

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033830.D
 Acq On : 17 Apr 2018 1:01
 Operator : SJ/JU
 Sample : J2391-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 04:08:04 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

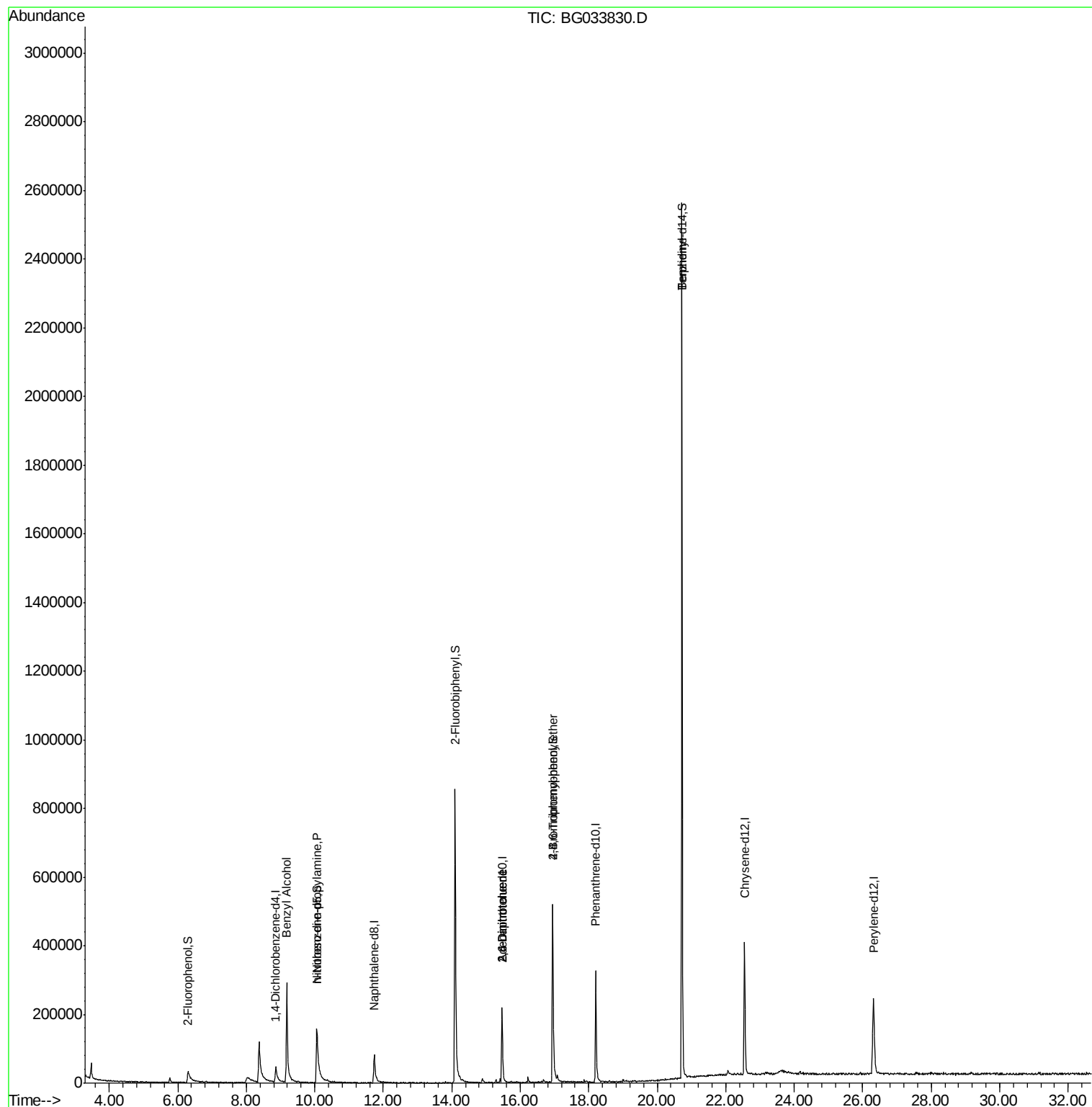
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	23682	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	100939	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	97668	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	278864	20.00	ng	0.00
75) Chrysene-d12	22.55	240	295110	20.00	ng	0.00
86) Perylene-d12	26.32	264	316153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	43944	34.79	ng	0.00
7) Phenol-d6	8.22	99	1165	0.54	ng	0.23
23) Nitrobenzene-d5	10.06	82	230203	104.78	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	141407	96.81	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	655675	96.92	ng	0.00
78) Terphenyl-d14	20.72	244	1385258	100.39	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	3701	2.166	ng	# 43
19) n-Nitroso-di-n-propylamine	10.06	70	24666	15.512	ng	# 73
50) 2,6-Dinitrotoluene	15.47	165	12166	7.000	ng	# 23
56) 2,4-Dinitrotoluene	15.47	165	12166	4.754	ng	# 21
66) 4-Bromophenyl-phenylether	16.95	248	10060	3.072	ng	# 1
76) Benzidine	20.72	184	22173	2.771	ng	# 91

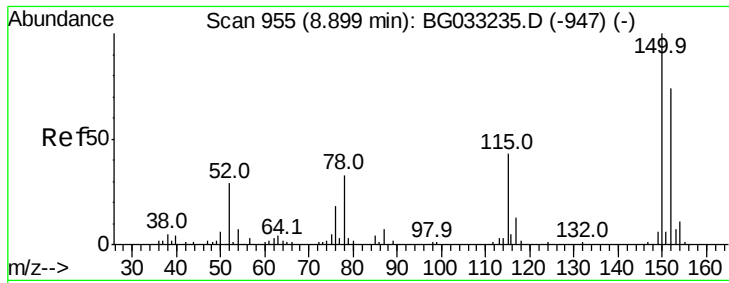
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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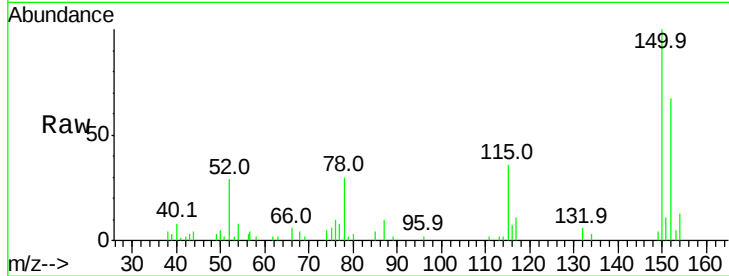


