

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033776.D
 Acq On : 12 Apr 2018 17:24
 Operator : SJ/JU
 Sample : J2161-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 13 02:20:50 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

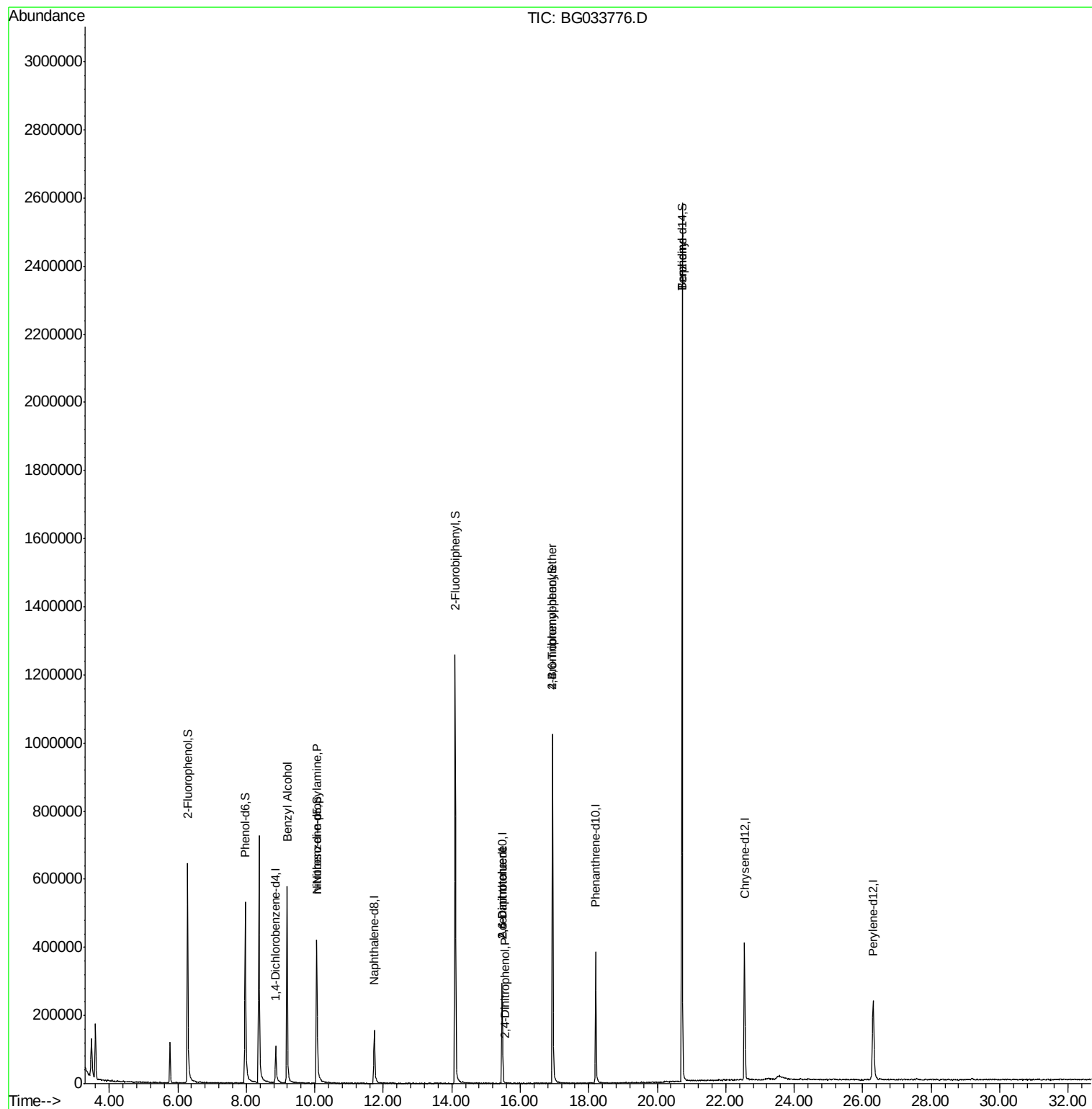
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	40185	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	160389	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	109113	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	283242	20.00	ng	0.00
75) Chrysene-d12	22.55	240	292471	20.00	ng	0.00
86) Perylene-d12	26.30	264	313806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	300583	140.26	ng	0.00
7) Phenol-d6	7.97	99	370314	100.57	ng	0.00
23) Nitrobenzene-d5	10.06	82	327422	93.79	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	208643	127.85	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	714535	94.54	ng	0.00
78) Terphenyl-d14	20.73	244	1304692	95.40	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6089	2.100	ng	# 37
19) n-Nitroso-di-n-propylamine	10.06	70	45641	16.915	ng	# 80
50) 2,6-Dinitrotoluene	15.47	165	13003	6.697	ng	# 20
53) 2,4-Dinitrophenol	15.56	184	53	7.691	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	13003	4.548	ng	# 18
66) 4-Bromophenyl-phenylether	16.94	248	16671	5.012	ng	# 1
76) Benzidine	20.72	184	21582	2.721	ng	# 94

