

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033492.D
 Acq On : 2 Apr 2018 18:09
 Operator : SJ/JU
 Sample : PB107874BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 04:00:27 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

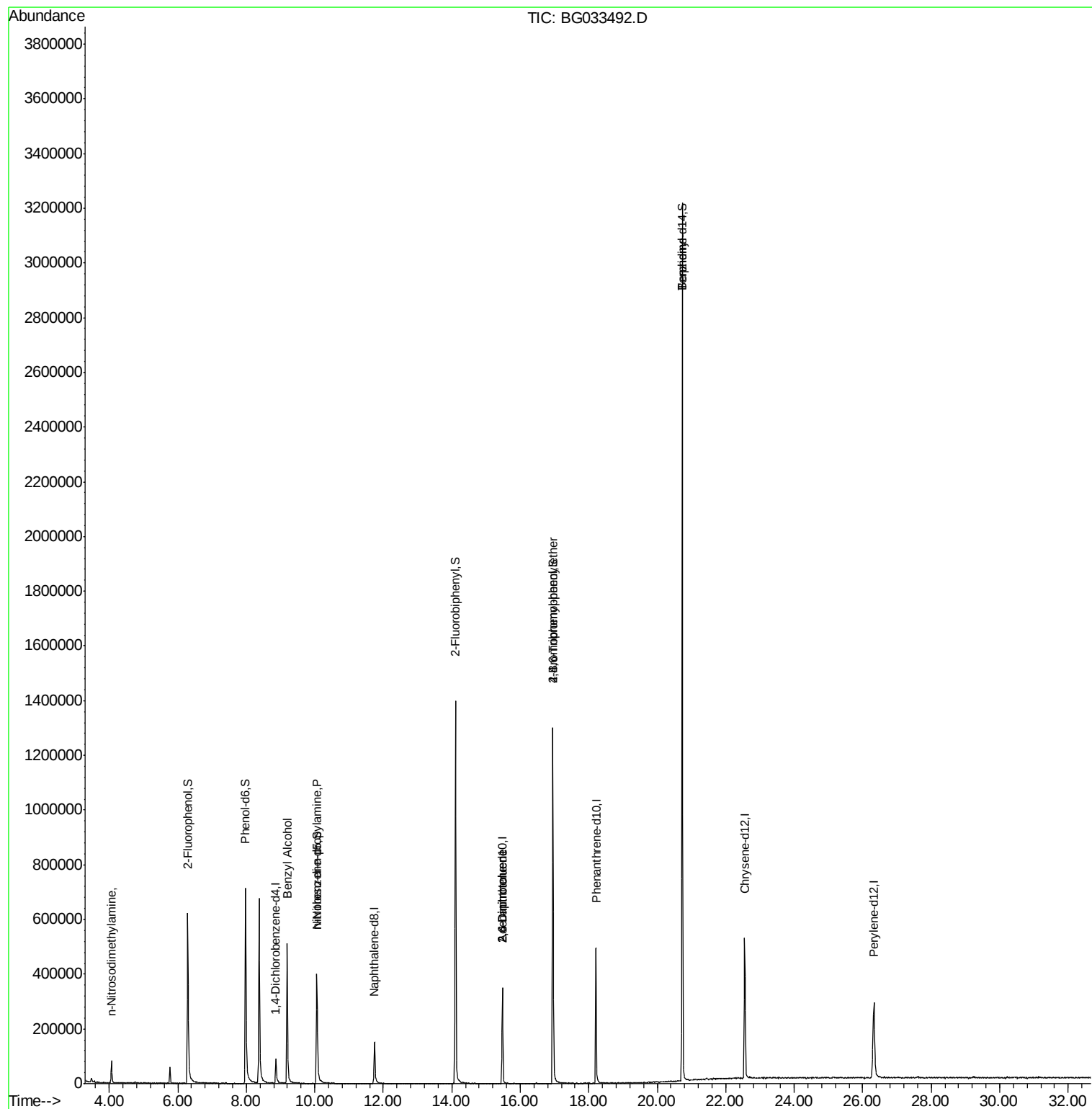
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	34567	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	159665	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	126635	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	352575	20.00	ng	0.00
75) Chrysene-d12	22.55	240	381773	20.00	ng	0.00
86) Perylene-d12	26.32	264	396796	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	335438	181.96	ng	0.00
7) Phenol-d6	7.98	99	505773	159.68	ng	0.00
23) Nitrobenzene-d5	10.06	82	323102	92.97	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	265607	140.24	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	818586	93.32	ng	0.00
78) Terphenyl-d14	20.73	244	1621080	90.81	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	4.06	42	10442	9.832	ng	# 4
15) Benzyl Alcohol	9.19	79	5573	2.235	ng	# 36
19) n-Nitroso-di-n-propylamine	10.06	70	42961	18.510	ng	# 74
50) 2,6-Dinitrotoluene	15.48	165	15995	7.098	ng	# 19
56) 2,4-Dinitrotoluene	15.48	165	15995	4.821	ng	# 17
66) 4-Bromophenyl-phenylether	16.96	248	20913	5.051	ng	# 1
76) Benizidine	20.73	184	27560	2.662	ng	# 93

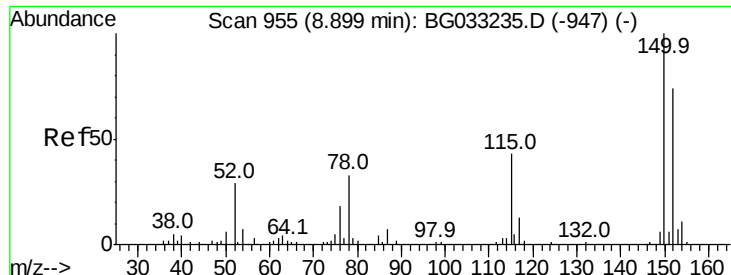
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033492.D
Acq On : 2 Apr 2018 18:09
Operator : SJ/JU
Sample : PB107874BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 03 04:00:27 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



