

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033191.D
 Acq On : 16 Mar 2018 00:10
 Operator : SJ/JU
 Sample : J1928-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 16 04:56:59 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

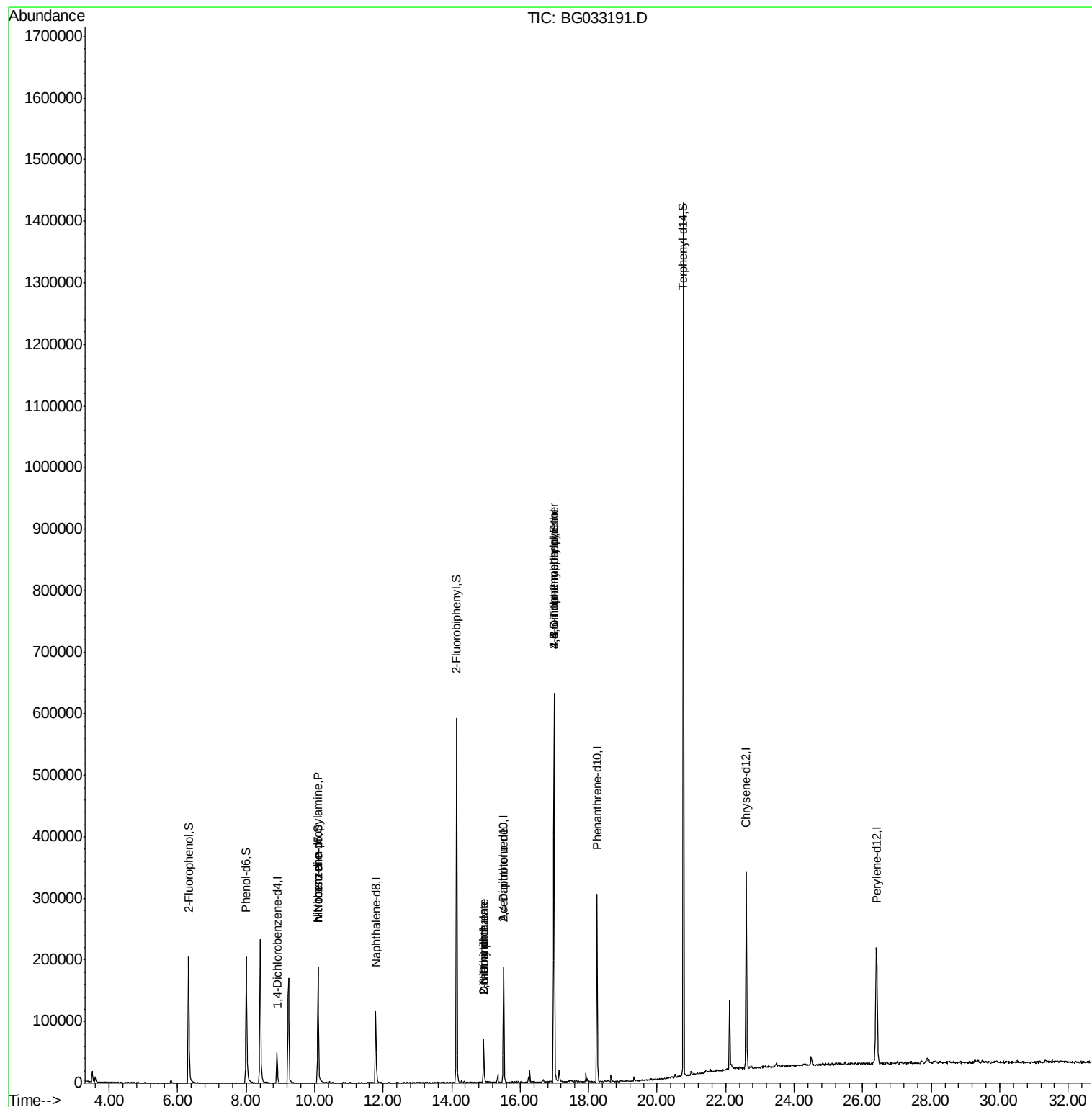
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	17940	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	115853	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	71632	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	197403	20.00	ng	0.00
75) Chrysene-d12	22.60	240	212544	20.00	ng	0.00
86) Perylene-d12	26.41	264	240097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	114280	101.91	ng	0.00
7) Phenol-d6	8.00	99	151453	96.90	ng	0.00
23) Nitrobenzene-d5	10.09	82	128113	77.70	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	136500	181.23	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	337252	67.90	ng	0.00
78) Terphenyl-d14	20.77	244	688411	72.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.10	70	17838	16.166	ng	# 86
24) Nitrobenzene	10.10	77	329	6.535	ng	# 42
47) 2-Nitroaniline	14.94	65	566	10.217	ng	# 1
49) Dimethylphthalate	14.94	163	50287	8.268	ng	99
50) 2,6-Dinitrotoluene	14.93	165	567	9.357	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	8854	14.258	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.99	198	81	5.122	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	8891	4.260	ng	# 1

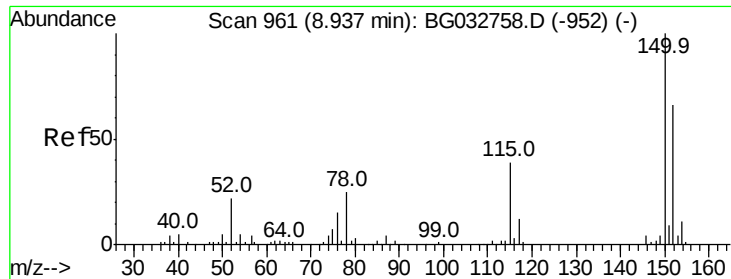
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
Data File : BG033191.D
Acq On : 16 Mar 2018 00:10
Operator : SJ/JU
Sample : J1928-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 16 04:56:59 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration



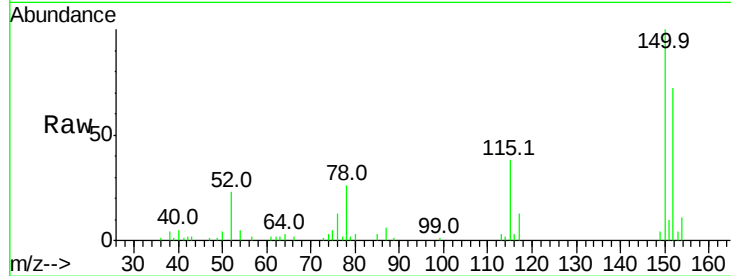


#1

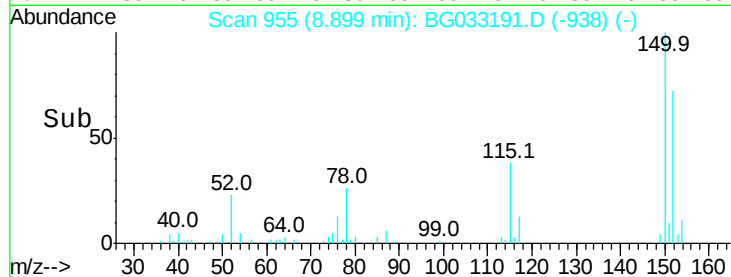
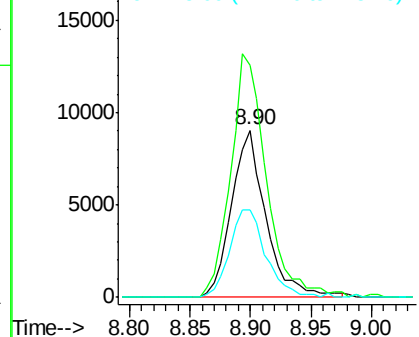
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033191.D
Acq: 16 Mar 2018 00:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 17940
Ion Ratio Lower Upper
152 100
150 138.7 126.6 189.8
115 52.0 53.0 79.4#



