

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032900.D
 Acq On : 28 Feb 2018 22:59
 Operator : SJ/JU
 Sample : J1699-24
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 01 01:29:42 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

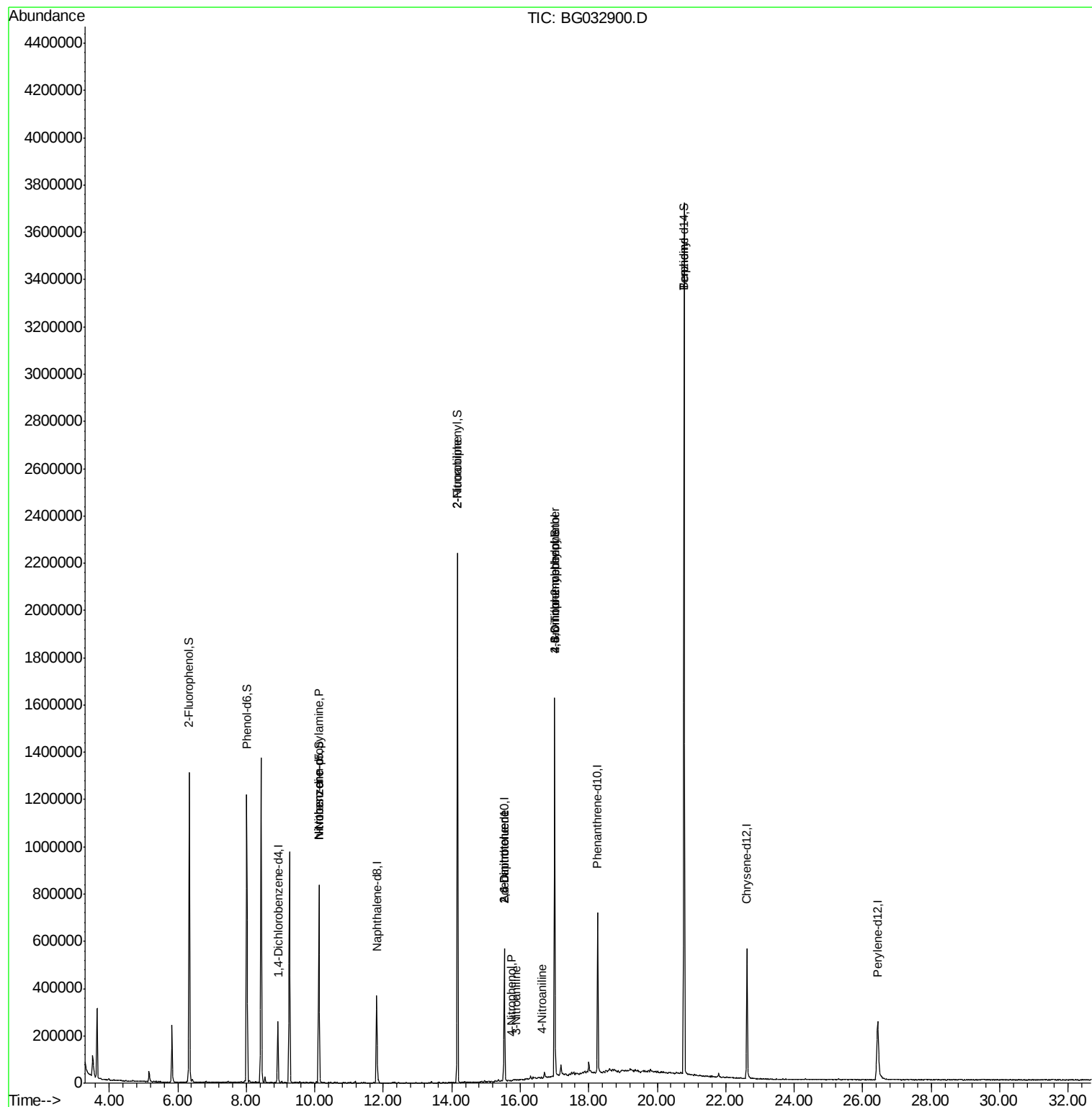
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	74778	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	334691	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	187419	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	406025	20.00	ng	0.00
75) Chrysene-d12	22.62	240	365407	20.00	ng	-0.01
86) Perylene-d12	26.44	264	354005	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	632958	135.42	ng	0.00
7) Phenol-d6	8.02	99	759407	116.56	ng	0.00
23) Nitrobenzene-d5	10.12	82	532823	107.51	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	278771	141.46	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1129958	86.95	ng	0.00
78) Terphenyl-d14	20.78	244	1569286	96.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.12	70	69247	15.056	ng	# 82
24) Nitrobenzene	10.12	77	1589	6.638	ng	# 44
47) 2-Nitroaniline	14.16	65	2171	10.395	ng	# 5
50) 2,6-Dinitrotoluene	15.54	165	25443	16.767	ng	# 21
52) 3-Nitroaniline	15.88	138	68	7.561	ng	# 1
55) 4-Nitrophenol	15.75	139	57	7.100	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	25443	14.967	ng	# 18
61) 4-Nitroaniline	16.63	138	60	5.315	ng	# 12
64) 4,6-Dinitro-2-methylphenol	17.00	198	792	5.777	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	20309	4.730	ng	# 1
76) Benzidine	20.78	184	27190	2.183	ng	# 90

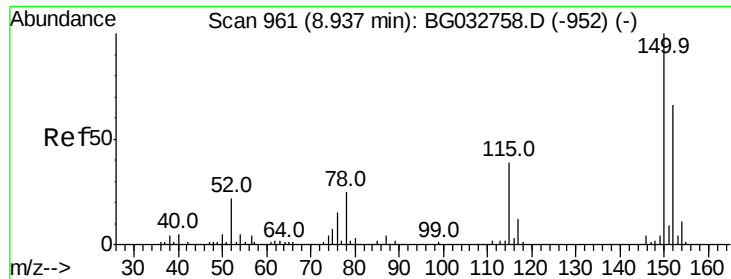
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
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QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG032900.D

Acq: 28 Feb 2018 22:59

Instrument :

BNA_G

ClientSampled :

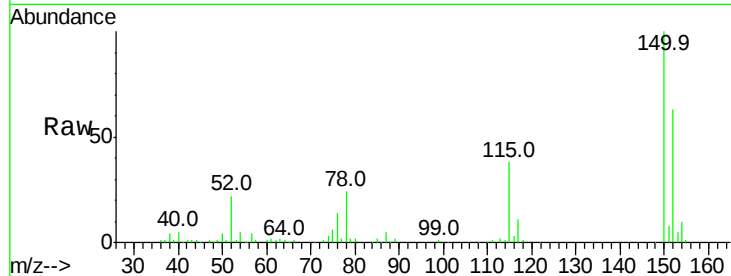
Tot Ion:152 Resp: 74778

Ion Ratio Lower Upper

152 100

150 159.4 126.6 189.8

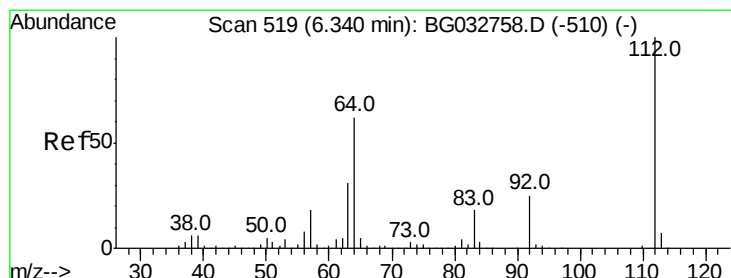
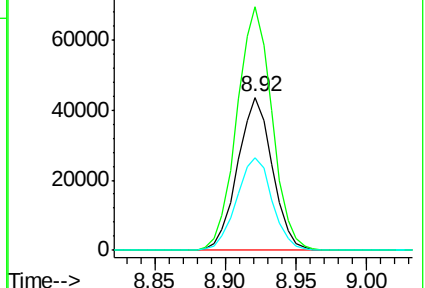
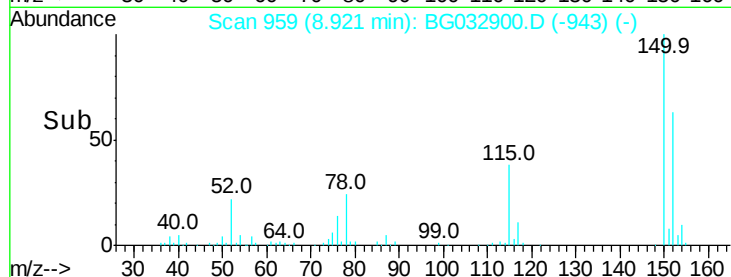
115 60.4 53.0 79.4



