

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033103.D
 Acq On : 13 Mar 2018 00:21
 Operator : SJ/JU
 Sample : J1867-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

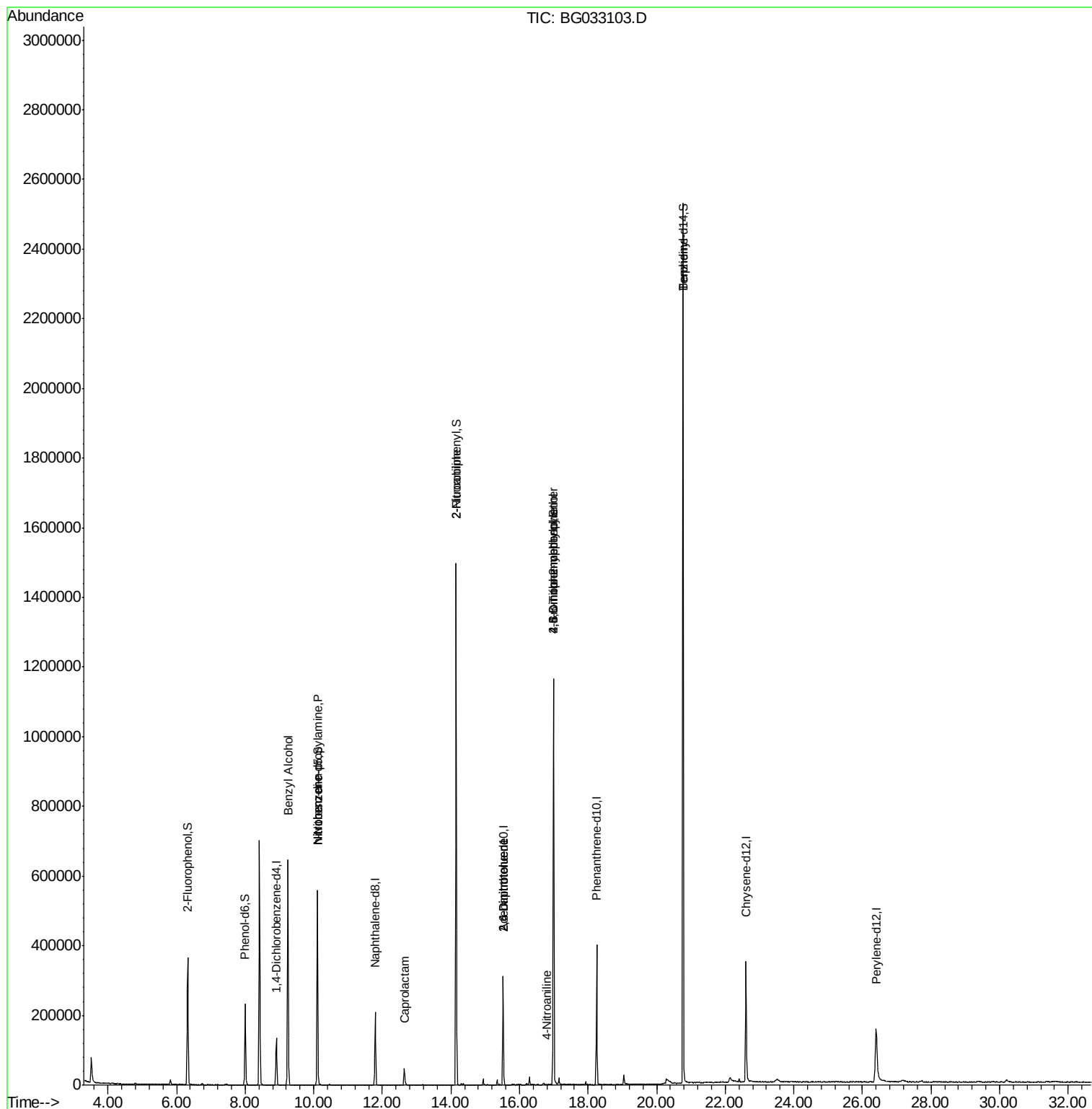
Quant Time: Mar 13 03:48:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

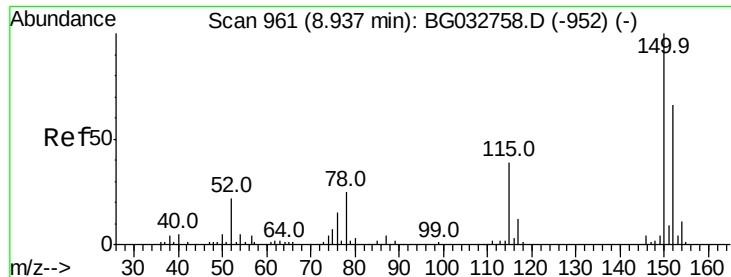
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	40276	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	181872	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	105384	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	251541	20.00	ng	0.00
75) Chrysene-d12	22.60	240	241134	20.00	ng	0.00
86) Perylene-d12	26.40	264	229130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	173711	69.00	ng	0.00
7) Phenol-d6	8.00	99	139591	39.78	ng	0.00
23) Nitrobenzene-d5	10.11	82	347721	127.12	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	212310	191.60	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	768180	105.13	ng	0.00
78) Terphenyl-d14	20.77	244	1197762	111.60	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.25	79	5363	2.079	ng	# 41
19) n-Nitroso-di-n-propylamine	10.11	70	45385	18.321	ng	# 83
24) Nitrobenzene	10.10	77	1038	6.691	ng	# 45
35) Caprolactam	12.65	113	8783	8.715	ng	# 94
47) 2-Nitroaniline	14.15	65	1489	10.518	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	13477	16.311	ng	# 20
56) 2,4-Dinitrotoluene	15.52	165	13477	14.508	ng	# 18
61) 4-Nitroaniline	16.79	138	59	5.327	ng	# 12
64) 4,6-Dinitro-2-methylphenol	17.00	198	667	6.073	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	14194	5.337	ng	# 1
76) Benzidine	20.77	184	20597	2.506	ng	# 95

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

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ALS Vial  : 19      Sample Multiplier: 1
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QLast Update : Fri Mar 09 15:10:14 2018
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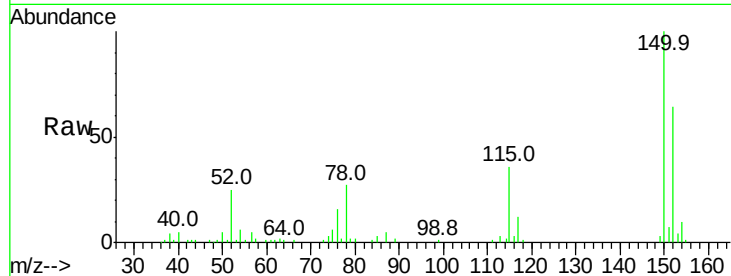


#1

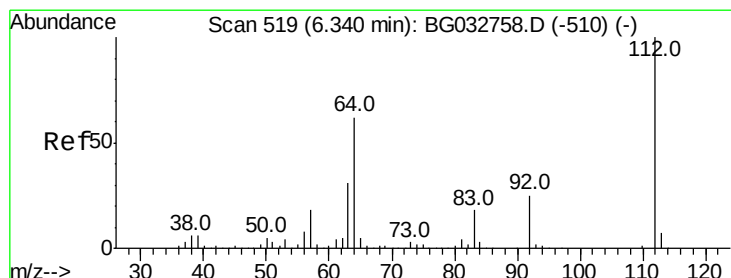
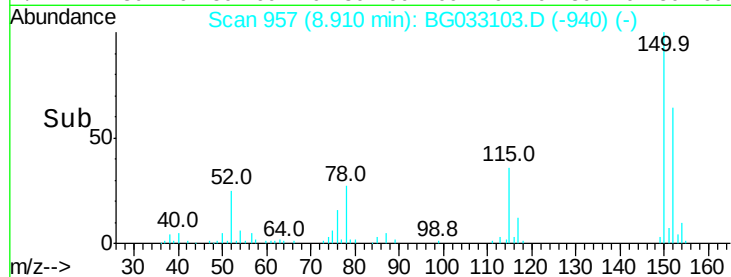
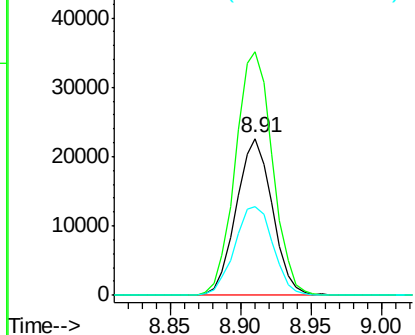
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033103.D
Acq: 13 Mar 2018 00:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40276
Ion Ratio Lower Upper
152 100
150 155.4 126.6 189.8
115 56.7 53.0 79.4