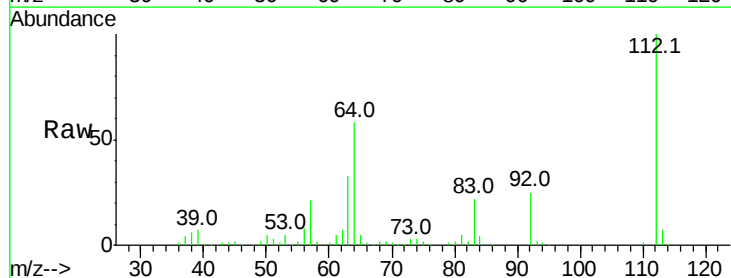
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



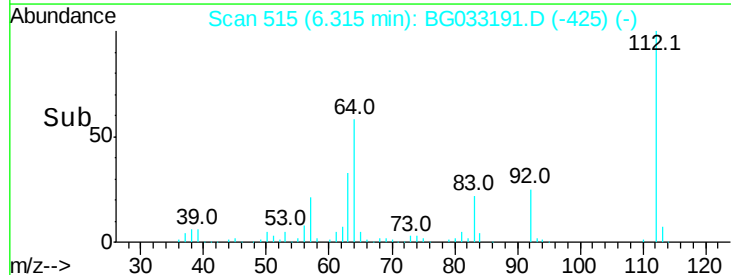
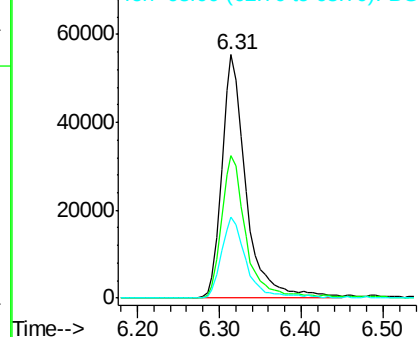
#5

2-Fluorophenol
Concen: 101.913 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033191.D
Acq: 16 Mar 2018 00:10

Tgt Ion:112 Resp: 114280
Ion Ratio Lower Upper
112 100
64 58.4 56.3 84.5
63 33.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 96.898 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033191.D

Acq: 16 Mar 2018 00:10

Instrument :

BNA_G

ClientSampleId :

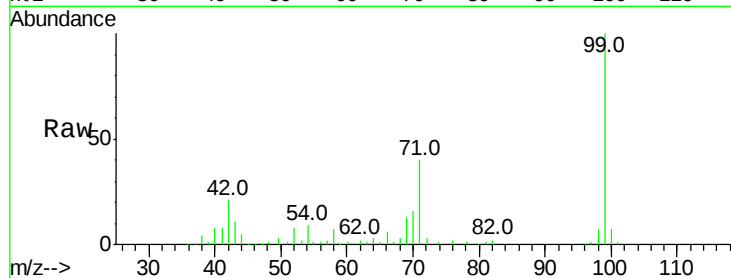
Tot Ion: 99 Resp: 151453

Ion Ratio Lower Upper

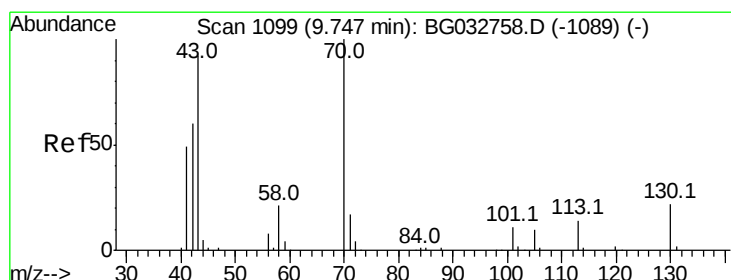
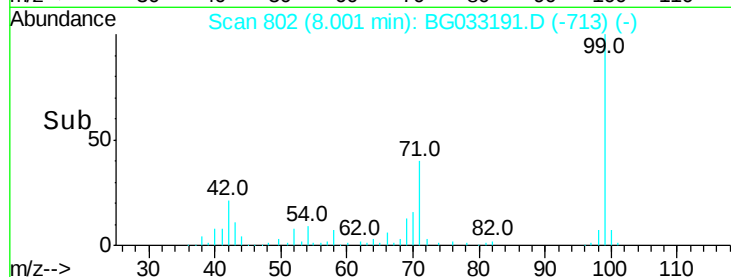
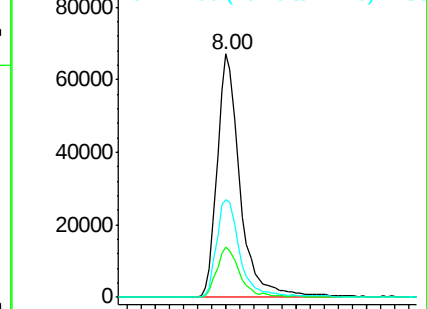
99 100

