

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033851.D
 Acq On : 17 Apr 2018 19:06
 Operator : SJ/JU
 Sample : J2370-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 04:03:12 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

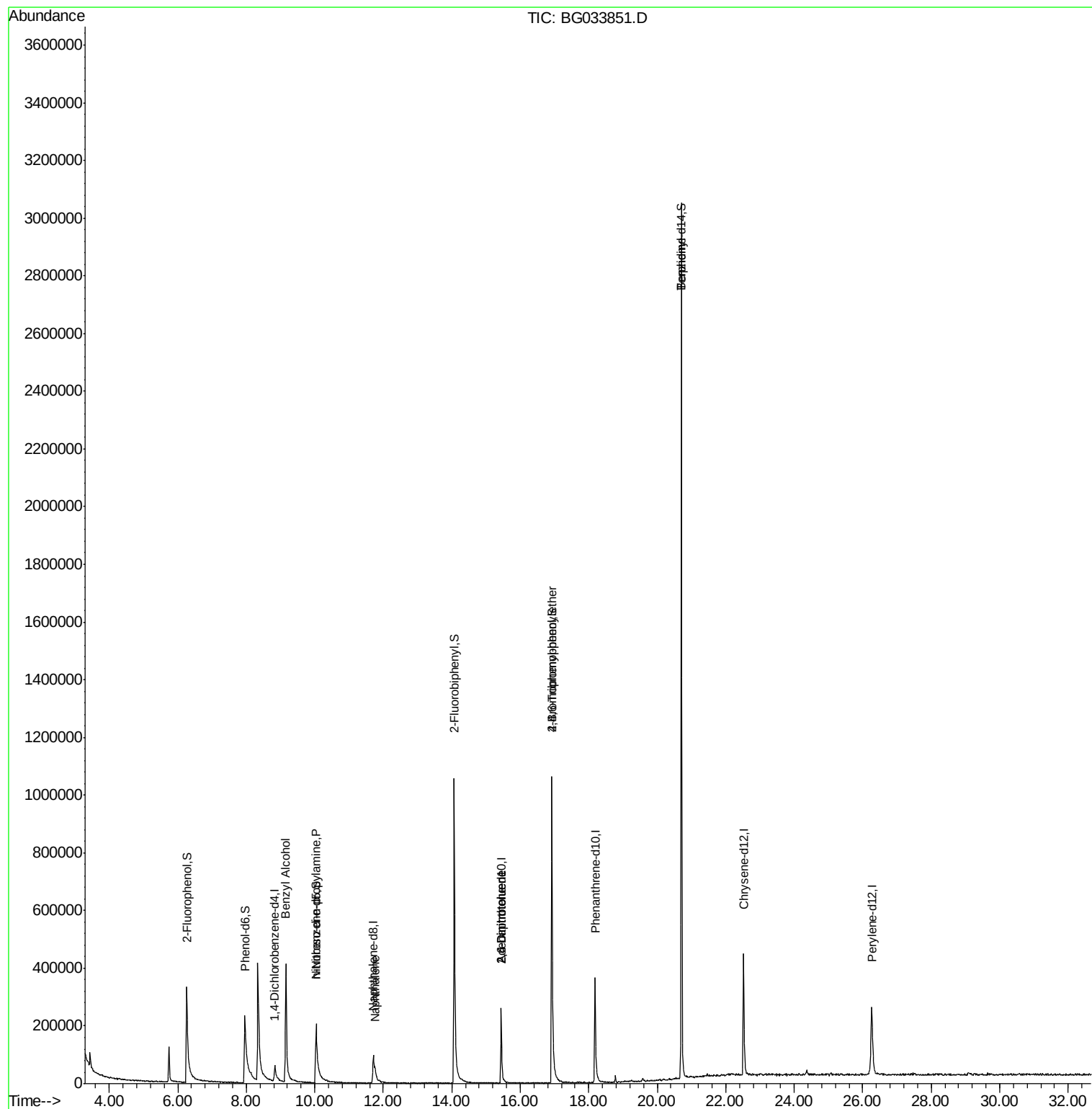
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	28468	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	141314	20.00	ng	0.00
38) Acenaphthene-d10	15.44	164	117066	20.00	ng	0.00
63) Phenanthrene-d10	18.18	188	355501	20.00	ng	0.00
75) Chrysene-d12	22.52	240	344248	20.00	ng	-0.02
86) Perylene-d12	26.26	264	378867	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.26	112	268885	177.11	ng	0.00
7) Phenol-d6	7.96	99	348806	133.72	ng	0.00
23) Nitrobenzene-d5	10.03	82	297216	96.63	ng	0.00
41) 2,4,6-Tribromophenol	16.92	330	296640	169.43	ng	0.00
44) 2-Fluorobiphenyl	14.07	172	804972	99.27	ng	0.00
78) Terphenyl-d14	20.70	244	1678408	104.27	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.16	79	4865	2.369	ng	# 46
19) n-Nitroso-di-n-propylamine	10.04	70	38731	20.262	ng	# 78
31) Naphthalene	11.76	128	53704	7.334	ng	# 92
50) 2,6-Dinitrotoluene	15.44	165	14270	6.850	ng	# 22
56) 2,4-Dinitrotoluene	15.44	165	14729	4.802	ng	# 20
66) 4-Bromophenyl-phenylether	16.92	248	22565	5.405	ng	# 1
76) Benzidine	20.70	184	28407	3.043	ng	# 88

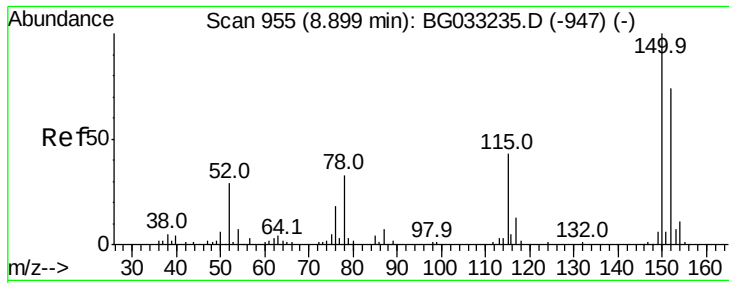
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
Data File : BG033851.D
Acq On : 17 Apr 2018 19:06
Operator : SJ/JU
Sample : J2370-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 18 04:03:12 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



