

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033858.D
 Acq On : 17 Apr 2018 23:30
 Operator : SJ/JU
 Sample : PB108313BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 04:05:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 18:35:38 2018
 Response via : Initial Calibration

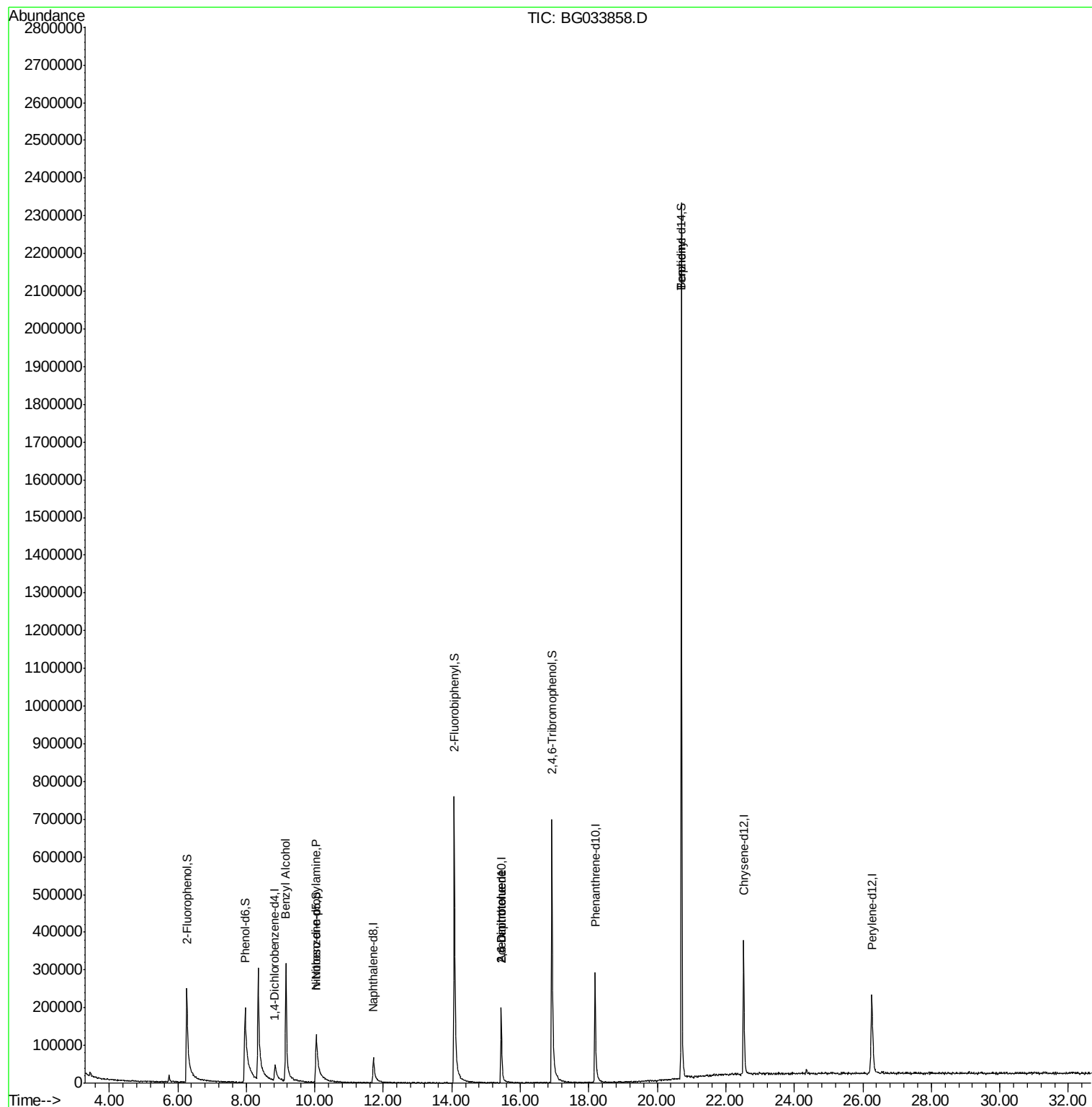
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.84	152	22431	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	119024	20.00	ng	0.00
38) Acenaphthene-d10	15.44	164	101195	20.00	ng	0.00
63) Phenanthrene-d10	18.18	188	301948	20.00	ng	0.00
75) Chrysene-d12	22.52	240	299024	20.00	ng	-0.02
86) Perylene-d12	26.27	264	329696	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.27	112	214848	179.60	ng	0.00
7) Phenol-d6	7.96	99	317738	154.59	ng	0.00
23) Nitrobenzene-d5	10.04	82	212744	82.12	ng	0.00
41) 2,4,6-Tribromophenol	16.92	330	212500	140.40	ng	0.00
44) 2-Fluorobiphenyl	14.07	172	653217	93.19	ng	0.00
78) Terphenyl-d14	20.70	244	1312309	93.86	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.16	79	3977	2.458	ng	# 56
19) n-Nitroso-di-n-propylamine	10.04	70	25330	16.818	ng	# 81
50) 2,6-Dinitrotoluene	15.44	165	12871	7.148	ng	# 20
56) 2,4-Dinitrotoluene	15.44	165	13197	4.977	ng	# 18
76) Benzidine	20.70	184	21972	2.710	ng	# 95

