

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033661.D
 Acq On : 7 Apr 2018 11:47
 Operator : SJ/JU
 Sample : J2225-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 09 02:01:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

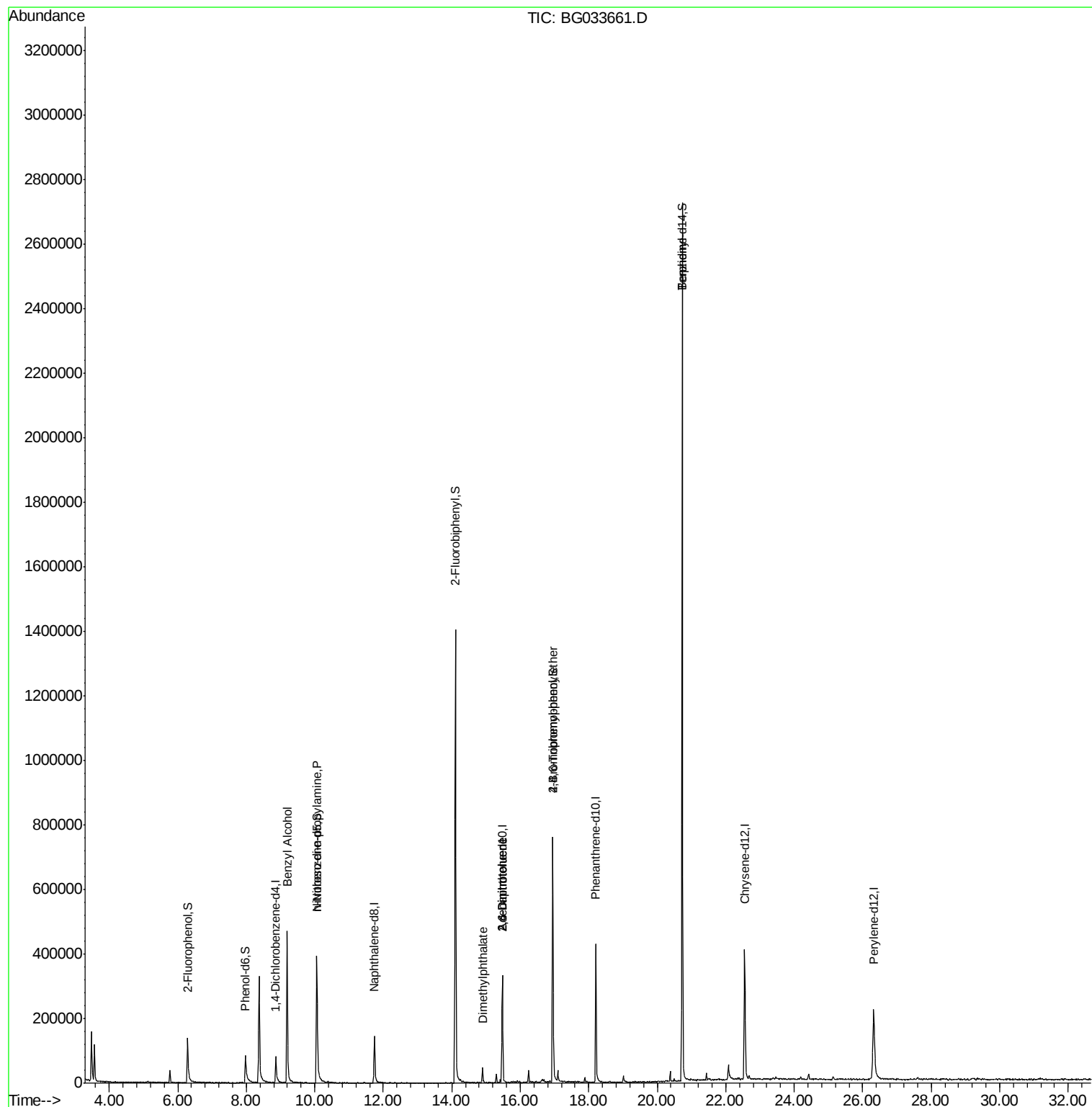
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31092	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	149226	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	124605	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	309338	20.00	ng	0.00
75) Chrysene-d12	22.55	240	315693	20.00	ng	0.00
86) Perylene-d12	26.32	264	317159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	78390	47.28	ng	0.00
7) Phenol-d6	7.98	99	81191	28.50	ng	0.00
23) Nitrobenzene-d5	10.06	82	325549	100.23	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	152471	81.81	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	788671	91.37	ng	0.00
78) Terphenyl-d14	20.73	244	1390230	94.18	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4910	2.189	ng	# 41
19) n-Nitroso-di-n-propylamine	10.06	70	42520	20.367	ng	# 77
49) Dimethylphthalate	14.90	163	30968	2.856	ng	# 98
50) 2,6-Dinitrotoluene	15.48	165	16362	7.379	ng	# 23
56) 2,4-Dinitrotoluene	15.48	165	16362	5.012	ng	# 21
66) 4-Bromophenyl-phenylether	16.95	248	11491	3.163	ng	# 1
76) Benzydine	20.73	184	24429	2.853	ng	# 92