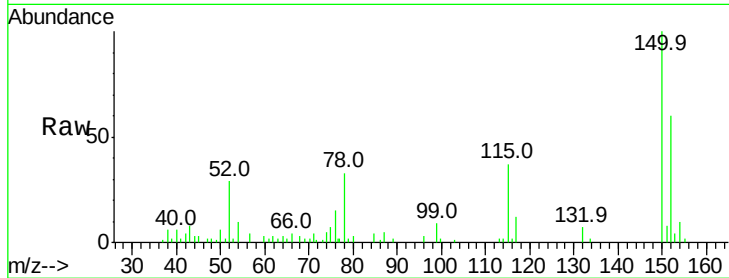


#1

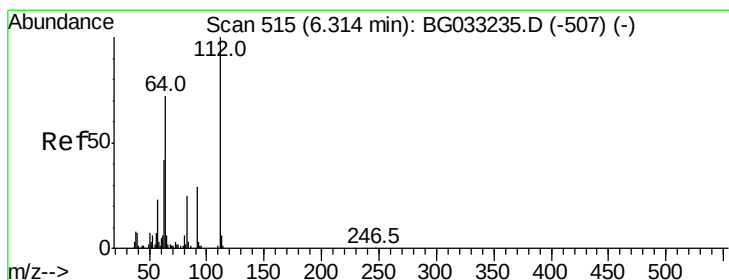
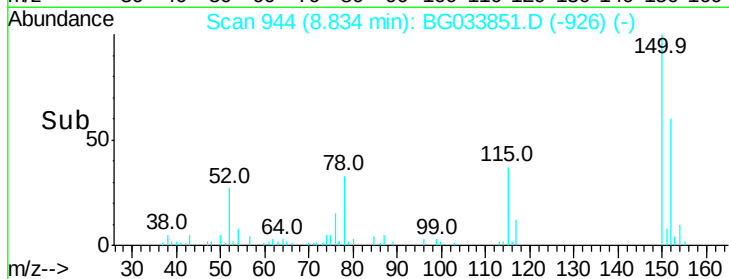
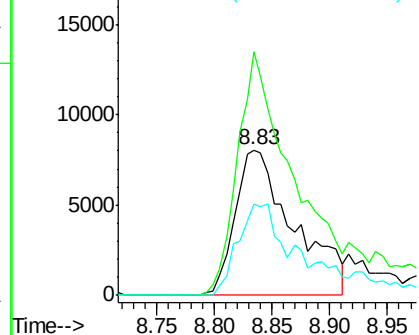
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28468
Ion Ratio Lower Upper
152 100
150 167.6 126.6 189.8
115 62.6 53.0 79.4



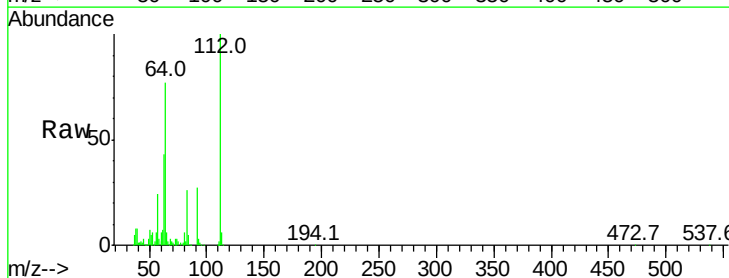
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



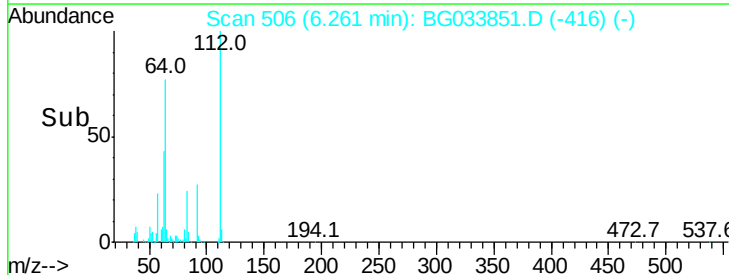
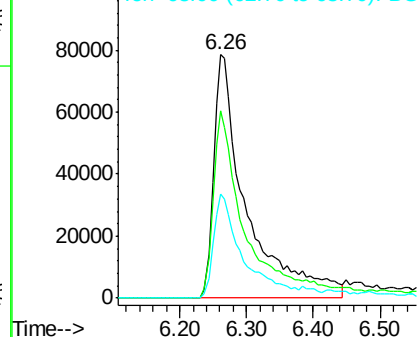
#5

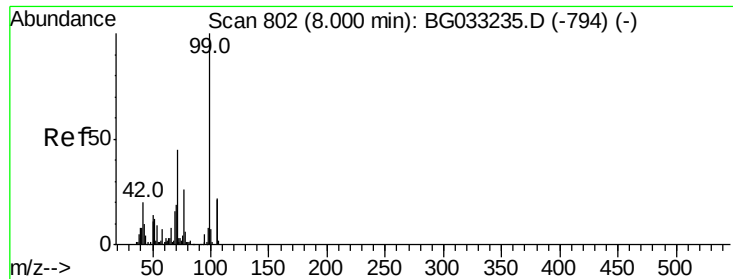
2-Fluorophenol
Concen: 177.108 ng
RT: 6.26 min Scan# 506
Delta R.T. -0.00 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Tgt Ion:112 Resp: 268885
Ion Ratio Lower Upper
112 100
64 76.9 56.3 84.5
63 42.6 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: 133.715 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG033851.D

Acq: 17 Apr 2018 19:06

Instrument :

BNA_G

ClientSampleId :

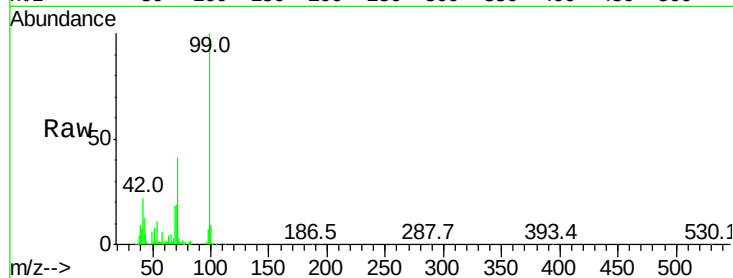
Tot Ion: 99 Resp: 348806

Ion Ratio Lower Upper

99 100

42 21.9 14.1 21.1#

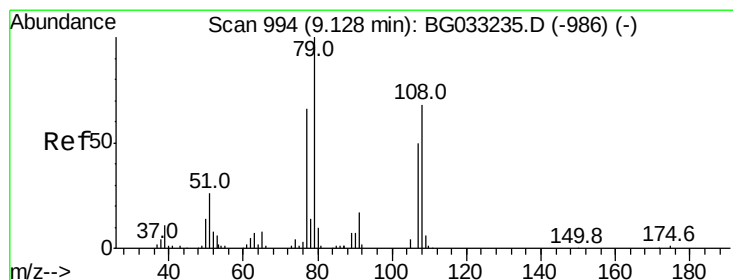
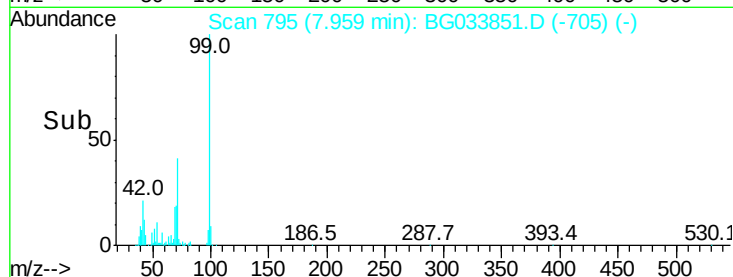
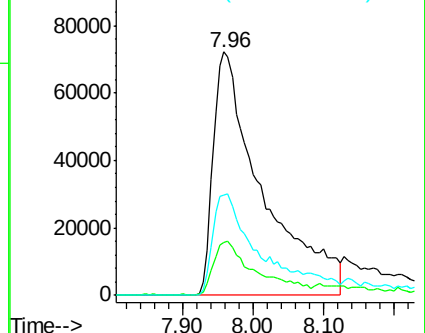
71 41.1 26.1 39.1#



