

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033761.D
 Acq On : 12 Apr 2018 1:03
 Operator : SJ/JU
 Sample : J2321-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 03:18:07 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

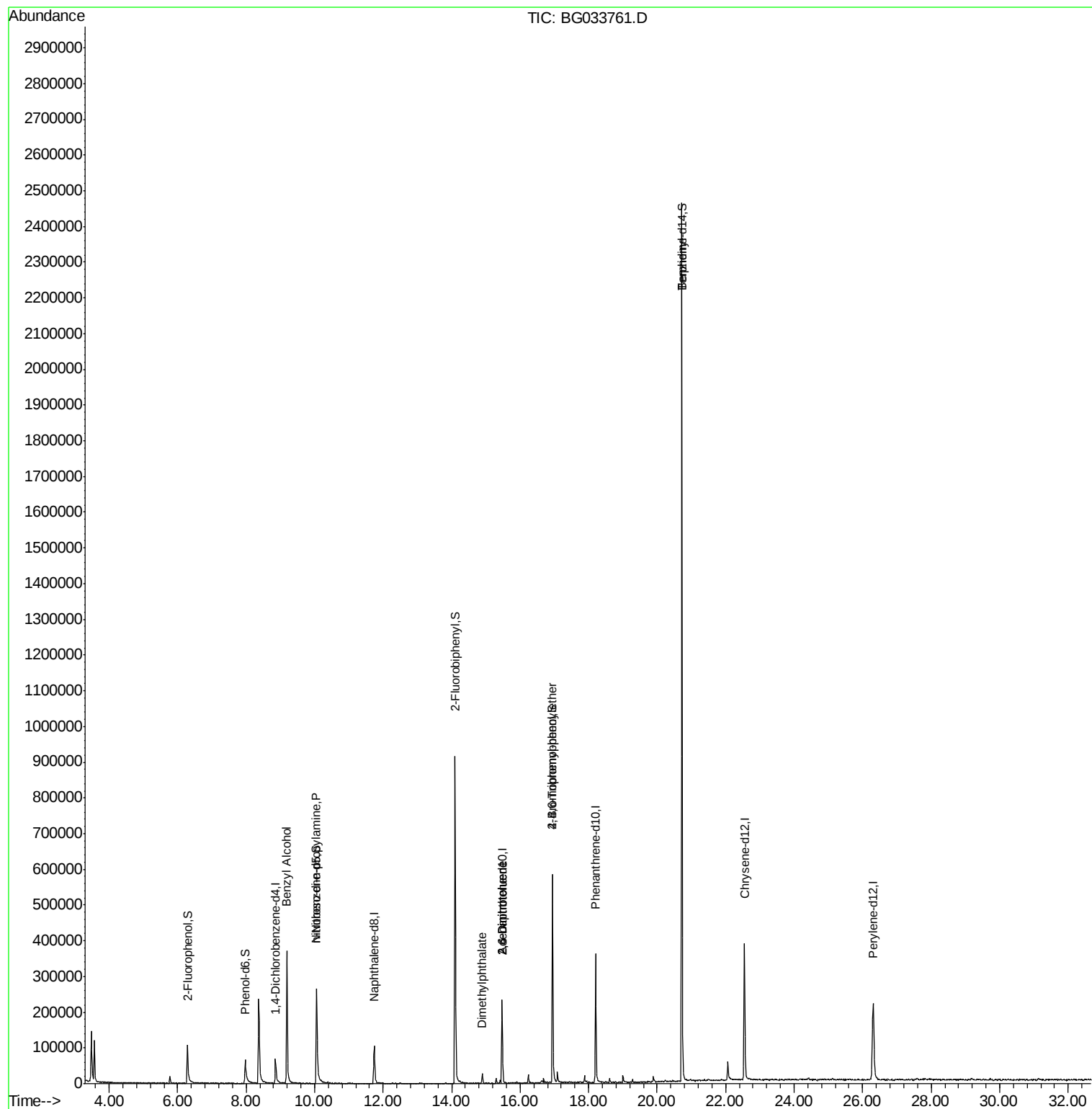
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	24939	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	111149	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	89603	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	254894	20.00	ng	0.00
75) Chrysene-d12	22.54	240	282358	20.00	ng	0.00
86) Perylene-d12	26.31	264	302767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	62576	47.05	ng	0.00
7) Phenol-d6	7.97	99	62389	27.30	ng	0.00
23) Nitrobenzene-d5	10.06	82	233570	96.55	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	111810	83.43	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	524170	84.45	ng	0.00
78) Terphenyl-d14	20.72	244	1209501	91.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	3750	2.084	ng	# 58
19) n-Nitroso-di-n-propylamine	10.05	70	30343	18.121	ng	# 76
49) Dimethylphthalate	14.89	163	20225	2.594	ng	# 97
50) 2,6-Dinitrotoluene	15.47	165	10573	6.631	ng	# 18
56) 2,4-Dinitrotoluene	15.47	165	10573	4.504	ng	# 16
66) 4-Bromophenyl-phenylether	16.94	248	8692	2.904	ng	# 1
76) Benizidine	20.72	184	20506	2.678	ng	# 90

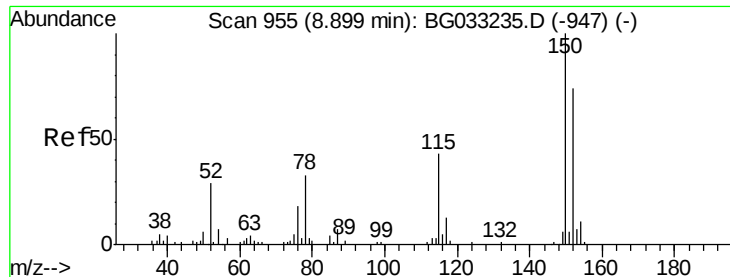
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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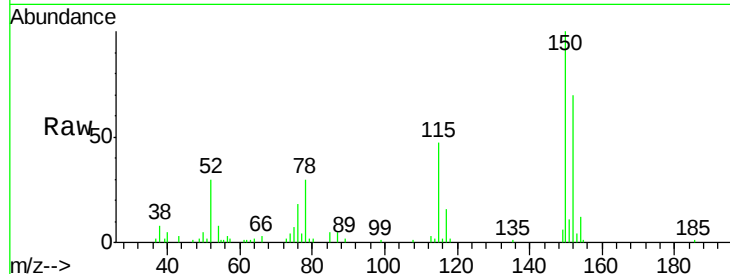


