

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031218\
 Data File : BG033111.D
 Acq On : 13 Mar 2018 5:23
 Operator : SJ/JU
 Sample : PB107261TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107261TB

Quant Time: Mar 13 08:42:39 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

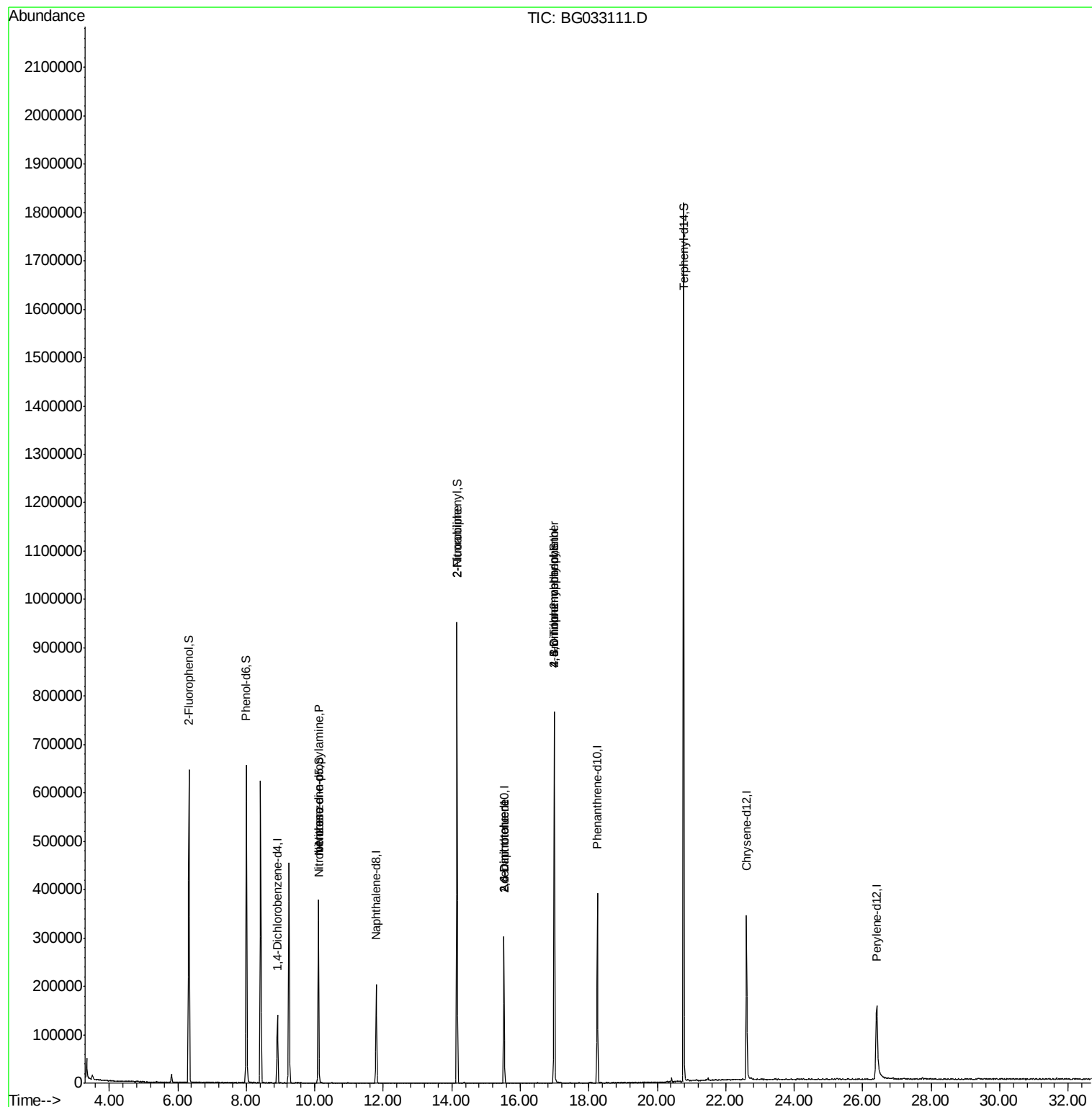
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	42425	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	180119	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	101287	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	241545	20.00	ng	0.00
75) Chrysene-d12	22.61	240	235203	20.00	ng	0.00
86) Perylene-d12	26.41	264	232735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	290490	109.54	ng	0.00
7) Phenol-d6	8.01	99	385029	104.17	ng	0.00
23) Nitrobenzene-d5	10.11	82	229872	88.15	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	135149	126.90	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	517740	73.72	ng	0.00
78) Terphenyl-d14	20.77	244	850790	81.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.11	70	30623	11.735	ng	# 85
24) Nitrobenzene	10.12	77	598	6.561	ng	# 42
47) 2-Nitroaniline	14.16	65	930	10.279	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	12855	16.255	ng	# 22
56) 2,4-Dinitrotoluene	15.52	165	12855	14.452	ng	# 19
64) 4,6-Dinitro-2-methylphenol	17.00	198	274	5.431	ng	# 36
66) 4-Bromophenyl-phenylether	16.99	248	9279	3.633	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031218\
Data File : BG033111.D
Acq On : 13 Mar 2018 5:23
Operator : SJ/JU
Sample : PB107261TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Quant Time: Mar 13 08:42:39 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