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: 2.369 ng

RT: 9.16 min Scan# 999

Delta R.T. 0.07 min

Lab File: BG033851.D

Acq: 17 Apr 2018 19:06

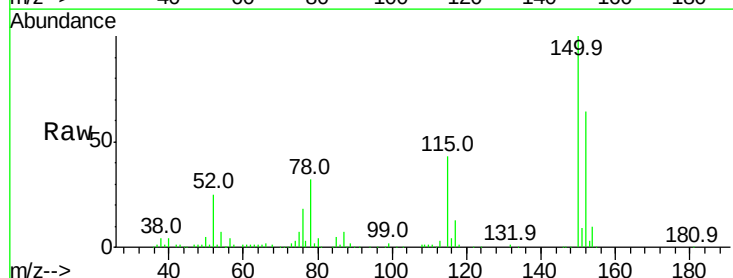
Tgt Ion: 79 Resp: 4865

Ion Ratio Lower Upper

79 100

108 35.3 57.2 85.8#

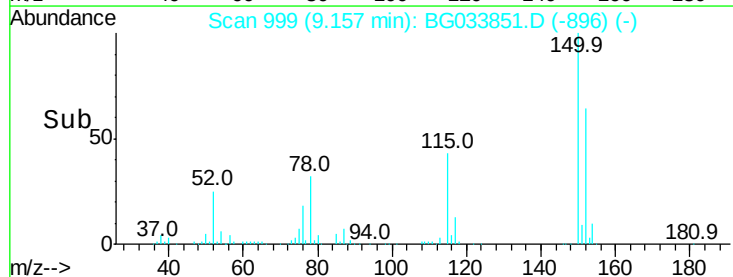
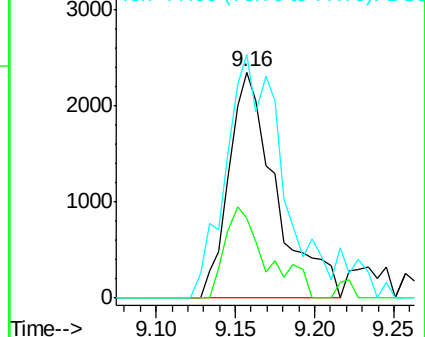
77 107.8 46.1 69.1#

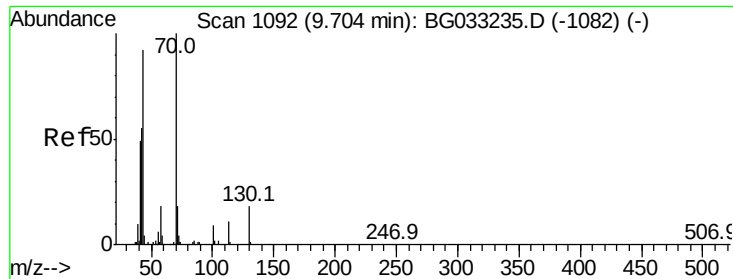


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

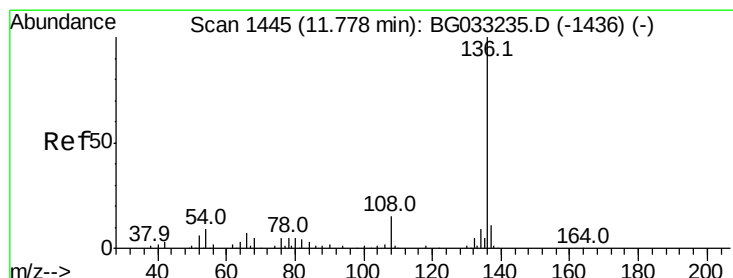
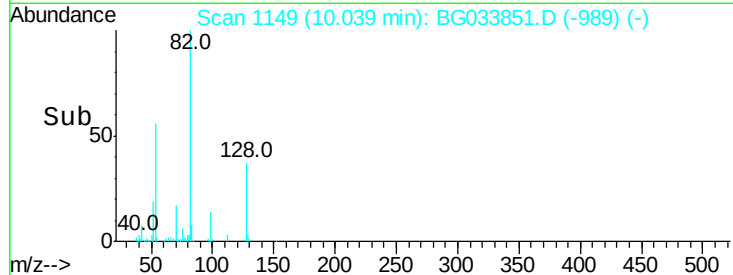
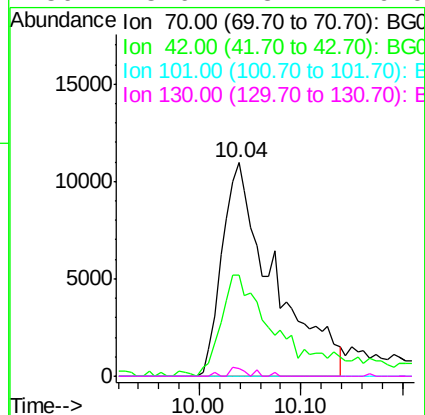
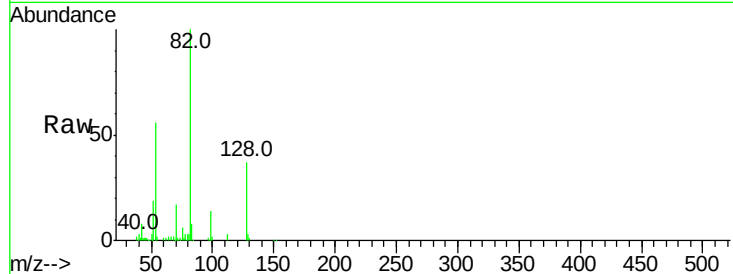




#19
n-Nitroso-di-n-propylamine
Concen: 20.262 ng
RT: 10.04 min Scan# 1149
Delta R.T. 0.41 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

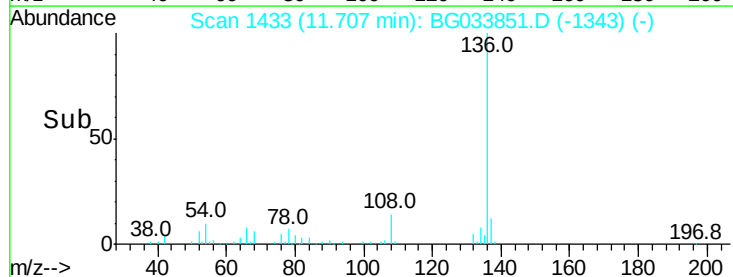
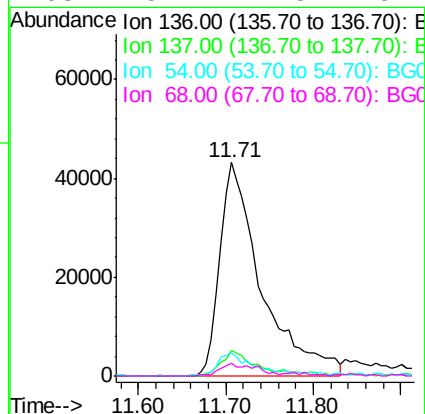
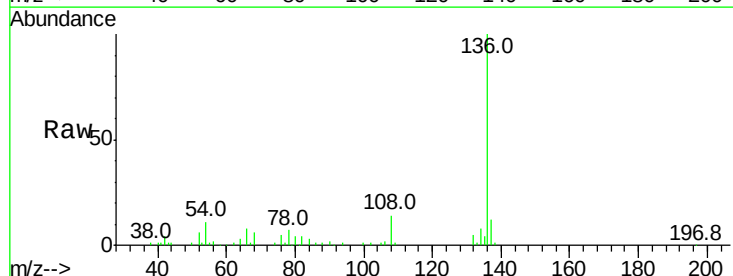
Instrument :
BNA_G
ClientSampleId :