42 20.7 14.1 21.1

71 40.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.166 ng

RT: 10.10 min Scan# 1159

Delta R.T. 0.38 min

Lab File: BG033191.D

Acq: 16 Mar 2018 00:10

Tgt Ion: 70 Resp: 17838

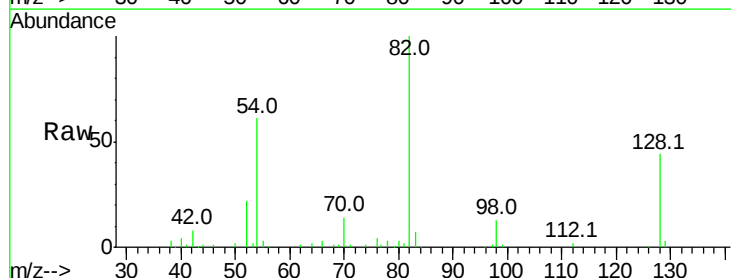
Ion Ratio Lower Upper

70 100

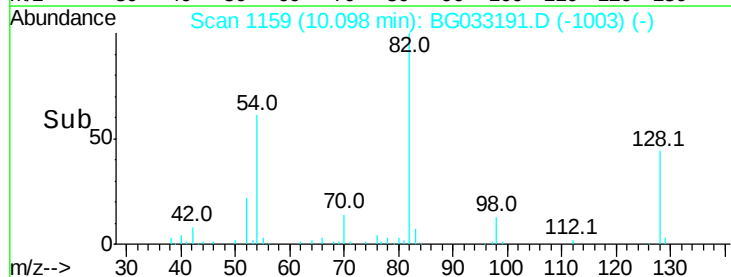
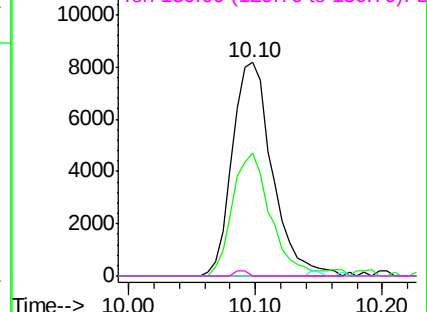
42 57.3 49.1 73.7

101 0.0 8.5 12.7#

130 0.0 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

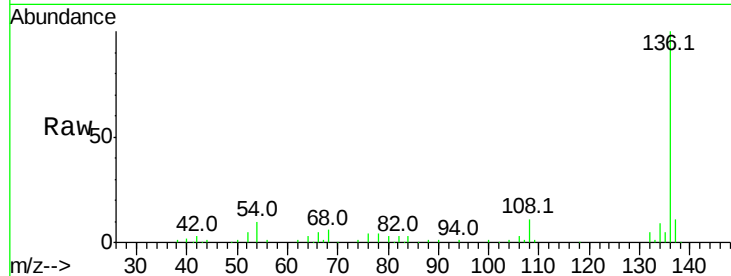




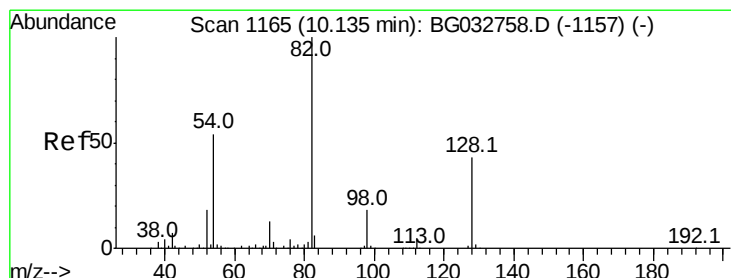
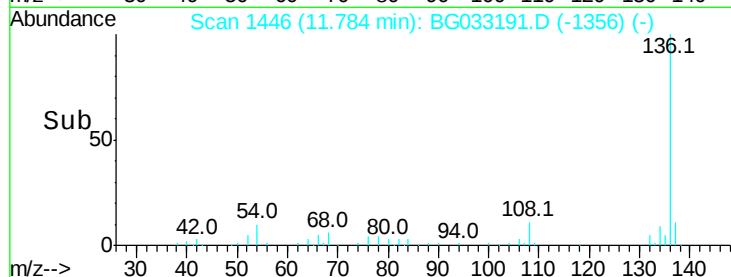
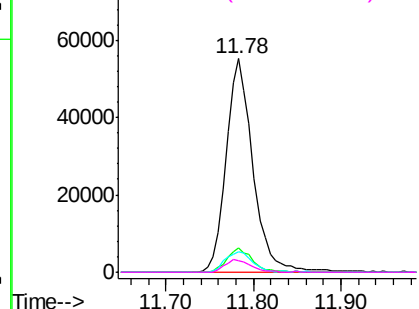
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG033191.D
Acq: 16 Mar 2018 00:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	115853
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	9.8	10.3	15.5
68	5.6	4.5	6.7

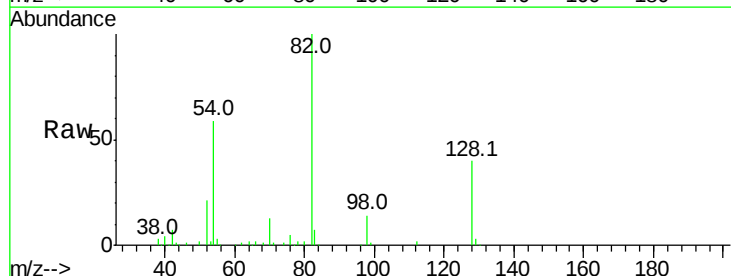


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

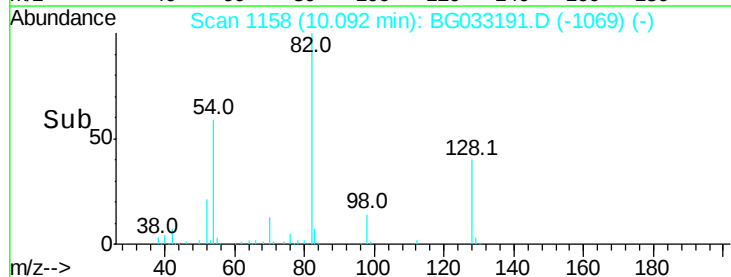
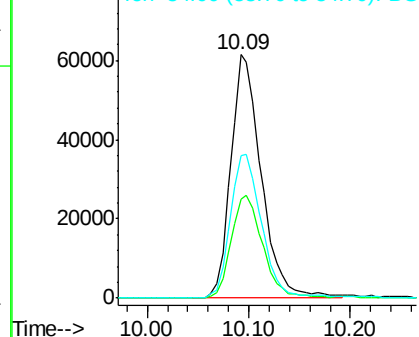


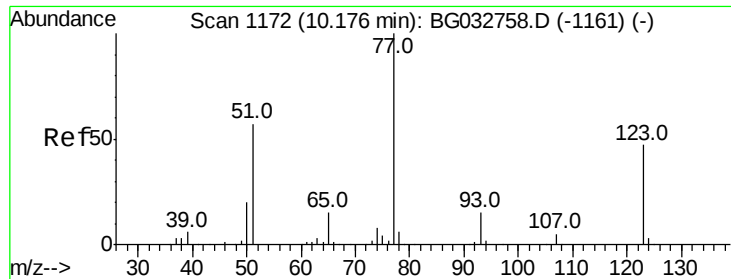
#23
Nitrobenzene-d5
Concen: 77.702 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG033191.D
Acq: 16 Mar 2018 00:10

Tgt Ion:	82	Resp:	128113
Ion	Ratio	Lower	Upper
82	100		
128	40.5	29.7	44.5
54	58.8	43.1	64.7



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





#24

Nitrobenzene

Concen: 6.535 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.05 min

Lab File: BG033191.D

Acq: 16 Mar 2018 00:10

Instrument :

BNA_G

ClientSampleId :