#1

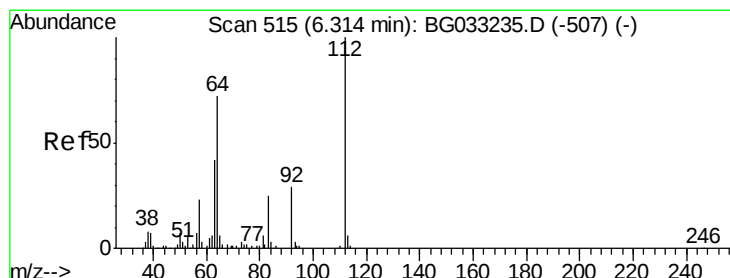
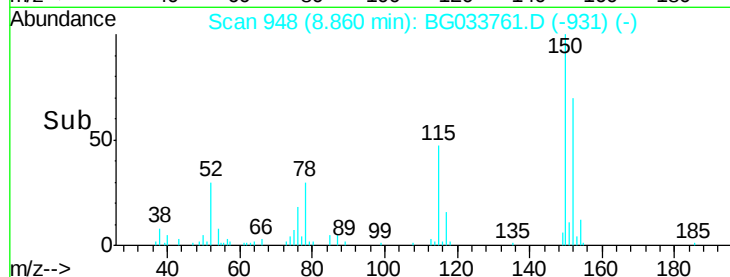
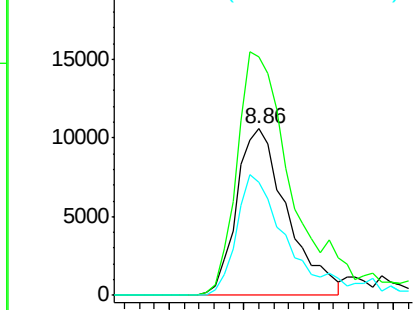
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033761.D
Acq: 12 Apr 2018 1:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.4	126.6	189.8
115	67.7	53.0	79.4



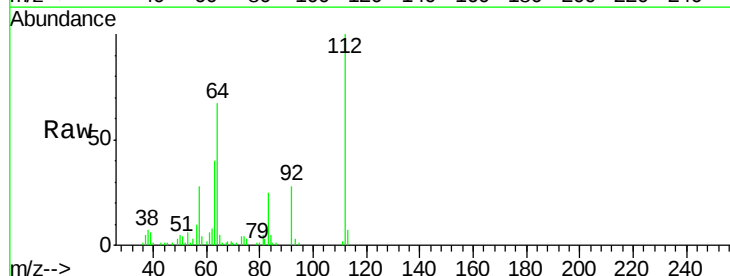
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



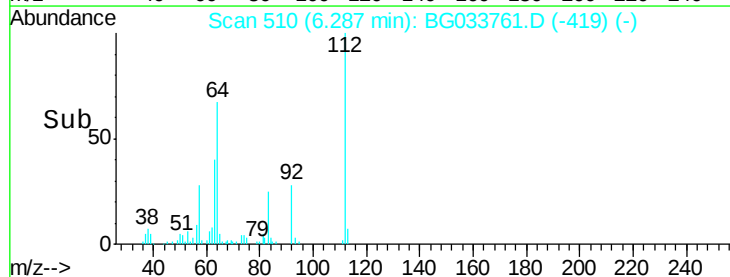
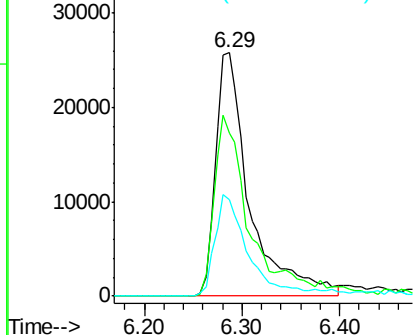
#5

2-Fluorophenol
Concen: 47.050 ng
RT: 6.29 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033761.D
Acq: 12 Apr 2018 1:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	56.3	84.5
63	39.7	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: 27.301 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033761.D

Acq: 12 Apr 2018 1:03

Instrument :

BNA_G

ClientSampled :

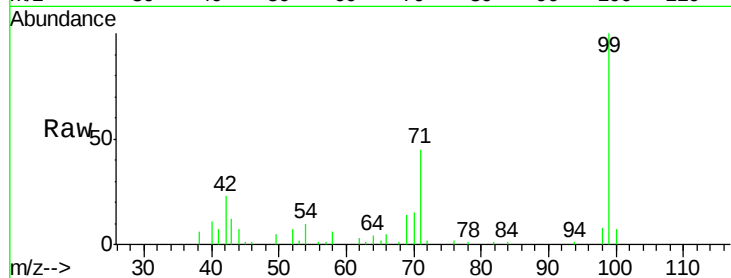
Tot Ion: 99 Resp: 62389

Ion Ratio Lower Upper

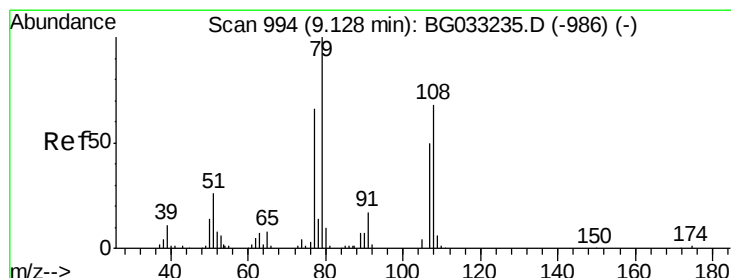
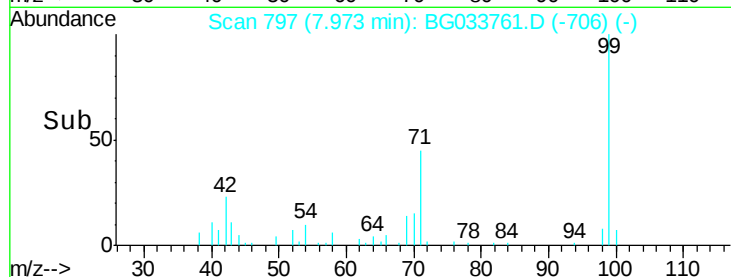
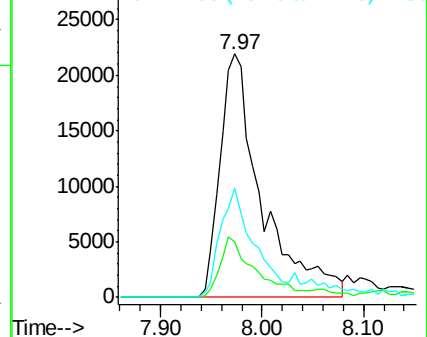
99 100

42 22.8 14.1 21.1#

71 45.1 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: 2.084 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.10 min

