

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033759.D
 Acq On : 11 Apr 2018 23:48
 Operator : SJ/JU
 Sample : J2320-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:37:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

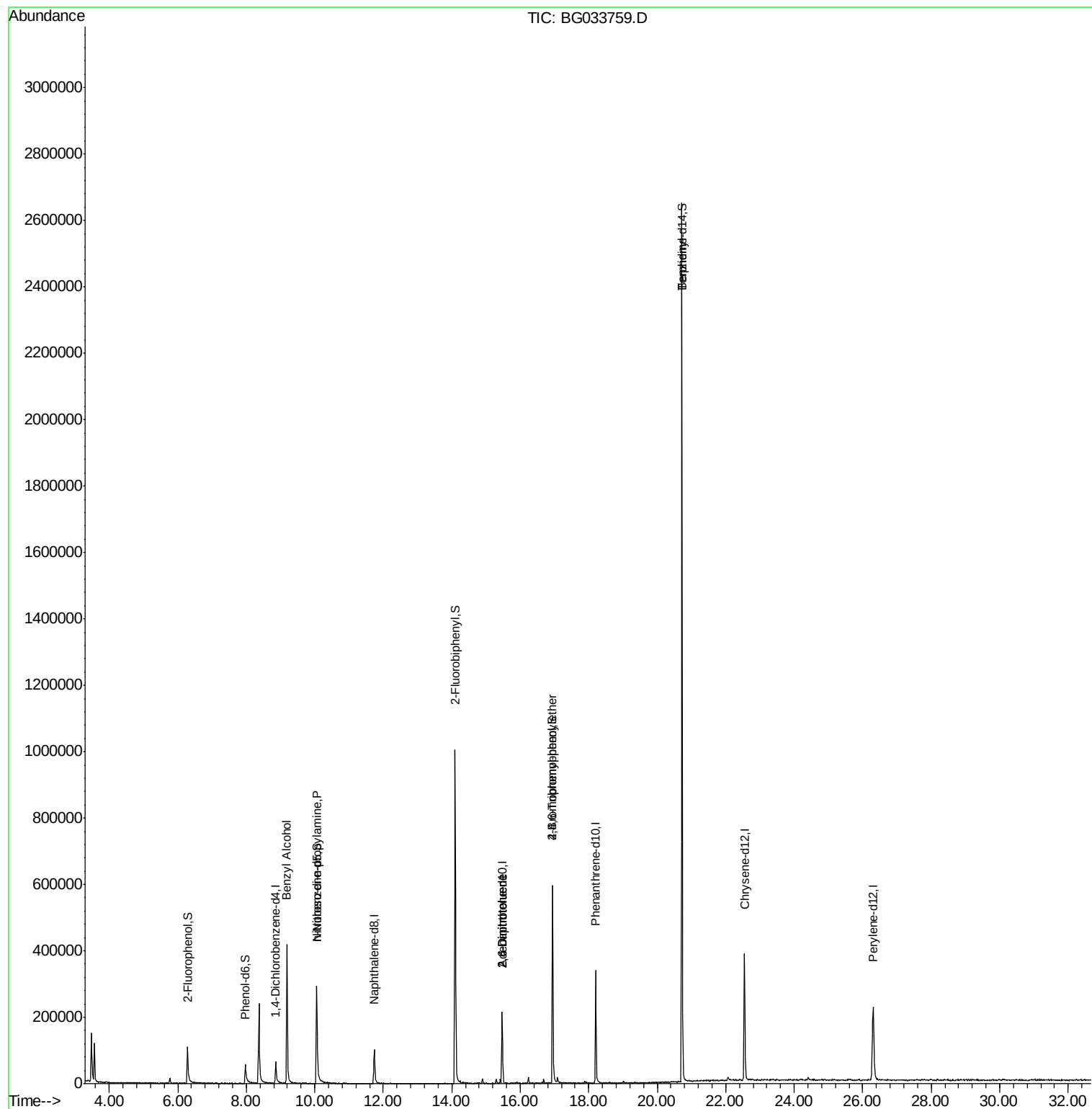
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	23119	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	102559	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	80885	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	250645	20.00	ng	0.00
75) Chrysene-d12	22.55	240	279877	20.00	ng	0.00
86) Perylene-d12	26.30	264	293570	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	61849	50.16	ng	0.00
7) Phenol-d6	7.97	99	48204	22.75	ng	0.00
23) Nitrobenzene-d5	10.06	82	232506	104.16	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	117470	97.10	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	581597	103.80	ng	0.00
78) Terphenyl-d14	20.72	244	1329392	101.58	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4393	2.634	ng	# 48
19) n-Nitroso-di-n-propylamine	10.05	70	31926	20.567	ng	# 80
50) 2,6-Dinitrotoluene	15.47	165	9585	6.659	ng	# 22
56) 2,4-Dinitrotoluene	15.47	165	9585	4.523	ng	# 19
66) 4-Bromophenyl-phenylether	16.94	248	9444	3.208	ng	# 1
76) Benzidine	20.72	184	23907	3.150	ng	# 88

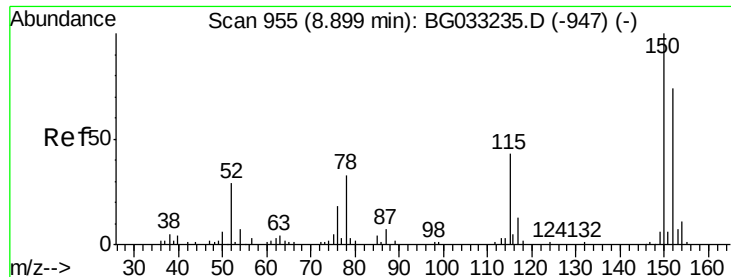
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
Data File : BG033759.D
Acq On : 11 Apr 2018 23:48
Operator : SJ/JU
Sample : J2320-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 12 01:37:49 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