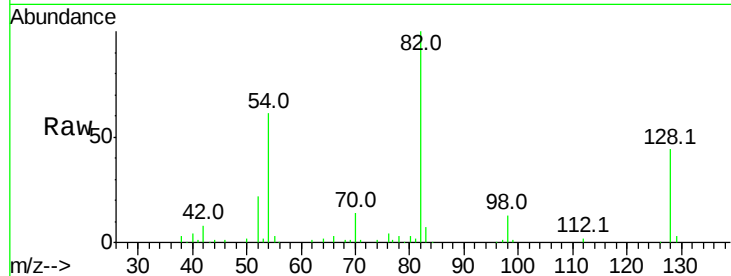
Tot Ion: 77 Resp: 329

Ion Ratio Lower Upper

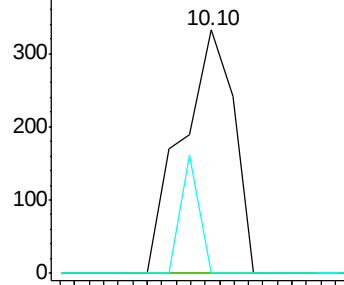
77 100

123 0.0 33.0 49.6#

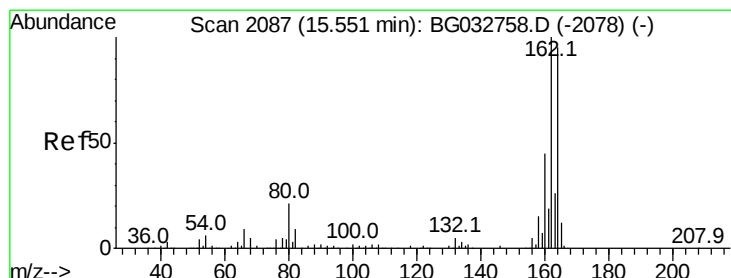
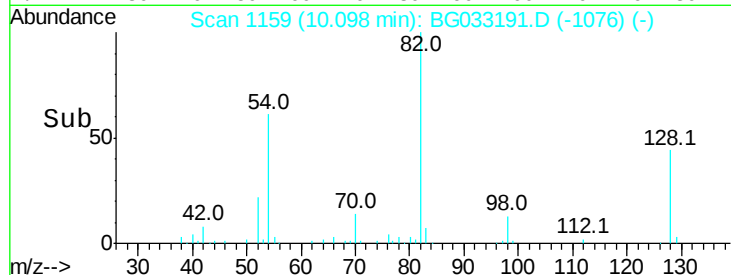
65 0.0 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG033191.D

Acq: 16 Mar 2018 00:10

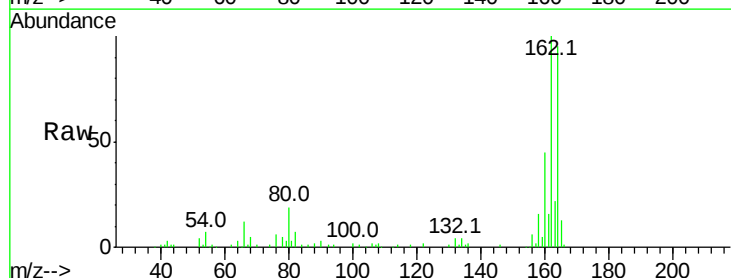
Tgt Ion:164 Resp: 71632

Ion Ratio Lower Upper

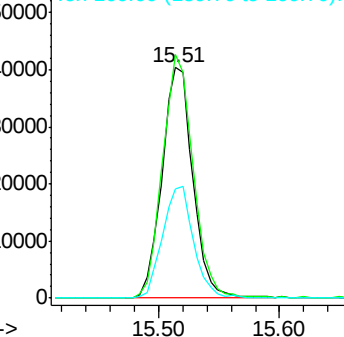
164 100

162 105.7 78.8 118.2

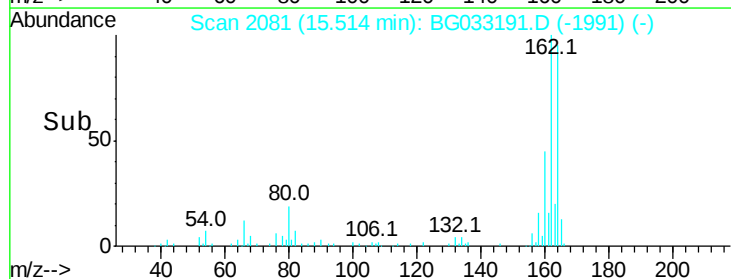
160 47.3 35.4 53.0

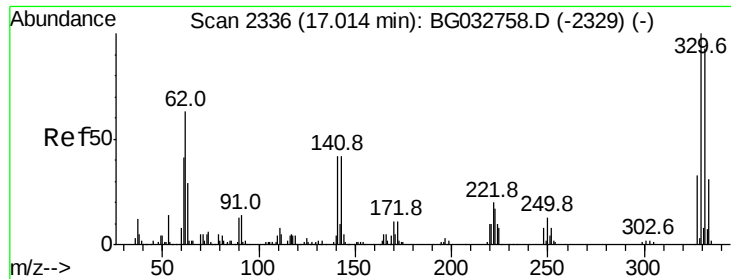


Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



Time-->

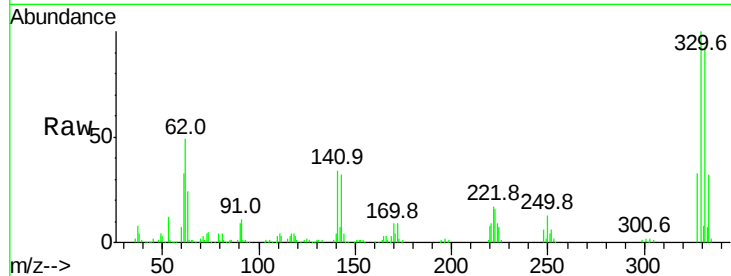




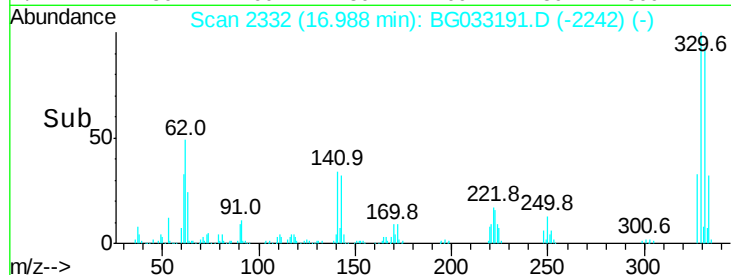
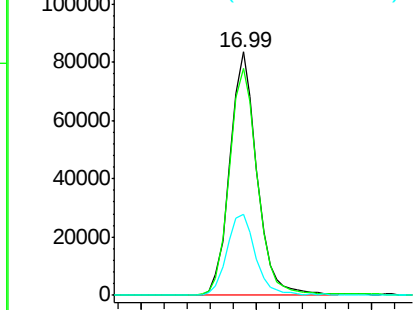
#41
 2,4,6-Tribromophenol
 Concen: 181.230 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG033191.D
 Acq: 16 Mar 2018 00:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 136500
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 35.1 25.2 37.8