Lab File: BG033761.D

Acq: 12 Apr 2018 1:03

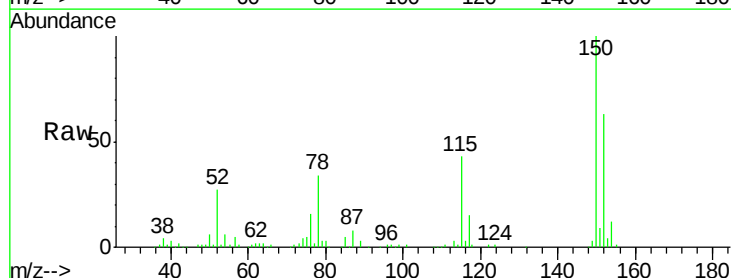
Tgt Ion: 79 Resp: 3750

Ion Ratio Lower Upper

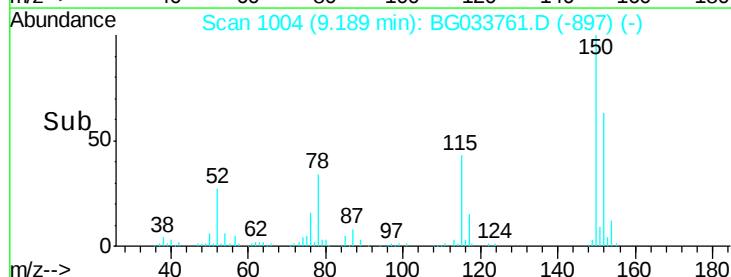
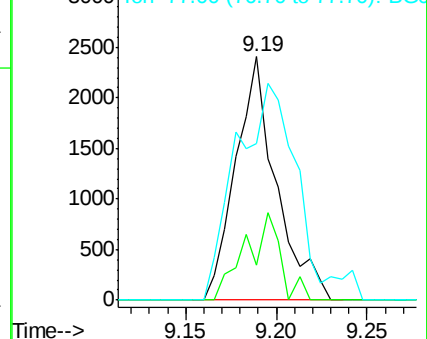
79 100

108 14.3 57.2 85.8#

77 64.2 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

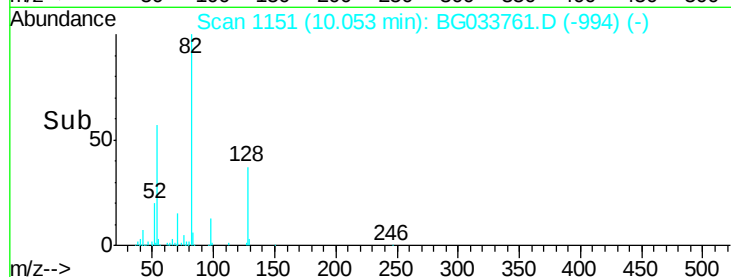
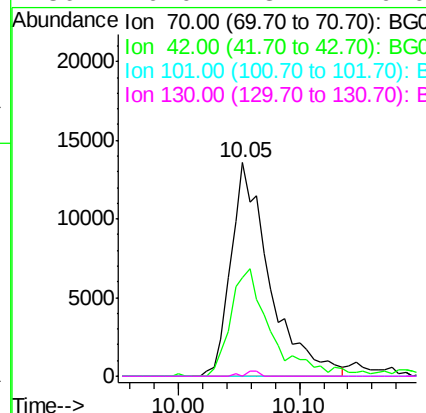
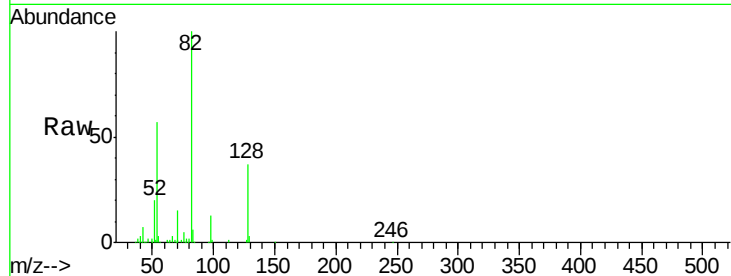




#19
n-Nitroso-di-n-propylamine
Concen: 18.121 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033761.D
Acq: 12 Apr 2018 1:03

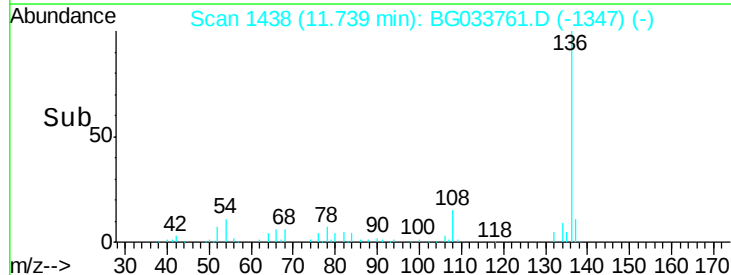
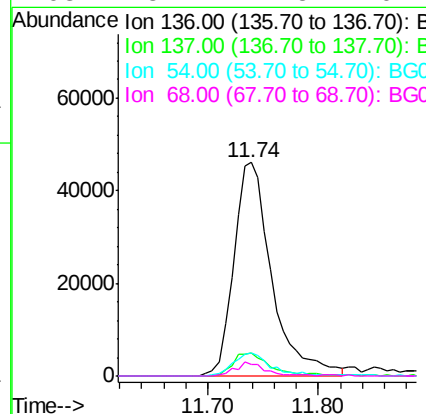
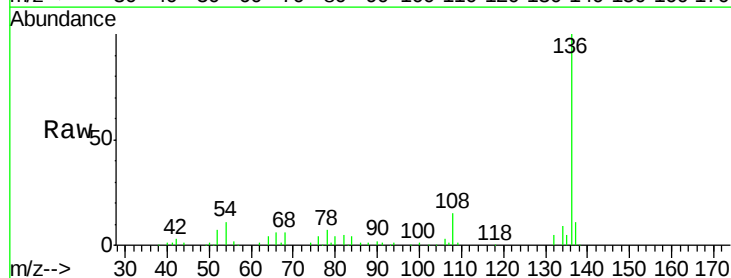
Instrument :
BNA_G
ClientSampleId :

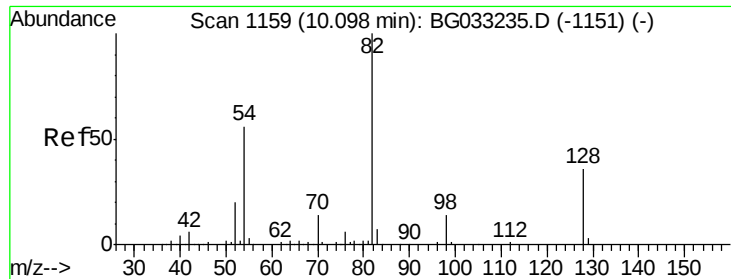
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033761.D
Acq: 12 Apr 2018 1:03