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: 135.420 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

Lab File: BG032900.D

Acq: 28 Feb 2018 22:59

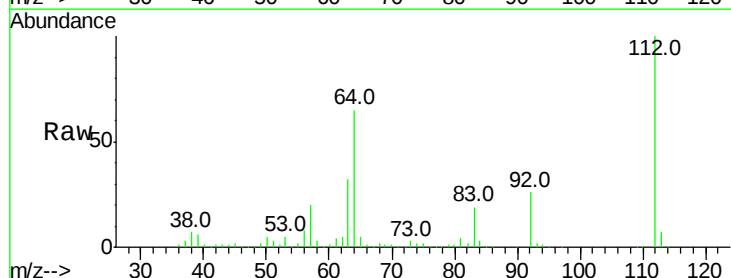
Tgt Ion:112 Resp: 632958

Ion Ratio Lower Upper

112 100

64 65.3 56.3 84.5

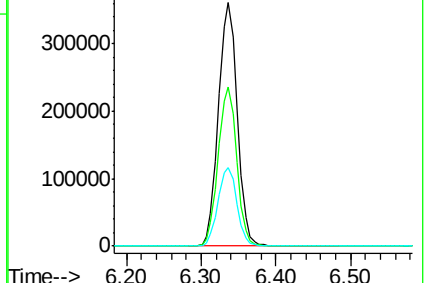
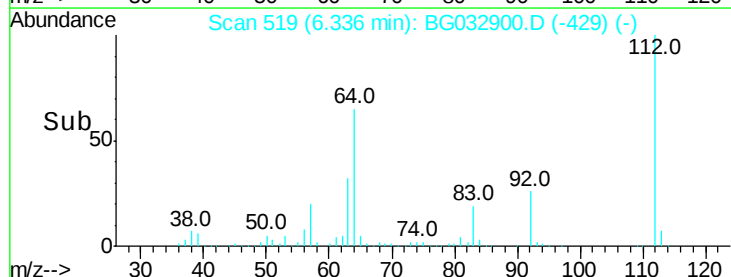
63 32.3 30.1 45.1

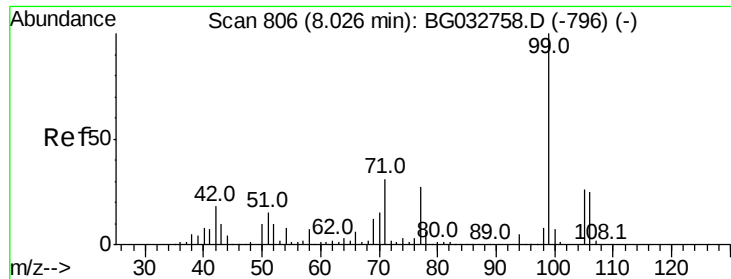


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.563 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032900.D

Acq: 28 Feb 2018 22:59

Instrument :

BNA_G

ClientSampled :

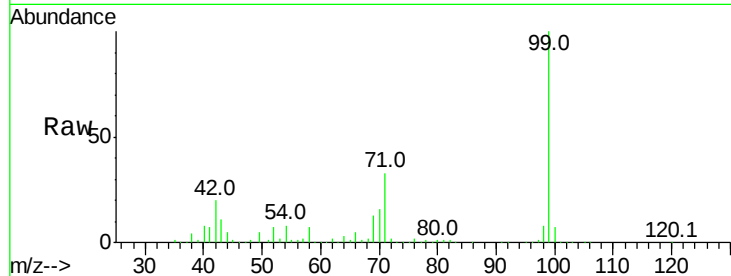
Tot Ion: 99 Resp: 759407

Ion Ratio Lower Upper

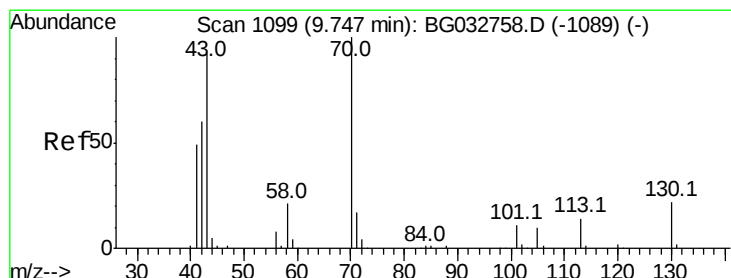
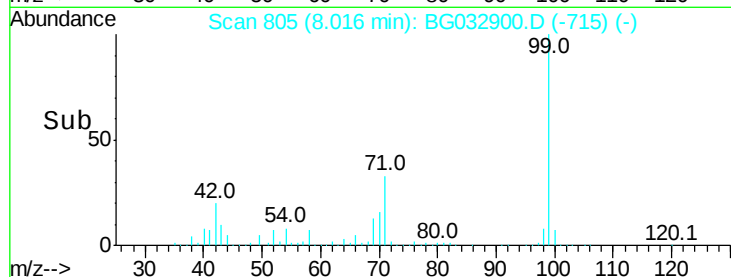
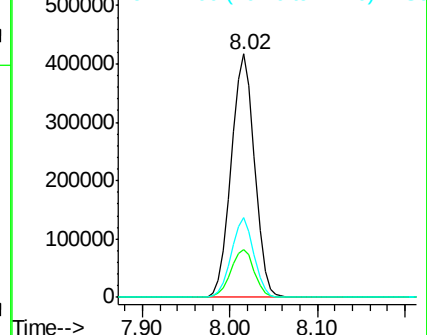
99 100

42 19.7 14.1 21.1

71 32.6 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: 15.056 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.38 min

Lab File: BG032900.D

Acq: 28 Feb 2018 22:59

Tgt Ion: 70 Resp: 69247

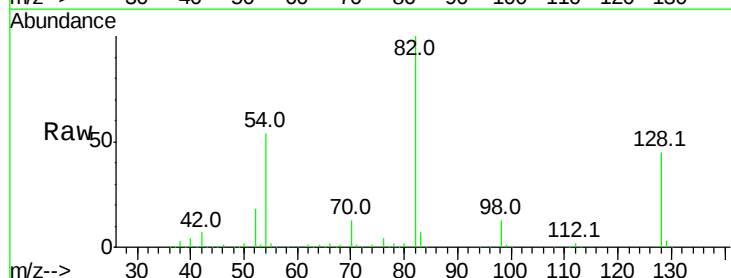
Ion Ratio Lower Upper

70 100

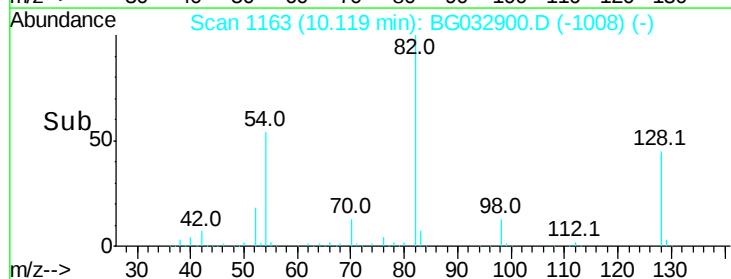
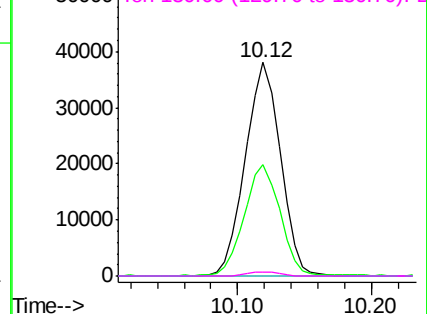
42 52.2 49.1 73.7