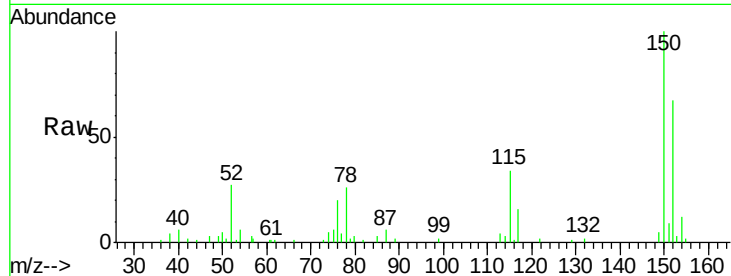




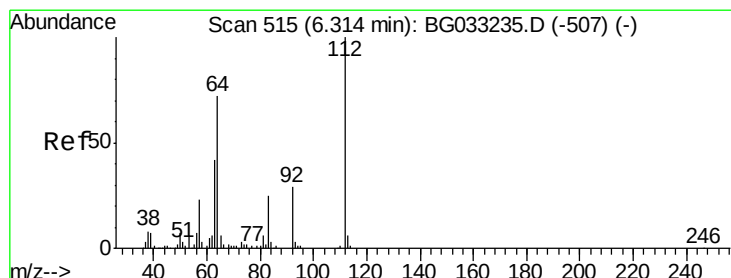
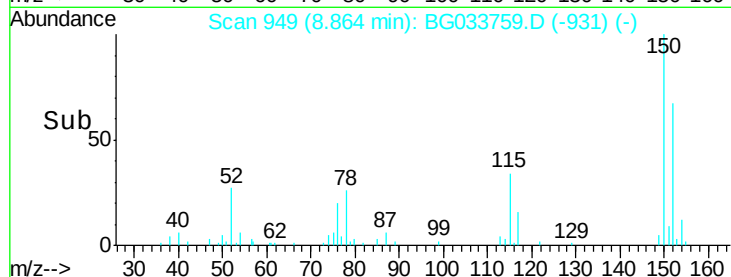
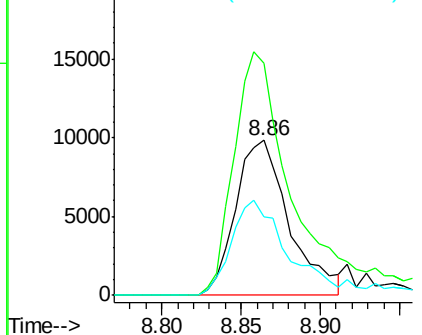
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BG033759.D
 Acq: 11 Apr 2018 23:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 23119
 Ion Ratio Lower Upper
 152 100
 150 149.9 126.6 189.8
 115 50.8 53.0 79.4#

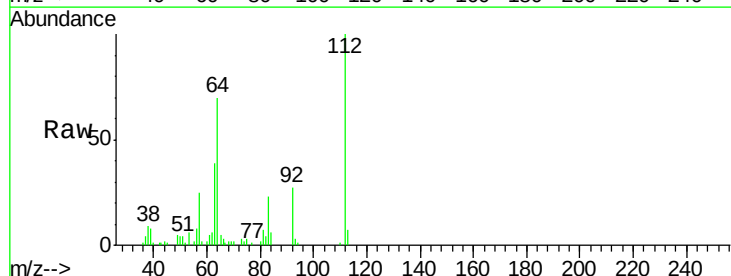


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

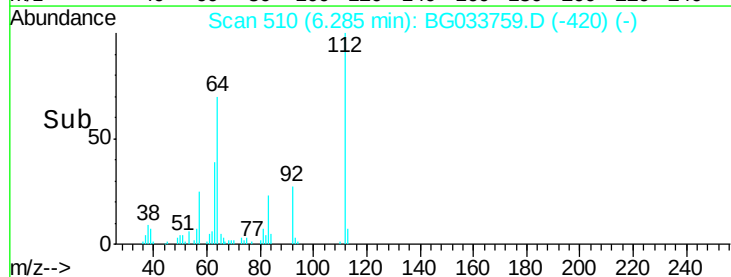
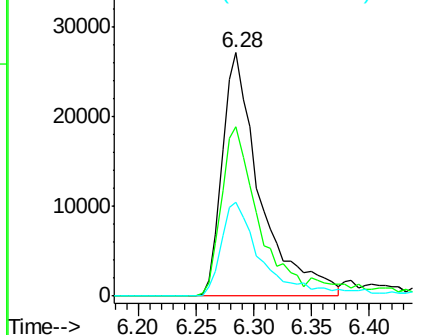


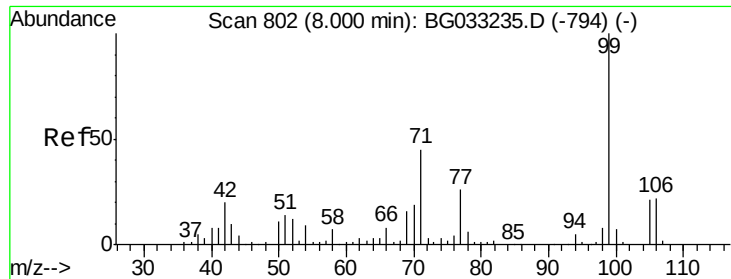
#5
 2-Fluorophenol
 Concen: 50.164 ng
 RT: 6.28 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BG033759.D
 Acq: 11 Apr 2018 23:48

Tgt Ion:112 Resp: 61849
 Ion Ratio Lower Upper
 112 100
 64 69.6 56.3 84.5
 63 38.5 30.1 45.1



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





#7

Phenol-d6

Concen: 22.755 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033759.D

Acq: 11 Apr 2018 23:48

Instrument :

BNA_G

ClientSampled :

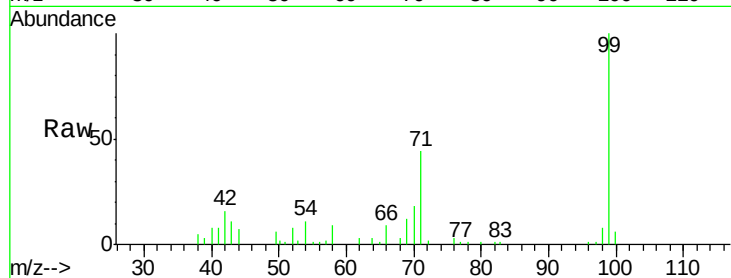
Tot Ion: 99 Resp: 48204

Ion Ratio Lower Upper

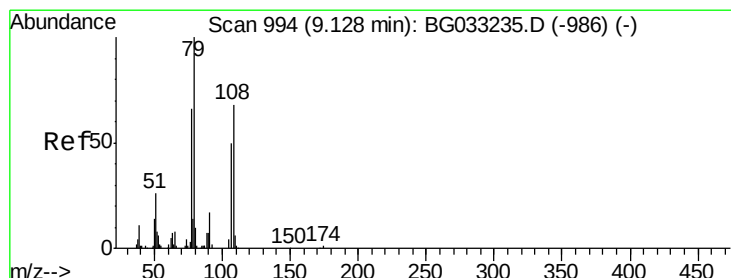
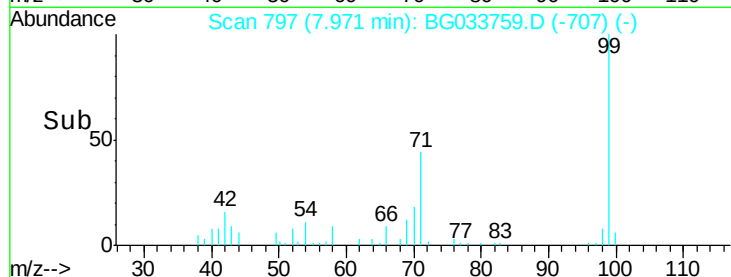
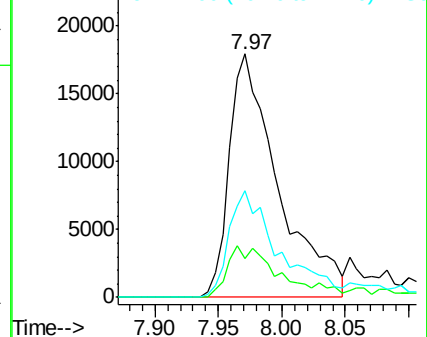
99 100

