

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033702.D
 Acq On : 10 Apr 2018 5:48
 Operator : SJ/JU
 Sample : J2157-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 08:12:18 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

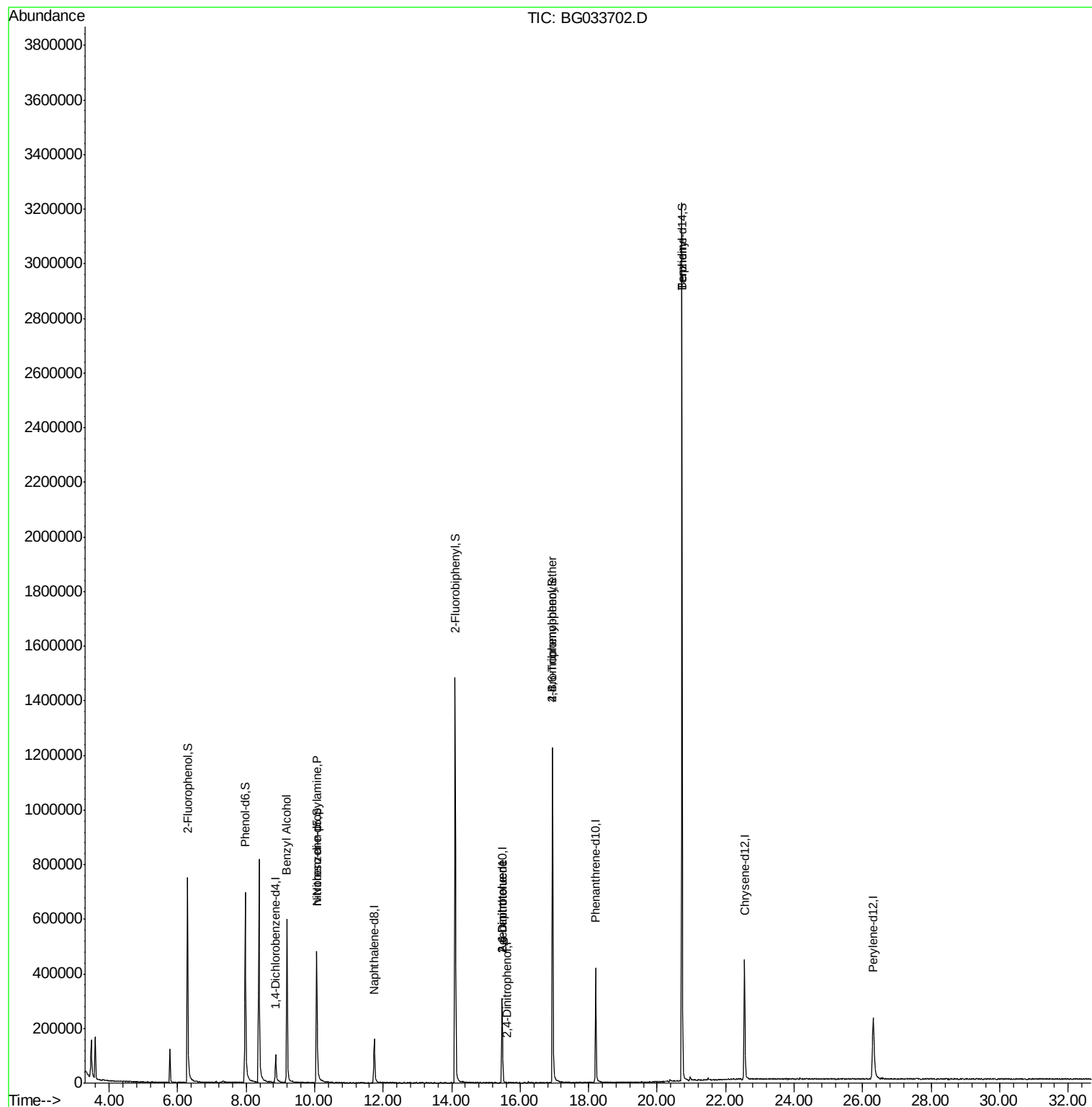
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	39322	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	158887	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	118666	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	308884	20.00	ng	0.00
75) Chrysene-d12	22.55	240	319746	20.00	ng	0.00
86) Perylene-d12	26.31	264	342517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	347283	165.61	ng	0.00
7) Phenol-d6	7.97	99	484357	134.43	ng	0.00
23) Nitrobenzene-d5	10.06	82	363536	105.12	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	242271	136.51	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	846017	102.92	ng	0.00
78) Terphenyl-d14	20.72	244	1632922	109.22	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6873	2.423	ng	# 42
19) n-Nitroso-di-n-propylamine	10.06	70	52090	19.729	ng	# 81
50) 2,6-Dinitrotoluene	15.48	165	15339	7.264	ng	# 21
53) 2,4-Dinitrophenol	15.60	184	67	7.698	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	15339	4.934	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	18434	5.082	ng	# 1
76) Benizidine	20.73	184	28861	3.328	ng	96

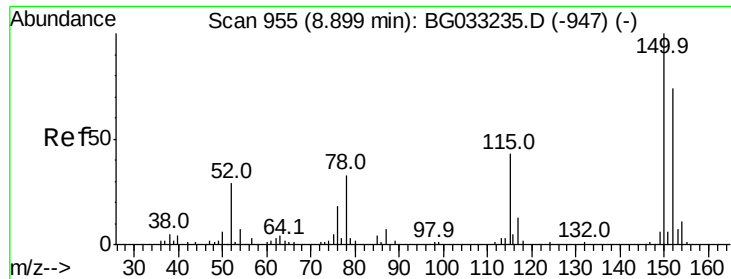
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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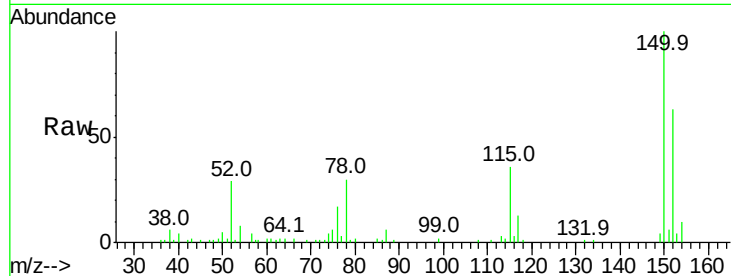