101 0.0 8.5 12.7#

130 1.6 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

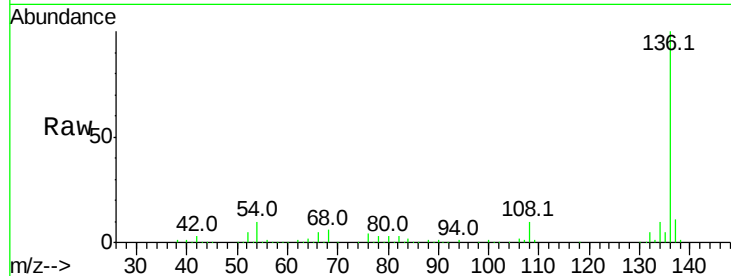




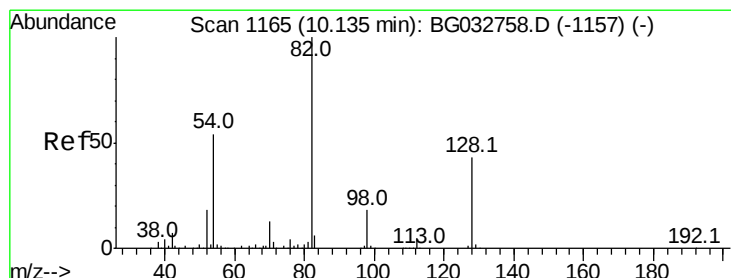
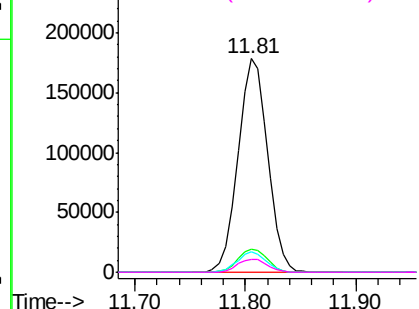
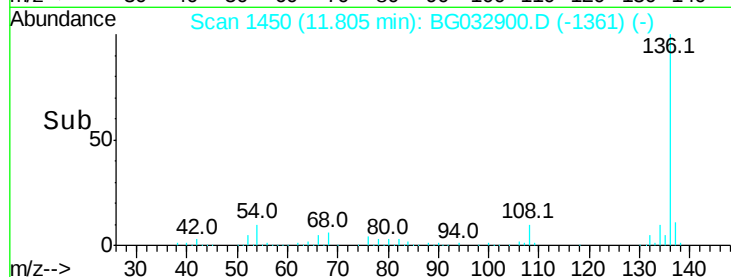
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG032900.D
Acq: 28 Feb 2018 22:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	334691
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.6	10.3	15.5#
68	6.0	4.5	6.7

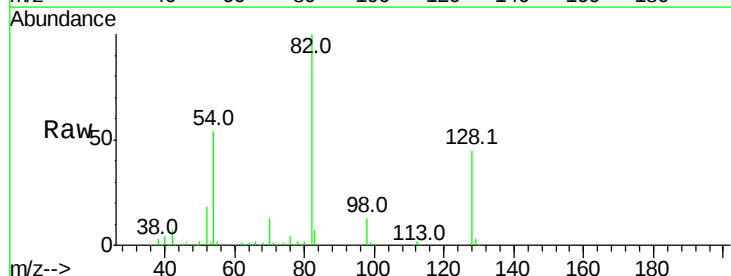


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

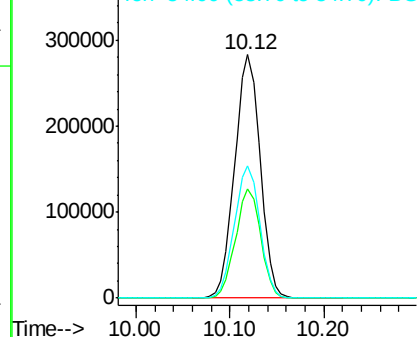
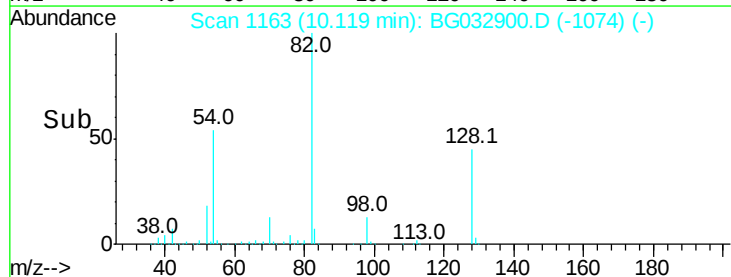


#23
Nitrobenzene-d5
Concen: 107.505 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG032900.D
Acq: 28 Feb 2018 22:59

Tgt Ion:	82	Resp:	532823
Ion	Ratio	Lower	Upper
82	100		
128	45.1	29.7	44.5#
54	54.3	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





#24

Nitrobenzene

Concen: 6.638 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.05 min

Lab File: BG032900.D

Acq: 28 Feb 2018 22:59

Instrument :

BNA_G

ClientSampleId :

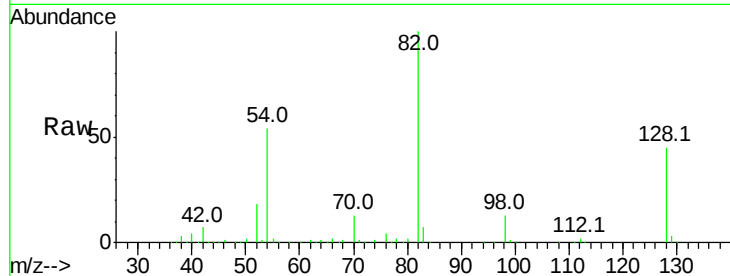
Tot Ion: 77 Resp: 1589

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

65 30.0 13.0 19.6#

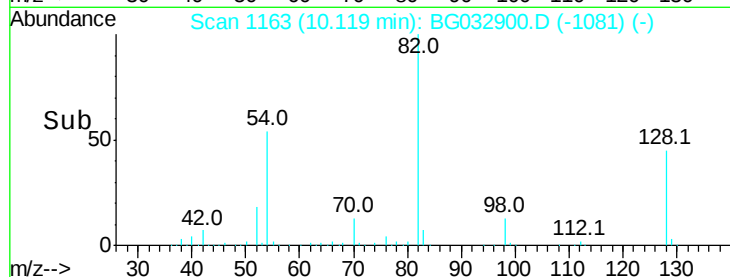


Abundance Ion 77.00 (76.70 to 77.70): BGC

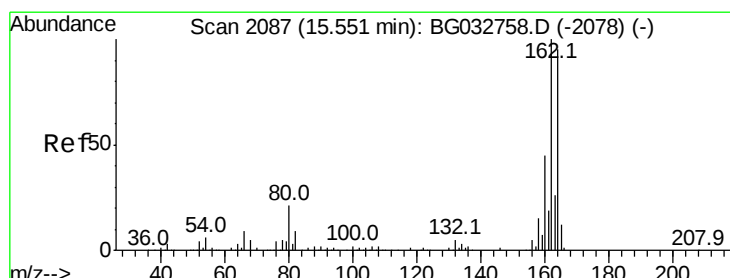
Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG032900.D