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	10.9	10.3	15.5
68	5.7	4.5	6.7

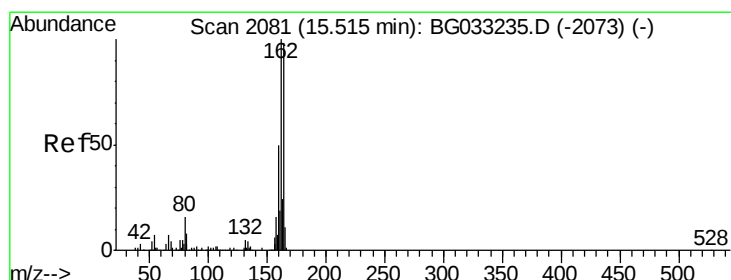
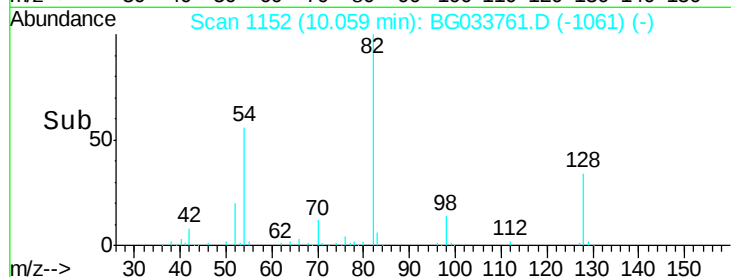
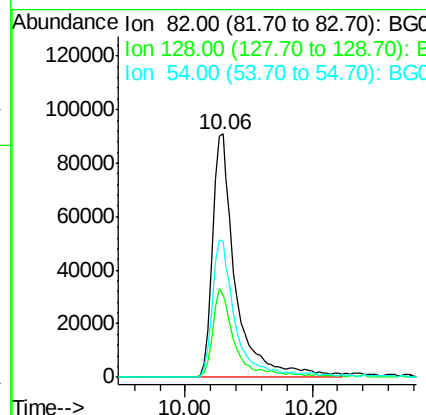
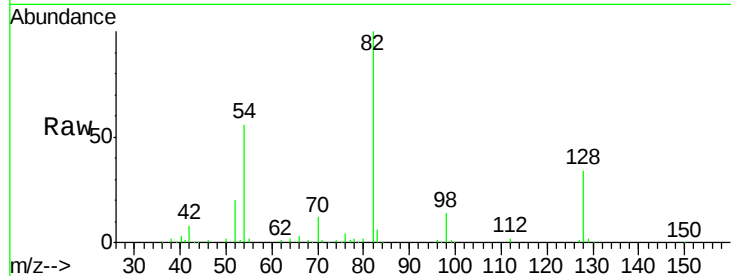




#23
 Nitrobenzene-d5
 Concen: 96.547 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033761.D
 Acq: 12 Apr 2018 1:03

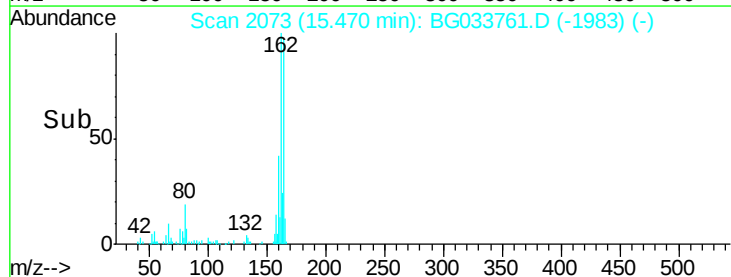
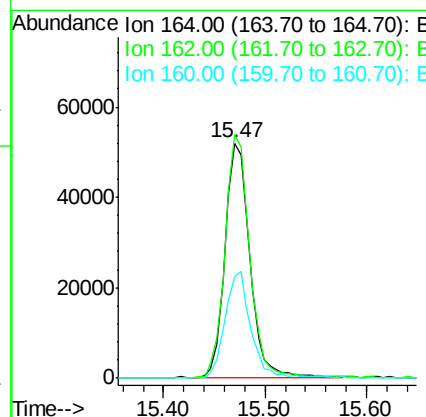
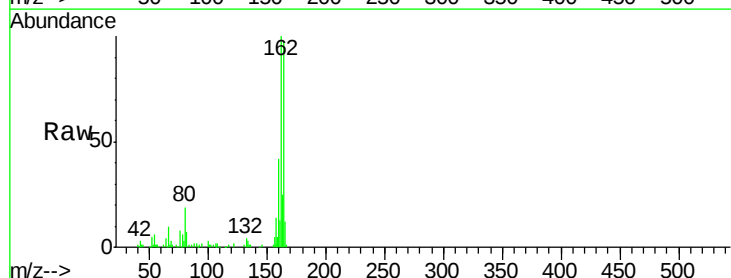
Instrument :
 BNA_G
 ClientSampleId :

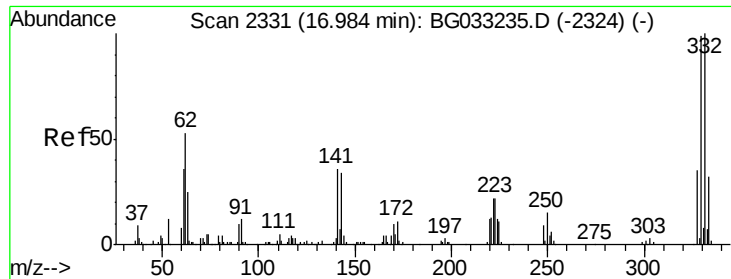
Tot Ion: 82 Resp: 233570
 Ion Ratio Lower Upper
 82 100
 128 34.1 29.7 44.5
 54 56.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033761.D
 Acq: 12 Apr 2018 1:03

Tgt Ion:164 Resp: 89603
 Ion Ratio Lower Upper
 164 100
 162 103.6 78.8 118.2
 160 43.3 35.4 53.0

