

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030918\
 Data File : BG033076.D
 Acq On : 9 Mar 2018 17:30
 Operator : SJ/JU
 Sample : J1855-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 23:30:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

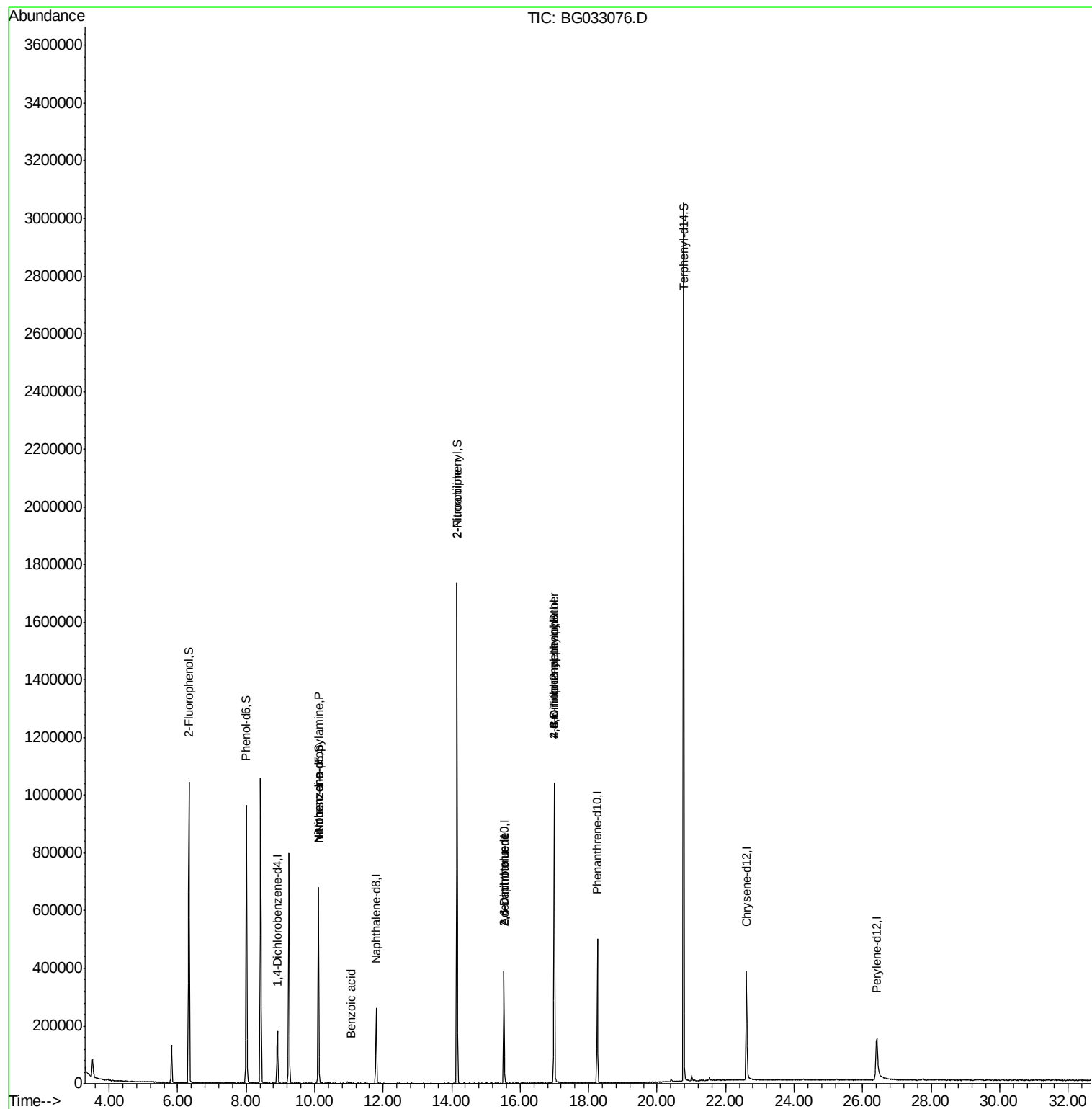
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	53369	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	233238	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	131795	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	300193	20.00	ng	0.00
75) Chrysene-d12	22.60	240	282968	20.00	ng	0.00
86) Perylene-d12	26.41	264	252969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	473759	142.02	ng	0.00
7) Phenol-d6	8.01	99	589311	126.74	ng	0.00
23) Nitrobenzene-d5	10.11	82	423255	121.16	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	190241	137.28	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	884224	96.76	ng	0.00
78) Terphenyl-d14	20.77	244	1366780	108.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.11	70	55237	16.827	ng	# 82
24) Nitrobenzene	10.11	77	1388	6.704	ng	# 35
32) Benzoic acid	11.06	122	271	5.964	ng	# 62
47) 2-Nitroaniline	14.15	65	1427	10.359	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	16823	16.297	ng	# 21
56) 2,4-Dinitrotoluene	15.53	165	16823	14.494	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.99	198	663	5.886	ng	# 8
66) 4-Bromophenyl-phenylether	16.99	248	12810	4.036	ng	# 1

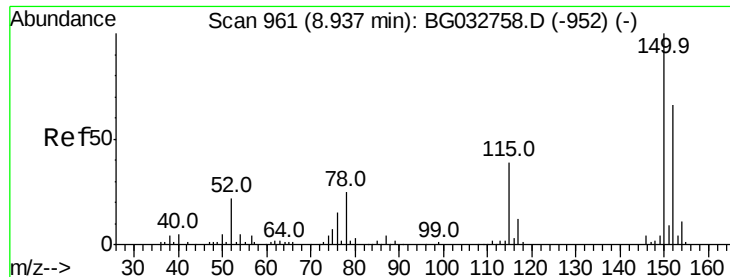
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030918\
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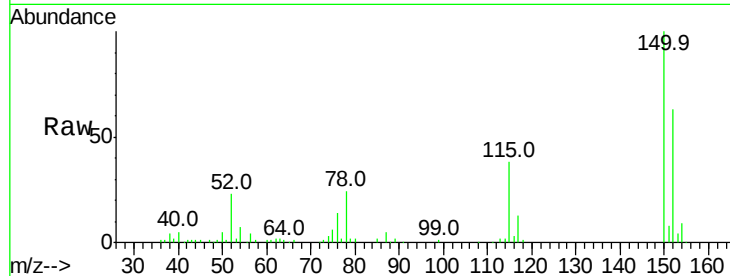