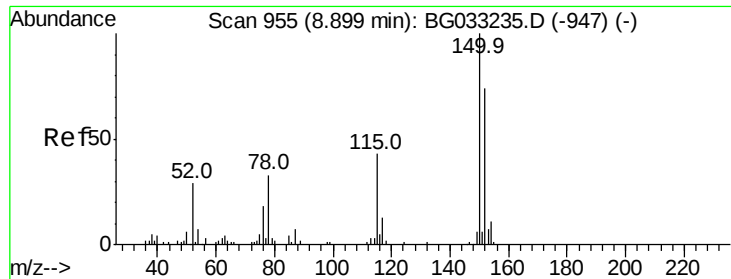
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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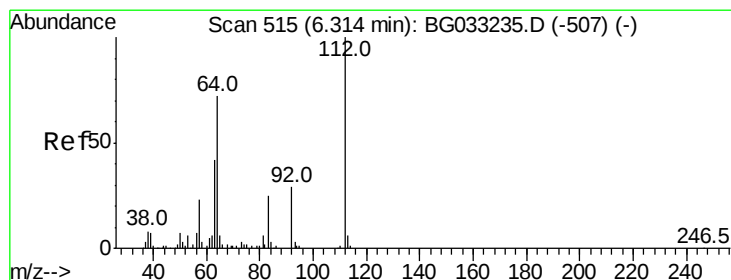
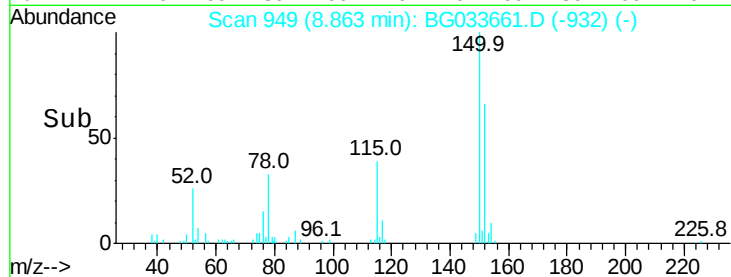
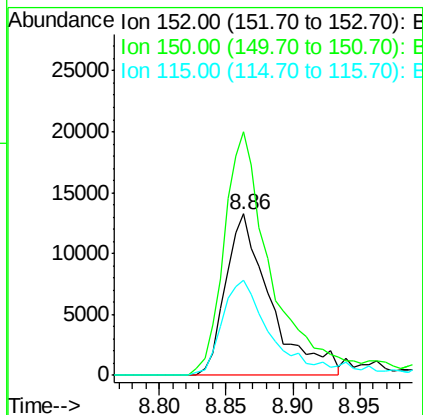
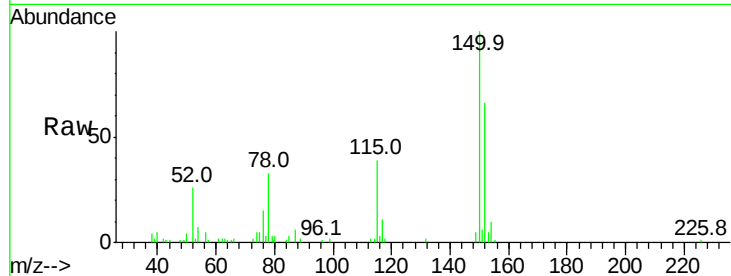


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033661.D
Acq: 7 Apr 2018 11:47

Instrument :
BNA_G
ClientSampled :

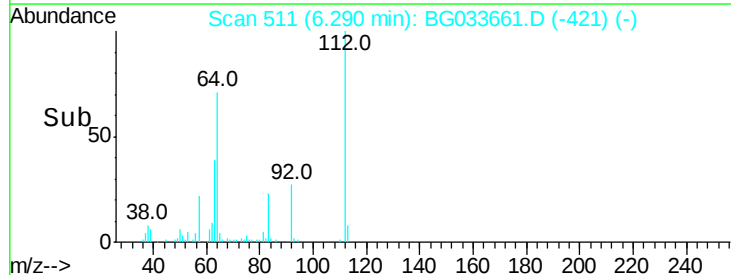
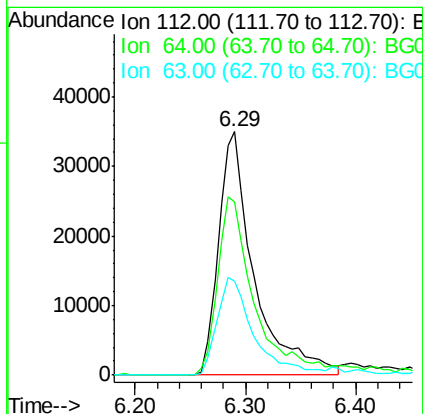
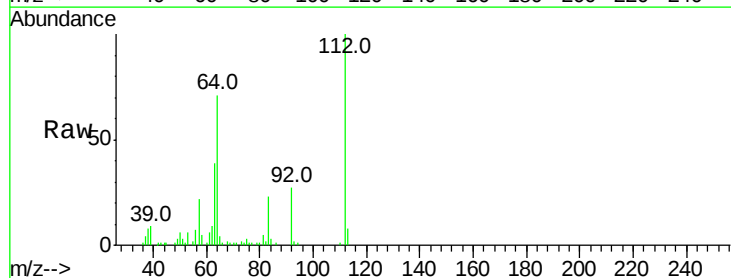
Tot Ion:152 Resp: 31092
Ion Ratio Lower Upper
152 100
150 151.2 126.6 189.8
115 58.7 53.0 79.4

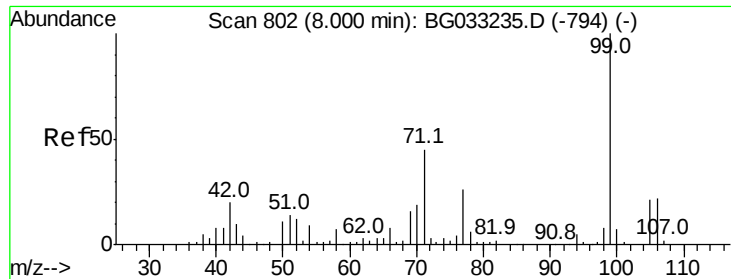


#5

2-Fluorophenol
Concen: 47.276 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033661.D
Acq: 7 Apr 2018 11:47

Tgt Ion:112 Resp: 78390
Ion Ratio Lower Upper
112 100
64 71.1 56.3 84.5
63 38.6 30.1 45.1





#7

Phenol-d6

Concen: 28.498 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033661.D

Acq: 7 Apr 2018 11:47

Instrument :

BNA_G

ClientSampleId :

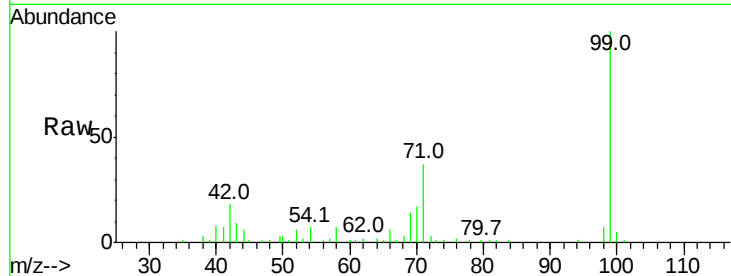
Tot Ion: 99 Resp: 81191

Ion Ratio Lower Upper

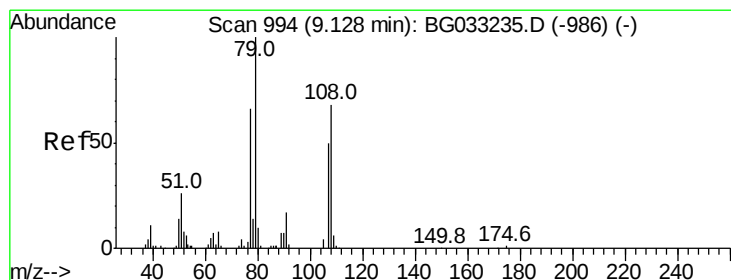
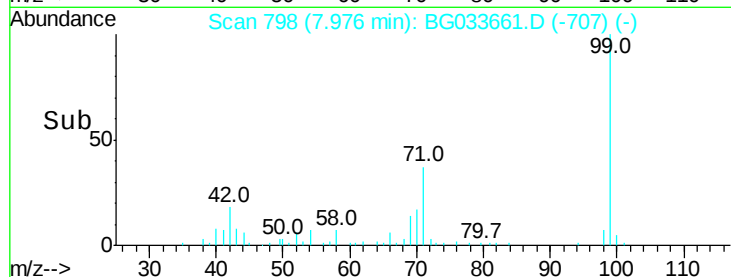
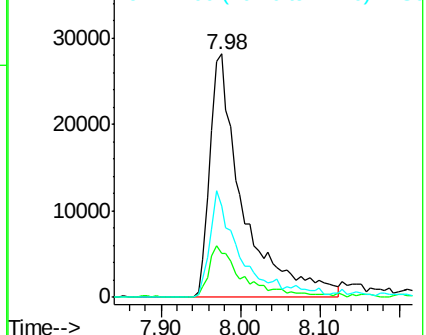
99 100