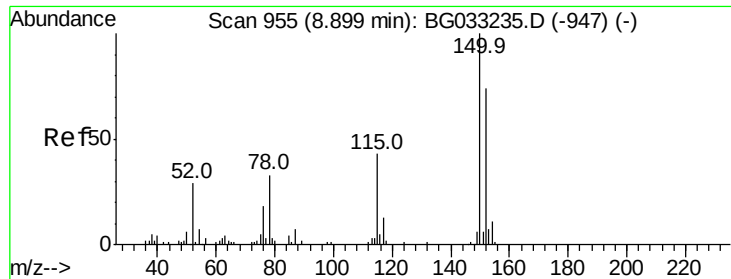
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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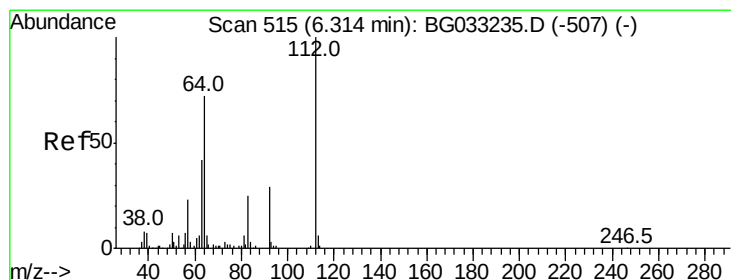
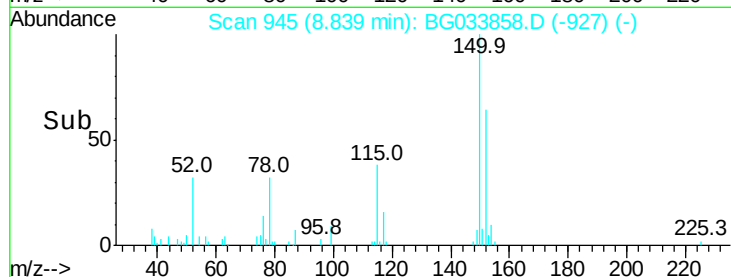
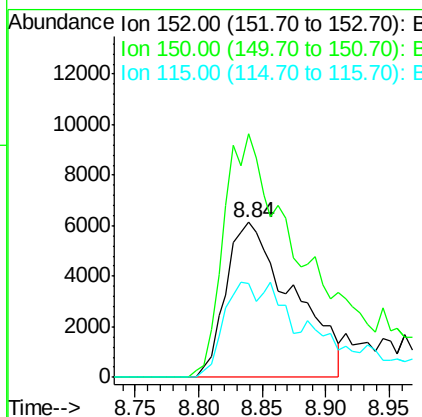
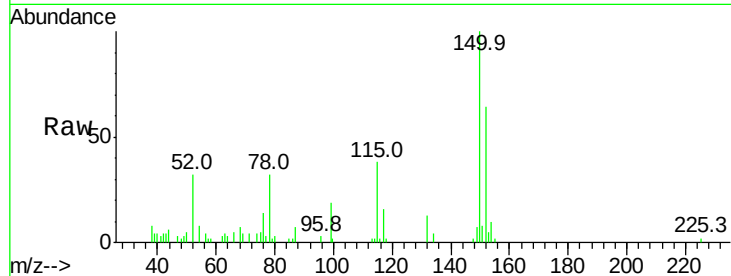


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.84 min Scan# 945
Delta R.T. 0.01 min
Lab File: BG033858.D
Acq: 17 Apr 2018 23:30

Instrument :
BNA_G
ClientSampleId :

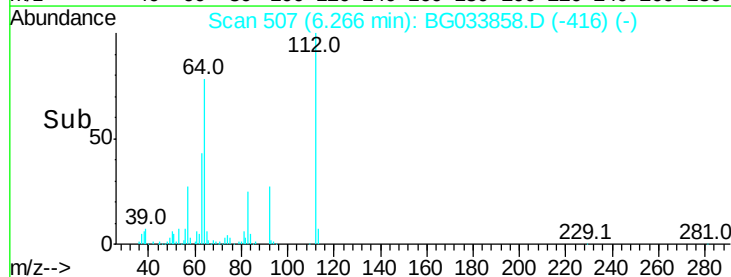
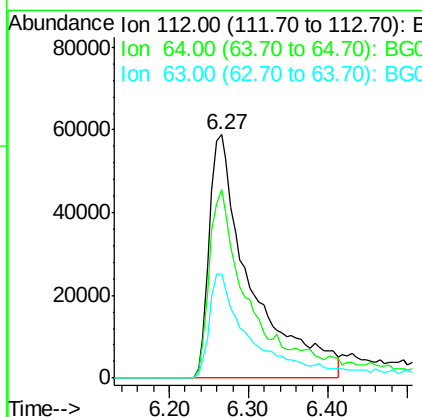
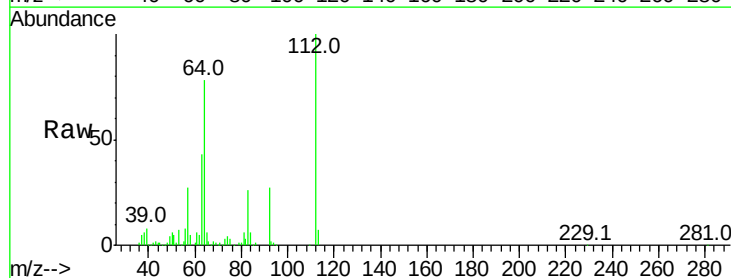
Tot Ion:152 Resp: 22431
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 60.4 53.0 79.4

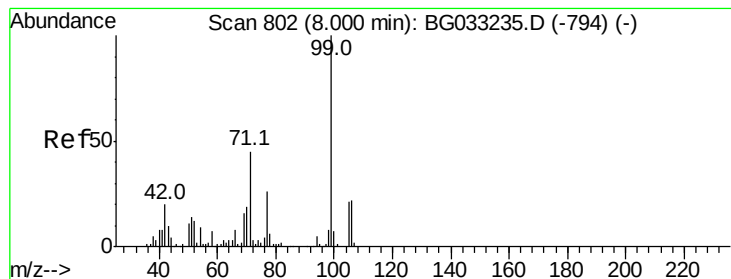


#5

2-Fluorophenol
Concen: 179.602 ng
RT: 6.27 min Scan# 507
Delta R.T. 0.00 min
Lab File: BG033858.D
Acq: 17 Apr 2018 23:30

Tgt Ion:112 Resp: 214848
Ion Ratio Lower Upper
112 100
64 77.7 56.3 84.5
63 42.8 30.1 45.1





#7

Phenol-d6

Concen: 154.588 ng

RT: 7.96 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG033858.D

Acq: 17 Apr 2018 23:30

Instrument :

BNA_G

ClientSampleId :

