

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033779.D
 Acq On : 12 Apr 2018 19:17
 Operator : SJ/JU
 Sample : J2162-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 13 02:21:47 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

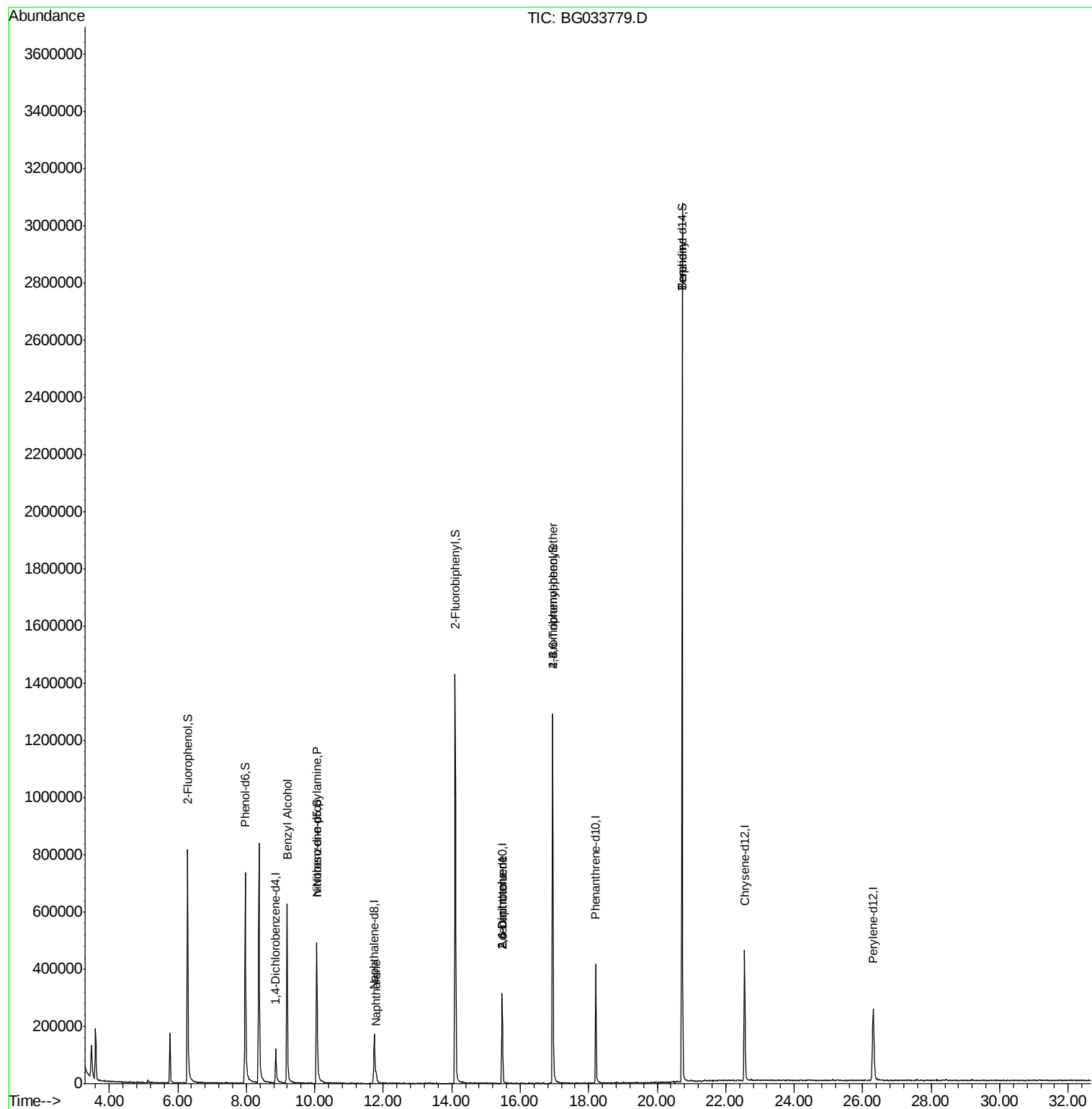
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	42274	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	170843	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	122107	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	309342	20.00	ng	0.00
75) Chrysene-d12	22.55	240	329872	20.00	ng	0.00
86) Perylene-d12	26.31	264	327068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	376915	167.19	ng	0.00
7) Phenol-d6	7.97	99	506279	130.70	ng	0.00
23) Nitrobenzene-d5	10.06	82	381630	102.63	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	253607	138.87	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	810560	95.83	ng	0.00
78) Terphenyl-d14	20.73	244	1572626	101.96	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6726	2.205	ng	# 52
19) n-Nitroso-di-n-propylamine	10.06	70	51840	18.263	ng	# 74
31) Naphthalene	11.80	128	35727	4.036	ng	# 96
50) 2,6-Dinitrotoluene	15.47	165	16110	7.414	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	16110	5.035	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	19416	5.344	ng	# 1
76) Benizidine	20.73	184	25841	2.889	ng	# 90

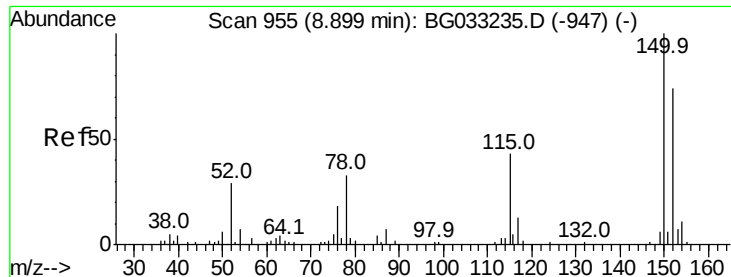
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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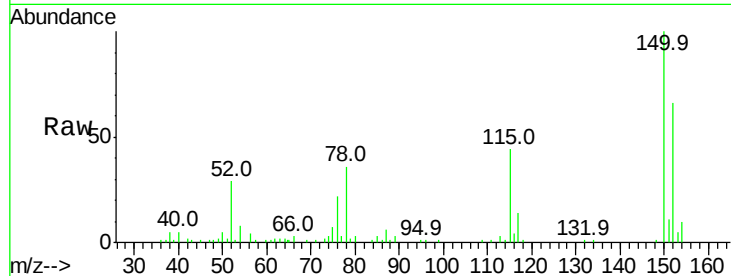


