

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG033003.D
 Acq On : 6 Mar 2018 00:53
 Operator : SJ/JU
 Sample : J1792-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 06 02:27:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

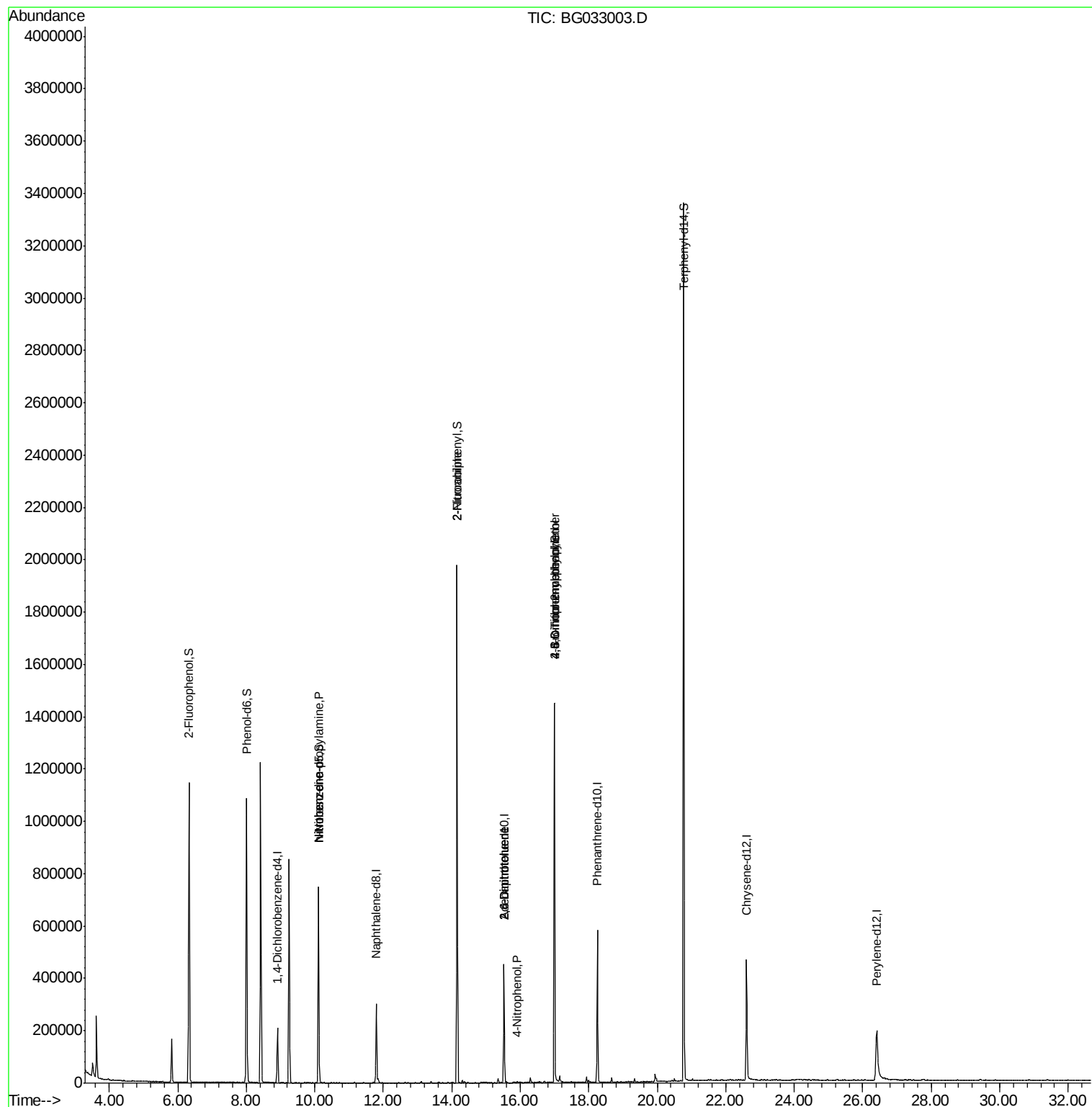
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	61554	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	272888	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	155285	20.00	ng	-0.01
63) Phenanthrene-d10	18.26	188	356857	20.00	ng	0.00
75) Chrysene-d12	22.61	240	322116	20.00	ng	-0.01
86) Perylene-d12	26.41	264	305026	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	535926	139.29	ng	0.00
7) Phenol-d6	8.01	99	667177	124.41	ng	0.00
23) Nitrobenzene-d5	10.11	82	476890	117.04	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	257036	157.42	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	999199	92.80	ng	-0.01
78) Terphenyl-d14	20.77	244	1551720	108.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.11	70	62398	16.481	ng	# 84
24) Nitrobenzene	10.11	77	1339	6.647	ng	# 37
47) 2-Nitroaniline	14.15	65	1682	10.359	ng	# 11
50) 2,6-Dinitrotoluene	15.52	165	20814	16.668	ng	# 21
55) 4-Nitrophenol	15.92	139	774	7.407	ng	# 1
56) 2,4-Dinitrotoluene	15.52	165	20814	14.867	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	799	5.899	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	18392	4.874	ng	# 1

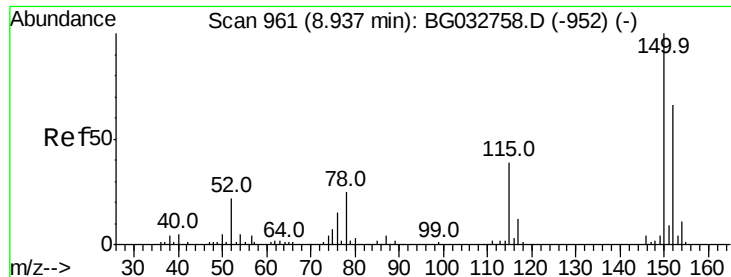
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
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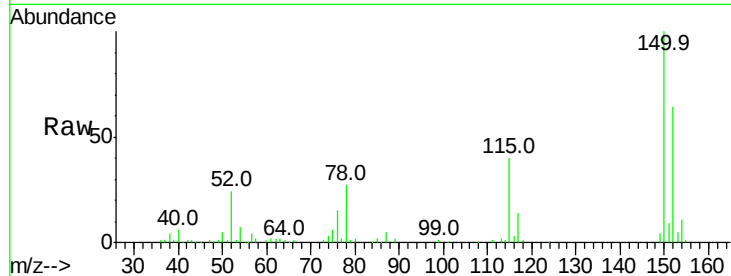