#1

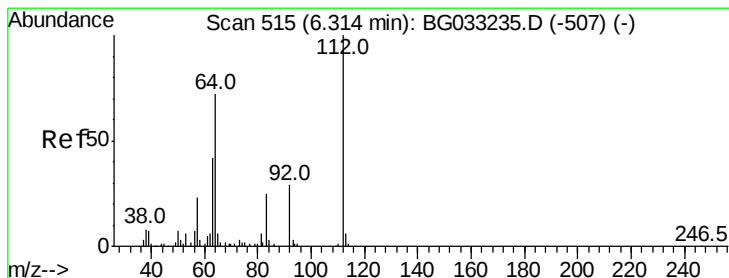
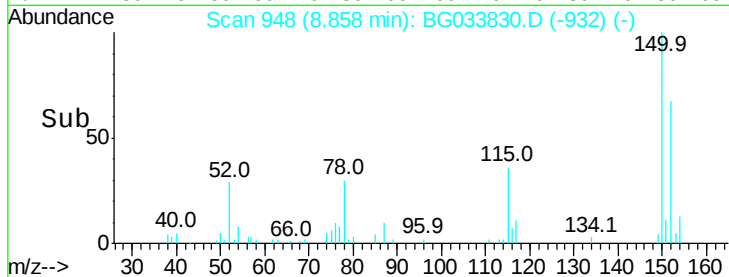
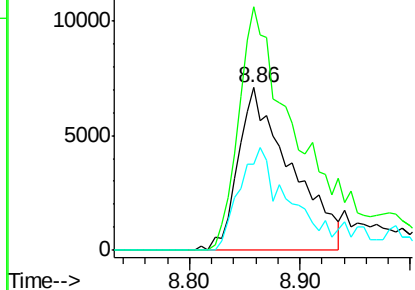
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033830.D
Acq: 17 Apr 2018 1:01

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 23682
Ion Ratio Lower Upper
152 100
150 149.8 126.6 189.8
115 53.3 53.0 79.4



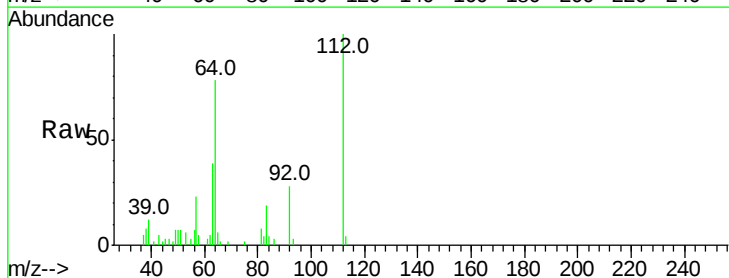
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



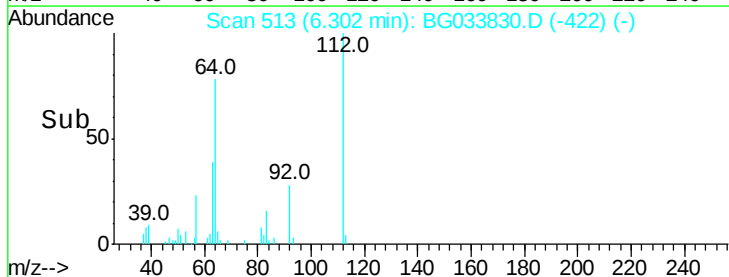
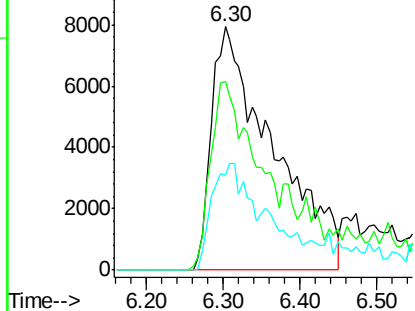
#5

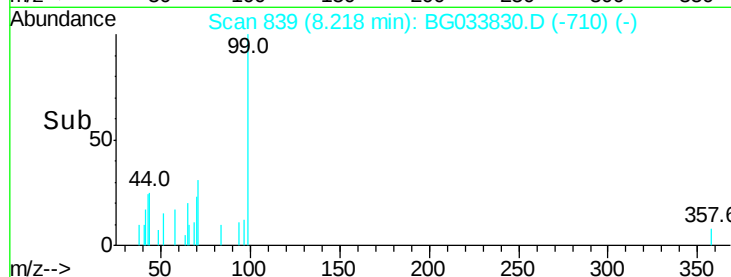
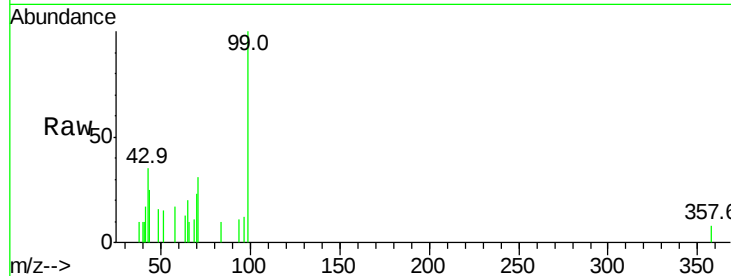
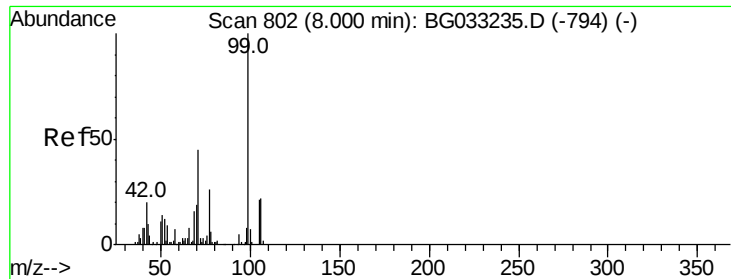
2-Fluorophenol
Concen: 34.794 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033830.D
Acq: 17 Apr 2018 1:01

Tgt Ion:112 Resp: 43944
Ion Ratio Lower Upper
112 100
64 77.6 56.3 84.5
63 39.1 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: 0.537 ng

RT: 8.22 min Scan# 839

Delta R.T. 0.23 min

Lab File: BG033830.D

Acq: 17 Apr 2018 1:01

Instrument :

BNA_G

ClientSampleId :