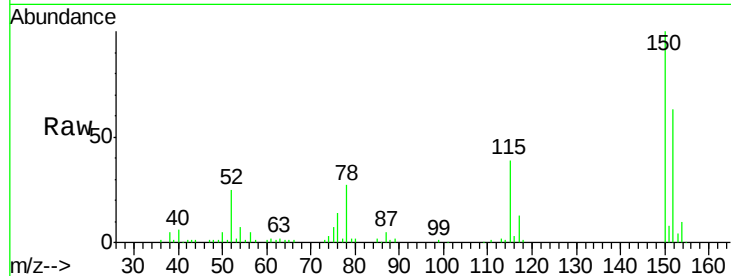


#1

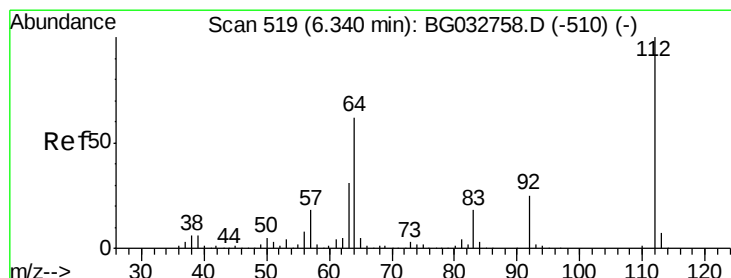
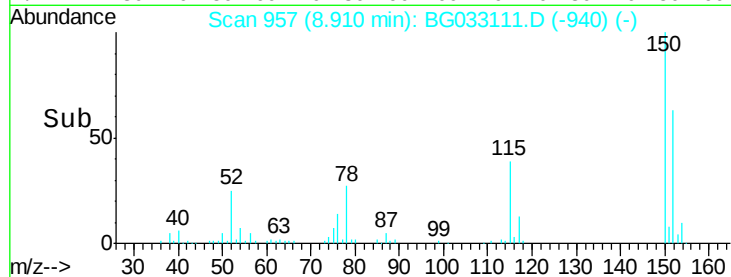
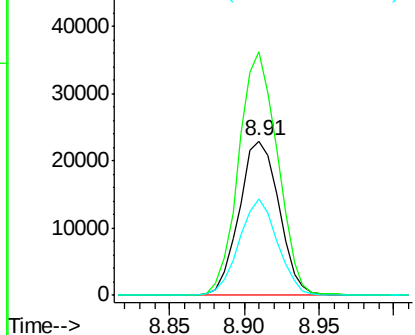
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Tgt Ion:152 Resp: 42425
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 62.1 53.0 79.4



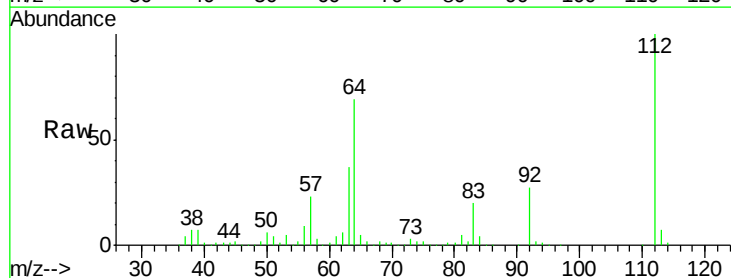
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



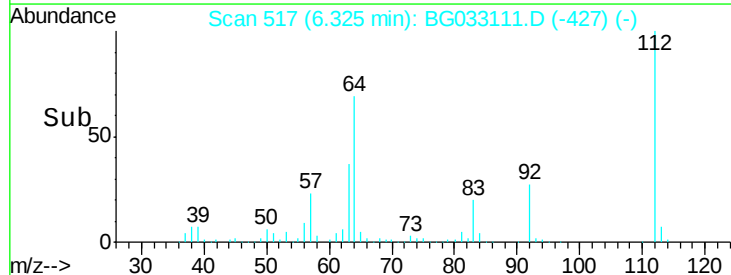
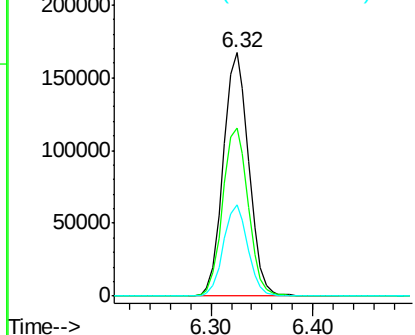
#5

2-Fluorophenol
Concen: 109.544 ng
RT: 6.32 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Tgt Ion:112 Resp: 290490
Ion Ratio Lower Upper
112 100
64 68.8 56.3 84.5
63 37.3 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: 104.168 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033111.D

Acq: 13 Mar 2018 5:23

Instrument :

BNA_G

ClientSampled :

PB107261TB

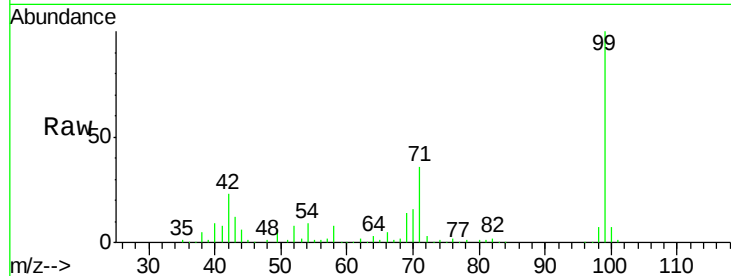
Tgt Ion: 99 Resp: 385029

Ion Ratio Lower Upper

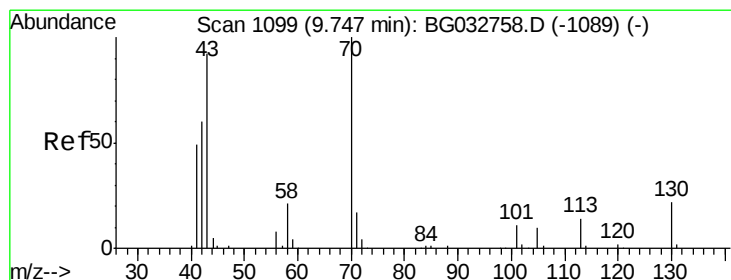
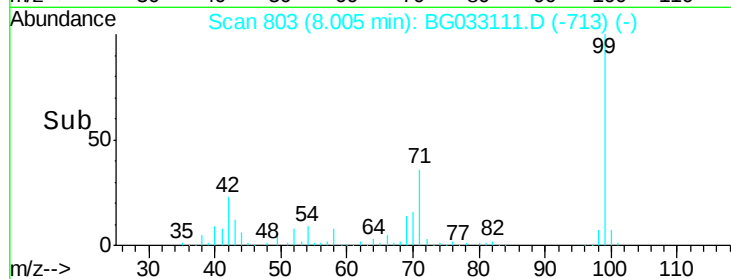
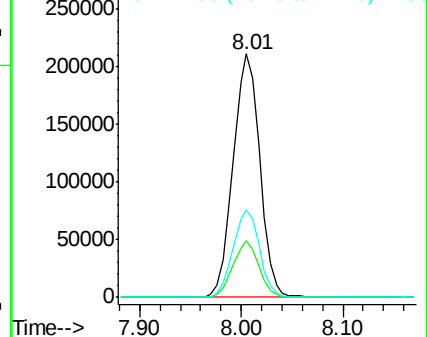
99 100

42 23.4 14.1 21.1#

71 35.7 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: 11.735 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.39 min