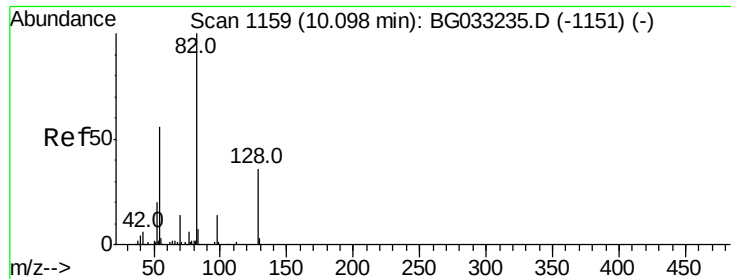
Tot Ion: 70 Resp: 38731
Ion Ratio Lower Upper
70 100
42 47.1 49.1 73.7#
101 0.0 8.5 12.7#
130 3.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Tgt Ion: 136 Resp: 141314
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 10.6 10.3 15.5
68 6.1 4.5 6.7

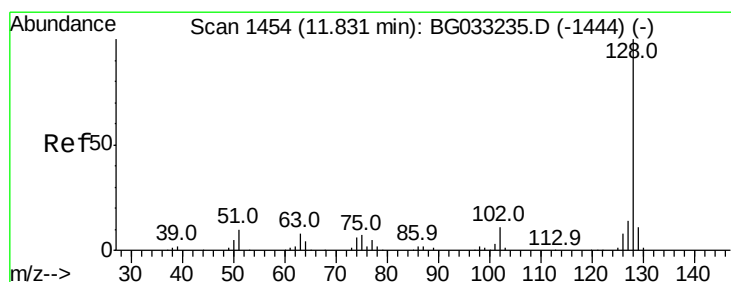
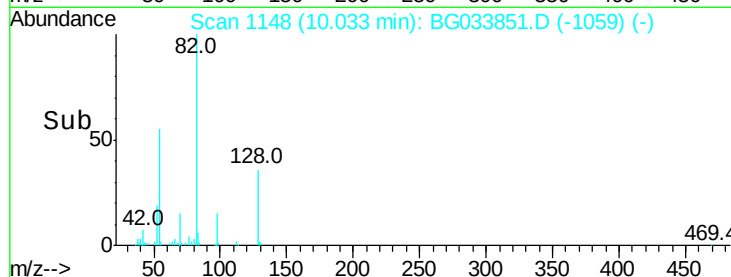
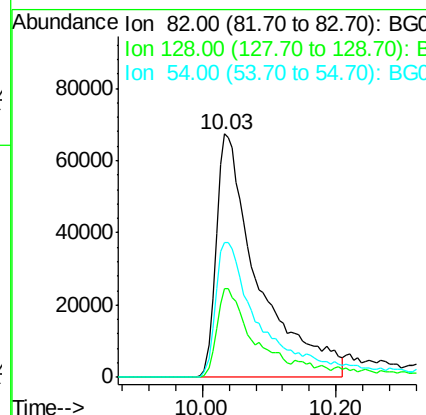
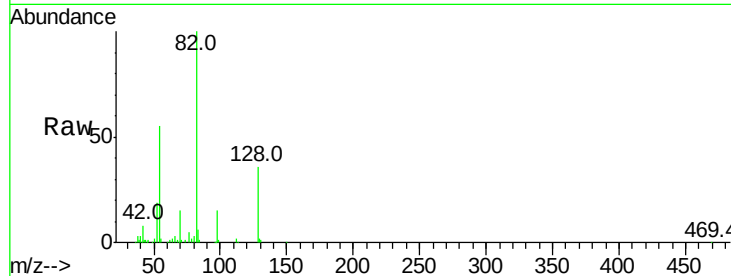




#23
Nitrobenzene-d5
Concen: 96.631 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

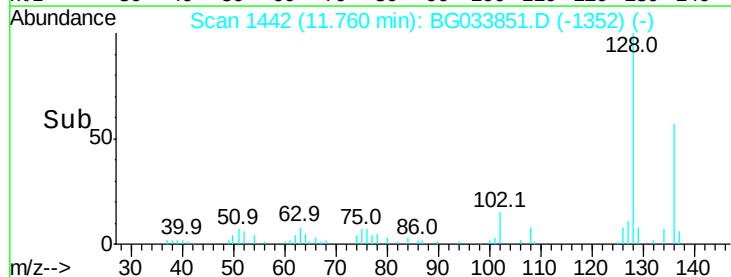
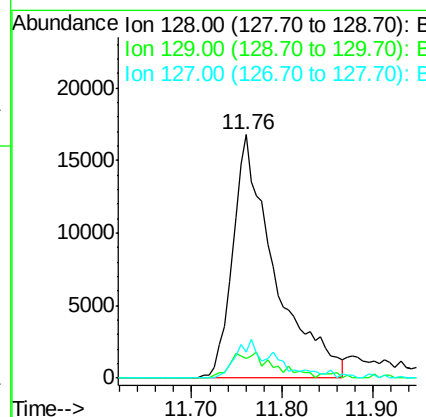
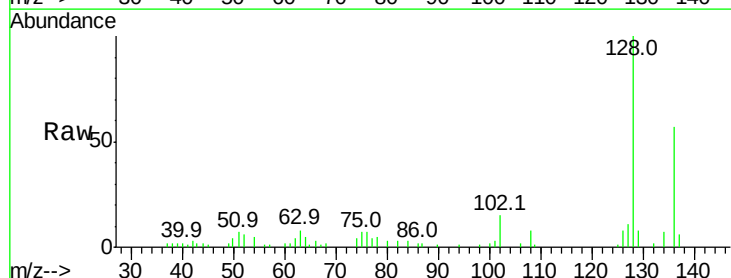
Instrument :
BNA_G
ClientSampleId :

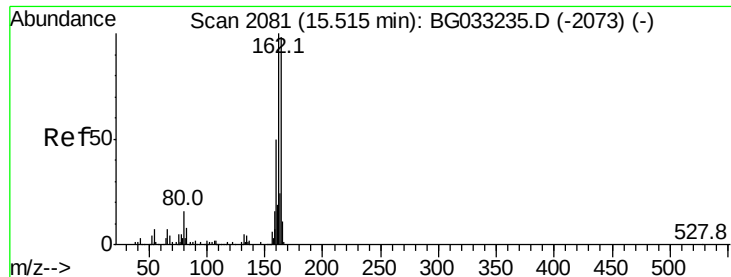
Tot Ion	82	Resp	297216
Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.7	44.5
54	55.3	43.1	64.7