Acq: 28 Feb 2018 22:59

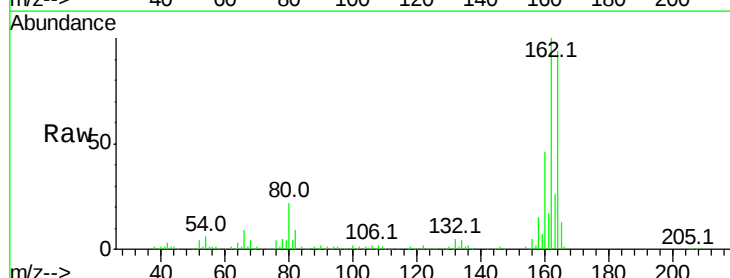
Tgt Ion:164 Resp: 187419

Ion Ratio Lower Upper

164 100

162 106.2 78.8 118.2

160 48.9 35.4 53.0

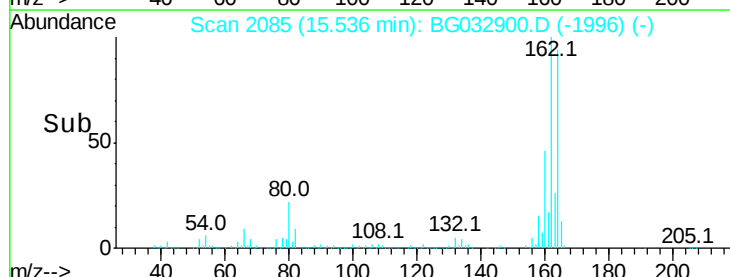


Abundance Ion 164.00 (163.70 to 164.70): BGC

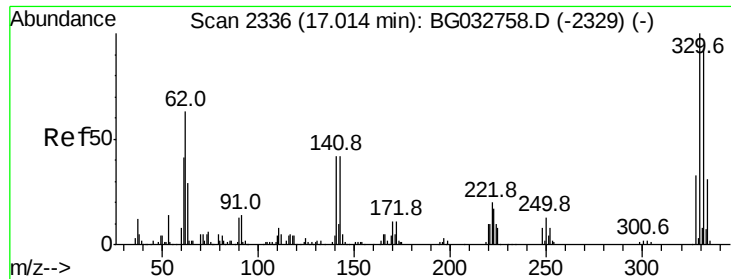
Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

Time-->



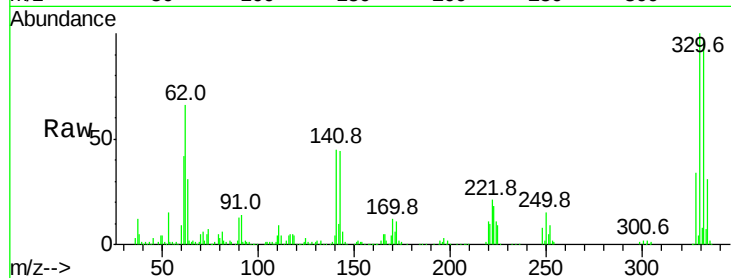
Time-->



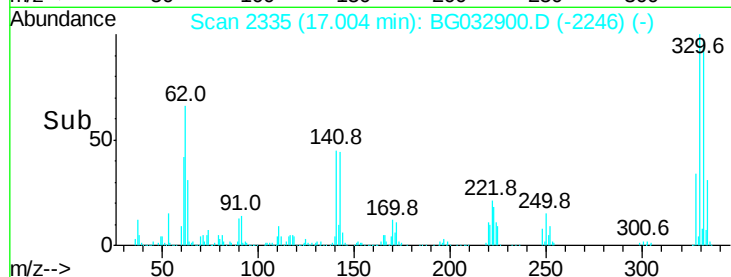
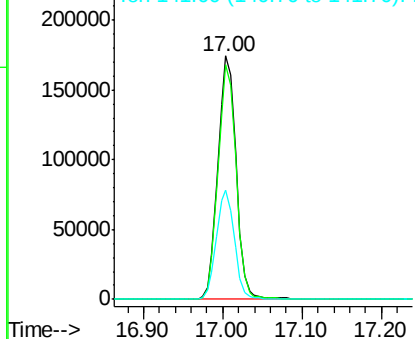
#41
 2,4,6-Tribromophenol
 Concen: 141.462 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG032900.D
 Acq: 28 Feb 2018 22:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 278771
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 44.8 25.2 37.8#

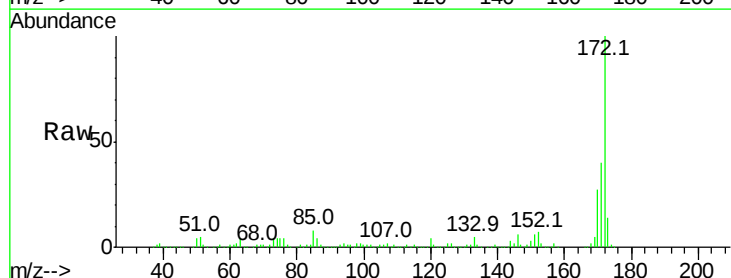


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

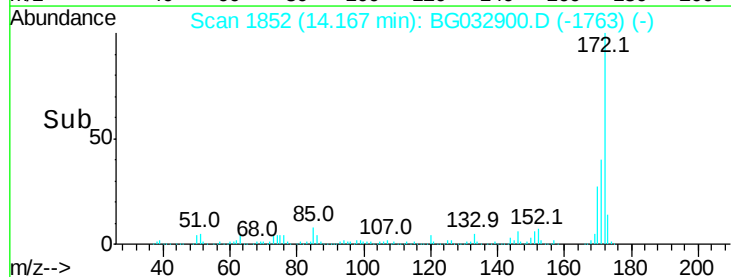
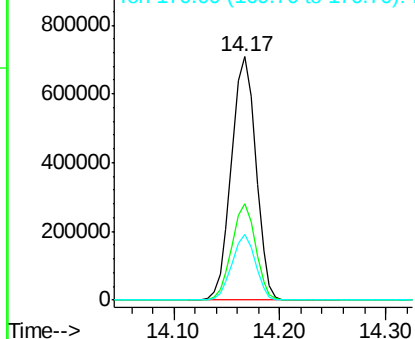


#44
 2-Fluorobiphenyl
 Concen: 86.954 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032900.D
 Acq: 28 Feb 2018 22:59

Tgt Ion:172 Resp: 1129958
 Ion Ratio Lower Upper
 172 100
 171 39.5 30.0 45.0
 170 26.9 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: 10.395 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.46 min

Lab File: BG032900.D

Acq: 28 Feb 2018 22:59

Instrument :

BNA_G

ClientSampled :

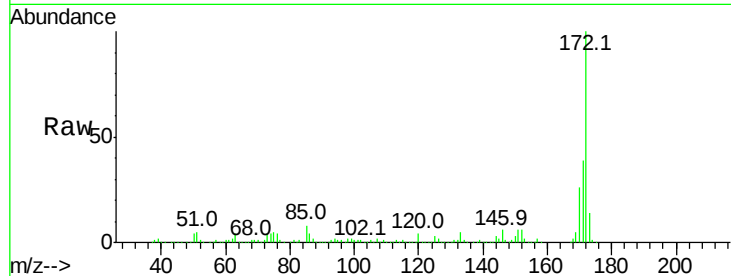
Tot Ion: 65 Resp: 2171

Ion Ratio Lower Upper

65 100

92 192.6 54.6 82.0#

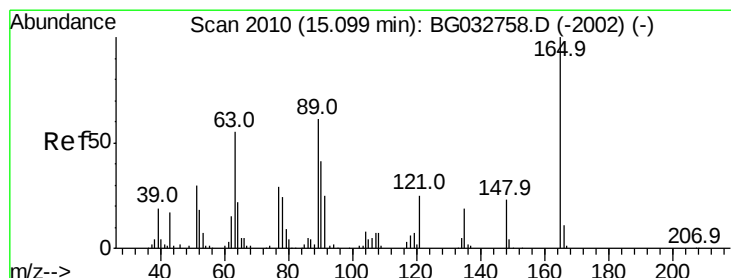
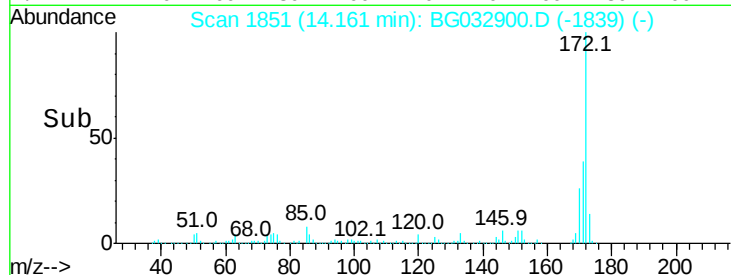
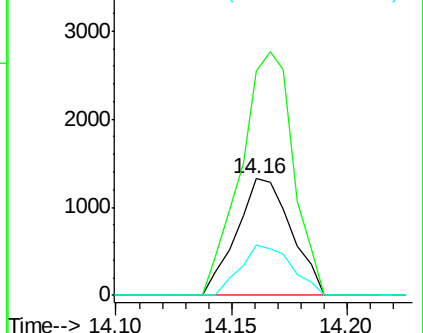
138 42.9 72.9 109.3#