42 15.7 14.1 21.1

71 43.6 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: 2.634 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.10 min

Lab File: BG033759.D

Acq: 11 Apr 2018 23:48

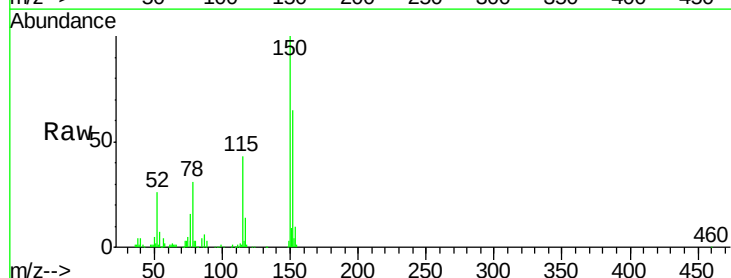
Tgt Ion: 79 Resp: 4393

Ion Ratio Lower Upper

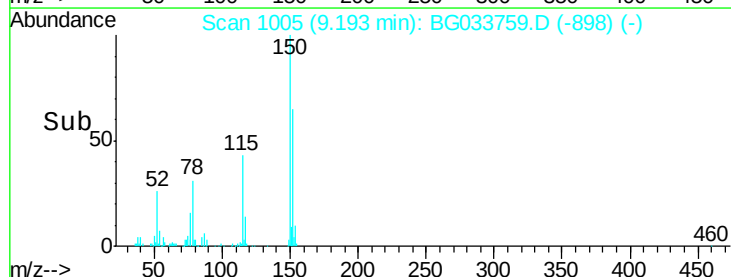
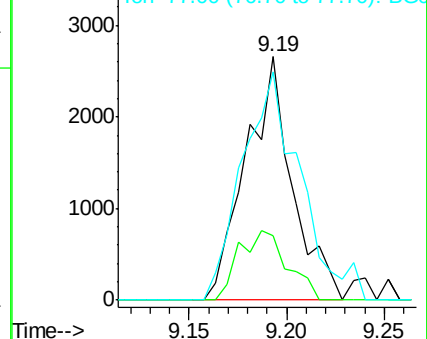
79 100

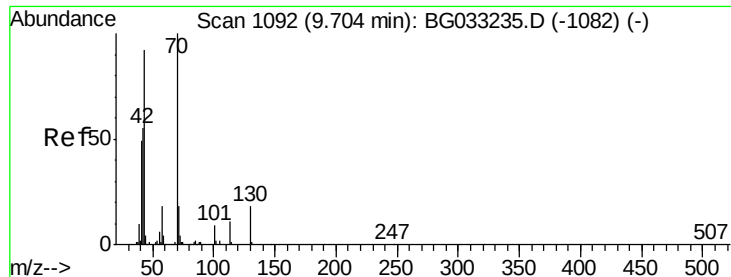
108 26.4 57.2 85.8#

77 93.5 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

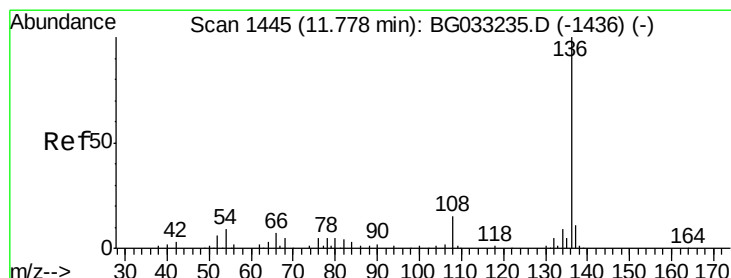
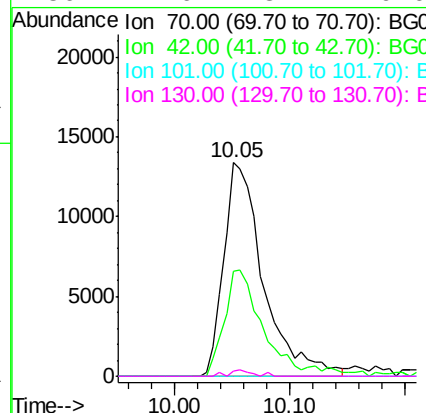
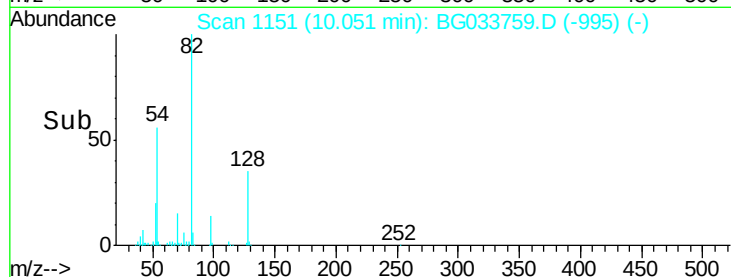
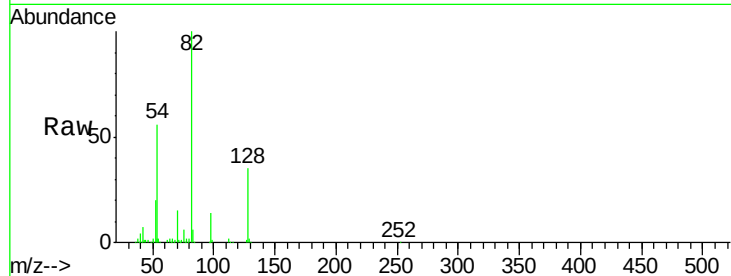




#19
n-Nitroso-di-n-propylamine
Concen: 20.567 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033759.D
Acq: 11 Apr 2018 23:48