42 18.2 14.1 21.1

71 37.4 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: 2.189 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033661.D

Acq: 7 Apr 2018 11:47

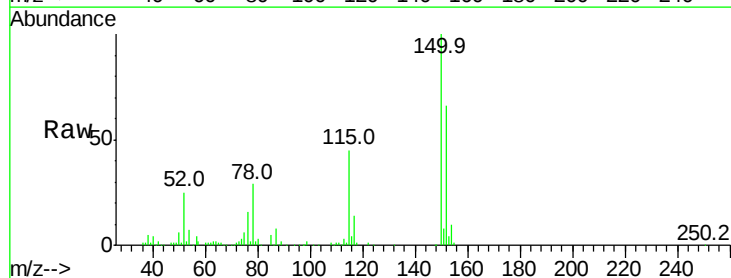
Tgt Ion: 79 Resp: 4910

Ion Ratio Lower Upper

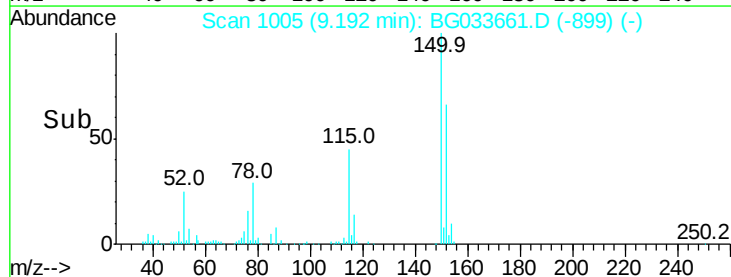
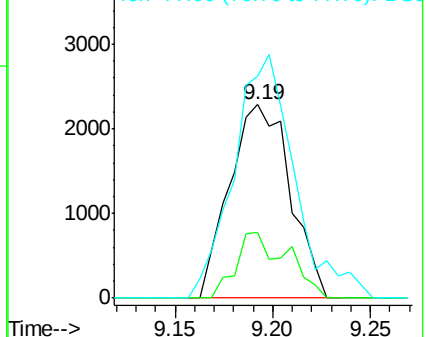
79 100

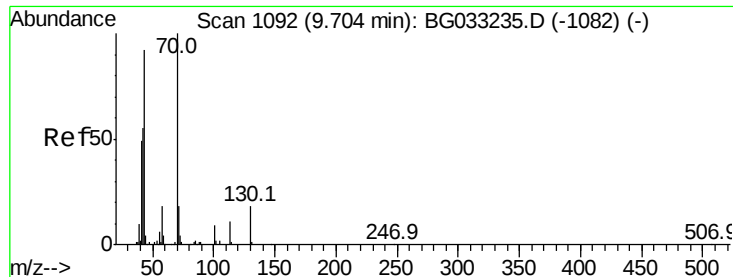
108 34.2 57.2 85.8#

77 114.6 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

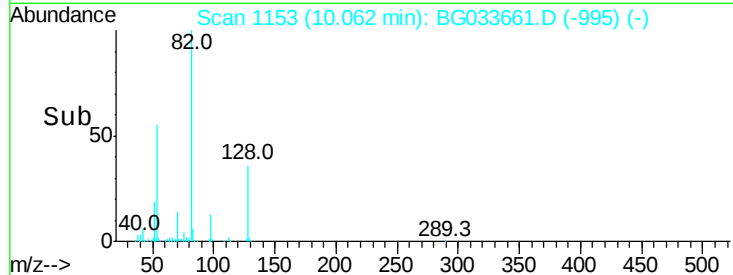
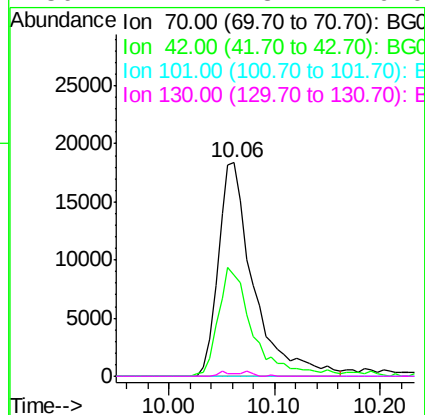
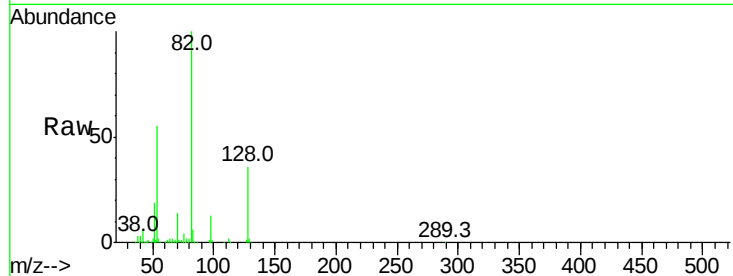




#19
n-Nitroso-di-n-propylamine
Concen: 20.367 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033661.D
Acq: 7 Apr 2018 11:47