#1

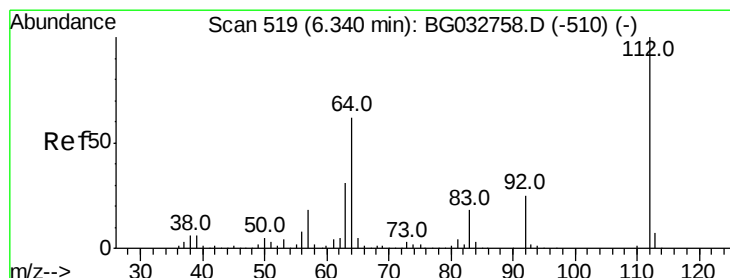
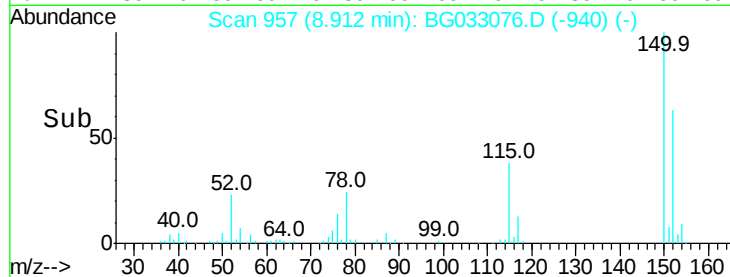
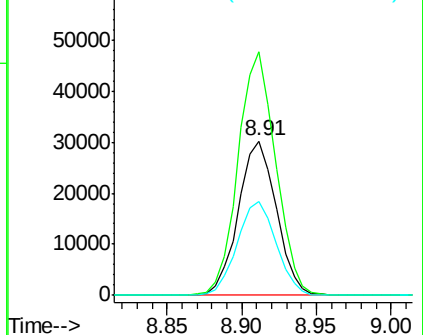
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033076.D
Acq: 9 Mar 2018 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53369
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 60.7 53.0 79.4



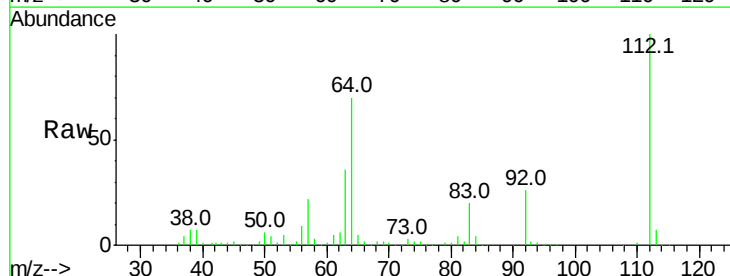
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



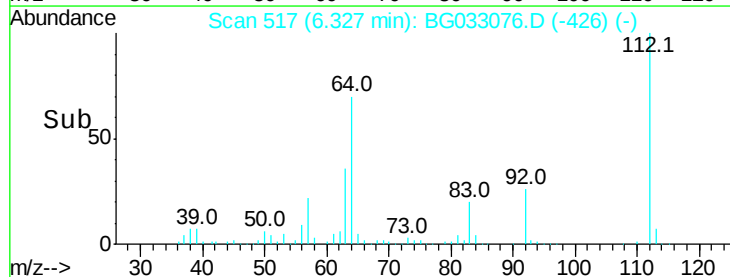
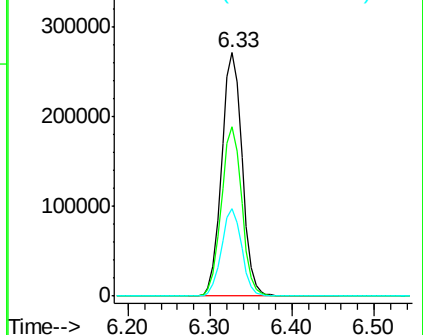
#5

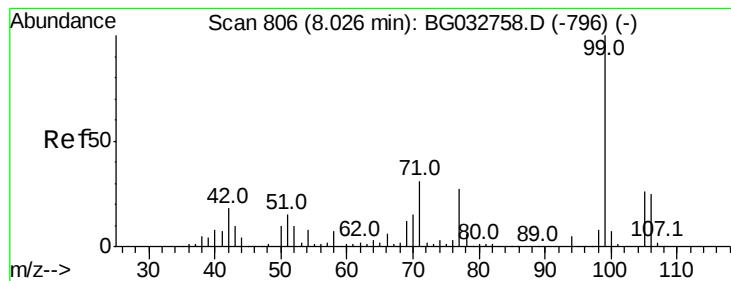
2-Fluorophenol
Concen: 142.020 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033076.D
Acq: 9 Mar 2018 17:30

Tgt Ion:112 Resp: 473759
Ion Ratio Lower Upper
112 100
64 69.8 56.3 84.5
63 36.1 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: 126.741 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033076.D

Acq: 9 Mar 2018 17:30

Instrument :

BNA_G

ClientSampleId :

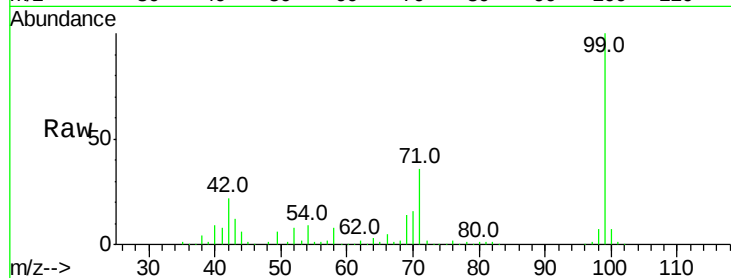
Tot Ion: 99 Resp: 589311

Ion Ratio Lower Upper

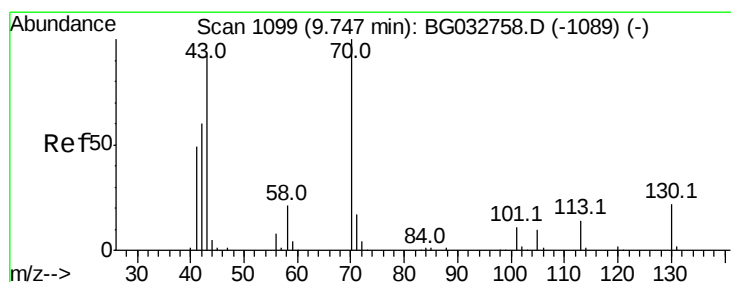
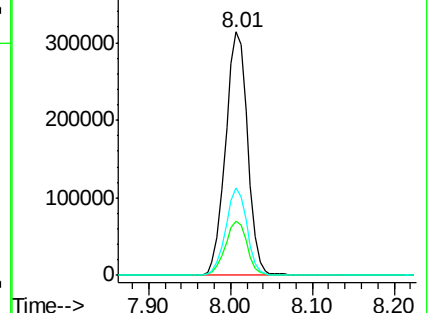
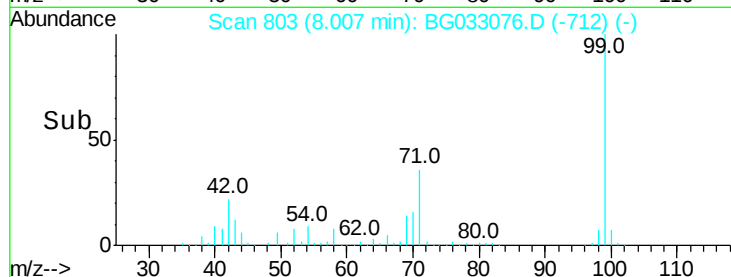
99 100

42 22.4 14.1 21.1#

71 35.8 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: 16.827 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.39 min