Lab File: BG033111.D

Acq: 13 Mar 2018 5:23

Tgt Ion: 70 Resp: 30623

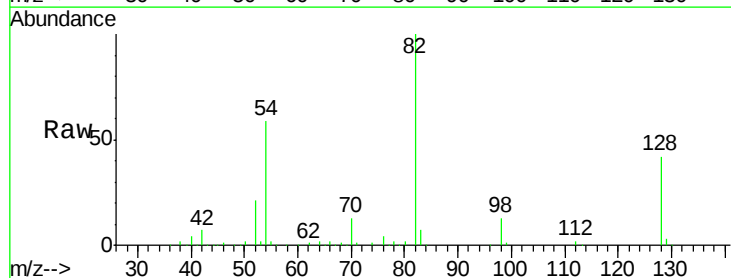
Ion Ratio Lower Upper

70 100

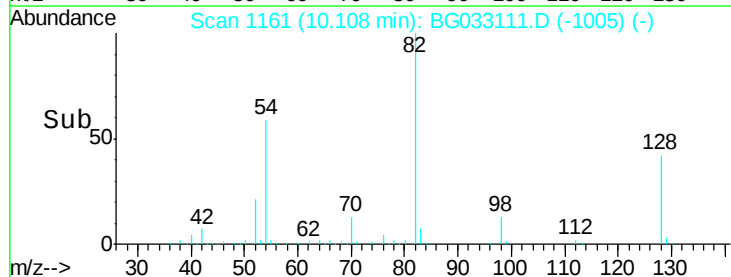
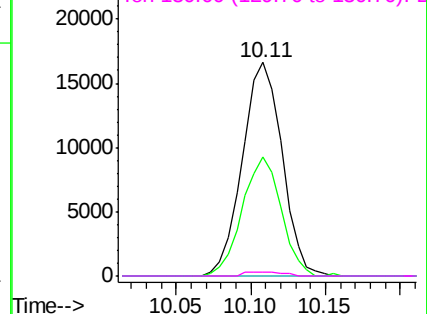
42 55.7 49.1 73.7

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

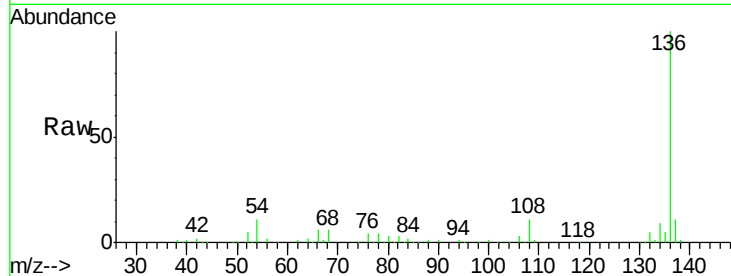




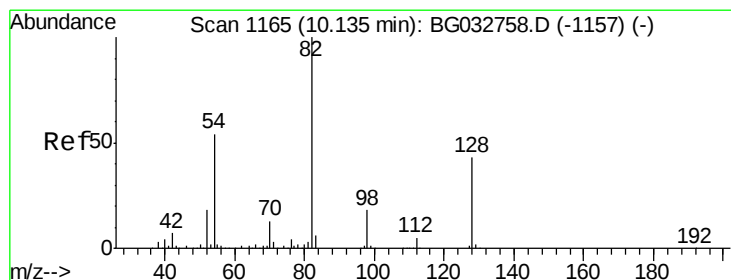
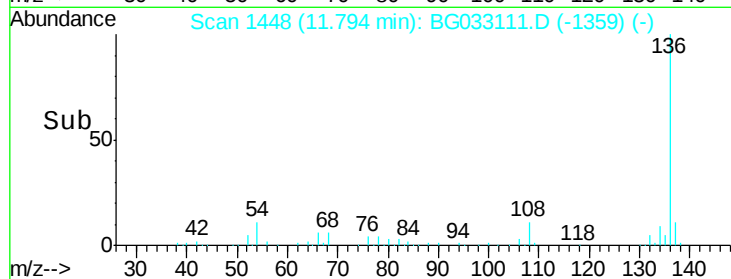
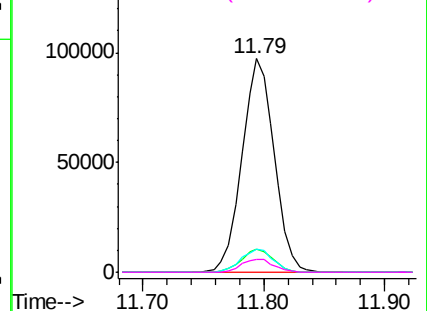
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Tgt Ion:	136	Resp:	180119
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	10.8	10.3	15.5
68	6.2	4.5	6.7

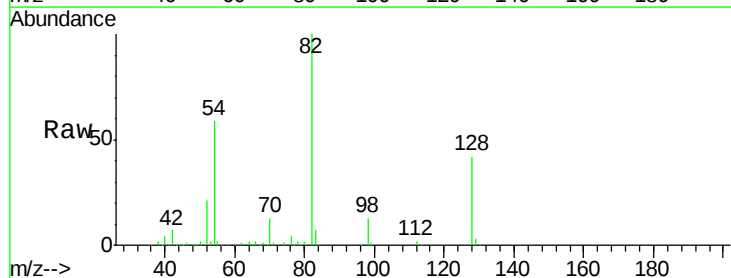


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

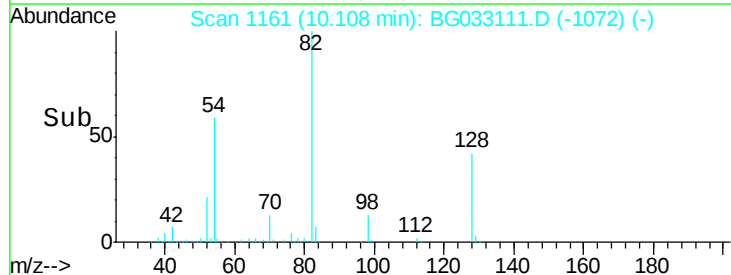
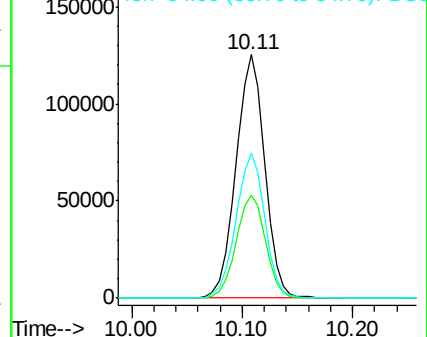


#23
Nitrobenzene-d5
Concen: 88.148 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Tgt Ion:	82	Resp:	229872
Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.7	44.5
54	59.4	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: 6.561 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BG033111.D

Acq: 13 Mar 2018 5:23

Instrument :

BNA_G

ClientSampleId :