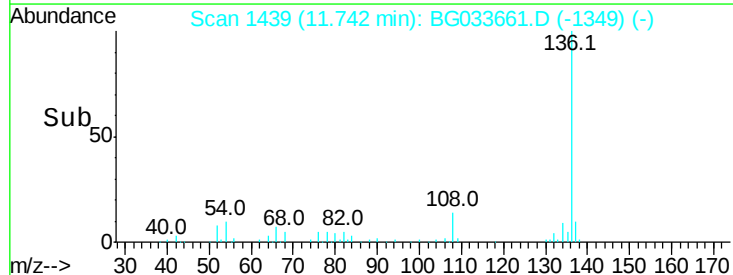
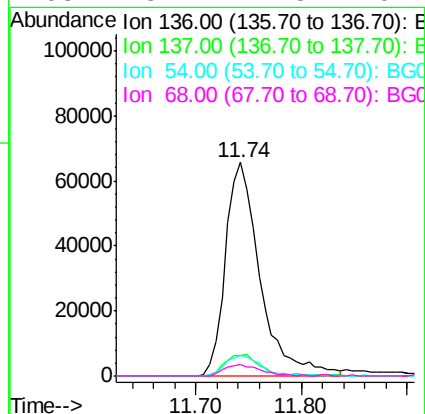
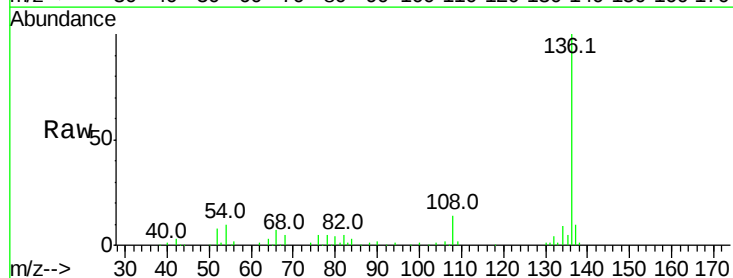
Instrument :
BNA_G
ClientSampleId :

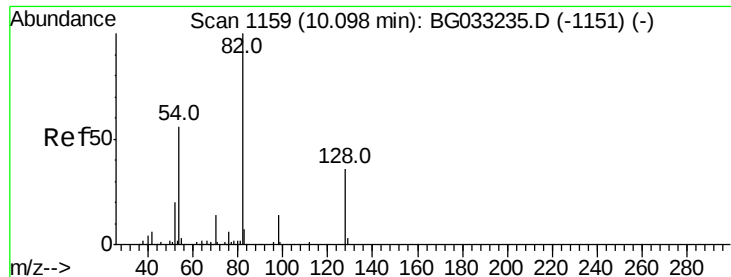
Tot Ion: 70 Resp: 42520
Ion Ratio Lower Upper
70 100
42 47.5 49.1 73.7#
101 0.0 8.5 12.7#
130 1.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033661.D
Acq: 7 Apr 2018 11:47

Tgt Ion: 136 Resp: 149226
Ion Ratio Lower Upper
136 100
137 9.7 9.2 13.8
54 9.5 10.3 15.5#
68 5.4 4.5 6.7

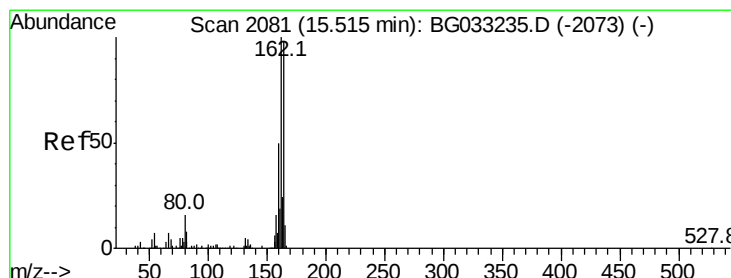
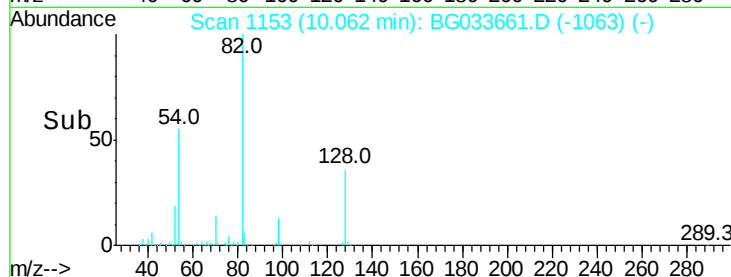
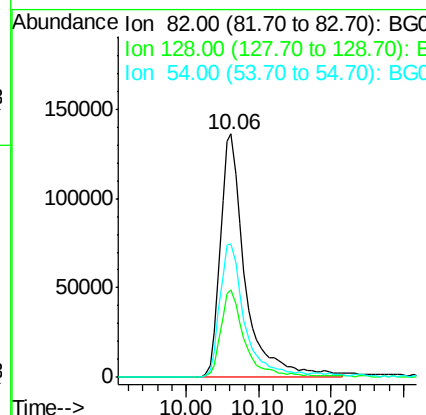
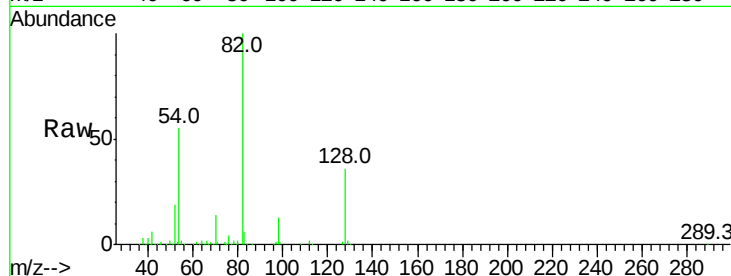




#23
Nitrobenzene-d5
Concen: 100.231 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033661.D
Acq: 7 Apr 2018 11:47

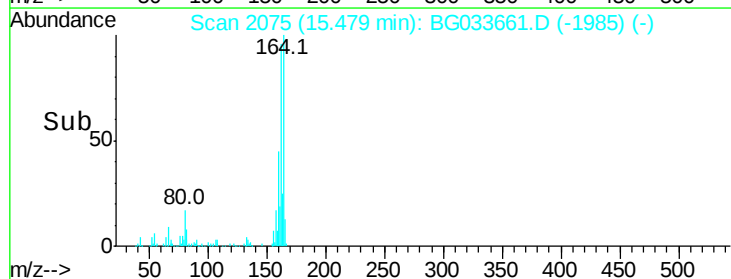
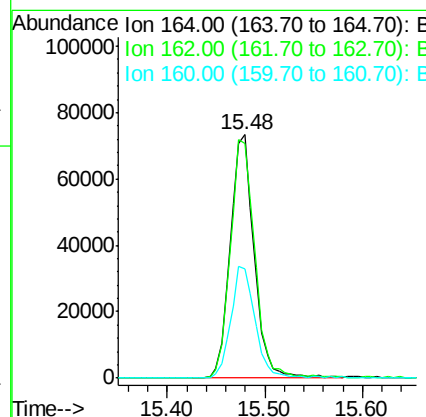
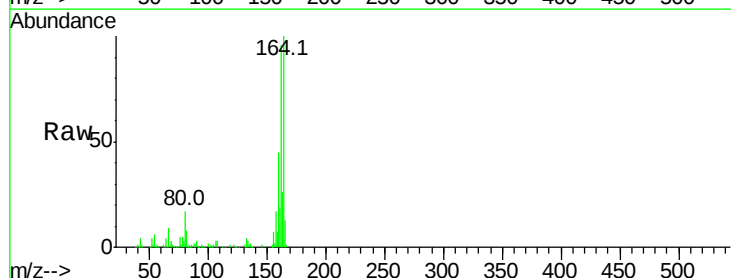
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	325549
Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.7	44.5
54	54.8	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG033661.D
Acq: 7 Apr 2018 11:47