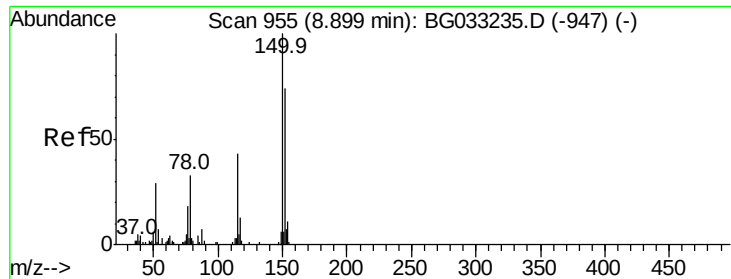
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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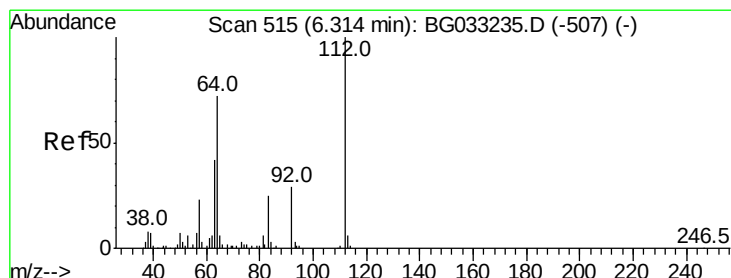
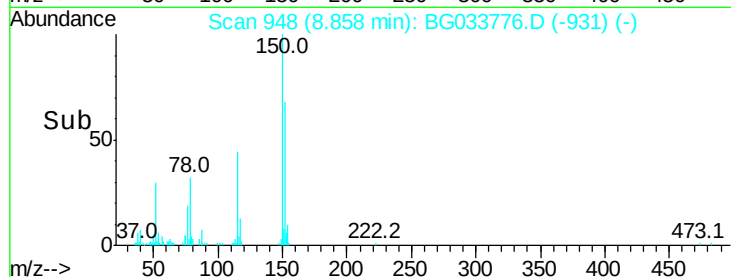
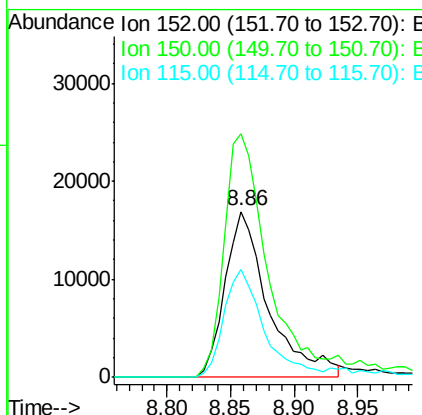
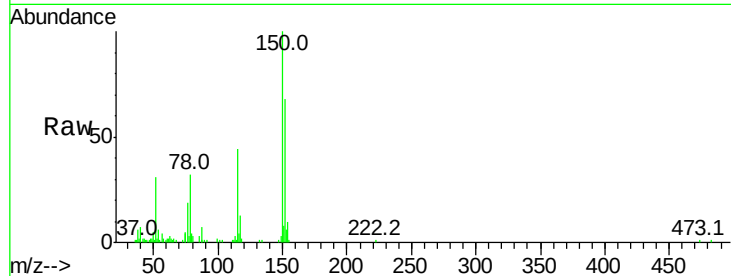


