

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033659.D
 Acq On : 7 Apr 2018 10:32
 Operator : SJ/JU
 Sample : J2225-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 09 02:00:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

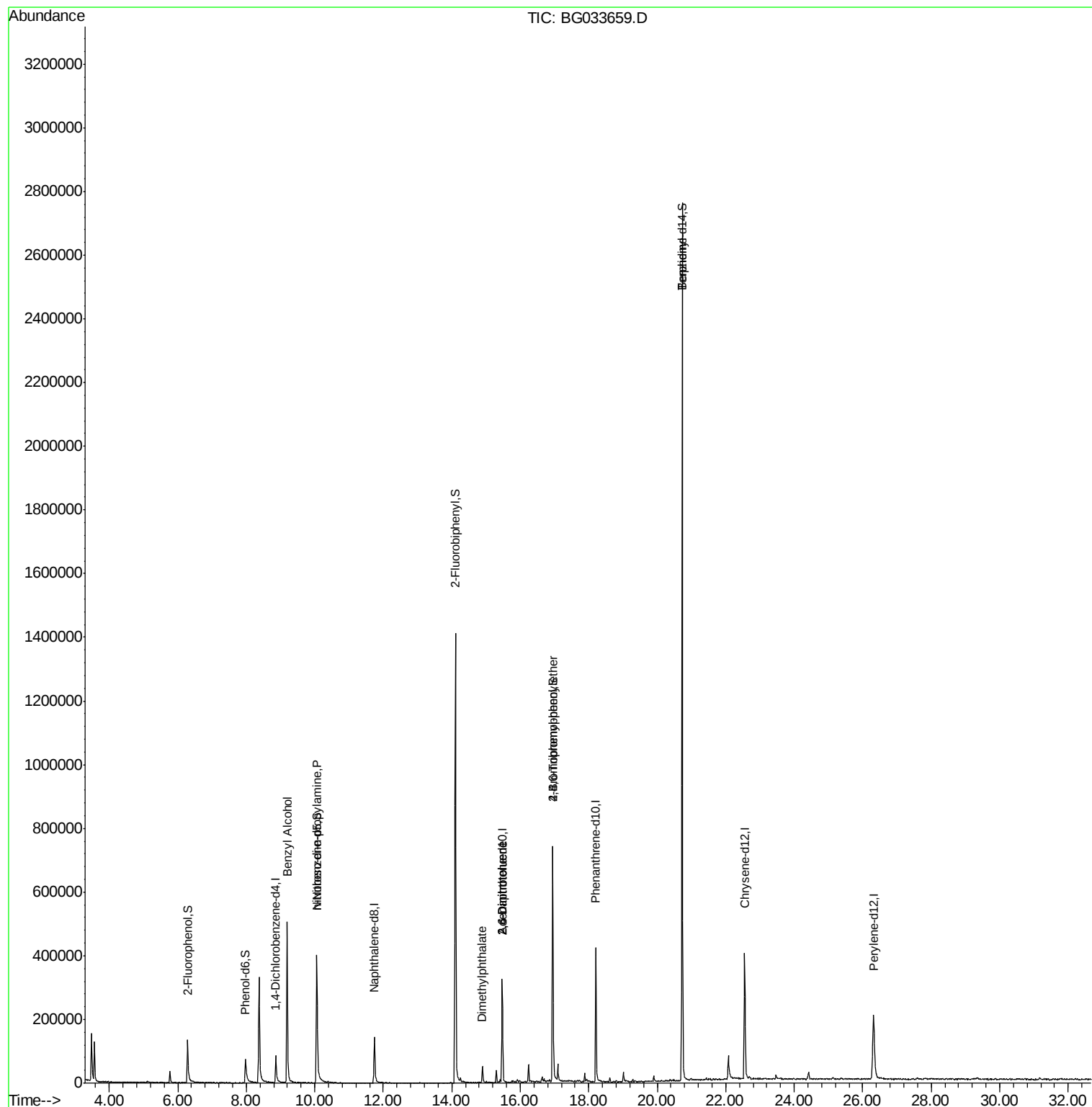
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31767	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	150062	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	121102	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	299935	20.00	ng	0.00
75) Chrysene-d12	22.55	240	302179	20.00	ng	0.00
86) Perylene-d12	26.33	264	306156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	72707	42.92	ng	0.00
7) Phenol-d6	7.97	99	71274	24.49	ng	0.00
23) Nitrobenzene-d5	10.06	82	326184	99.87	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	147533	81.45	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	826671	98.55	ng	0.00
78) Terphenyl-d14	20.73	244	1345830	95.25	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5022	2.191	ng	# 40
19) n-Nitroso-di-n-propylamine	10.06	70	44821	21.013	ng	# 72
49) Dimethylphthalate	14.90	163	31803	3.018	ng	# 96
50) 2,6-Dinitrotoluene	15.47	165	15933	7.394	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	15933	5.021	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	12286	3.488	ng	# 1
76) Benizidine	20.73	184	23423	2.858	ng	# 85

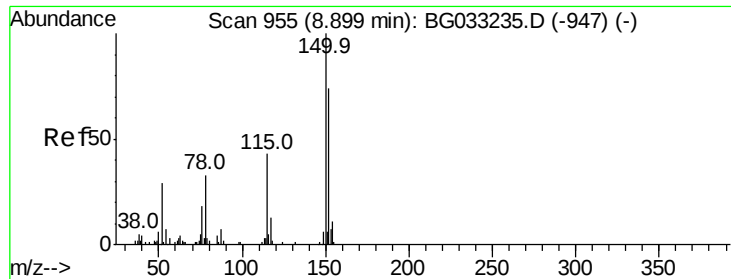
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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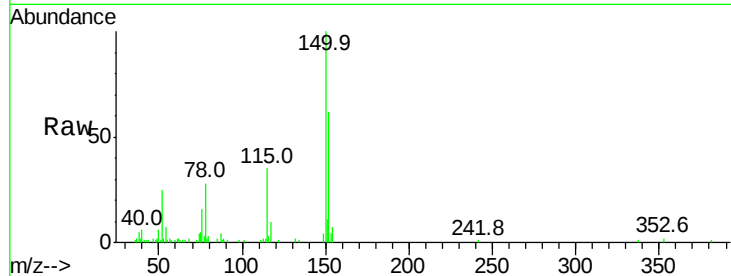