#1

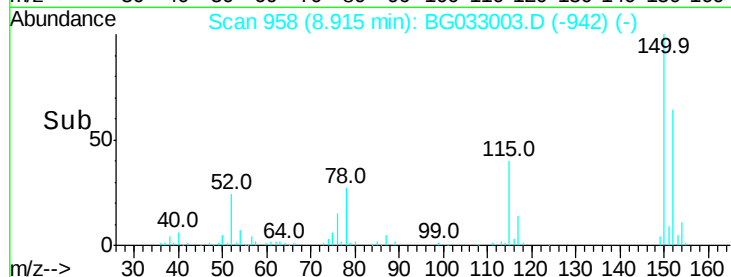
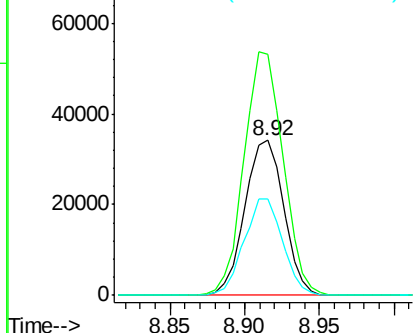
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG033003.D
Acq: 6 Mar 2018 00:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61554
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 62.7 53.0 79.4



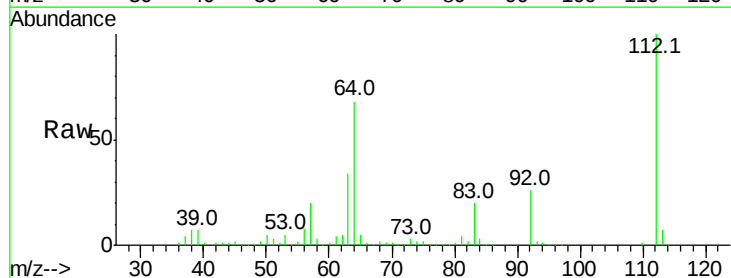
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



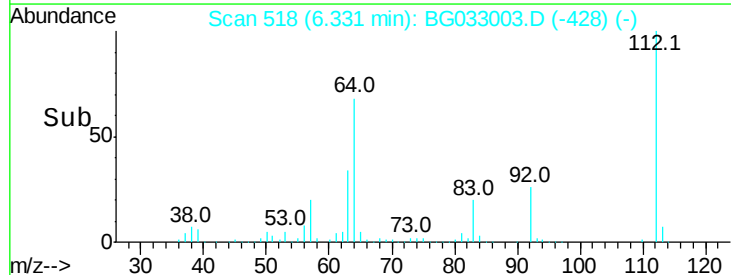
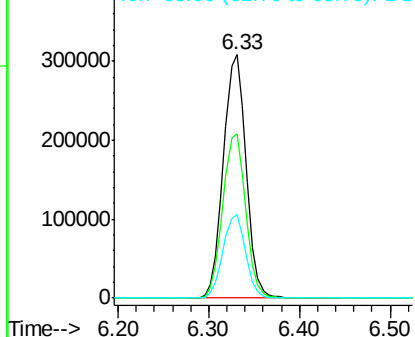
#5

2-Fluorophenol
Concen: 139.293 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG033003.D
Acq: 6 Mar 2018 00:53

Tgt Ion:112 Resp: 535926
Ion Ratio Lower Upper
112 100
64 67.6 56.3 84.5
63 34.2 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: 124.407 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG033003.D

Acq: 6 Mar 2018 00:53

Instrument :

BNA_G

ClientSampled :

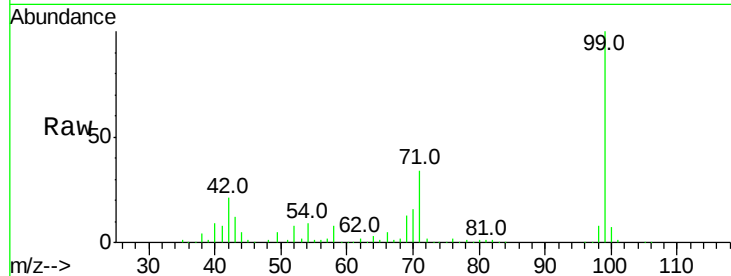
Tot Ion: 99 Resp: 667177

Ion Ratio Lower Upper

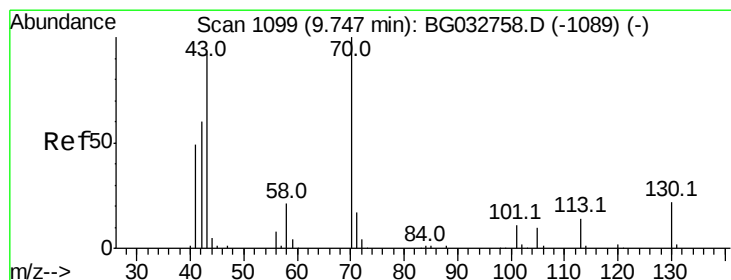
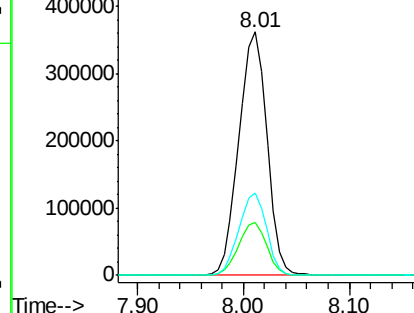
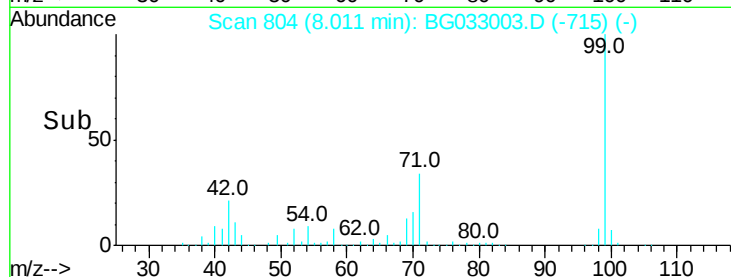
99 100

42 21.5 14.1 21.1#

71 34.0 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: 16.481 ng

RT: 10.11 min Scan# 1162

Delta R.T. 0.38 min

Lab File: BG033003.D

Acq: 6 Mar 2018 00:53

Tgt Ion: 70 Resp: 62398

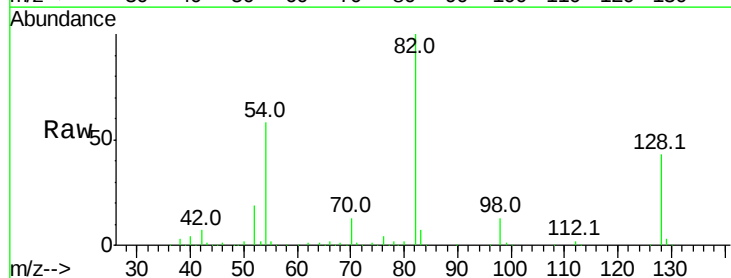
Ion Ratio Lower Upper

70 100

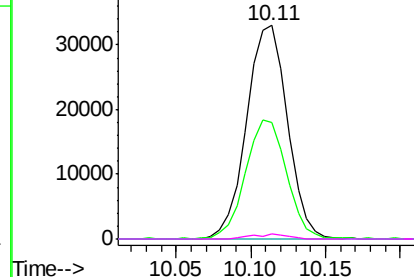
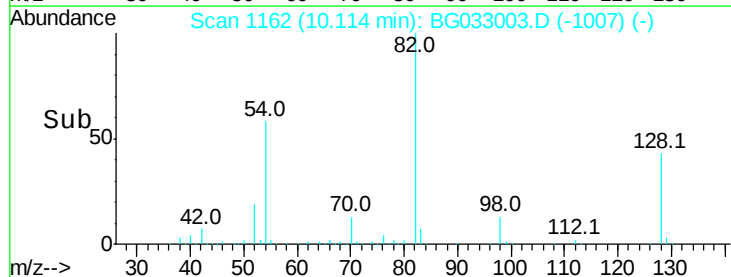
42 54.6 49.1 73.7