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033776.D
Acq: 12 Apr 2018 17:24

Instrument :
BNA_G
ClientSampleId :

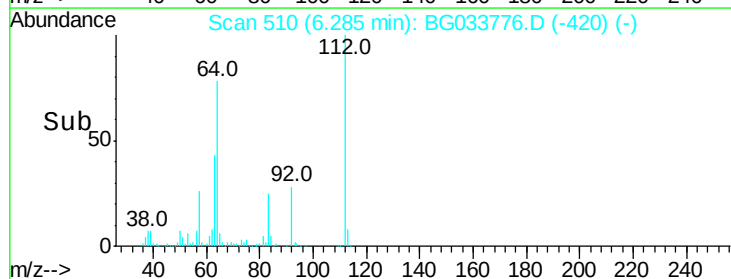
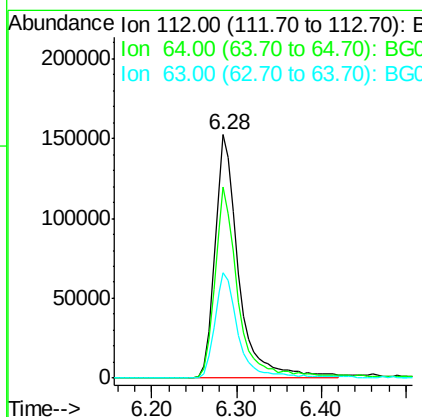
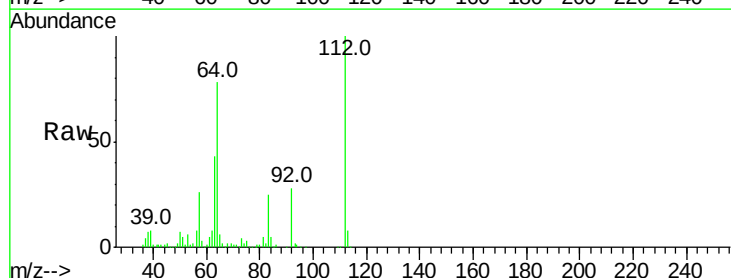
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	126.6	189.8
115	65.0	53.0	79.4

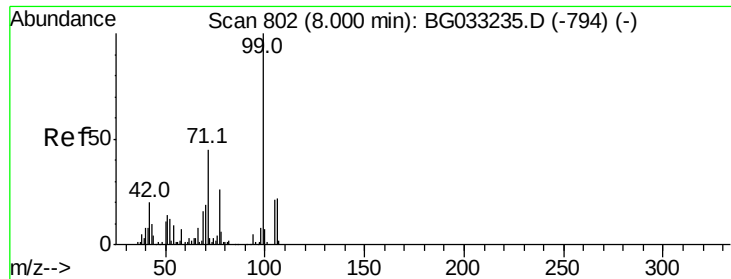


#5

2-Fluorophenol
Concen: 140.259 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033776.D
Acq: 12 Apr 2018 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.5	56.3	84.5
63	43.2	30.1	45.1





#7

Phenol-d6

Concen: 100.568 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033776.D

Acq: 12 Apr 2018 17:24

Instrument :

BNA_G

ClientSampleId :