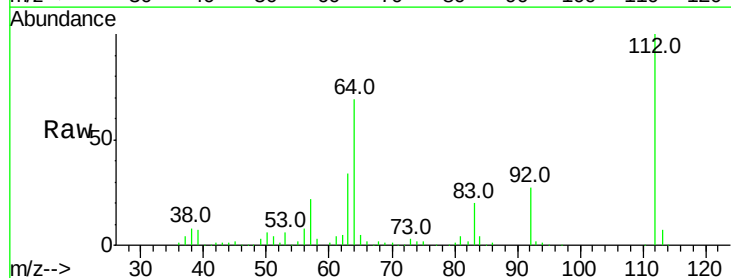
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



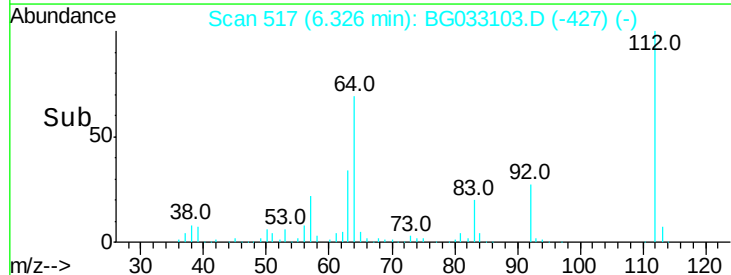
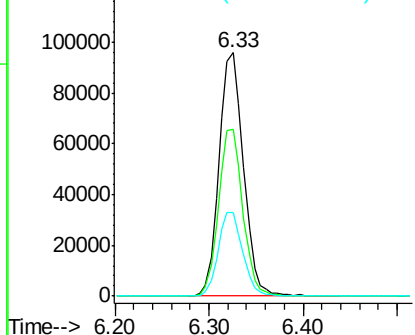
#5

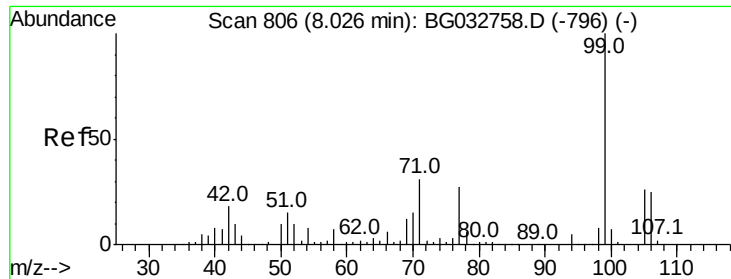
2-Fluorophenol
Concen: 69.002 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033103.D
Acq: 13 Mar 2018 00:21

Tgt Ion:112 Resp: 173711
Ion Ratio Lower Upper
112 100
64 68.6 56.3 84.5
63 34.5 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: 39.781 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG033103.D

Acq: 13 Mar 2018 00:21

Instrument :

BNA_G

ClientSampled :

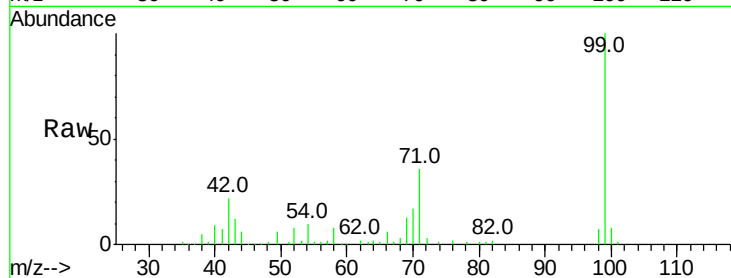
Tot Ion: 99 Resp: 139591

Ion Ratio Lower Upper

99 100

42 22.1 14.1 21.1#

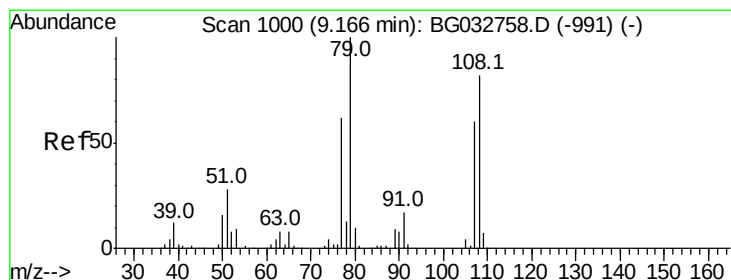
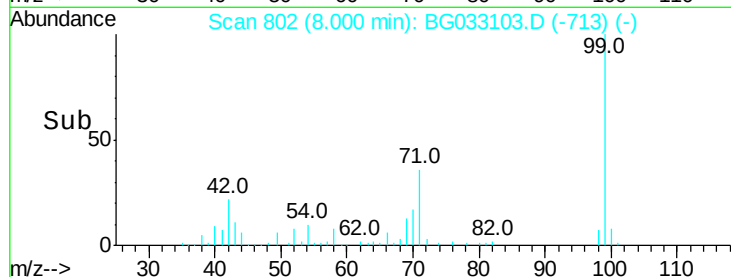
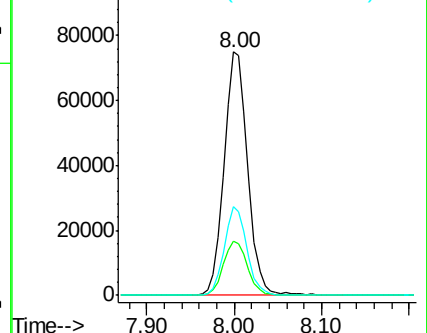
71 36.3 26.1 39.1



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: 2.079 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.10 min

Lab File: BG033103.D

Acq: 13 Mar 2018 00:21

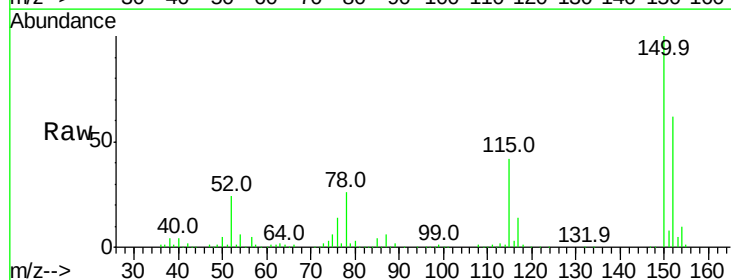
Tgt Ion: 79 Resp: 5363

Ion Ratio Lower Upper

79 100

108 30.0 57.2 85.8#

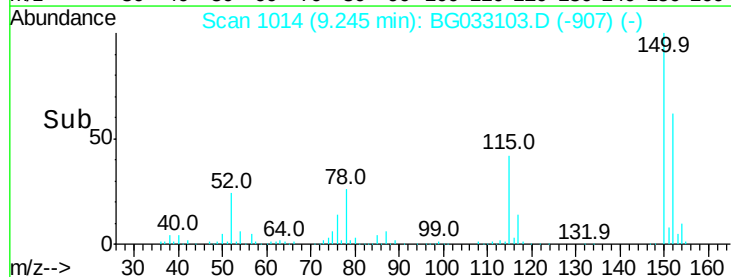
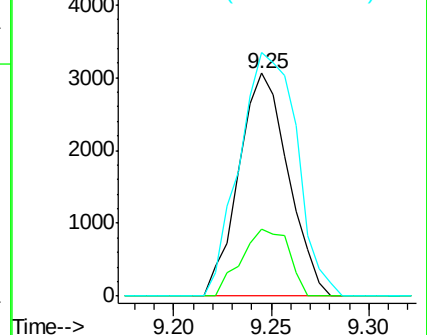
77 109.4 46.1 69.1#