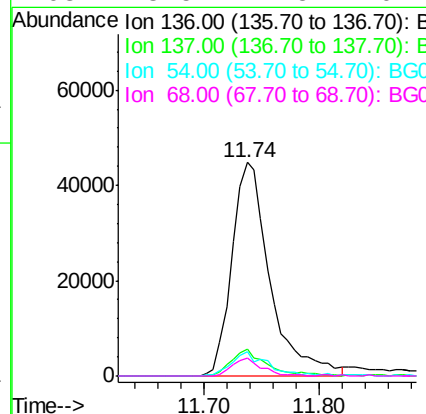
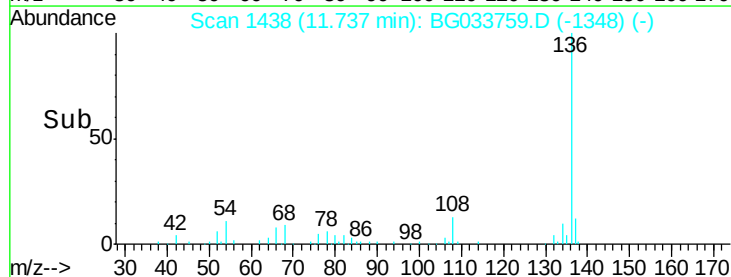
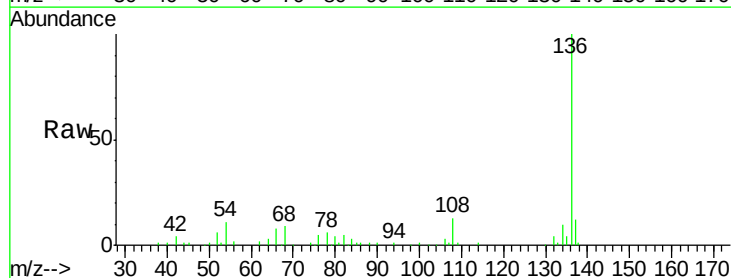
Instrument :
BNA_G
ClientSampleId :

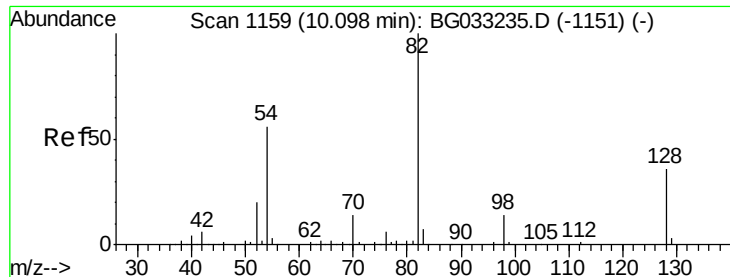
Tot Ion: 70 Resp: 31926
Ion Ratio Lower Upper
70 100
42 49.4 49.1 73.7
101 0.0 8.5 12.7#
130 2.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033759.D
Acq: 11 Apr 2018 23:48

Tgt Ion: 136 Resp: 102559
Ion Ratio Lower Upper
136 100
137 12.4 9.2 13.8
54 11.4 10.3 15.5
68 8.5 4.5 6.7#

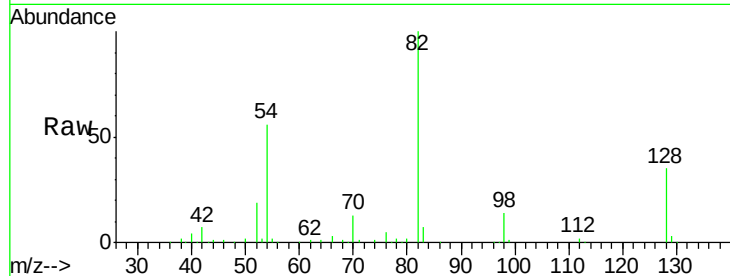




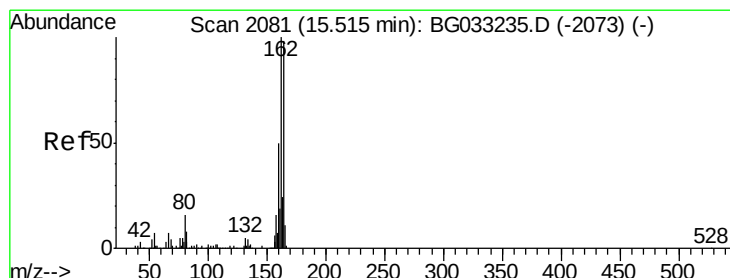
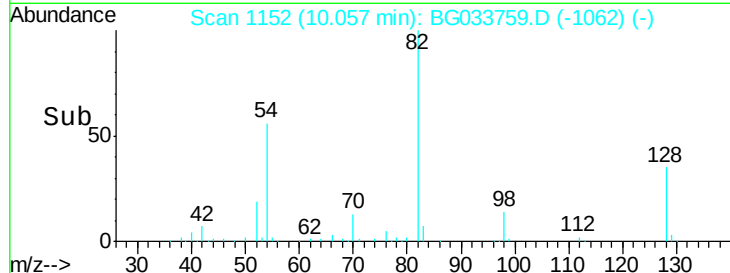
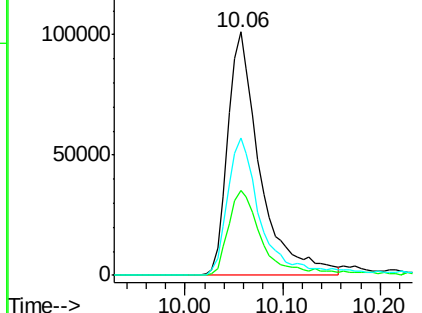
#23
 Nitrobenzene-d5
 Concen: 104.157 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033759.D
 Acq: 11 Apr 2018 23:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	232506
Ion Ratio	Lower	Upper	
82	100		
128	34.8	29.7	44.5
54	56.4	43.1	64.7

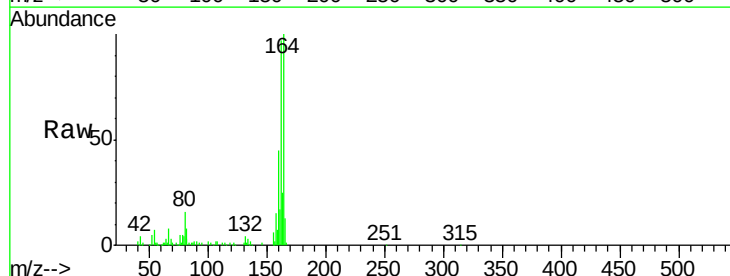


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

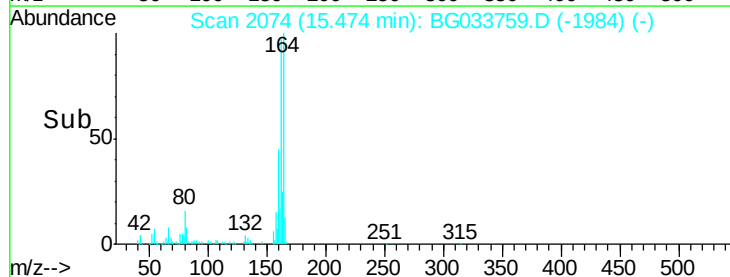
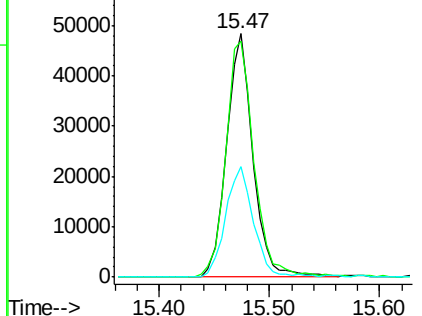