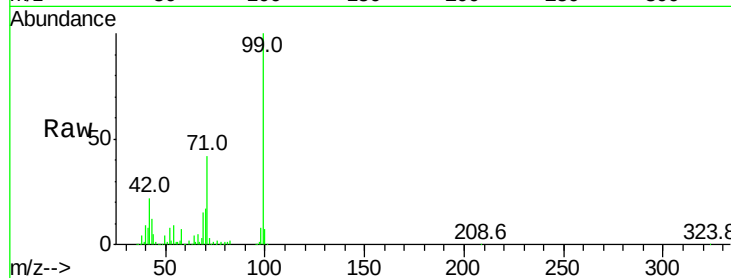
Tot Ion: 99 Resp: 370314

Ion Ratio Lower Upper

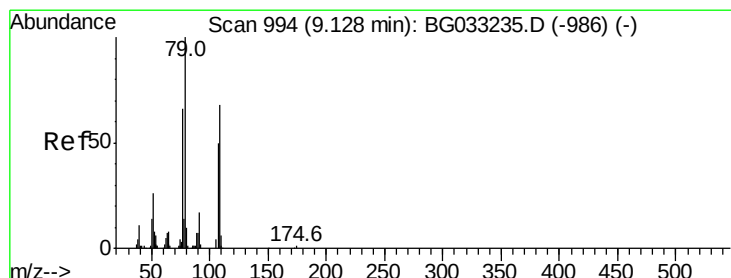
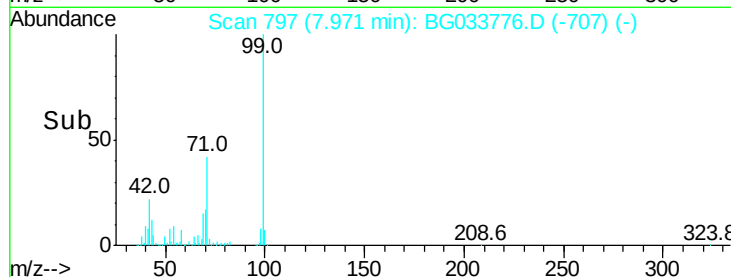
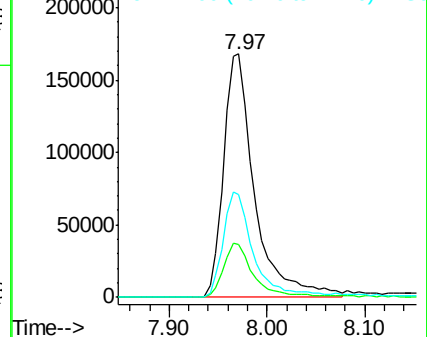
99 100

42 21.8 14.1 21.1#

71 42.4 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: 2.100 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033776.D