Tgt Ion	164	Resp	124605
Ion	Ratio	Lower	Upper
164	100		
162	96.3	78.8	118.2
160	44.8	35.4	53.0

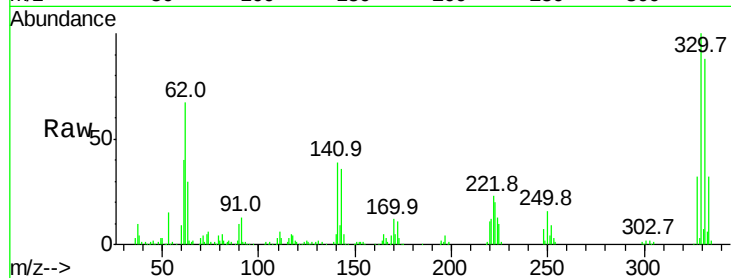




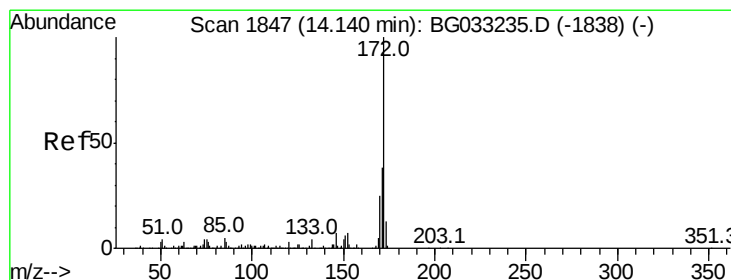
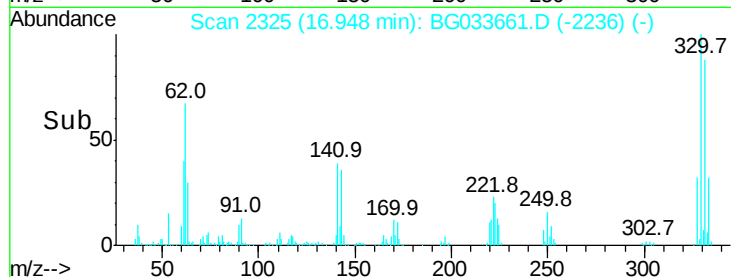
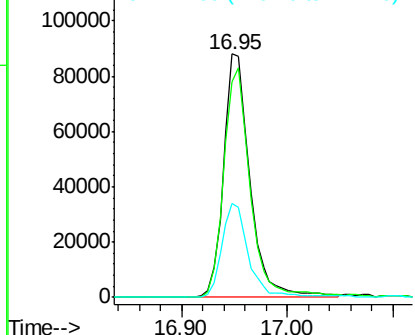
#41
 2,4,6-Tribromophenol
 Concen: 81.815 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033661.D
 Acq: 7 Apr 2018 11:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 152471
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 38.9 25.2 37.8#

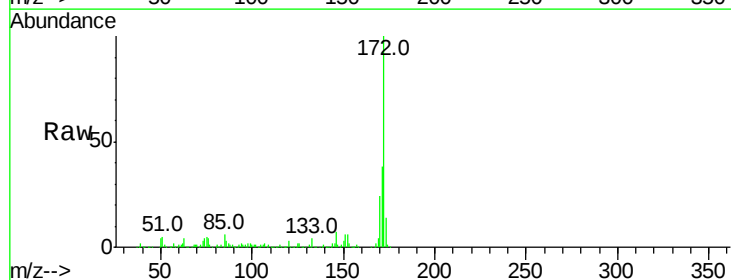


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

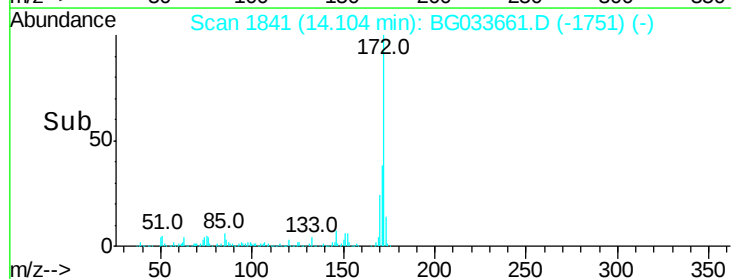
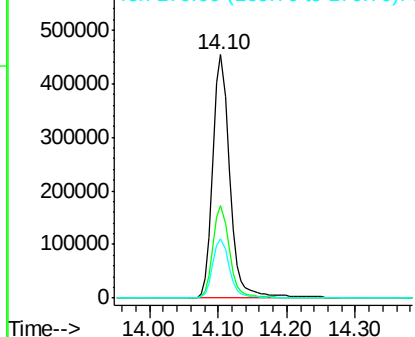


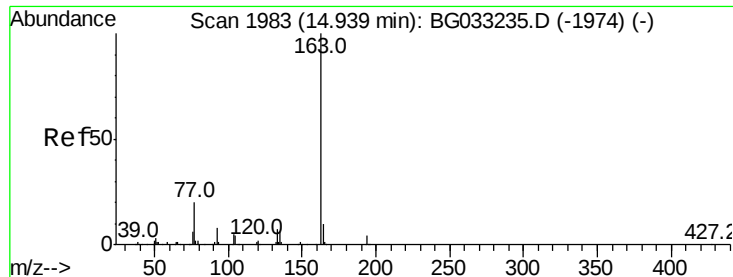
#44
 2-Fluorobiphenyl
 Concen: 91.373 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033661.D
 Acq: 7 Apr 2018 11:47

Tgt Ion:172 Resp: 788671
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 24.4 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: 2.856 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033661.D

Acq: 7 Apr 2018 11:47

Instrument :

BNA_G

ClientSampleId :