#1

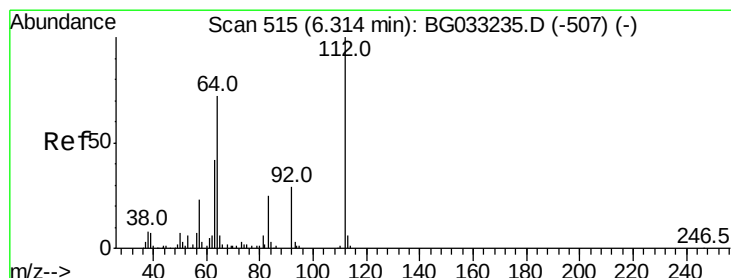
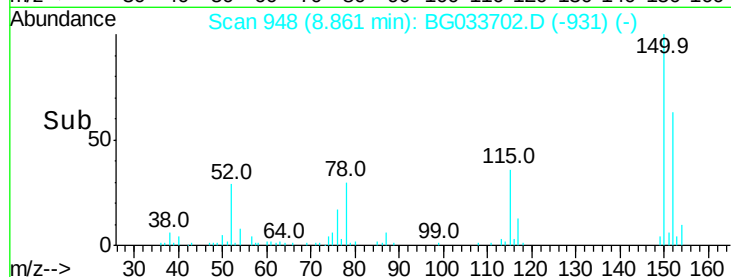
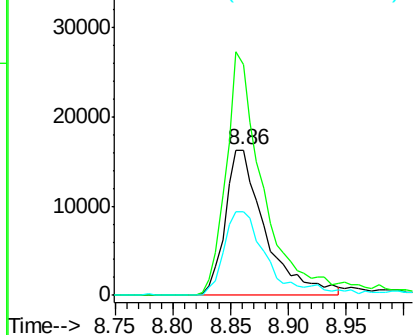
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033702.D
Acq: 10 Apr 2018 5:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 39322
Ion Ratio Lower Upper
152 100
150 158.9 126.6 189.8
115 57.7 53.0 79.4



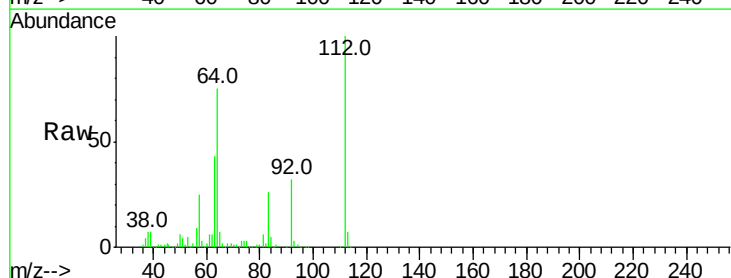
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



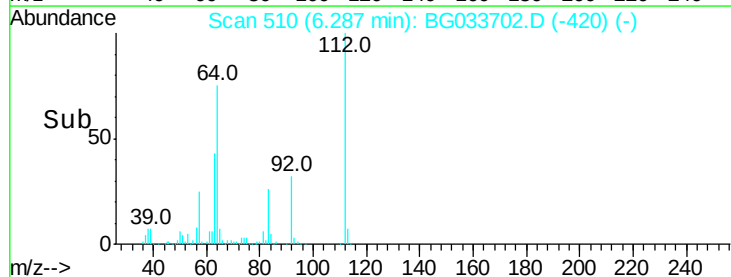
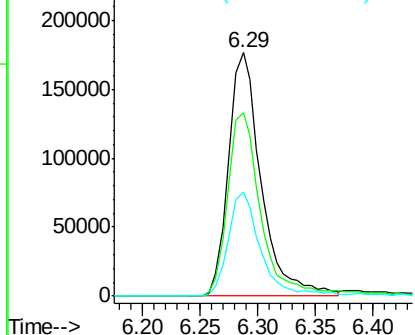
#5

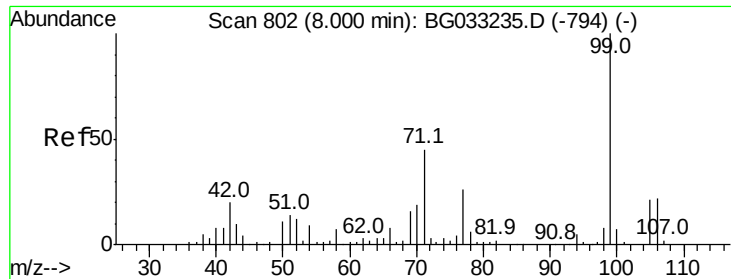
2-Fluorophenol
Concen: 165.606 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033702.D
Acq: 10 Apr 2018 5:48

Tgt Ion:112 Resp: 347283
Ion Ratio Lower Upper
112 100
64 75.5 56.3 84.5
63 43.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 134.426 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033702.D

Acq: 10 Apr 2018 5:48

Instrument :

BNA_G

ClientSampled :

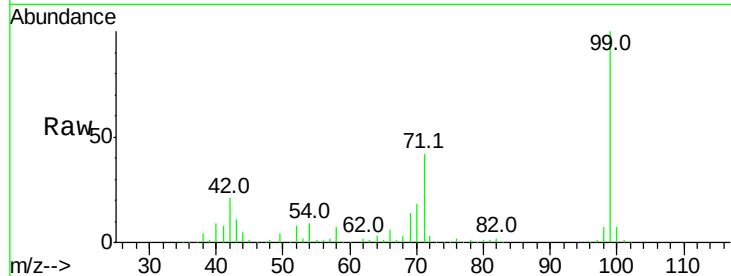
Tot Ion: 99 Resp: 484357

Ion Ratio Lower Upper

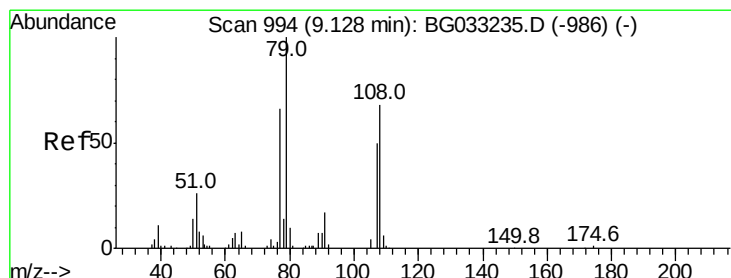
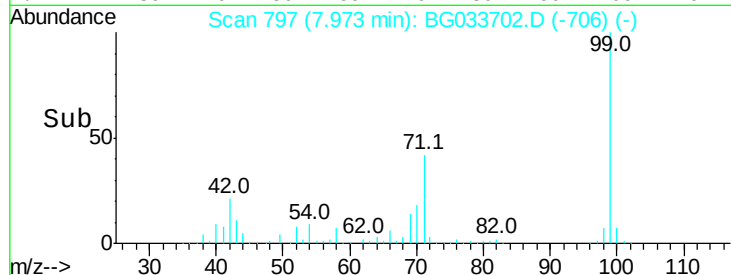
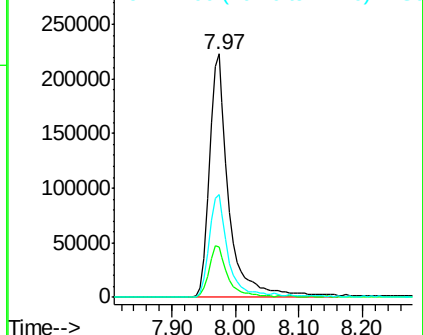
99 100

42 20.6 14.1 21.1

71 42.4 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: 2.423 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033702.D