Lab File: BG033076.D

Acq: 9 Mar 2018 17:30

Tgt Ion: 70 Resp: 55237

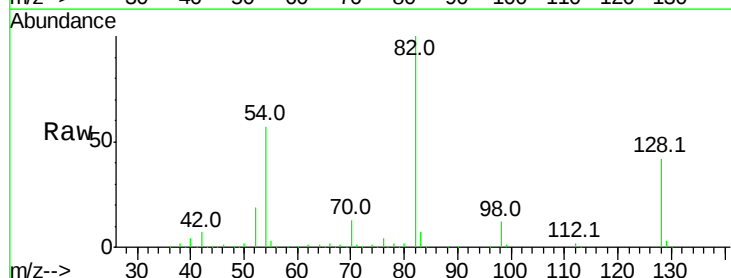
Ion Ratio Lower Upper

70 100

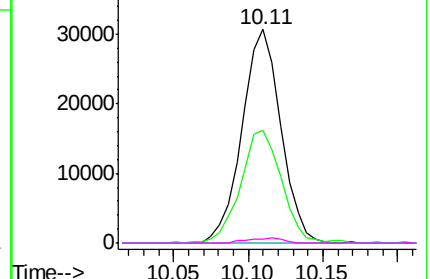
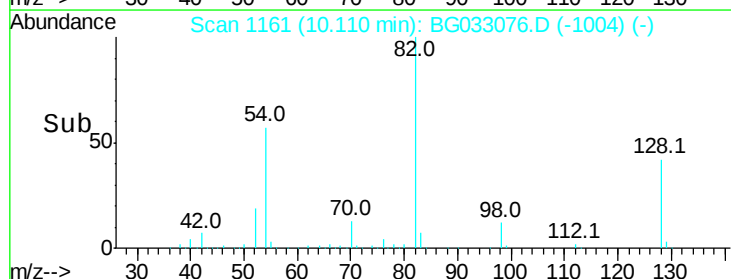
42 52.9 49.1 73.7

101 0.0 8.5 12.7#

130 2.0 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

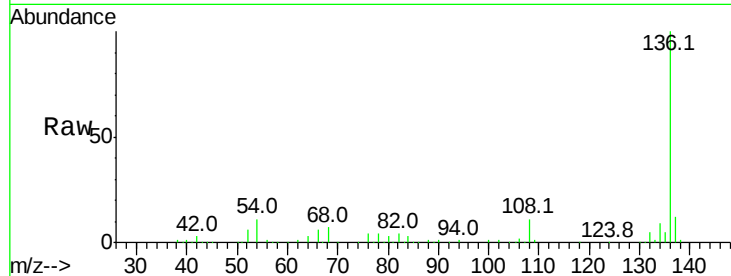




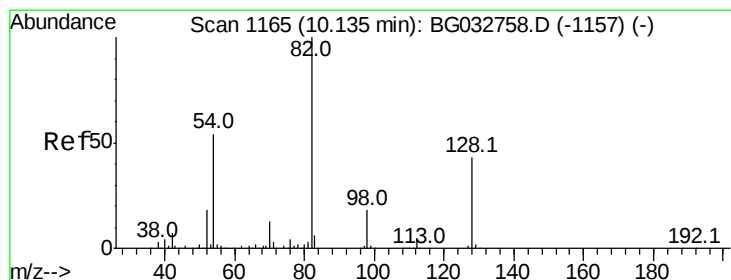
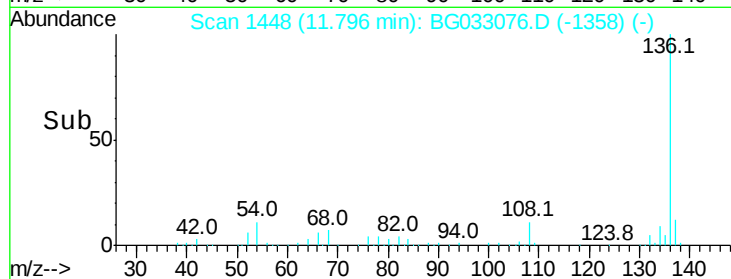
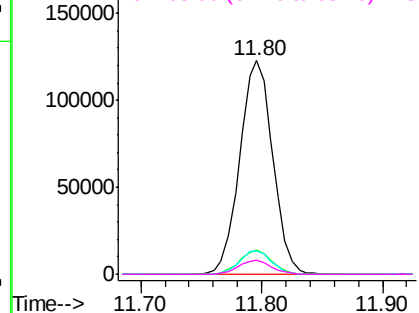
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033076.D
Acq: 9 Mar 2018 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	233238
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	10.6	10.3	15.5
68	6.7	4.5	6.7

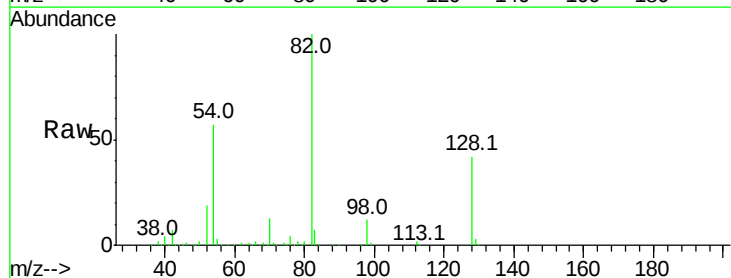


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

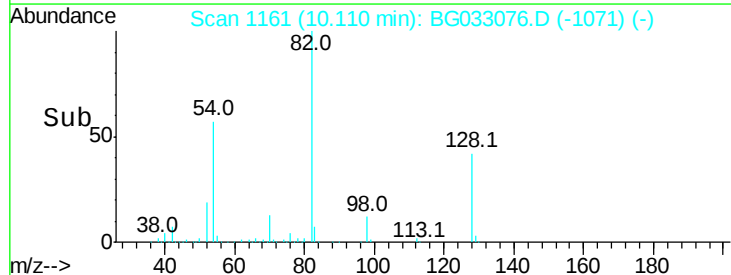
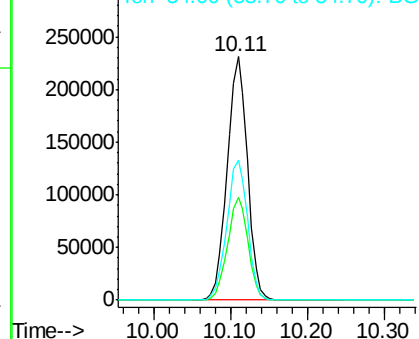


#23
Nitrobenzene-d5
Concen: 121.157 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033076.D
Acq: 9 Mar 2018 17:30

Tgt Ion:	82	Resp:	423255
Ion	Ratio	Lower	Upper
82	100		
128	42.1	29.7	44.5
54	57.3	43.1	64.7



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





#24

Nitrobenzene

Concen: 6.704 ng

RT: 10.11 min Scan# 1161

Delta R.T. -0.04 min

Lab File: BG033076.D

Acq: 9 Mar 2018 17:30

Instrument :

BNA_G

ClientSampled :