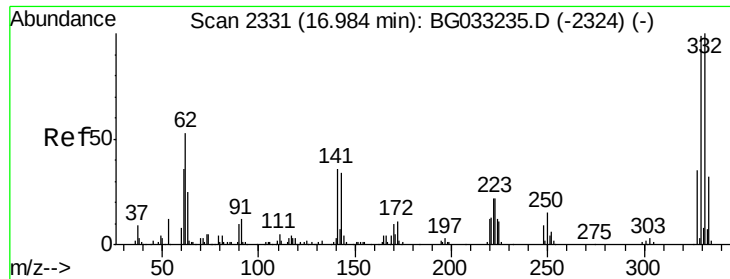
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033759.D
 Acq: 11 Apr 2018 23:48

Tgt Ion	164	Resp	80885
Ion Ratio	Lower	Upper	
164	100		
162	97.0	78.8	118.2
160	45.3	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

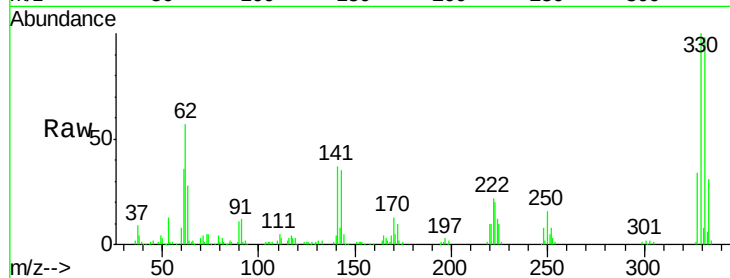




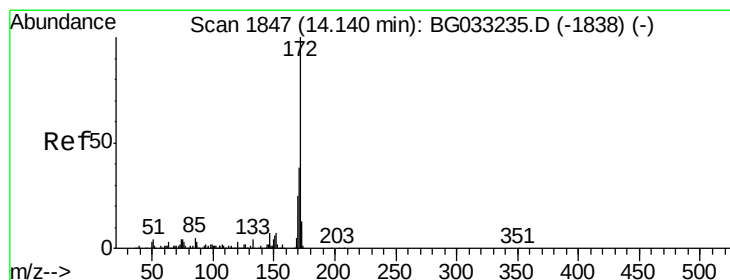
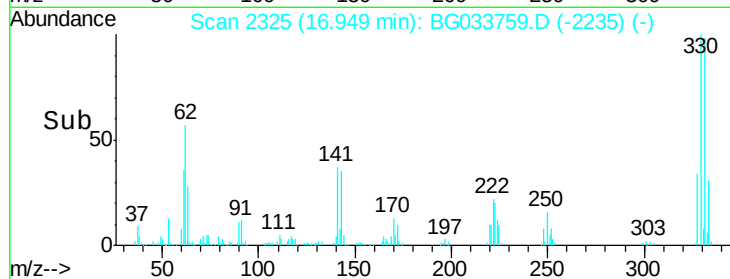
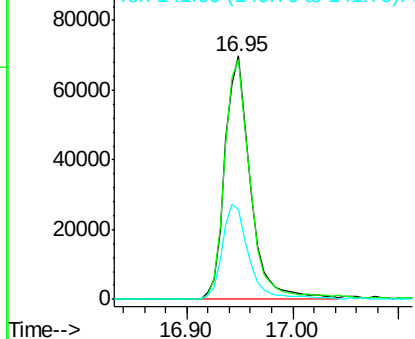
#41
 2,4,6-Tribromophenol
 Concen: 97.104 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033759.D
 Acq: 11 Apr 2018 23:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 117470
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 40.7 25.2 37.8#

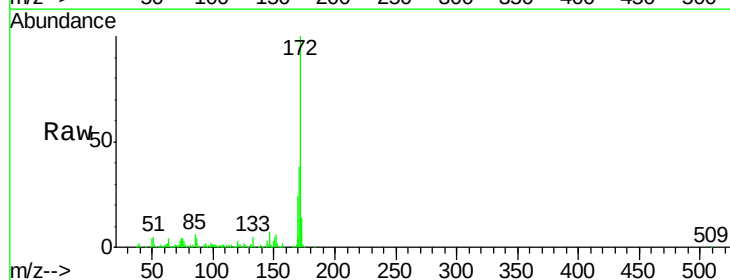


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

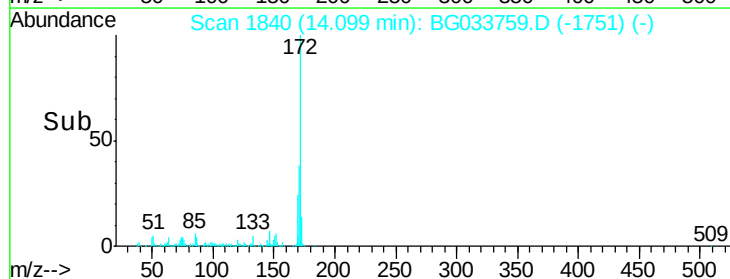
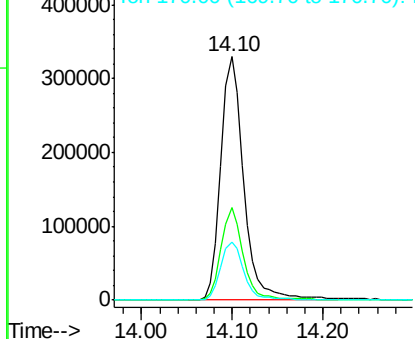


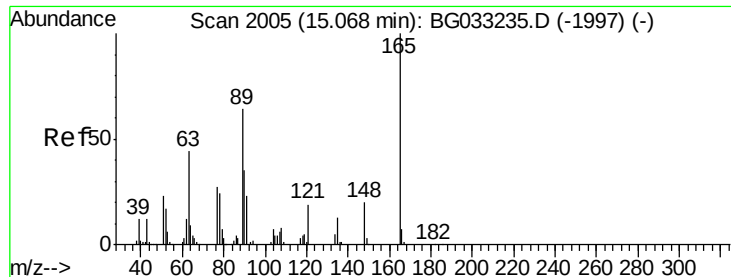
#44
 2-Fluorobiphenyl
 Concen: 103.803 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033759.D
 Acq: 11 Apr 2018 23:48