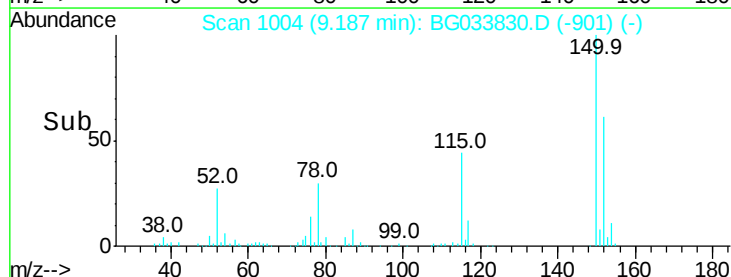
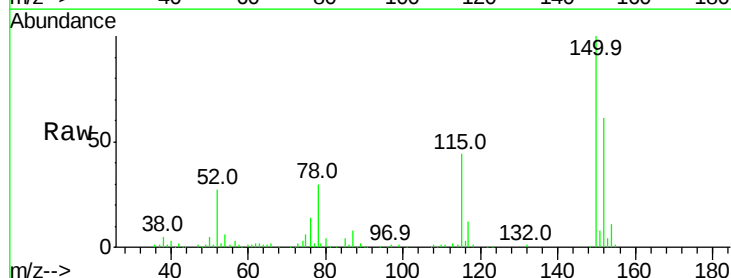
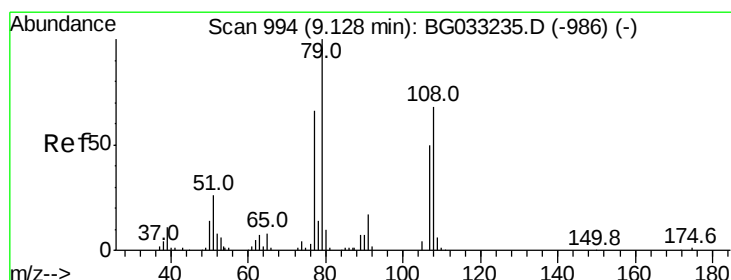
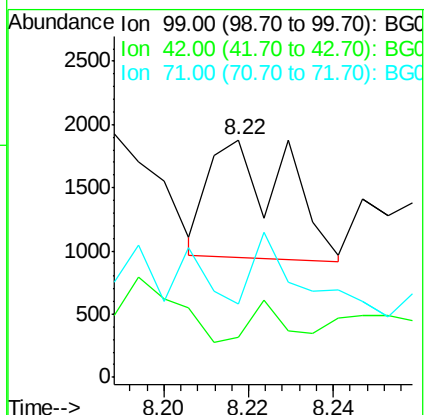
Tot Ion: 99 Resp: 1165

Ion Ratio Lower Upper

99 100

42 17.1 14.1 21.1

71 30.6 26.1 39.1



#15

Benzyl Alcohol

Concen: 2.166 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.08 min

Lab File: BG033830.D

Acq: 17 Apr 2018 1:01

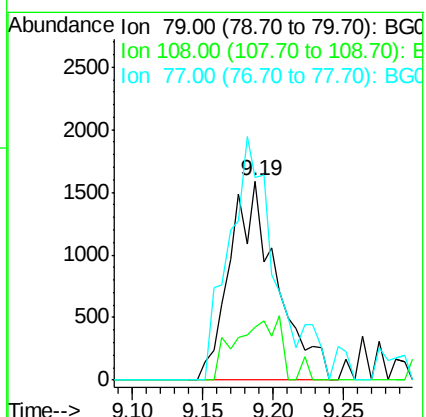
Tgt Ion: 79 Resp: 3701

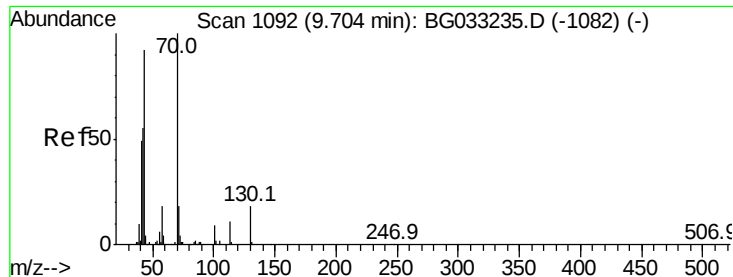
Ion Ratio Lower Upper

79 100

108 26.3 57.2 85.8#

77 102.0 46.1 69.1#

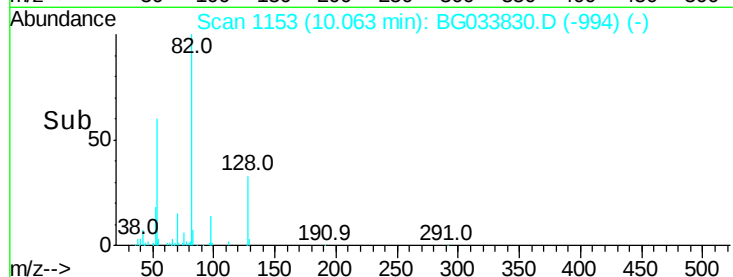
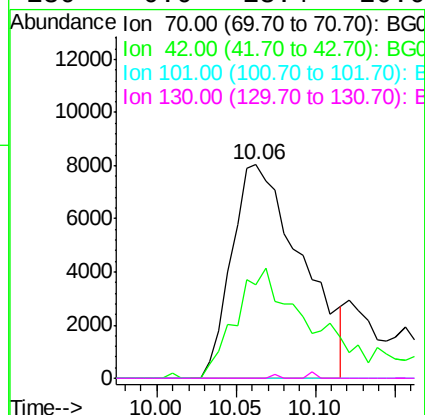
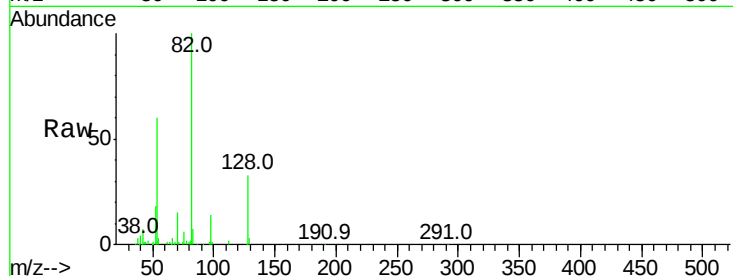




#19
n-Nitroso-di-n-propylamine
Concen: 15.512 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.41 min
Lab File: BG033830.D
Acq: 17 Apr 2018 1:01