#1

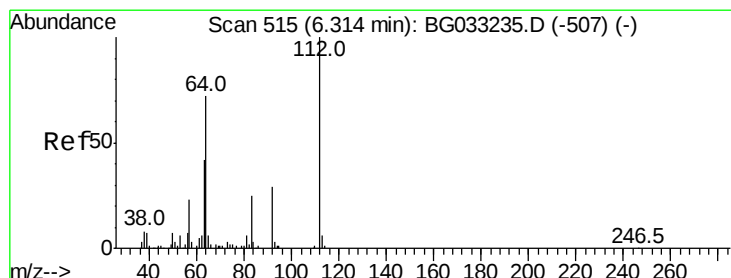
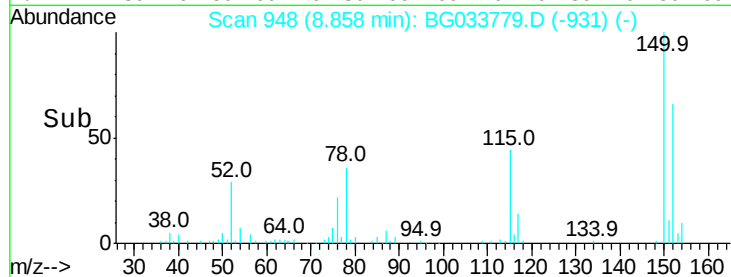
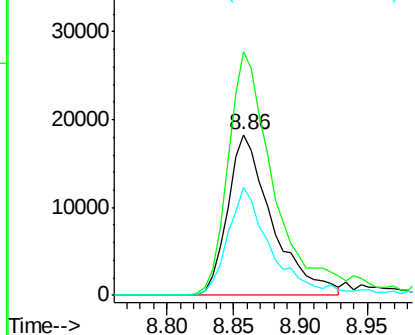
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033779.D
Acq: 12 Apr 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42274
Ion Ratio Lower Upper
152 100
150 151.6 126.6 189.8
115 67.3 53.0 79.4



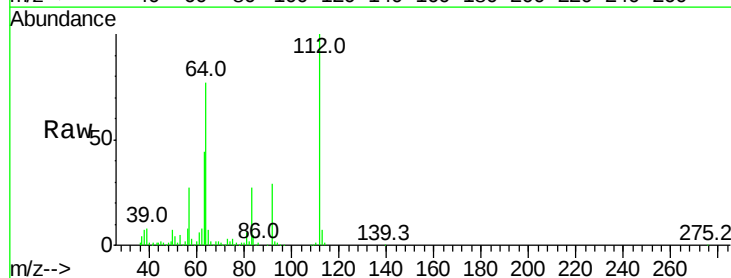
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



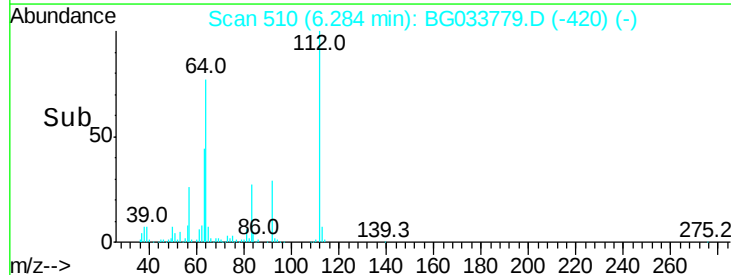
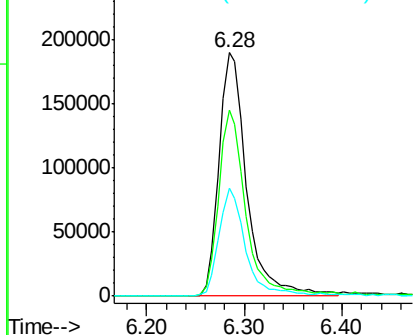
#5

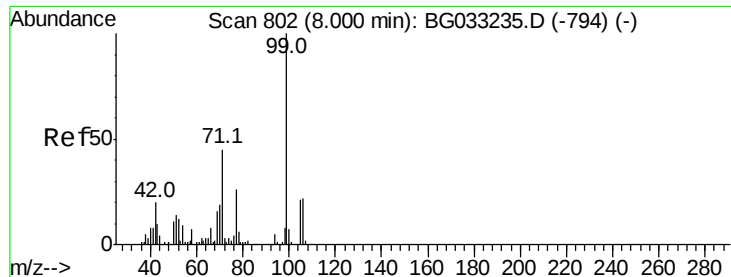
2-Fluorophenol
Concen: 167.186 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033779.D
Acq: 12 Apr 2018 19:17

Tgt Ion:112 Resp: 376915
Ion Ratio Lower Upper
112 100
64 76.7 56.3 84.5
63 44.5 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: 130.699 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033779.D

Acq: 12 Apr 2018 19:17

Instrument :

BNA_G

ClientSampleId :

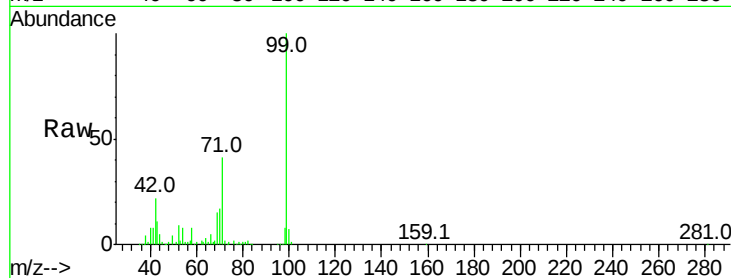
Tot Ion: 99 Resp: 506279

Ion Ratio Lower Upper

99 100

42 21.6 14.1 21.1#

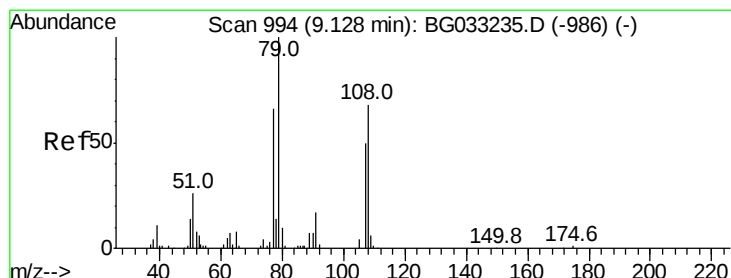
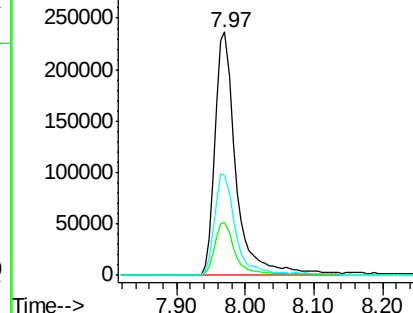
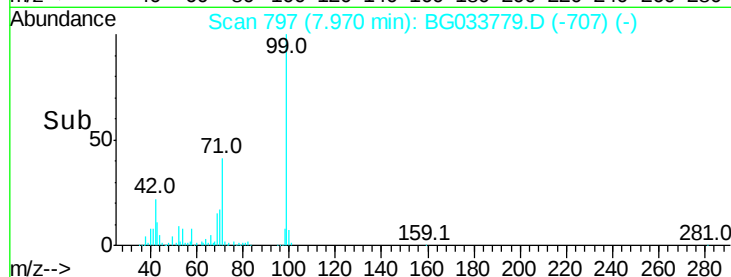
71 41.1 26.1 39.1#