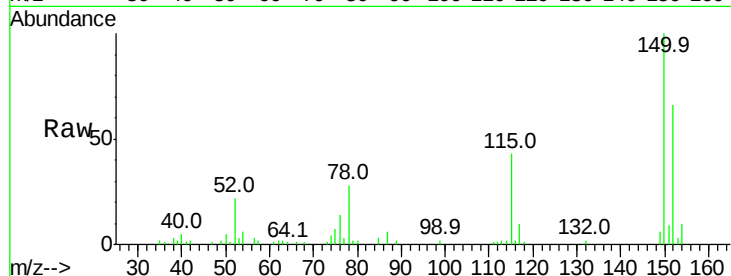


#1

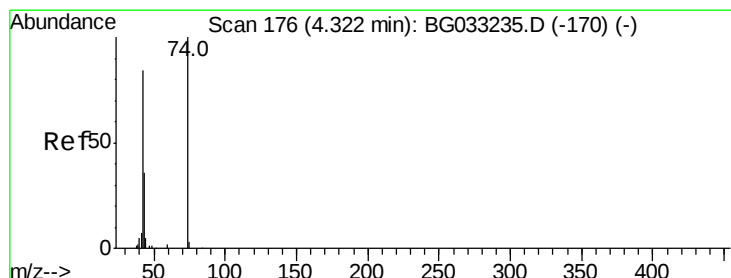
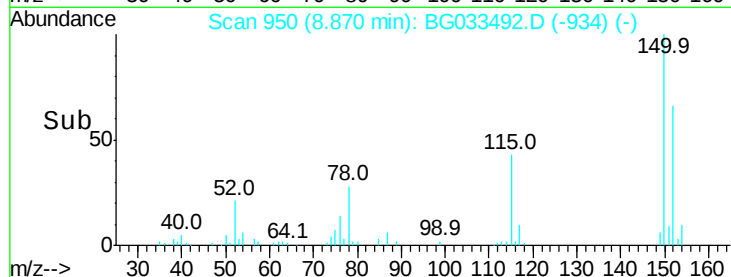
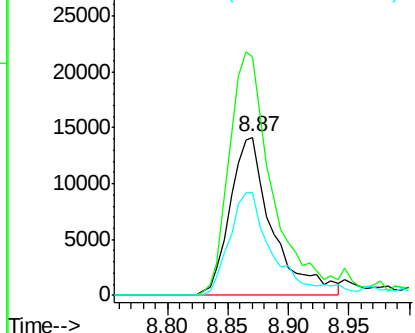
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033492.D
Acq: 2 Apr 2018 18:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 34567
Ion Ratio Lower Upper
152 100
150 150.4 126.6 189.8
115 65.3 53.0 79.4



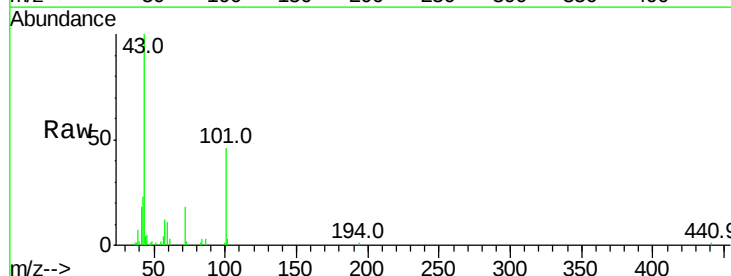
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



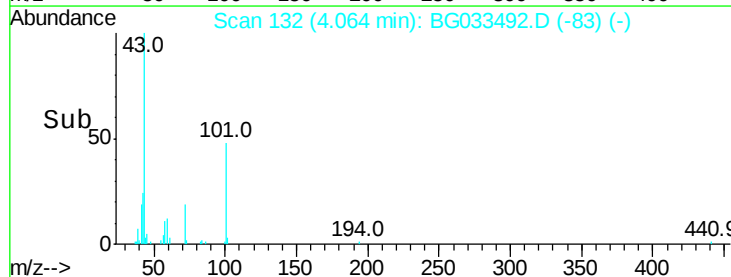
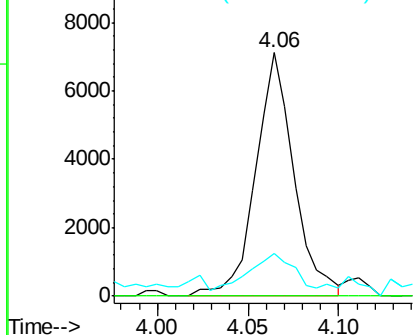
#4

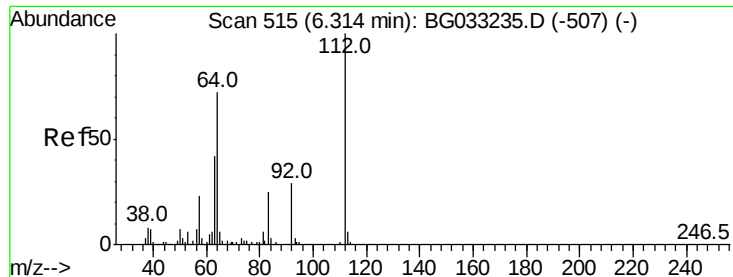
n-Nitrosodimethylamine
Concen: 9.832 ng
RT: 4.06 min Scan# 132
Delta R.T. -0.24 min
Lab File: BG033492.D
Acq: 2 Apr 2018 18:09

Tgt Ion: 42 Resp: 10442
Ion Ratio Lower Upper
42 100
74 0.0 102.5 153.7#
44 17.6 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 181.962 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.00 min

Lab File: BG033492.D

Acq: 2 Apr 2018 18:09

Instrument :

BNA_G

ClientSampleId :

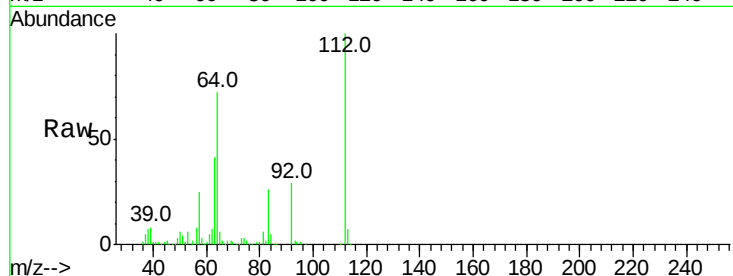
Tot Ion:112 Resp: 335438

Ion Ratio Lower Upper

112 100

64 71.9 56.3 84.5

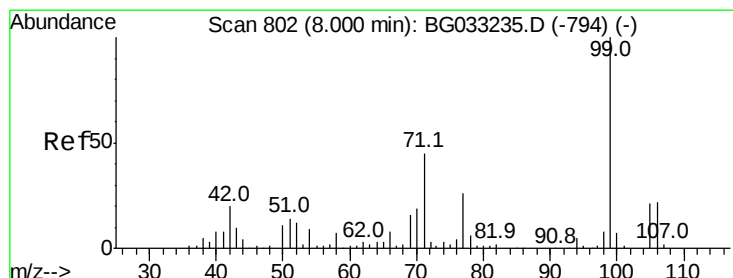
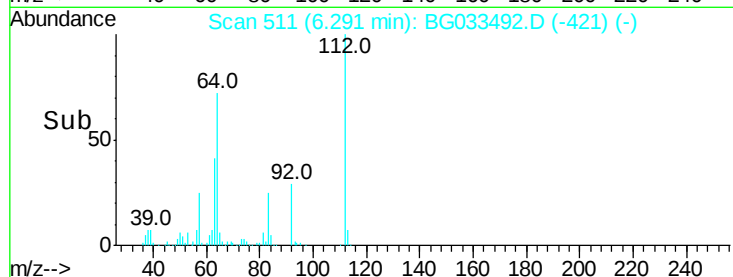
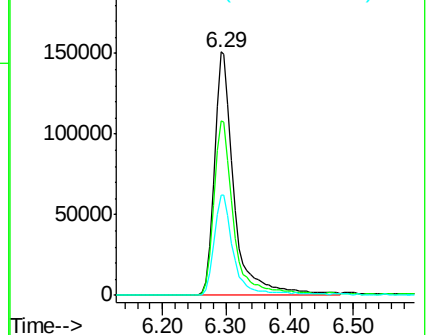
63 40.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 159.679 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033492.D