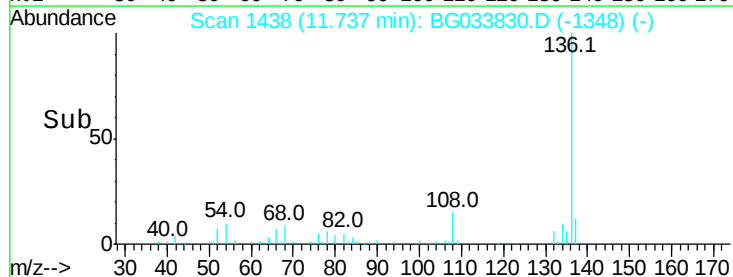
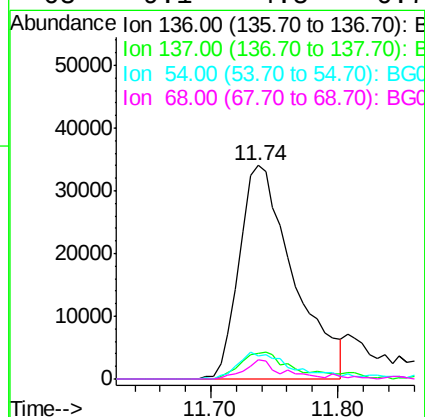
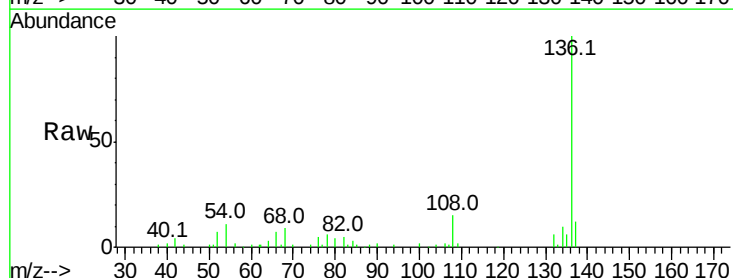
Instrument :
BNA_G
ClientSampleId :

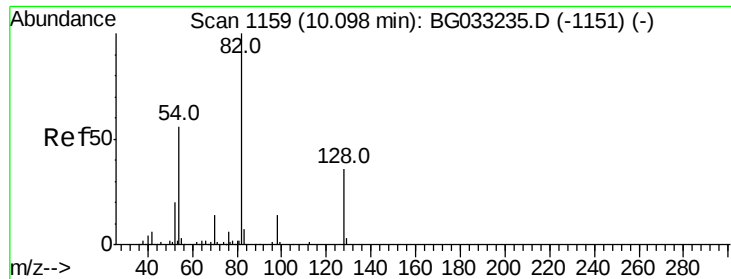
Tot Ion: 70 Resp: 24666
Ion Ratio Lower Upper
70 100
42 43.8 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033830.D
Acq: 17 Apr 2018 1:01

Tgt Ion: 136 Resp: 100939
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 10.7 10.3 15.5
68 9.1 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 104.781 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033830.D

Acq: 17 Apr 2018 1:01

Instrument :

BNA_G

ClientSampleId :

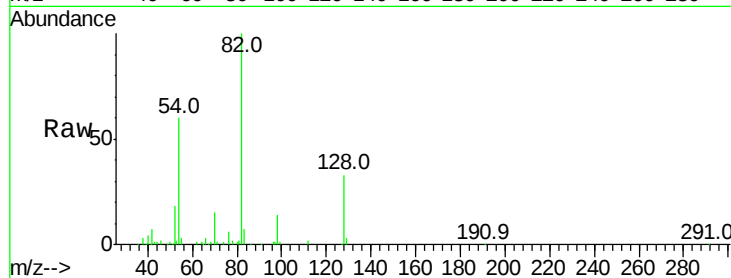
Tot Ion: 82 Resp: 230203

Ion Ratio Lower Upper

82 100

128 33.1 29.7 44.5

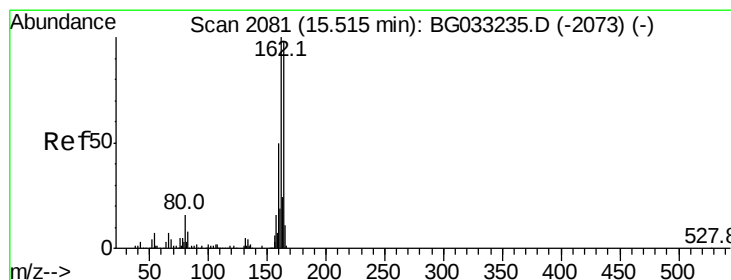
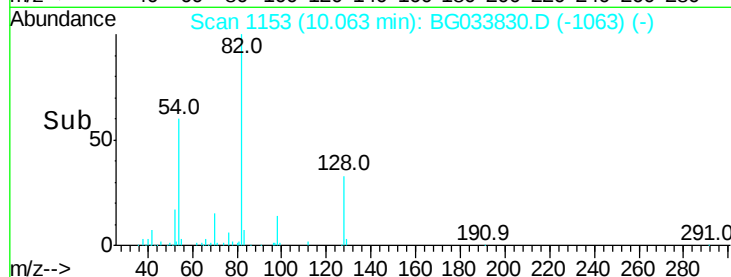
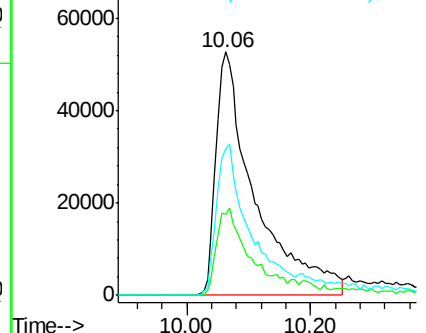
54 60.3 43.1 64.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG033830.D

Acq: 17 Apr 2018 1:01

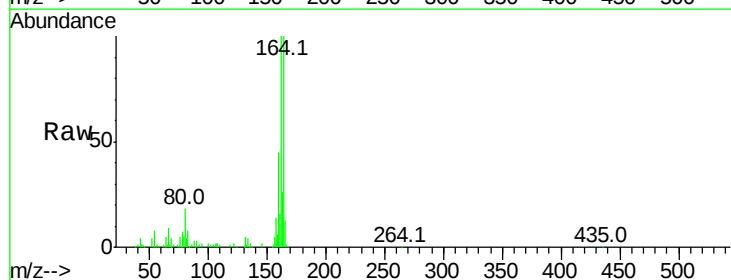
Tgt Ion: 164 Resp: 97668

Ion Ratio Lower Upper

164 100

162 100.1 78.8 118.2

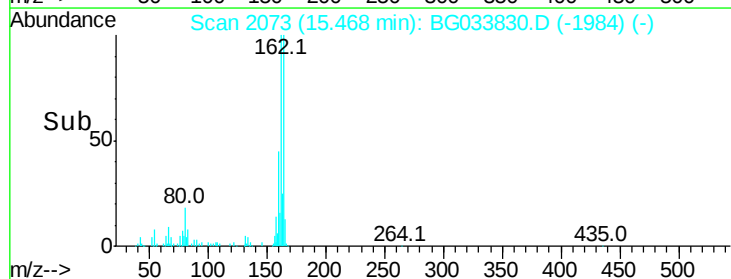
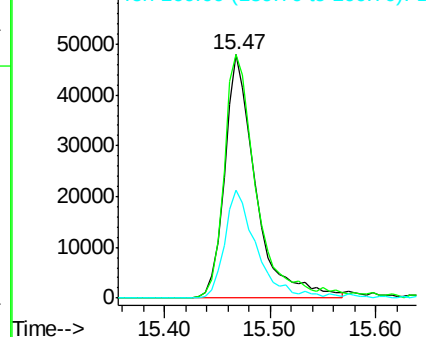
160 44.6 35.4 53.0