Acq: 10 Apr 2018 5:48

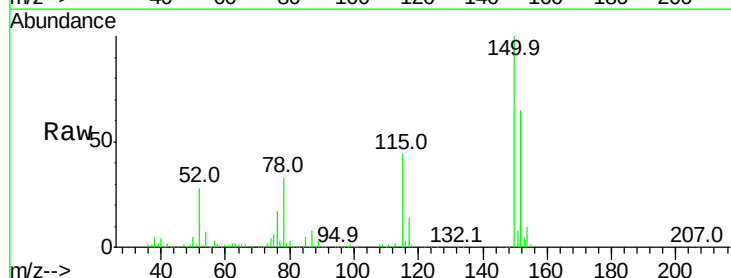
Tgt Ion: 79 Resp: 6873

Ion Ratio Lower Upper

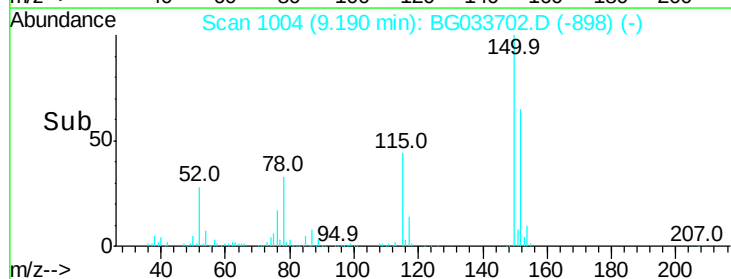
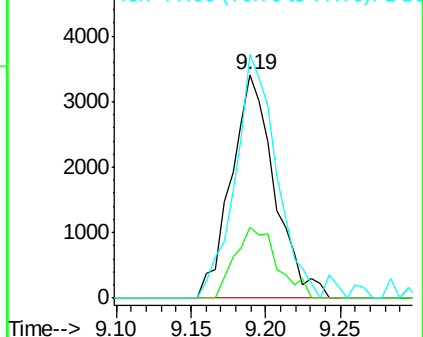
79 100

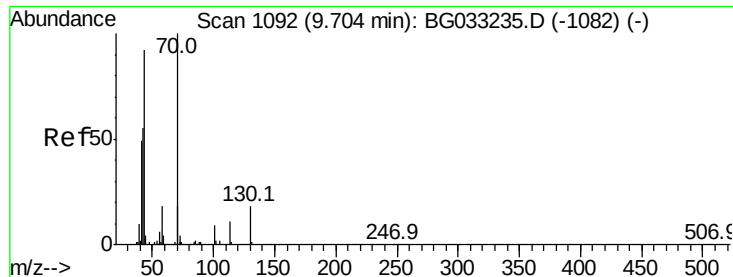
108 31.4 57.2 85.8#

77 109.0 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

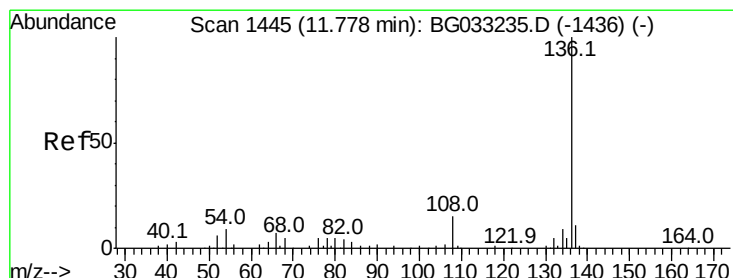
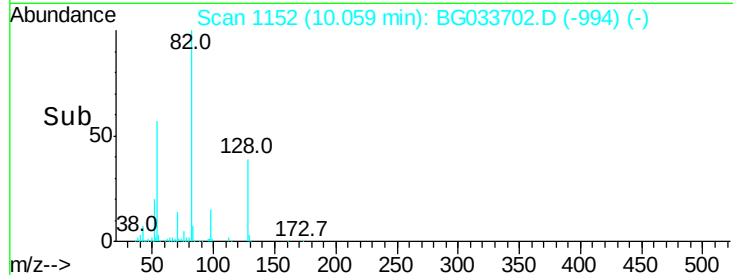
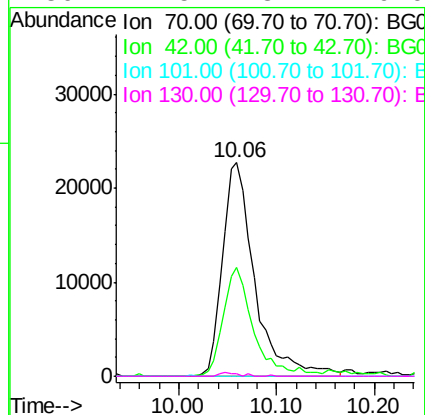
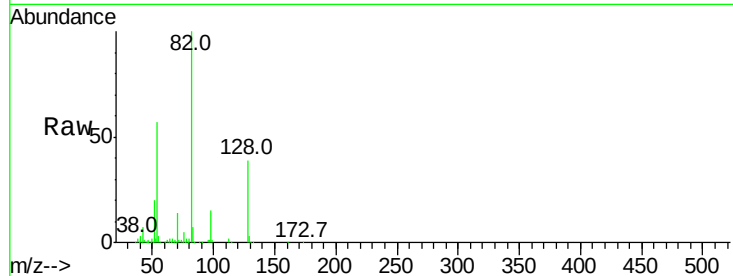




#19
 n-Nitroso-di-n-propylamine
 Concen: 19.729 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.40 min
 Lab File: BG033702.D
 Acq: 10 Apr 2018 5:48

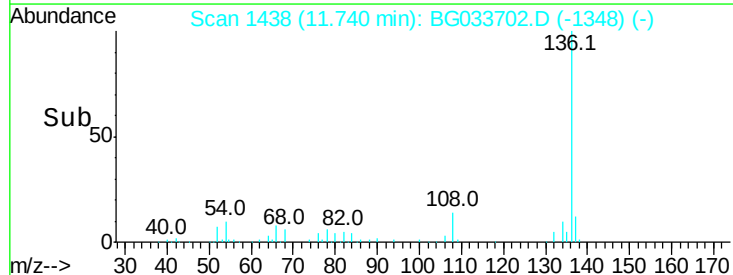
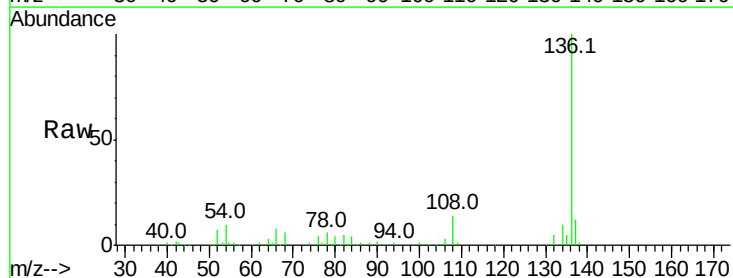
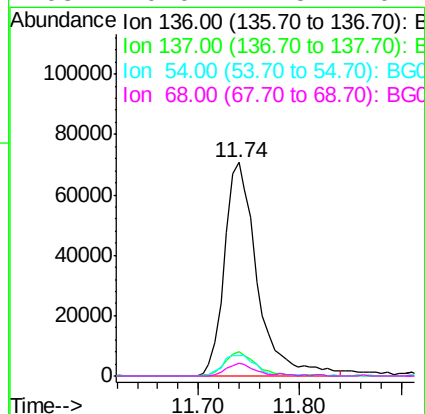
Instrument :
 BNA_G
 ClientSampleId :