#1

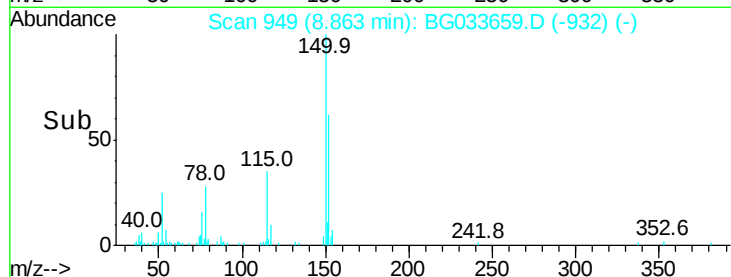
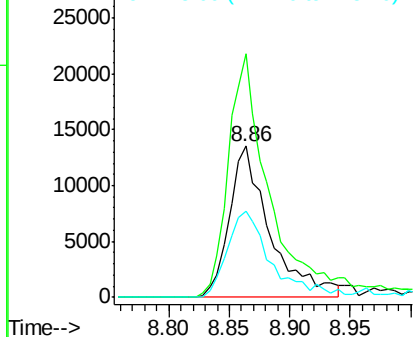
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033659.D
Acq: 7 Apr 2018 10:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.6	189.8
115	56.9	53.0	79.4



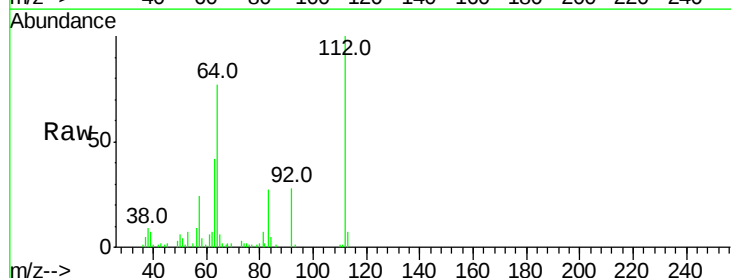
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



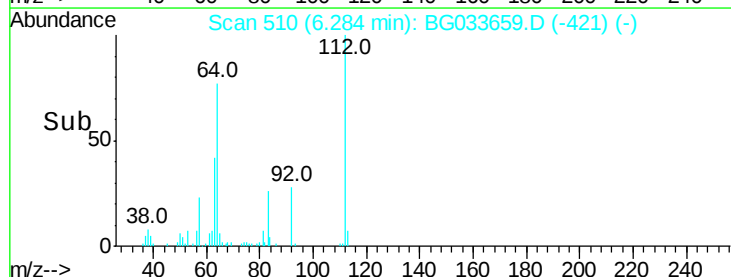
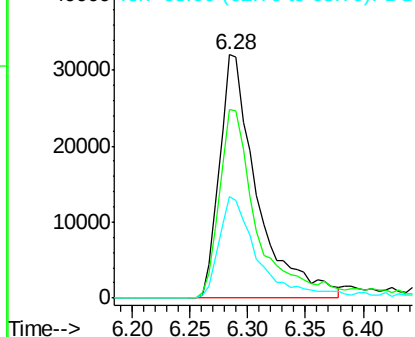
#5

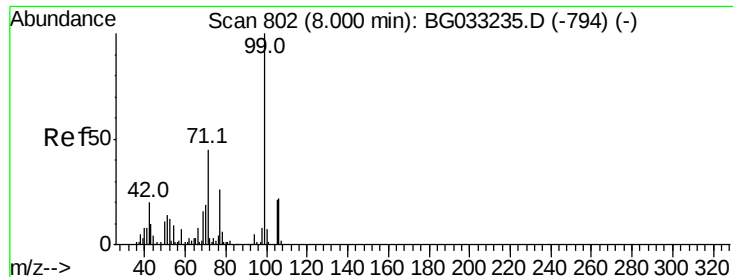
2-Fluorophenol
Concen: 42.917 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033659.D
Acq: 7 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.4	56.3	84.5
63	41.6	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: 24.486 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

Instrument :

BNA_G

ClientSampleId :

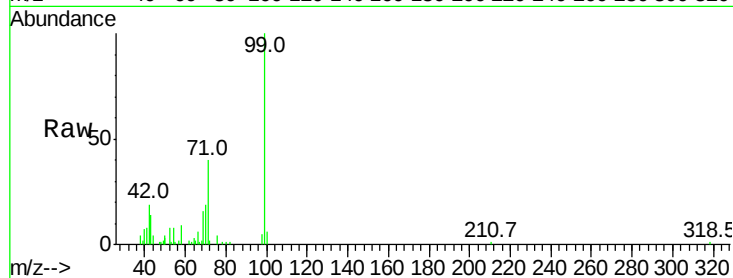
Tot Ion: 99 Resp: 71274

Ion Ratio Lower Upper

99 100

42 19.4 14.1 21.1

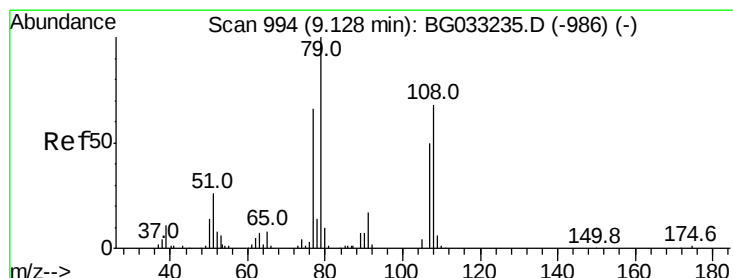
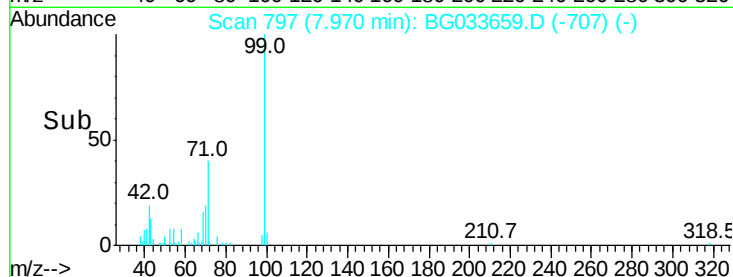
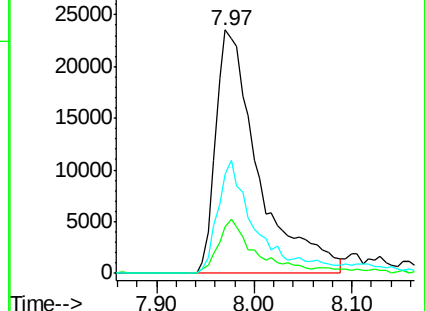
71 40.5 26.1 39.1#