Acq: 12 Apr 2018 17:24

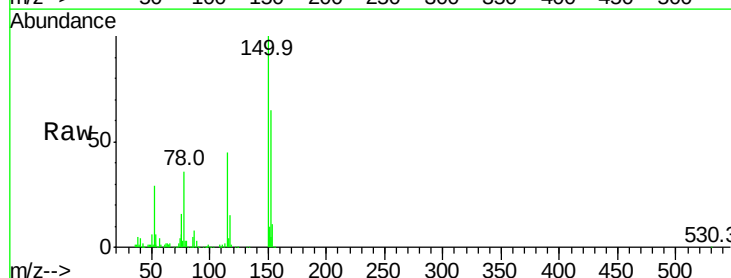
Tgt Ion: 79 Resp: 6089

Ion Ratio Lower Upper

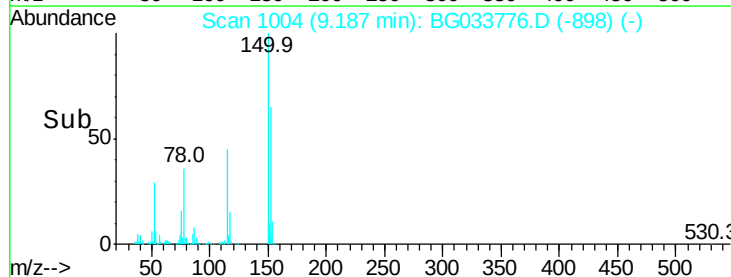
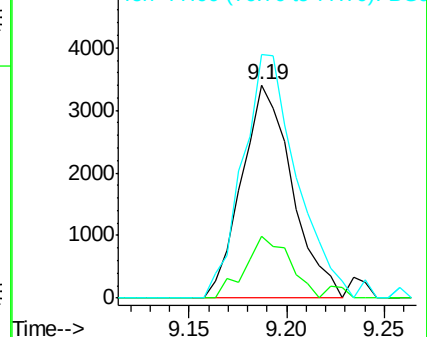
79 100

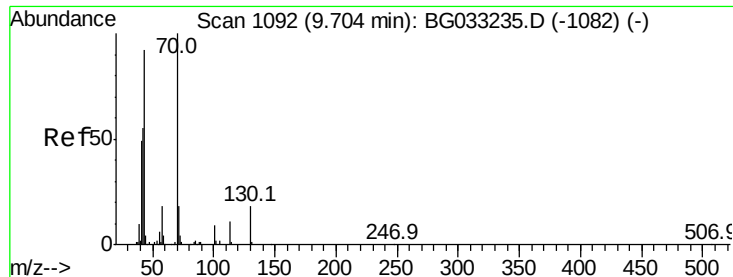
108 29.0 57.2 85.8#

77 114.4 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

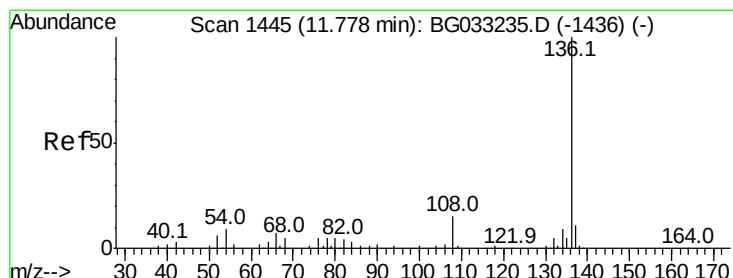
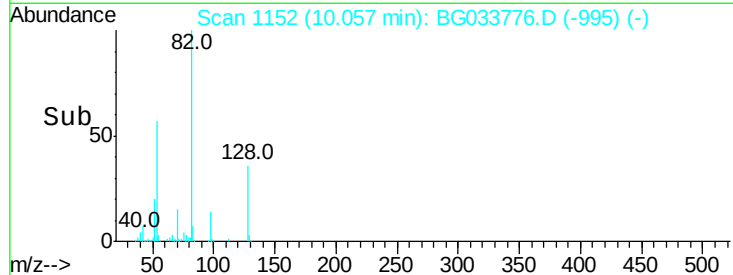
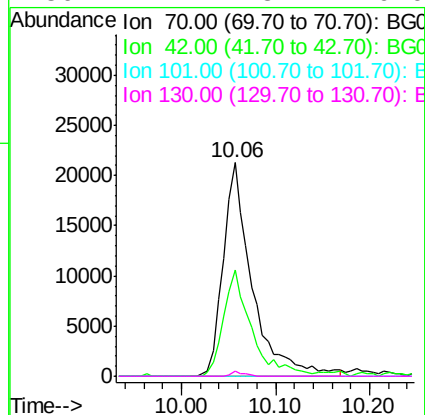
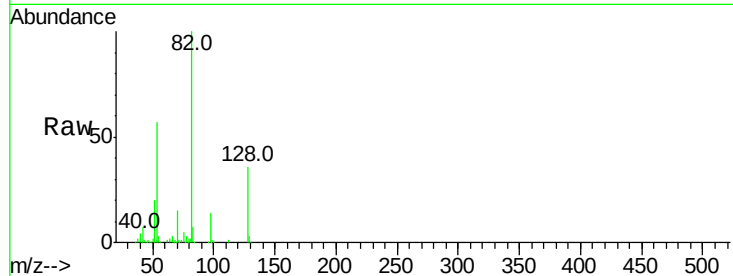




