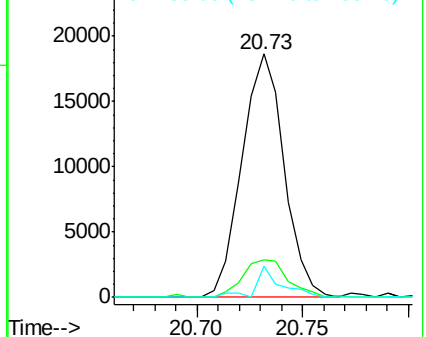
183 12.7 10.6 16.0



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: 97.808 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033546.D

Acq: 4 Apr 2018 5:44

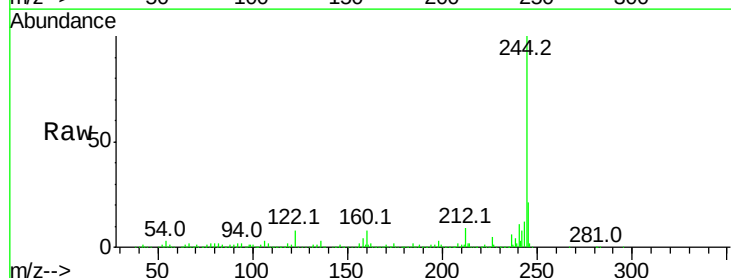
Tgt Ion:244 Resp: 1451852

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

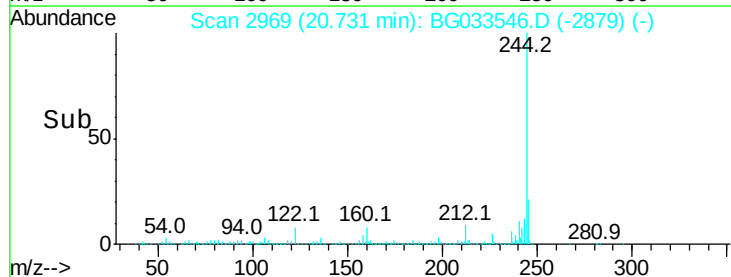
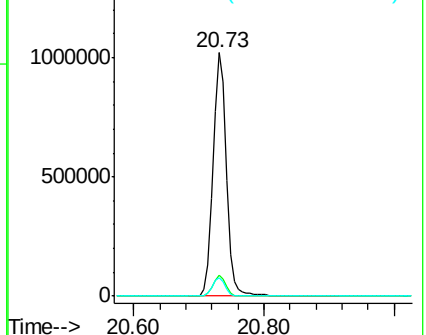
122 7.7 7.0 10.4

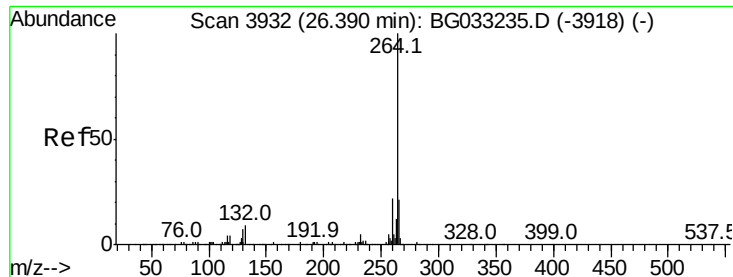


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

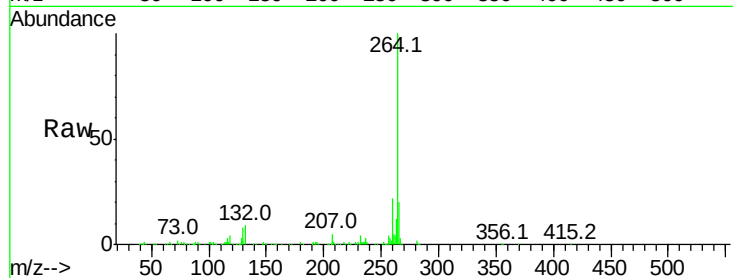




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. 0.01 min
Lab File: BG033546.D
Acq: 4 Apr 2018 5:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	20.3	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