Tgt Ion:172 Resp: 581597
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 24.0 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

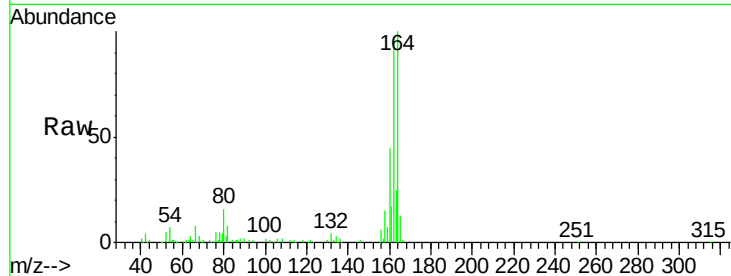




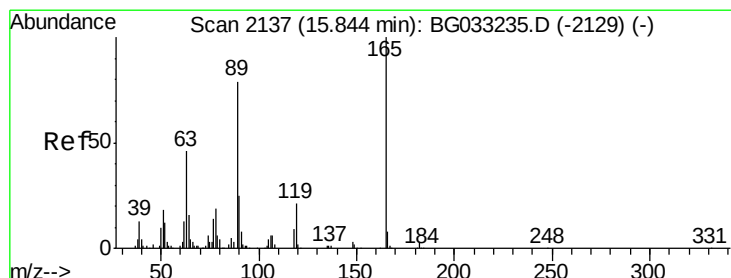
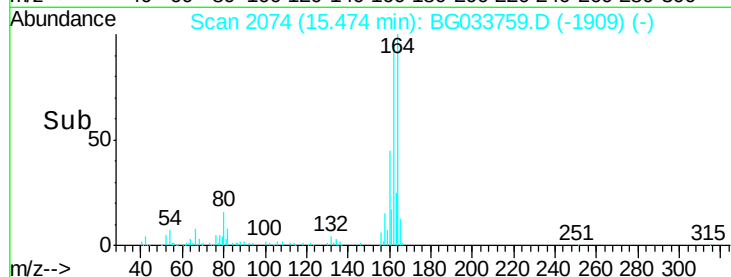
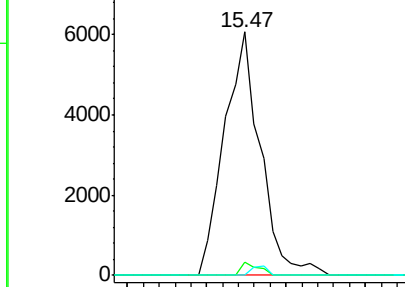
#50
2,6-Dinitrotoluene
Concen: 6.659 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033759.D
Acq: 11 Apr 2018 23:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 9585
Ion Ratio Lower Upper
165 100
63 5.5 52.7 79.1#
89 0.0 49.2 73.8#

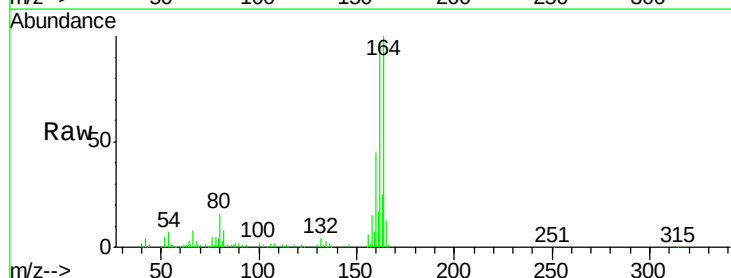


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

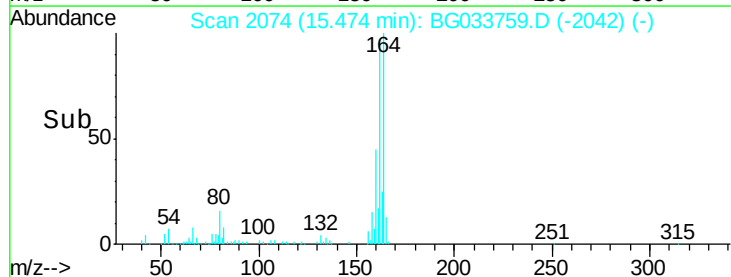
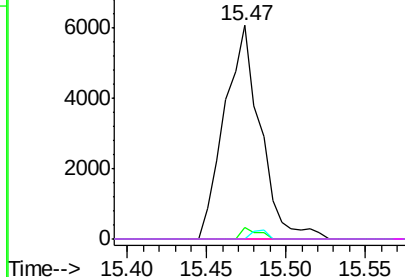


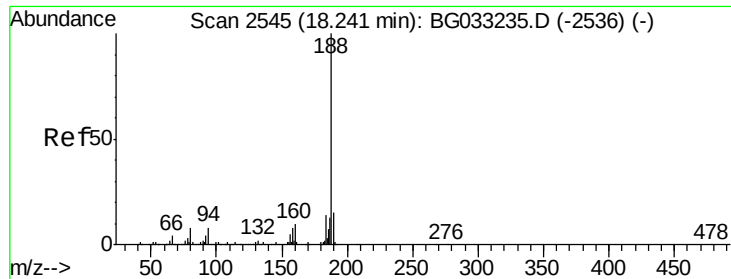
#56
2,4-Dinitrotoluene
Concen: 4.523 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033759.D
Acq: 11 Apr 2018 23:48

Tgt Ion:165 Resp: 9585
Ion Ratio Lower Upper
165 100
63 5.5 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



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
Ion 182.00 (181.70 to 182.70): E