#19
n-Nitroso-di-n-propylamine
Concen: 16.915 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033776.D
Acq: 12 Apr 2018 17:24

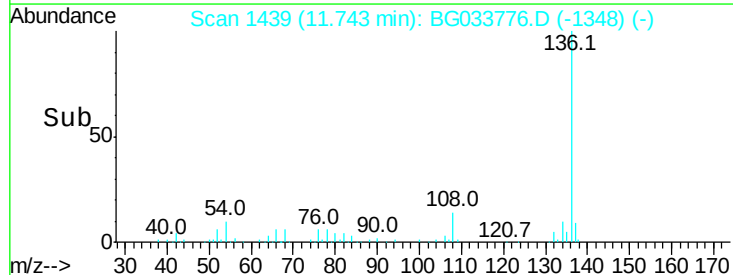
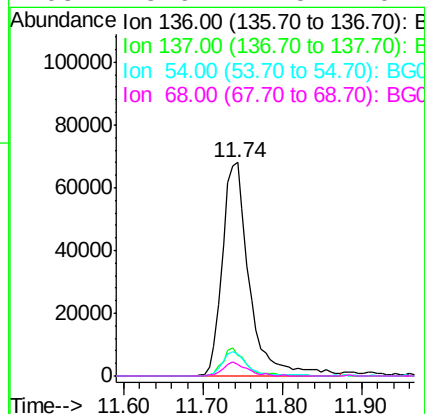
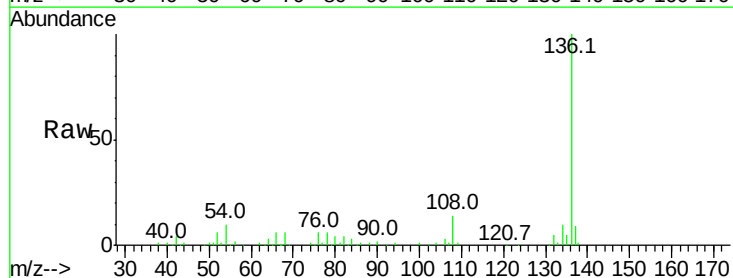
Instrument :
BNA_G
ClientSampleId :

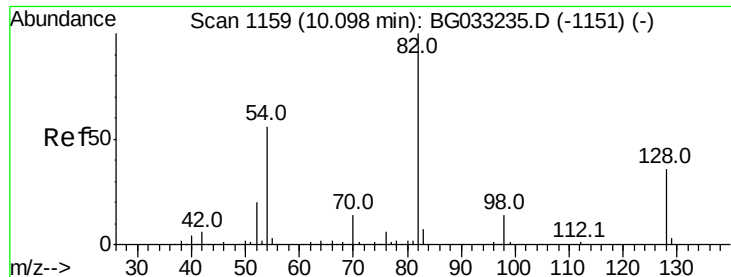
Tot Ion:	70	Resp:	45641
Ion	Ratio	Lower	Upper
70	100		
42	49.6	49.1	73.7
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BG033776.D
Acq: 12 Apr 2018 17:24

Tgt Ion:	136	Resp:	160389
Ion	Ratio	Lower	Upper
136	100		
137	9.3	9.2	13.8
54	9.9	10.3	15.5#
68	5.6	4.5	6.7