PB107261TB

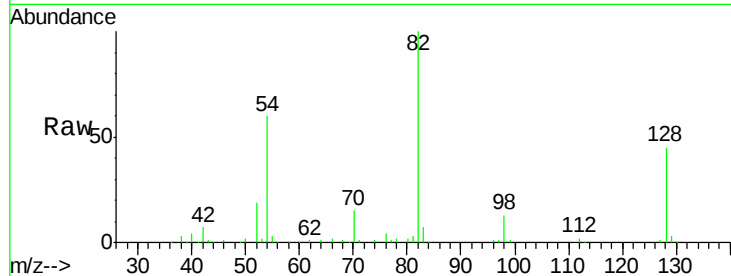
Tgt Ion: 77 Resp: 598

Ion Ratio Lower Upper

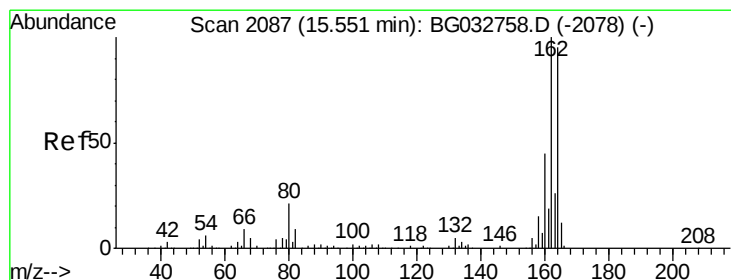
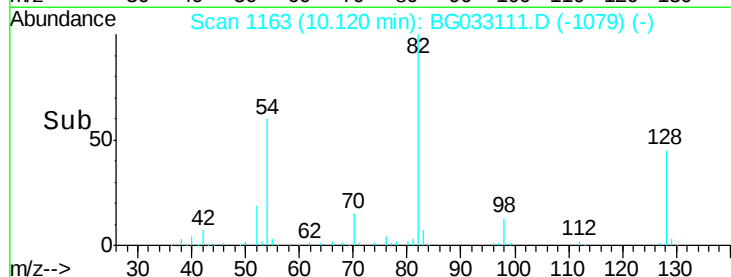
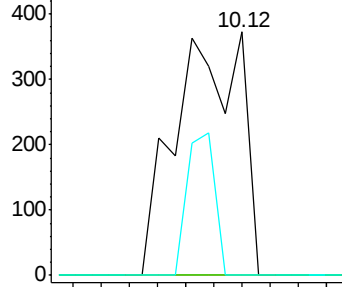
77 100

123 0.0 33.0 49.6#

65 0.0 13.0 19.6#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG033111.D

Acq: 13 Mar 2018 5:23

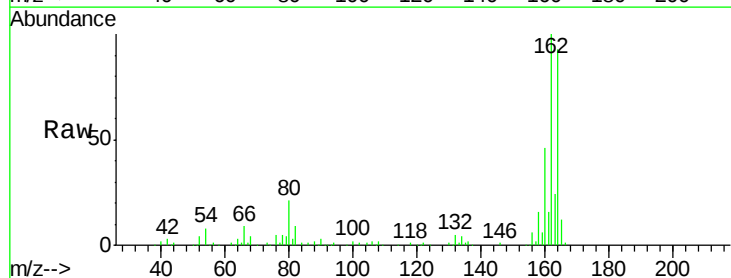
Tgt Ion: 164 Resp: 101287

Ion Ratio Lower Upper

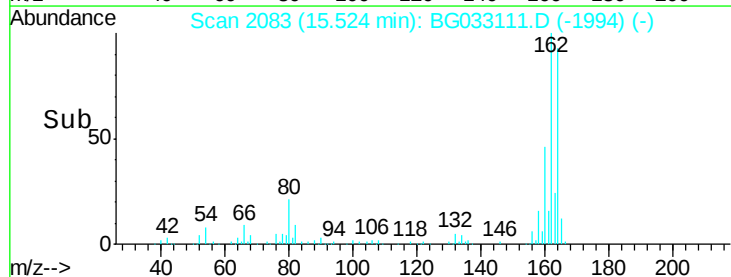
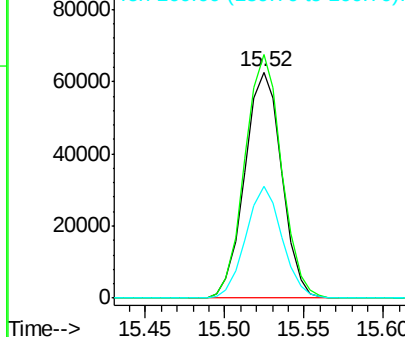
164 100

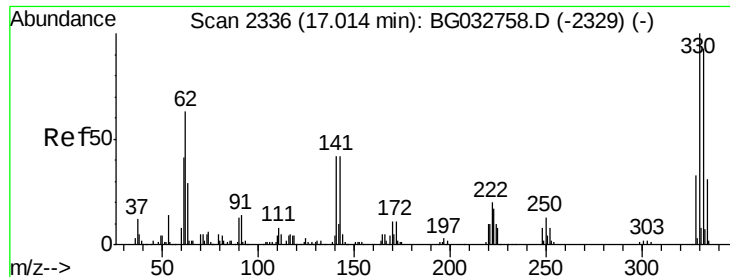
162 107.7 78.8 118.2

160 49.4 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

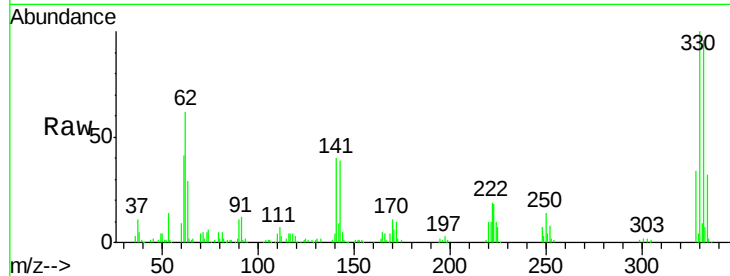




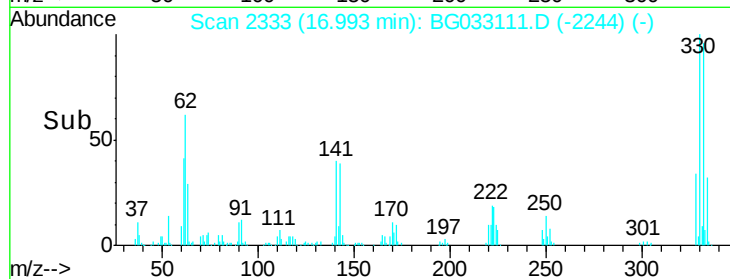
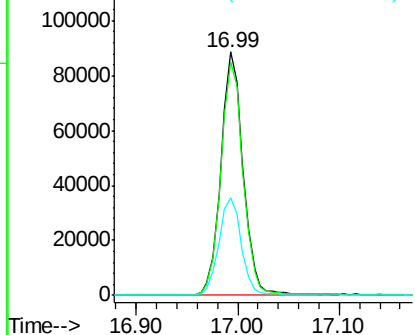
#41
 2,4,6-Tribromophenol
 Concen: 126.901 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BG033111.D
 Acq: 13 Mar 2018 5:23