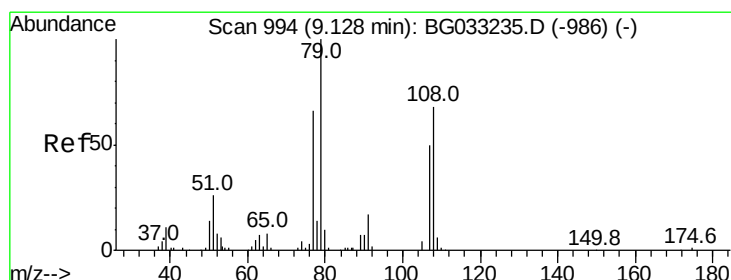
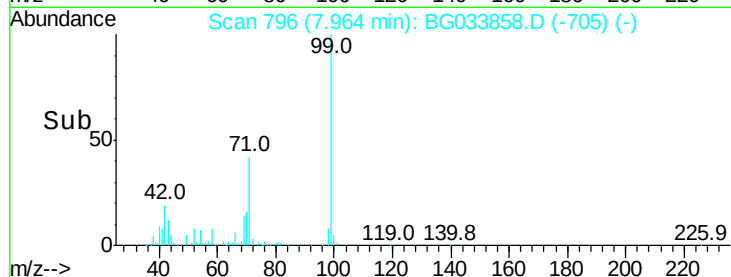
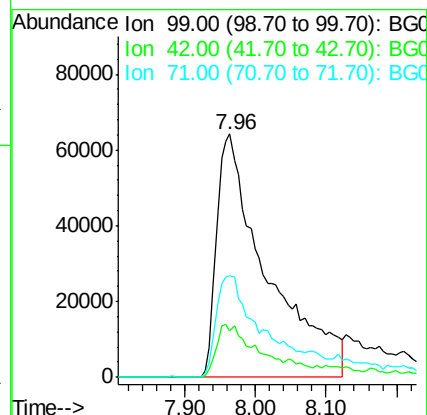
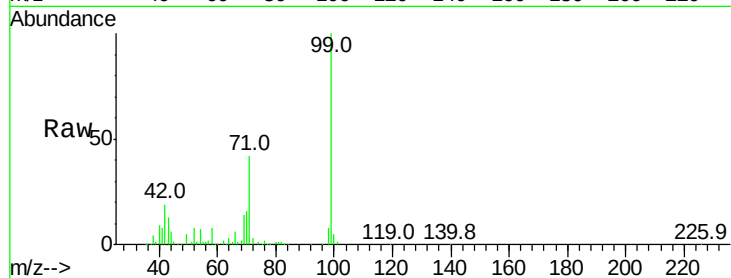
Tot Ion: 99 Resp: 317738

Ion Ratio Lower Upper

99 100

42 19.0 14.1 21.1

71 41.9 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.458 ng

RT: 9.16 min Scan# 999

Delta R.T. 0.07 min

Lab File: BG033858.D

Acq: 17 Apr 2018 23:30

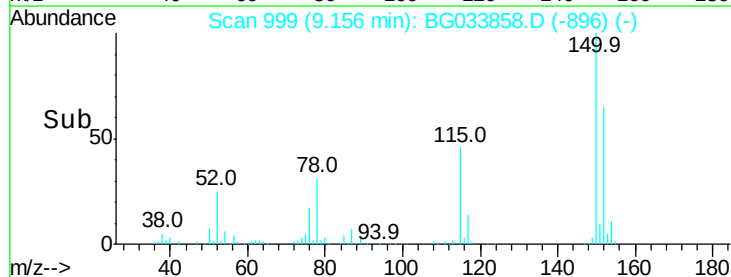
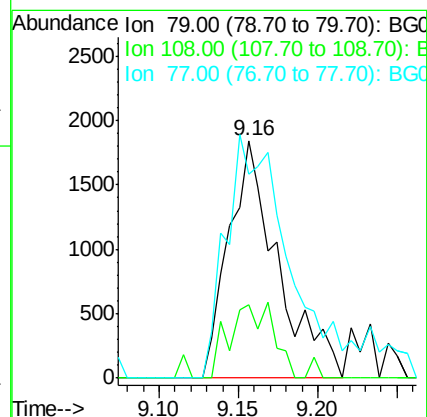
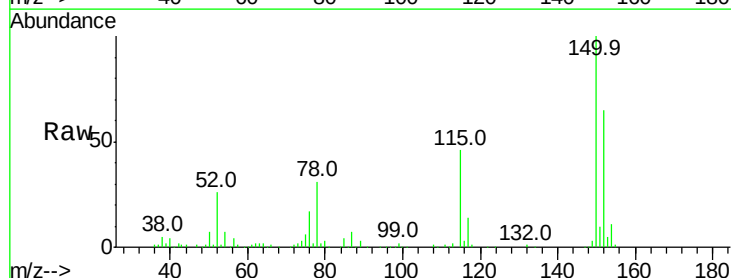
Tgt Ion: 79 Resp: 3977

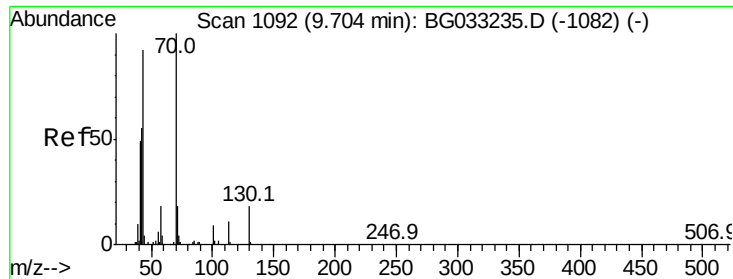
Ion Ratio Lower Upper

79 100

108 30.9 57.2 85.8#

77 86.1 46.1 69.1#

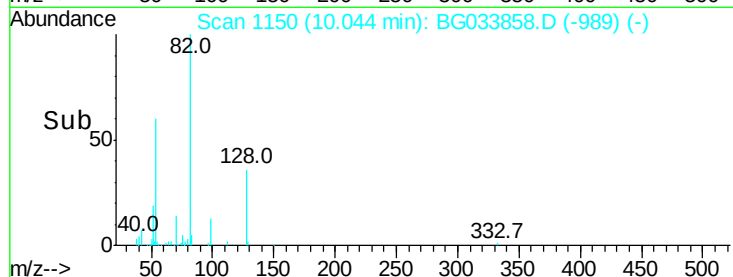
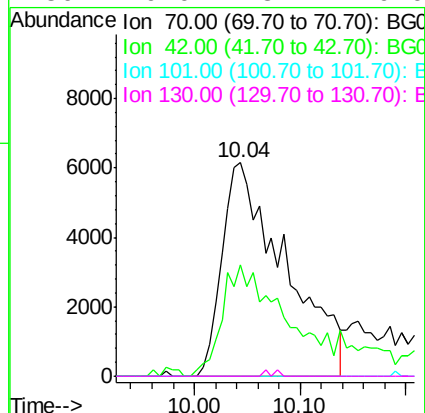
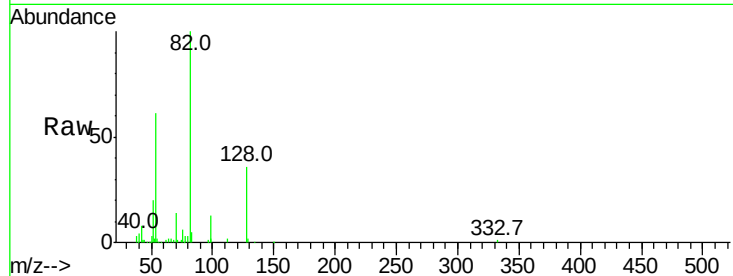