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

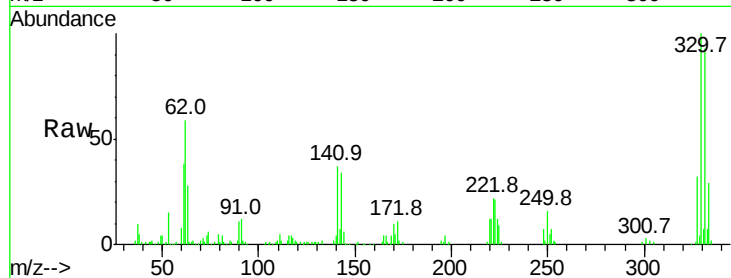




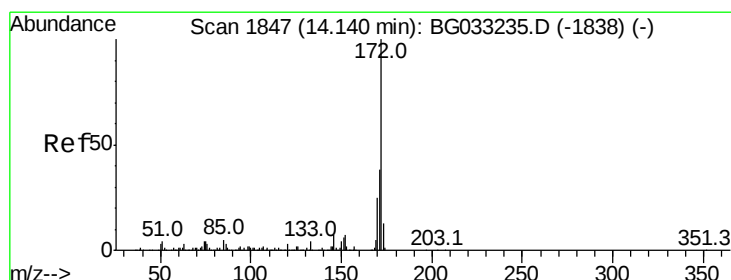
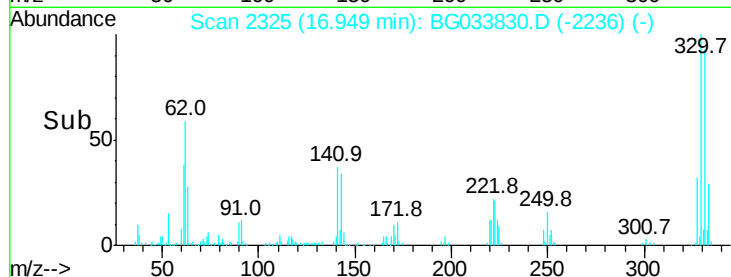
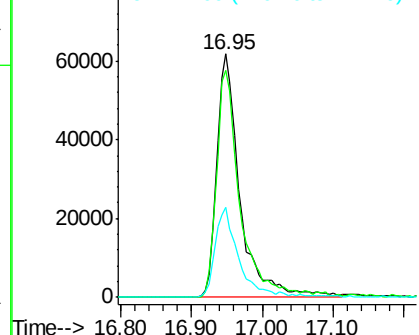
#41
 2,4,6-Tribromophenol
 Concen: 96.805 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033830.D
 Acq: 17 Apr 2018 1:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 141407
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.0 115.6
 141 37.2 25.2 37.8

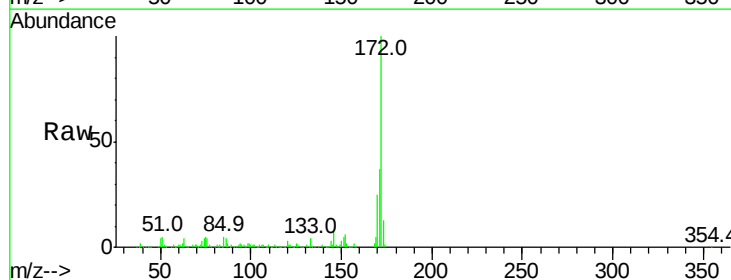


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

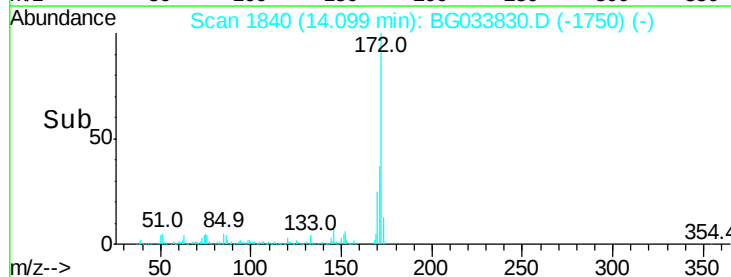
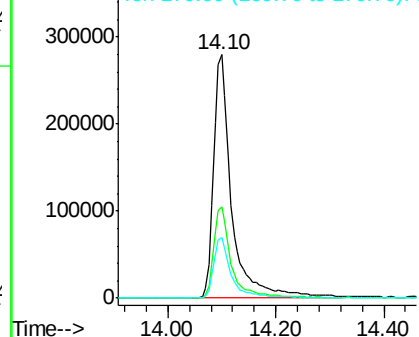


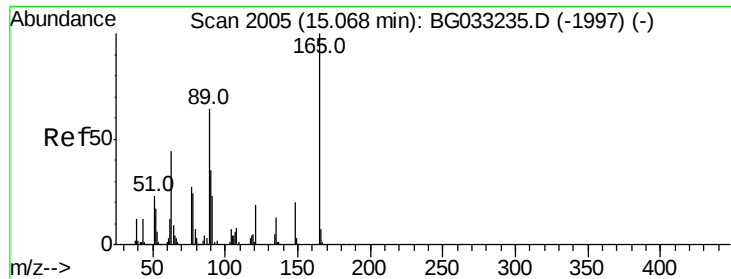
#44
 2-Fluorobiphenyl
 Concen: 96.916 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033830.D
 Acq: 17 Apr 2018 1:01

Tgt Ion:172 Resp: 655675
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.9 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