#31
Naphthalene
Concen: 7.334 ng
RT: 11.76 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Tgt Ion	128	Resp	53704
Ion	Ratio	Lower	Upper
128	100		
129	7.8	8.6	12.8#
127	10.9	11.6	17.4#

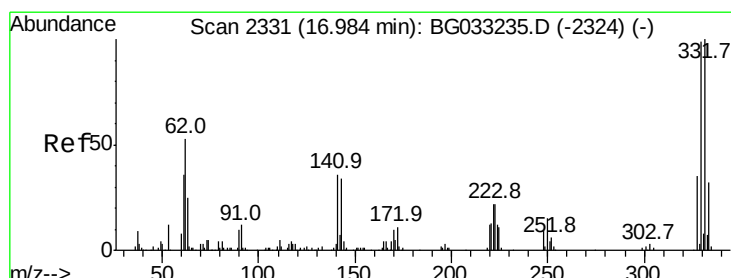
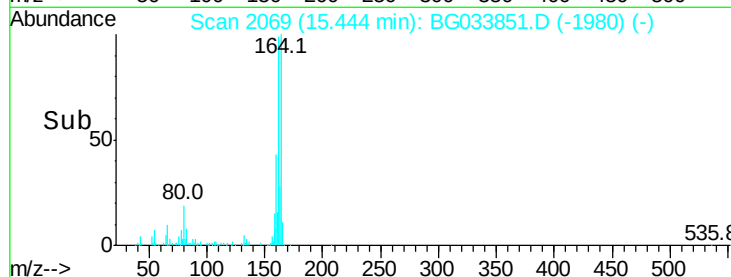
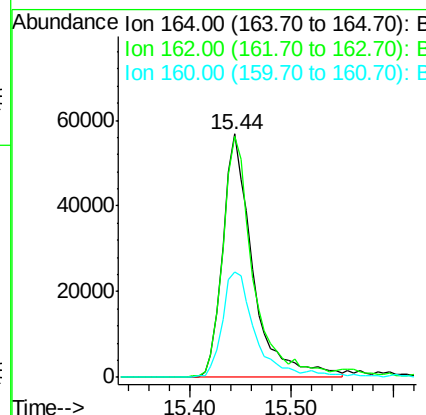
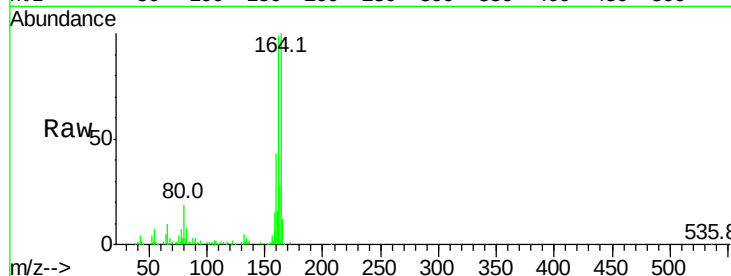




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

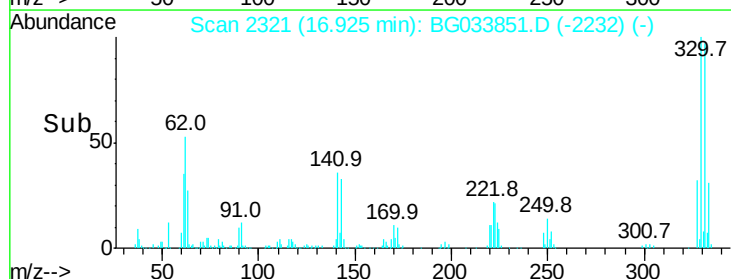
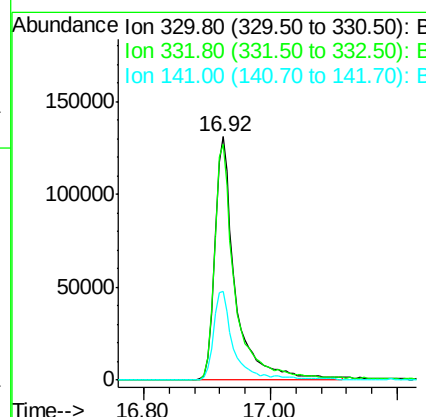
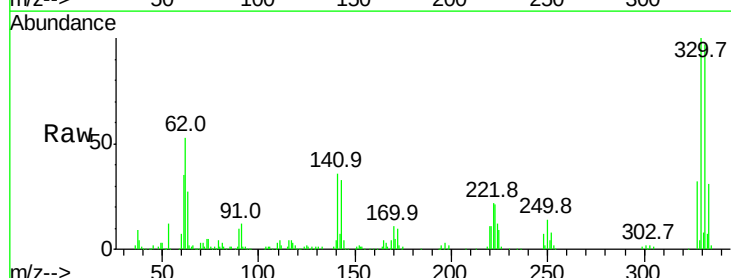
Instrument :
BNA_G
ClientSampleId :

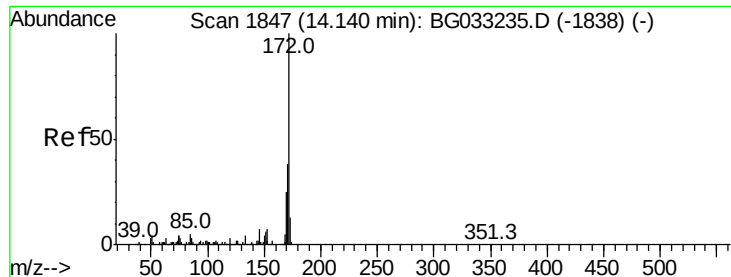
Tot Ion:164 Resp: 117066
Ion Ratio Lower Upper
164 100
162 98.8 78.8 118.2
160 43.5 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 169.425 ng
RT: 16.92 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Tgt Ion:330 Resp: 296640
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.6
141 34.2 25.2 37.8

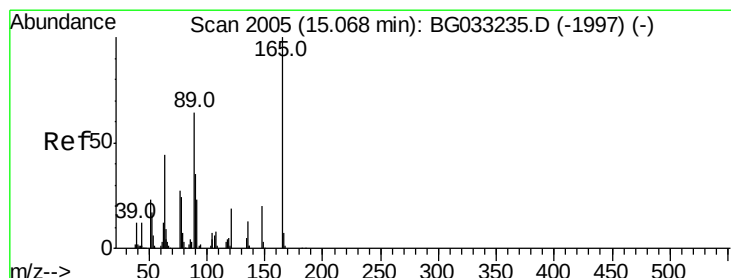
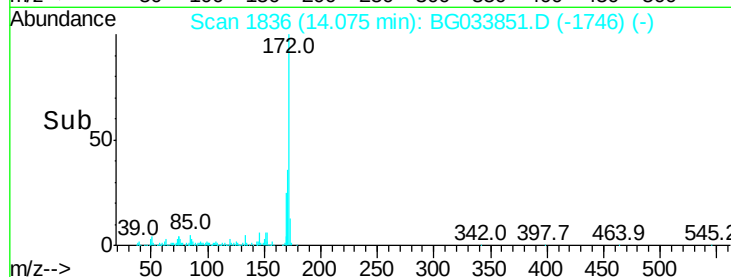
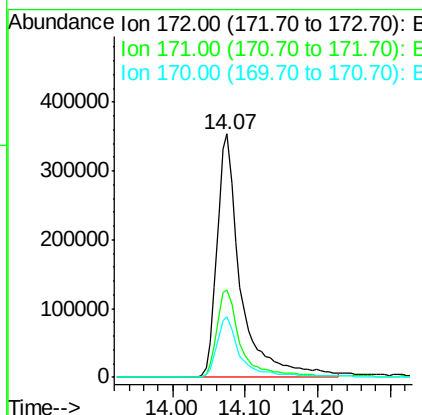
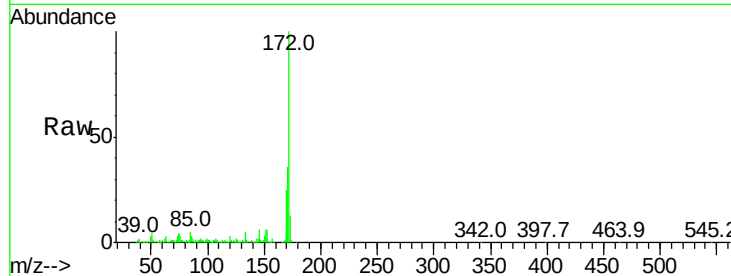