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: 16.767 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.44 min

Lab File: BG032900.D

Acq: 28 Feb 2018 22:59

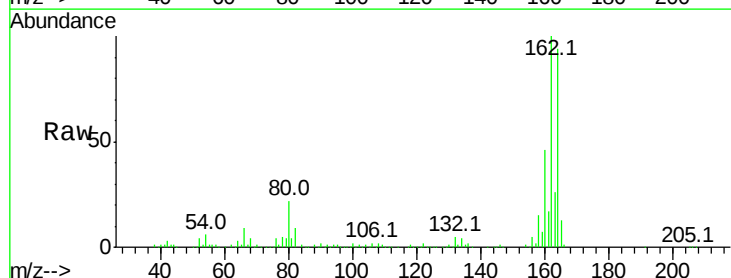
Tgt Ion:165 Resp: 25443

Ion Ratio Lower Upper

165 100

63 1.4 52.7 79.1#

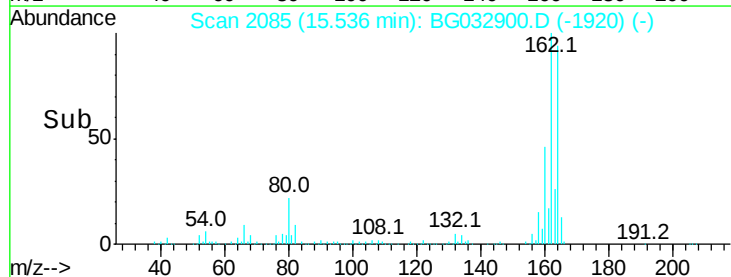
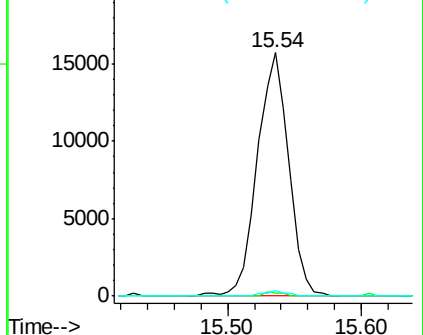
89 2.2 49.2 73.8#

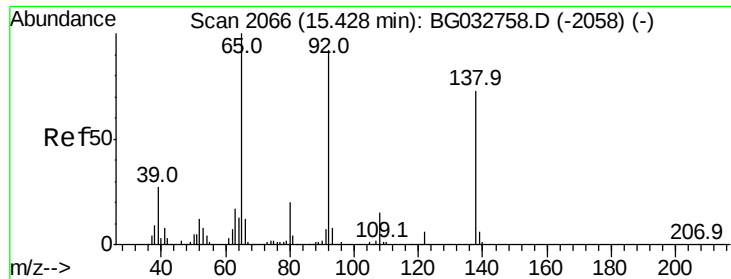


Abundance Ion 165.00 (164.70 to 165.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

3-Nitroaniline

Concen: 7.561 ng

RT: 15.88 min Scan# 2144

Delta R.T. 0.46 min

Lab File: BG032900.D

Acq: 28 Feb 2018 22:59

Instrument :

BNA_G

ClientSampleId :

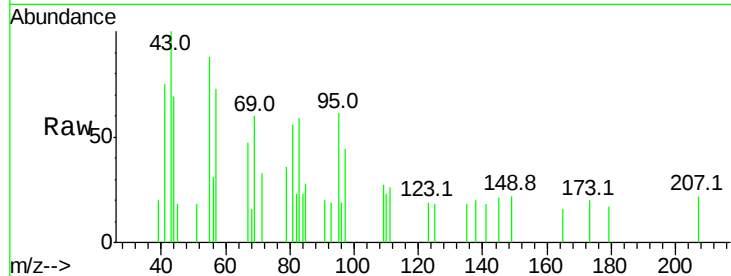
Tot Ion:138 Resp: 68

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

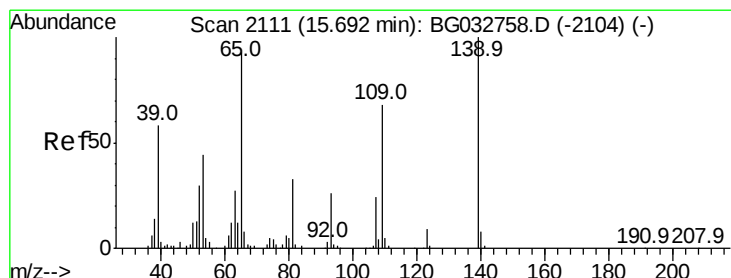
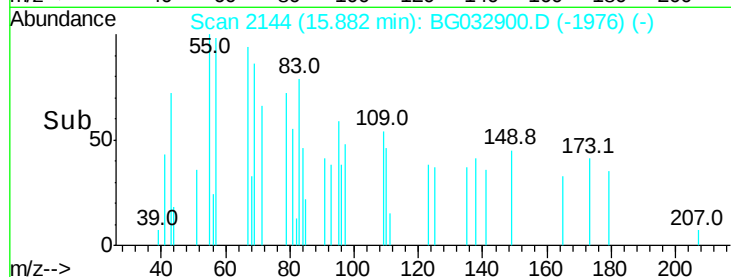
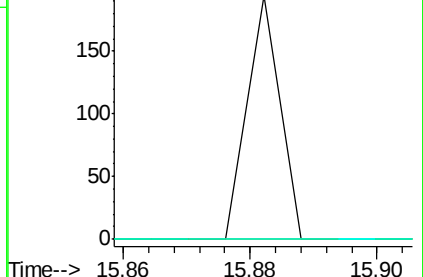
92 0.0 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#55

4-Nitrophenol

Concen: 7.100 ng

RT: 15.75 min Scan# 2121

Delta R.T. 0.06 min

Lab File: BG032900.D

Acq: 28 Feb 2018 22:59

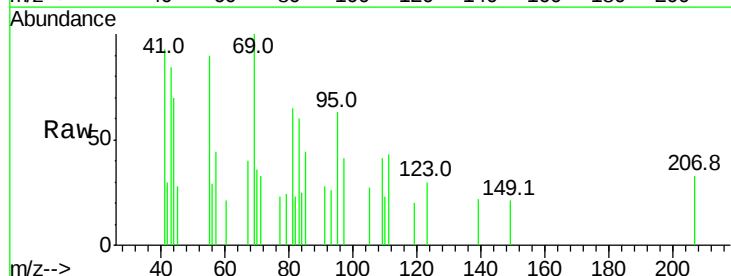
Tgt Ion:139 Resp: 57

Ion Ratio Lower Upper

139 100

109 187.0 62.2 102.2#

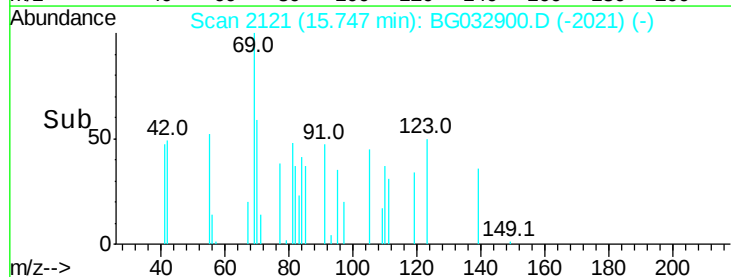
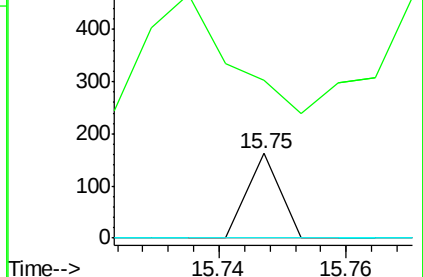
65 0.0 97.2 137.2#