Instrument :
 BNA_G
 ClientSampleId :
 PB107261TB

Tgt Ion:330 Resp: 135149
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 40.8 25.2 37.8#

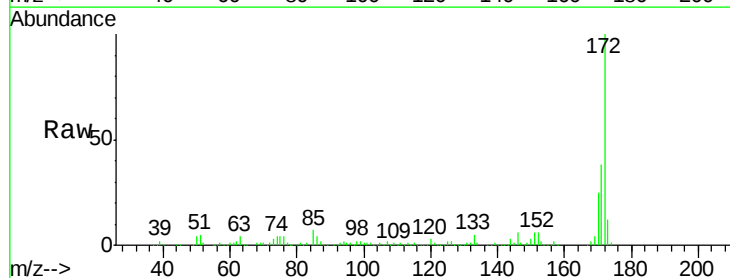


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

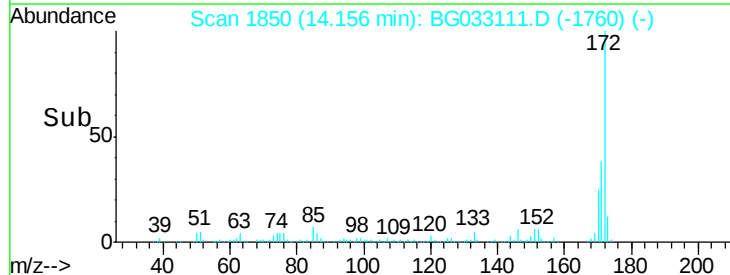
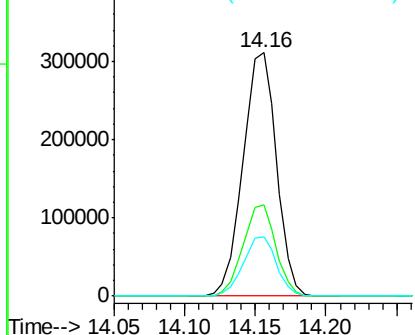


#44
 2-Fluorobiphenyl
 Concen: 73.722 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033111.D
 Acq: 13 Mar 2018 5:23

Tgt Ion:172 Resp: 517740
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 24.5 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: 10.279 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.45 min

Lab File: BG033111.D

Acq: 13 Mar 2018 5:23

Instrument :

BNA_G

ClientSampleId :

PB107261TB

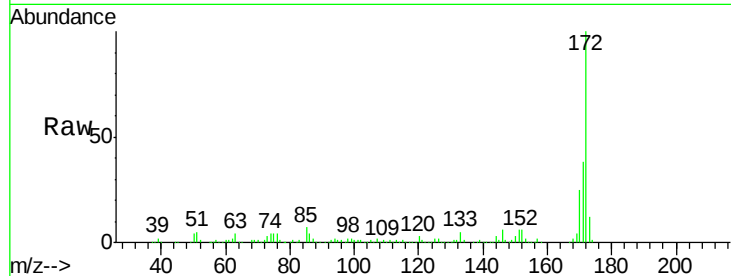
Tgt Ion: 65 Resp: 930

Ion Ratio Lower Upper

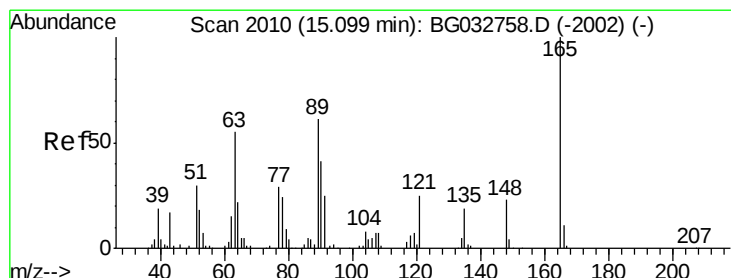
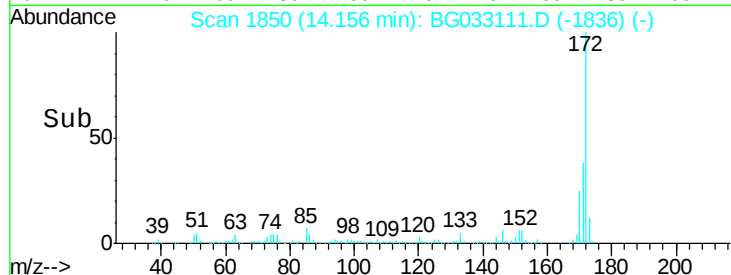
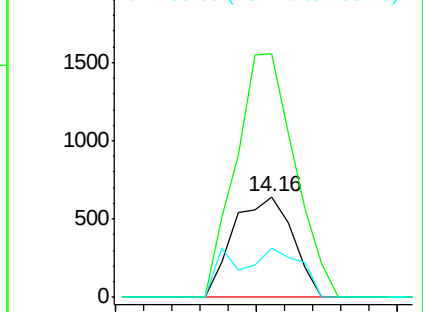
65 100