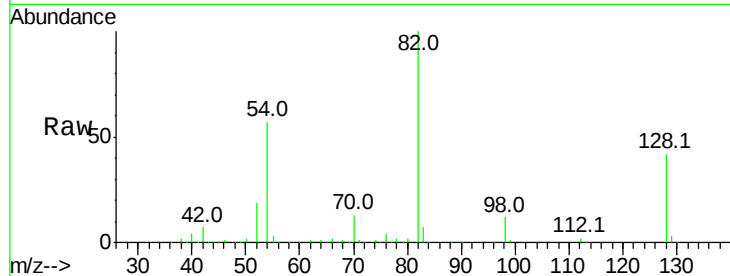
Tot Ion: 77 Resp: 1388

Ion Ratio Lower Upper

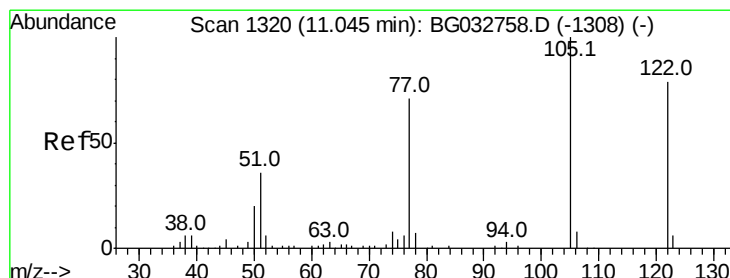
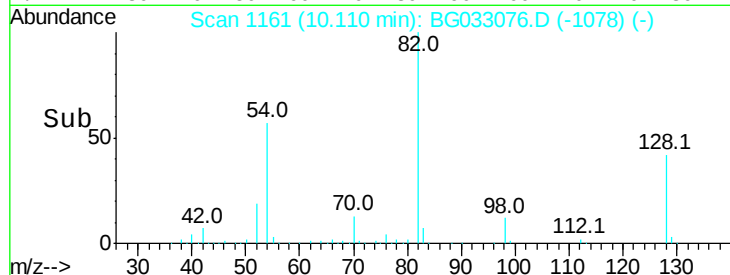
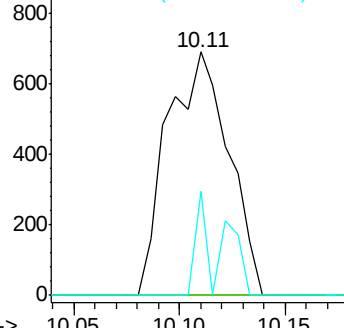
77 100

123 0.0 33.0 49.6#

65 42.6 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



#32

Benzoic acid

Concen: 5.964 ng

RT: 11.06 min Scan# 1322

Delta R.T. 0.03 min

Lab File: BG033076.D

Acq: 9 Mar 2018 17:30

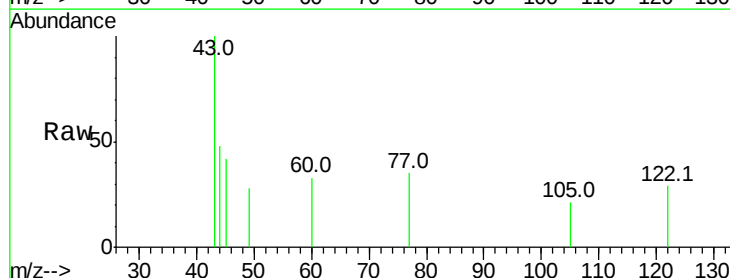
Tgt Ion: 122 Resp: 271

Ion Ratio Lower Upper

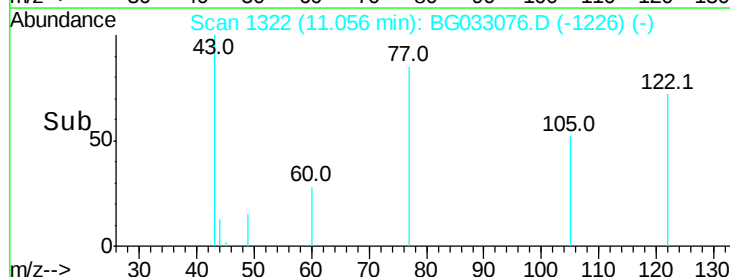
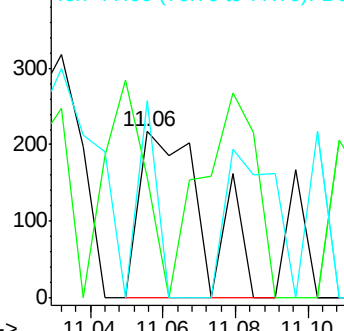
122 100

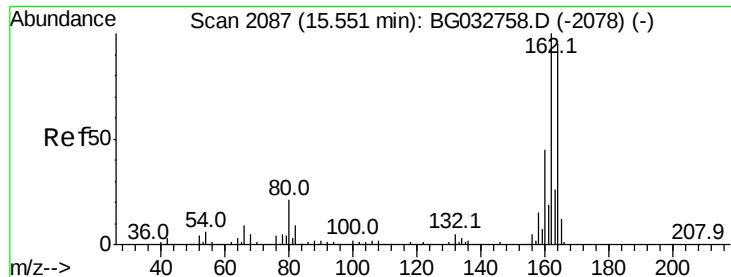
105 72.8 123.5 163.5#

77 118.9 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

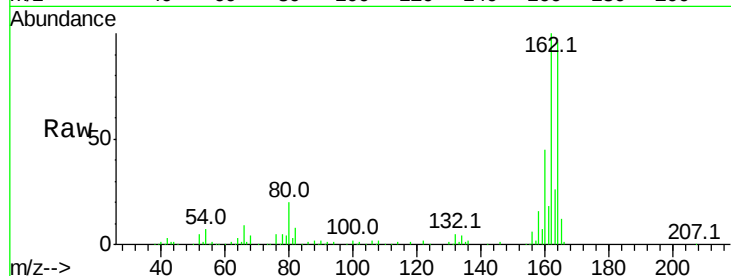




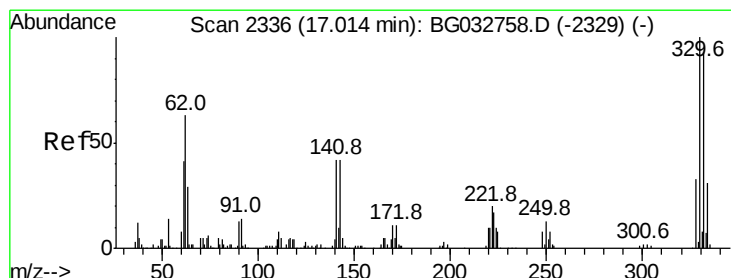
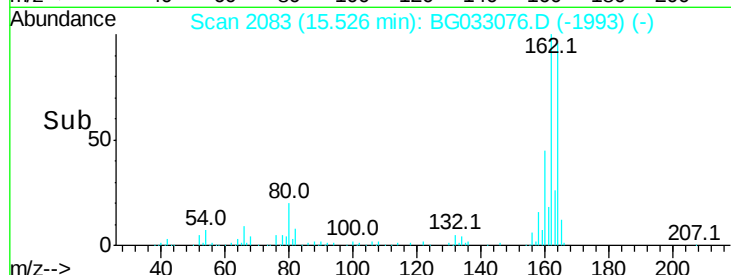
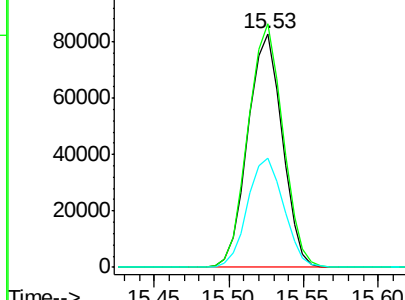
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033076.D
 Acq: 9 Mar 2018 17:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 131795
 Ion Ratio Lower Upper
 164 100
 162 104.1 78.8 118.2
 160 46.8 35.4 53.0