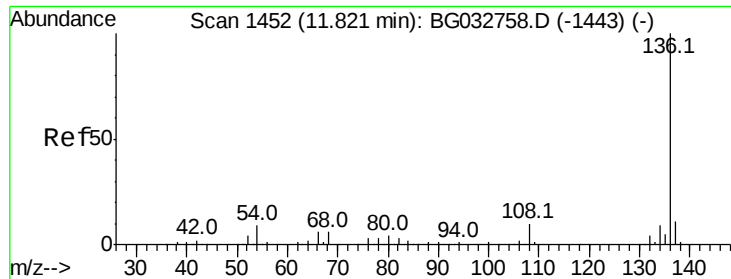
101 0.0 8.5 12.7#

130 2.1 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

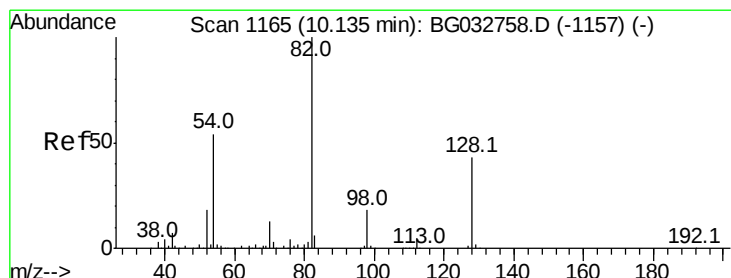
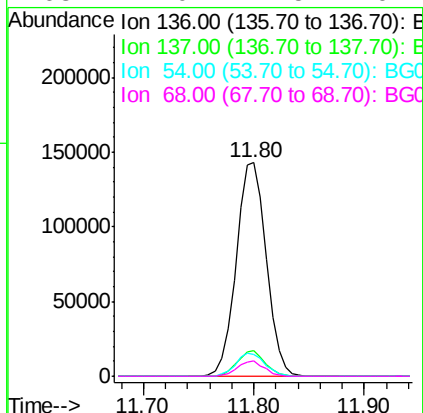
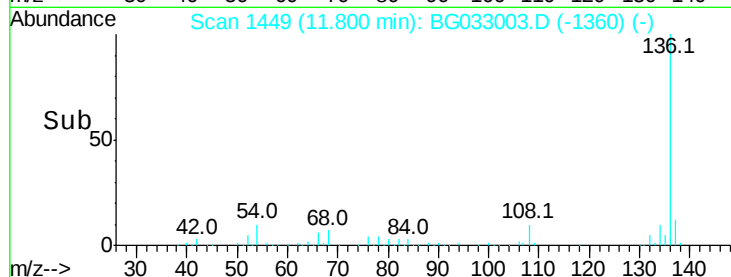
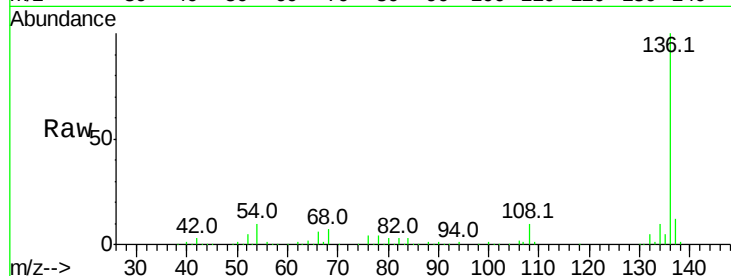




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BG033003.D
Acq: 6 Mar 2018 00:53

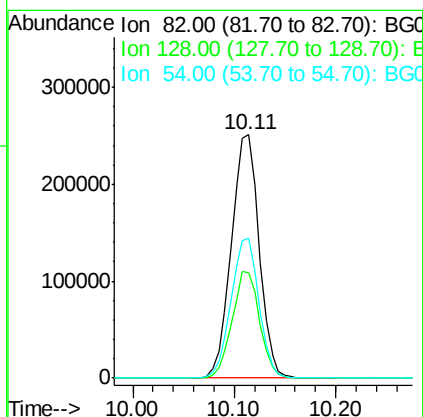
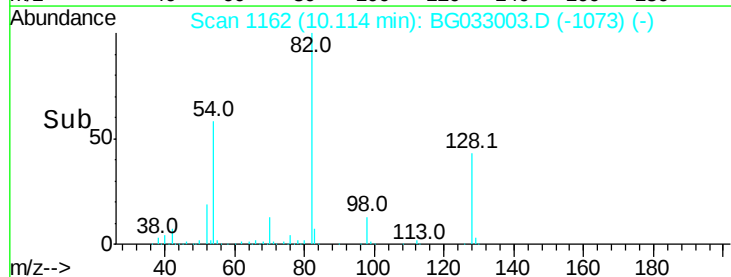
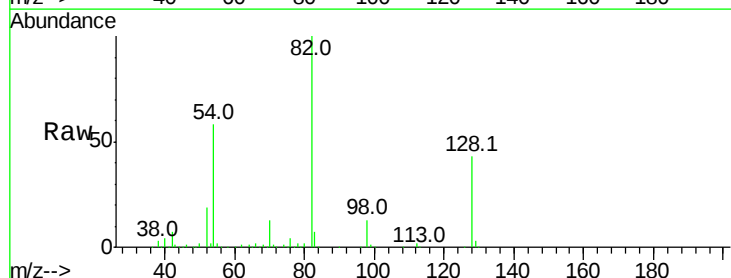
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	272888
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	10.3	10.3	15.5#
68	7.0	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 117.043 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG033003.D
Acq: 6 Mar 2018 00:53

Tgt Ion:	82	Resp:	476890
Ion	Ratio	Lower	Upper
82	100		
128	43.4	29.7	44.5
54	57.7	43.1	64.7





#24

Nitrobenzene

Concen: 6.647 ng

RT: 10.11 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BG033003.D

Acq: 6 Mar 2018 00:53

Instrument :

BNA_G

ClientSampled :