Acq: 2 Apr 2018 18:09

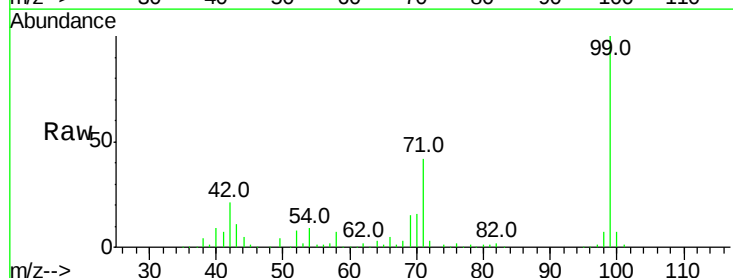
Tgt Ion: 99 Resp: 505773

Ion Ratio Lower Upper

99 100

42 20.7 14.1 21.1

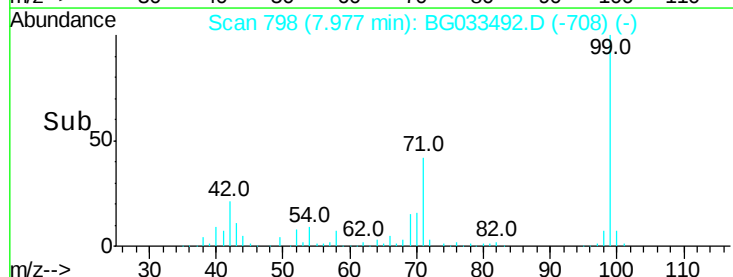
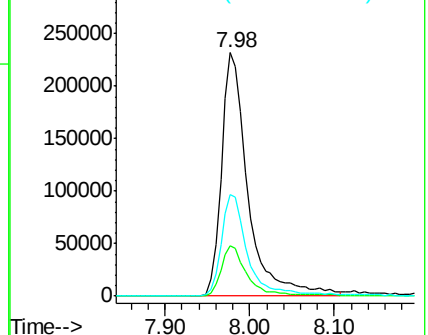
71 41.7 26.1 39.1#

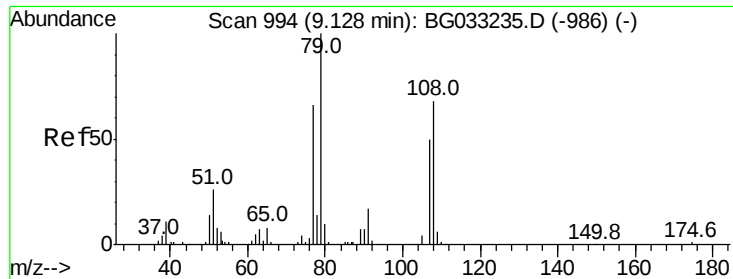


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#15

Benzyl Alcohol

Concen: 2.235 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033492.D

Acq: 2 Apr 2018 18:09

Instrument :

BNA_G

ClientSampleId :

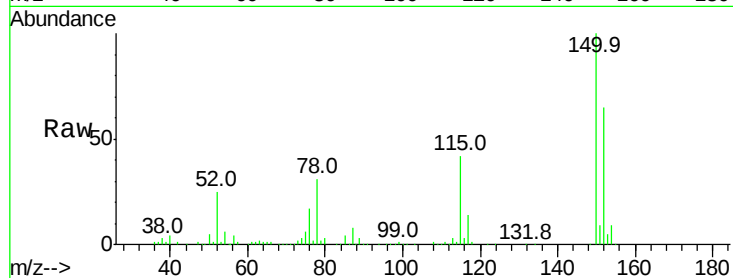
Tot Ion: 79 Resp: 5573

Ion Ratio Lower Upper

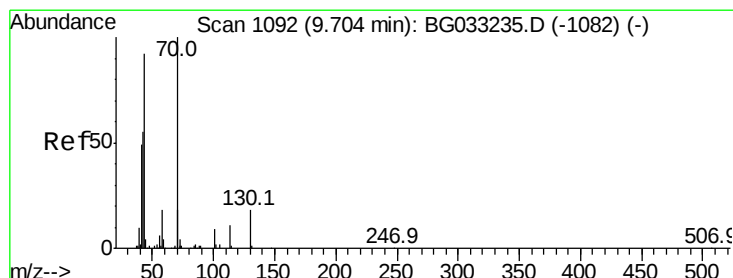
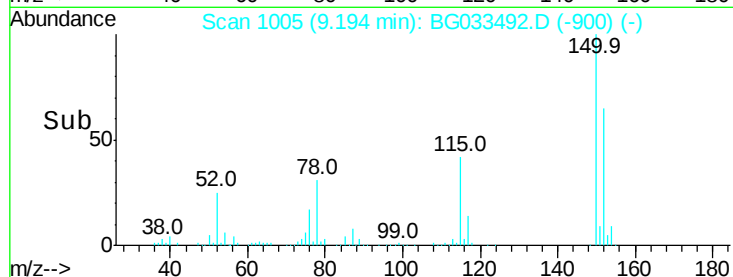
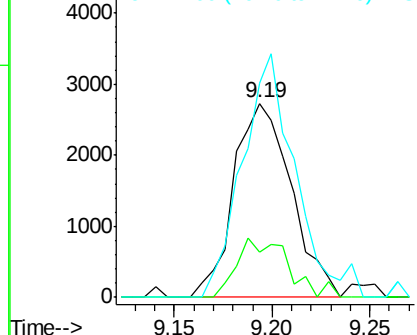
79 100

108 23.5 57.2 85.8#

77 110.5 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: 18.510 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.39 min