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: 2.205 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033779.D

Acq: 12 Apr 2018 19:17

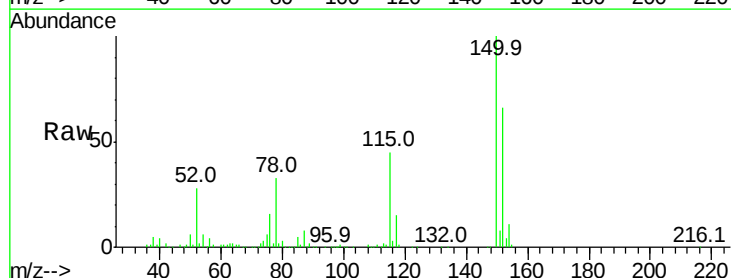
Tgt Ion: 79 Resp: 6726

Ion Ratio Lower Upper

79 100

108 32.8 57.2 85.8#

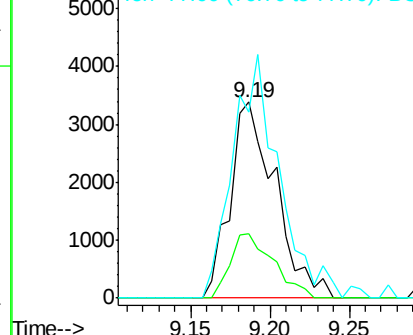
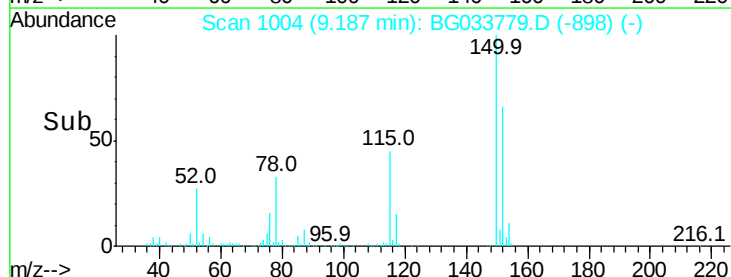
77 94.8 46.1 69.1#

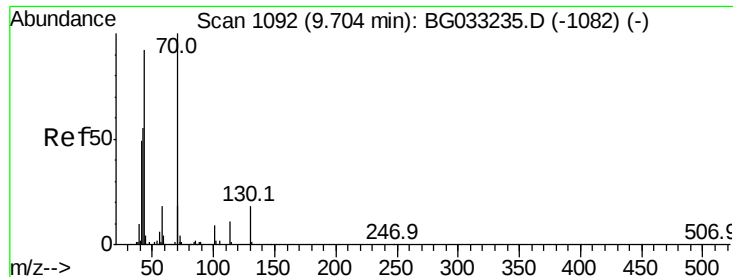


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

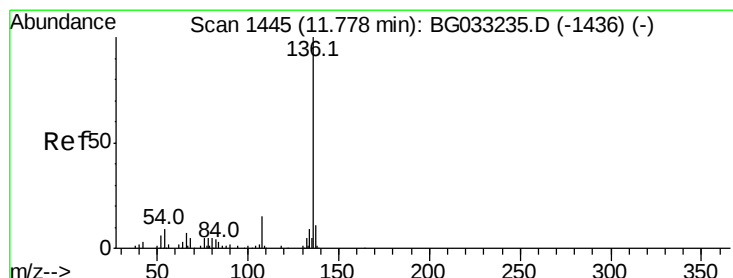
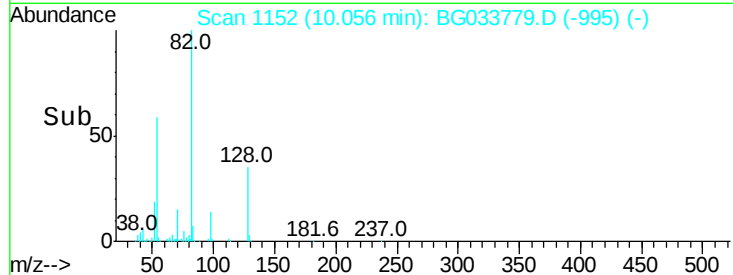
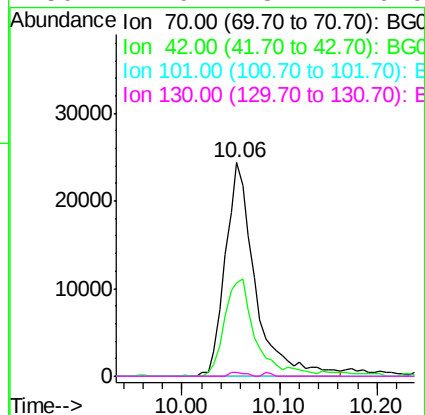
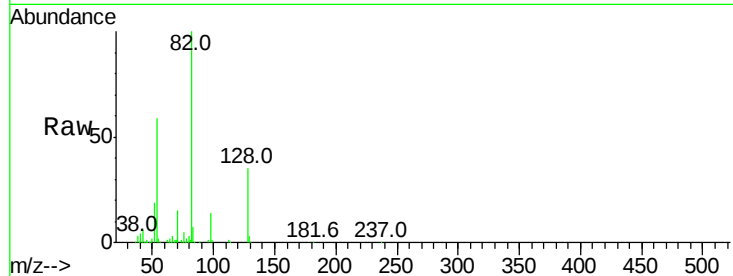




#19
n-Nitroso-di-n-propylamine
Concen: 18.263 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033779.D
Acq: 12 Apr 2018 19:17

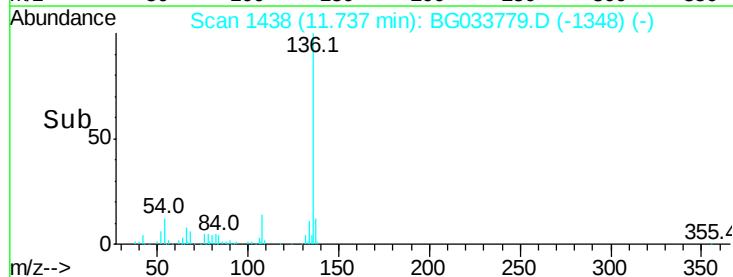
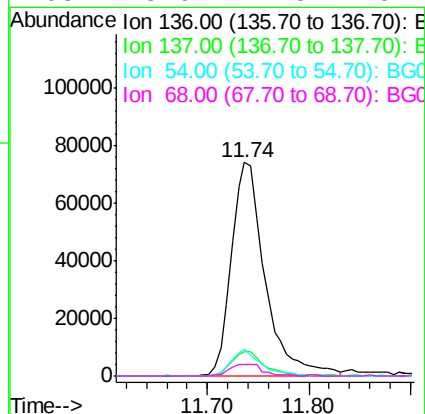
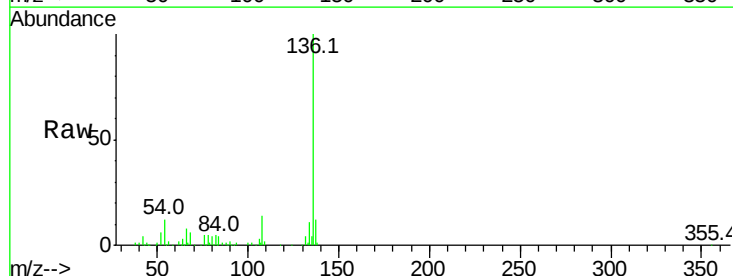
Instrument :
BNA_G
ClientSampleId :