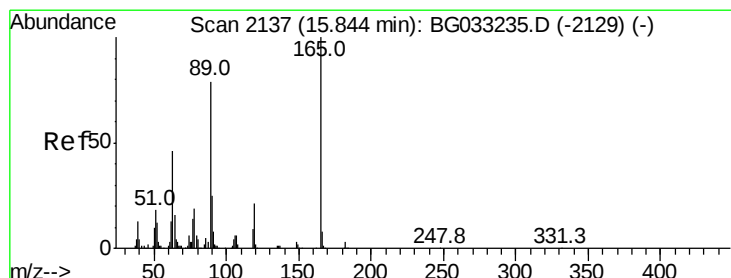
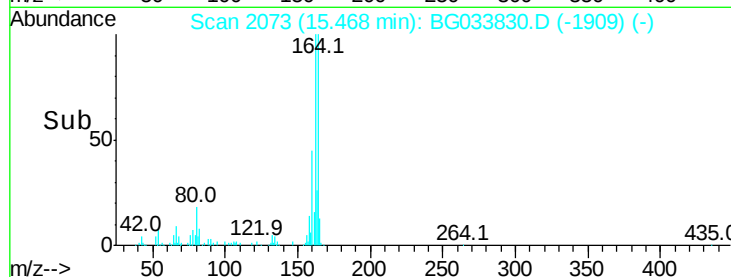
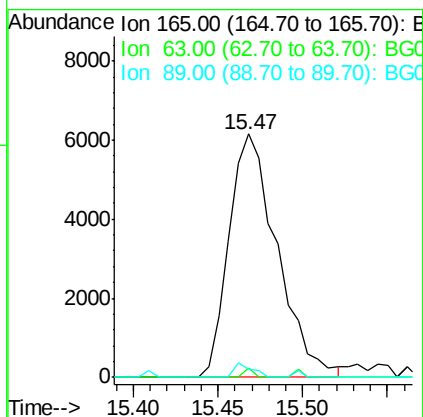
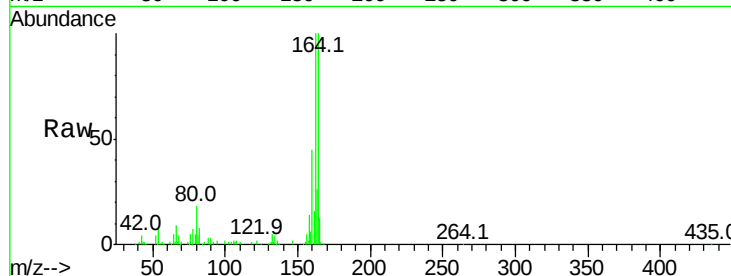




#50
2,6-Dinitrotoluene
Concen: 7.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.43 min
Lab File: BG033830.D
Acq: 17 Apr 2018 1:01

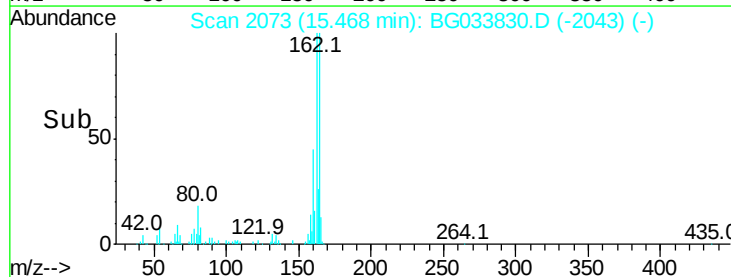
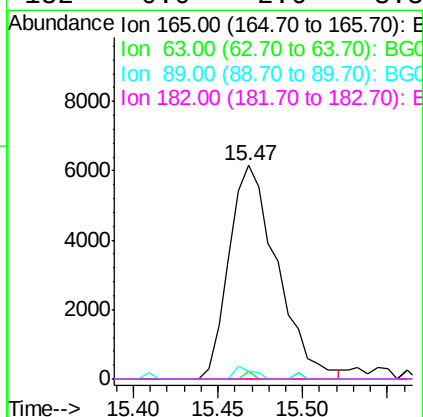
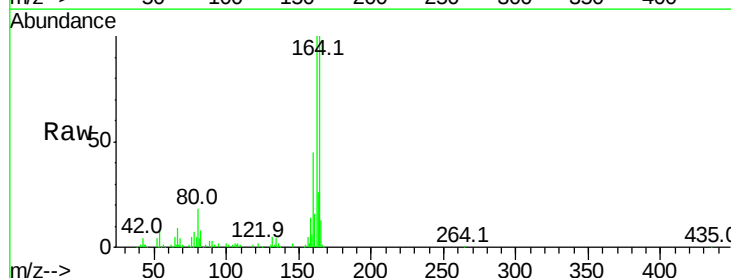
Instrument :
BNA_G
ClientSampleId :

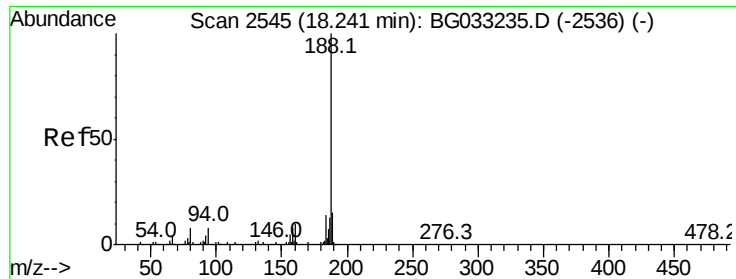
Tot Ion:165 Resp: 12166
Ion Ratio Lower Upper
165 100
63 3.8 52.7 79.1#
89 3.5 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 4.754 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.35 min
Lab File: BG033830.D
Acq: 17 Apr 2018 1:01

Tgt Ion:165 Resp: 12166
Ion Ratio Lower Upper
165 100
63 3.8 42.0 63.0#
89 3.5 66.9 100.3#
182 0.0 2.6 3.8#