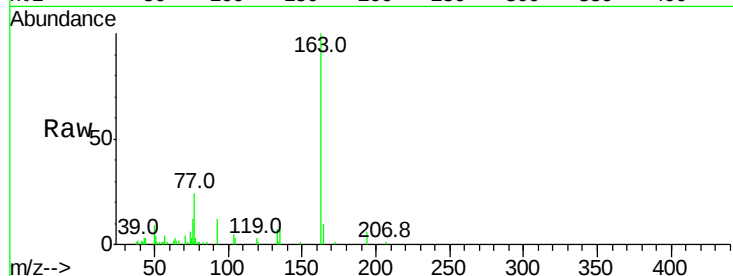
Tot Ion:163 Resp: 30968

Ion Ratio Lower Upper

163 100

194 5.9 3.4 5.2#

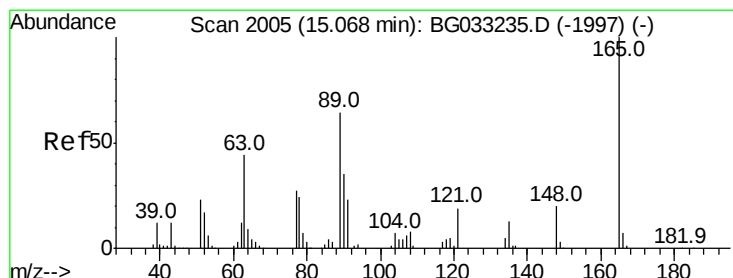
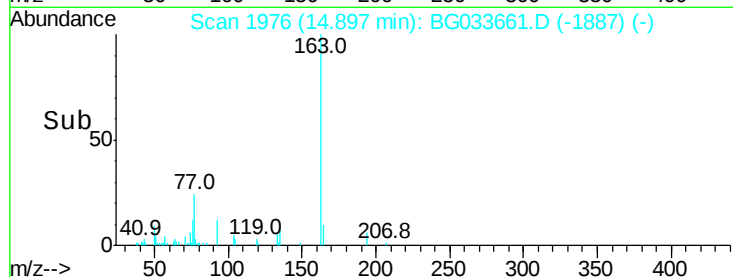
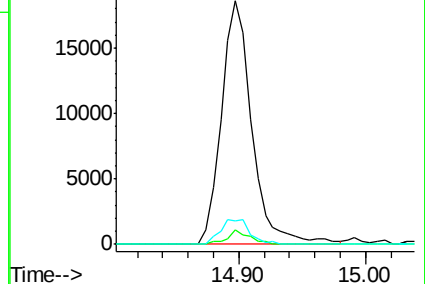
164 9.8 8.2 12.4



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: 7.379 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.44 min

Lab File: BG033661.D

Acq: 7 Apr 2018 11:47

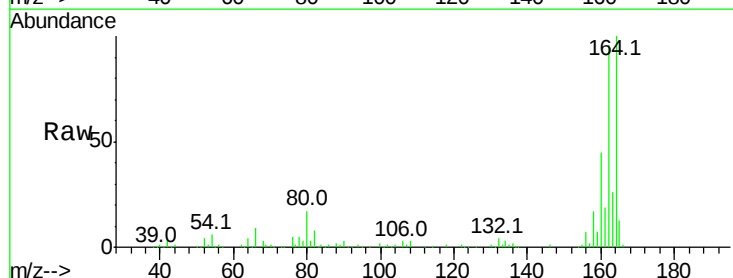
Tgt Ion:165 Resp: 16362

Ion Ratio Lower Upper

165 100

63 3.5 52.7 79.1#

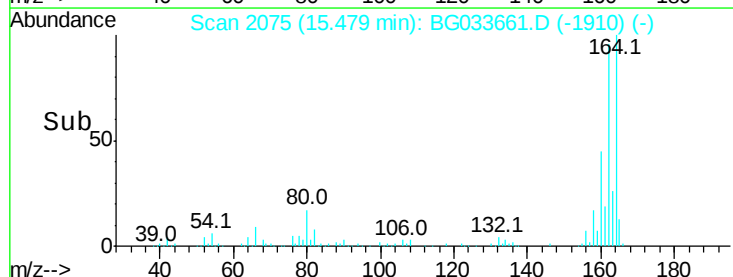
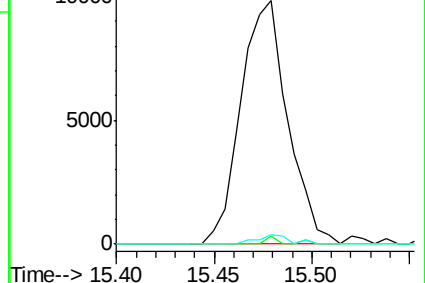
89 3.9 49.2 73.8#



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

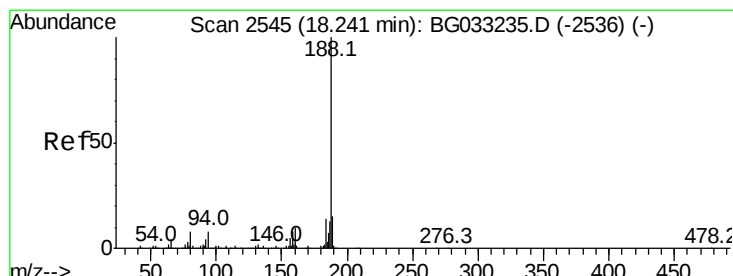
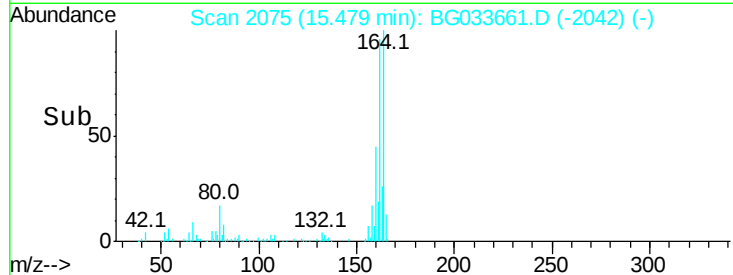
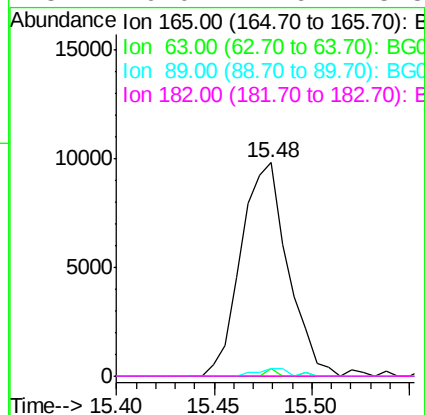
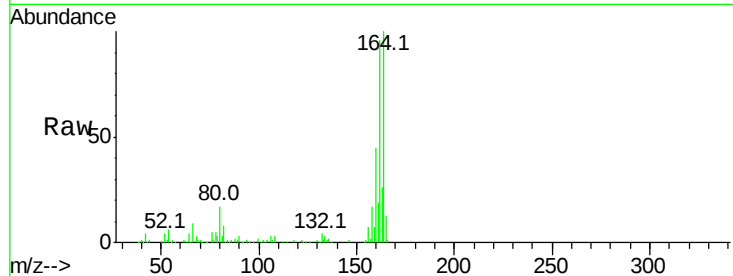