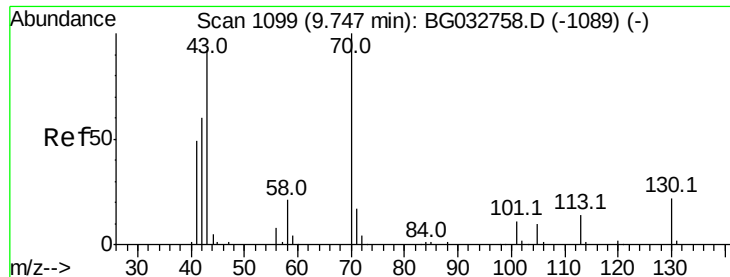


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

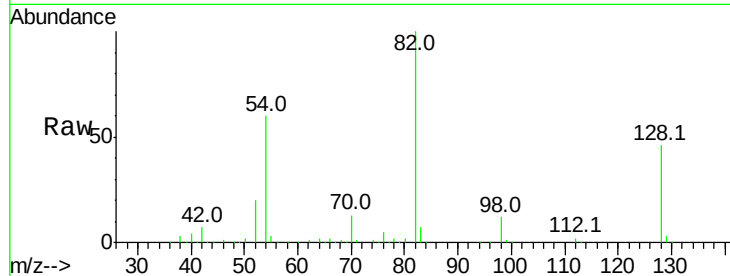




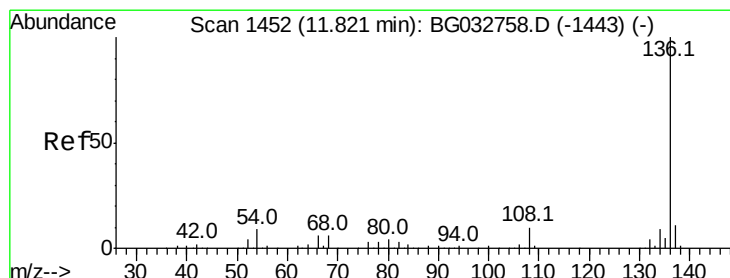
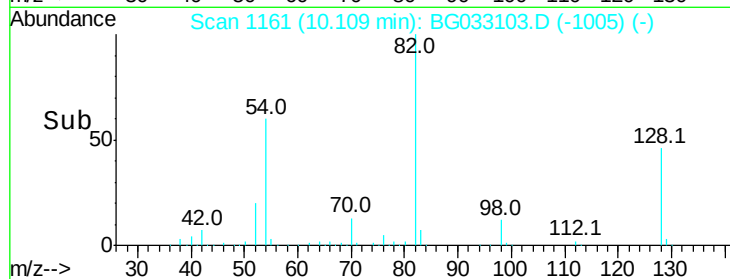
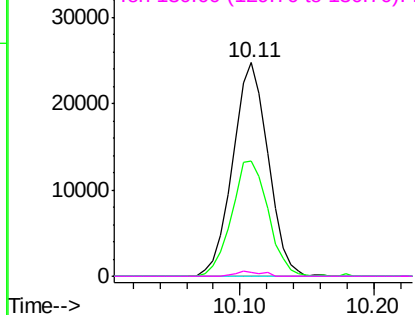
#19
n-Nitroso-di-n-propylamine
Concen: 18.321 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.39 min
Lab File: BG033103.D
Acq: 13 Mar 2018 00:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 45385
Ion Ratio Lower Upper
70 100
42 54.0 49.1 73.7
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#



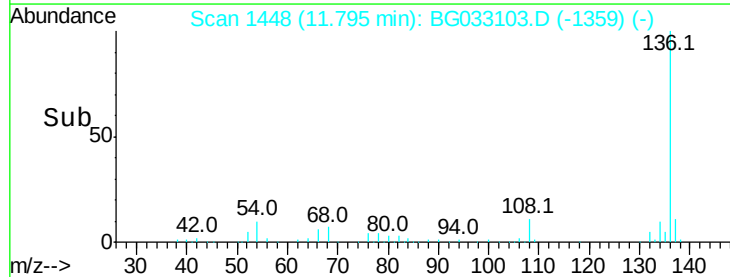
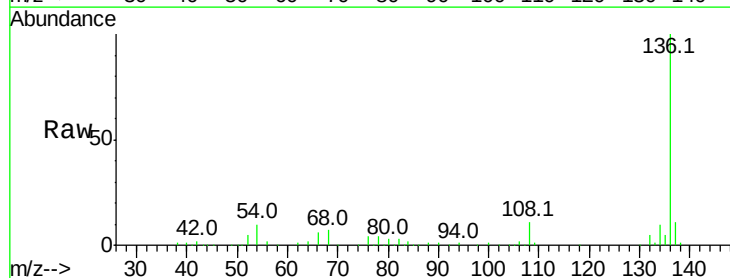
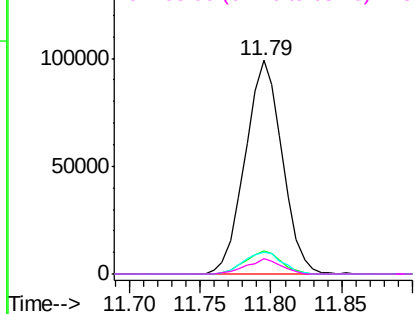
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

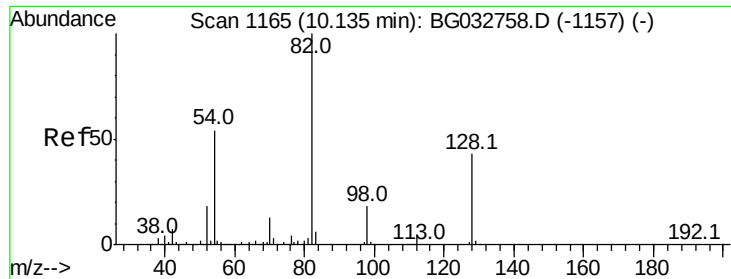


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033103.D
Acq: 13 Mar 2018 00:21

Tgt Ion:136 Resp: 181872
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 10.5 10.3 15.5
68 7.0 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

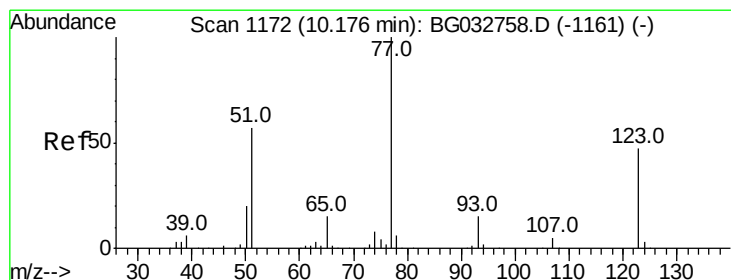
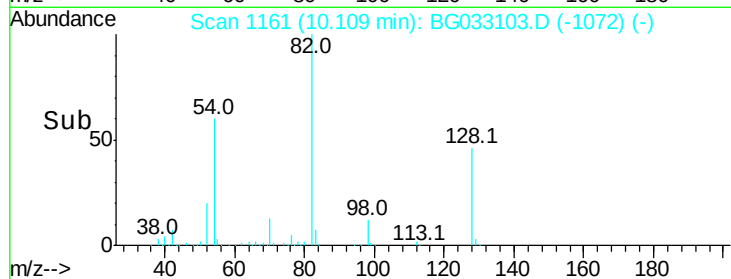
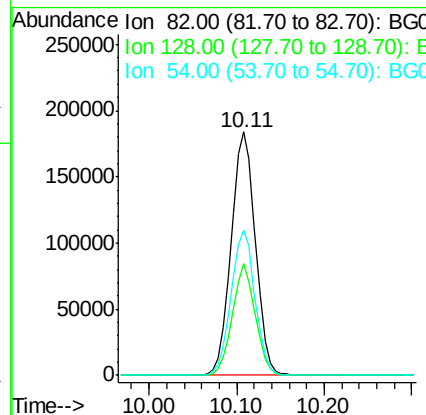
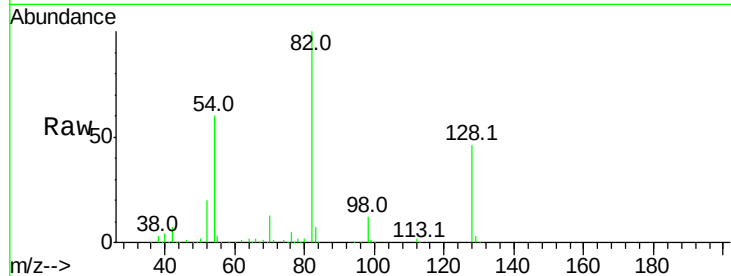




#23
 Nitrobenzene-d5
 Concen: 127.117 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033103.D
 Acq: 13 Mar 2018 00:21