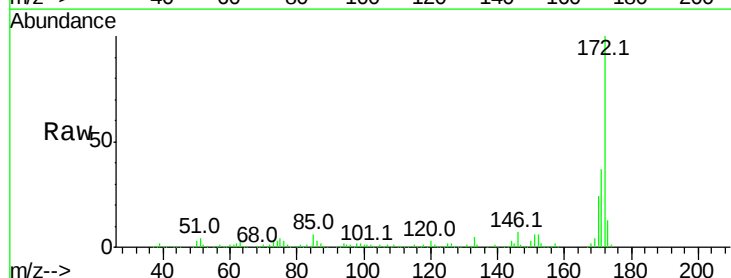


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

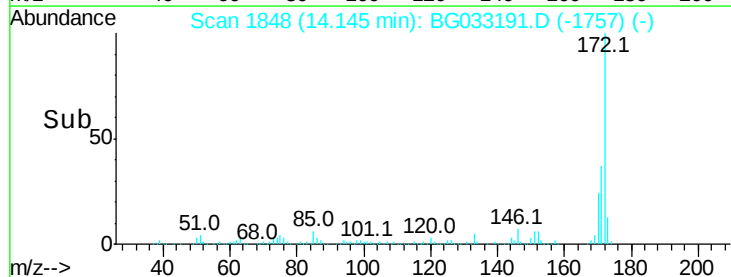
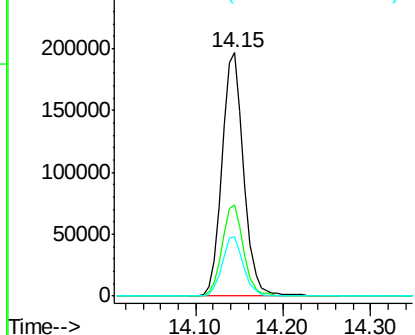


#44
 2-Fluorobiphenyl
 Concen: 67.903 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033191.D
 Acq: 16 Mar 2018 00:10

Tgt Ion:172 Resp: 337252
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.2 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

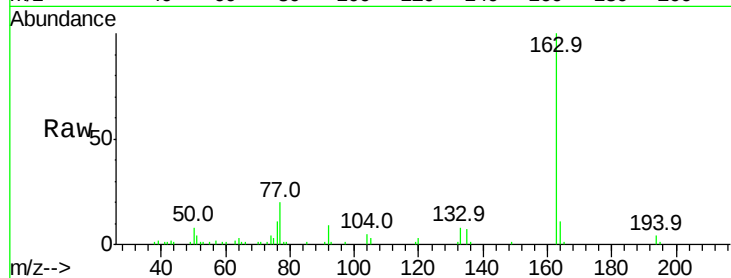




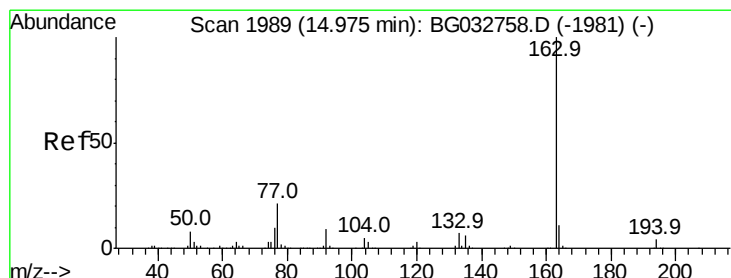
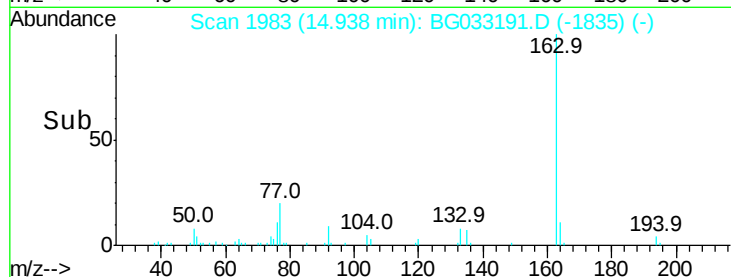
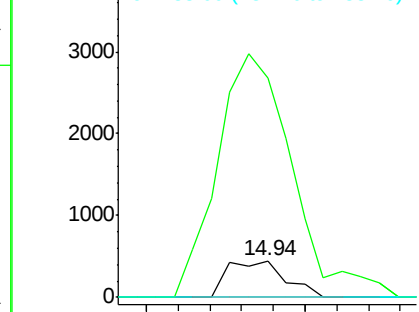
#47
2-Nitroaniline
Concen: 10.217 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.34 min
Lab File: BG033191.D
Acq: 16 Mar 2018 00:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 566
Ion Ratio Lower Upper
65 100
92 603.6 54.6 82.0#
138 0.0 72.9 109.3#

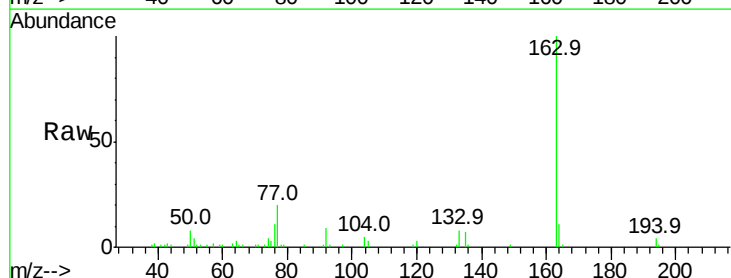


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

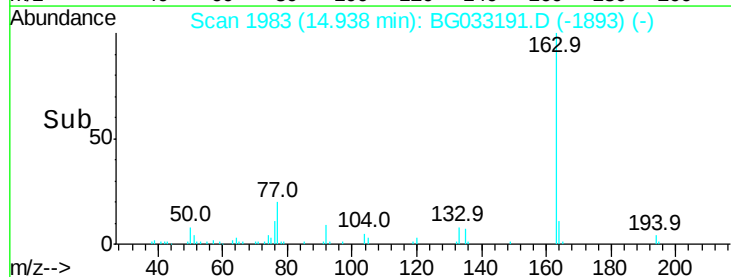
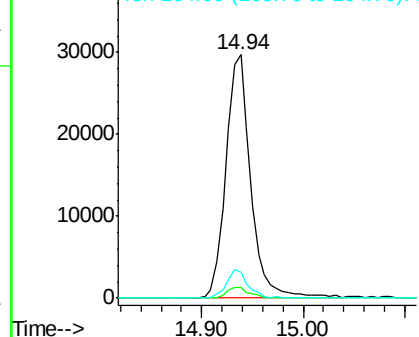