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.818 ng
 RT: 10.04 min Scan# 1150
 Delta R.T. 0.41 min
 Lab File: BG033858.D
 Acq: 17 Apr 2018 23:30

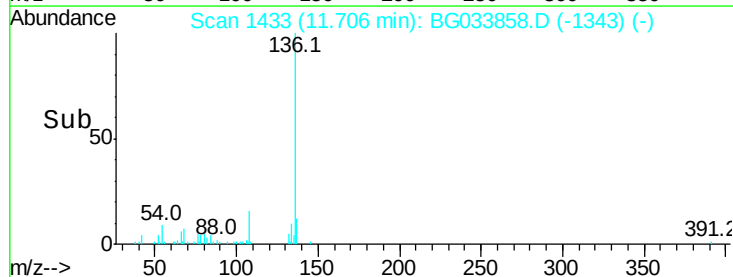
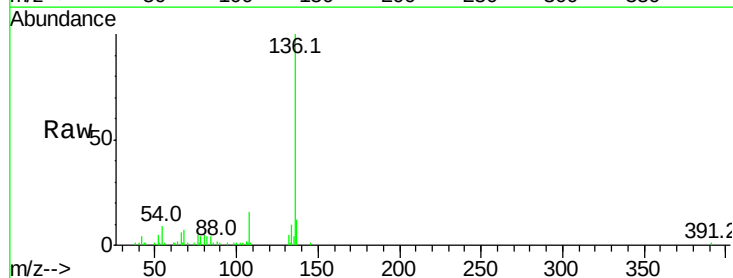
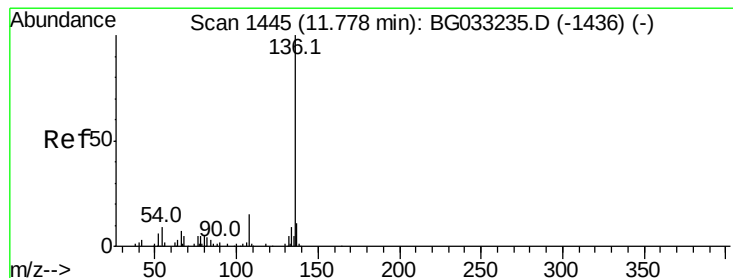
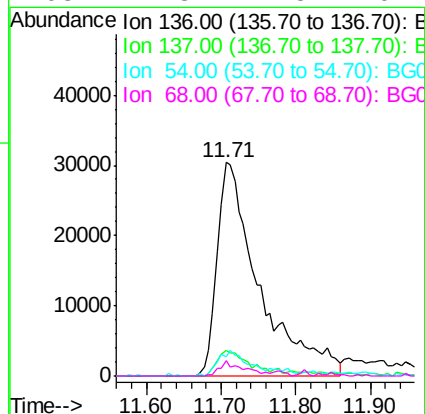
Instrument :
 BNA_G
 ClientSampleId :

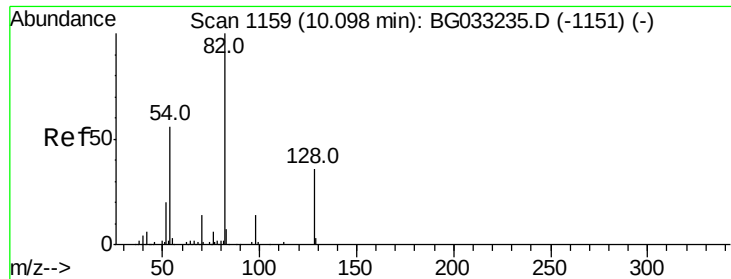
Tot Ion:	70	Resp:	25330
Ion	Ratio	Lower	Upper
70	100		
42	52.4	49.1	73.7
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.71 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BG033858.D
 Acq: 17 Apr 2018 23:30

Tgt Ion:	136	Resp:	119024
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.2	13.8
54	9.2	10.3	15.5#
68	7.3	4.5	6.7#

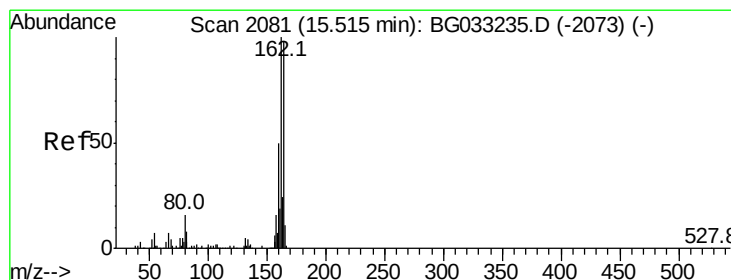
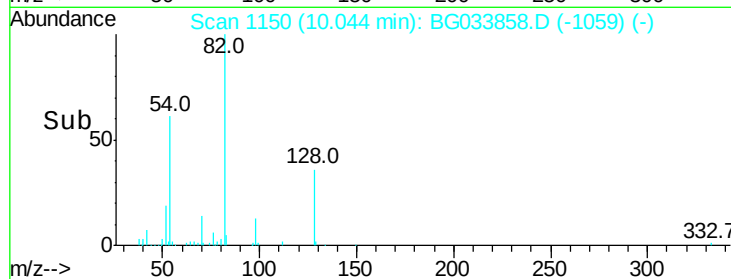
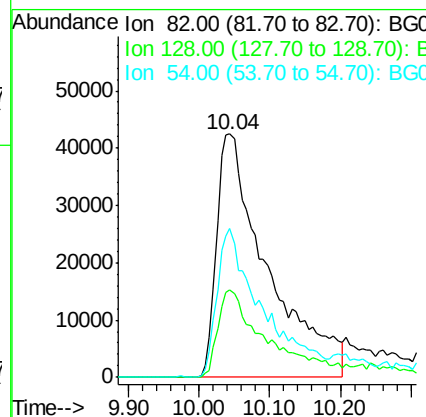
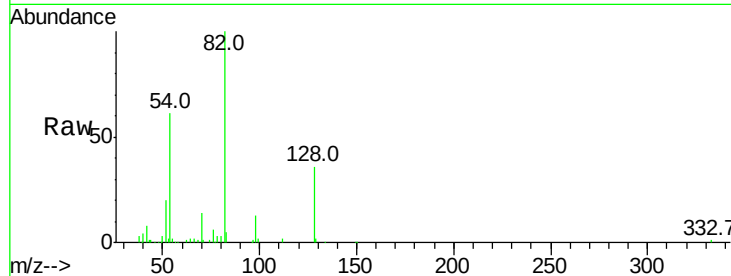