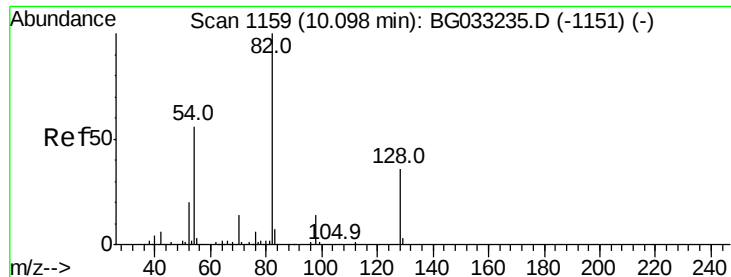
Tot Ion: 70 Resp: 51840
Ion Ratio Lower Upper
70 100
42 44.0 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033779.D
Acq: 12 Apr 2018 19:17

Tgt Ion: 136 Resp: 170843
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 12.4 10.3 15.5
68 5.6 4.5 6.7

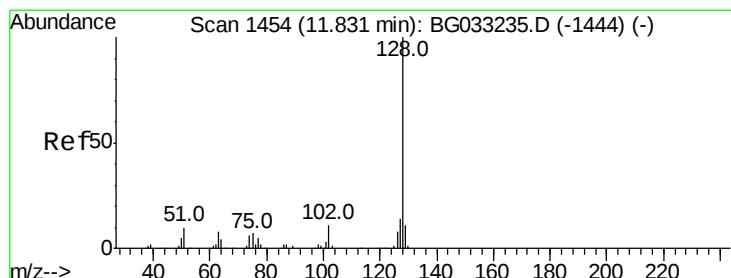
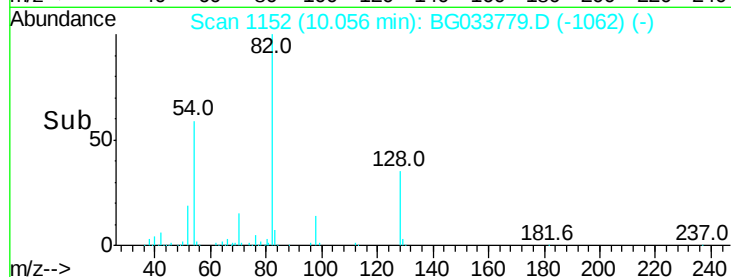
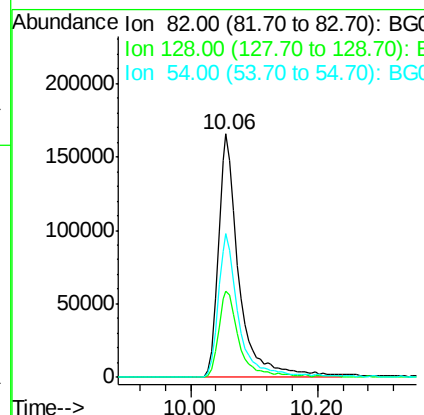
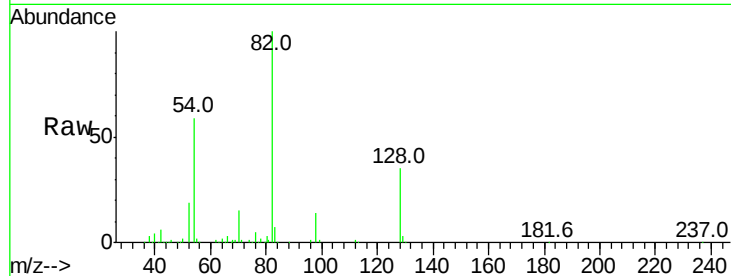




#23
 Nitrobenzene-d5
 Concen: 102.630 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033779.D
 Acq: 12 Apr 2018 19:17

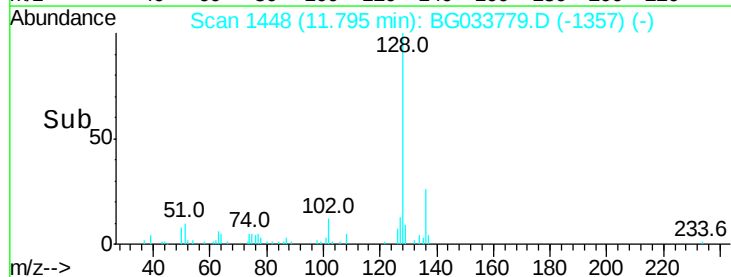
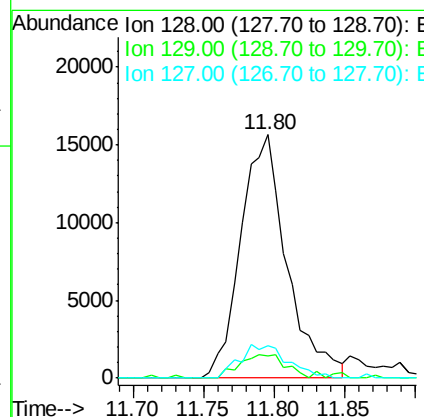
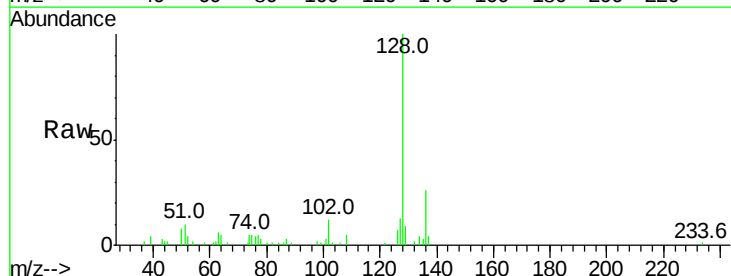
Instrument :
 BNA_G
 ClientSampleId :