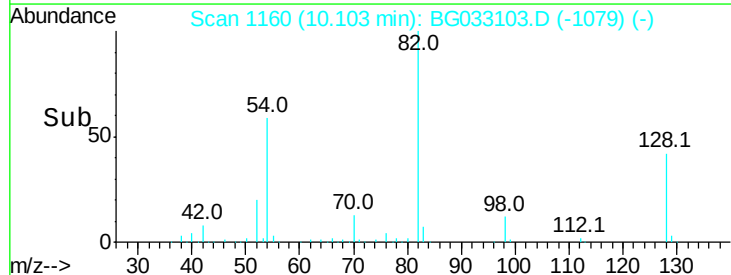
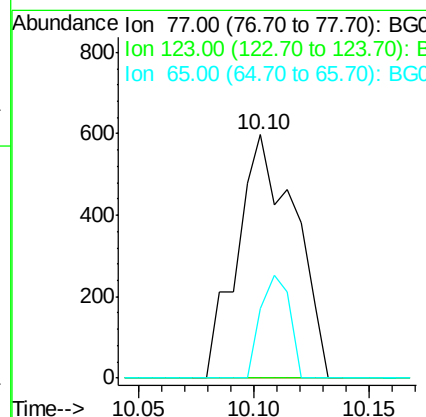
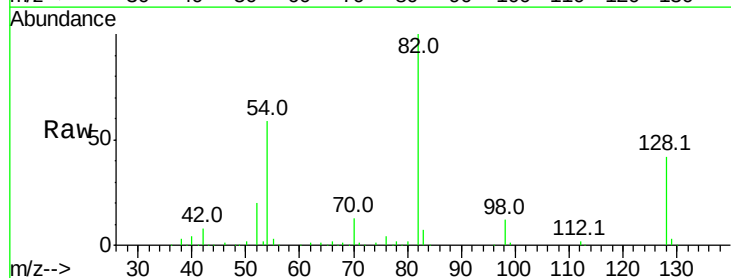
Instrument :
 BNA_G
 ClientSampled :

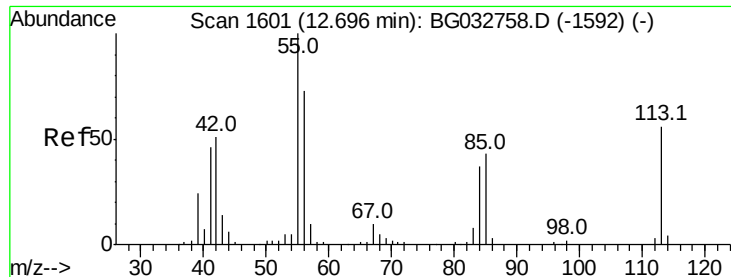
Tot Ion: 82 Resp: 347721
 Ion Ratio Lower Upper
 82 100
 128 46.2 29.7 44.5#
 54 59.6 43.1 64.7



#24
 Nitrobenzene
 Concen: 6.691 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. -0.05 min
 Lab File: BG033103.D
 Acq: 13 Mar 2018 00:21

Tgt Ion: 77 Resp: 1038
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 28.8 13.0 19.6#

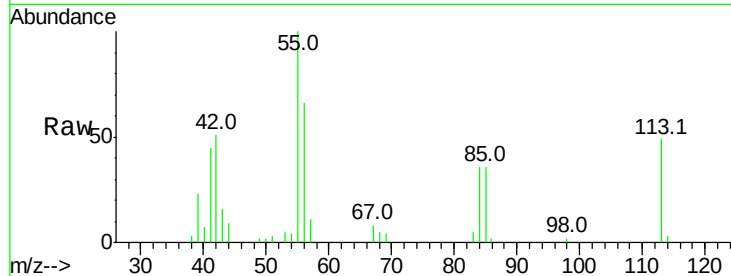




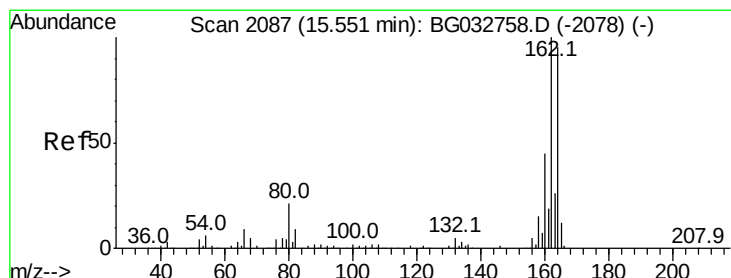
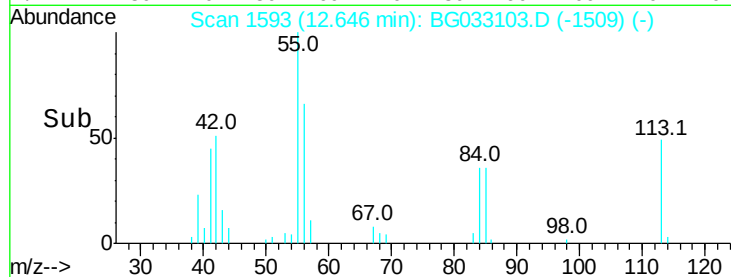
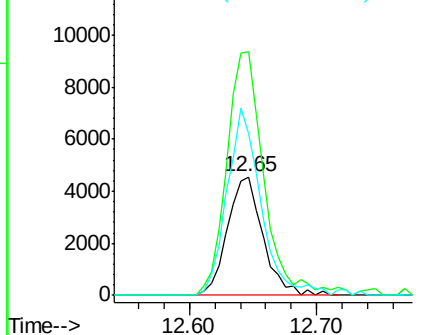
#35
 Caprolactam
 Concen: 8.715 ng
 RT: 12.65 min Scan# 1593
 Delta R.T. -0.03 min
 Lab File: BG033103.D
 Acq: 13 Mar 2018 00:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 8783
 Ion Ratio Lower Upper
 113 100
 55 205.2 186.9 226.9
 56 136.0 130.9 170.9

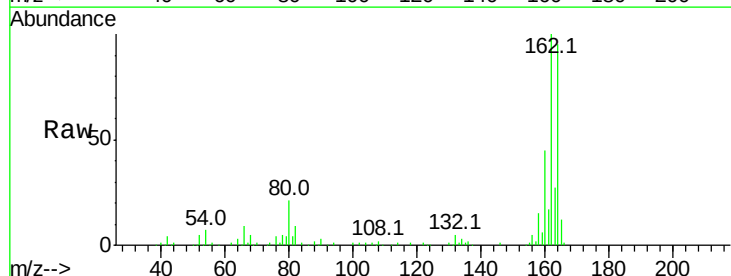


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGO
 Ion 56.00 (55.70 to 56.70): BGO

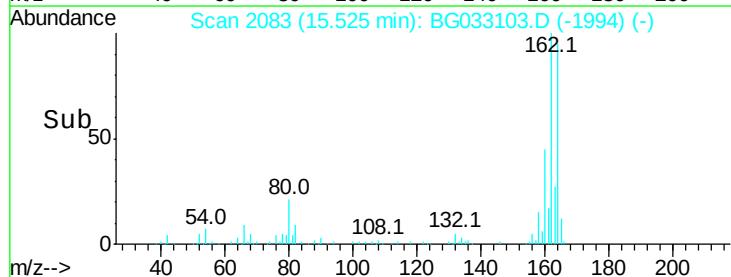
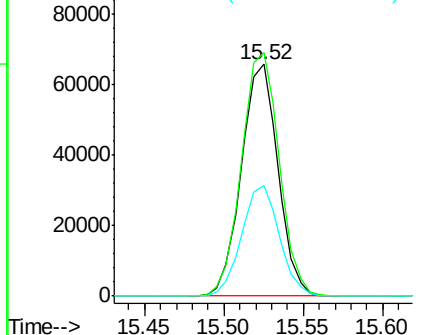


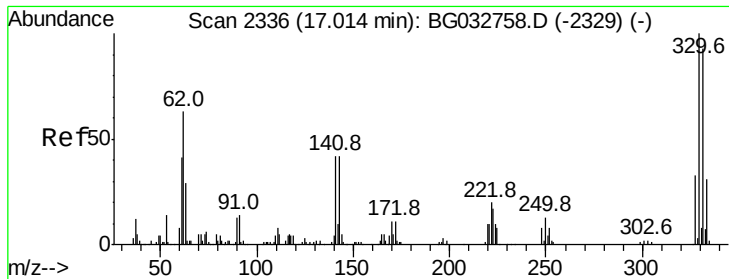
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033103.D
 Acq: 13 Mar 2018 00:21