#23
 Nitrobenzene-d5
 Concen: 82.121 ng
 RT: 10.04 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BG033858.D
 Acq: 17 Apr 2018 23:30

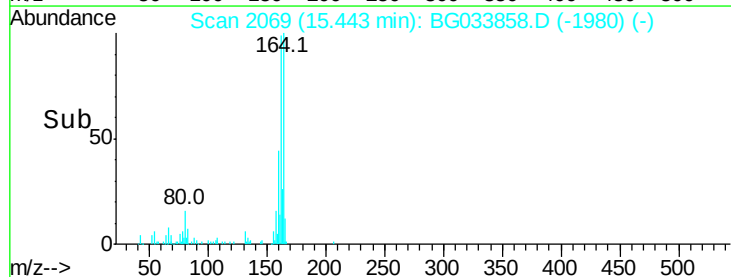
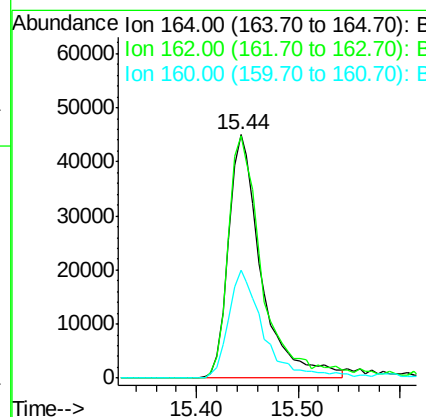
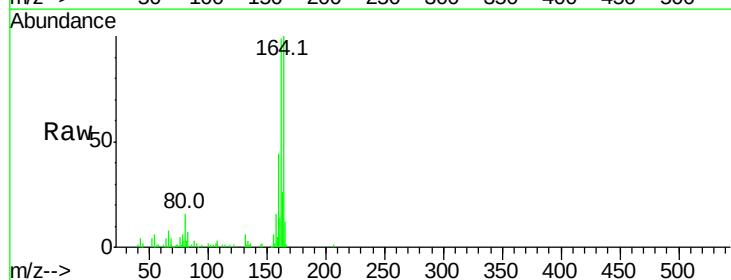
Instrument :
 BNA_G
 ClientSampleId :

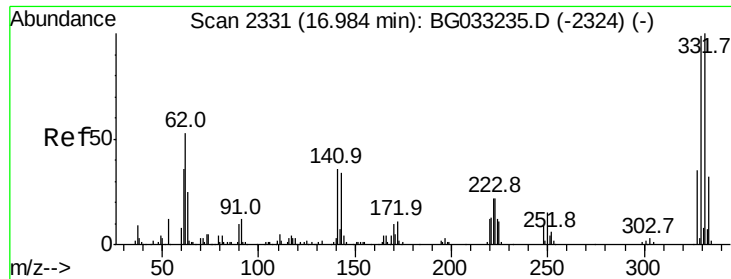
Tot Ion: 82 Resp: 212744
 Ion Ratio Lower Upper
 82 100
 128 36.1 29.7 44.5
 54 61.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG033858.D
 Acq: 17 Apr 2018 23:30

Tgt Ion: 164 Resp: 101195
 Ion Ratio Lower Upper
 164 100
 162 99.4 78.8 118.2
 160 44.4 35.4 53.0

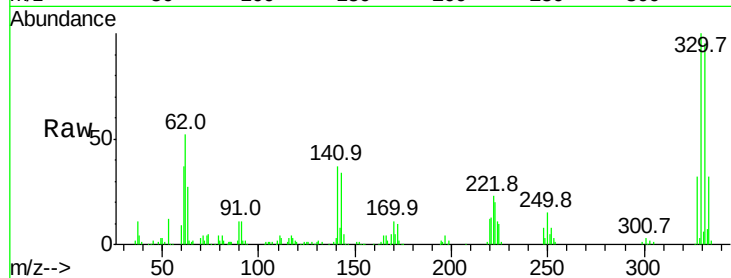




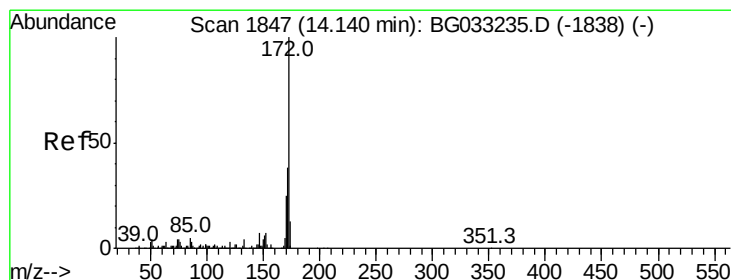
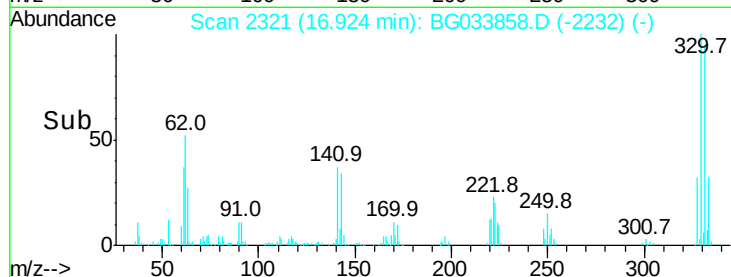
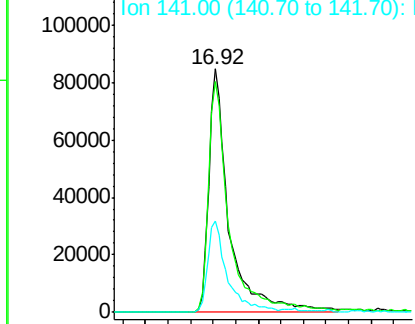
#41
 2,4,6-Tribromophenol
 Concen: 140.404 ng
 RT: 16.92 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG033858.D
 Acq: 17 Apr 2018 23:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 212500
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 36.1 25.2 37.8