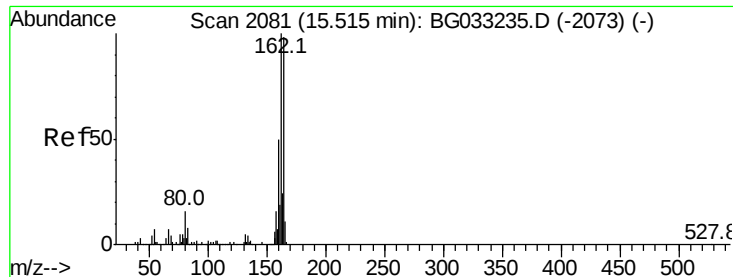
Tot Ion: 82 Resp: 381630
 Ion Ratio Lower Upper
 82 100
 128 35.3 29.7 44.5
 54 59.1 43.1 64.7



#31
 Naphthalene
 Concen: 4.036 ng
 RT: 11.80 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BG033779.D
 Acq: 12 Apr 2018 19:17

Tgt Ion: 128 Resp: 35727
 Ion Ratio Lower Upper
 128 100
 129 9.1 8.6 12.8
 127 13.2 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033779.D

Acq: 12 Apr 2018 19:17

Instrument :

BNA_G

ClientSampleId :

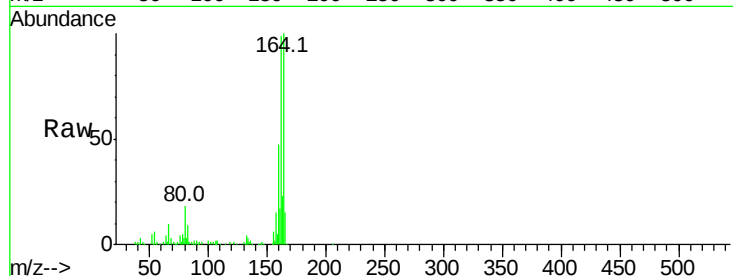
Tot Ion:164 Resp: 122107

Ion Ratio Lower Upper

164 100

162 98.7 78.8 118.2

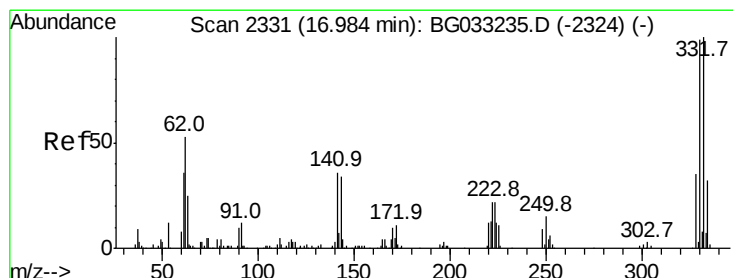
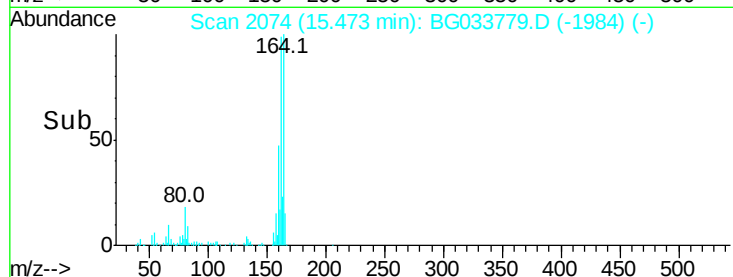
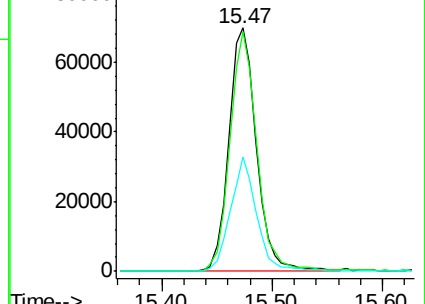
160 46.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 138.867 ng

RT: 16.95 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BG033779.D

Acq: 12 Apr 2018 19:17

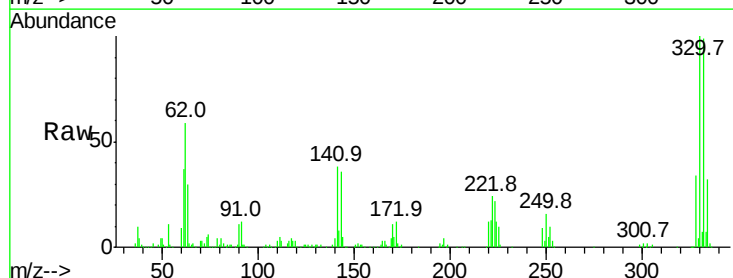
Tgt Ion:330 Resp: 253607

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

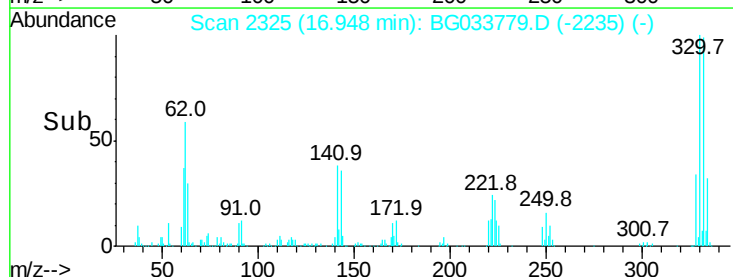
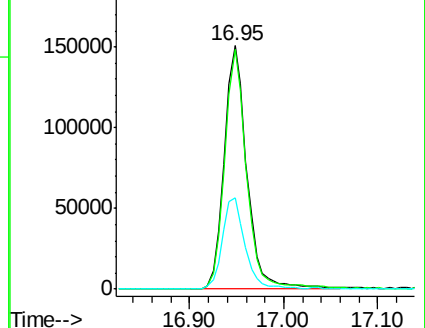
141 37.4 25.2 37.8