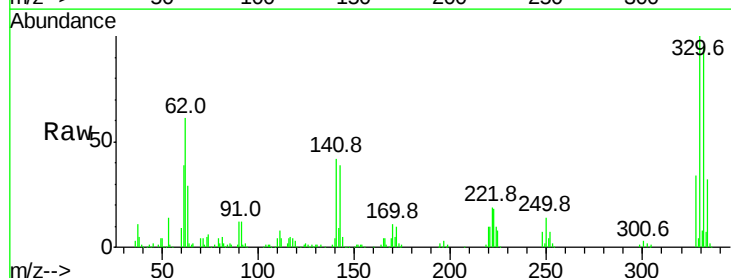


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

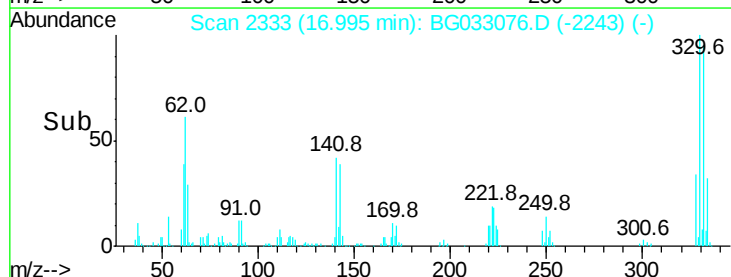
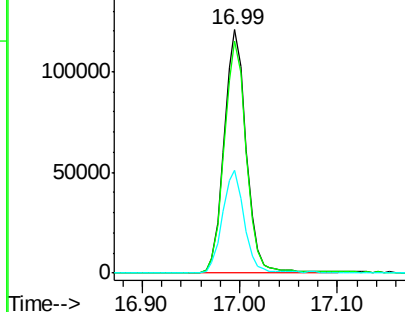


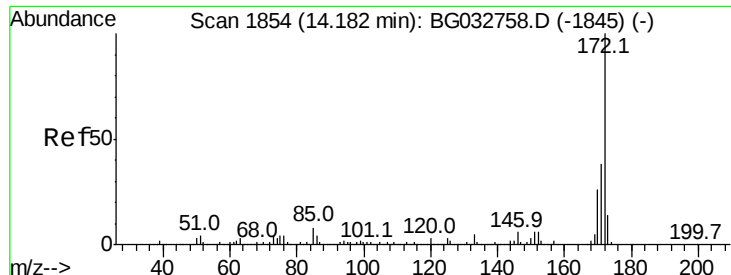
#41
 2,4,6-Tribromophenol
 Concen: 137.281 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033076.D
 Acq: 9 Mar 2018 17:30

Tgt Ion:330 Resp: 190241
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 41.6 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

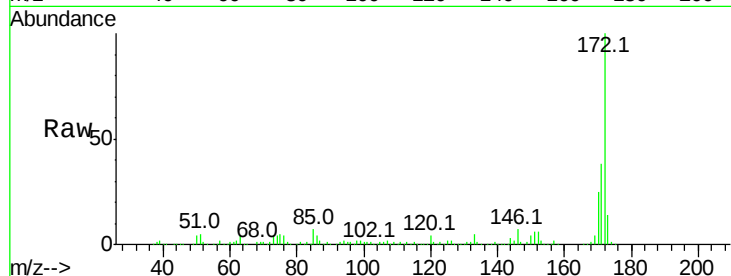




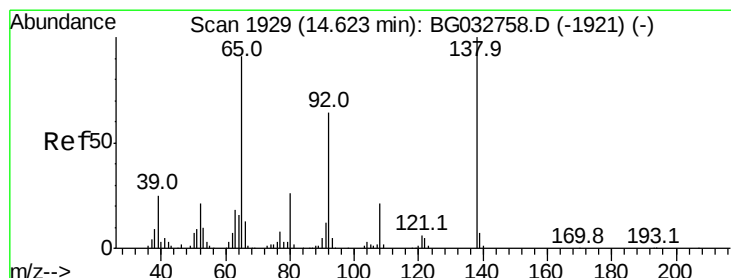
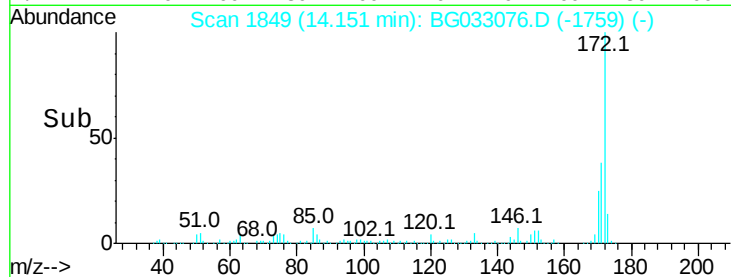
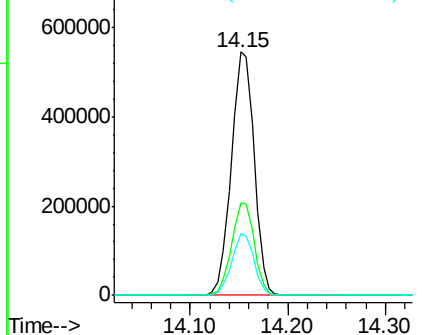
#44
2-Fluorobiphenyl
Concen: 96.762 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BG033076.D
Acq: 9 Mar 2018 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 884224
Ion Ratio Lower Upper
172 100
171 38.3 30.0 45.0
170 25.4 19.5 29.3

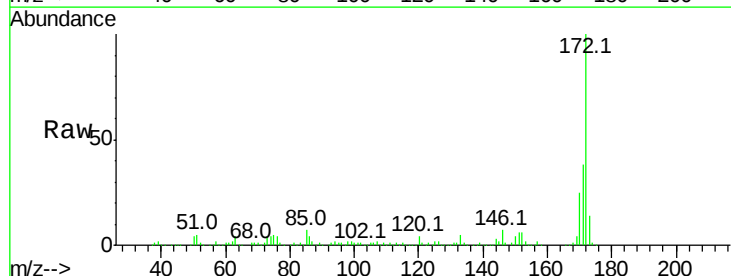


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

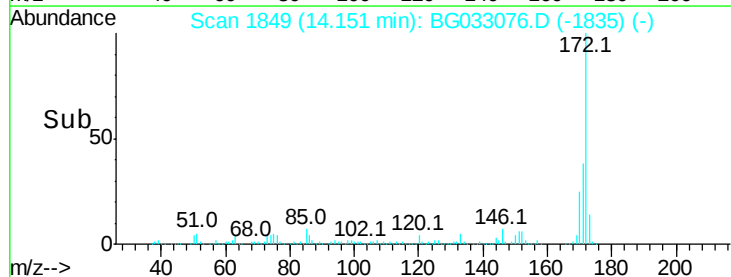
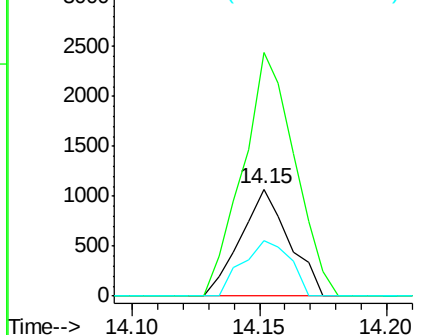