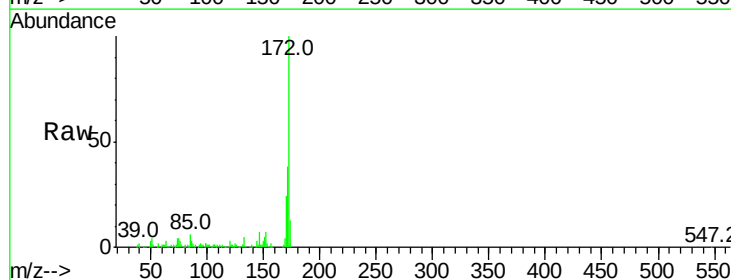


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

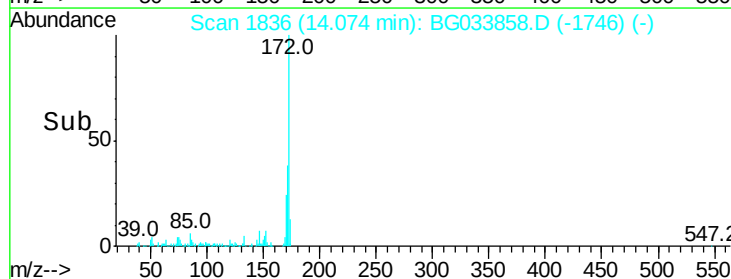
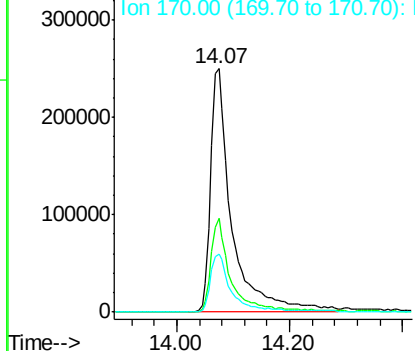


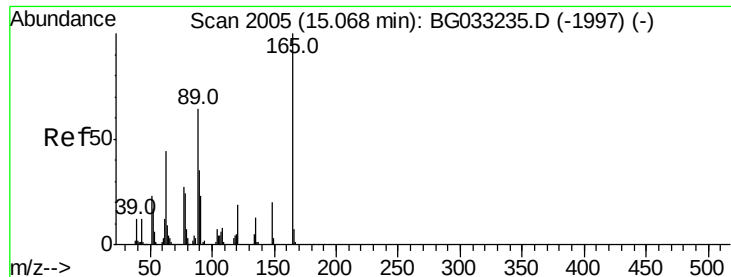
#44
 2-Fluorobiphenyl
 Concen: 93.187 ng
 RT: 14.07 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG033858.D
 Acq: 17 Apr 2018 23:30

Tgt Ion:172 Resp: 653217
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.0 45.0
 170 23.9 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

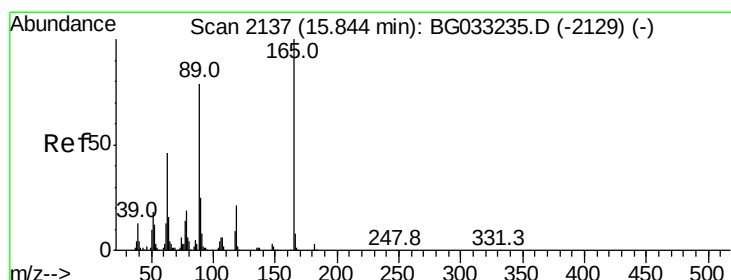
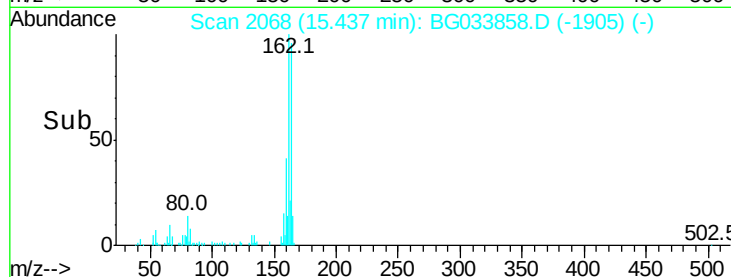
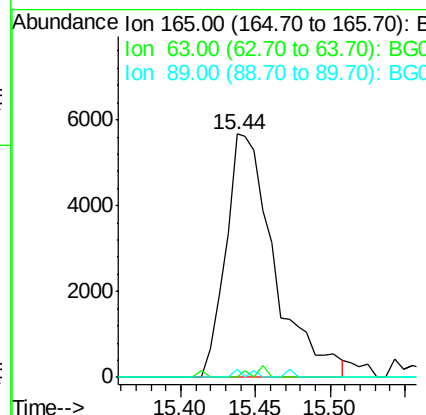
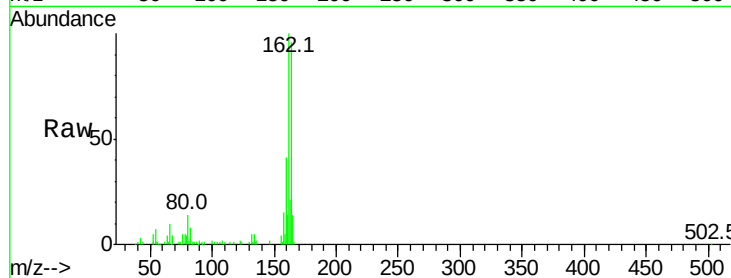




#50
2,6-Dinitrotoluene
Concen: 7.148 ng
RT: 15.44 min Scan# 2068
Delta R.T. 0.43 min
Lab File: BG033858.D
Acq: 17 Apr 2018 23:30

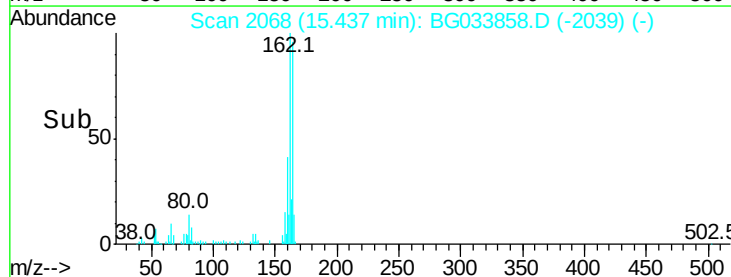
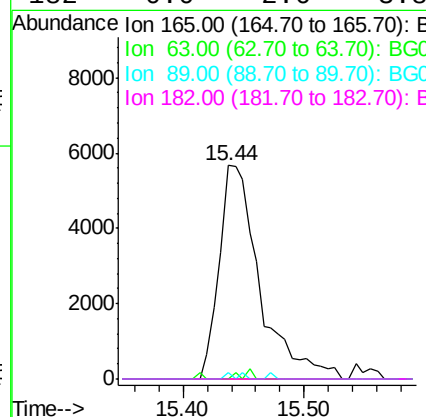
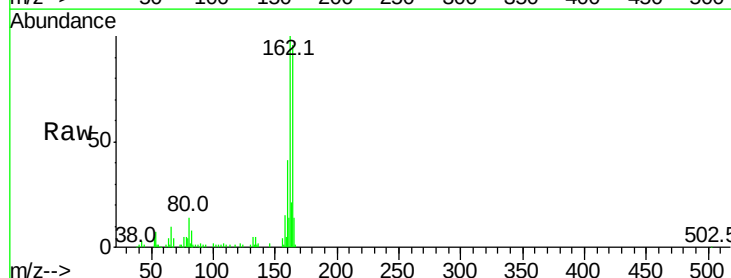
Instrument :
BNA_G
ClientSampleId :