Tgt Ion:164 Resp: 105384
 Ion Ratio Lower Upper
 164 100
 162 105.0 78.8 118.2
 160 47.6 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

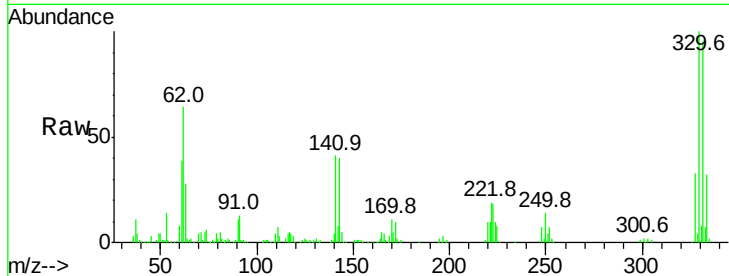




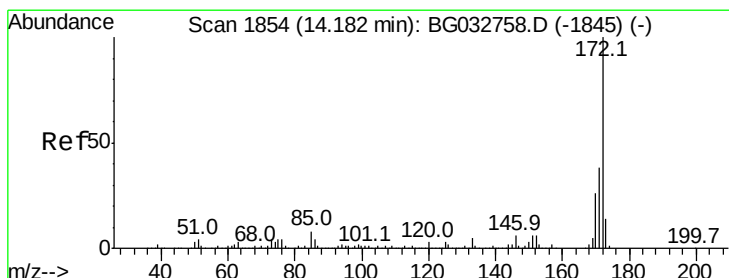
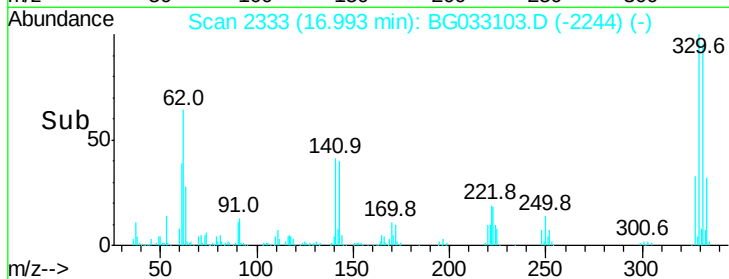
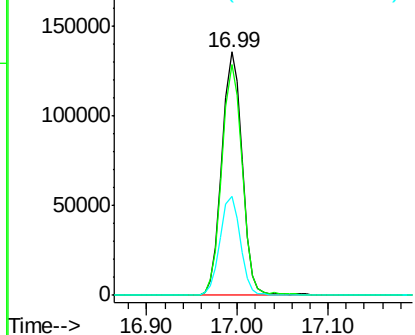
#41
 2,4,6-Tribromophenol
 Concen: 191.602 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033103.D
 Acq: 13 Mar 2018 00:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 212310
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 40.4 25.2 37.8#

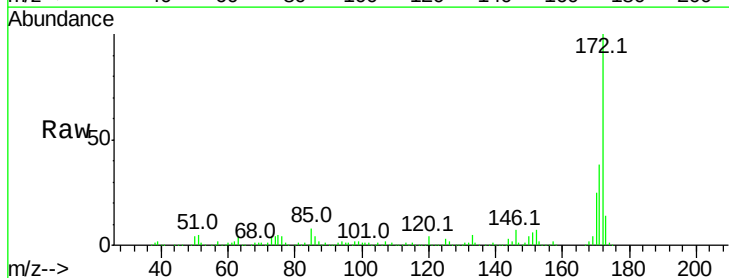


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

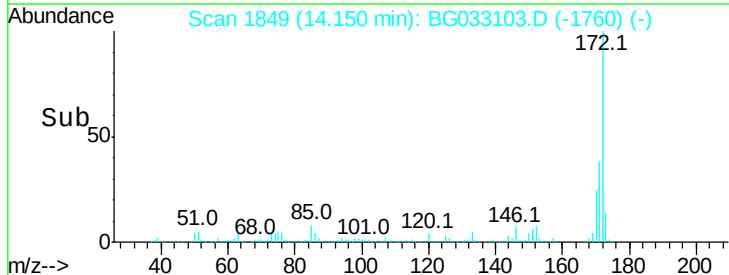
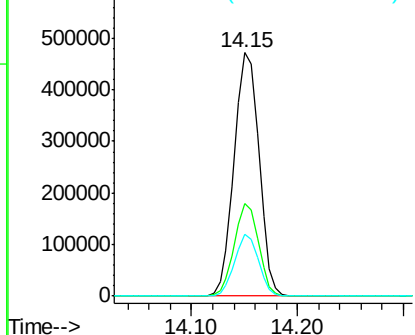


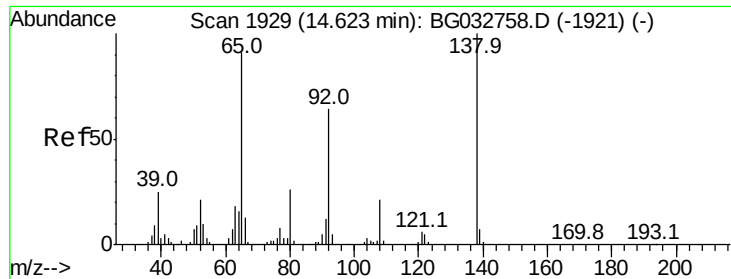
#44
 2-Fluorobiphenyl
 Concen: 105.131 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033103.D
 Acq: 13 Mar 2018 00:21

Tgt Ion:172 Resp: 768180
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 25.3 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

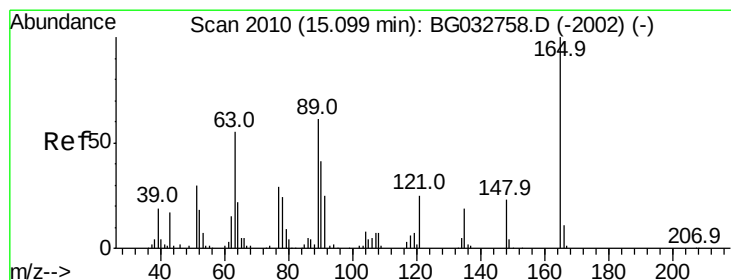
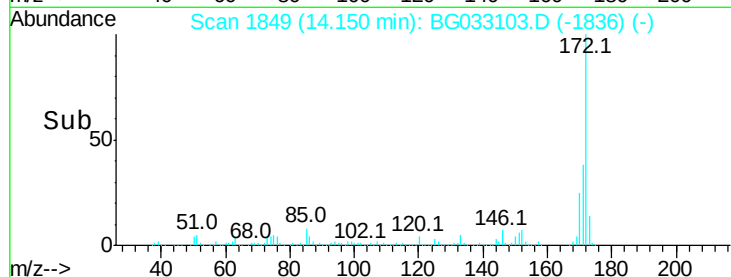
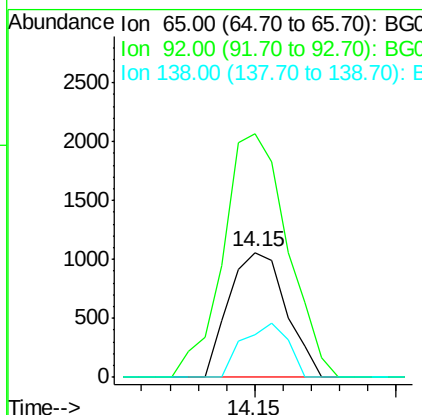
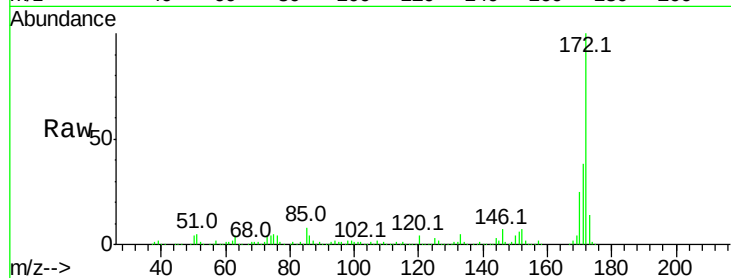




#47
2-Nitroaniline
Concen: 10.518 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.45 min
Lab File: BG033103.D
Acq: 13 Mar 2018 00:21