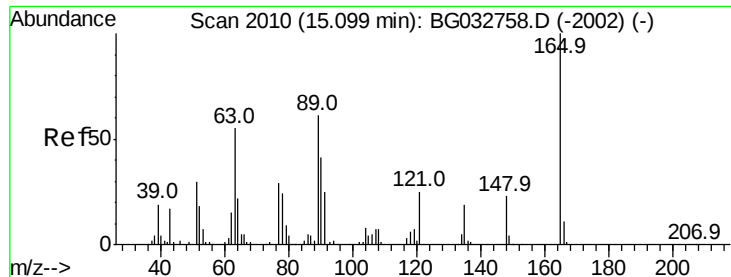
#47
2-Nitroaniline
Concen: 10.359 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.45 min
Lab File: BG033076.D
Acq: 9 Mar 2018 17:30

Tgt Ion: 65 Resp: 1427
Ion Ratio Lower Upper
65 100
92 228.3 54.6 82.0#
138 51.7 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): E

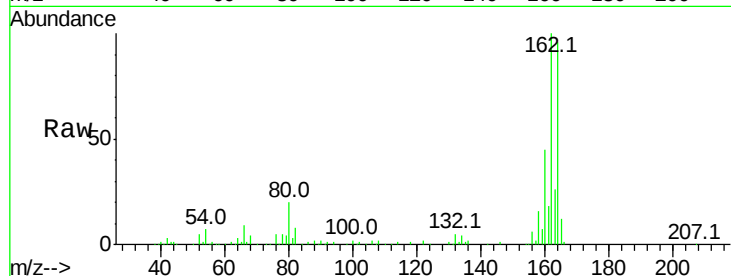




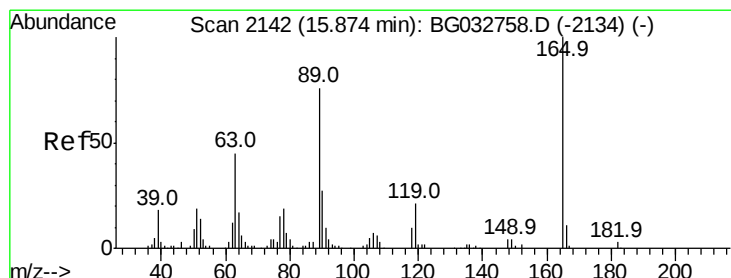
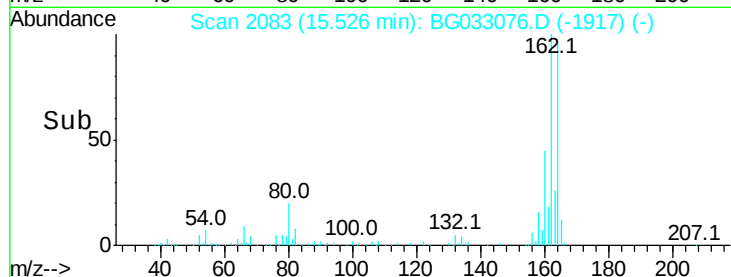
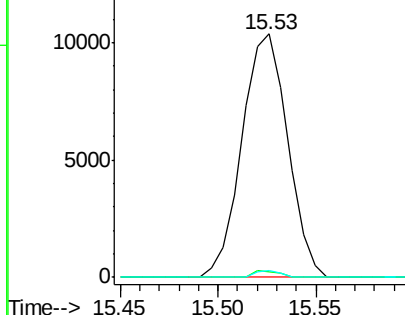
#50
2,6-Dinitrotoluene
Concen: 16.297 ng
RT: 15.53 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033076.D
Acq: 9 Mar 2018 17:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 16823
Ion Ratio Lower Upper
165 100
63 2.1 52.7 79.1#
89 2.7 49.2 73.8#



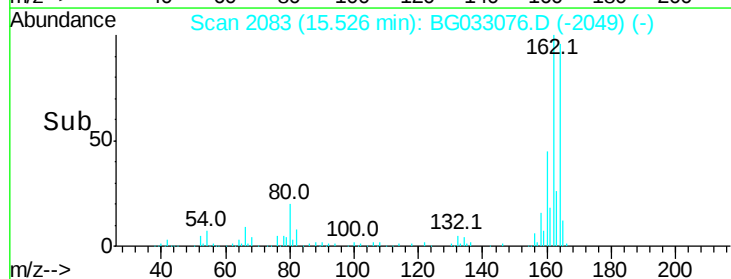
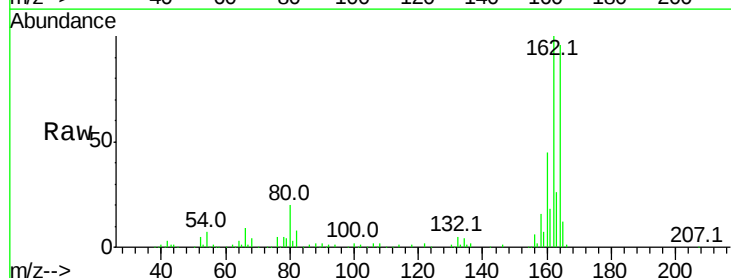
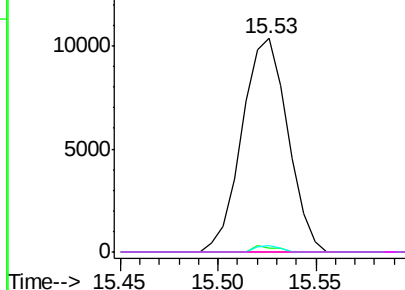
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

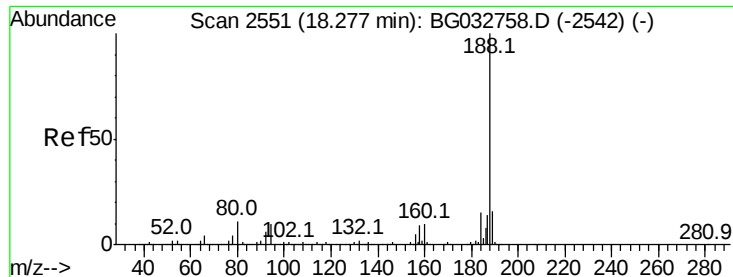


#56
2,4-Dinitrotoluene
Concen: 14.494 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033076.D
Acq: 9 Mar 2018 17:30

Tgt Ion:165 Resp: 16823
Ion Ratio Lower Upper
165 100
63 2.1 42.0 63.0#
89 2.7 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