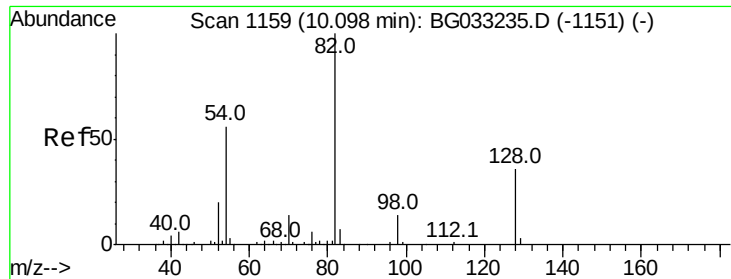
Tot Ion:	70	Resp:	52090
Ion Ratio	Lower	Upper	
70	100		
42	51.0	49.1	73.7
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BG033702.D
 Acq: 10 Apr 2018 5:48

Tgt Ion:	136	Resp:	158887
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.2	13.8
54	10.4	10.3	15.5
68	6.0	4.5	6.7

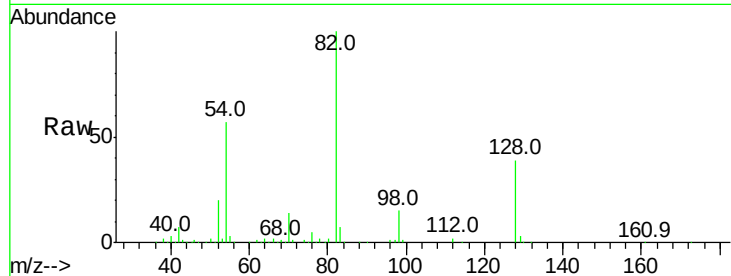




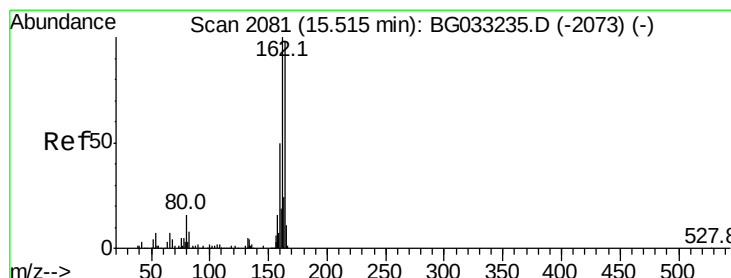
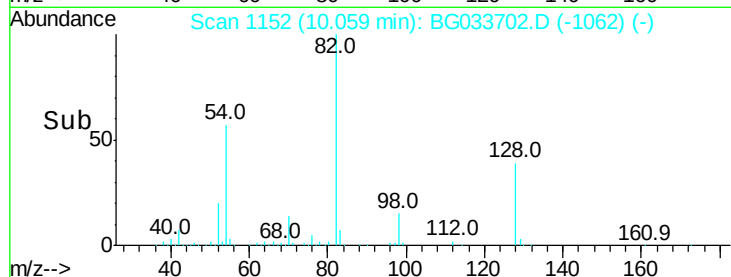
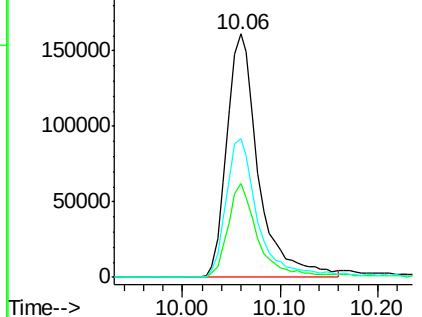
#23
 Nitrobenzene-d5
 Concen: 105.121 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033702.D
 Acq: 10 Apr 2018 5:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	363536
Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.7	44.5
54	57.2	43.1	64.7

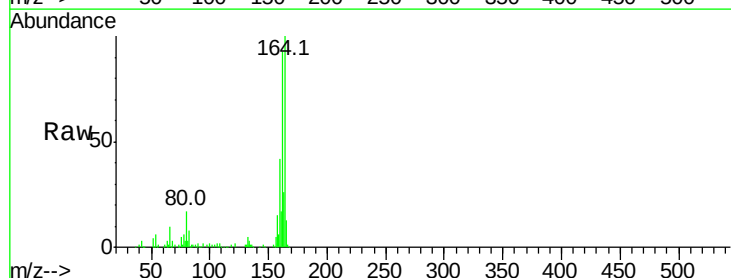


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

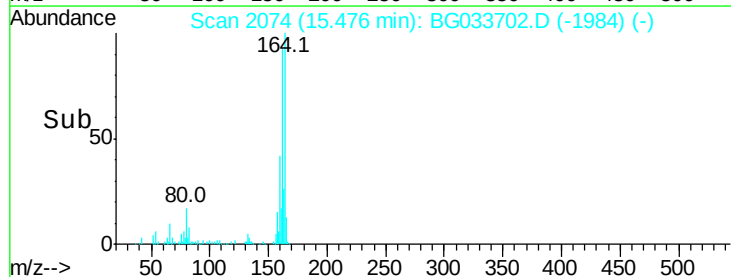
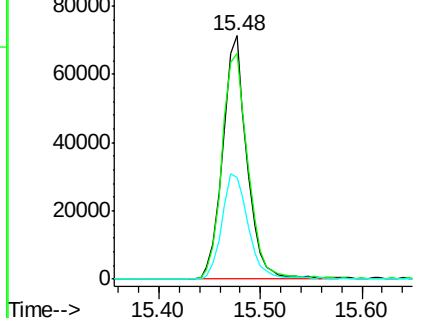


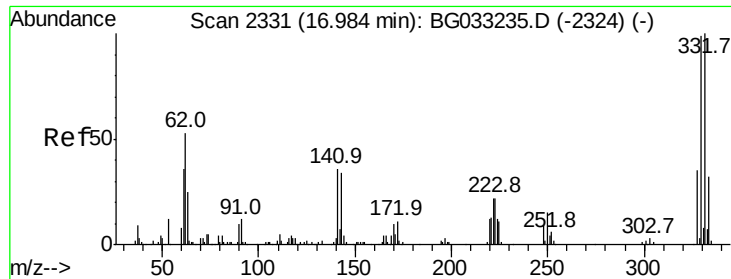
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033702.D
 Acq: 10 Apr 2018 5:48

Tgt Ion	164	Resp	118666
Ion	Ratio	Lower	Upper
164	100		
162	92.7	78.8	118.2
160	41.8	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