#44
2-Fluorobiphenyl
Concen: 99.268 ng
RT: 14.07 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

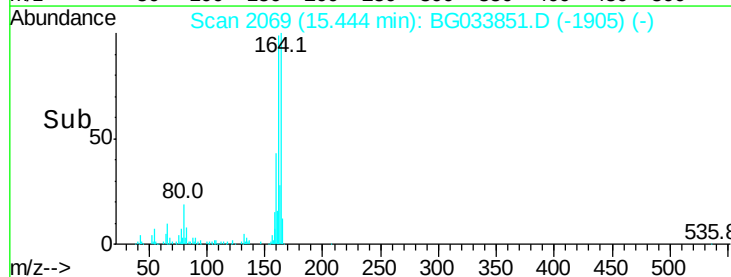
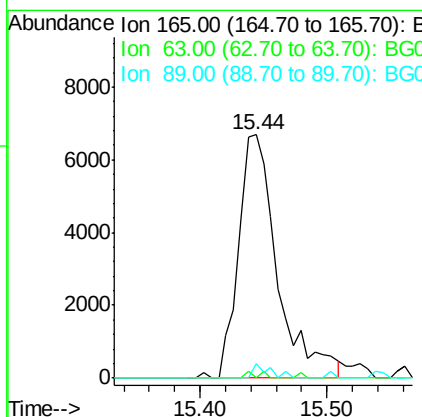
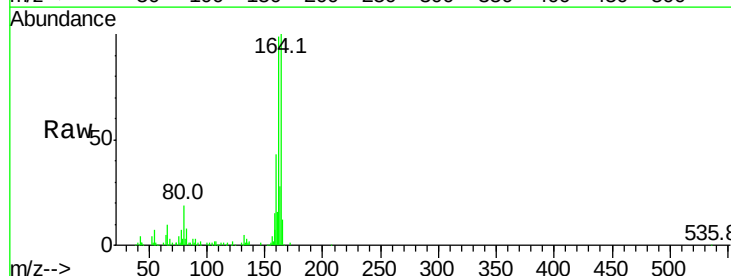
Instrument :
BNA_G
ClientSampleId :

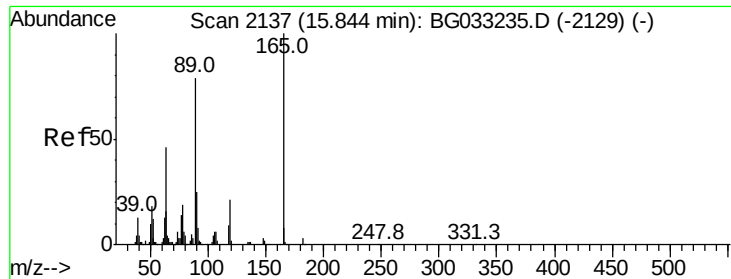
Tot Ion:172 Resp: 804972
Ion Ratio Lower Upper
172 100
171 36.0 30.0 45.0
170 24.9 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 6.850 ng
RT: 15.44 min Scan# 2069
Delta R.T. 0.43 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Tgt Ion:165 Resp: 14270
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 5.8 49.2 73.8#

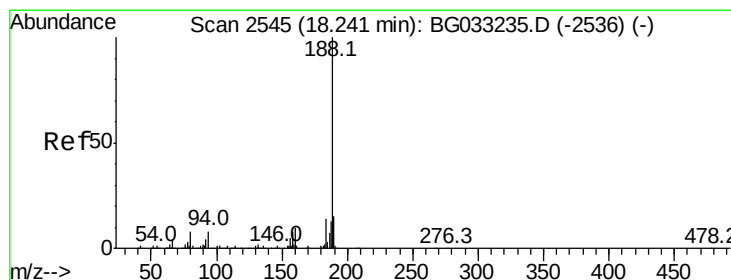
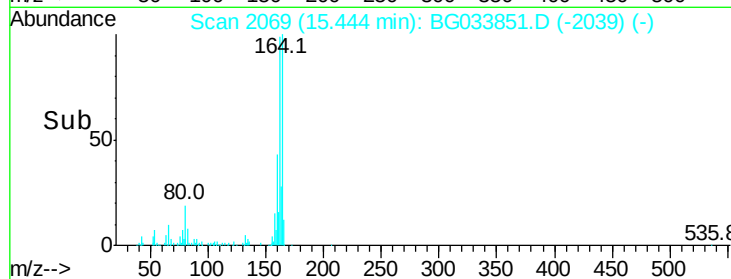
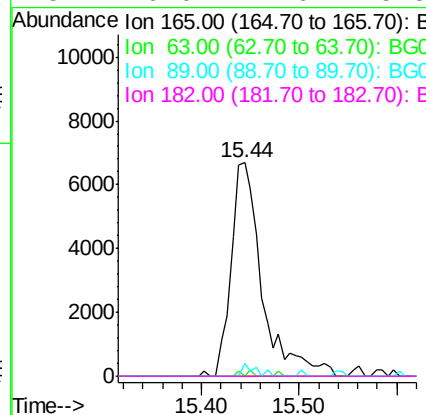
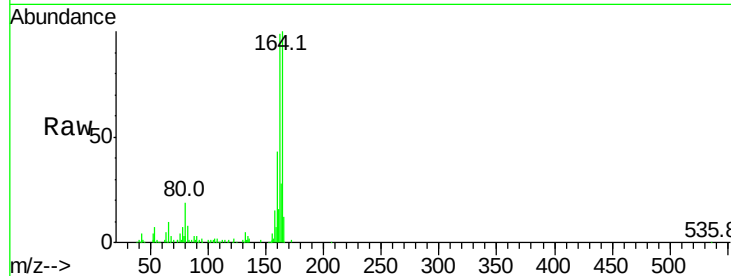




#56
 2,4-Dinitrotoluene
 Concen: 4.802 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.36 min
 Lab File: BG033851.D
 Acq: 17 Apr 2018 19:06