92 242.7 54.6 82.0#

138 48.8 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: 16.255 ng

RT: 15.52 min Scan# 2083

Delta R.T. 0.44 min

Lab File: BG033111.D

Acq: 13 Mar 2018 5:23

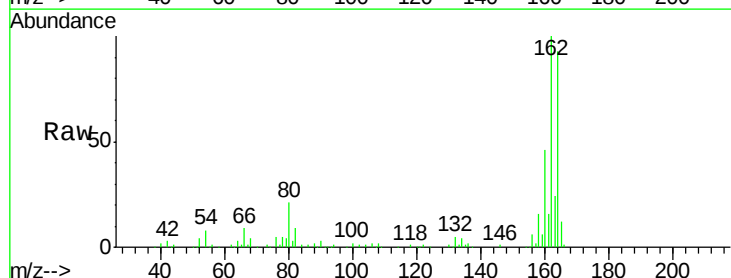
Tgt Ion: 165 Resp: 12855

Ion Ratio Lower Upper

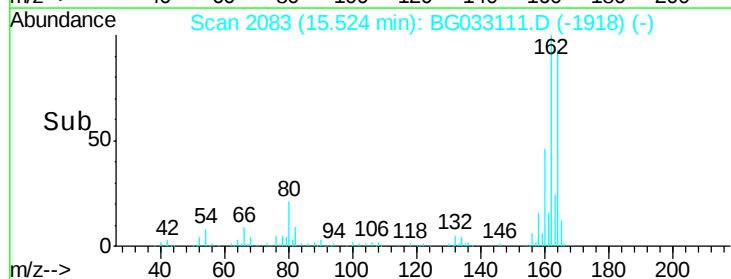
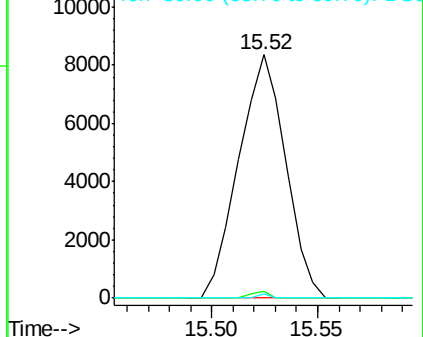
165 100

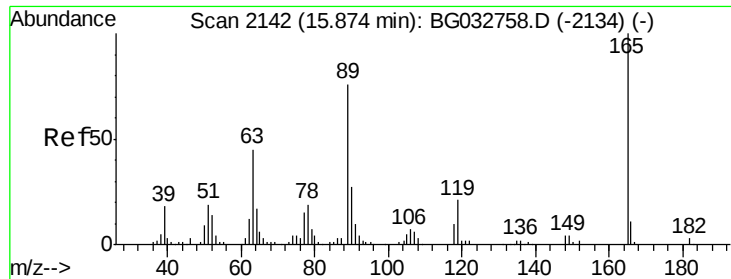
63 3.0 52.7 79.1#

89 2.0 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

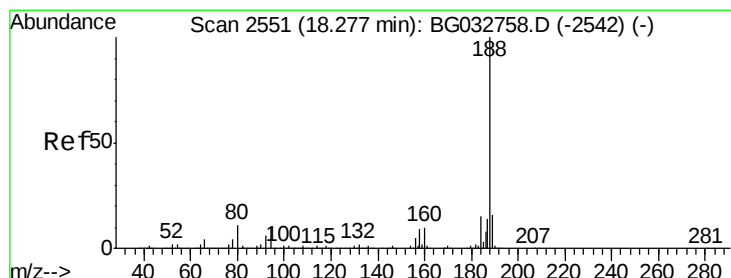
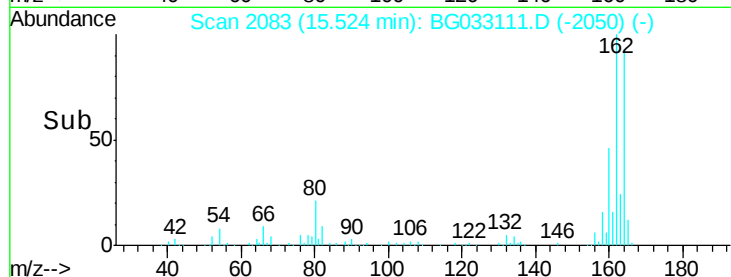
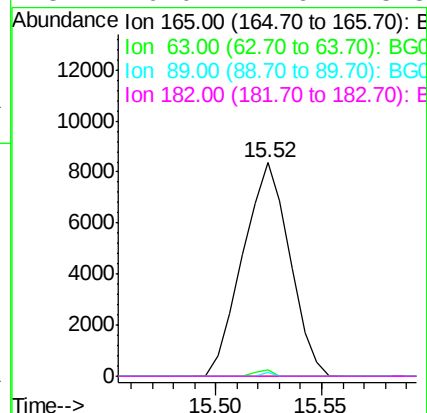
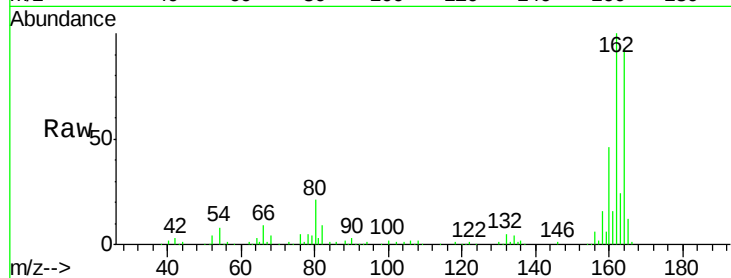




#56
 2,4-Dinitrotoluene
 Concen: 14.452 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.33 min
 Lab File: BG033111.D
 Acq: 13 Mar 2018 5:23

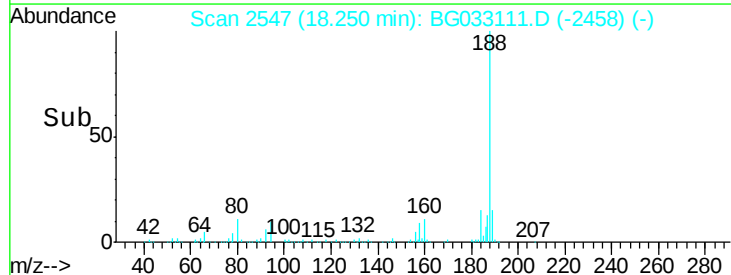
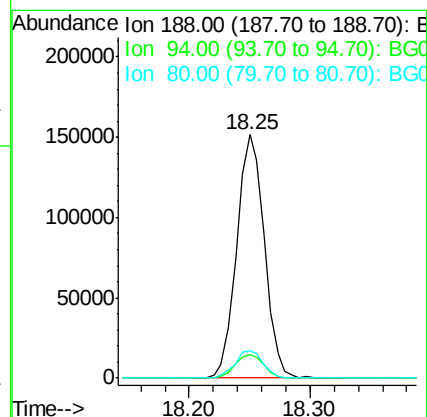
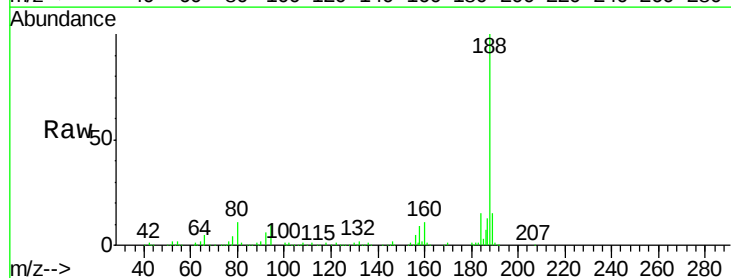
Instrument :
 BNA_G
 ClientSampleId :
 PB107261TB