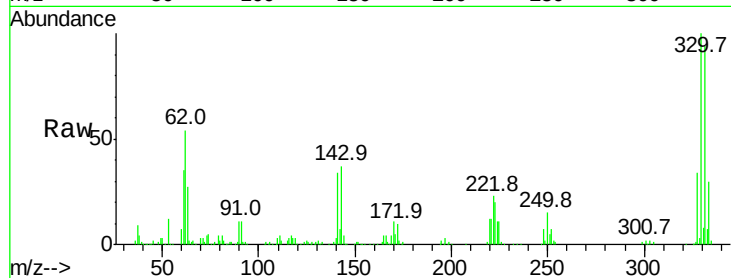




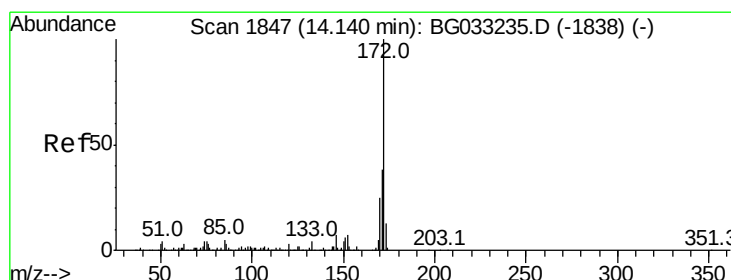
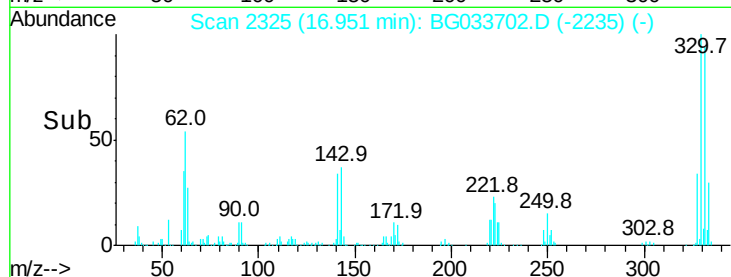
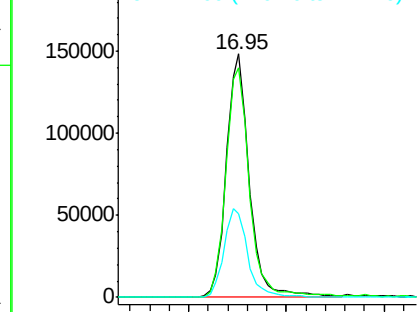
#41
 2,4,6-Tribromophenol
 Concen: 136.507 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033702.D
 Acq: 10 Apr 2018 5:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	37.7	25.2	37.8

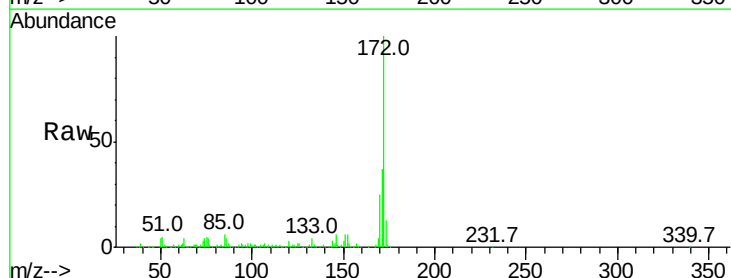


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

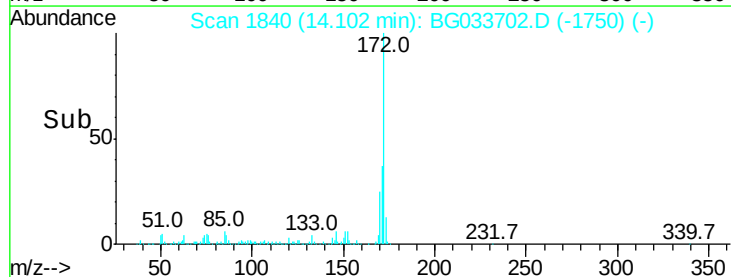
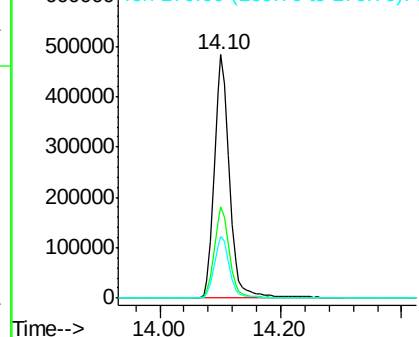


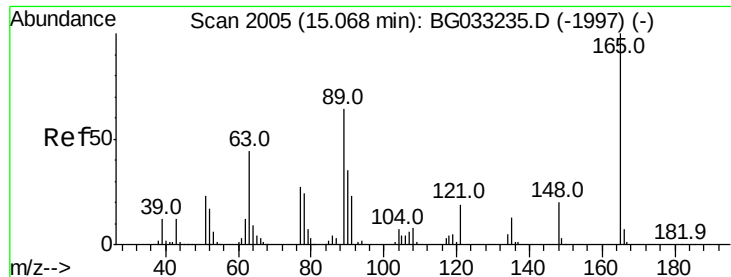
#44
 2-Fluorobiphenyl
 Concen: 102.922 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033702.D
 Acq: 10 Apr 2018 5:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	25.2	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





#50

2,6-Dinitrotoluene

Concen: 7.264 ng

RT: 15.48 min Scan# 2074

Delta R.T. 0.44 min

Lab File: BG033702.D

Acq: 10 Apr 2018 5:48

Instrument :

BNA_G

ClientSampleId :