Lab File: BG033492.D

Acq: 2 Apr 2018 18:09

Tgt Ion: 70 Resp: 42961

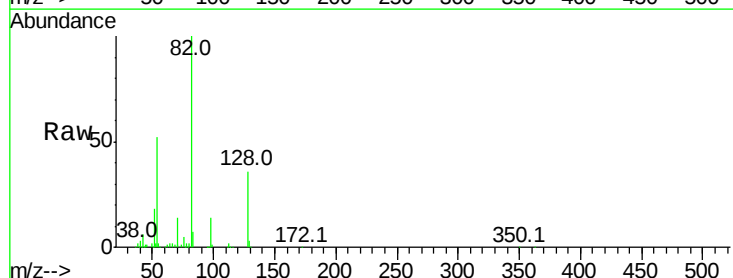
Ion Ratio Lower Upper

70 100

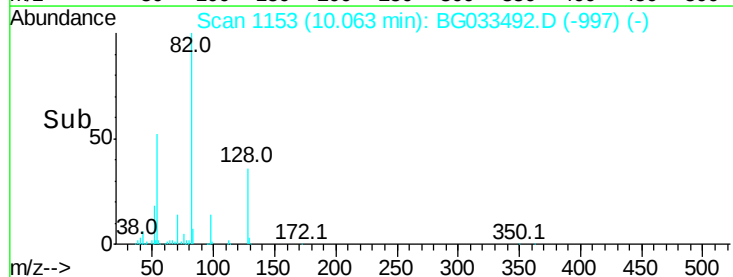
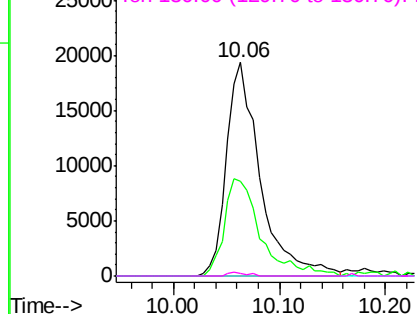
42 44.1 49.1 73.7#

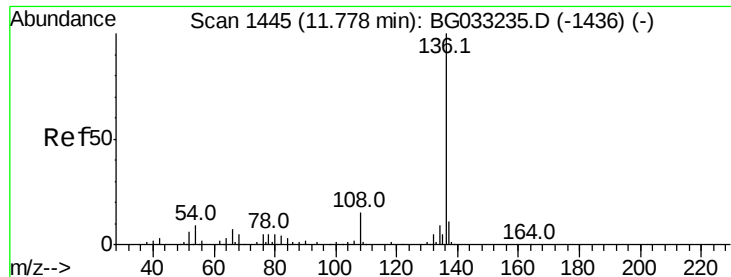
101 0.0 8.5 12.7#

130 1.1 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

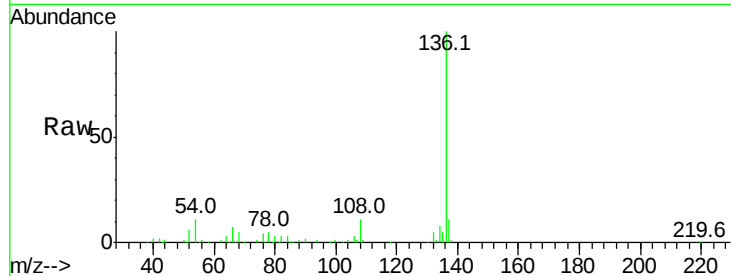




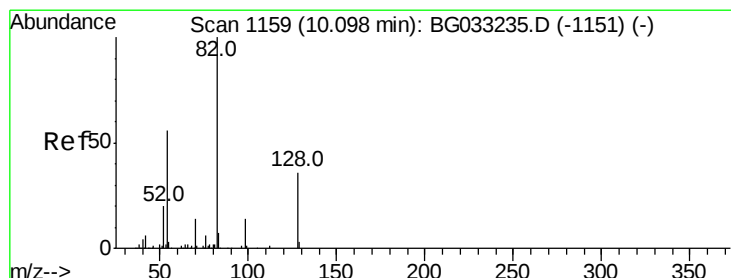
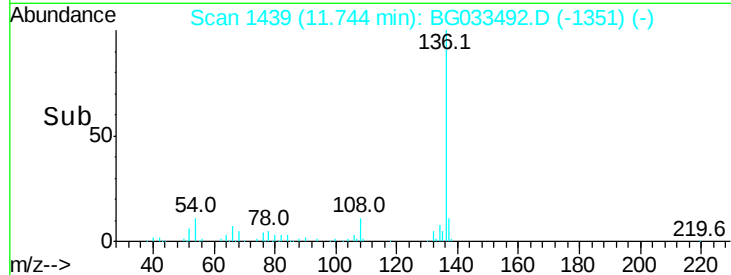
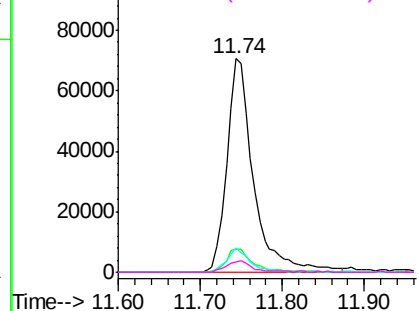
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033492.D
Acq: 2 Apr 2018 18:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	159665
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.2 13.8
54	11.1	10.3 15.5
68	4.9	4.5 6.7

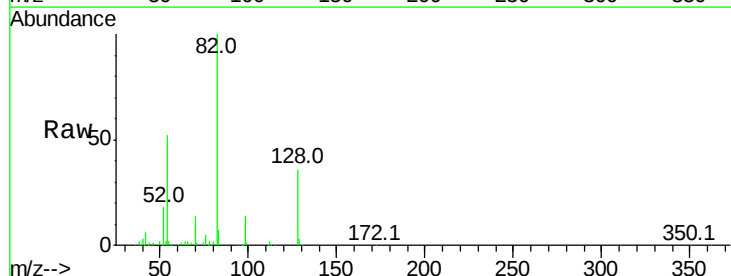


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

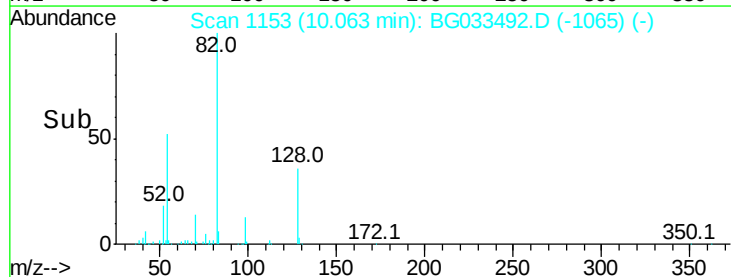
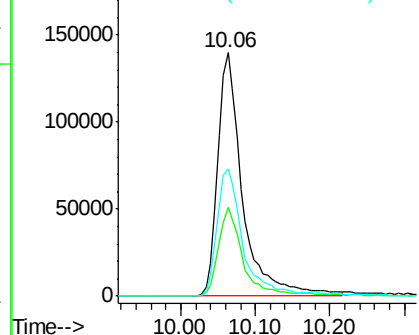