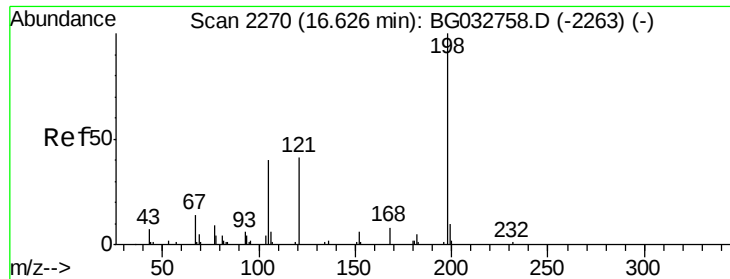
Tgt Ion:	165	Resp:	12855
Ion	Ratio	Lower	Upper
165	100		
63	3.0	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BG033111.D
 Acq: 13 Mar 2018 5:23

Tgt Ion:	188	Resp:	241545
Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.9	10.3
80	11.2	7.7	11.5

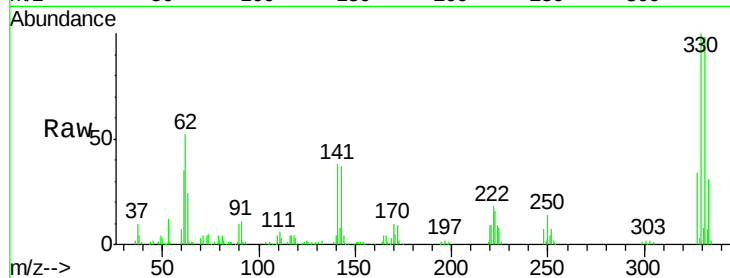




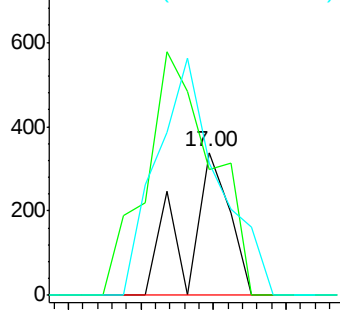
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.431 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.39 min
 Lab File: BG033111.D
 Acq: 13 Mar 2018 5:23

Instrument :
 BNA_G
 ClientSampleId :
 PB107261TB

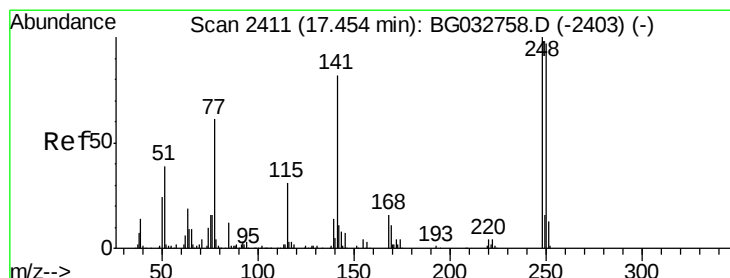
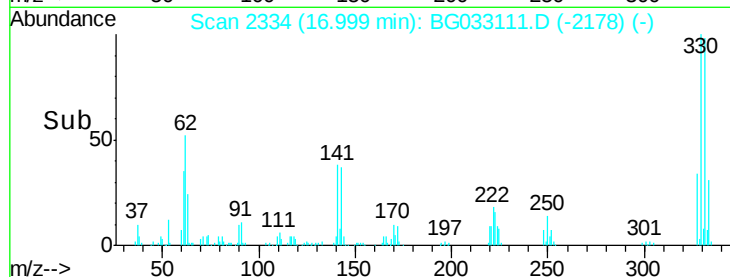
Tgt Ion:198 Resp: 274
 Ion Ratio Lower Upper
 198 100
 51 88.5 30.6 70.6#
 105 92.6 23.8 63.8#



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

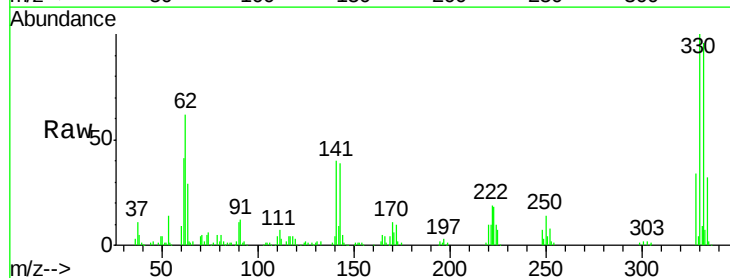


Time--> 16.96 16.98 17.00 17.02

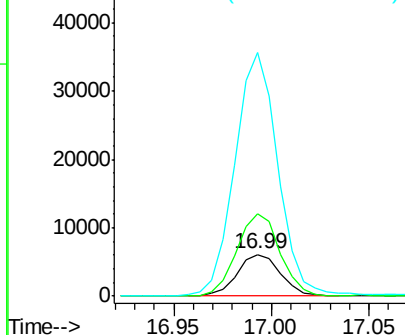


#66
 4-Bromophenyl-phenylether
 Concen: 3.633 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.43 min
 Lab File: BG033111.D
 Acq: 13 Mar 2018 5:23

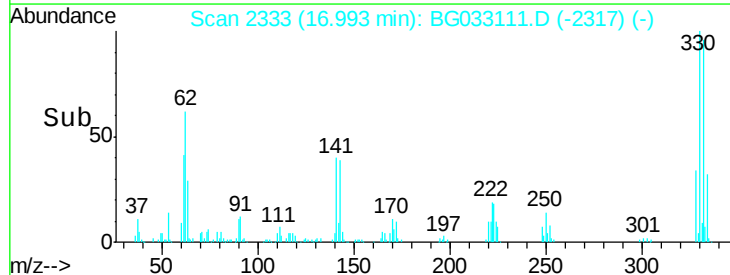
Tgt Ion:248 Resp: 9279
 Ion Ratio Lower Upper
 248 100
 250 198.1 77.1 115.7#
 141 584.0 50.8 76.2#