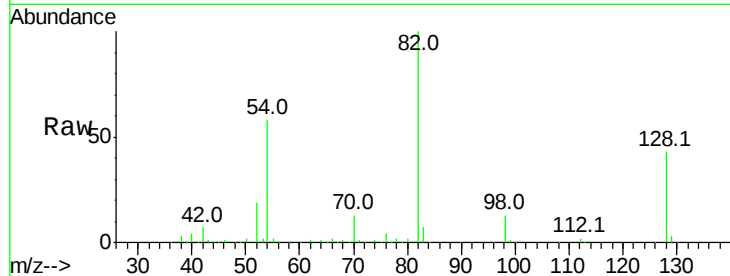
Tot Ion: 77 Resp: 1339

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

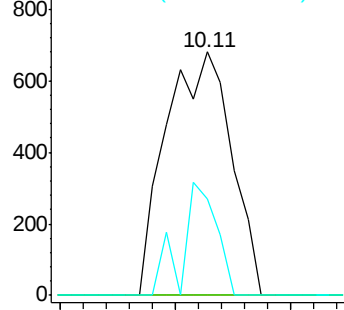
65 39.8 13.0 19.6#



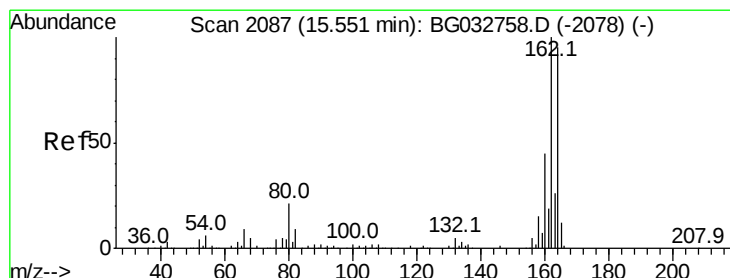
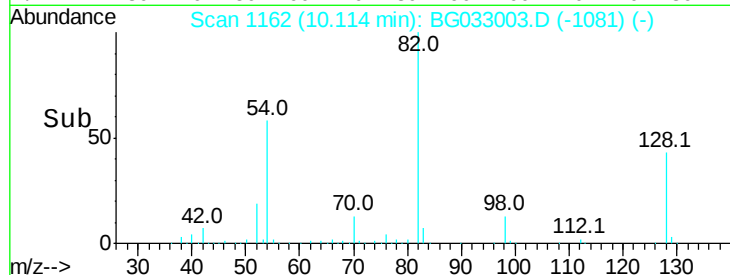
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 15.52 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG033003.D

Acq: 6 Mar 2018 00:53

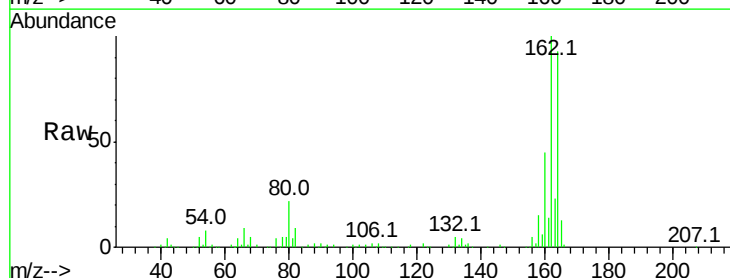
Tgt Ion: 164 Resp: 155285

Ion Ratio Lower Upper

164 100

162 107.4 78.8 118.2

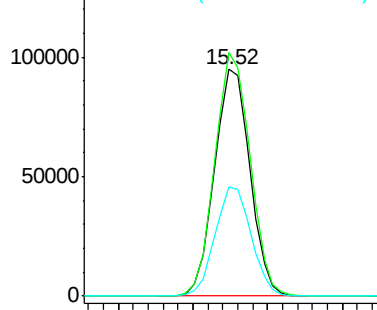
160 48.2 35.4 53.0



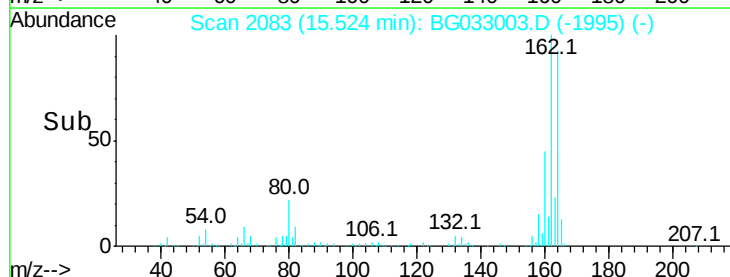
Abundance Ion 164.00 (163.70 to 164.70): BGC

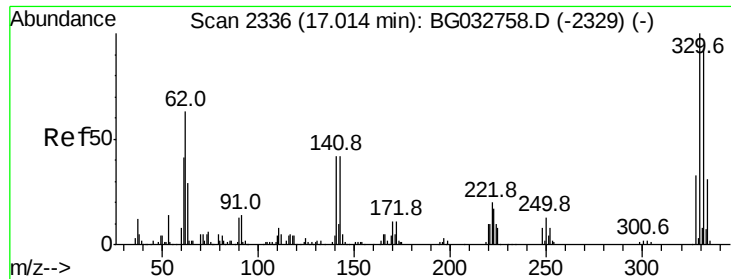
Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC



Time-->

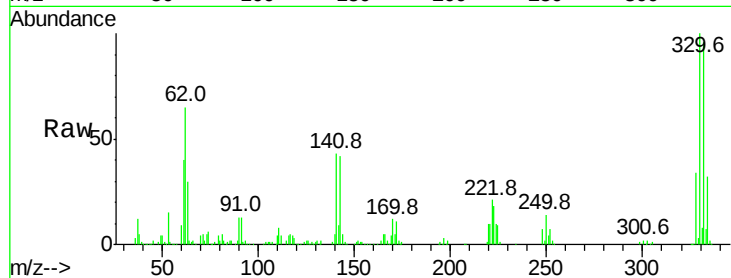




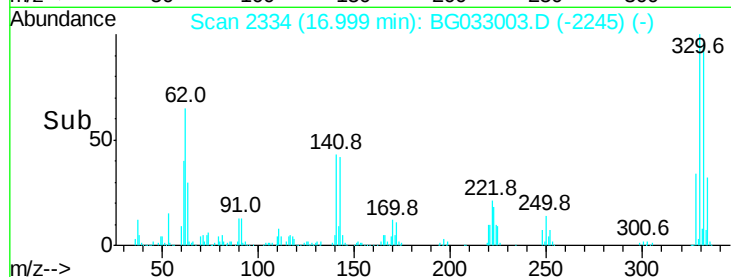
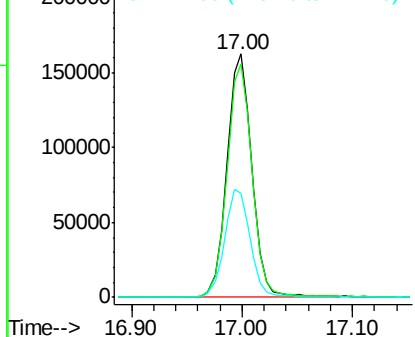
#41
 2,4,6-Tribromophenol
 Concen: 157.423 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BG033003.D
 Acq: 6 Mar 2018 00:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 257036
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 45.5 25.2 37.8#