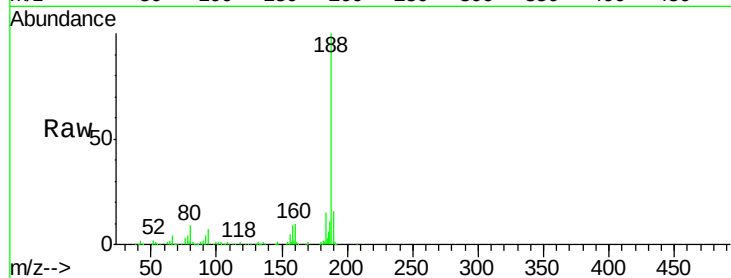




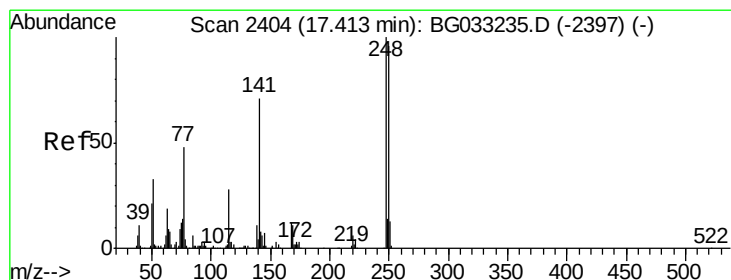
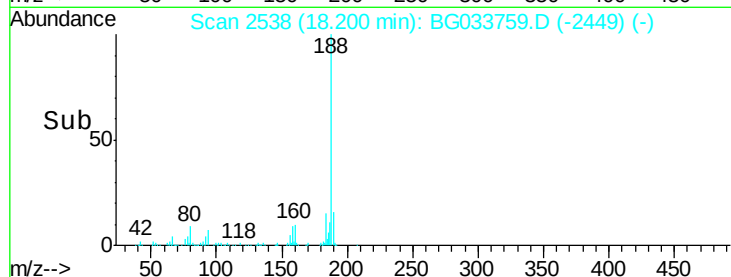
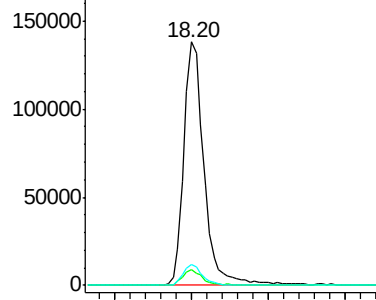
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033759.D
Acq: 11 Apr 2018 23:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	8.8	7.7	11.5

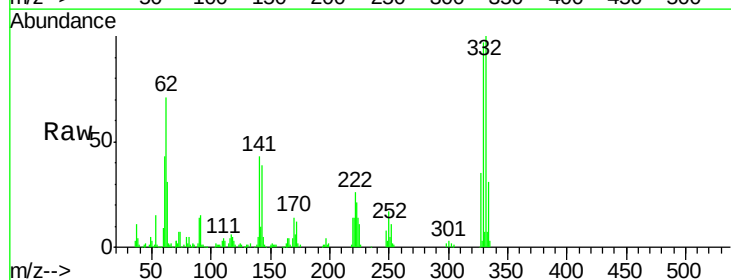


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

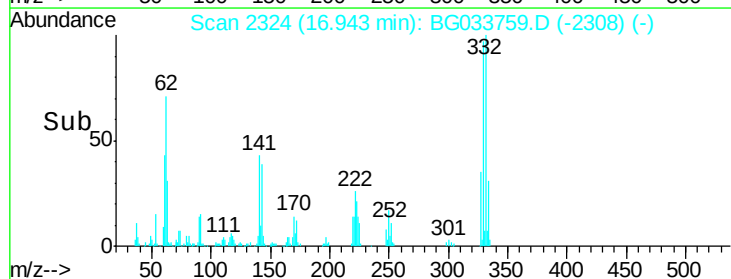
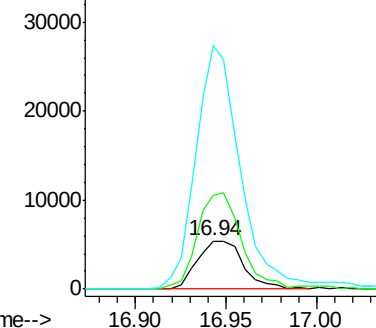


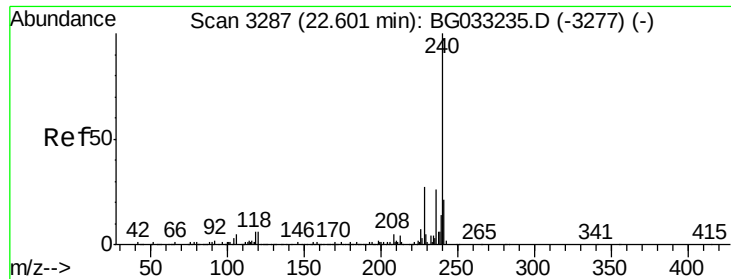
#66
4-Bromophenyl-phenylether
Concen: 3.208 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033759.D
Acq: 11 Apr 2018 23:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	196.1	77.1	115.7#
141	506.9	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

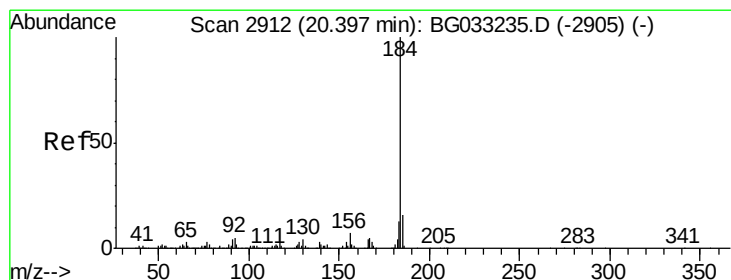
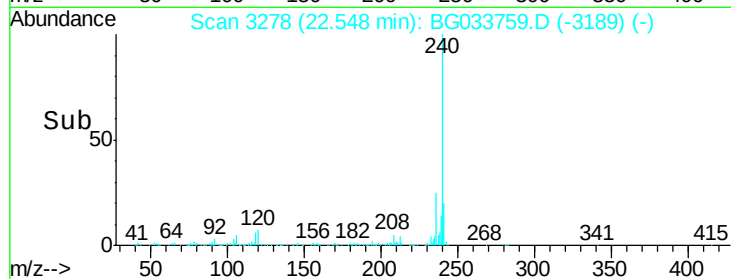
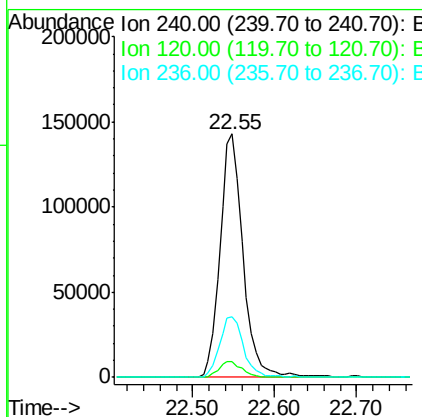
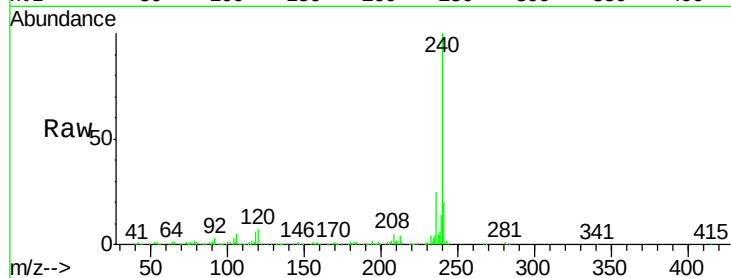