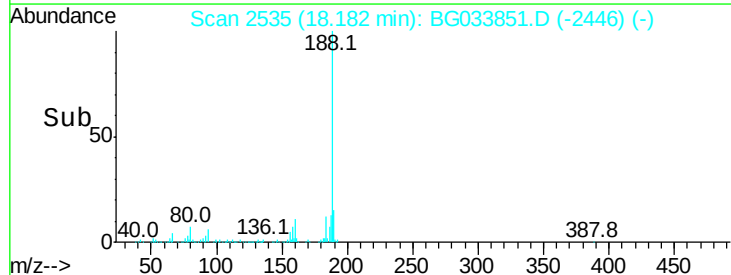
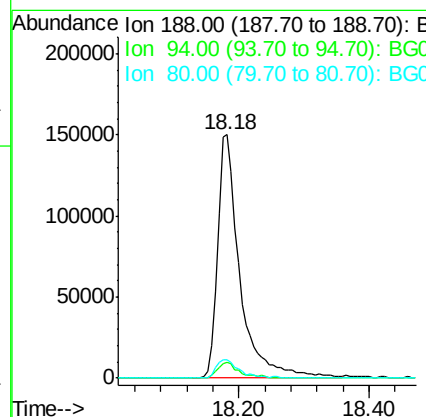
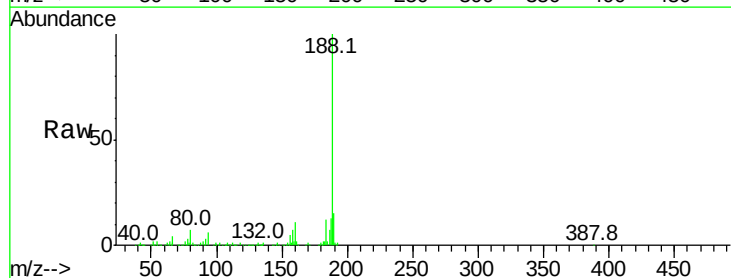
Instrument :
 BNA_G
 ClientSampleId :

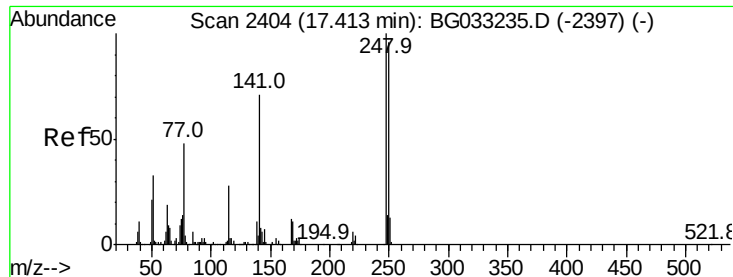
Tot Ion:165 Resp: 14729
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 5.8 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.18 min Scan# 2535
 Delta R.T. -0.01 min
 Lab File: BG033851.D
 Acq: 17 Apr 2018 19:06

Tgt Ion:188 Resp: 355501
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.5 7.7 11.5#

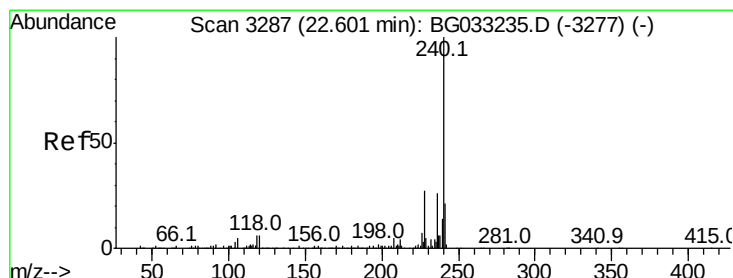
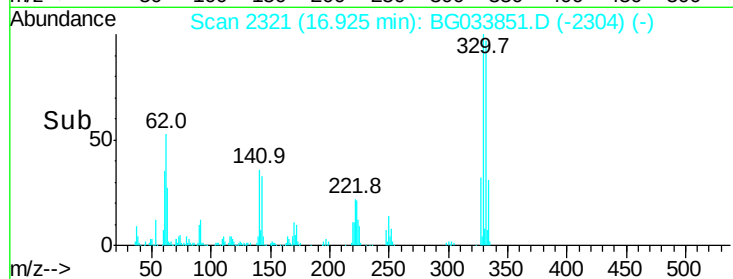
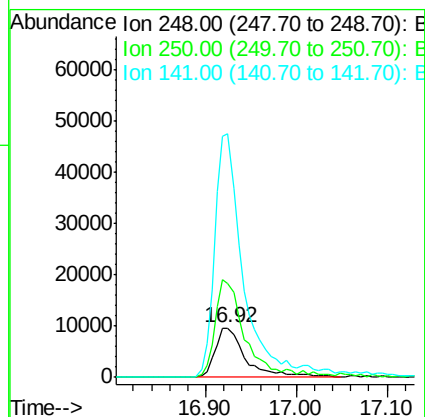
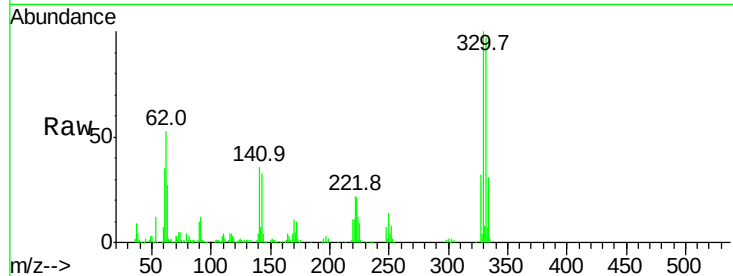




#66
4-Bromophenyl-phenylether
Concen: 5.405 ng
RT: 16.92 min Scan# 2321
Delta R.T. -0.43 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

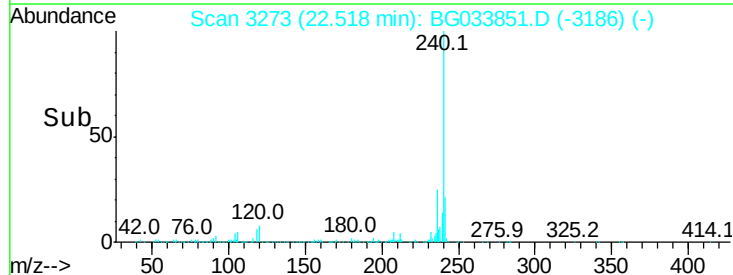
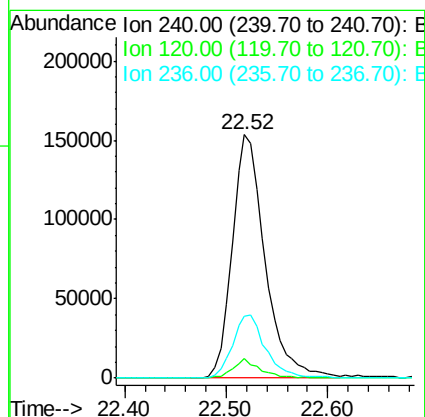
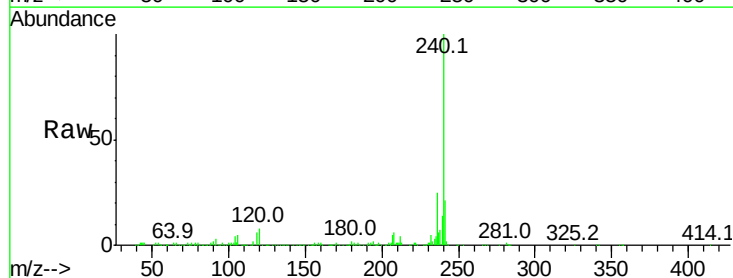
Instrument :
BNA_G
ClientSampleId :