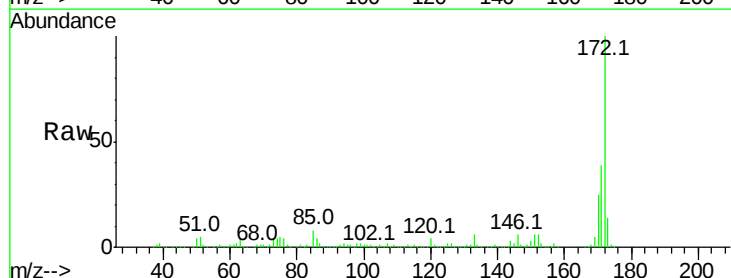


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

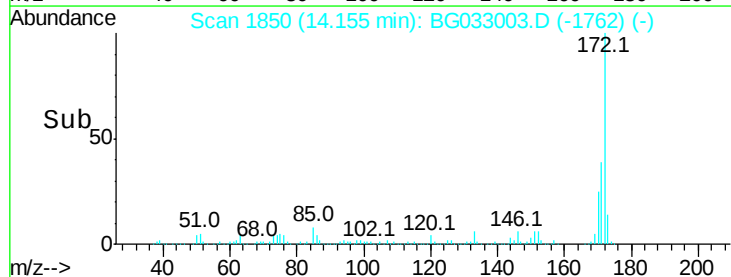
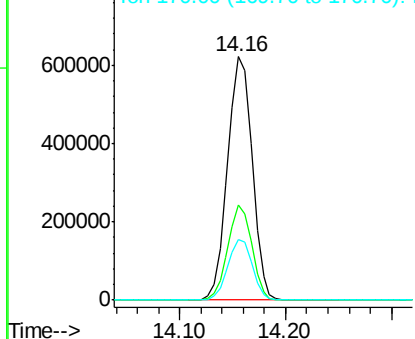


#44
 2-Fluorobiphenyl
 Concen: 92.803 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG033003.D
 Acq: 6 Mar 2018 00:53

Tgt Ion:172 Resp: 999199
 Ion Ratio Lower Upper
 172 100
 171 39.1 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

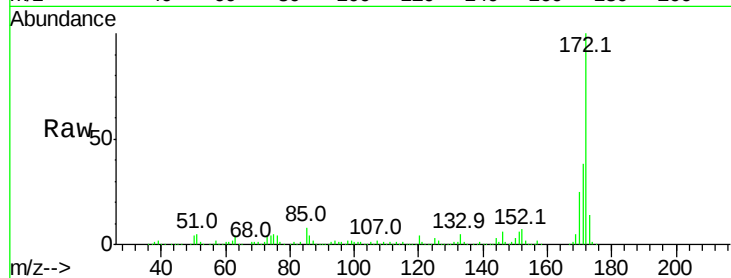




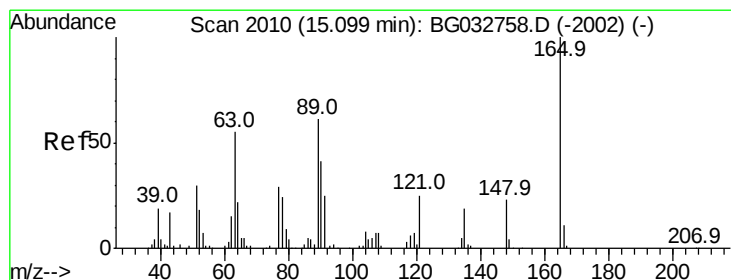
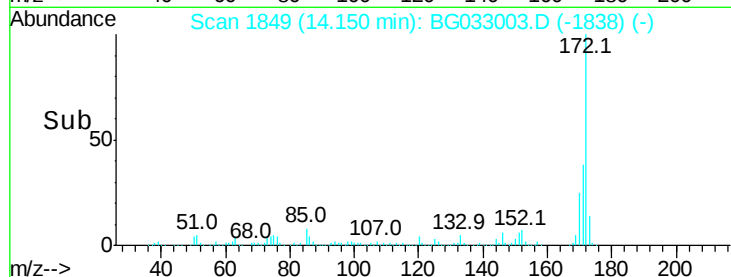
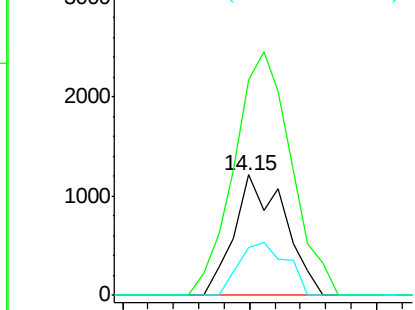
#47
2-Nitroaniline
Concen: 10.359 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.46 min
Lab File: BG033003.D
Acq: 6 Mar 2018 00:53

Instrument :
BNA_G
ClientSampled :

Tot Ion: 65 Resp: 1682
Ion Ratio Lower Upper
65 100
92 178.7 54.6 82.0#
138 39.8 72.9 109.3#

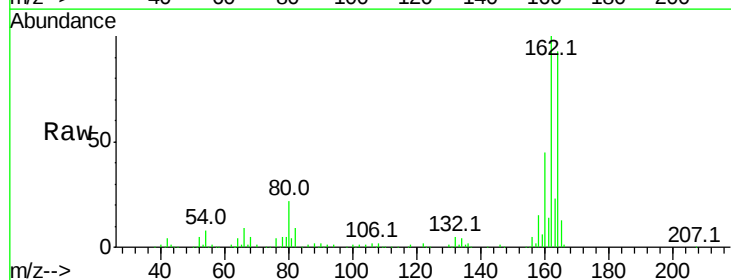


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

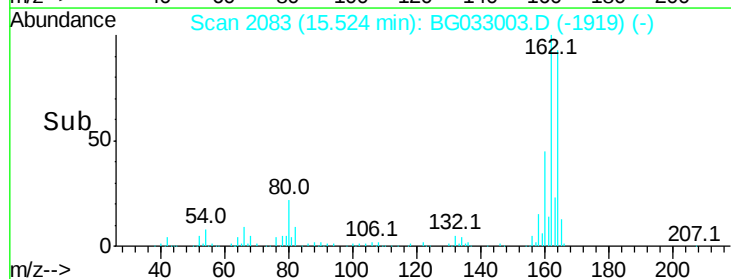
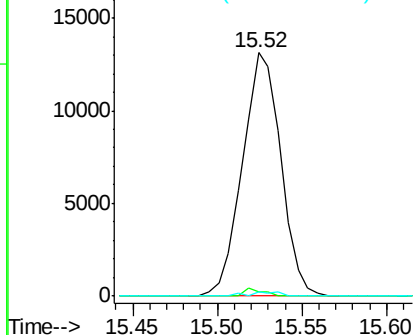