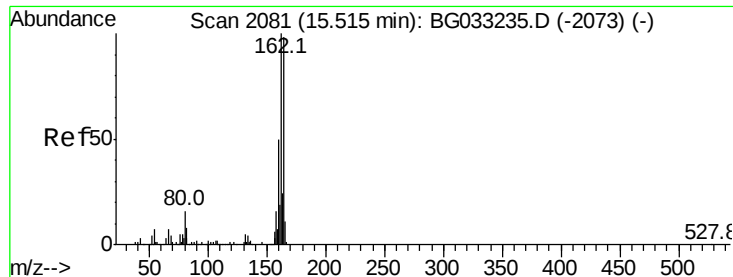
#23
Nitrobenzene-d5
Concen: 92.974 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033492.D
Acq: 2 Apr 2018 18:09

Tgt Ion: 82	Resp:	323102
Ion	Ratio	Lower Upper
82	100	
128	36.2	29.7 44.5
54	52.3	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG033492.D

Acq: 2 Apr 2018 18:09

Instrument :

BNA_G

ClientSampleId :

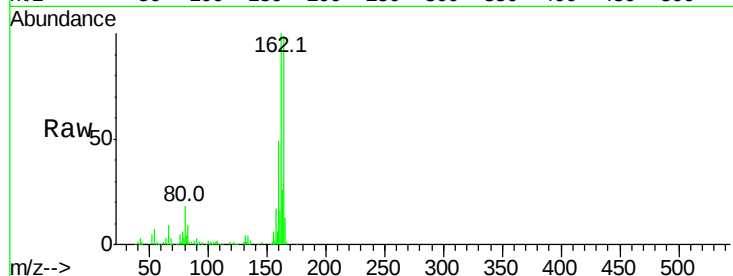
Tot Ion:164 Resp: 126635

Ion Ratio Lower Upper

164 100

162 100.9 78.8 118.2

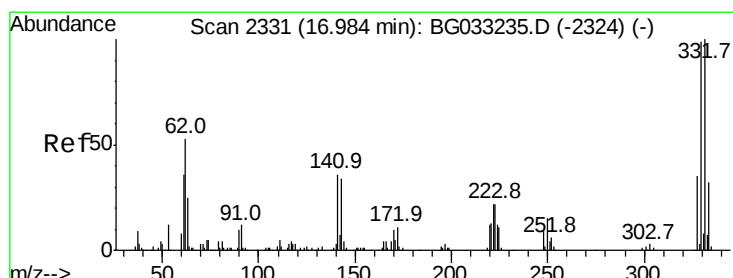
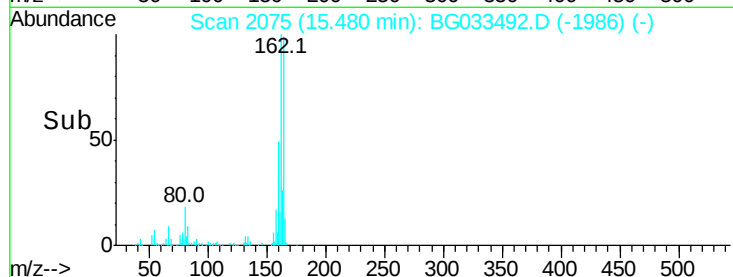
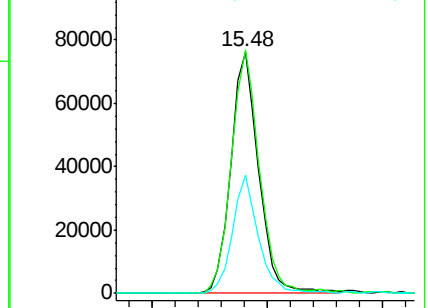
160 49.2 35.4 53.0



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: 140.238 ng

RT: 16.96 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033492.D

Acq: 2 Apr 2018 18:09

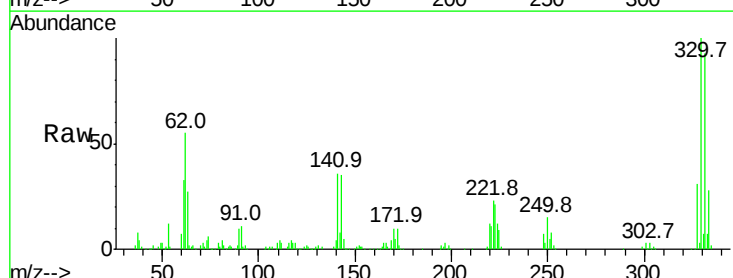
Tgt Ion:330 Resp: 265607

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

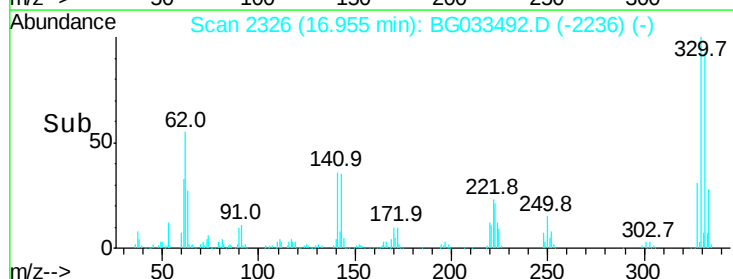
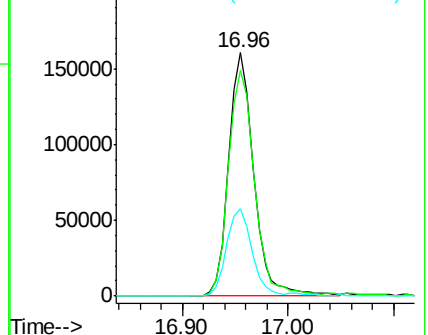
141 36.1 25.2 37.8