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: 2.191 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

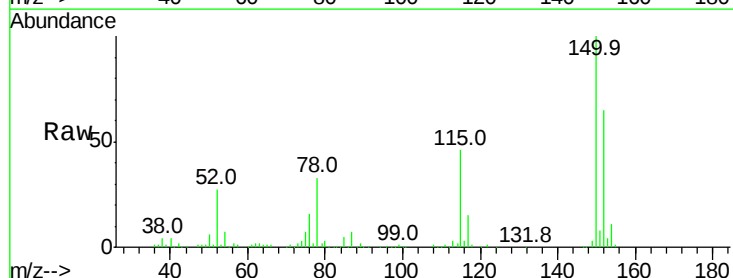
Tgt Ion: 79 Resp: 5022

Ion Ratio Lower Upper

79 100

108 24.7 57.2 85.8#

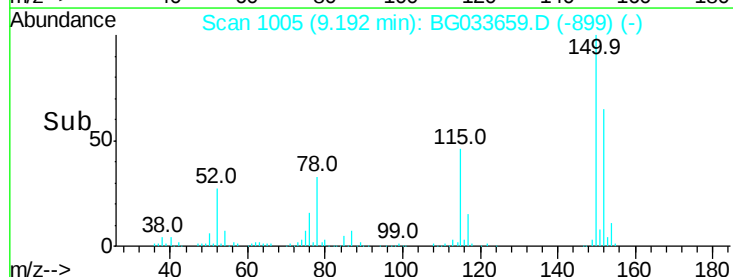
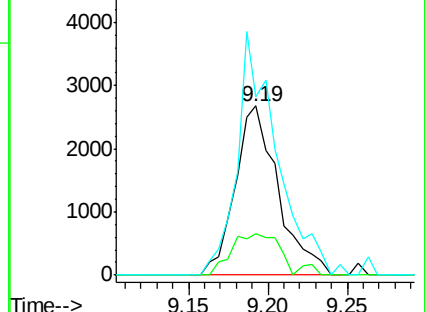
77 105.9 46.1 69.1#

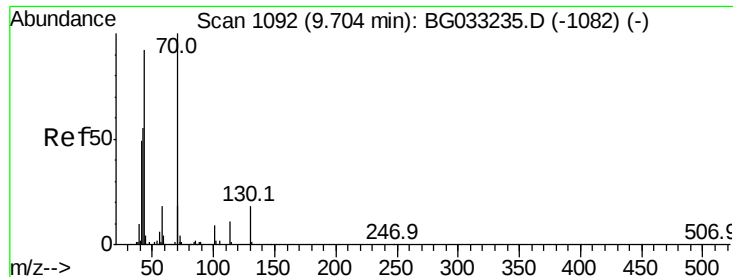


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

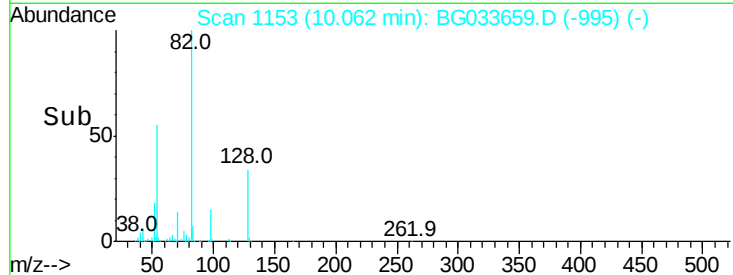
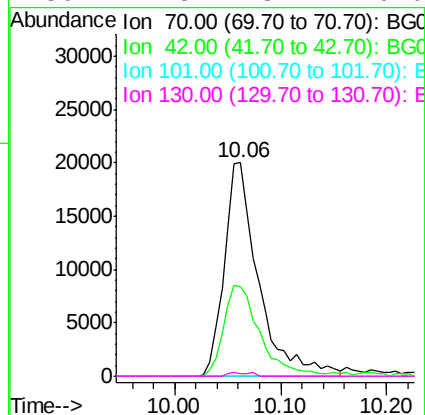
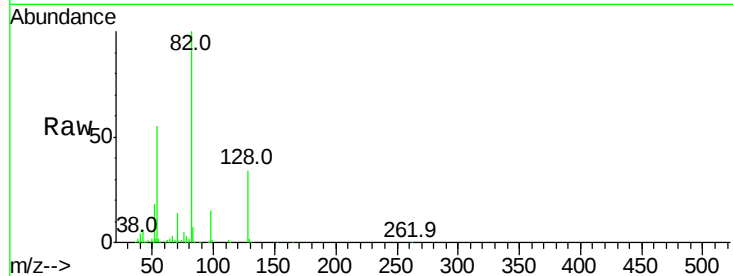




#19
 n-Nitroso-di-n-propylamine
 Concen: 21.013 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.40 min
 Lab File: BG033659.D
 Acq: 7 Apr 2018 10:32

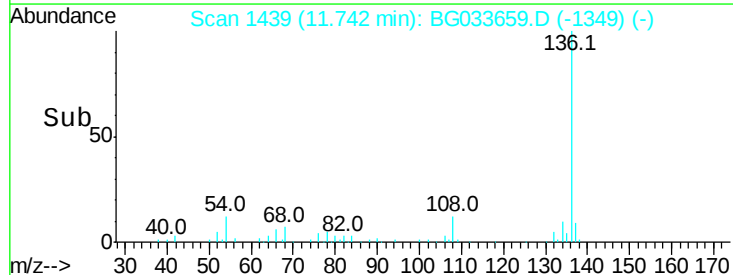
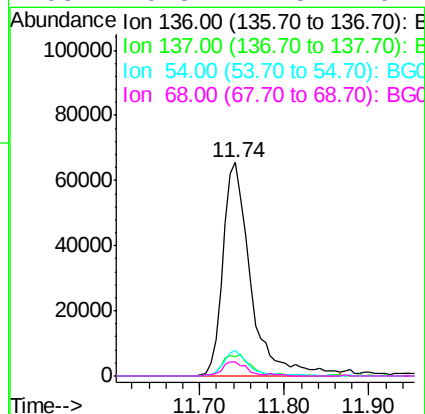
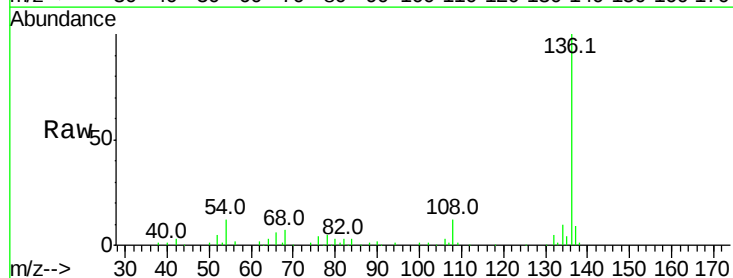
Instrument :
 BNA_G
 ClientSampleId :