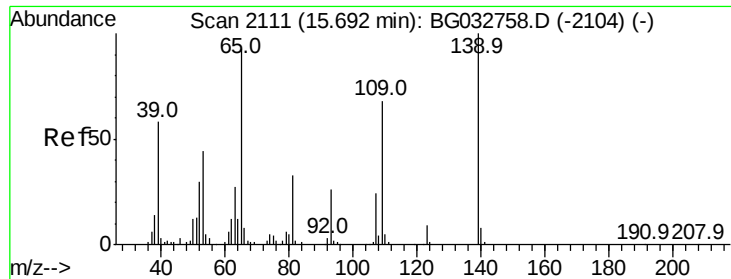
#50
2,6-Dinitrotoluene
Concen: 16.668 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033003.D
Acq: 6 Mar 2018 00:53

Tgt Ion:165 Resp: 20814
Ion Ratio Lower Upper
165 100
63 1.8 52.7 79.1#
89 1.7 49.2 73.8#



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

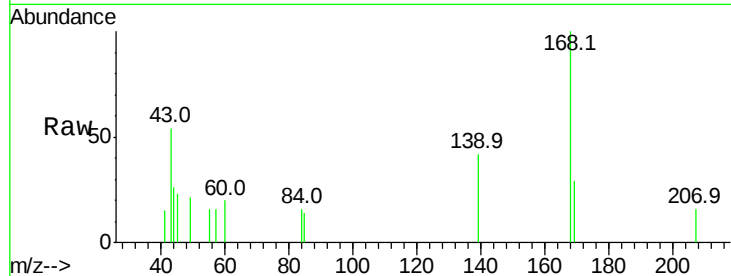




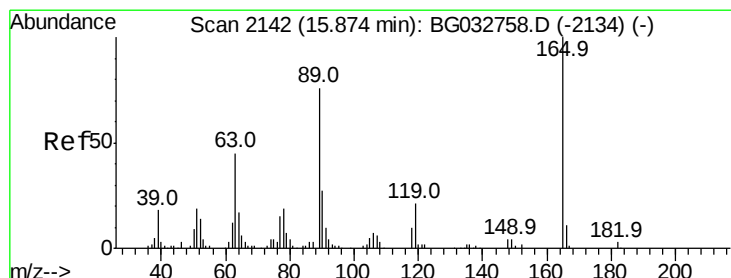
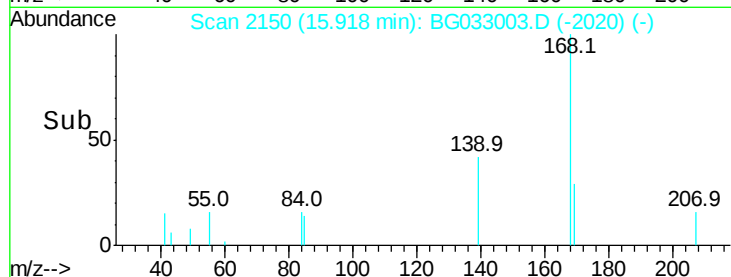
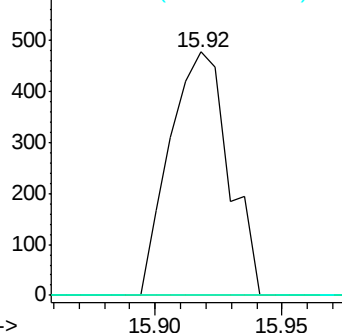
#55
4-Nitrophenol
Concen: 7.407 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.24 min
Lab File: BG033003.D
Acq: 6 Mar 2018 00:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 774
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

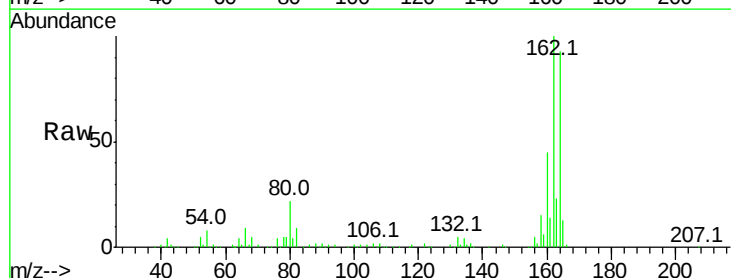


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

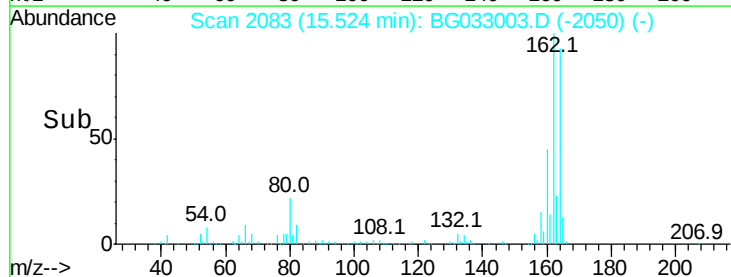
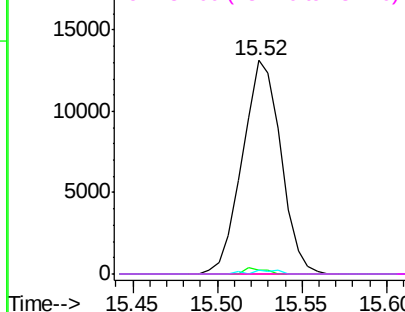


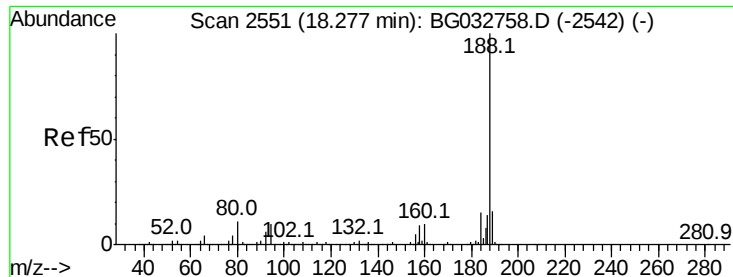
#56
2,4-Dinitrotoluene
Concen: 14.867 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033003.D
Acq: 6 Mar 2018 00:53

Tgt Ion:165 Resp: 20814
Ion Ratio Lower Upper
165 100
63 1.8 42.0 63.0#
89 1.7 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