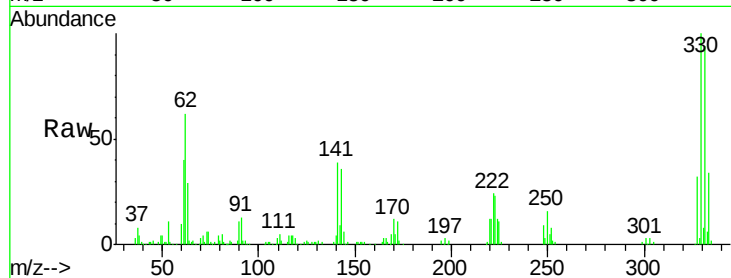




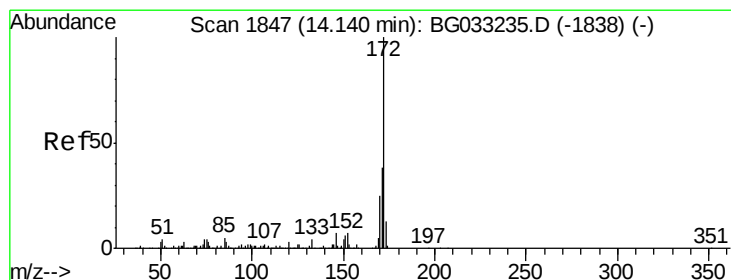
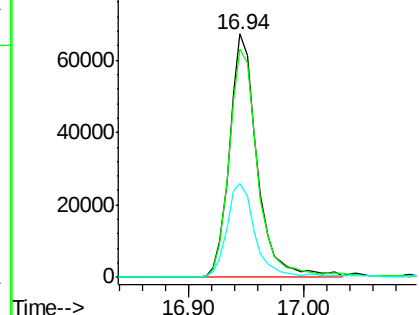
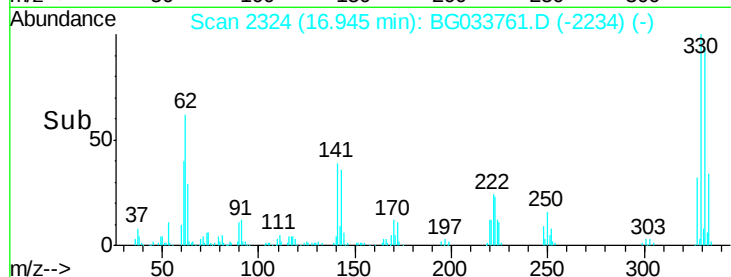
#41
 2,4,6-Tribromophenol
 Concen: 83.433 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033761.D
 Acq: 12 Apr 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 111810
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 39.5 25.2 37.8#

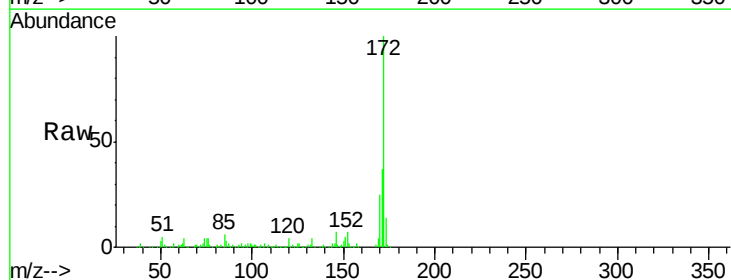


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

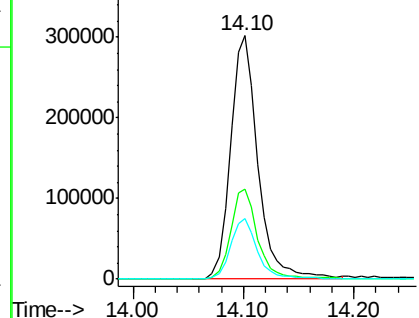
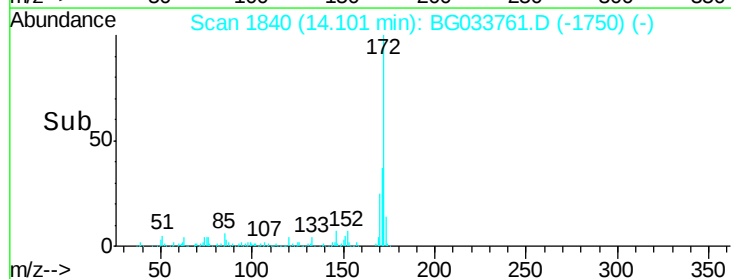


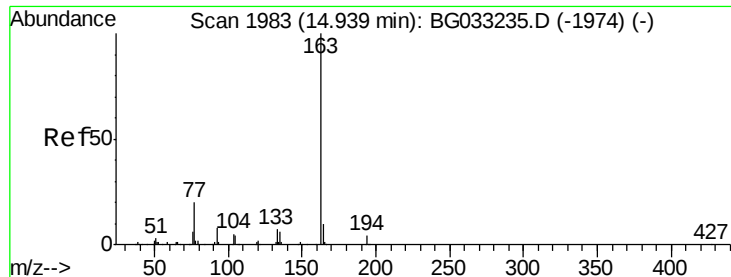
#44
 2-Fluorobiphenyl
 Concen: 84.451 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033761.D
 Acq: 12 Apr 2018 1:03

Tgt Ion:172 Resp: 524170
 Ion Ratio Lower Upper
 172 100
 171 36.8 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





#49

Dimethylphthalate

Concen: 2.594 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG033761.D

Acq: 12 Apr 2018 1:03

Instrument :

BNA_G

ClientSampleId :

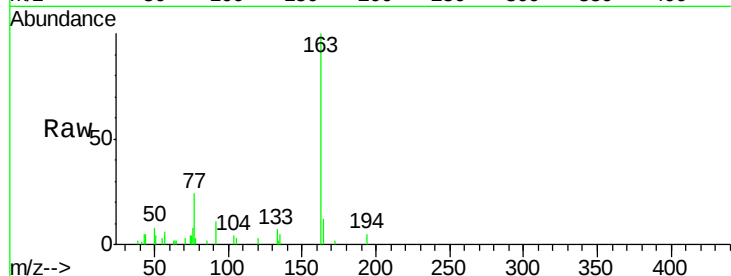
Tot Ion:163 Resp: 20225

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2#

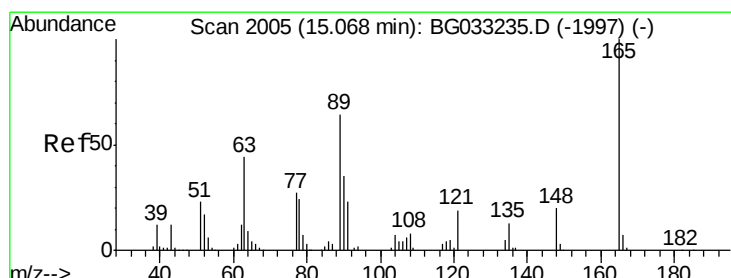
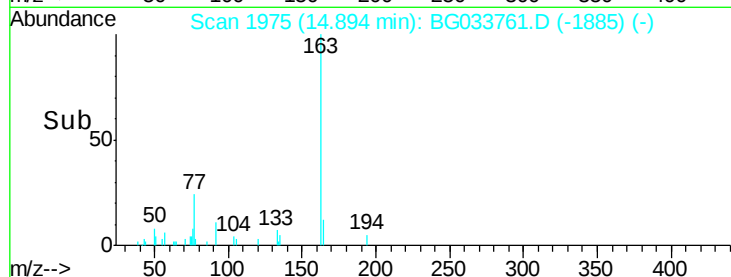
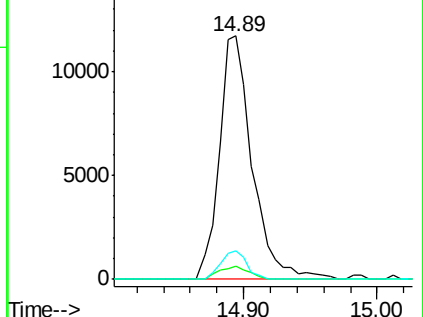
164 11.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 6.631 ng