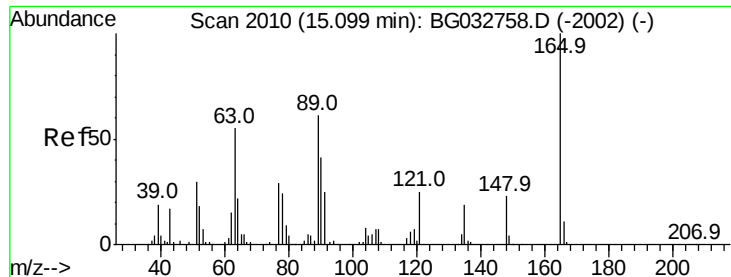
#49
Dimethylphthalate
Concen: 8.268 ng
RT: 14.94 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG033191.D
Acq: 16 Mar 2018 00:10

Tgt Ion:163 Resp: 50287
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.8 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

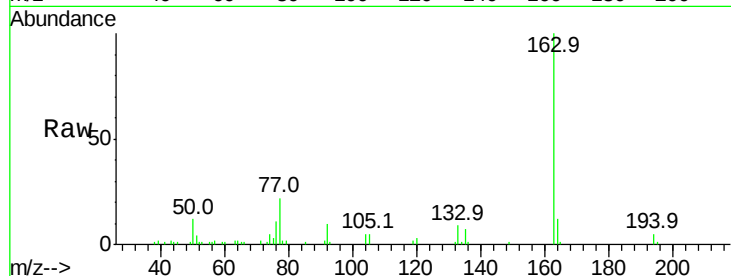




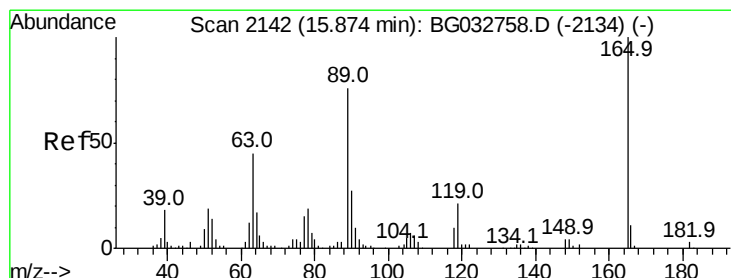
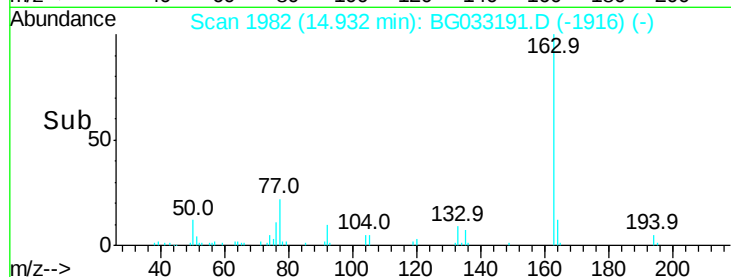
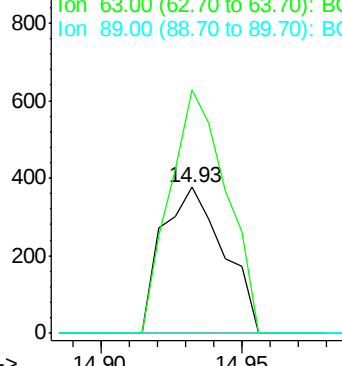
#50
2,6-Dinitrotoluene
Concen: 9.357 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.15 min
Lab File: BG033191.D
Acq: 16 Mar 2018 00:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 567
Ion Ratio Lower Upper
165 100
63 167.0 52.7 79.1#
89 0.0 49.2 73.8#

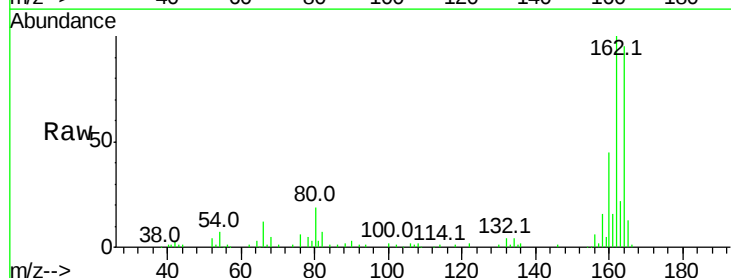


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

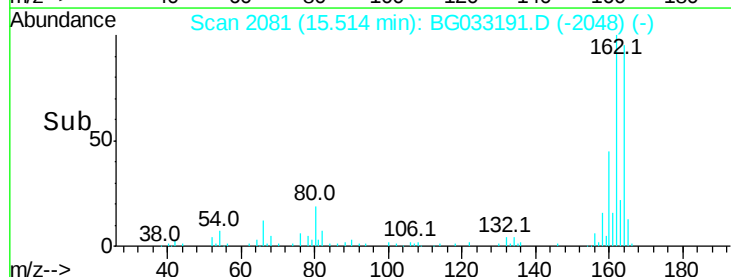
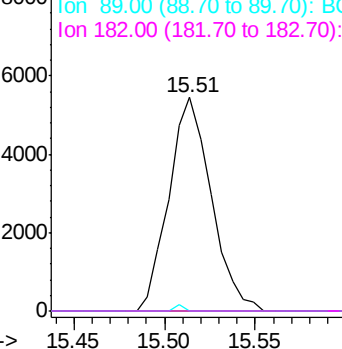


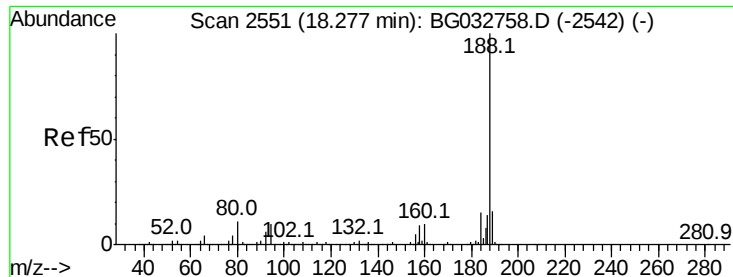
#56
2,4-Dinitrotoluene
Concen: 14.258 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.34 min
Lab File: BG033191.D
Acq: 16 Mar 2018 00:10

Tgt Ion:165 Resp: 8854
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 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: 18.25 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BG033191.D

Acq: 16 Mar 2018 00:10

Instrument :

BNA_G

ClientSampleId :