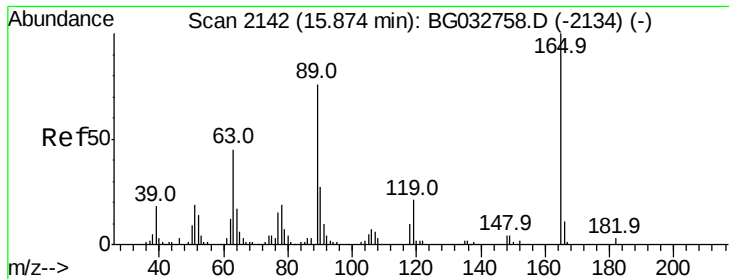


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

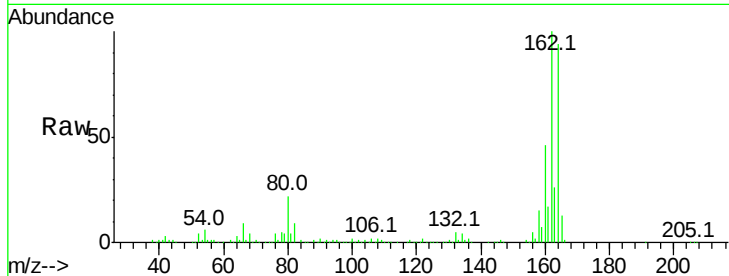




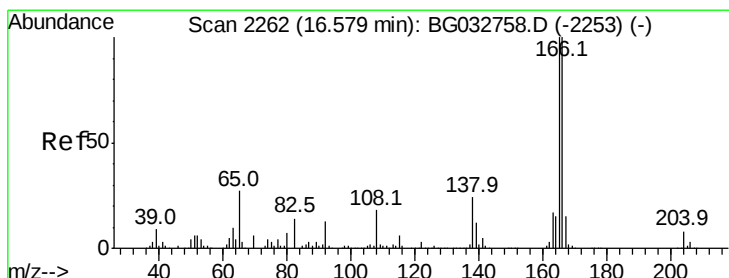
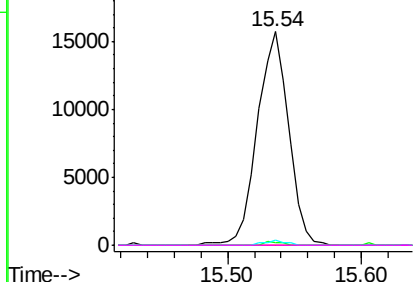
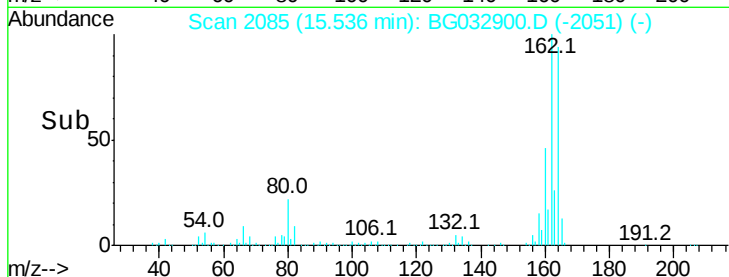
#56
 2,4-Dinitrotoluene
 Concen: 14.967 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.33 min
 Lab File: BG032900.D
 Acq: 28 Feb 2018 22:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 25443
 Ion Ratio Lower Upper
 165 100
 63 1.4 42.0 63.0#
 89 2.2 66.9 100.3#
 182 0.0 2.6 3.8#

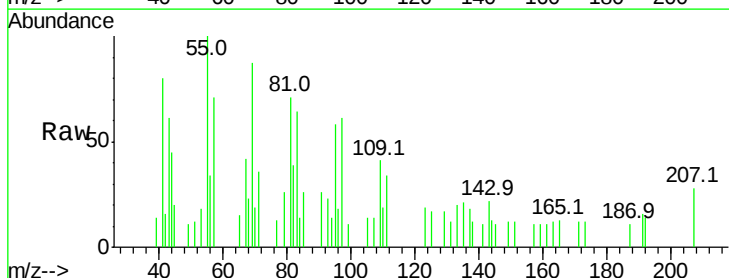


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

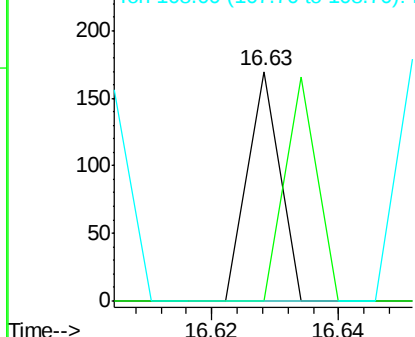
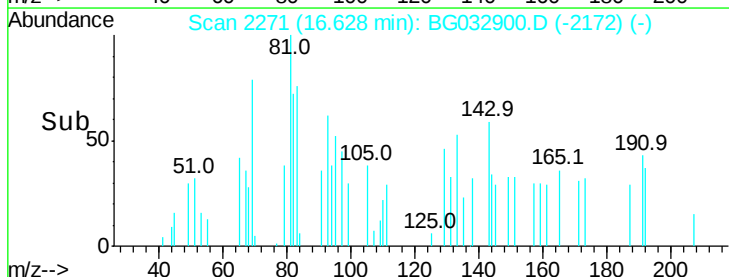


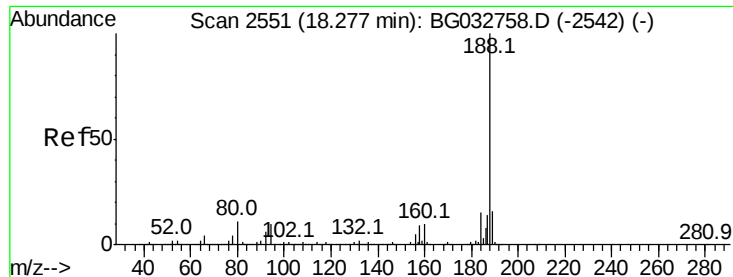
#61
 4-Nitroaniline
 Concen: 5.315 ng
 RT: 16.63 min Scan# 2271
 Delta R.T. 0.05 min
 Lab File: BG032900.D
 Acq: 28 Feb 2018 22:59

Tgt Ion:138 Resp: 60
 Ion Ratio Lower Upper
 138 100
 92 0.0 40.1 80.1#
 108 0.0 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 108.00 (107.70 to 108.70): E