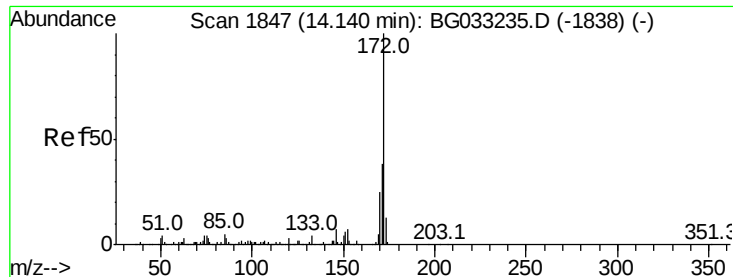


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

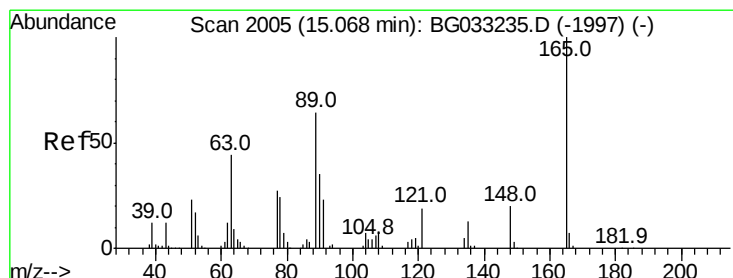
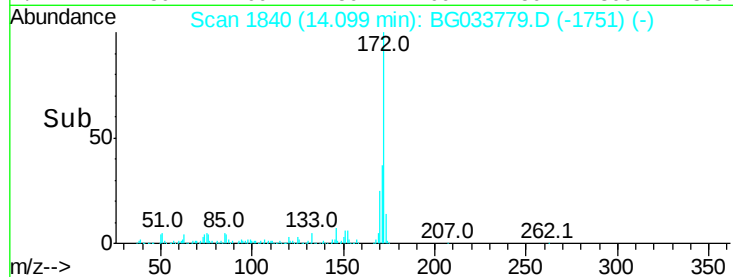
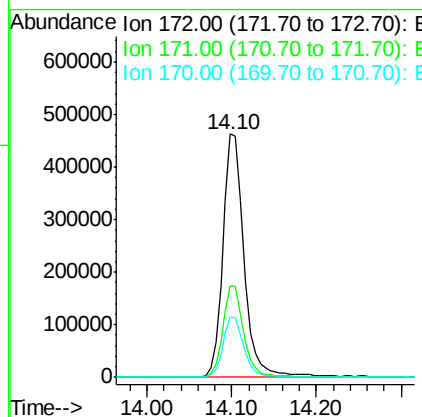
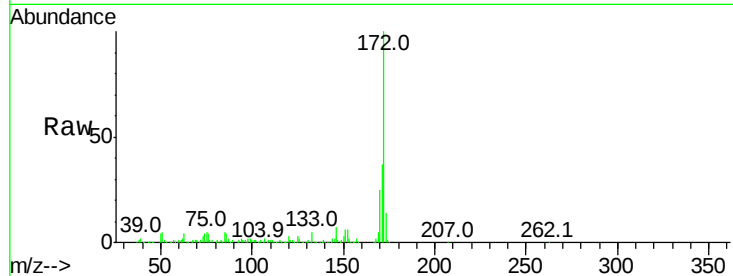




#44
 2-Fluorobiphenyl
 Concen: 95.830 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033779.D
 Acq: 12 Apr 2018 19:17

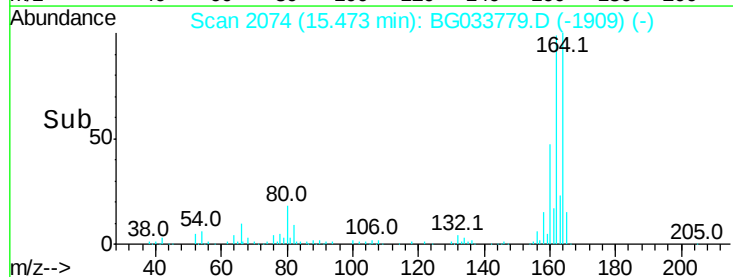
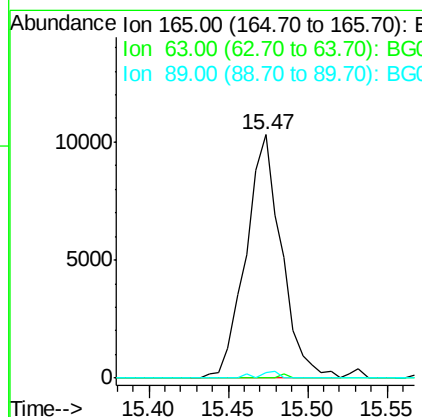
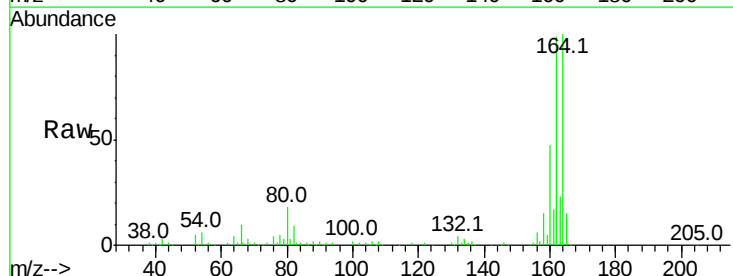
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 810560
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 25.0 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.414 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033779.D
 Acq: 12 Apr 2018 19:17

Tgt Ion:165 Resp: 16110
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.2 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 5.035 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.34 min

Lab File: BG033779.D

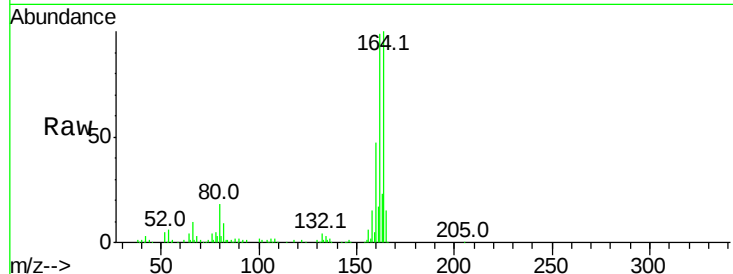
Acq: 12 Apr 2018 19:17

Instrument :

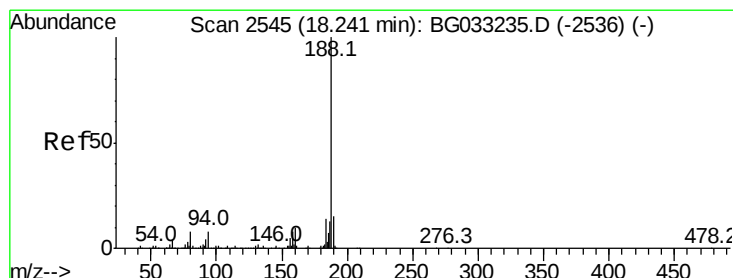
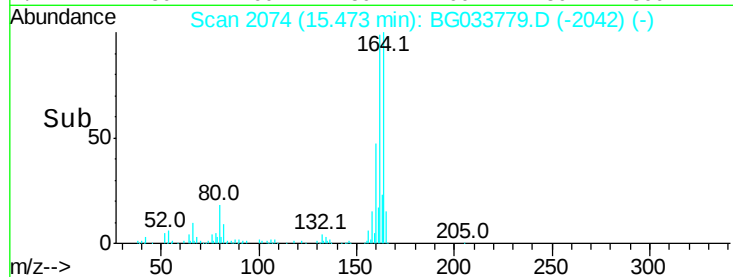
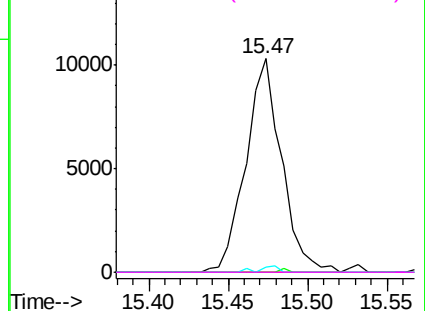
BNA_G