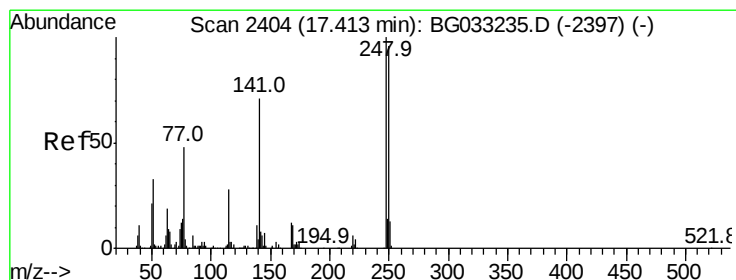
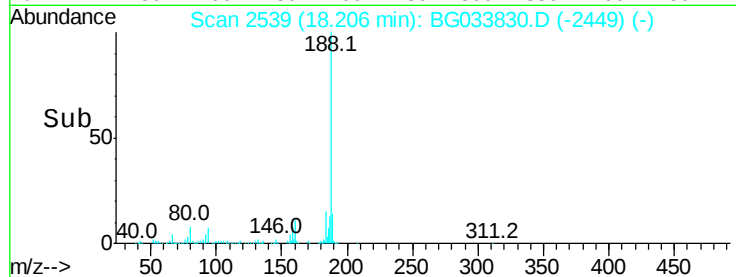
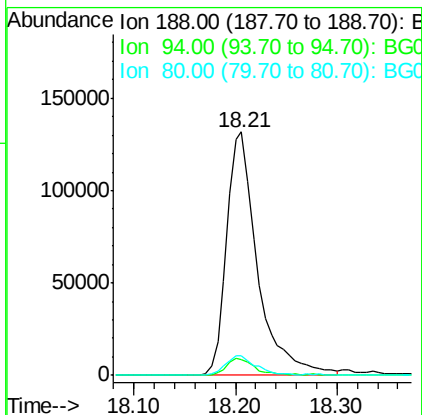
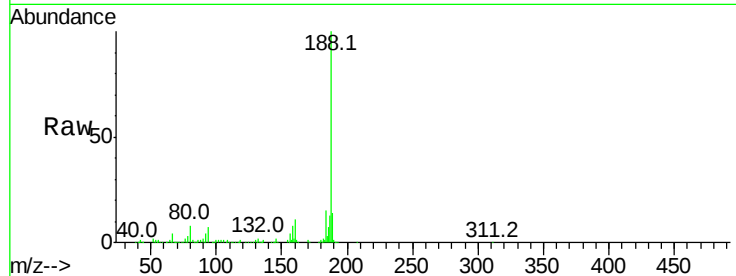




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG033830.D
 Acq: 17 Apr 2018 1:01

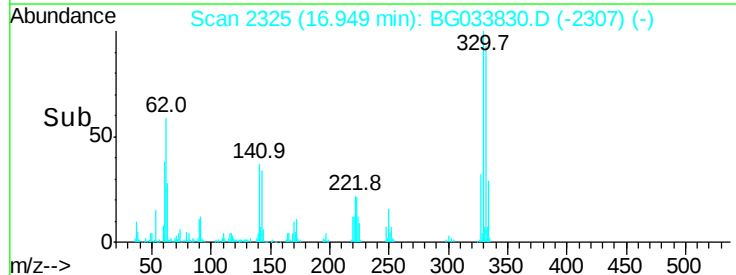
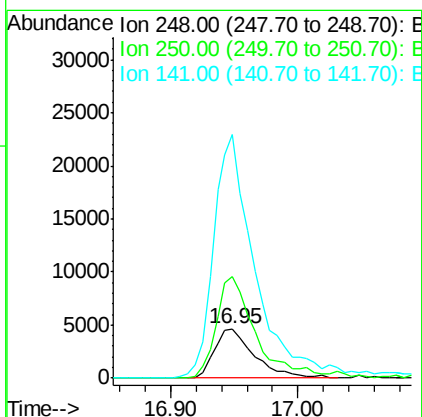
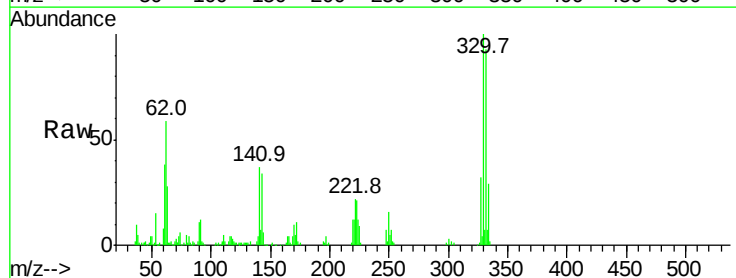
Instrument :
 BNA_G
 ClientSampleId :

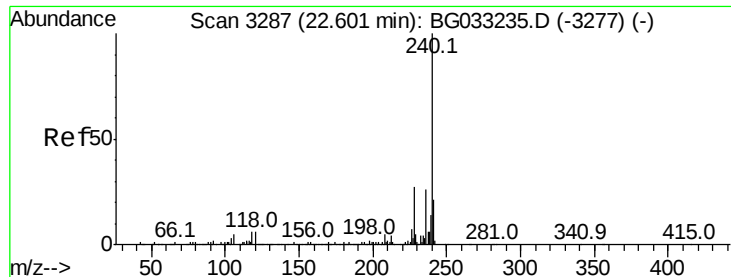
Tot Ion:188 Resp: 278864
 Ion Ratio Lower Upper
 188 100
 94 6.7 6.9 10.3#
 80 8.2 7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 3.072 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.42 min
 Lab File: BG033830.D
 Acq: 17 Apr 2018 1:01

Tgt Ion:248 Resp: 10060
 Ion Ratio Lower Upper
 248 100
 250 161.6 77.1 115.7#
 141 385.3 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: BG033830.D

Acq: 17 Apr 2018 1:01

Instrument :

BNA_G

ClientSampleId :

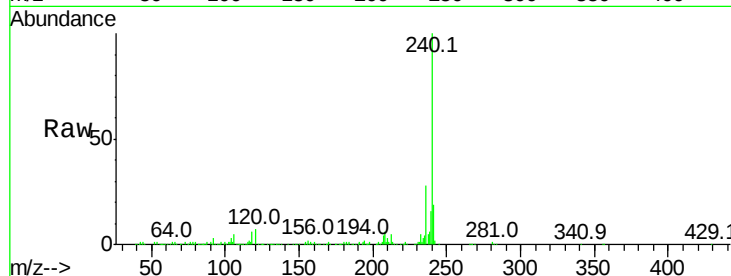
Tot Ion:240 Resp: 295110

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

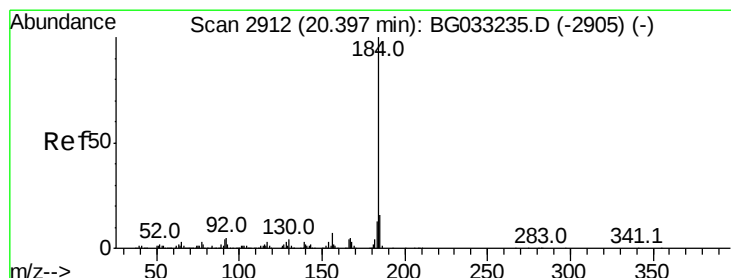
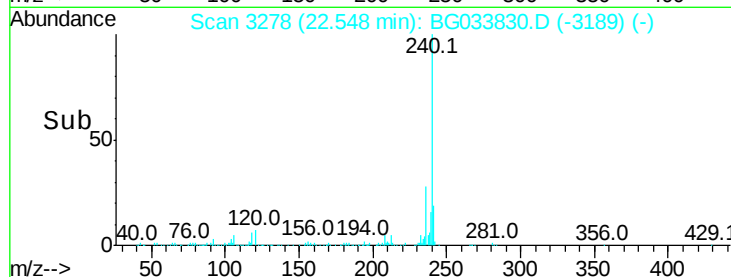
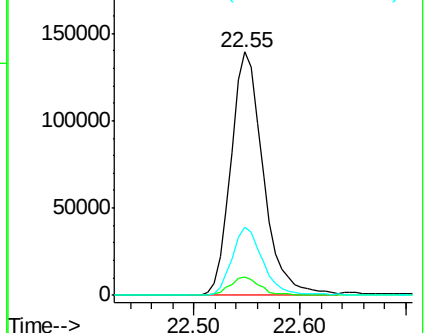
236 28.1 20.9 31.3