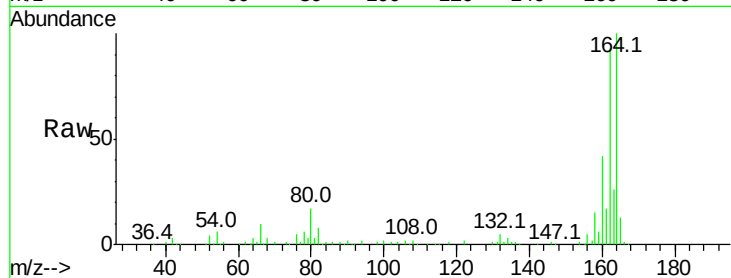
Tot Ion:165 Resp: 15339

Ion Ratio Lower Upper

165 100

63 2.3 52.7 79.1#

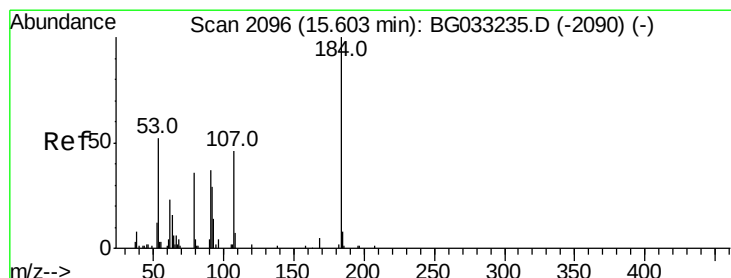
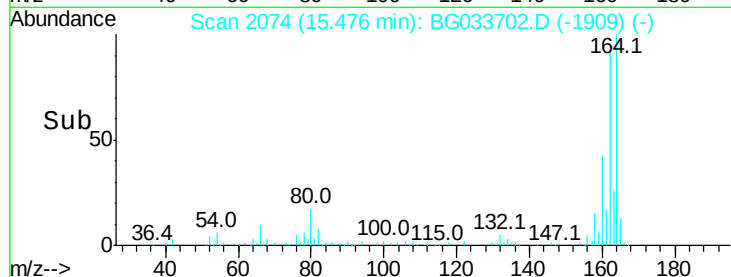
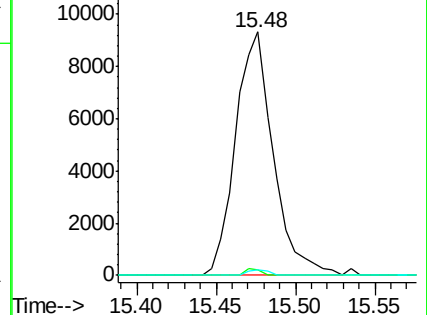
89 2.3 49.2 73.8#



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



#53

2,4-Dinitrophenol

Concen: 7.698 ng

RT: 15.60 min Scan# 2095

Delta R.T. 0.02 min

Lab File: BG033702.D

Acq: 10 Apr 2018 5:48

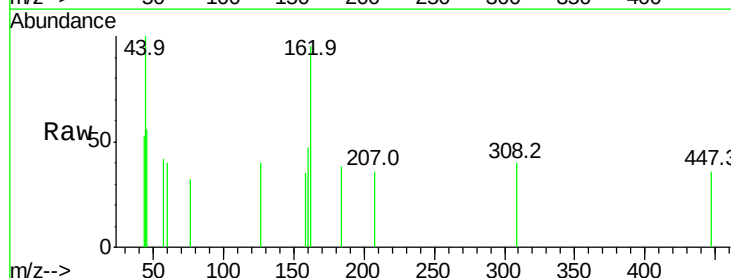
Tgt Ion:184 Resp: 67

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

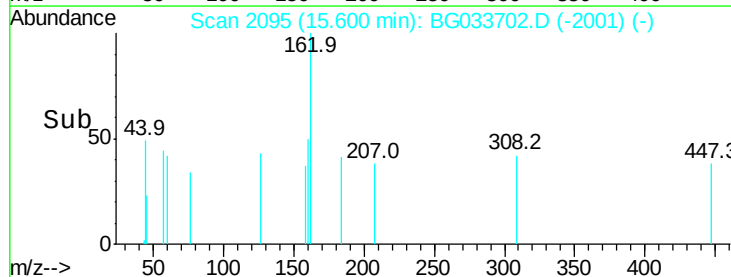
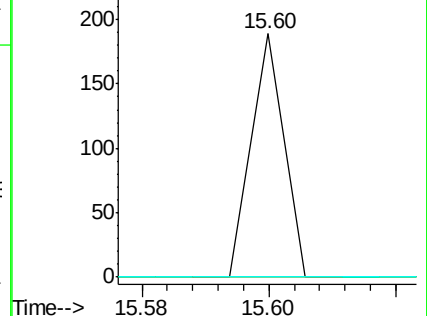
154 0.0 101.8 152.8#

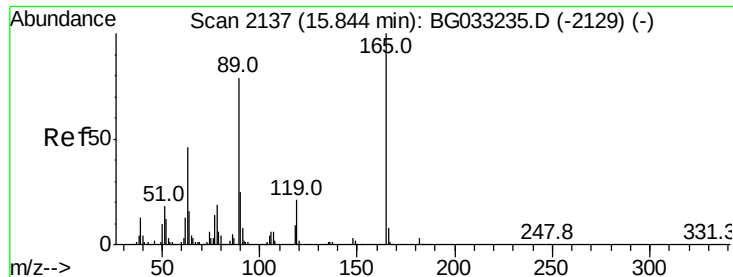


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

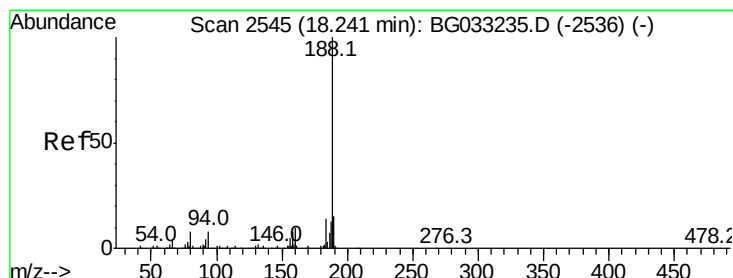
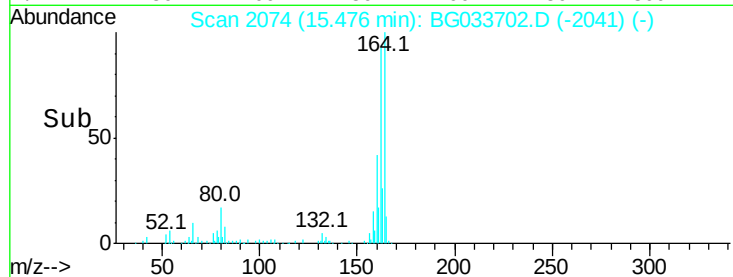
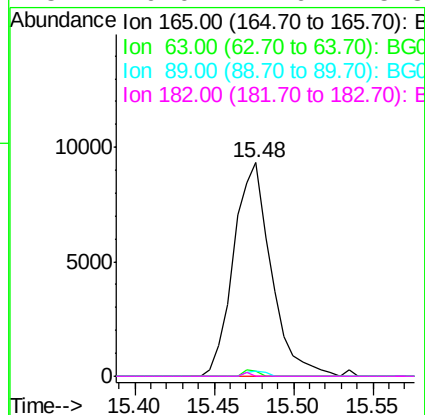
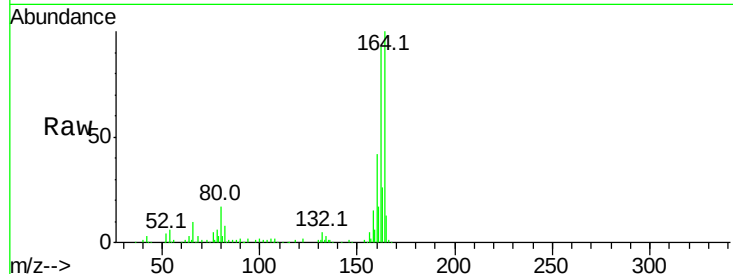




#56
2,4-Dinitrotoluene
Concen: 4.934 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033702.D
Acq: 10 Apr 2018 5:48