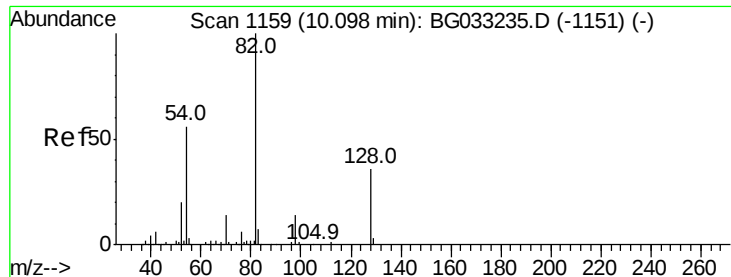
Tot Ion: 70 Resp: 44821
 Ion Ratio Lower Upper
 70 100
 42 42.0 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.3 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BG033659.D
 Acq: 7 Apr 2018 10:32

Tgt Ion: 136 Resp: 150062
 Ion Ratio Lower Upper
 136 100
 137 9.1 9.2 13.8#
 54 12.0 10.3 15.5
 68 6.8 4.5 6.7#

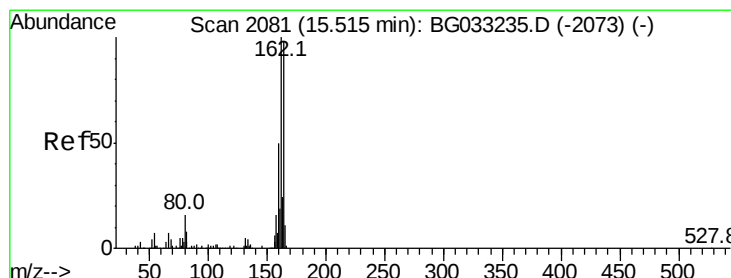
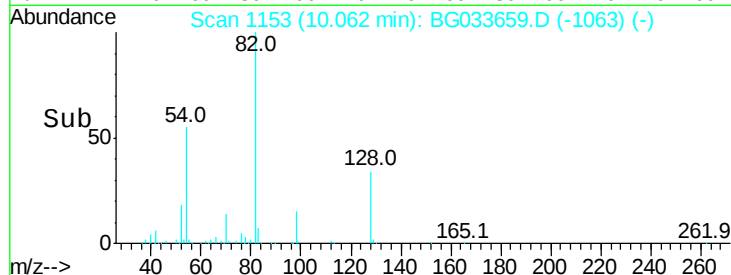
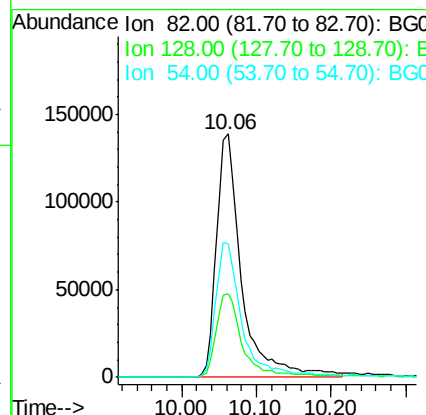
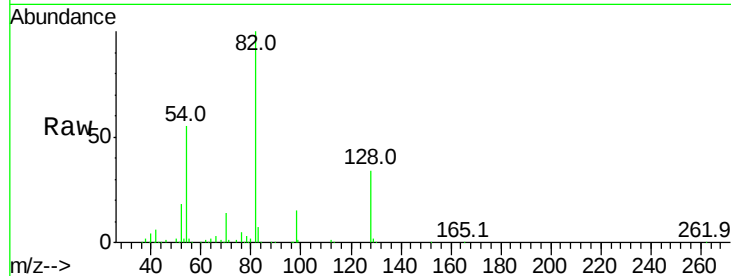




#23
 Nitrobenzene-d5
 Concen: 99.867 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033659.D
 Acq: 7 Apr 2018 10:32

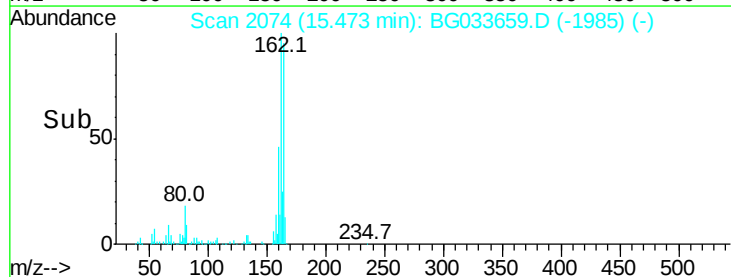
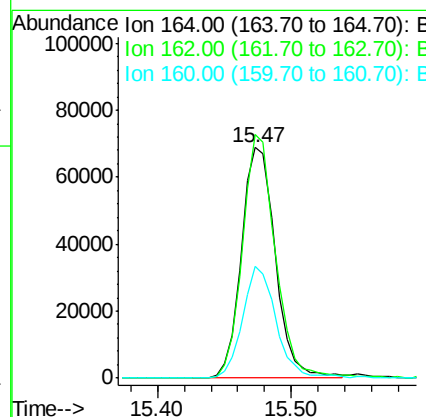
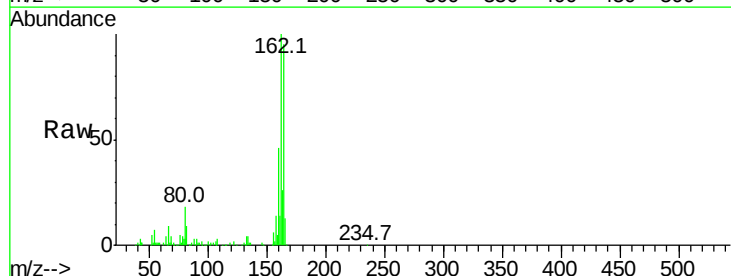
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	326184
Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	54.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033659.D
 Acq: 7 Apr 2018 10:32

Tgt Ion	164	Resp	121102
Ion	Ratio	Lower	Upper
164	100		
162	105.6	78.8	118.2
160	48.4	35.4	53.0