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BG033759.D
Acq: 11 Apr 2018 23:48

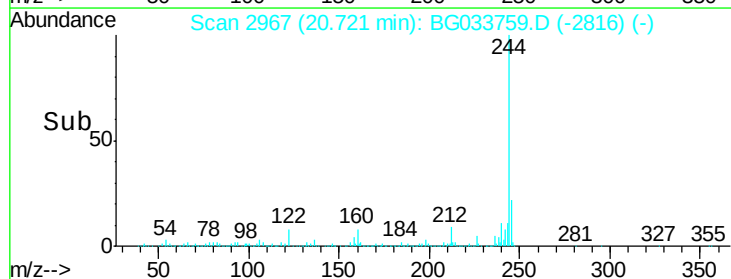
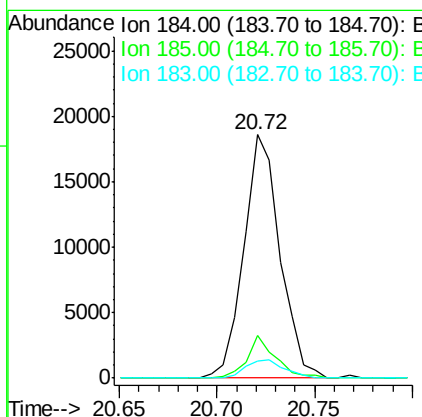
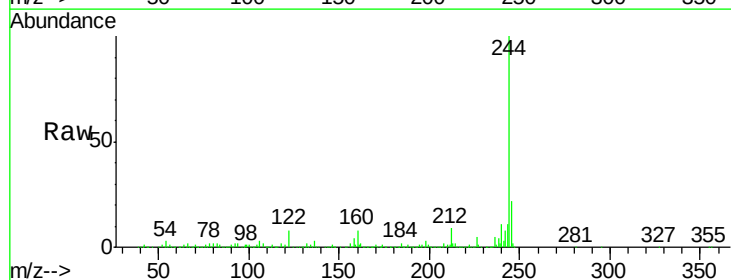
Instrument :
BNA_G
ClientSampleId :

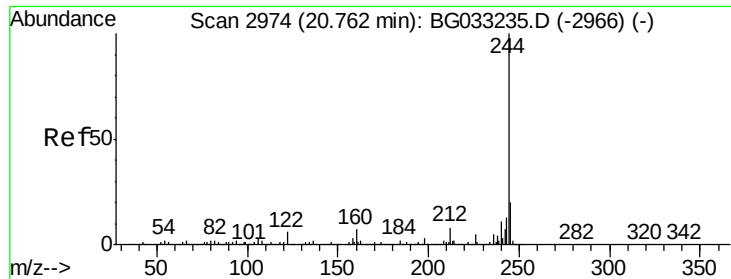
Tot Ion:240 Resp: 279877
Ion Ratio Lower Upper
240 100
120 6.6 6.8 10.2#
236 24.8 20.9 31.3



#76
Benzidine
Concen: 3.150 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.36 min
Lab File: BG033759.D
Acq: 11 Apr 2018 23:48

Tgt Ion:184 Resp: 23907
Ion Ratio Lower Upper
184 100
185 17.3 11.1 16.7#
183 6.9 10.6 16.0#





#78

Terphenyl-d14

Concen: 101.582 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033759.D

Acq: 11 Apr 2018 23:48

Instrument :

BNA_G

ClientSampleId :

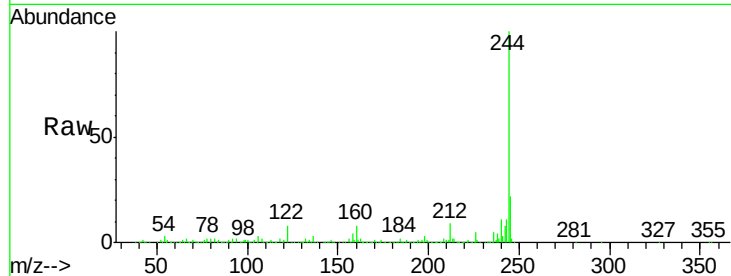
Tot Ion:244 Resp: 1329392

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

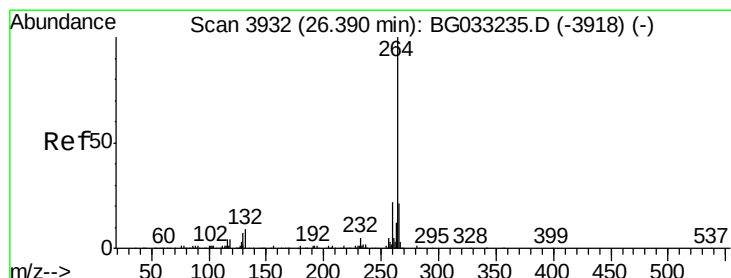
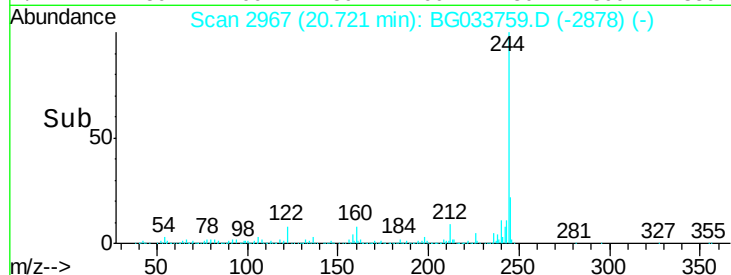
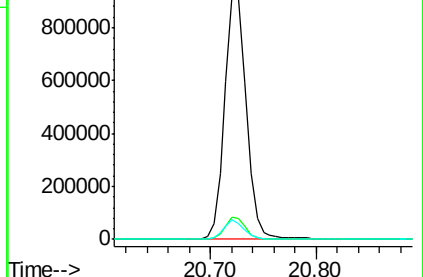
122 8.0 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.30 min Scan# 3917

Delta R.T. -0.00 min

Lab File: BG033759.D

Acq: 11 Apr 2018 23:48

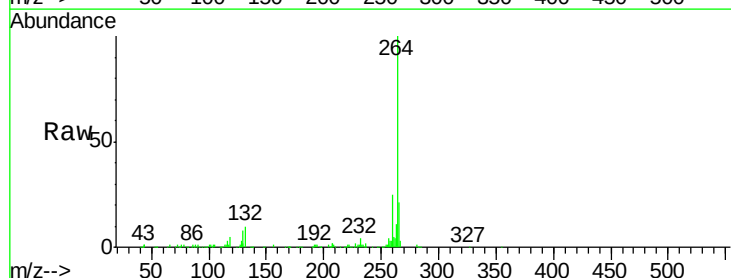
Tgt Ion:264 Resp: 293570

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 21.3 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