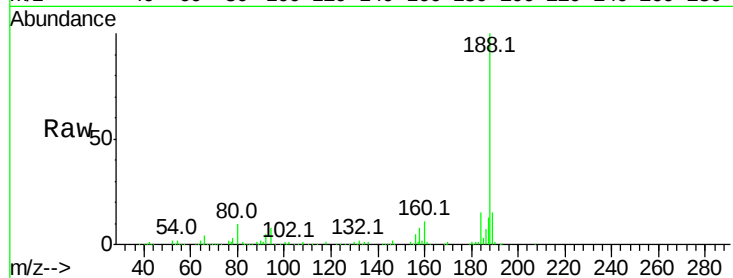
Tot Ion:188 Resp: 197403

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

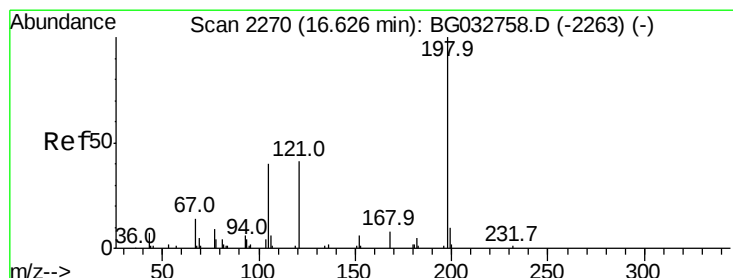
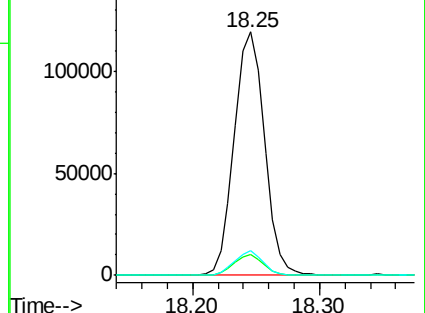
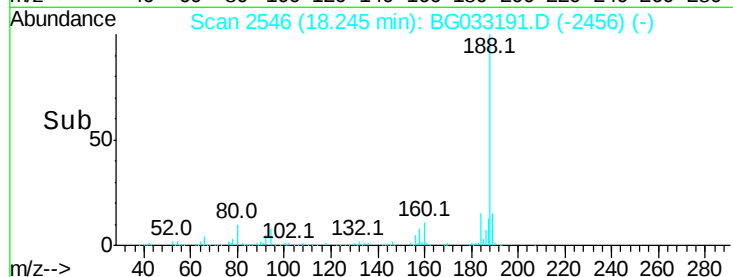
80 10.0 7.7 11.5



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.122 ng

RT: 16.99 min Scan# 2333

Delta R.T. 0.38 min

Lab File: BG033191.D

Acq: 16 Mar 2018 00:10

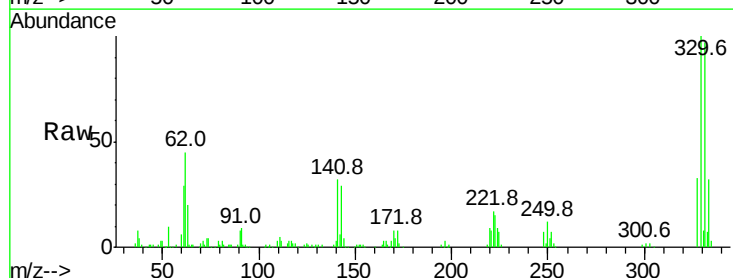
Tgt Ion:198 Resp: 81

Ion Ratio Lower Upper

198 100

51 145.9 30.6 70.6#

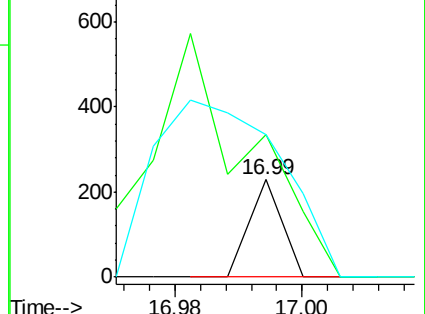
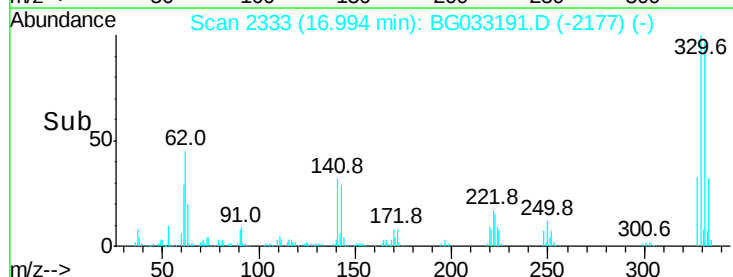
105 146.7 23.8 63.8#