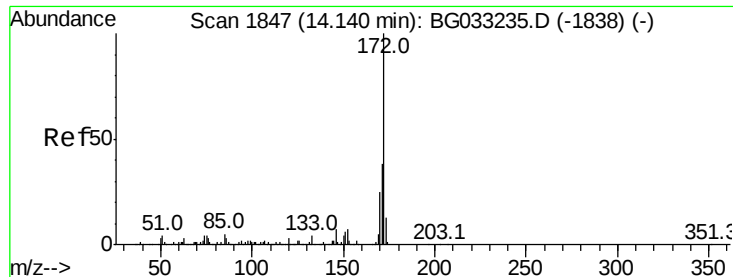


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

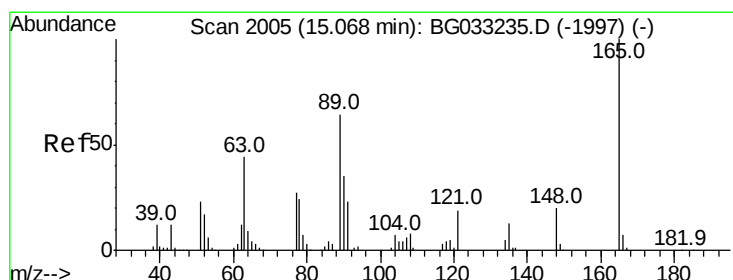
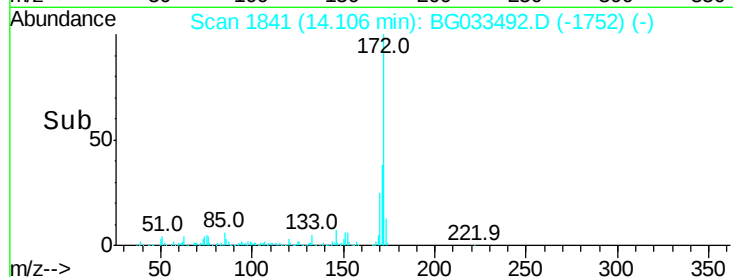
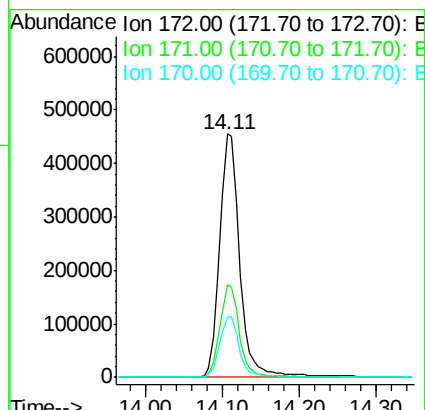
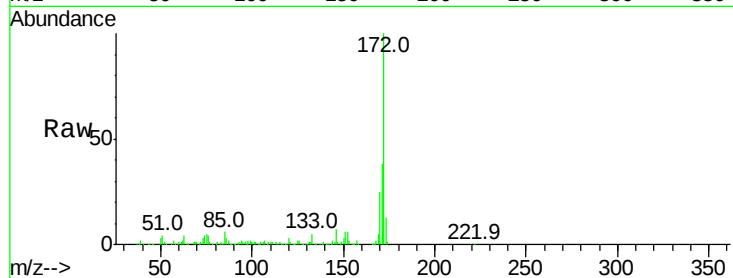




#44
 2-Fluorobiphenyl
 Concen: 93.319 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033492.D
 Acq: 2 Apr 2018 18:09

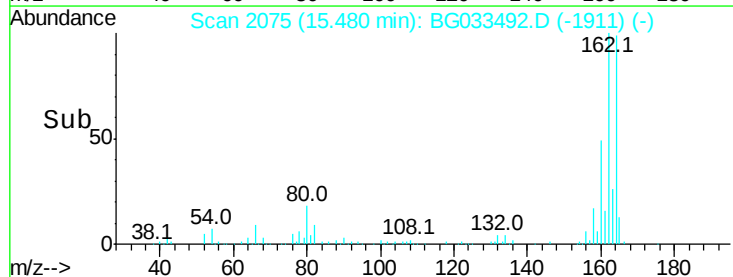
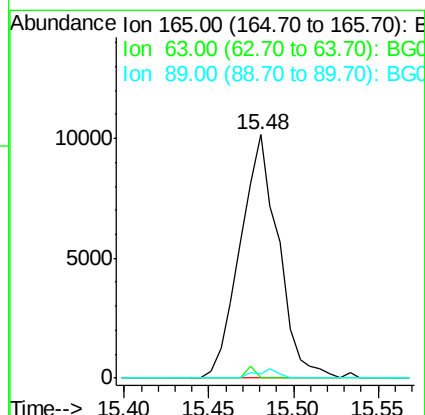
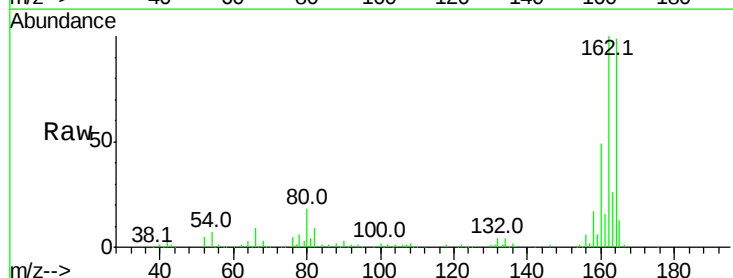
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 818586
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 24.9 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.098 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033492.D
 Acq: 2 Apr 2018 18:09

Tgt Ion:165 Resp: 15995
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.5 49.2 73.8#

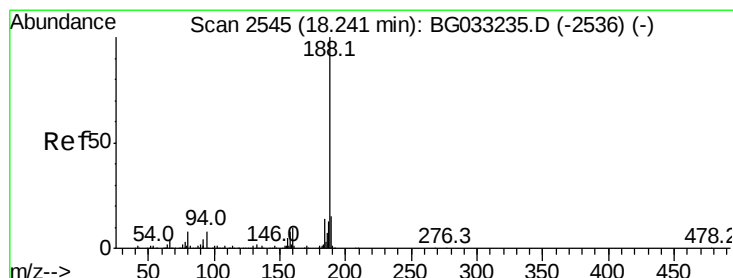
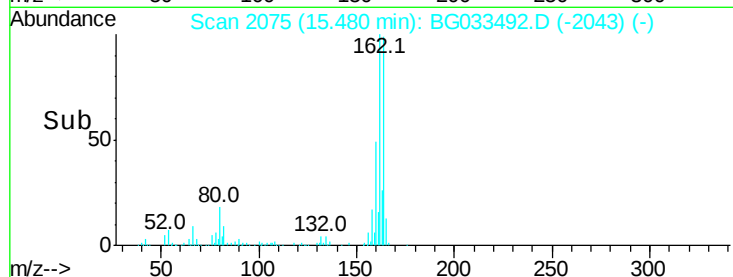
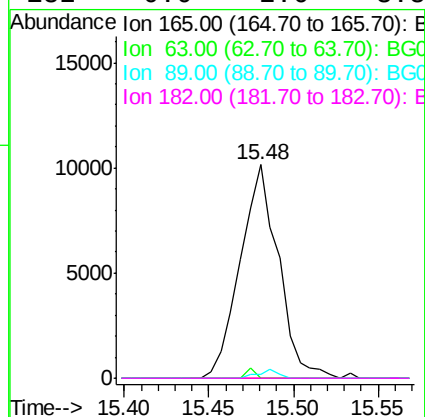
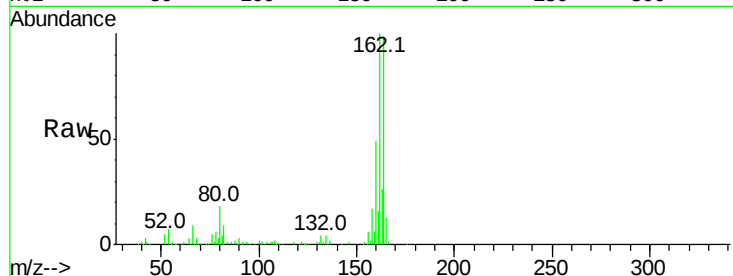