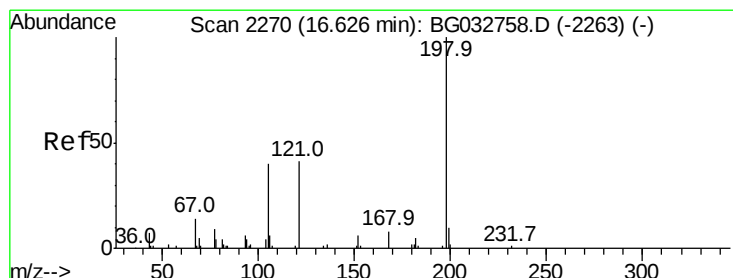
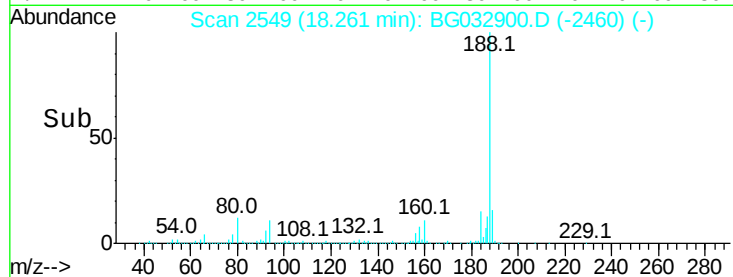
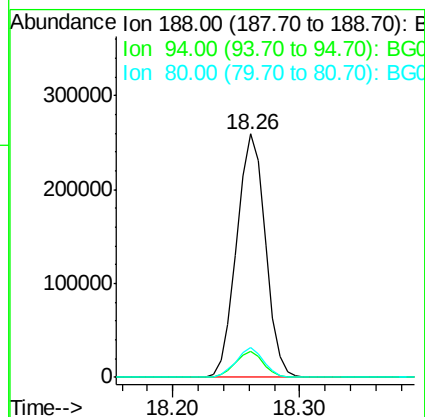
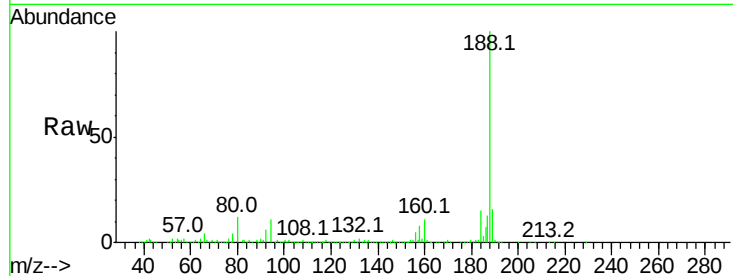




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BG032900.D
 Acq: 28 Feb 2018 22:59

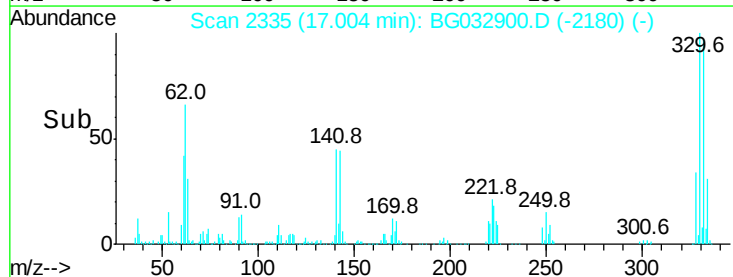
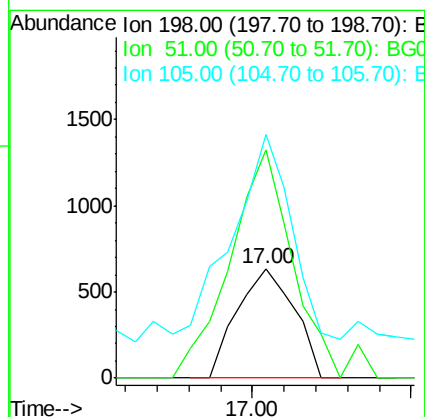
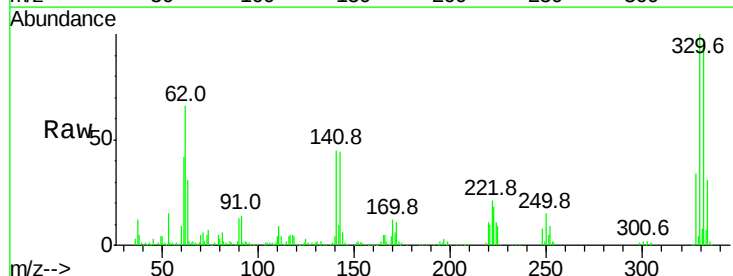
Instrument :
 BNA_G
 ClientSampleId :

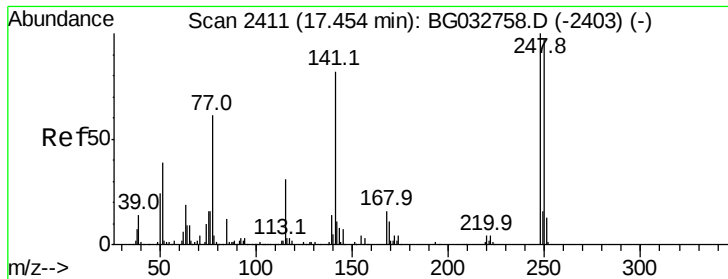
Tot Ion:188 Resp: 406025
 Ion Ratio Lower Upper
 188 100
 94 10.7 6.9 10.3#
 80 12.1 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.777 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.38 min
 Lab File: BG032900.D
 Acq: 28 Feb 2018 22:59

Tgt Ion:198 Resp: 792
 Ion Ratio Lower Upper
 198 100
 51 208.2 30.6 70.6#
 105 222.2 23.8 63.8#

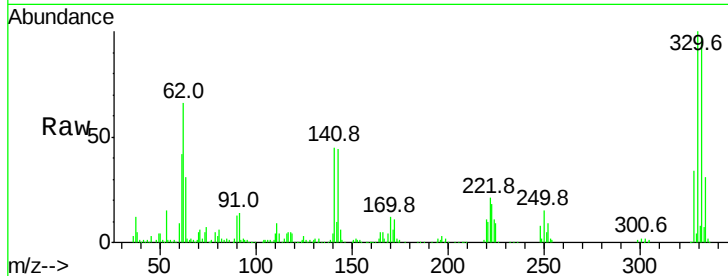




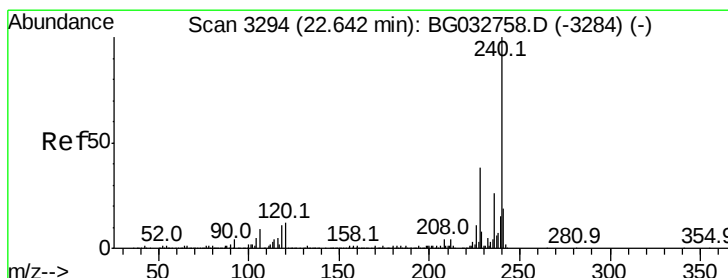
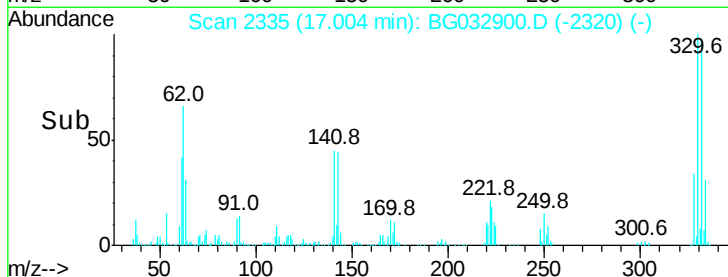
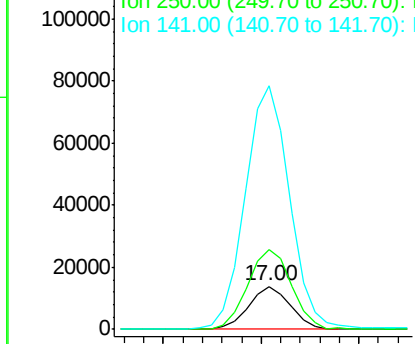
#66
 4-Bromophenyl-phenylether
 Concen: 4.730 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.44 min
 Lab File: BG032900.D
 Acq: 28 Feb 2018 22:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 20309
 Ion Ratio Lower Upper
 248 100
 250 184.7 77.1 115.7#
 141 565.1 50.8 76.2#