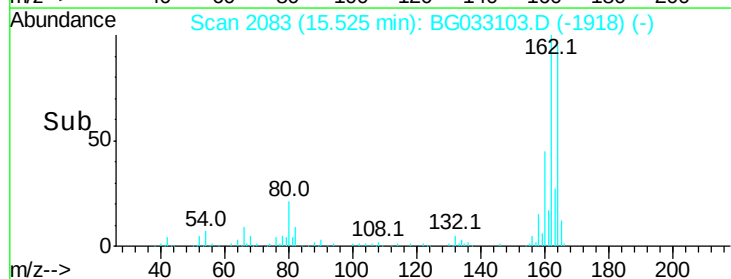
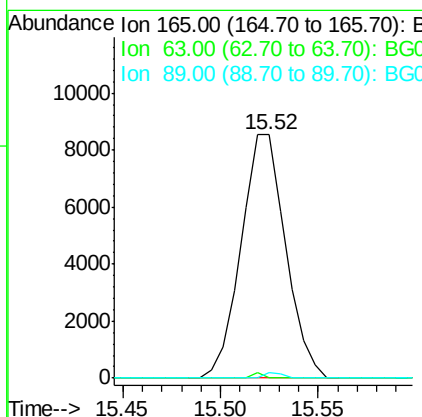
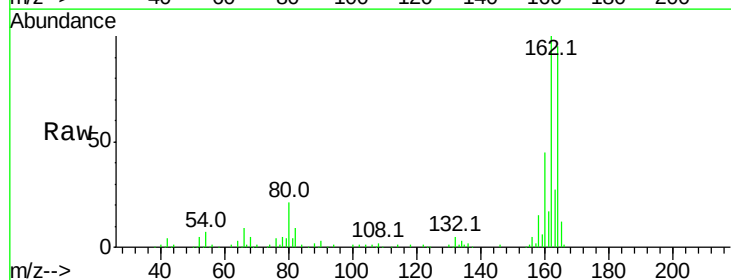
Instrument :
BNA_G
ClientSampleId :

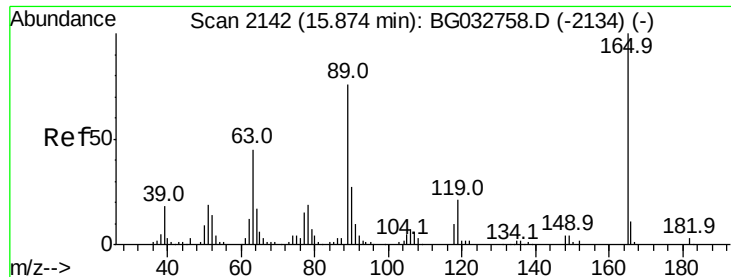
Tot Ion: 65 Resp: 1489
Ion Ratio Lower Upper
65 100
92 194.7 54.6 82.0#
138 34.1 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.311 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033103.D
Acq: 13 Mar 2018 00:21

Tgt Ion:165 Resp: 13477
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.2 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 14.508 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.33 min

Lab File: BG033103.D

Acq: 13 Mar 2018 00:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 13477

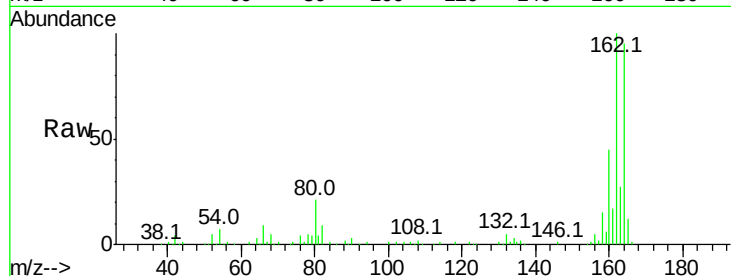
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 2.2 66.9 100.3#

182 0.0 2.6 3.8#

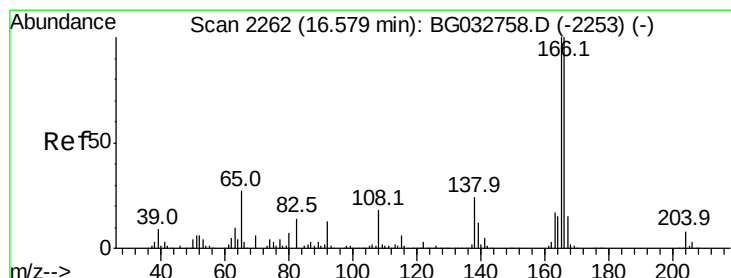
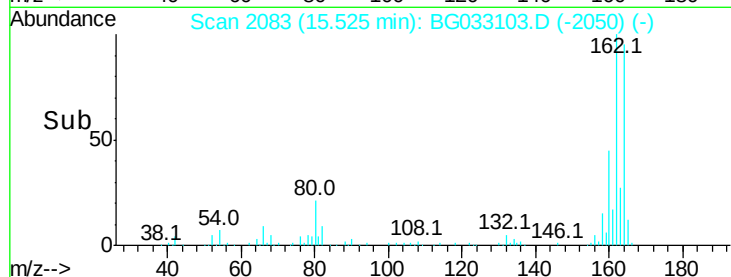
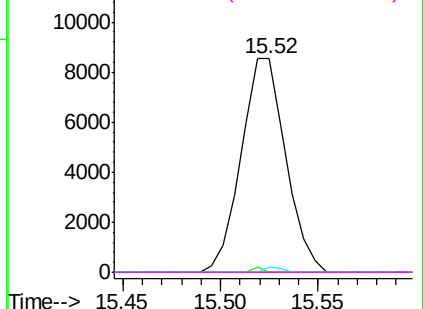


Abundance Ion 165.00 (164.70 to 165.70): E

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: 5.327 ng

RT: 16.79 min Scan# 2298

Delta R.T. 0.22 min

Lab File: BG033103.D

Acq: 13 Mar 2018 00:21

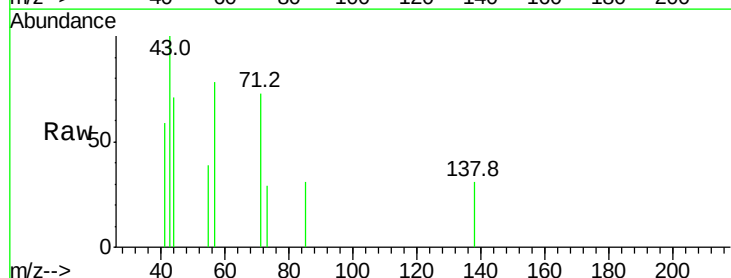
Tgt Ion:138 Resp: 59

Ion Ratio Lower Upper

138 100

92 0.0 40.1 80.1#

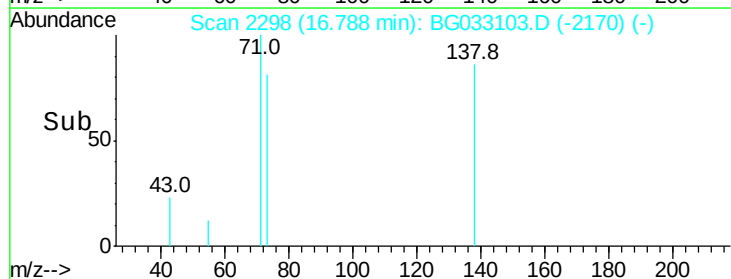
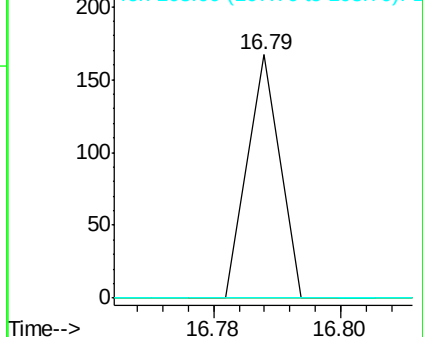
108 0.0 65.4 105.4#

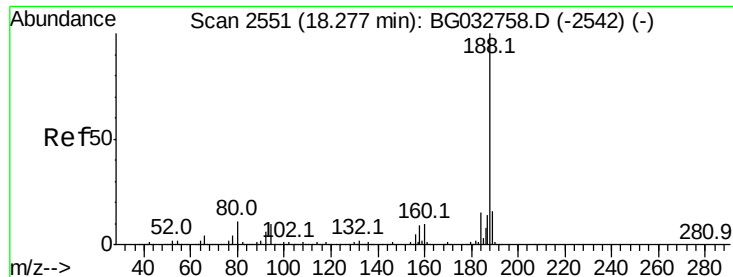


Abundance Ion 138.00 (137.70 to 138.70): E

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: 18.25 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BG033103.D