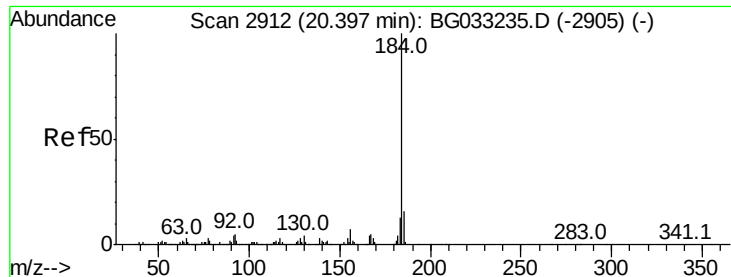
Tot Ion:248 Resp: 22565
Ion Ratio Lower Upper
248 100
250 189.5 77.1 115.7#
141 490.6 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.52 min Scan# 3273
Delta R.T. -0.02 min
Lab File: BG033851.D
Acq: 17 Apr 2018 19:06

Tgt Ion:240 Resp: 344248
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 25.2 20.9 31.3





#76

Benzidine

Concen: 3.043 ng

RT: 20.70 min Scan# 2964

Delta R.T. 0.33 min

Lab File: BG033851.D

Acq: 17 Apr 2018 19:06

Instrument :

BNA_G

ClientSampleId :

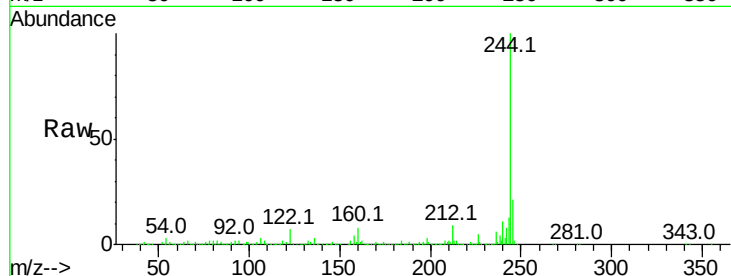
Tot Ion:184 Resp: 28407

Ion Ratio Lower Upper

184 100

185 20.5 11.1 16.7#

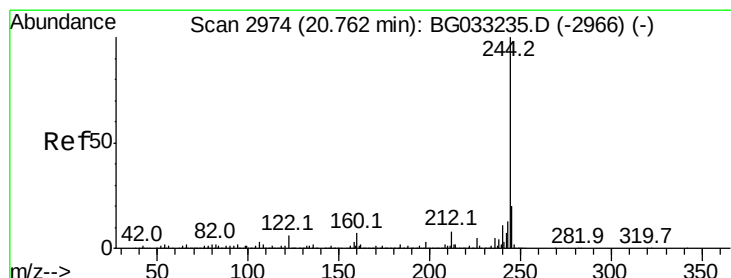
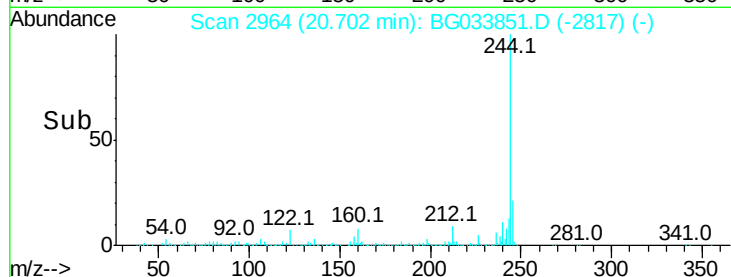
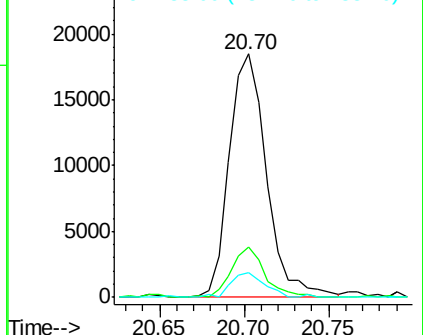
183 10.2 10.6 16.0#



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: 104.269 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BG033851.D

Acq: 17 Apr 2018 19:06

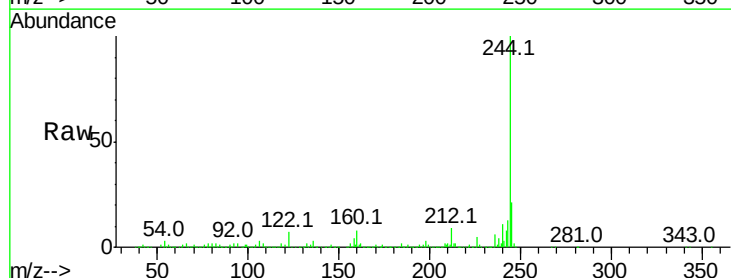
Tgt Ion:244 Resp: 1678408

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

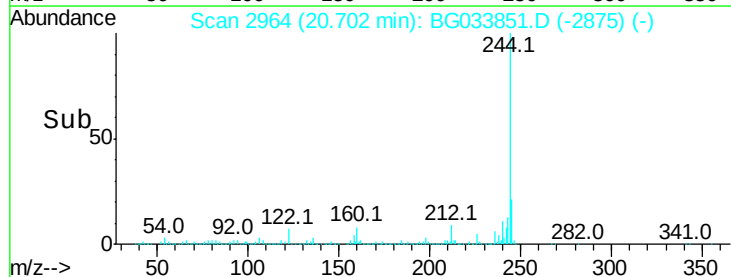
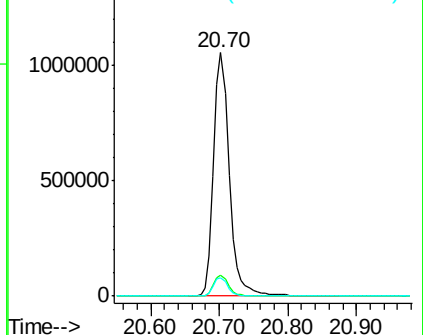
122 7.4 7.0 10.4

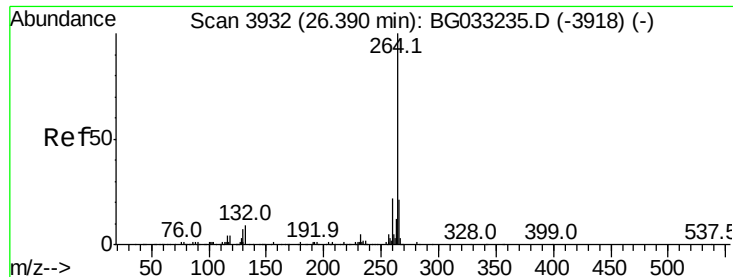


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.26 min Scan# 3910
 Delta R.T. -0.05 min
 Lab File: BG033851.D
 Acq: 17 Apr 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	22.9	17.7	26.5