#56
 2,4-Dinitrotoluene
 Concen: 5.012 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033661.D
 Acq: 7 Apr 2018 11:47

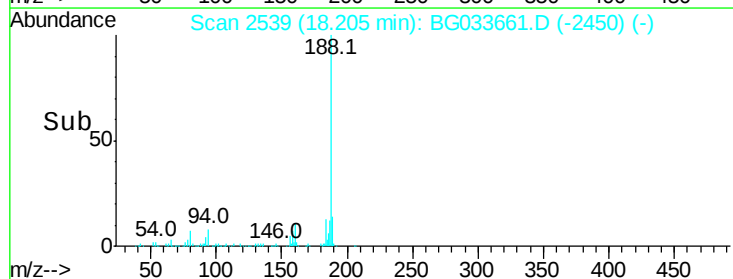
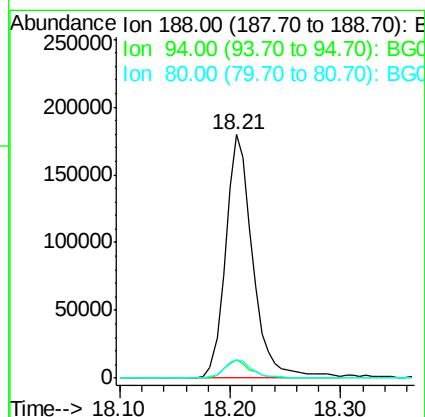
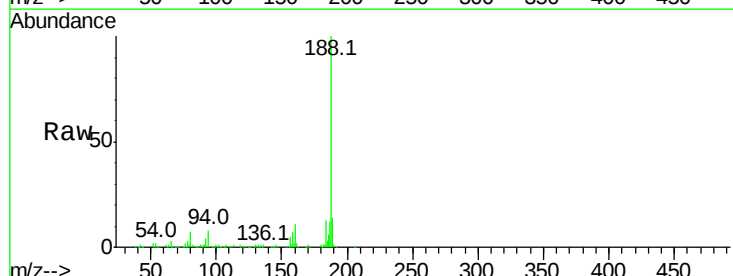
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	16362
Ion Ratio	Lower	Upper
165 100		
63 3.5	42.0	63.0#
89 3.9	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. -0.01 min
 Lab File: BG033661.D
 Acq: 7 Apr 2018 11:47

Tgt	Ion:188	Resp:	309338
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	7.4	7.7	11.5#

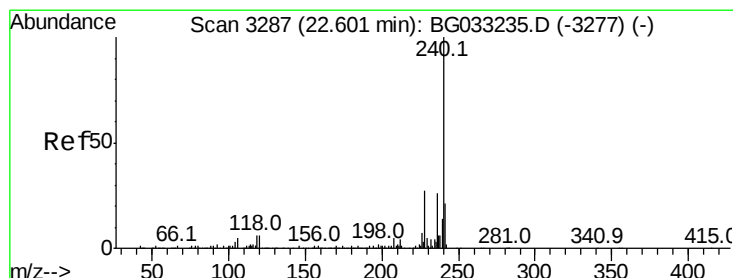
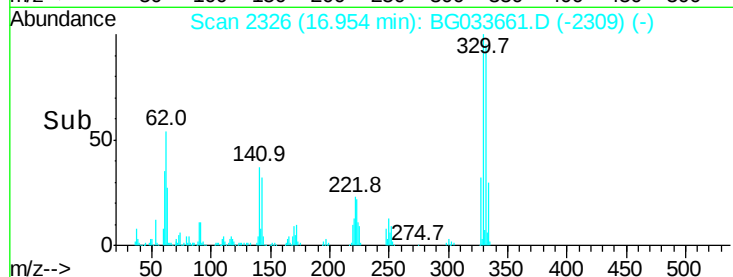
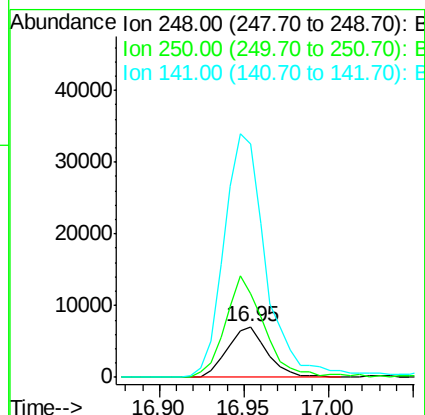
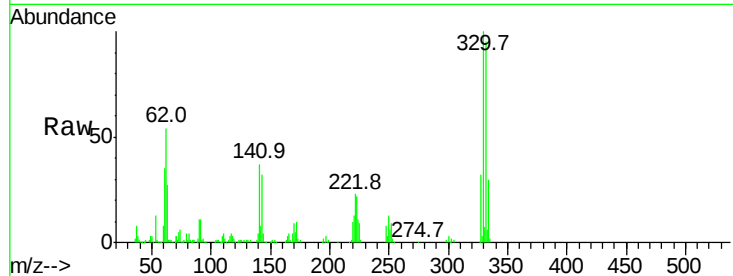




#66
 4-Bromophenyl-phenylether
 Concen: 3.163 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033661.D
 Acq: 7 Apr 2018 11:47

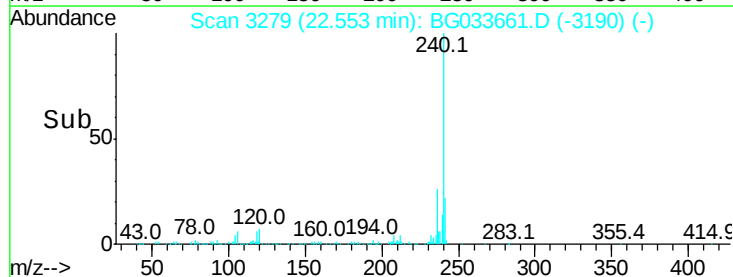
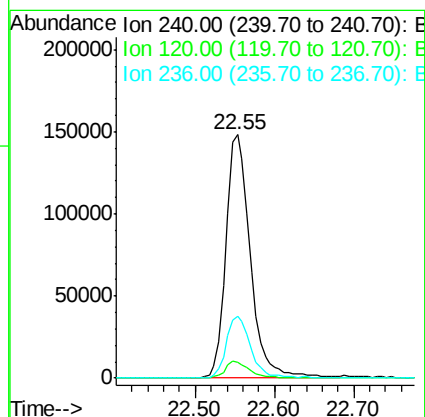
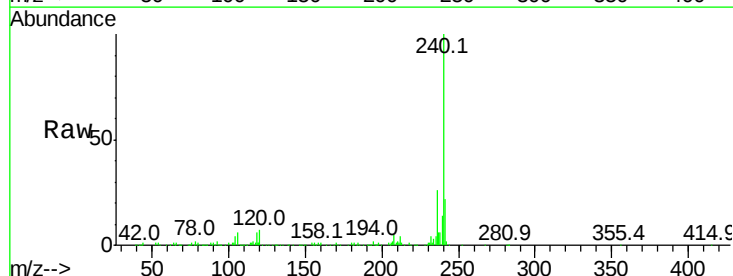
Instrument :
 BNA_G
 ClientSampleId :