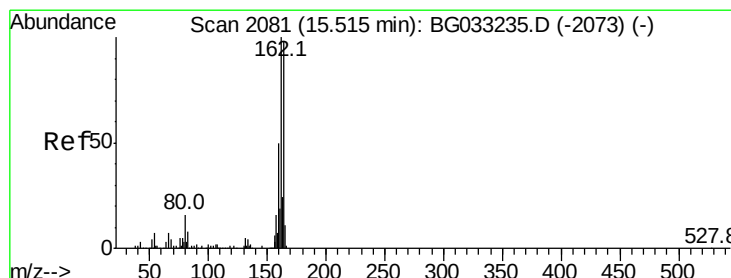
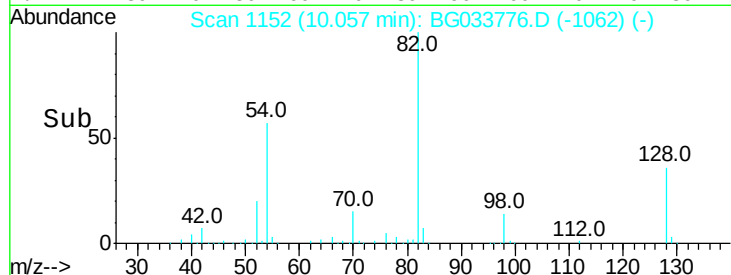
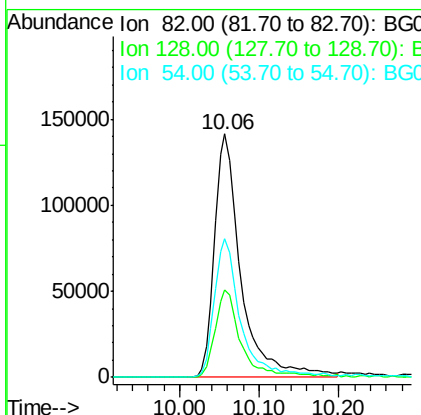
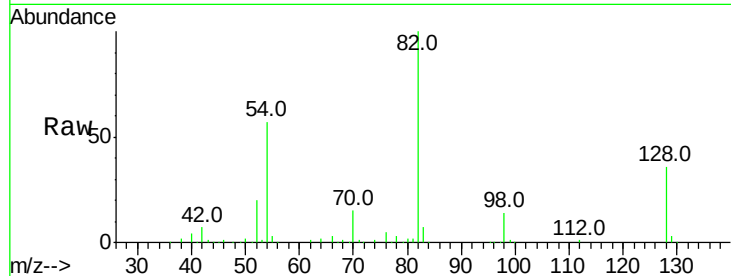




#23
 Nitrobenzene-d5
 Concen: 93.791 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033776.D
 Acq: 12 Apr 2018 17:24

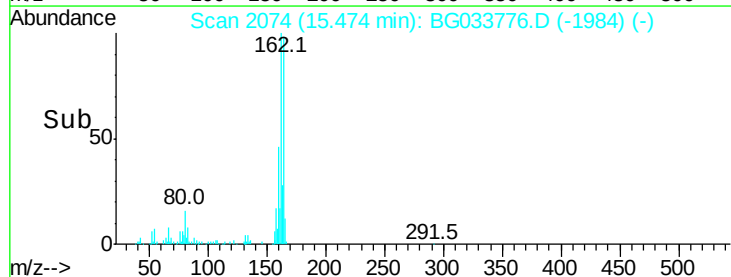
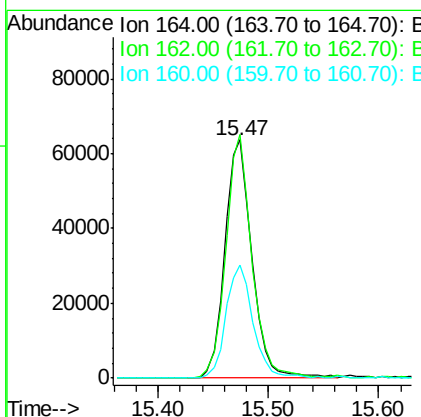
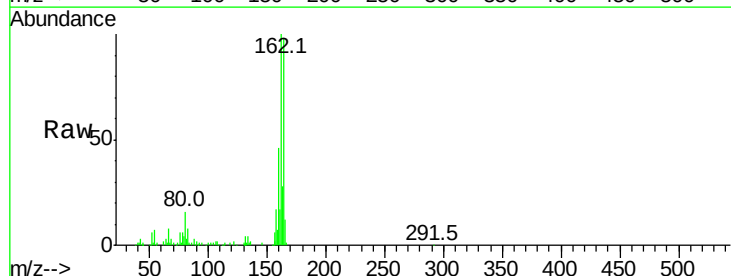
Instrument :
 BNA_G
 ClientSampled :