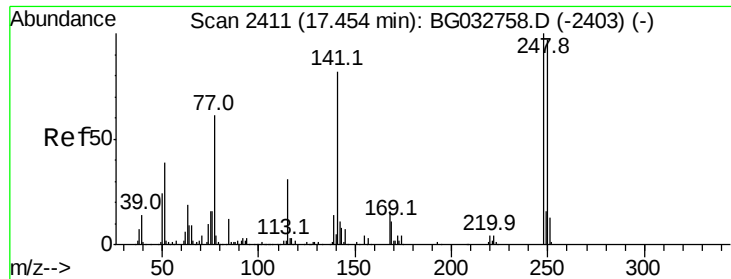


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

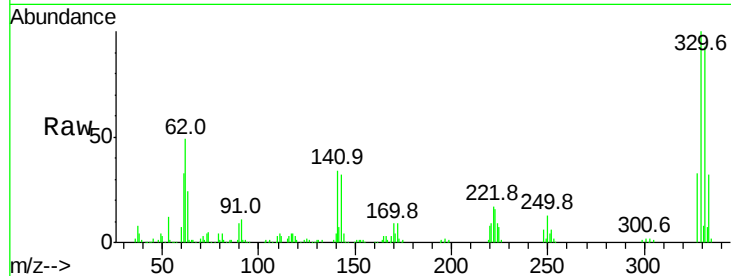




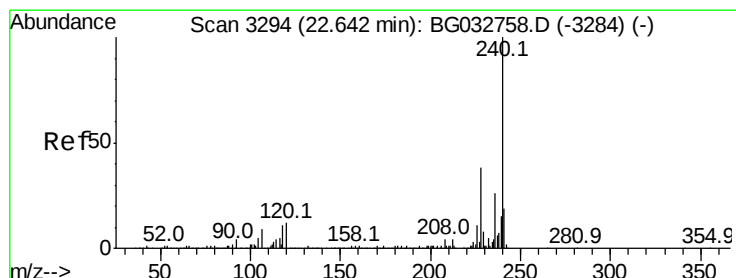
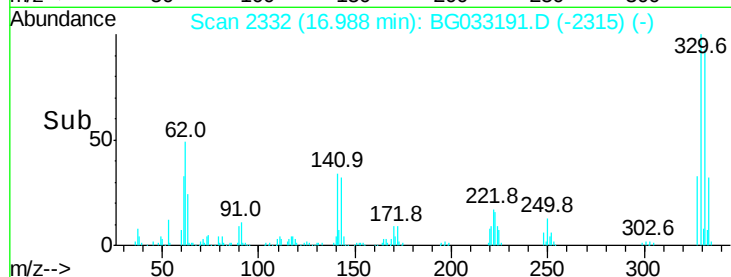
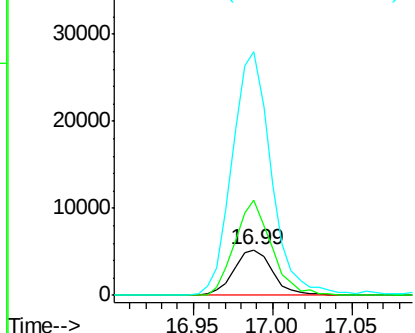
#66
 4-Bromophenyl-phenylether
 Concen: 4.260 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.43 min
 Lab File: BG033191.D
 Acq: 16 Mar 2018 00:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 8891
 Ion Ratio Lower Upper
 248 100
 250 209.8 77.1 115.7#
 141 535.1 50.8 76.2#

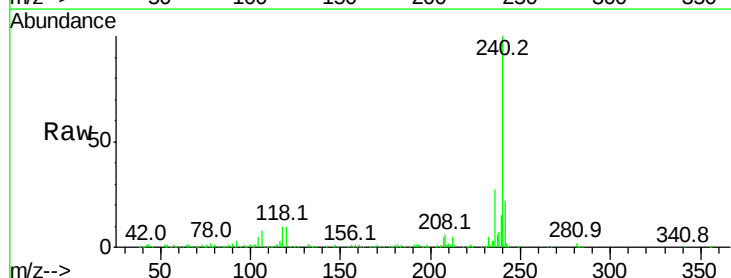


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

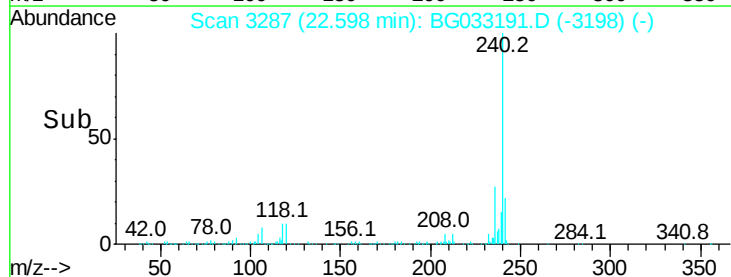
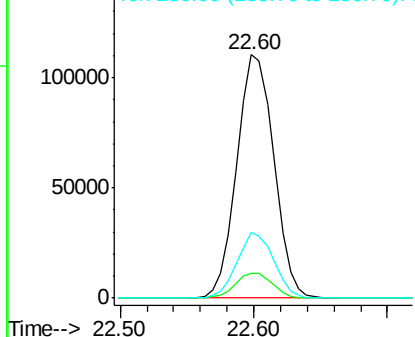


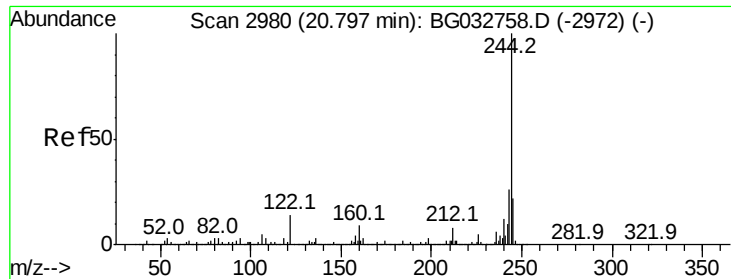
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BG033191.D
 Acq: 16 Mar 2018 00:10

Tgt Ion:240 Resp: 212544
 Ion Ratio Lower Upper
 240 100
 120 10.2 6.8 10.2#
 236 27.1 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

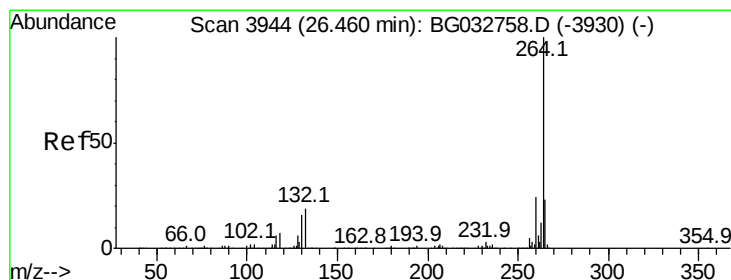
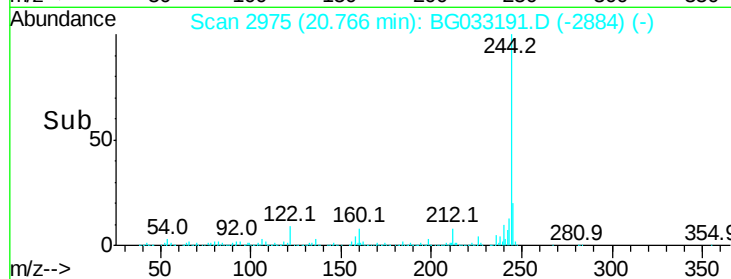
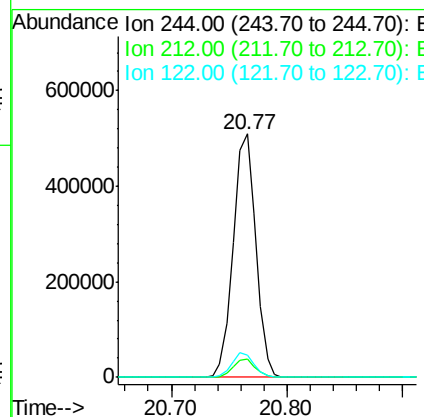
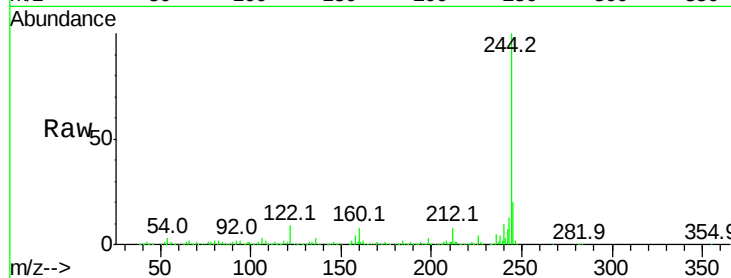




#78
 Terphenyl-d14
 Concen: 72.770 ng
 RT: 20.77 min Scan# 2975
 Delta R.T. 0.00 min
 Lab File: BG033191.D
 Acq: 16 Mar 2018 00:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 688411
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 9.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: BG033191.D
 Acq: 16 Mar 2018 00:10

Tgt Ion:264 Resp: 240097
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.4 26.0
 265 20.8 17.7 26.5