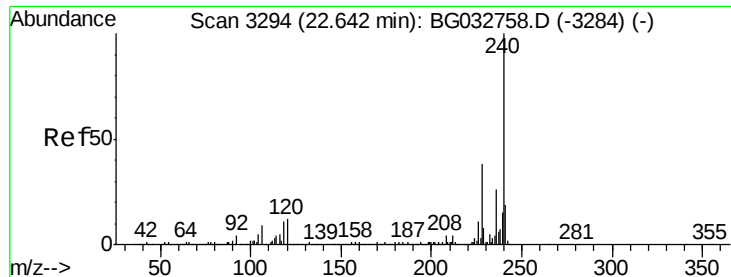


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time--> 16.95 17.00 17.05

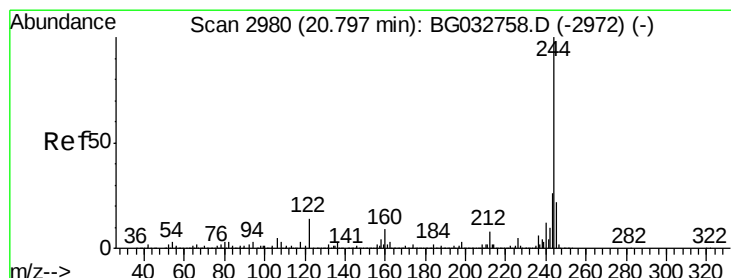
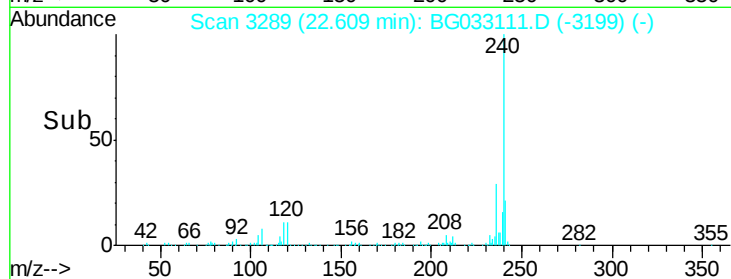
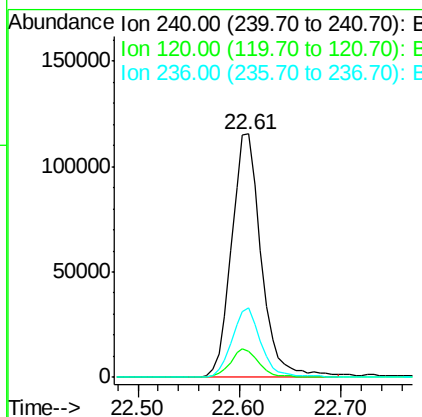
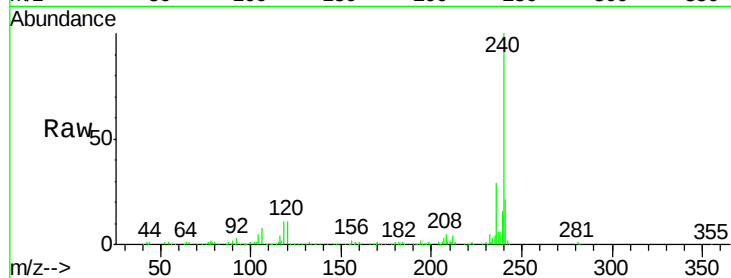




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. 0.00 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

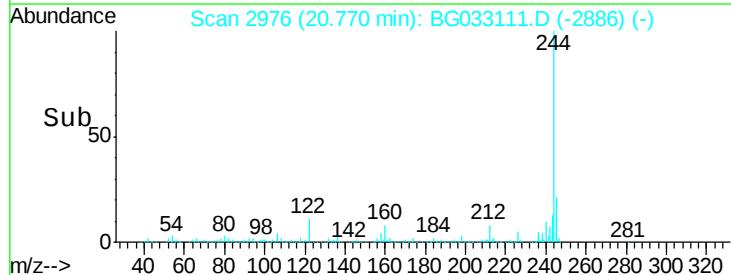
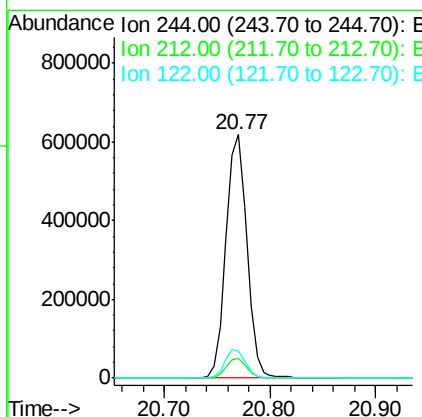
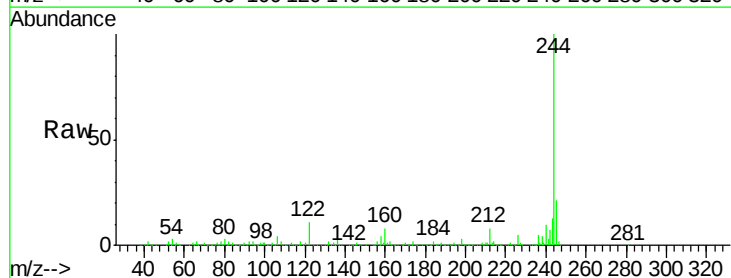
Instrument :
BNA_G
ClientSampleId :
PB107261TB

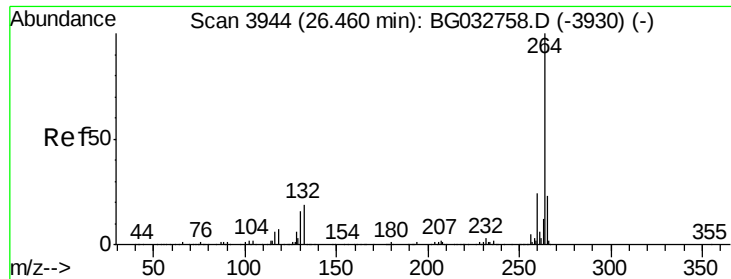
Tgt Ion:240 Resp: 235203
Ion Ratio Lower Upper
240 100
120 10.6 6.8 10.2#
236 28.6 20.9 31.3



#78
Terphenyl-d14
Concen: 81.270 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Tgt Ion:244 Resp: 850790
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.8
122 11.1 7.0 10.4#

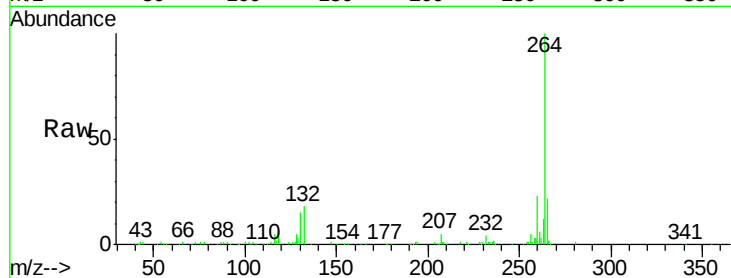




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. 0.00 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.9	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