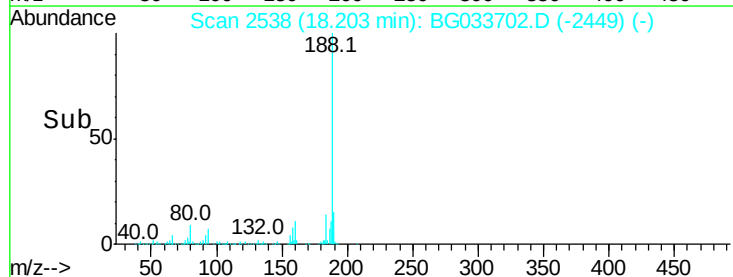
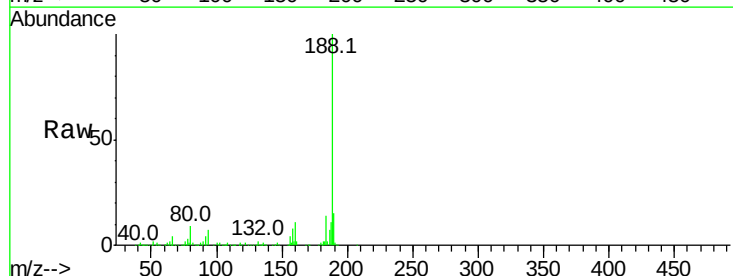
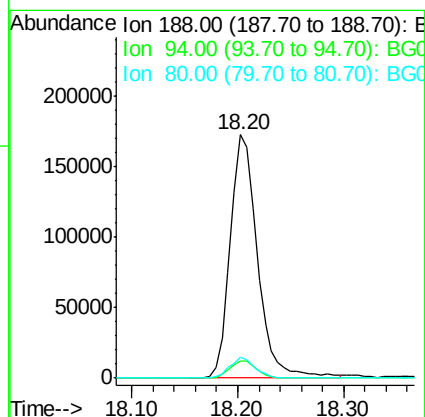
Instrument :
BNA_G
ClientSampleId :

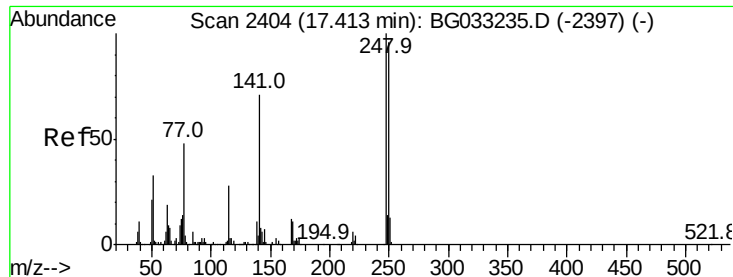
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	42.0	63.0#
89	2.3	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BG033702.D
Acq: 10 Apr 2018 5:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.7	7.7	11.5

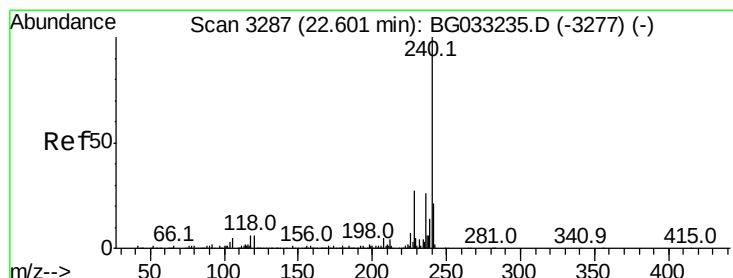
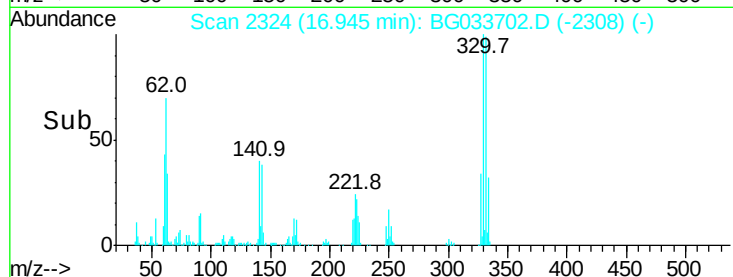
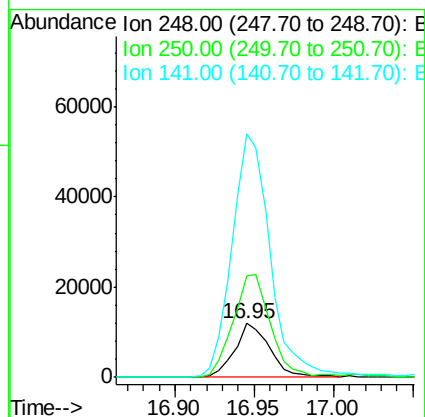
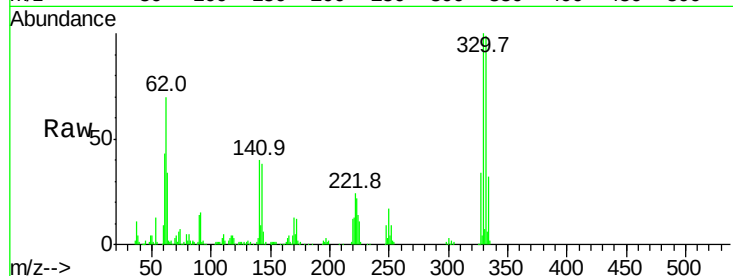




#66
4-Bromophenyl-phenylether
Concen: 5.082 ng
RT: 16.95 min Scan# 2324
Delta R.T. -0.44 min
Lab File: BG033702.D
Acq: 10 Apr 2018 5:48

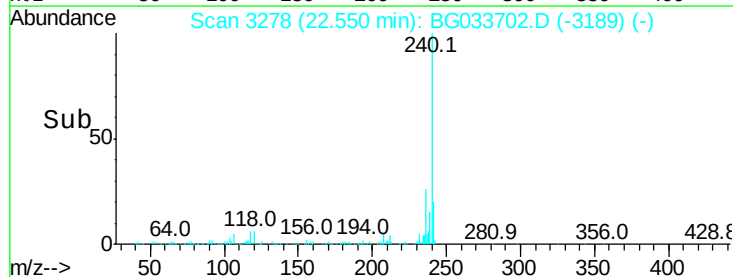
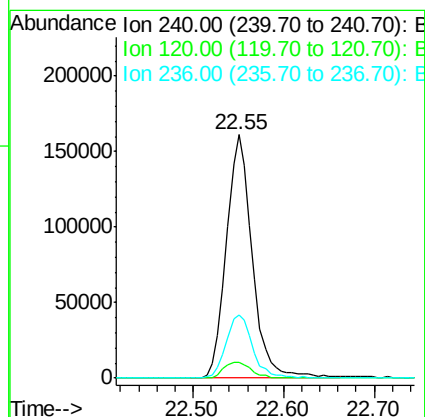
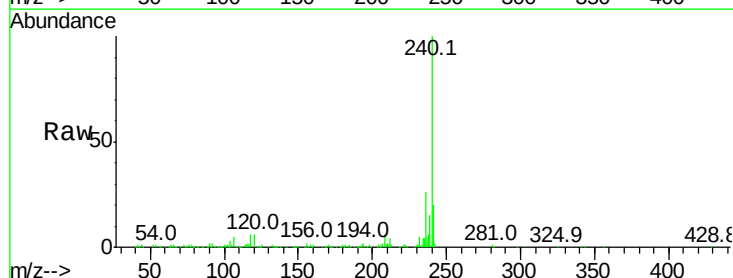
Instrument :
BNA_G
ClientSampleId :