Acq: 13 Mar 2018 00:21

Instrument :

BNA_G

ClientSampleId :

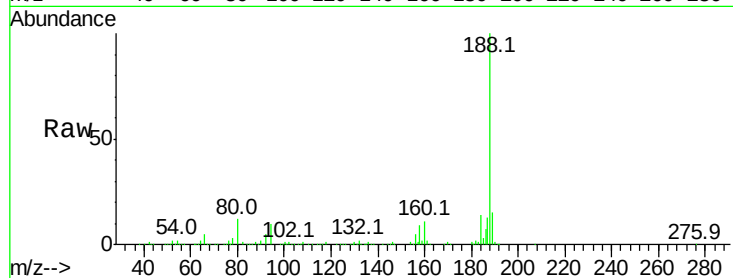
Tot Ion:188 Resp: 251541

Ion Ratio Lower Upper

188 100

94 9.5 6.9 10.3

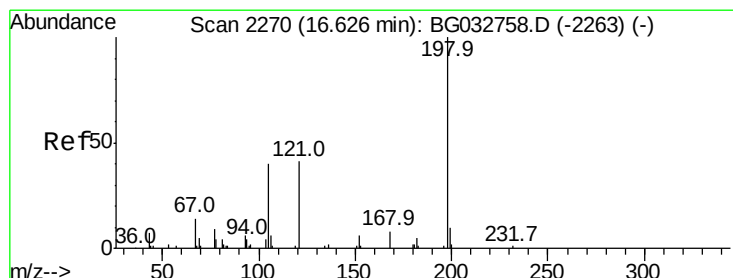
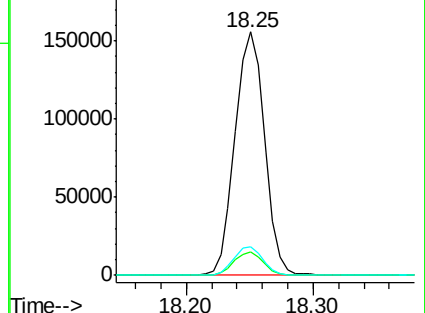
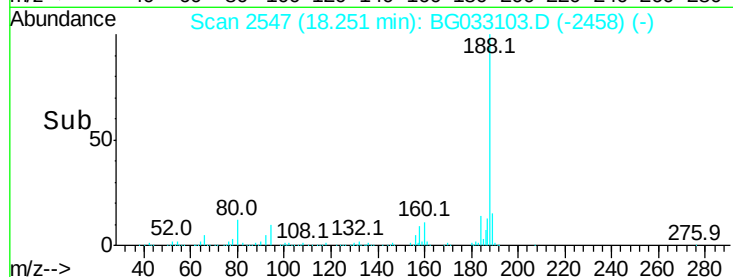
80 11.6 7.7 11.5#



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: 6.073 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.39 min

Lab File: BG033103.D

Acq: 13 Mar 2018 00:21

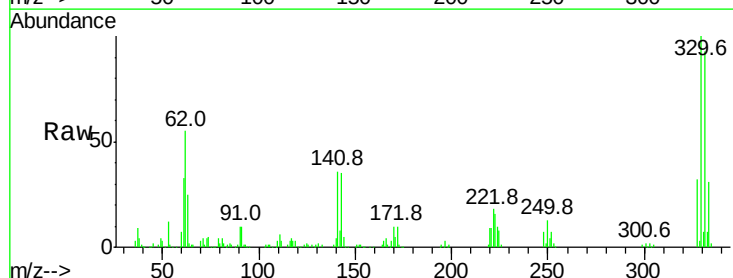
Tgt Ion:198 Resp: 667

Ion Ratio Lower Upper

198 100

51 129.4 30.6 70.6#

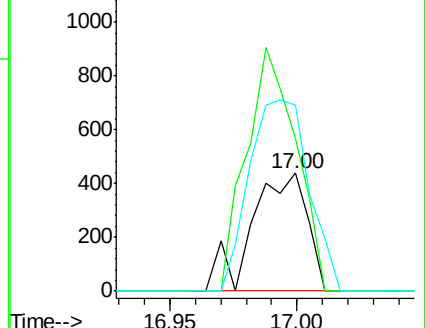
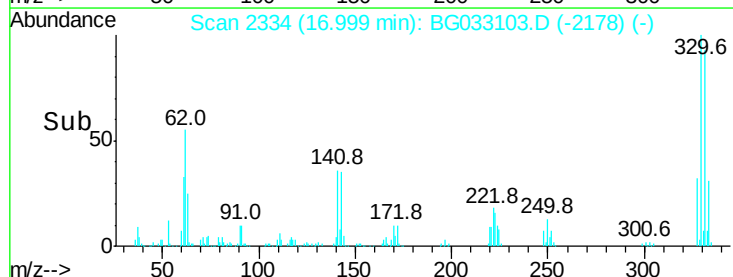
105 157.6 23.8 63.8#

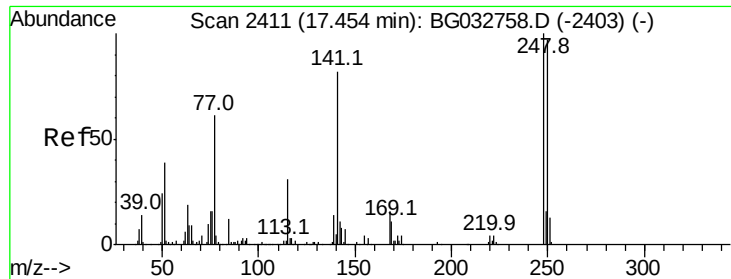


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

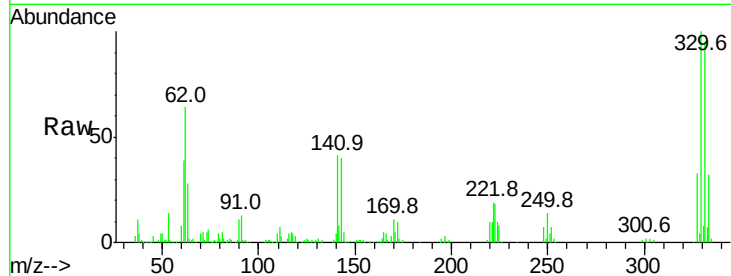




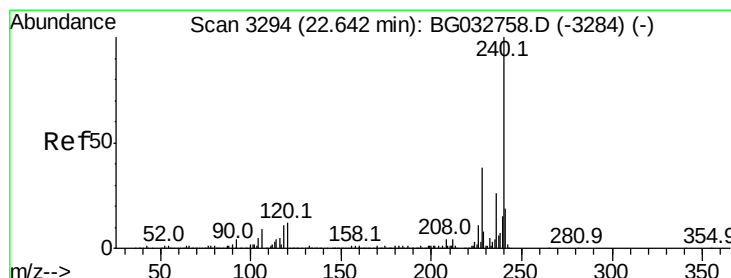
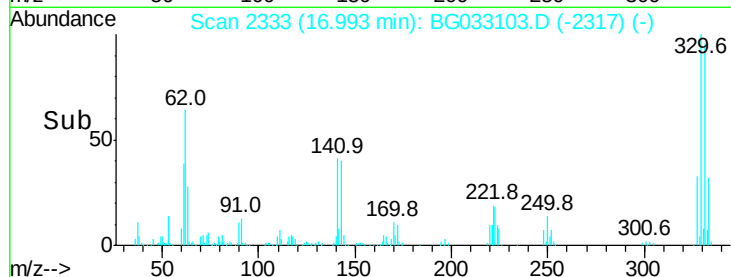
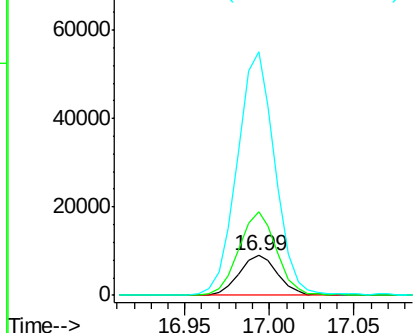
#66
 4-Bromophenyl-phenylether
 Concen: 5.337 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.43 min
 Lab File: BG033103.D
 Acq: 13 Mar 2018 00:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 14194
 Ion Ratio Lower Upper
 248 100
 250 208.9 77.1 115.7#
 141 610.3 50.8 76.2#