RT: 15.47 min Scan# 2073

Delta R.T. 0.44 min

Lab File: BG033761.D

Acq: 12 Apr 2018 1:03

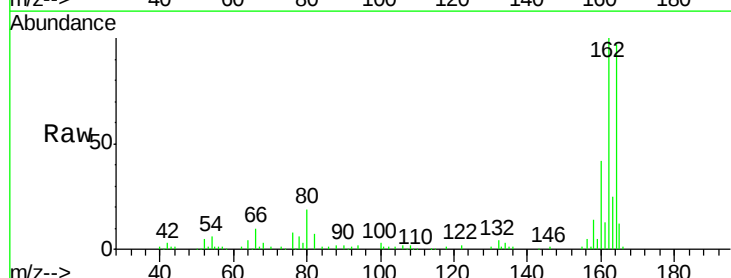
Tgt Ion:165 Resp: 10573

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

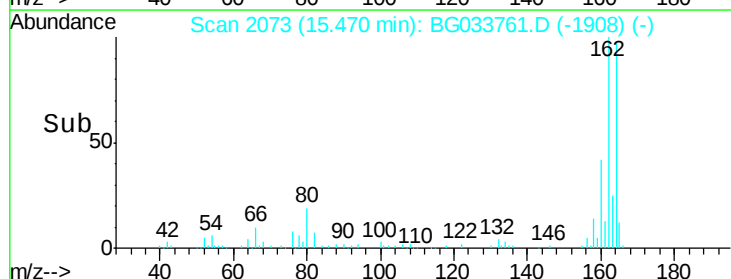
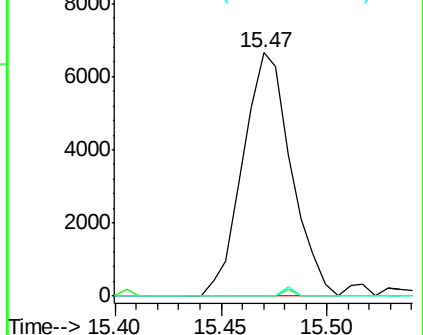
89 0.0 49.2 73.8#



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

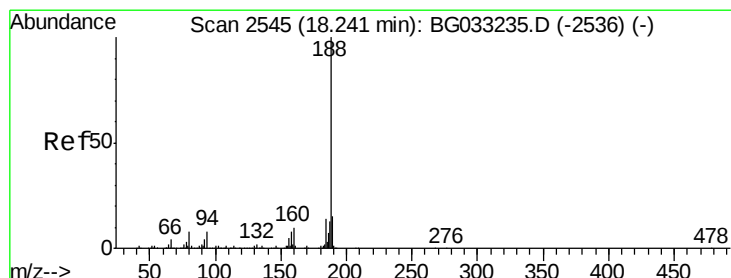
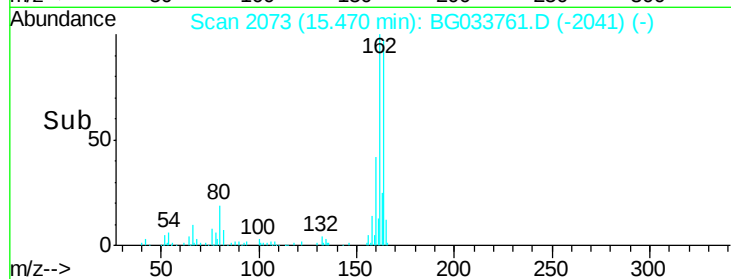
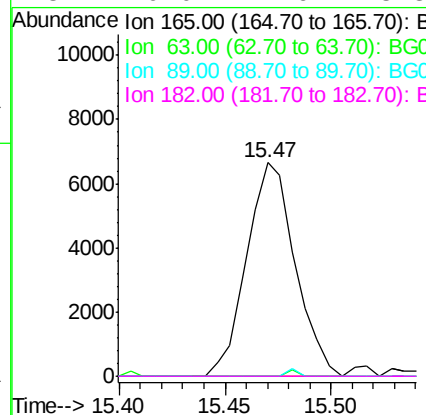
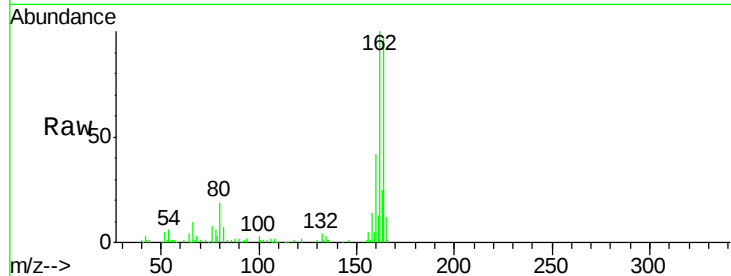




#56
 2,4-Dinitrotoluene
 Concen: 4.504 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.34 min
 Lab File: BG033761.D
 Acq: 12 Apr 2018 1:03