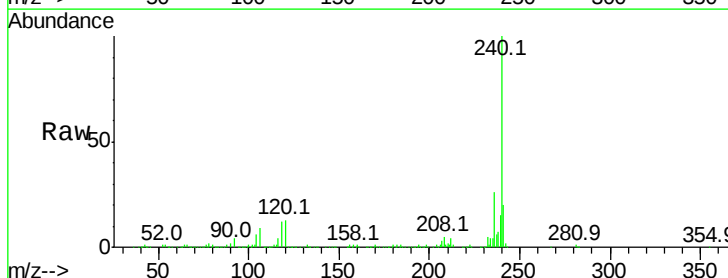


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

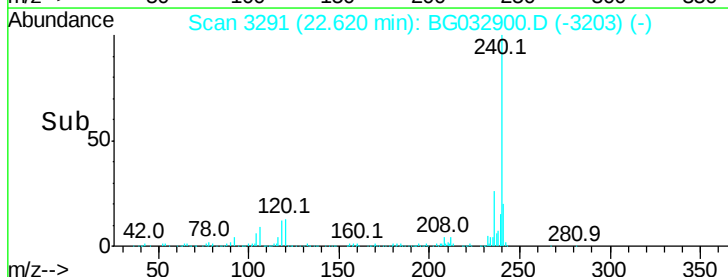
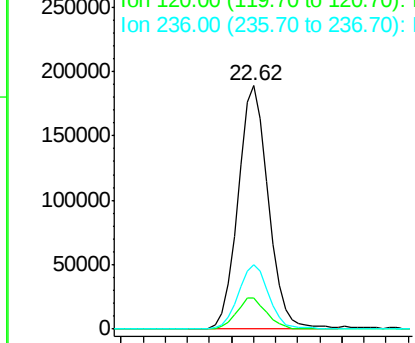


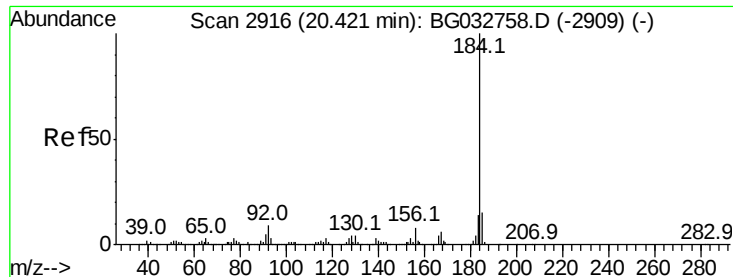
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. -0.01 min
 Lab File: BG032900.D
 Acq: 28 Feb 2018 22:59

Tgt Ion:240 Resp: 365407
 Ion Ratio Lower Upper
 240 100
 120 12.9 6.8 10.2#
 236 26.2 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





#76

Benzidine

Concen: 2.183 ng

RT: 20.78 min Scan# 2978

Delta R.T. 0.36 min

Lab File: BG032900.D

Acq: 28 Feb 2018 22:59

Instrument :

BNA_G

ClientSampled :

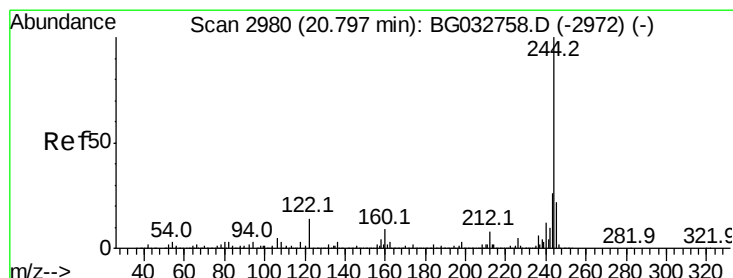
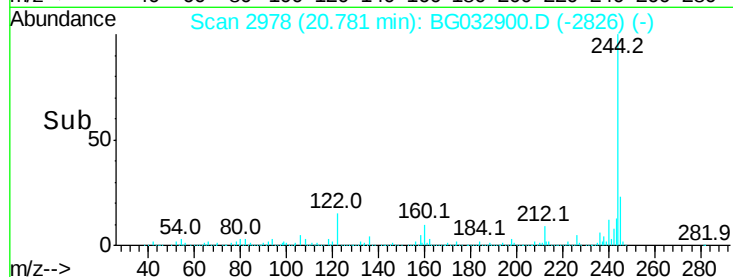
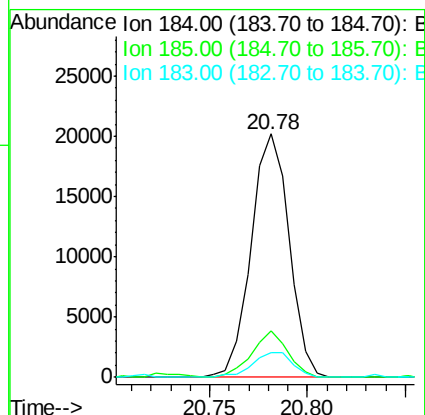
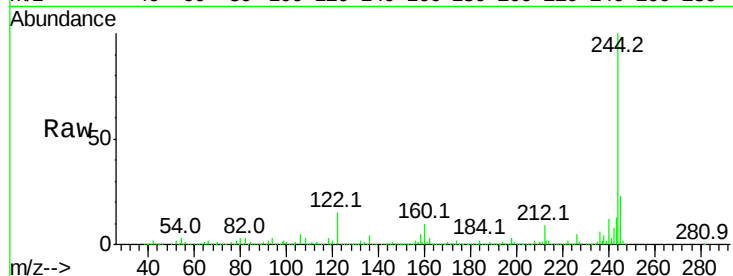
Tot Ion:184 Resp: 27190

Ion Ratio Lower Upper

184 100

185 19.0 11.1 16.7#

183 10.4 10.6 16.0#



#78

Terphenyl-d14

Concen: 96.489 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032900.D

Acq: 28 Feb 2018 22:59

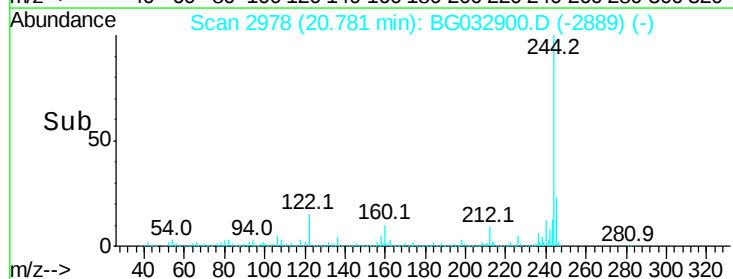
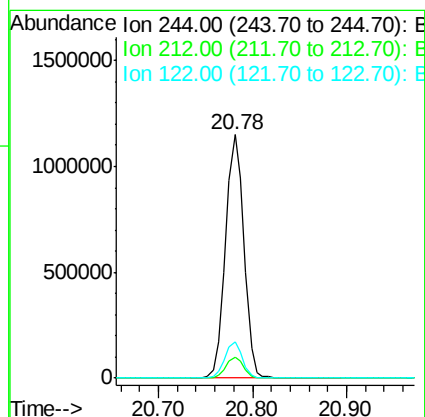
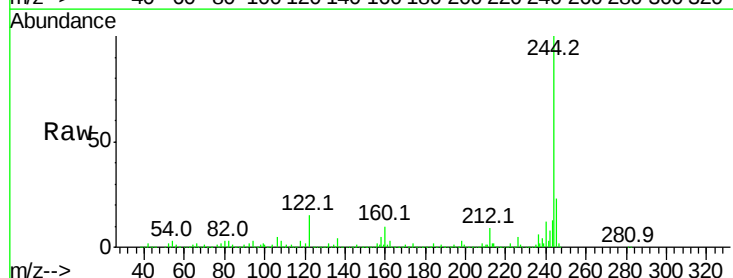
Tgt Ion:244 Resp: 1569286

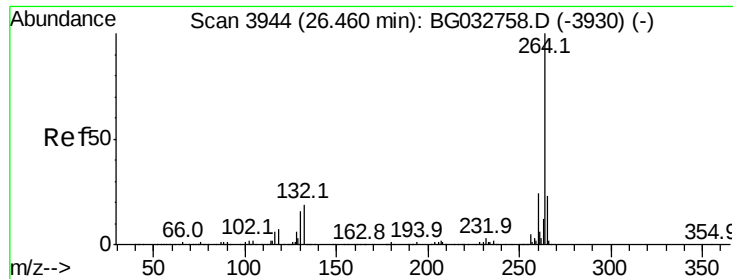
Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

122 14.7 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.44 min Scan# 3941
Delta R.T. 0.00 min
Lab File: BG032900.D
Acq: 28 Feb 2018 22:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	22.0	17.7	26.5