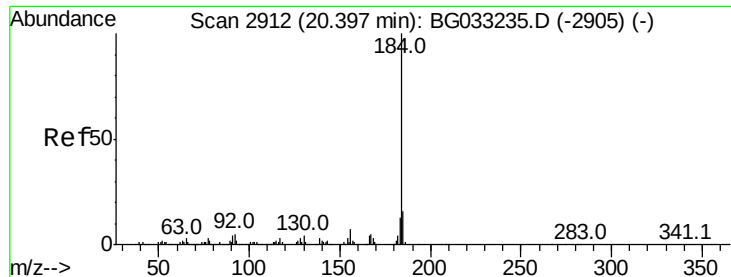
Tot Ion:248 Resp: 18434
Ion Ratio Lower Upper
248 100
250 187.6 77.1 115.7#
141 452.5 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033702.D
Acq: 10 Apr 2018 5:48

Tgt Ion:240 Resp: 319746
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 26.1 20.9 31.3





#76

Benzidine

Concen: 3.328 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033702.D

Acq: 10 Apr 2018 5:48

Instrument :

BNA_G

ClientSampleId :

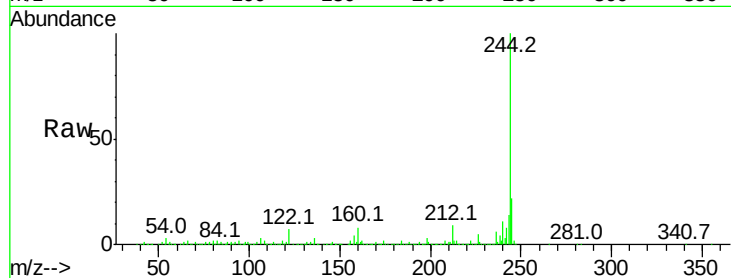
Tot Ion:184 Resp: 28861

Ion	Ratio	Lower	Upper
184	100		
185	11.3	11.1	16.7
183	12.7	10.6	16.0

184 100

185 11.3 11.1 16.7

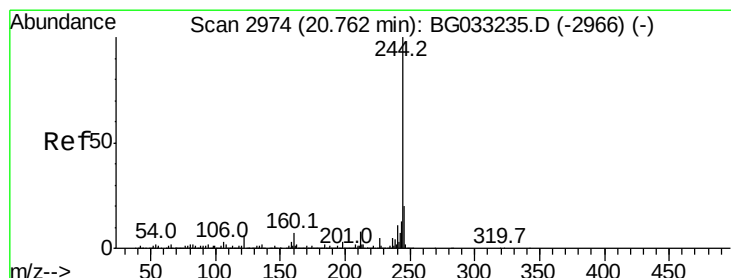
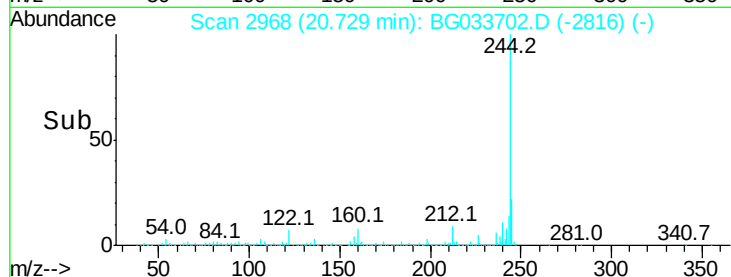
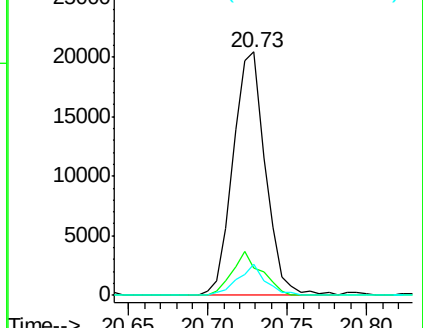
183 12.7 10.6 16.0



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: 109.217 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033702.D

Acq: 10 Apr 2018 5:48

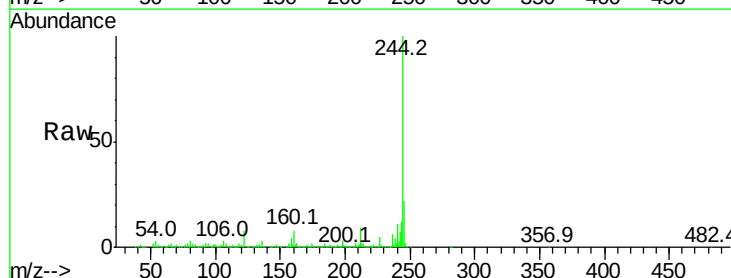
Tgt Ion:244 Resp: 1632922

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	8.0	7.0	10.4

244 100

212 8.9 5.8 8.8#

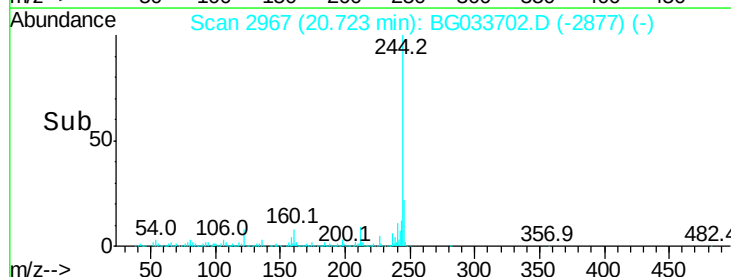
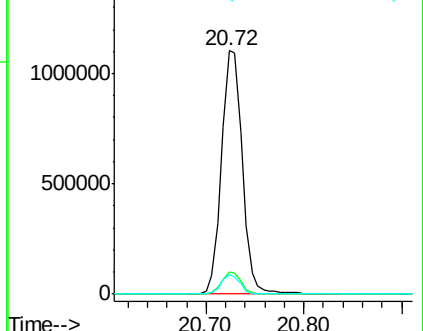
122 8.0 7.0 10.4

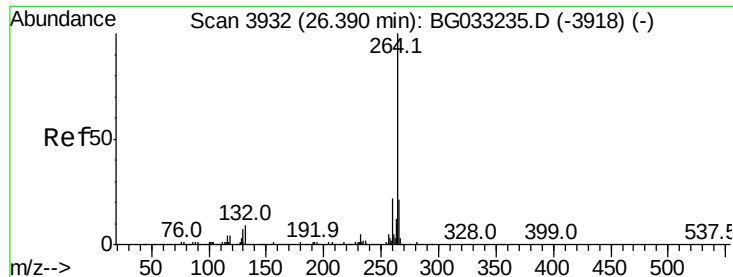


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.31 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BG033702.D
Acq: 10 Apr 2018 5:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	23.6	17.7	26.5