#56
2,4-Dinitrotoluene
Concen: 4.821 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033492.D
Acq: 2 Apr 2018 18:09

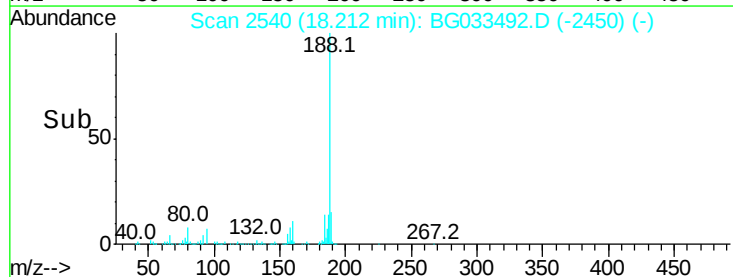
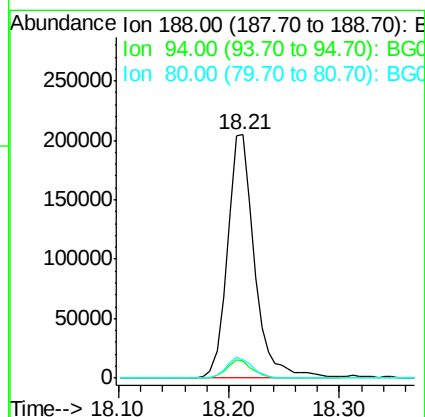
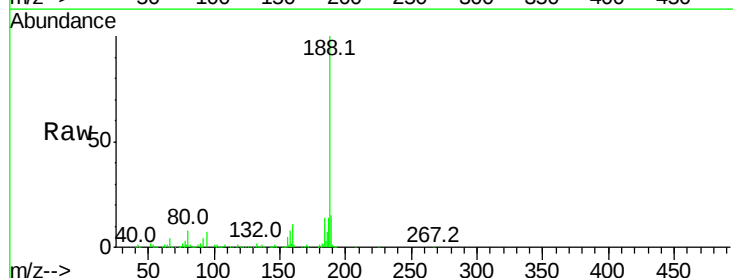
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 15995
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.5 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: BG033492.D
Acq: 2 Apr 2018 18:09

Tgt Ion:188 Resp: 352575
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 7.7 7.7 11.5

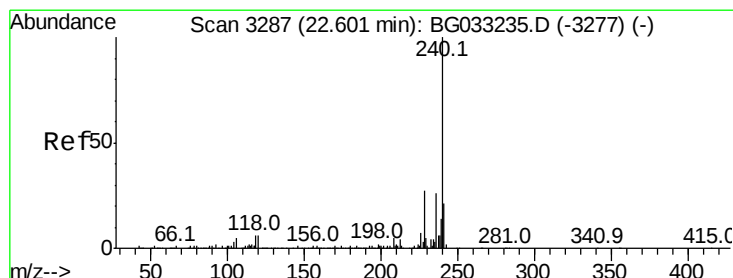
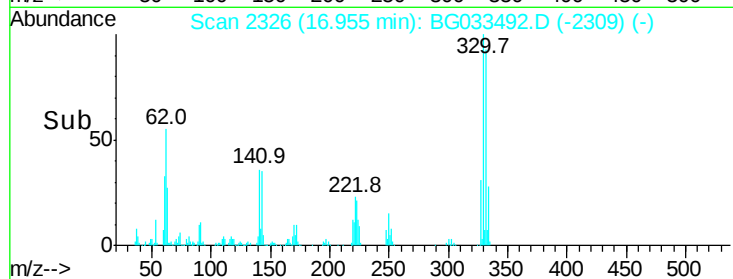
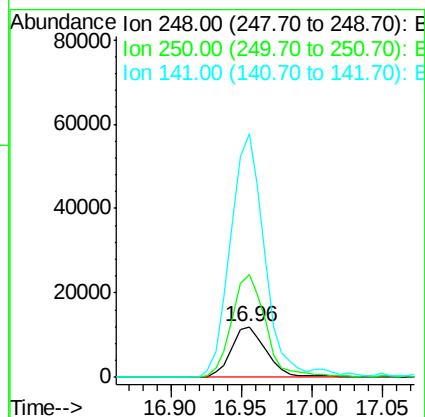
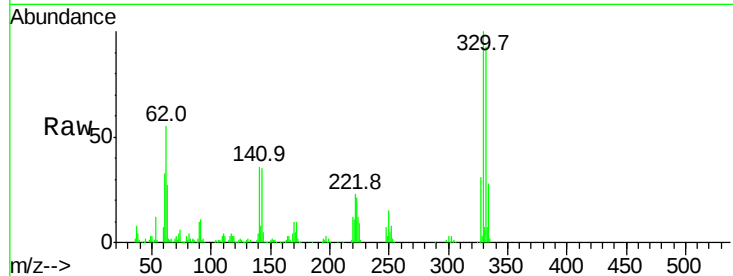




#66
 4-Bromophenyl-phenylether
 Concen: 5.051 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033492.D
 Acq: 2 Apr 2018 18:09

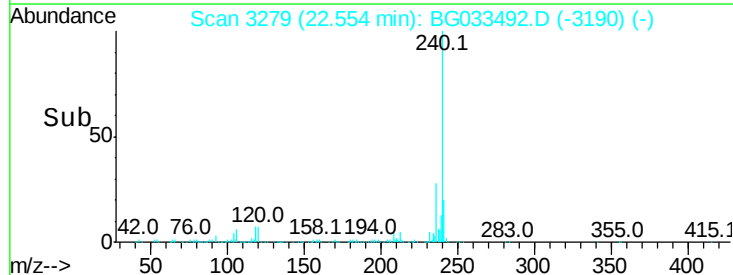
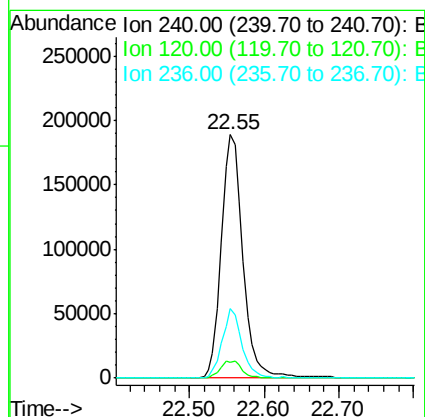
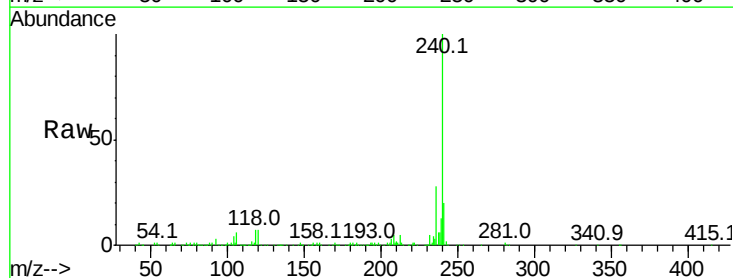
Instrument :
 BNA_G
 ClientSampled :