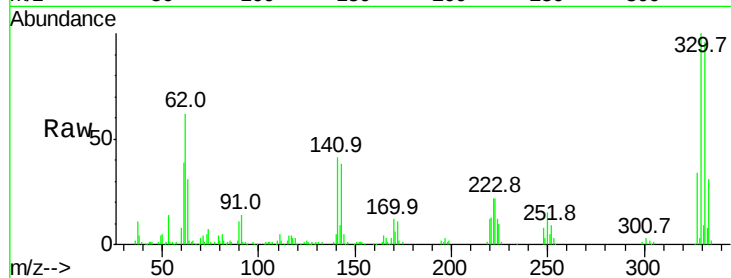




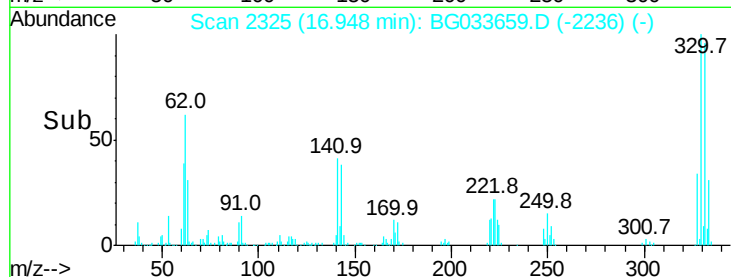
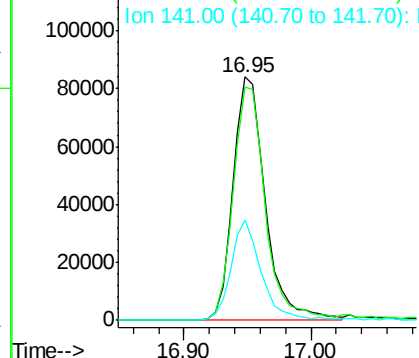
#41
 2,4,6-Tribromophenol
 Concen: 81.455 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033659.D
 Acq: 7 Apr 2018 10:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 147533
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 38.8 25.2 37.8#

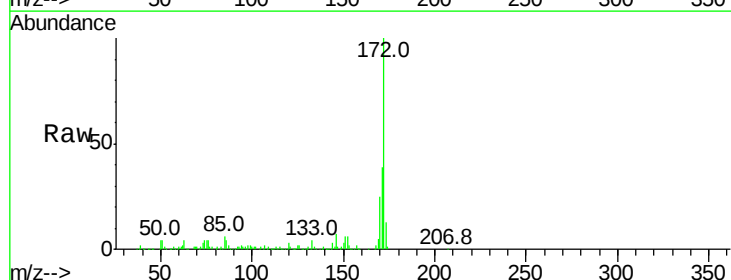


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

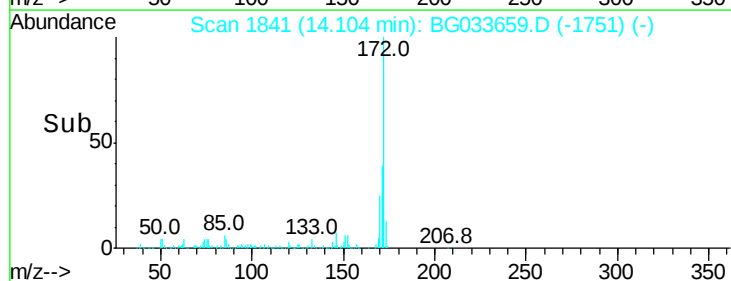
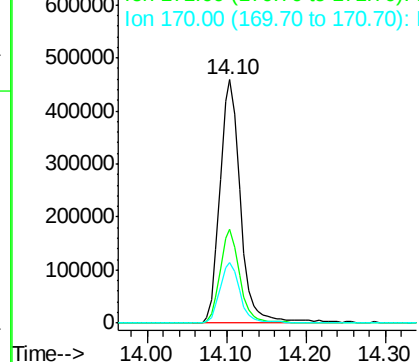


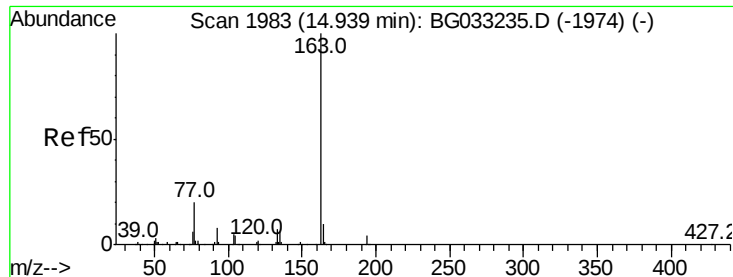
#44
 2-Fluorobiphenyl
 Concen: 98.546 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033659.D
 Acq: 7 Apr 2018 10:32

Tgt Ion:172 Resp: 826671
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.0 45.0
 170 24.8 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

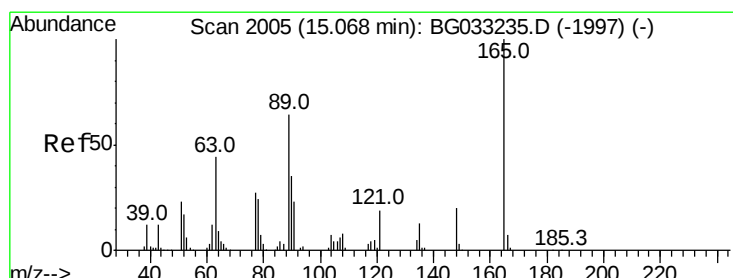
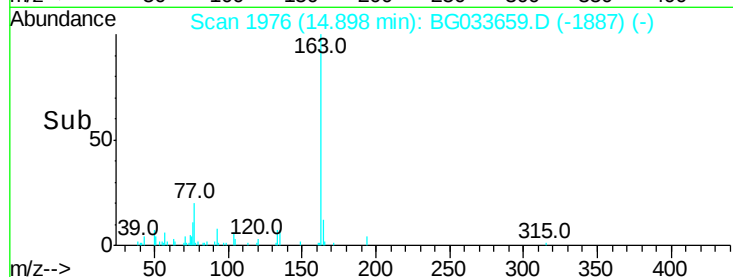
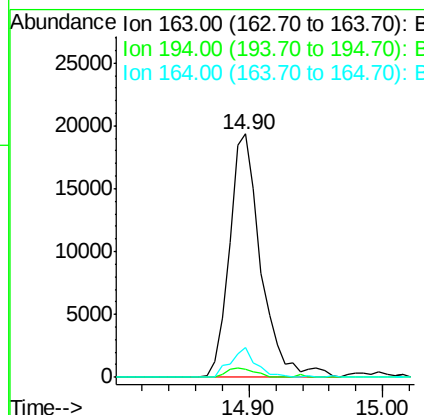
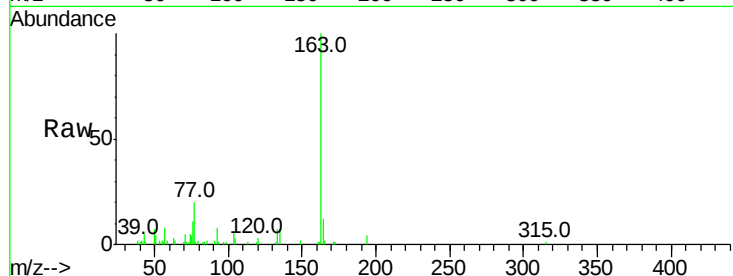