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: 2.771 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.35 min

Lab File: BG033830.D

Acq: 17 Apr 2018 1:01

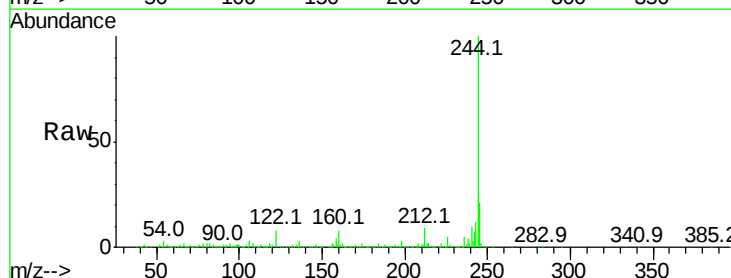
Tgt Ion:184 Resp: 22173

Ion Ratio Lower Upper

184 100

185 12.5 11.1 16.7

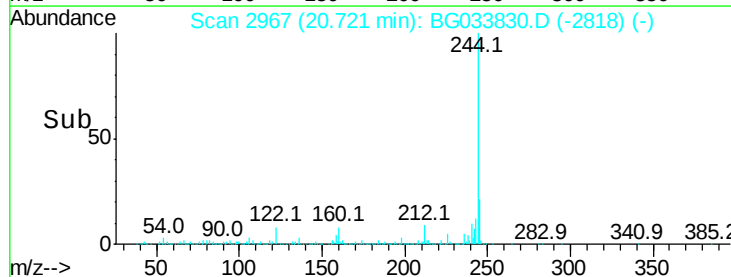
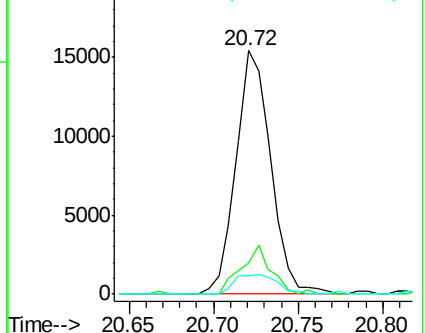
183 7.5 10.6 16.0#

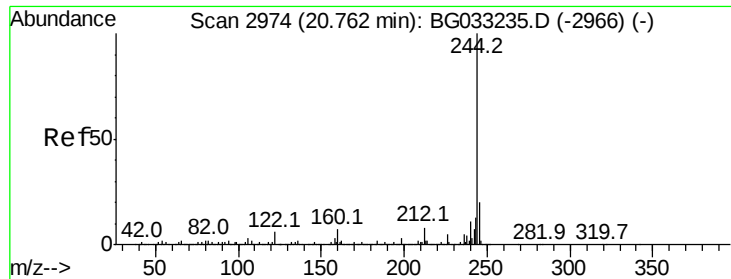


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



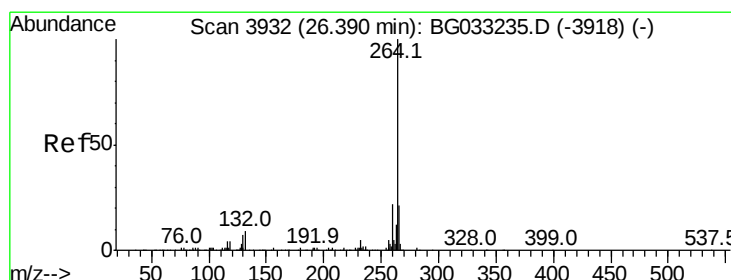
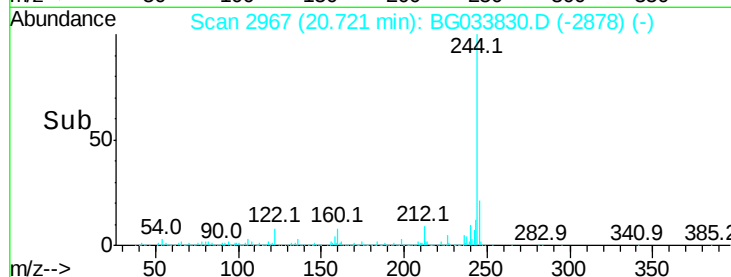
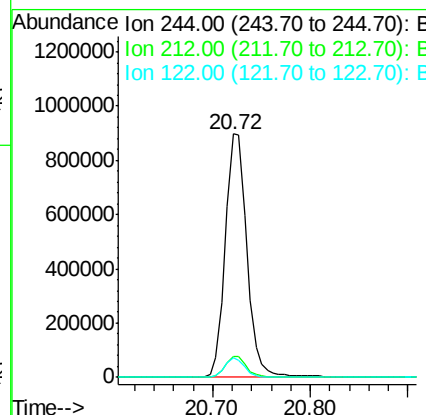
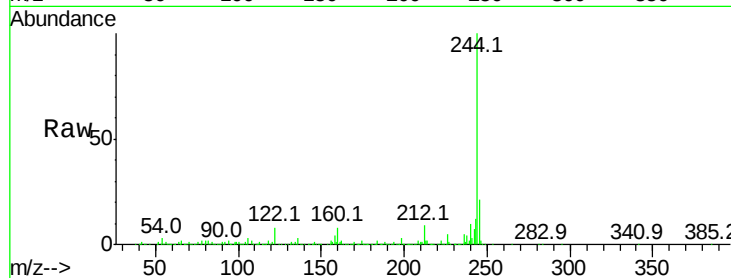


#78
 Terphenyl-d14
 Concen: 100.387 ng
 RT: 20.72 min Scan# 2967
 Delta R.T. -0.01 min
 Lab File: BG033830.D
 Acq: 17 Apr 2018 1:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1385258

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.8	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BG033830.D
 Acq: 17 Apr 2018 1:01

Tgt Ion:264 Resp: 316153

Ion	Ratio	Lower	Upper
264	100		
260	25.9	17.4	26.0
265	22.0	17.7	26.5