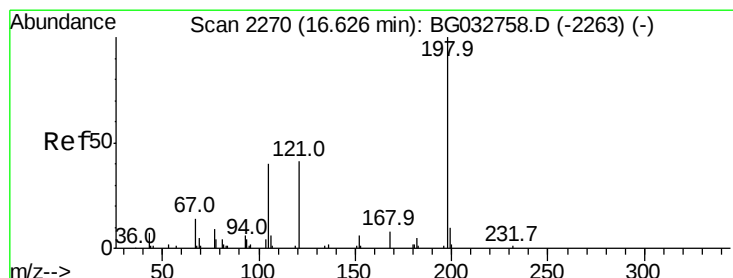
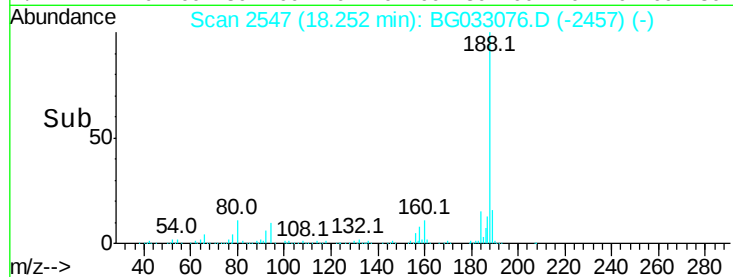
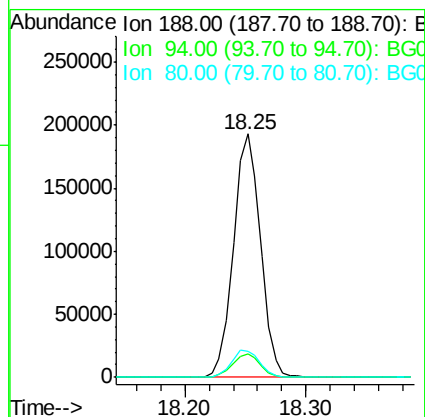
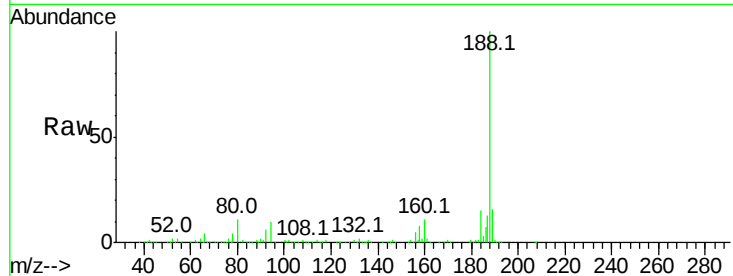




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BG033076.D
 Acq: 9 Mar 2018 17:30

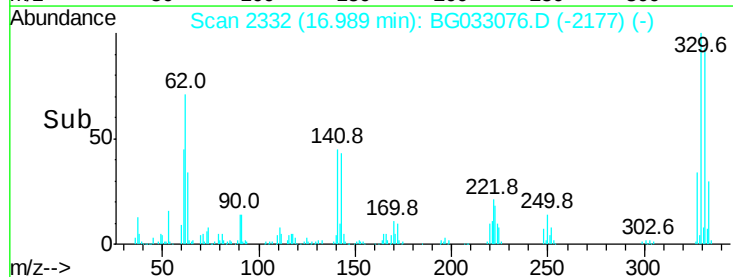
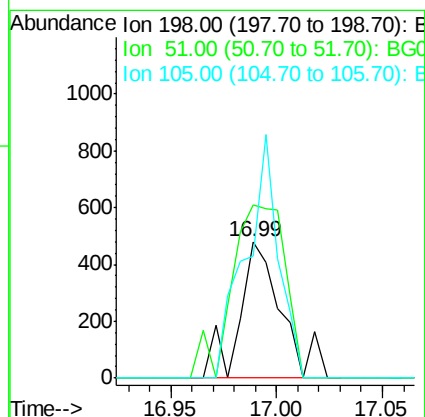
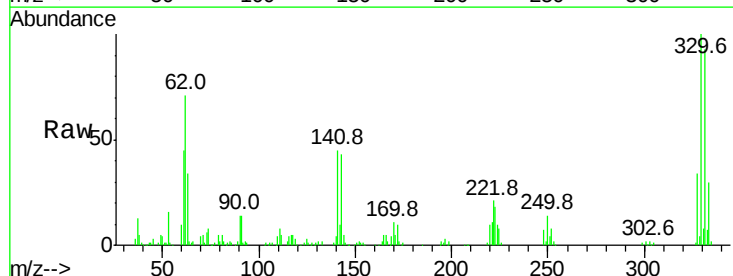
Instrument :
 BNA_G
 ClientSampleId :

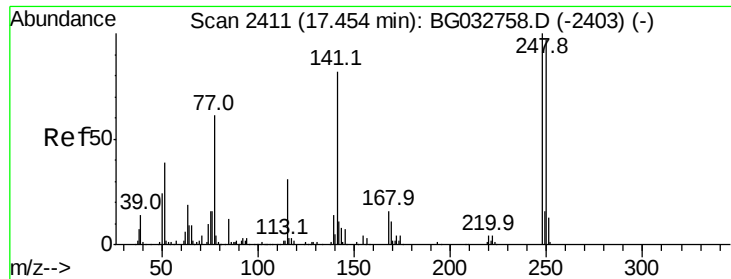
Tot Ion:188 Resp: 300193
 Ion Ratio Lower Upper
 188 100
 94 9.7 6.9 10.3
 80 10.9 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.886 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. 0.38 min
 Lab File: BG033076.D
 Acq: 9 Mar 2018 17:30

Tgt Ion:198 Resp: 663
 Ion Ratio Lower Upper
 198 100
 51 127.1 30.6 70.6#
 105 89.6 23.8 63.8#