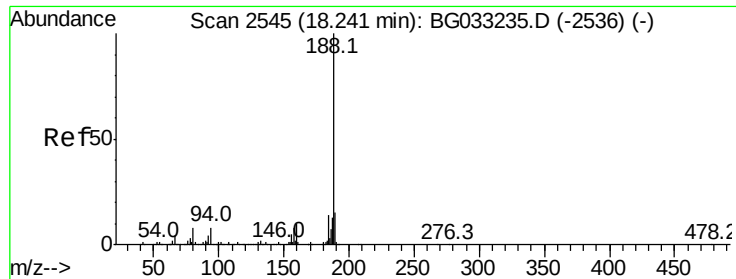
Tot Ion:165 Resp: 12871
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 3.2 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 4.977 ng
RT: 15.44 min Scan# 2068
Delta R.T. -0.36 min
Lab File: BG033858.D
Acq: 17 Apr 2018 23:30

Tgt Ion:165 Resp: 13197
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 3.2 66.9 100.3#
182 0.0 2.6 3.8#

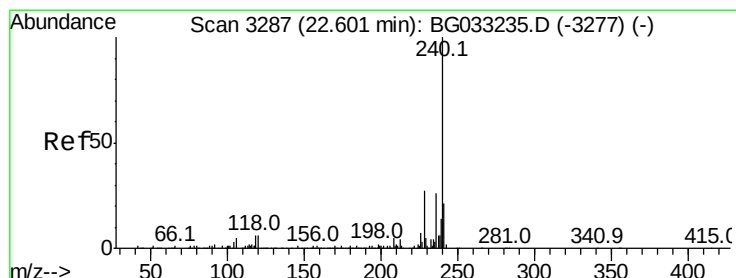
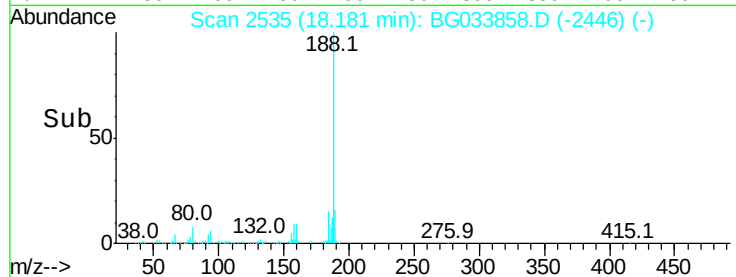
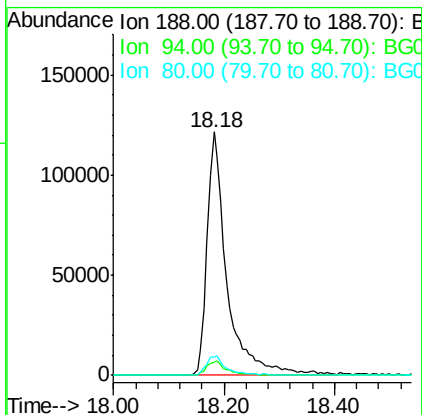
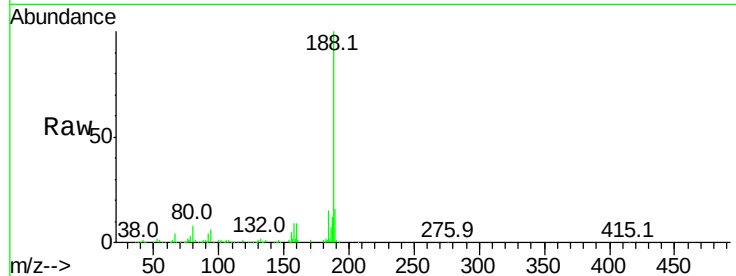




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.18 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BG033858.D
Acq: 17 Apr 2018 23:30

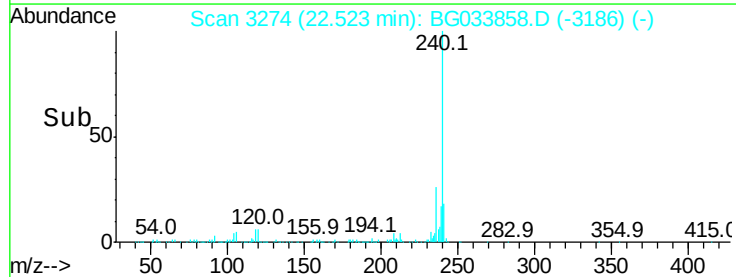
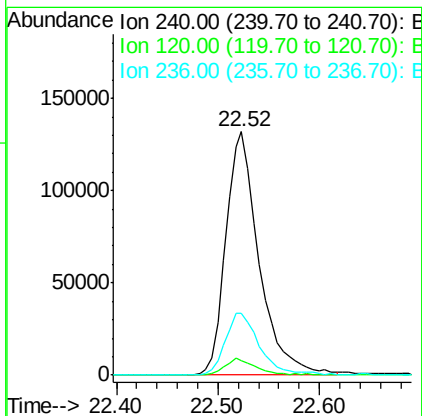
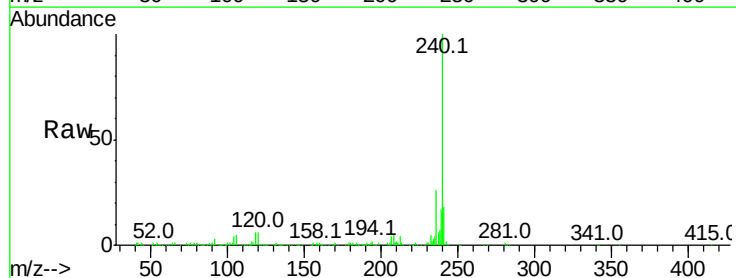
Instrument :
BNA_G
ClientSampleId :