#49
Dimethylphthalate
Concen: 3.018 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033659.D
Acq: 7 Apr 2018 10:32

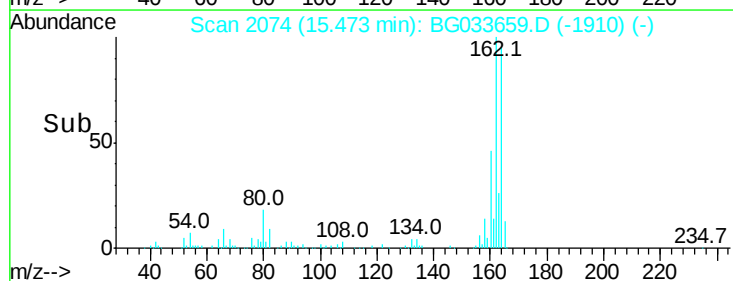
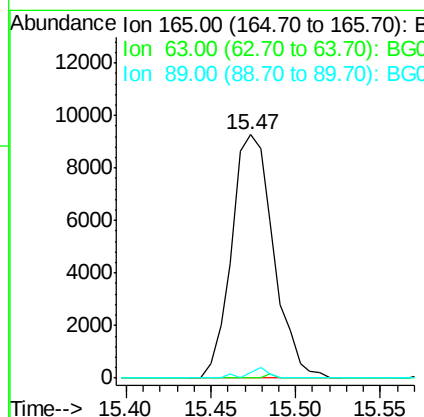
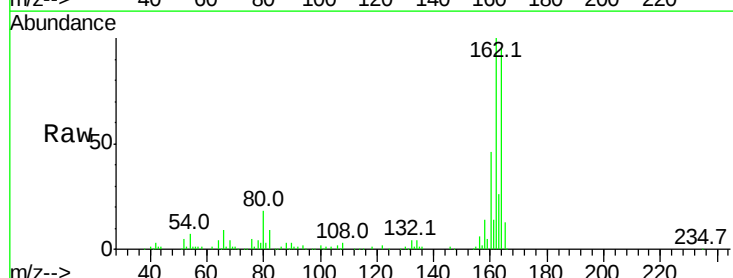
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.4	5.2
164	12.3	8.2	12.4



#50
2,6-Dinitrotoluene
Concen: 7.394 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.43 min
Lab File: BG033659.D
Acq: 7 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.1	49.2	73.8#





#56

2,4-Dinitrotoluene

Concen: 5.021 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.34 min

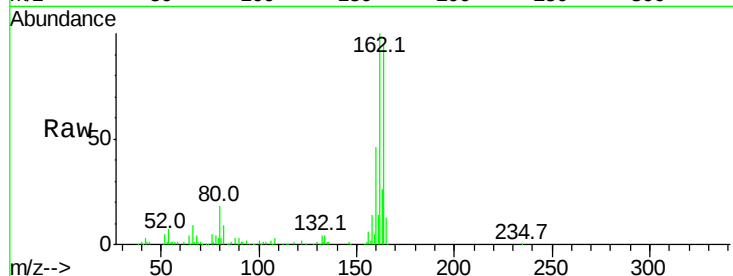
Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

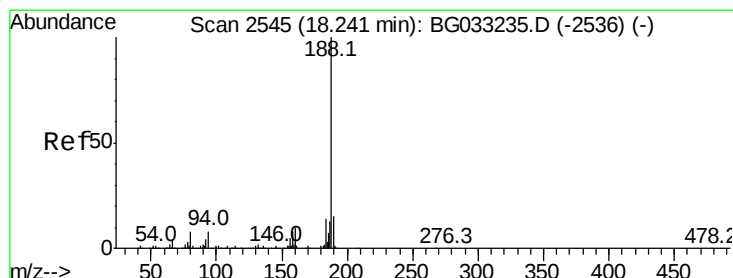
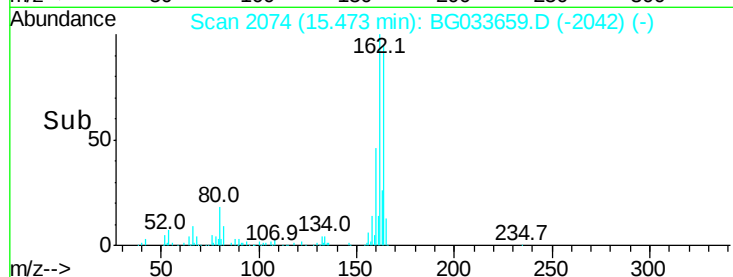
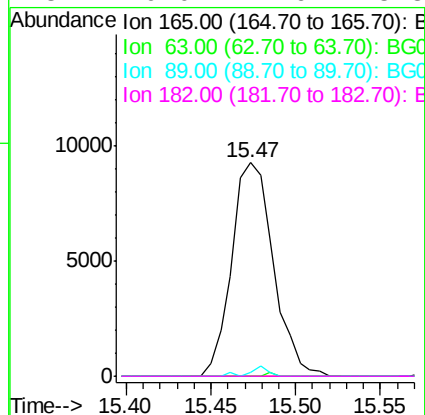
Instrument :

BNA_G

ClientSampleId :



Tot Ion:	165	Resp:	15933
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.1	66.9	100.3#
182	0.0	2.6	3.8#