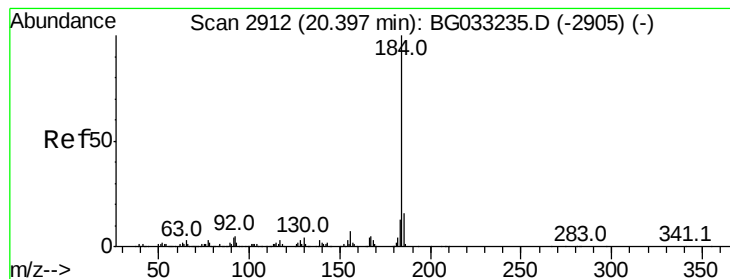
Tot Ion:248 Resp: 11491
 Ion Ratio Lower Upper
 248 100
 250 232.1 77.1 115.7#
 141 461.0 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.01 min
 Lab File: BG033661.D
 Acq: 7 Apr 2018 11:47

Tgt Ion:240 Resp: 315693
 Ion Ratio Lower Upper
 240 100
 120 6.7 6.8 10.2#
 236 25.6 20.9 31.3





#76

Benzidine

Concen: 2.853 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033661.D

Acq: 7 Apr 2018 11:47

Instrument :

BNA_G

ClientSampleId :

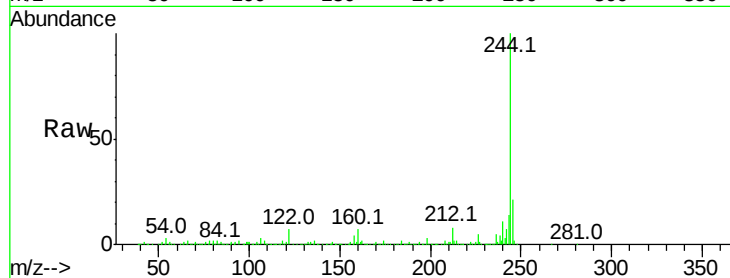
Tot Ion:184 Resp: 24429

Ion Ratio Lower Upper

184 100

185 12.7 11.1 16.7

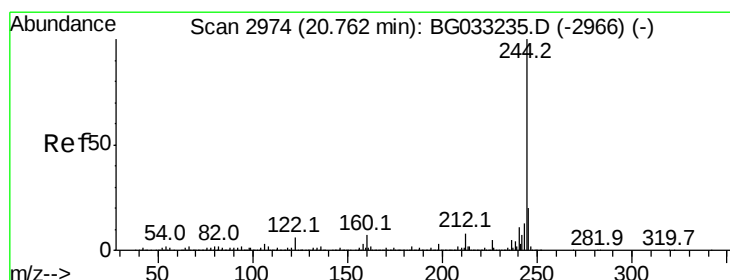
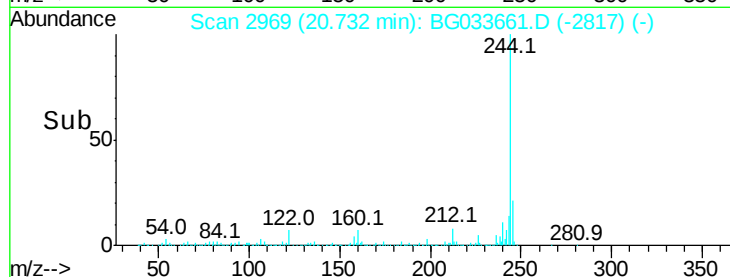
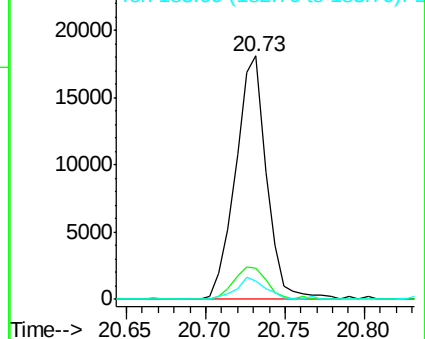
183 7.7 10.6 16.0#



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: 94.179 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033661.D

Acq: 7 Apr 2018 11:47

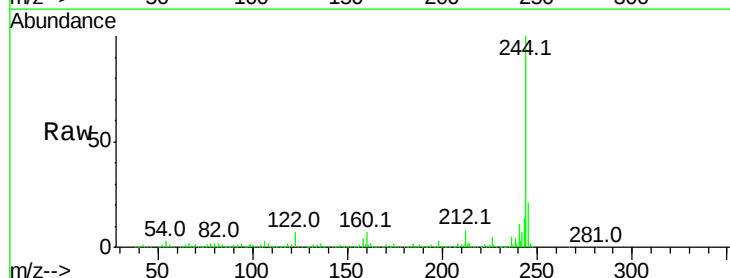
Tgt Ion:244 Resp: 1390230

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

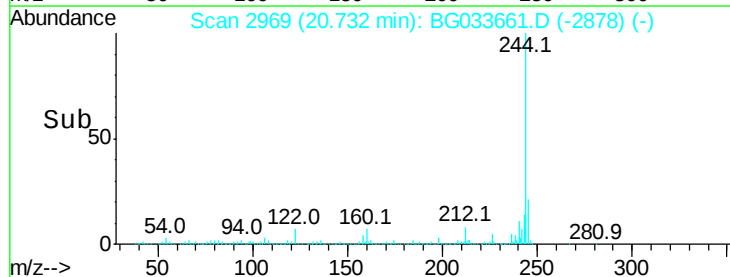
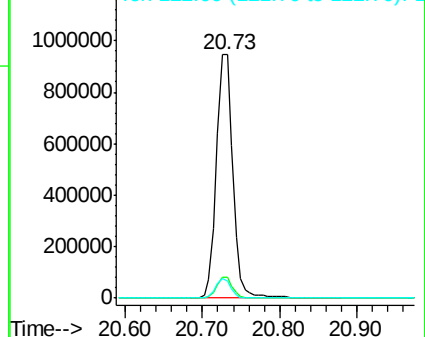
122 7.1 7.0 10.4



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: 26.32 min Scan# 3920
 Delta R.T. -0.00 min
 Lab File: BG033661.D
 Acq: 7 Apr 2018 11:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	22.5	17.7	26.5