ClientSampleId :

Tot Ion:165	Resp:	16110
Ion Ratio	Lower	Upper
165	100	
63	0.0	42.0 63.0#
89	2.2	66.9 100.3#
182	0.0	2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

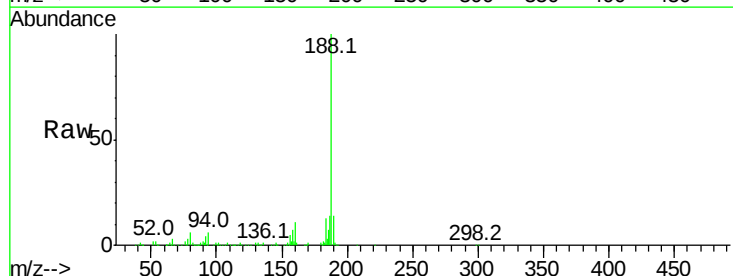
RT: 18.21 min Scan# 2539

Delta R.T. 0.00 min

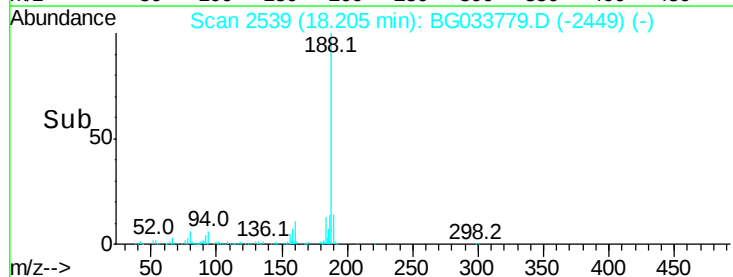
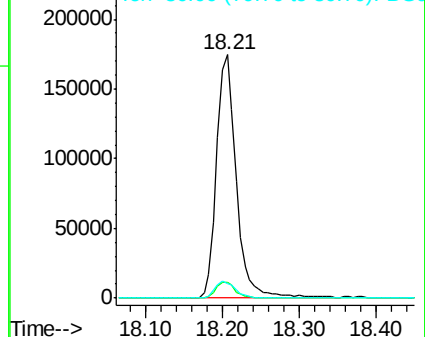
Lab File: BG033779.D

Acq: 12 Apr 2018 19:17

Tgt Ion:188	Resp:	309342
Ion Ratio	Lower	Upper
188	100	
94	6.4	6.9 10.3#
80	5.8	7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

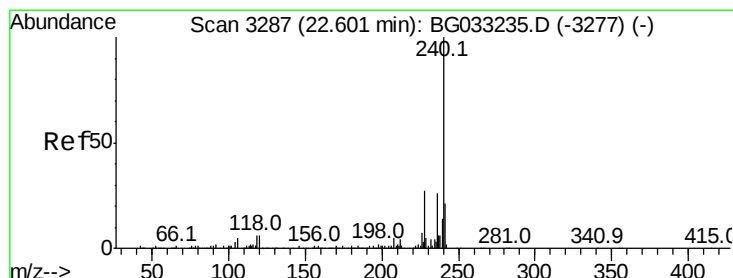
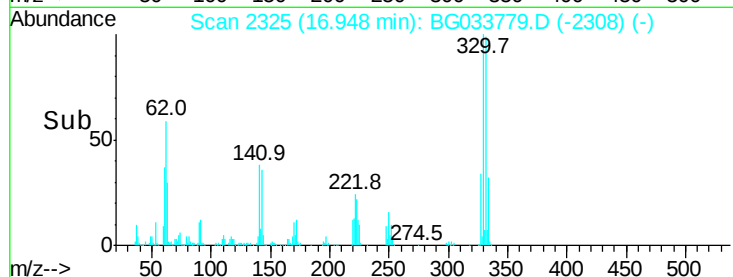
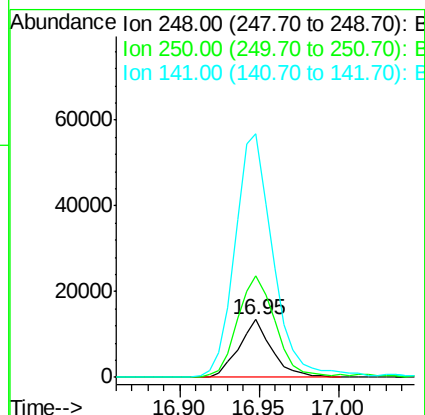
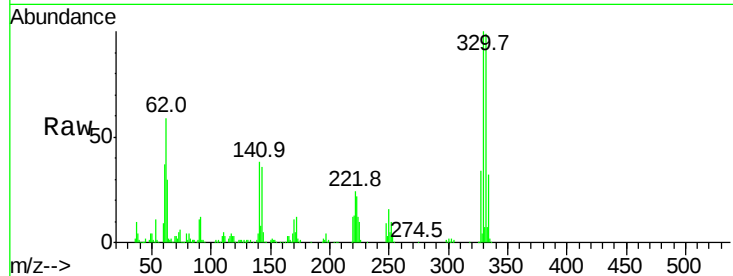




#66
4-Bromophenyl-phenylether
Concen: 5.344 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033779.D
Acq: 12 Apr 2018 19:17

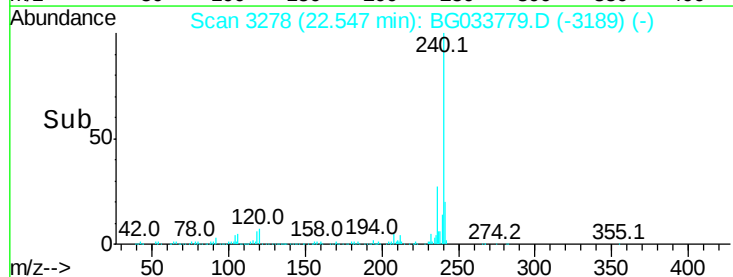
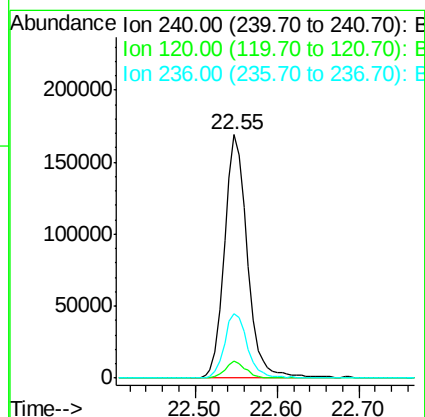
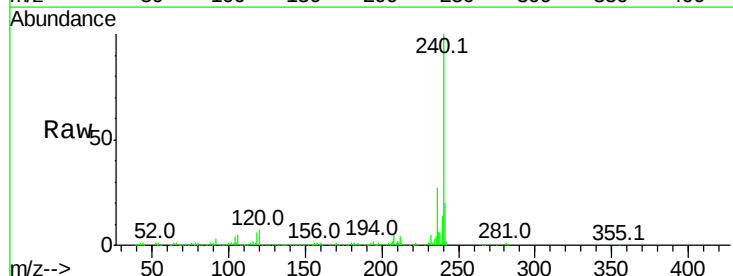
Instrument :
BNA_G
ClientSampled :