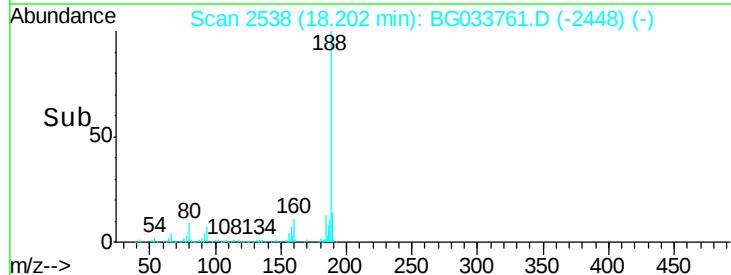
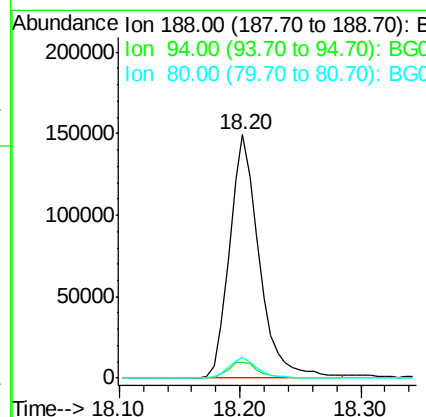
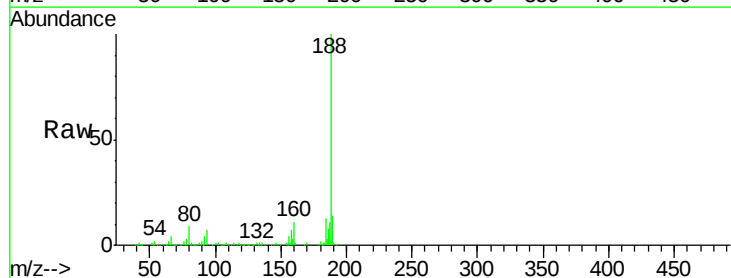
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 10573
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 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. -0.00 min
 Lab File: BG033761.D
 Acq: 12 Apr 2018 1:03

Tgt Ion:188 Resp: 254894
 Ion Ratio Lower Upper
 188 100
 94 6.5 6.9 10.3#
 80 8.5 7.7 11.5

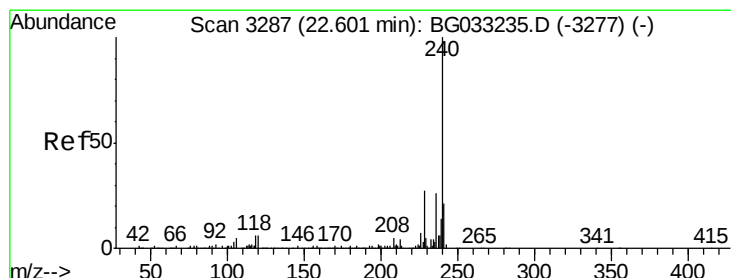
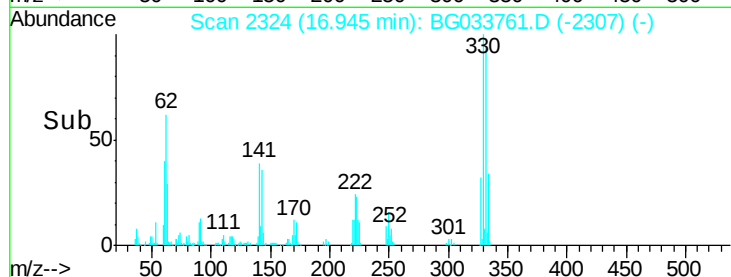
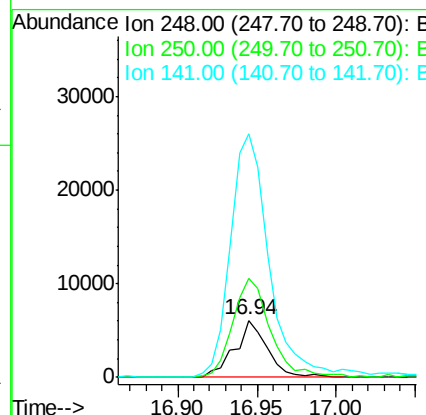
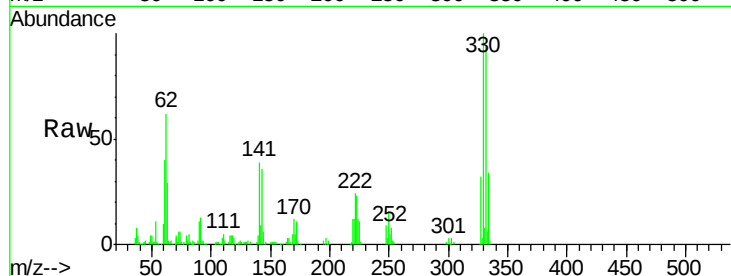




#66
4-Bromophenyl-phenylether
Concen: 2.904 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033761.D
Acq: 12 Apr 2018 1:03

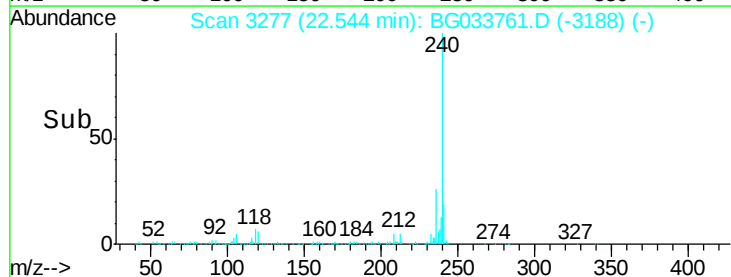
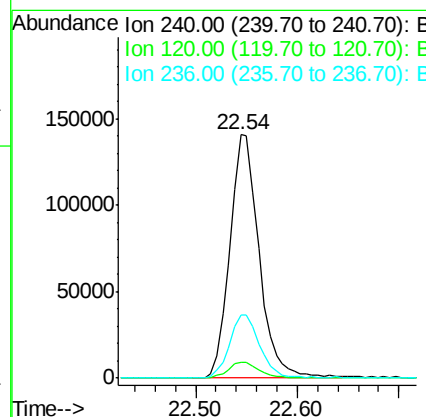
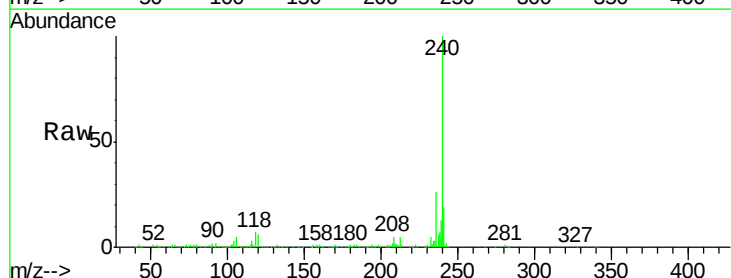
Instrument :
BNA_G
ClientSampleId :