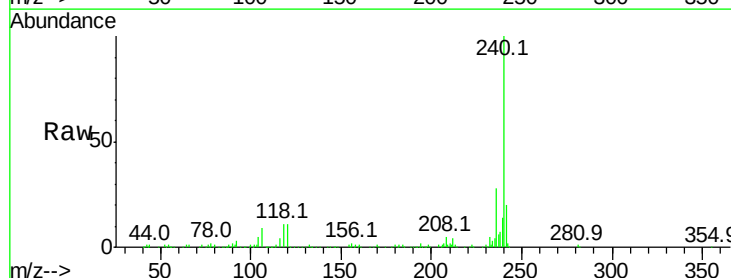


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

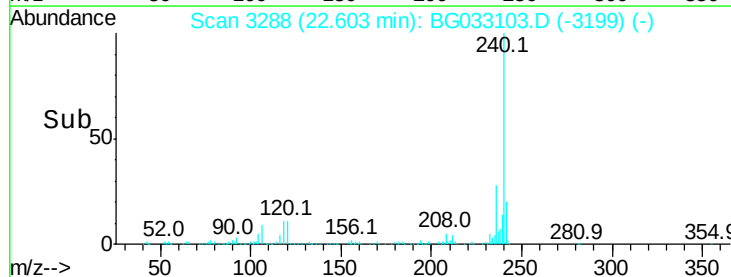
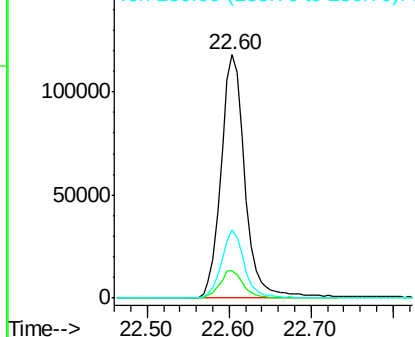


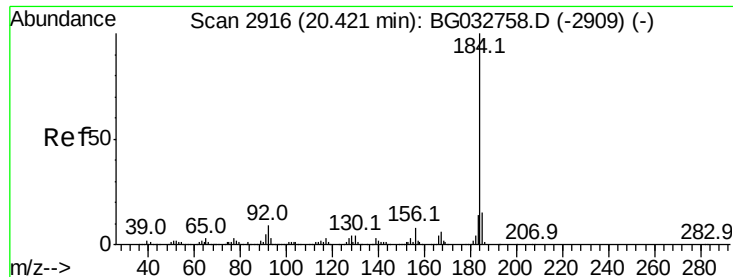
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3288
 Delta R.T. -0.00 min
 Lab File: BG033103.D
 Acq: 13 Mar 2018 00:21

Tgt Ion:240 Resp: 241134
 Ion Ratio Lower Upper
 240 100
 120 11.3 6.8 10.2#
 236 28.0 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





#76

Benzidine

Concen: 2.506 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.37 min

Lab File: BG033103.D

Acq: 13 Mar 2018 00:21

Instrument :

BNA_G

ClientSampleId :

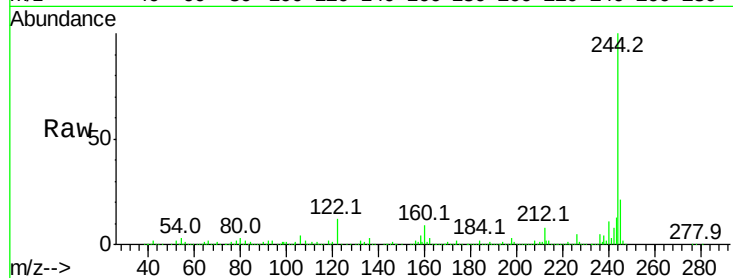
Tot Ion:184 Resp: 20597

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

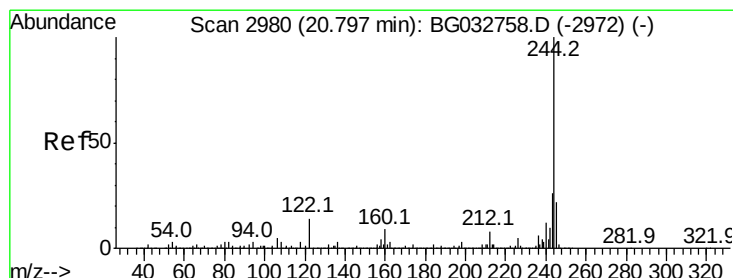
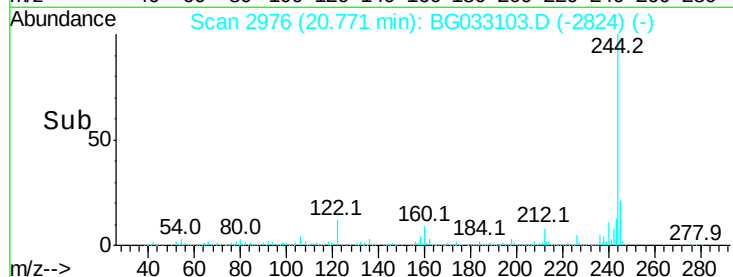
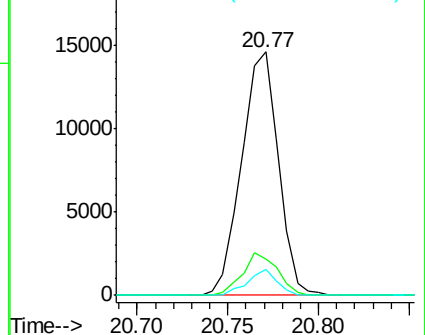
183 10.5 10.6 16.0#



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: 111.600 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033103.D

Acq: 13 Mar 2018 00:21

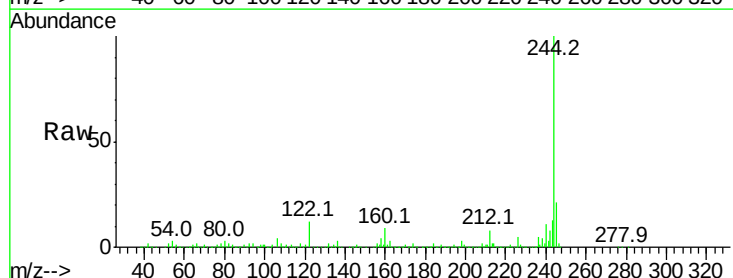
Tgt Ion:244 Resp: 1197762

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

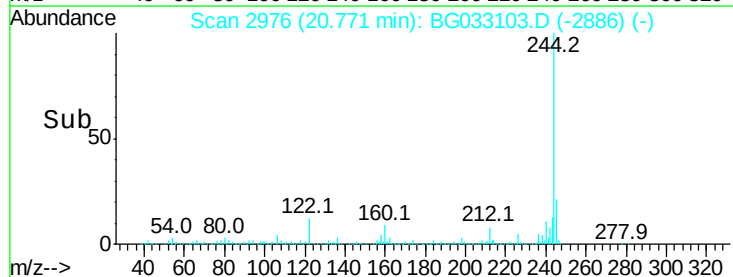
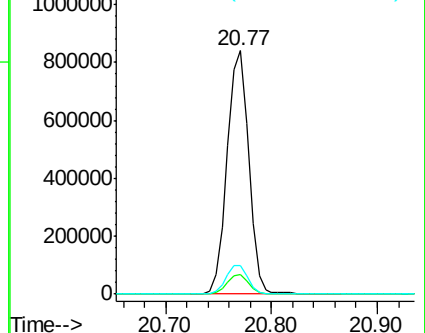
122 12.0 7.0 10.4#

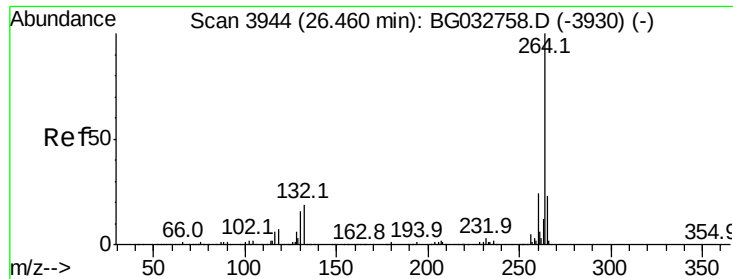


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.40 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BG033103.D
Acq: 13 Mar 2018 00:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.4	17.7	26.5