#63

Phenanthrene-d10

Concen: 20.000 ng

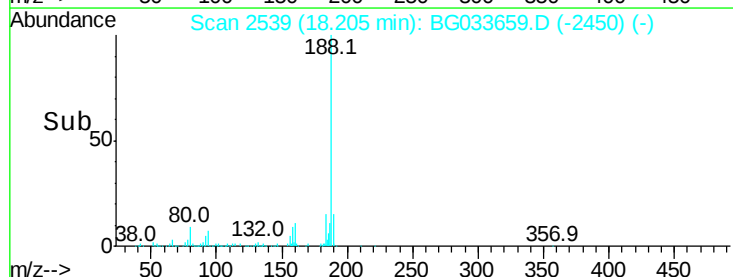
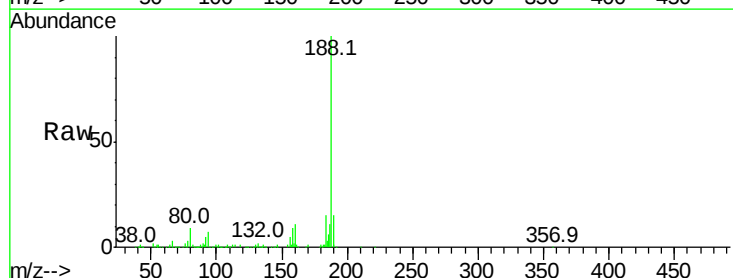
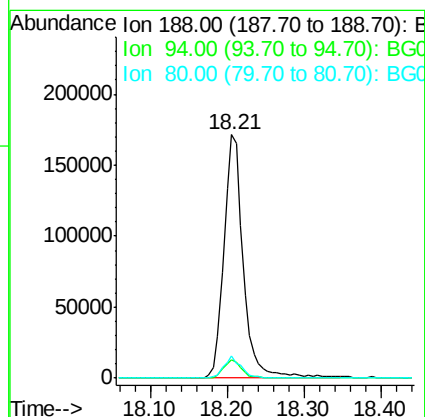
RT: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

Tgt Ion:	188	Resp:	299935
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.9	7.7	11.5

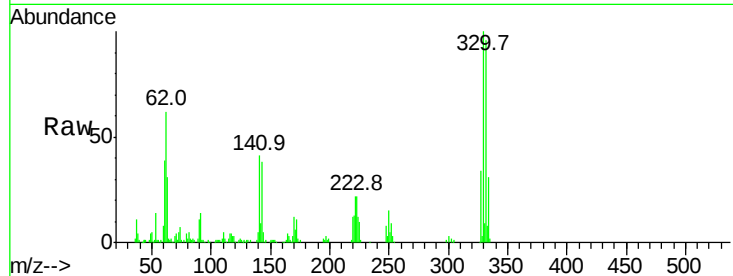




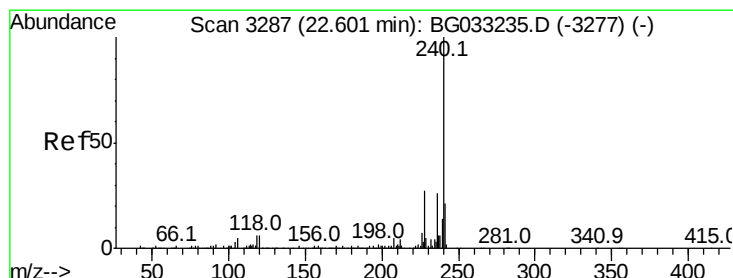
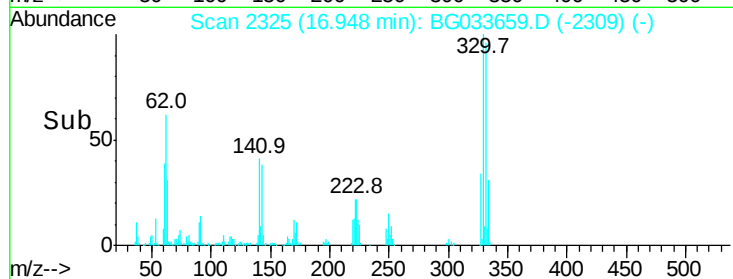
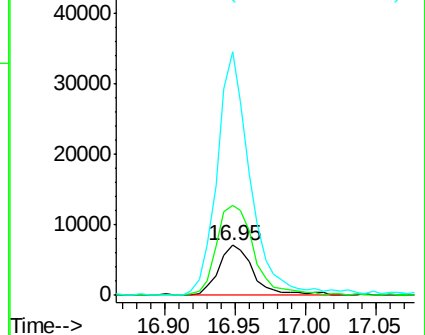
#66
4-Bromophenyl-phenylether
Concen: 3.488 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033659.D
Acq: 7 Apr 2018 10:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 12286
Ion Ratio Lower Upper
248 100
250 179.8 77.1 115.7#
141 489.0 50.8 76.2#

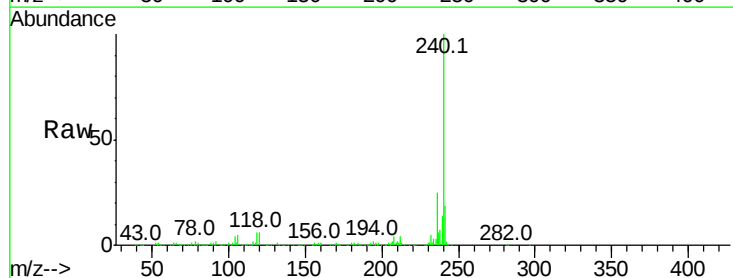


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

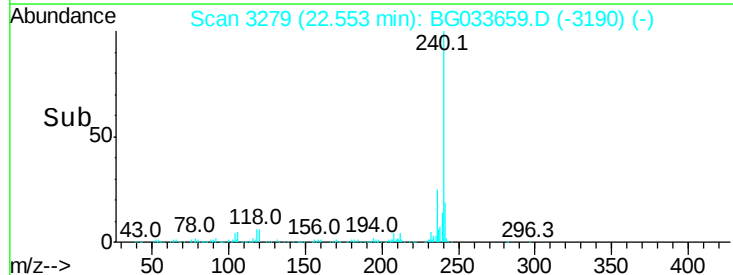
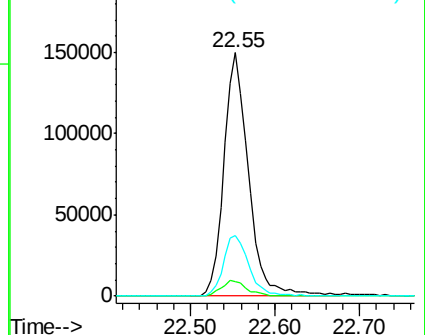