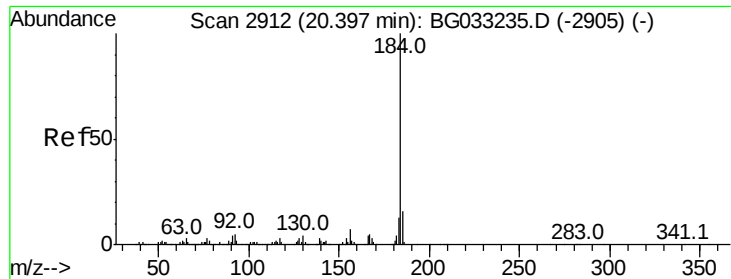
Tot Ion:248 Resp: 20913
 Ion Ratio Lower Upper
 248 100
 250 203.8 77.1 115.7#
 141 482.9 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.01 min
 Lab File: BG033492.D
 Acq: 2 Apr 2018 18:09

Tgt Ion:240 Resp: 381773
 Ion Ratio Lower Upper
 240 100
 120 6.7 6.8 10.2#
 236 28.4 20.9 31.3

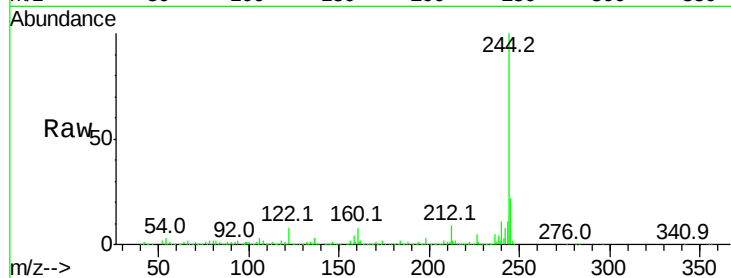




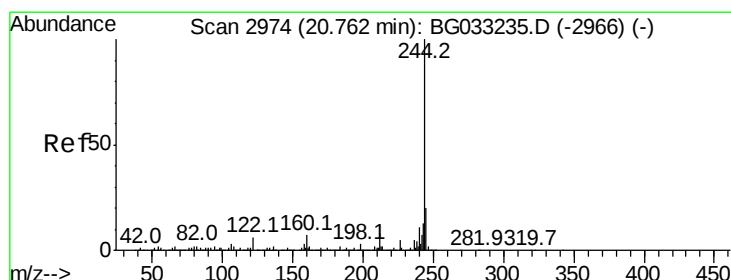
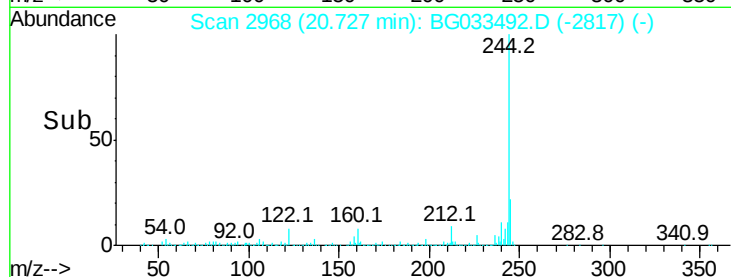
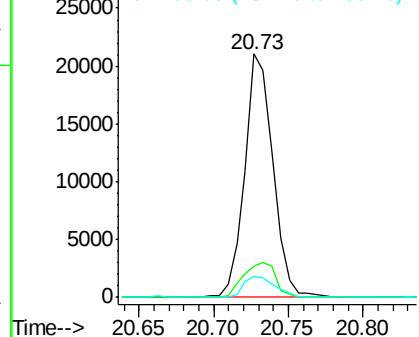
#76
Benzidine
Concen: 2.662 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033492.D
Acq: 2 Apr 2018 18:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 27560
Ion Ratio Lower Upper
184 100
185 12.9 11.1 16.7
183 8.7 10.6 16.0#

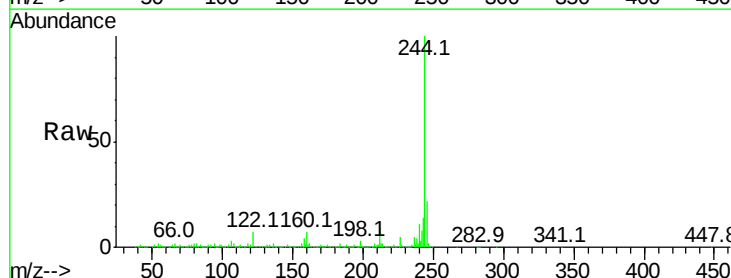


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

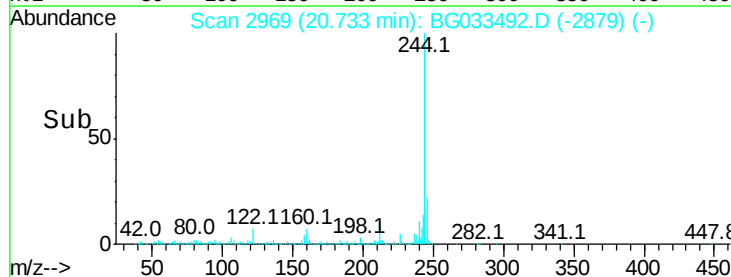
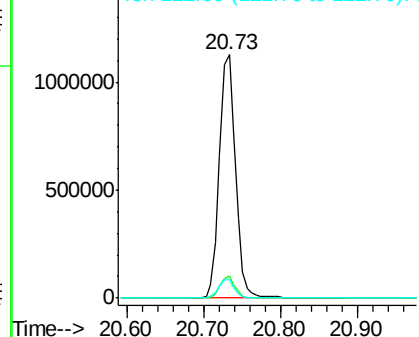


#78
Terphenyl-d14
Concen: 90.809 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033492.D
Acq: 2 Apr 2018 18:09

Tgt Ion:244 Resp: 1621080
Ion Ratio Lower Upper
244 100
212 8.9 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: 26.32 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BG033492.D
 Acq: 2 Apr 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	23.0	17.7	26.5