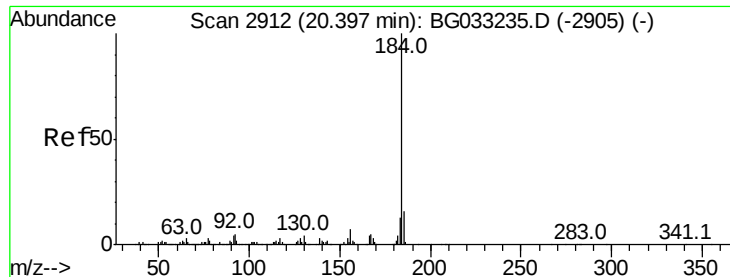
Tot Ion:248 Resp: 19416
Ion Ratio Lower Upper
248 100
250 177.2 77.1 115.7#
141 423.8 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033779.D
Acq: 12 Apr 2018 19:17

Tgt Ion:240 Resp: 329872
Ion Ratio Lower Upper
240 100
120 6.9 6.8 10.2
236 26.5 20.9 31.3





#76

Benzidine

Concen: 2.889 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033779.D

Acq: 12 Apr 2018 19:17

Instrument :

BNA_G

ClientSampleId :

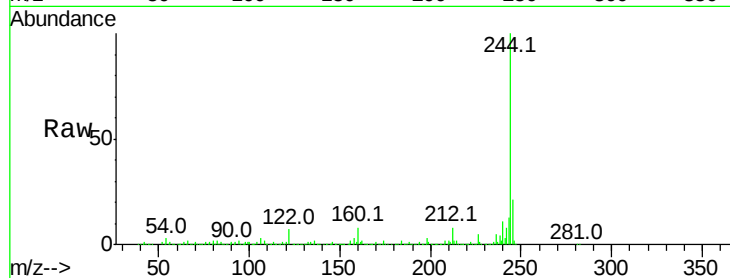
Tot Ion:184 Resp: 25841

Ion Ratio Lower Upper

184 100

185 21.4 11.1 16.7#

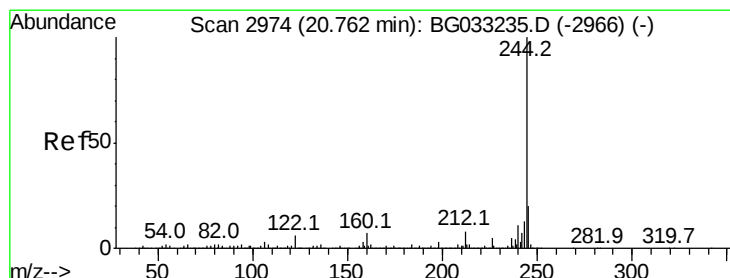
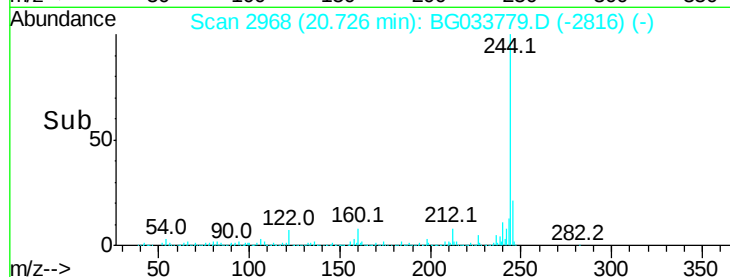
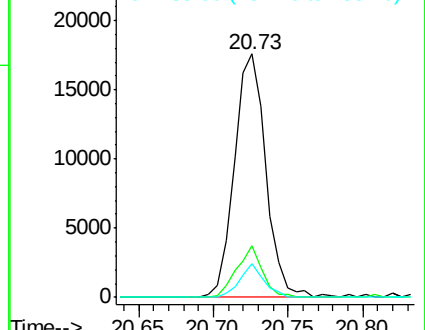
183 13.9 10.6 16.0



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: 101.956 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033779.D

Acq: 12 Apr 2018 19:17

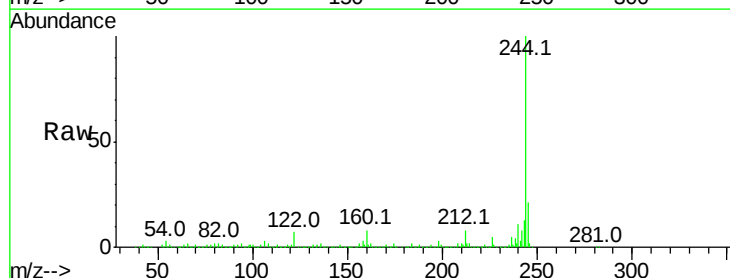
Tgt Ion:244 Resp: 1572626

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

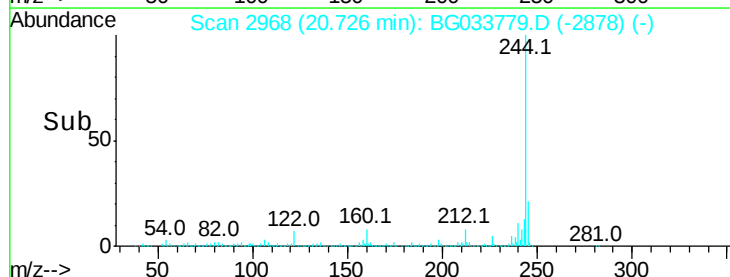
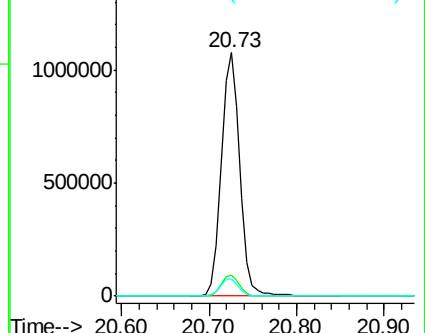
122 7.3 7.0 10.4



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: 26.31 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: BG033779.D
 Acq: 12 Apr 2018 19:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.5	17.7	26.5