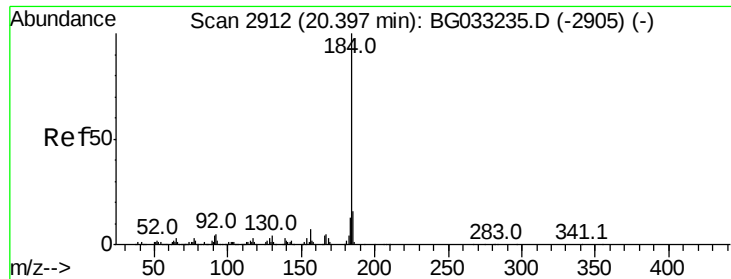
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033659.D
Acq: 7 Apr 2018 10:32

Tgt Ion:240 Resp: 302179
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 24.8 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: 2.858 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

Instrument :

BNA_G

ClientSampleId :

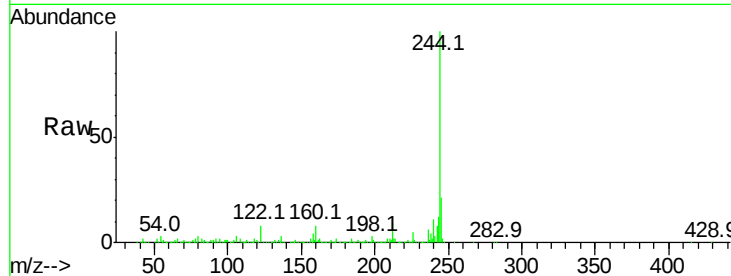
Tot Ion:184 Resp: 23423

Ion Ratio Lower Upper

184 100

185 21.6 11.1 16.7#

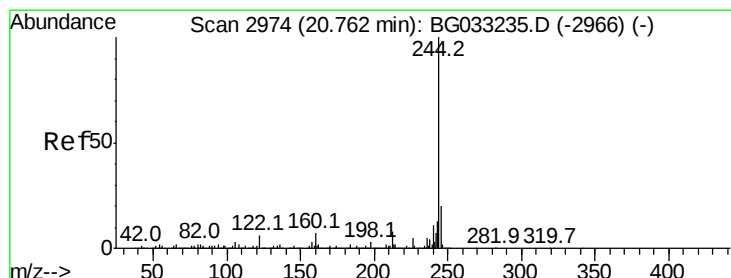
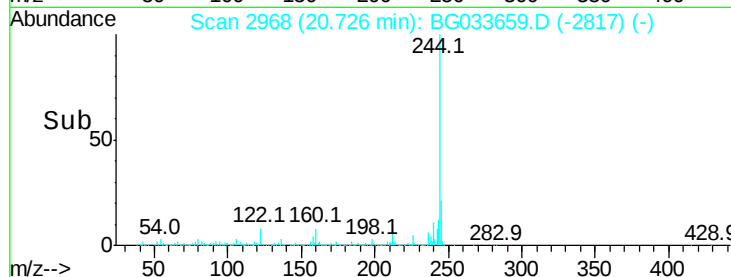
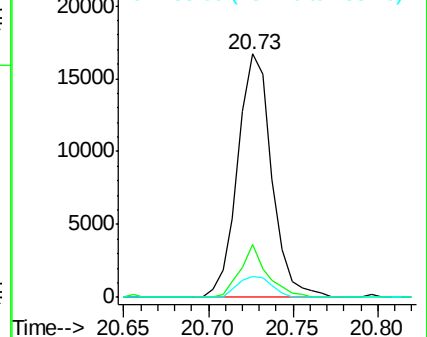
183 8.7 10.6 16.0#



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: 95.248 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

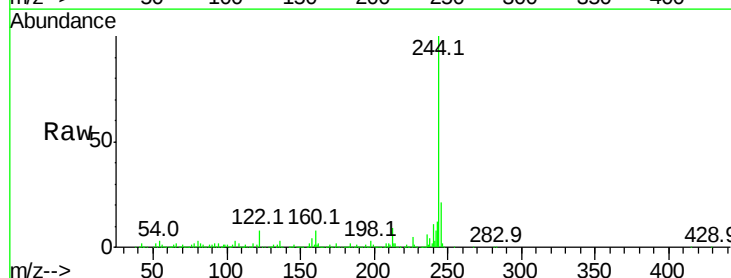
Tgt Ion:244 Resp: 1345830

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

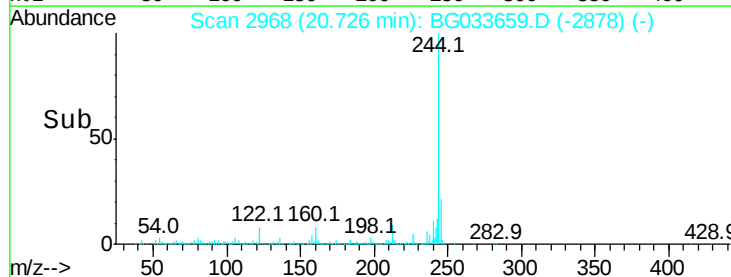
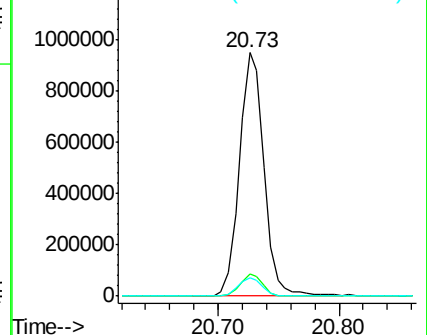
122 7.7 7.0 10.4



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

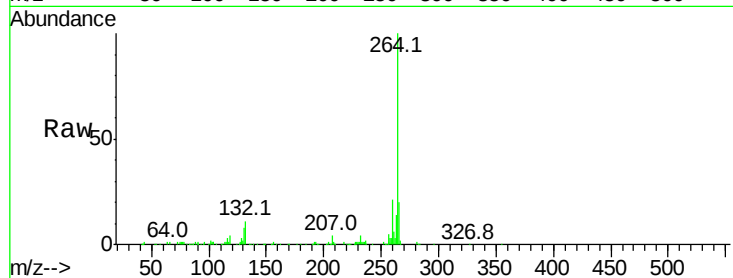




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. 0.01 min
 Lab File: BG033659.D
 Acq: 7 Apr 2018 10:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.7	17.4	26.0
265	20.4	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