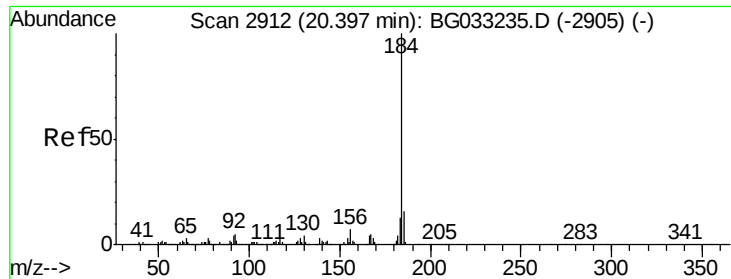
Tot Ion:248 Resp: 8692
Ion Ratio Lower Upper
248 100
250 173.9 77.1 115.7#
141 428.7 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.01 min
Lab File: BG033761.D
Acq: 12 Apr 2018 1:03

Tgt Ion:240 Resp: 282358
Ion Ratio Lower Upper
240 100
120 6.3 6.8 10.2#
236 25.9 20.9 31.3

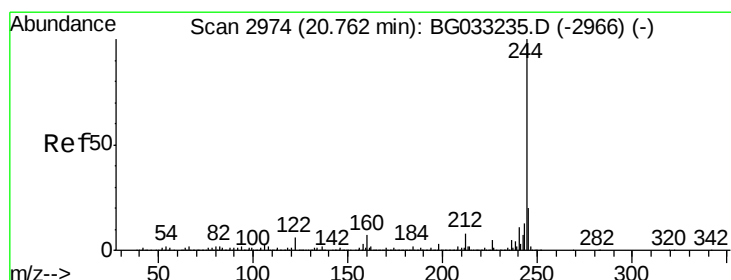
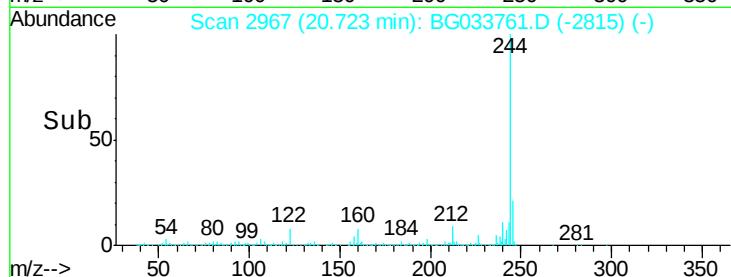
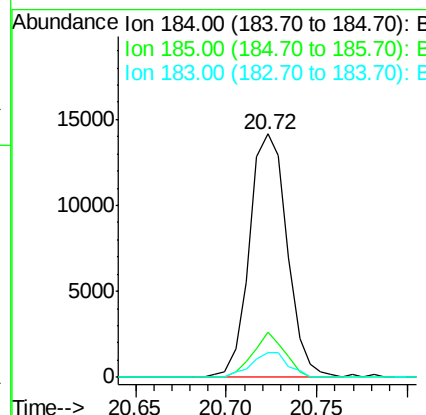
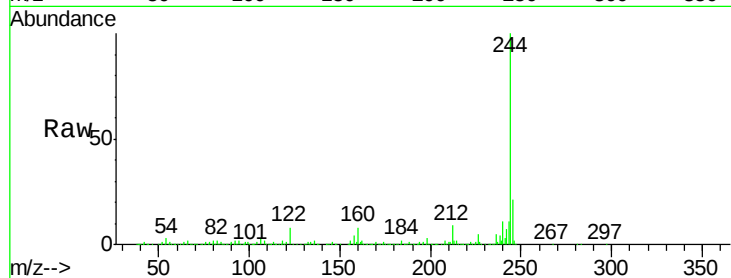




#76
Benzidine
Concen: 2.678 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.36 min
Lab File: BG033761.D
Acq: 12 Apr 2018 1:03

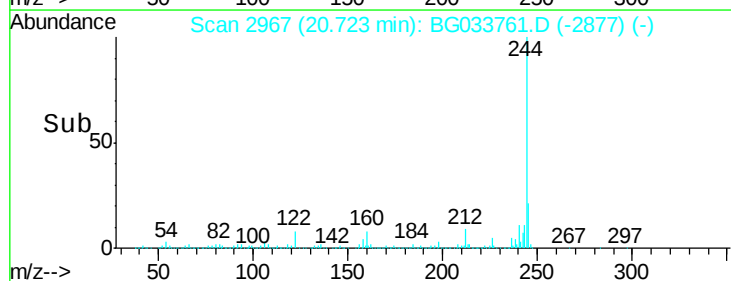
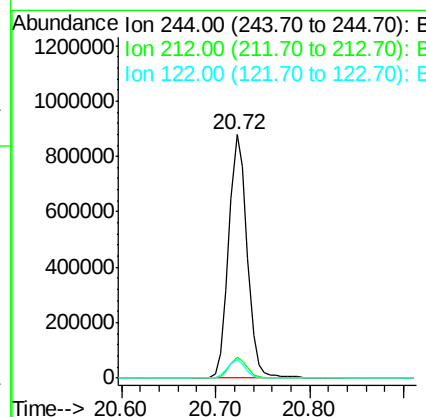
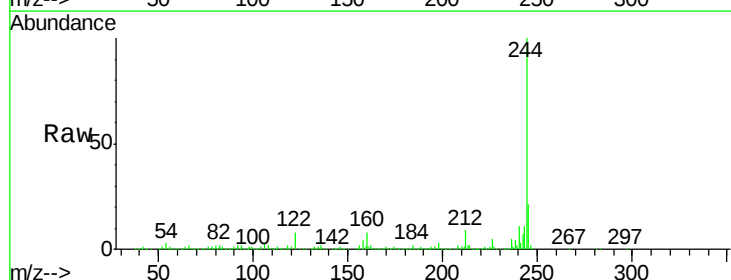
Instrument :
BNA_G
ClientSampleId :

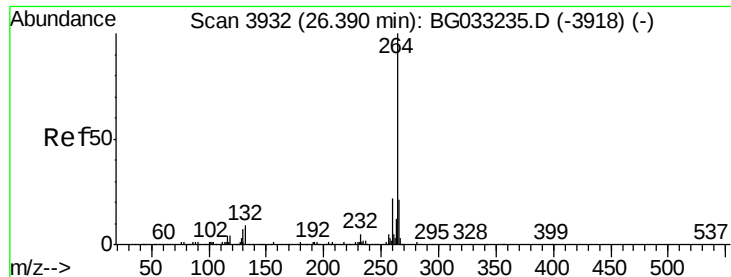
Tot Ion:184 Resp: 20506
Ion Ratio Lower Upper
184 100
185 18.8 11.1 16.7#
183 10.1 10.6 16.0#



#78
Terphenyl-d14
Concen: 91.609 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BG033761.D
Acq: 12 Apr 2018 1:03

Tgt Ion:244 Resp: 1209501
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.8
122 7.5 7.0 10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BG033761.D
Acq: 12 Apr 2018 1:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	22.8	17.7	26.5