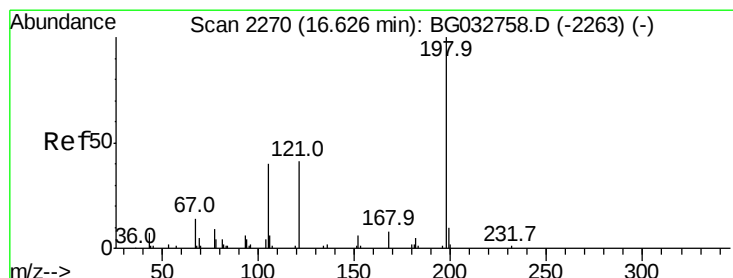
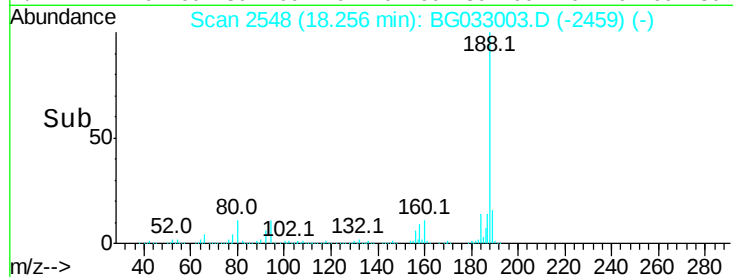
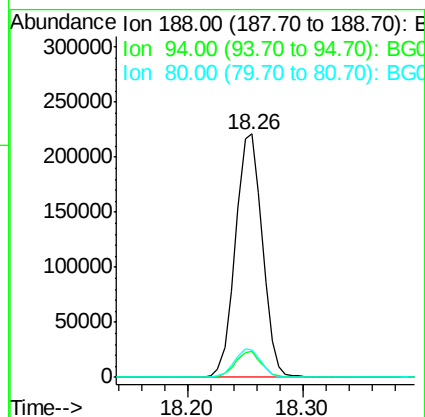
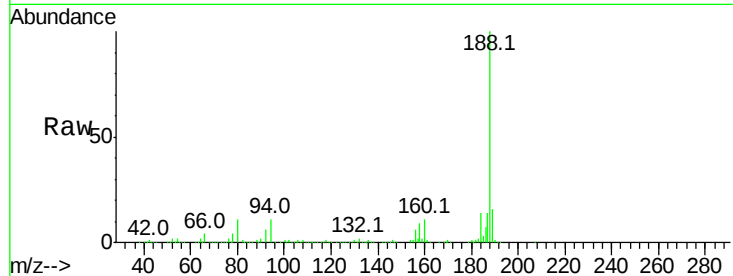




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BG033003.D
 Acq: 6 Mar 2018 00:53

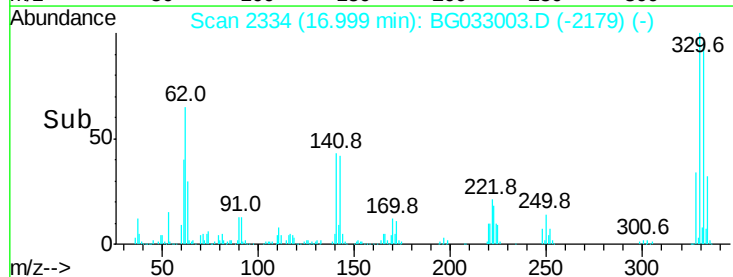
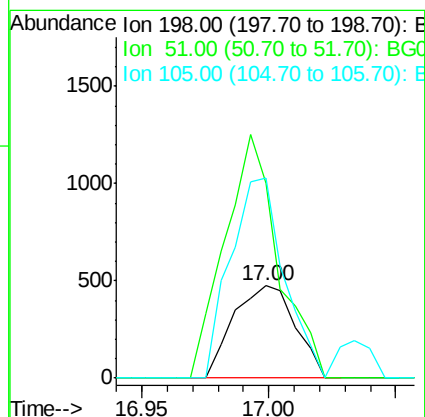
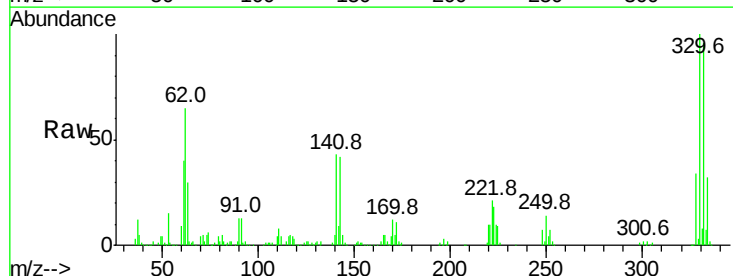
Instrument :
 BNA_G
 ClientSampleId :

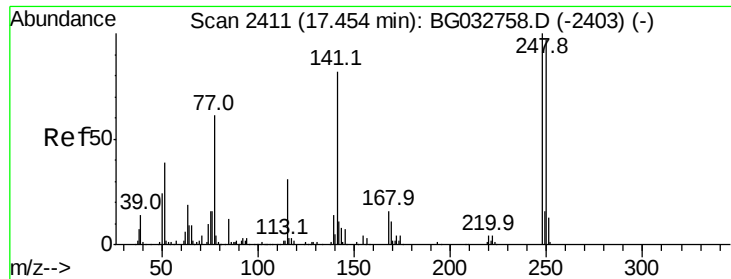
Tot Ion:188 Resp: 356857
 Ion Ratio Lower Upper
 188 100
 94 10.7 6.9 10.3#
 80 11.5 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.899 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.38 min
 Lab File: BG033003.D
 Acq: 6 Mar 2018 00:53

Tgt Ion:198 Resp: 799
 Ion Ratio Lower Upper
 198 100
 51 212.5 30.6 70.6#
 105 216.9 23.8 63.8#