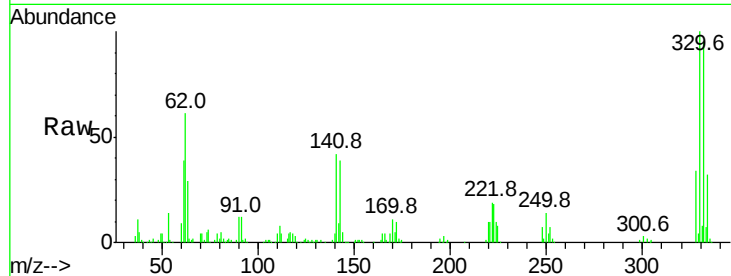




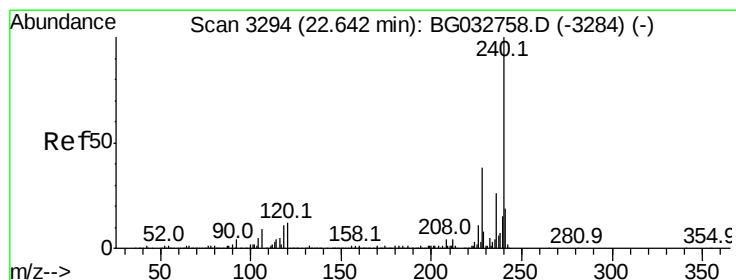
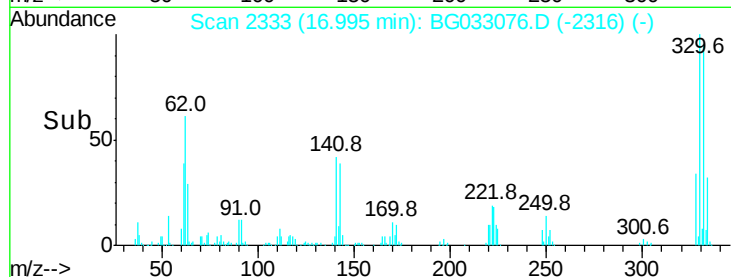
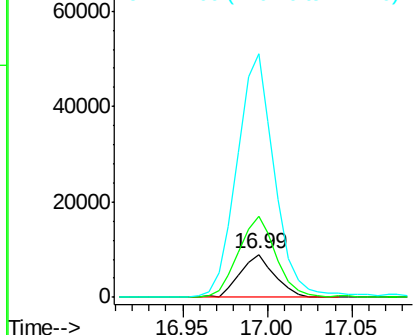
#66
 4-Bromophenyl-phenylether
 Concen: 4.036 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.43 min
 Lab File: BG033076.D
 Acq: 9 Mar 2018 17:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 12810
 Ion Ratio Lower Upper
 248 100
 250 189.9 77.1 115.7#
 141 566.2 50.8 76.2#

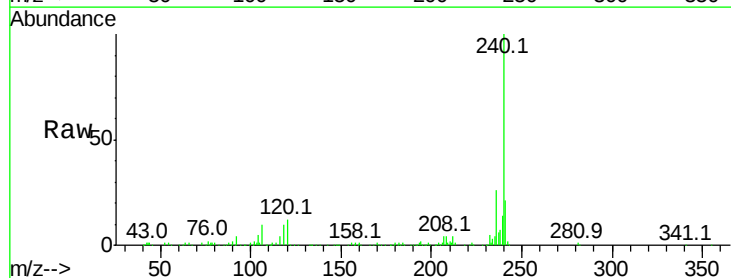


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

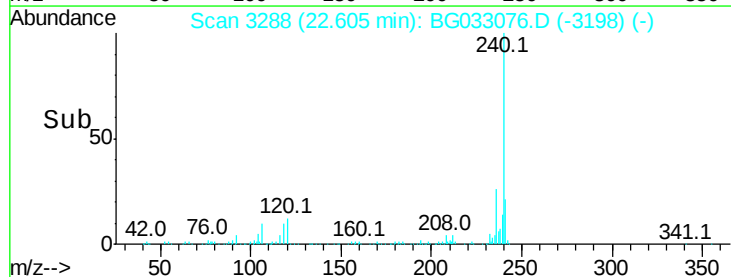
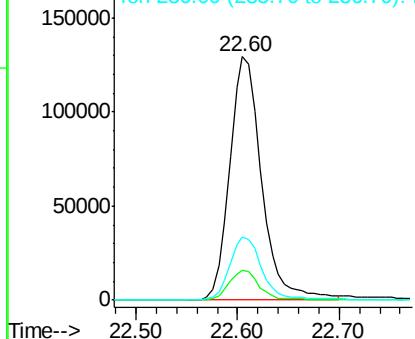


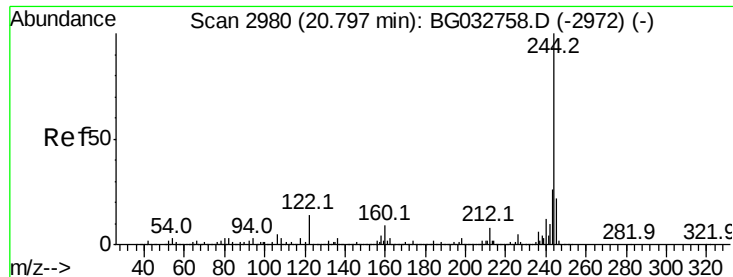
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3288
 Delta R.T. -0.00 min
 Lab File: BG033076.D
 Acq: 9 Mar 2018 17:30

Tgt Ion:240 Resp: 282968
 Ion Ratio Lower Upper
 240 100
 120 12.2 6.8 10.2#
 236 26.0 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

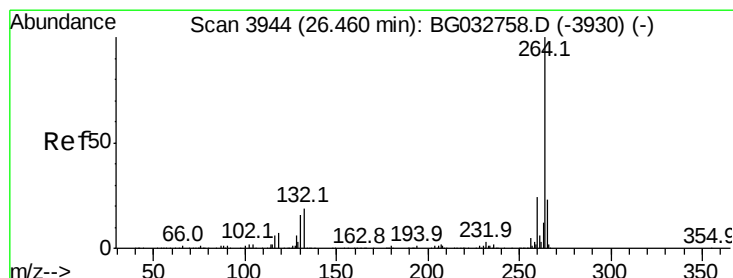
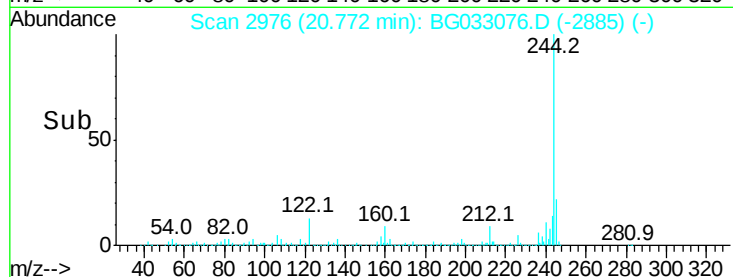
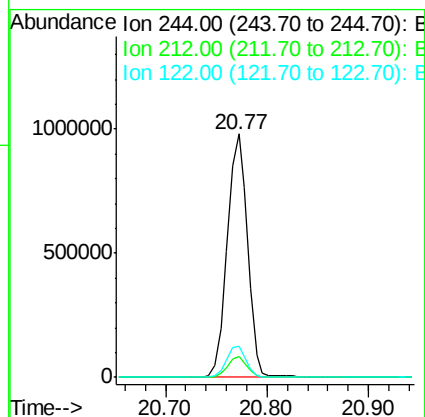
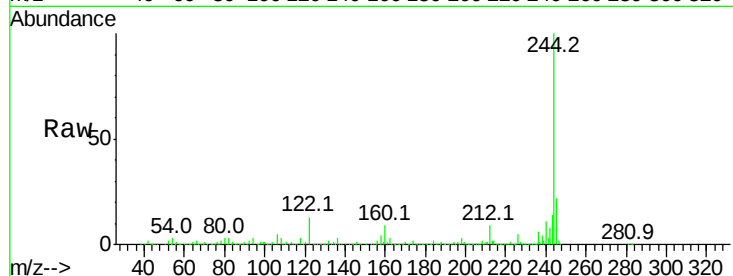




#78
 Terphenyl-d14
 Concen: 108.521 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. 0.00 min
 Lab File: BG033076.D
 Acq: 9 Mar 2018 17:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1366780
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.8 8.8
 122 13.0 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: BG033076.D
 Acq: 9 Mar 2018 17:30

Tgt Ion:264 Resp: 252969
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.4 26.0
 265 22.0 17.7 26.5