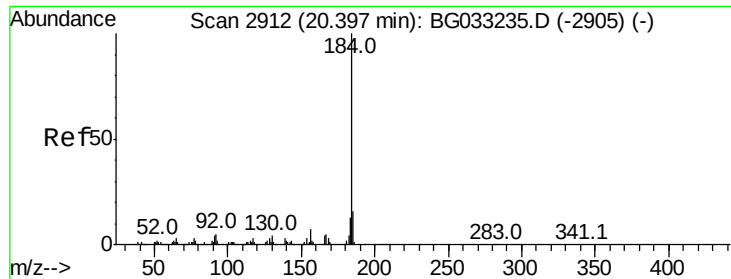
Tot Ion:188 Resp: 301948
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.52 min Scan# 3274
Delta R.T. -0.02 min
Lab File: BG033858.D
Acq: 17 Apr 2018 23:30

Tgt Ion:240 Resp: 299024
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 25.6 20.9 31.3

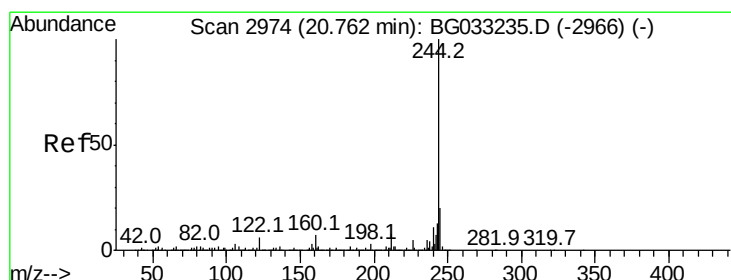
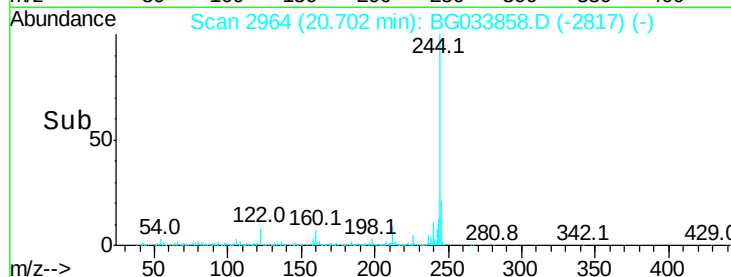
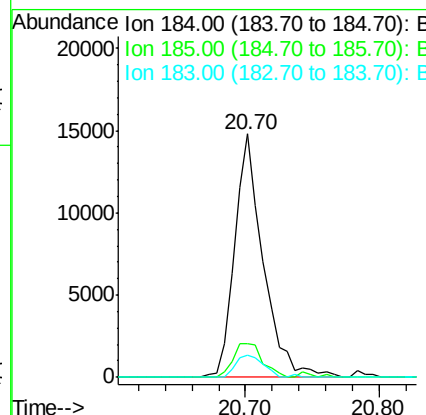
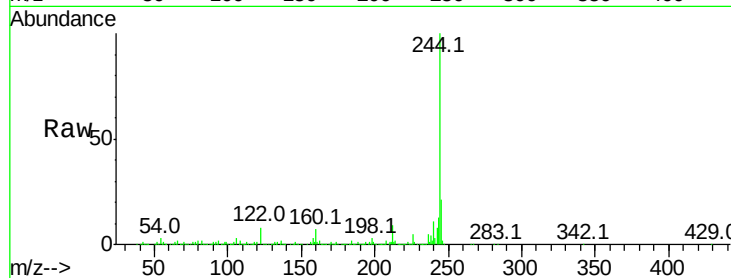




#76
Benzidine
Concen: 2.710 ng
RT: 20.70 min Scan# 2964
Delta R.T. 0.33 min
Lab File: BG033858.D
Acq: 17 Apr 2018 23:30

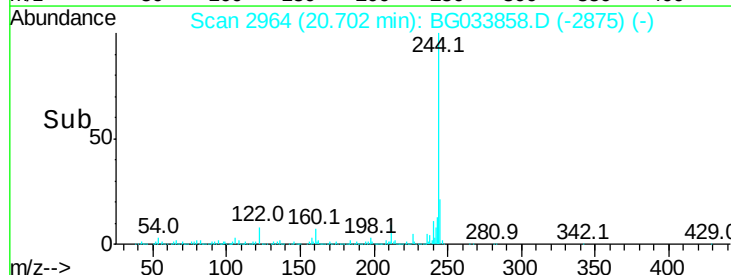
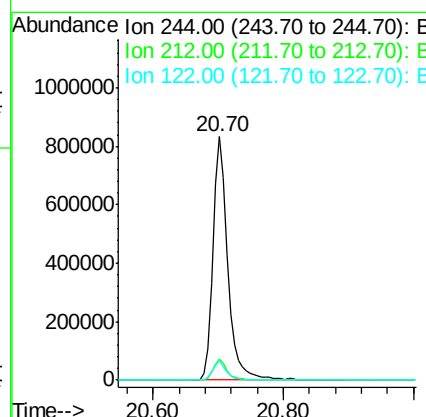
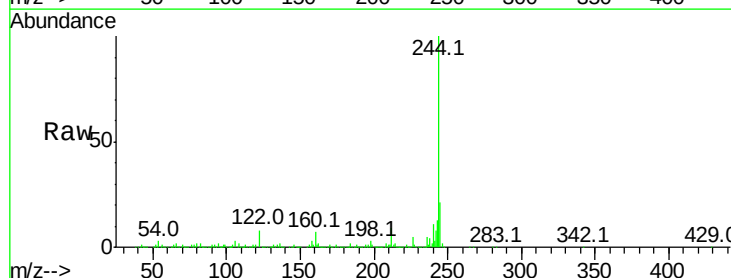
Instrument :
BNA_G
ClientSampleId :

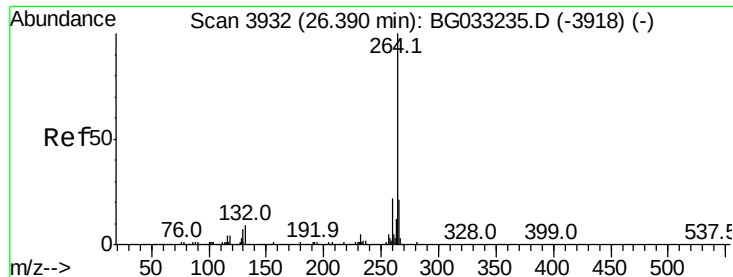
Tot Ion:184 Resp: 21972
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 9.0 10.6 16.0#



#78
Terphenyl-d14
Concen: 93.856 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG033858.D
Acq: 17 Apr 2018 23:30

Tgt Ion:244 Resp: 1312309
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 8.1 7.0 10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.27 min Scan# 3911
Delta R.T. -0.04 min
Lab File: BG033858.D
Acq: 17 Apr 2018 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	18.3	17.7	26.5