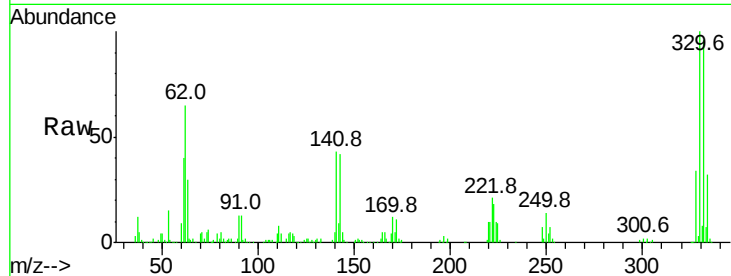




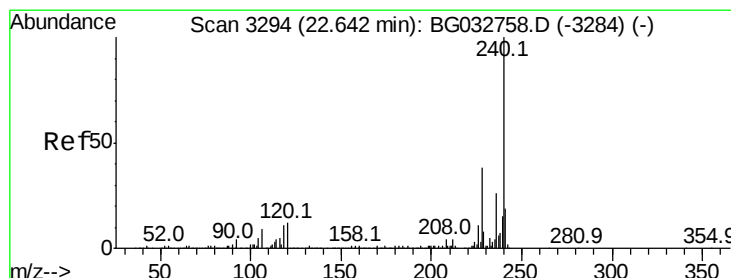
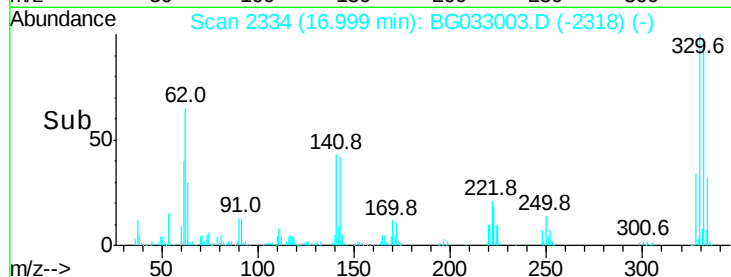
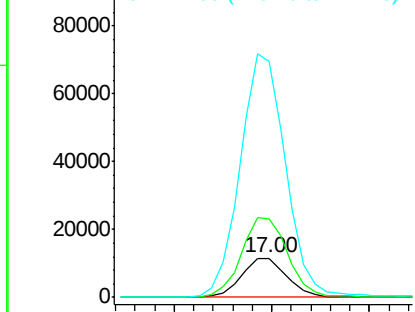
#66
4-Bromophenyl-phenylether
Concen: 4.874 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.43 min
Lab File: BG033003.D
Acq: 6 Mar 2018 00:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 18392
Ion Ratio Lower Upper
248 100
250 201.4 77.1 115.7#
141 603.6 50.8 76.2#

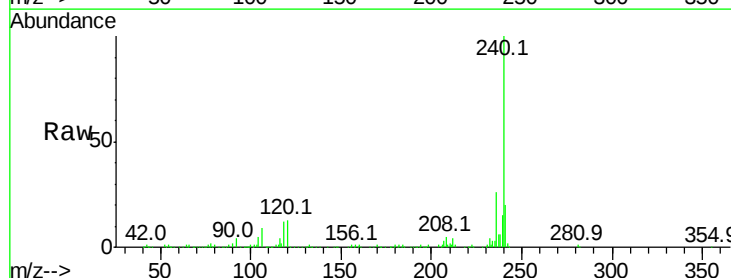


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

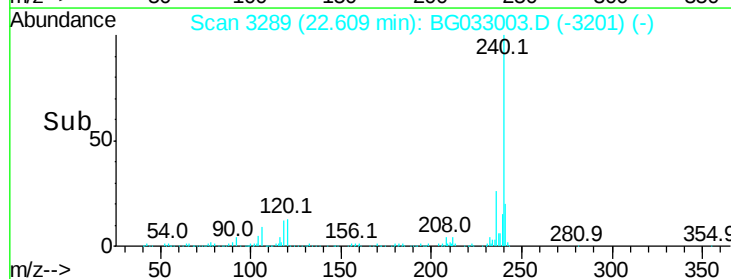
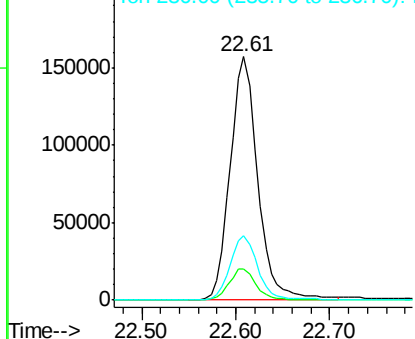


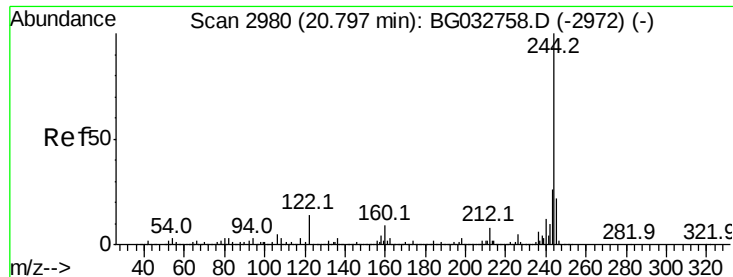
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.01 min
Lab File: BG033003.D
Acq: 6 Mar 2018 00:53

Tgt Ion:240 Resp: 322116
Ion Ratio Lower Upper
240 100
120 12.8 6.8 10.2#
236 26.4 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

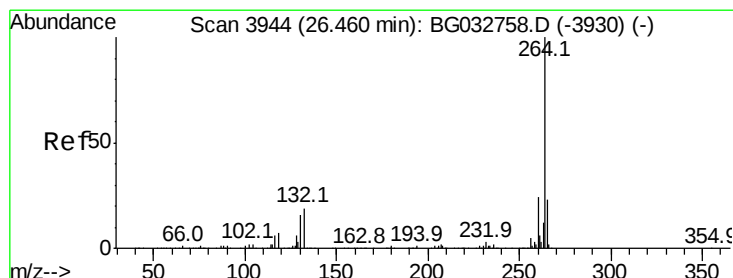
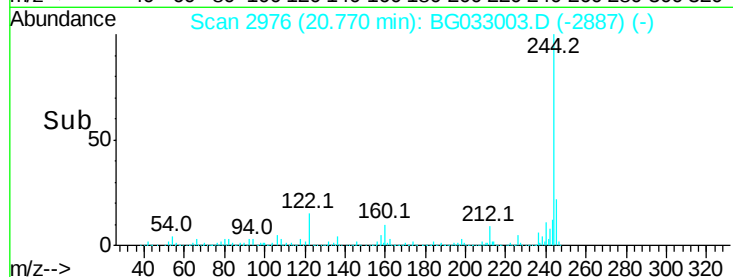
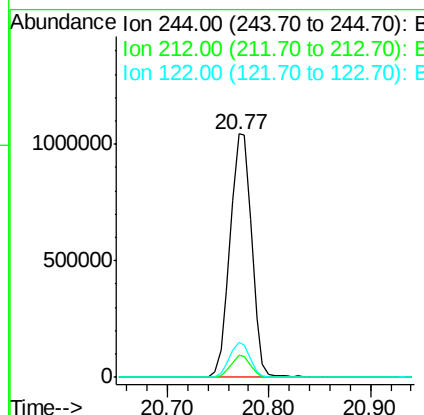
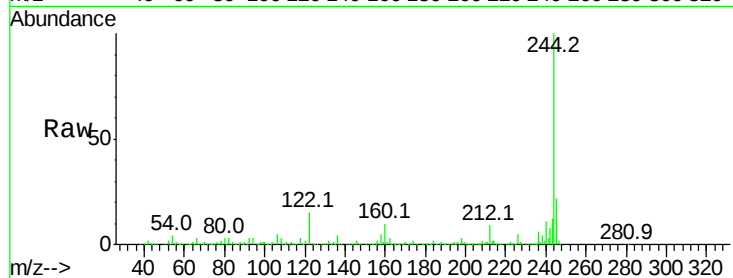




#78
 Terphenyl-d14
 Concen: 108.231 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. -0.01 min
 Lab File: BG033003.D
 Acq: 6 Mar 2018 00:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1551720
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 14.6 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3936
 Delta R.T. -0.02 min
 Lab File: BG033003.D
 Acq: 6 Mar 2018 00:53

Tgt Ion:264 Resp: 305026
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.4 26.0
 265 20.5 17.7 26.5