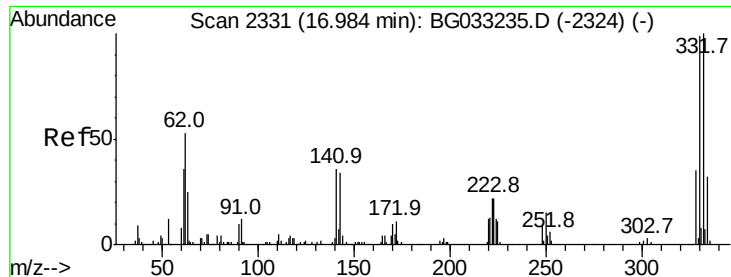
Tot Ion: 82 Resp: 327422
 Ion Ratio Lower Upper
 82 100
 128 35.8 29.7 44.5
 54 57.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033776.D
 Acq: 12 Apr 2018 17:24

Tgt Ion:164 Resp: 109113
 Ion Ratio Lower Upper
 164 100
 162 102.3 78.8 118.2
 160 47.5 35.4 53.0

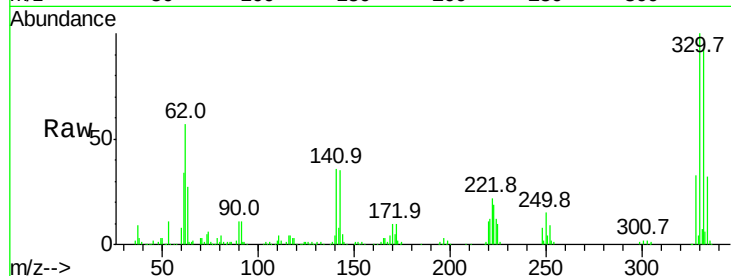




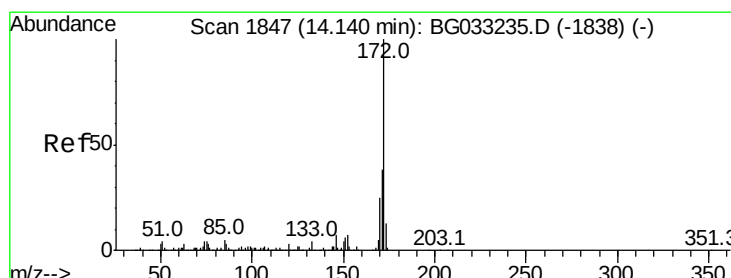
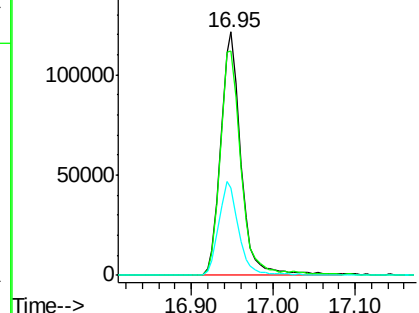
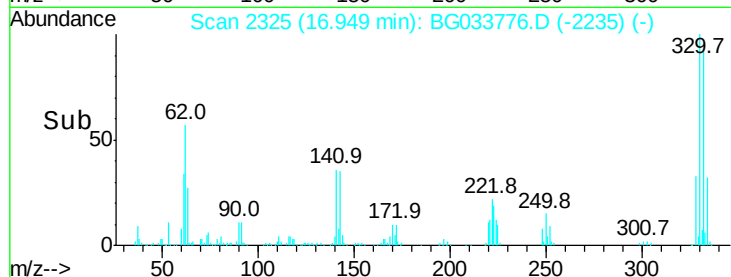
#41
 2,4,6-Tribromophenol
 Concen: 127.852 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033776.D
 Acq: 12 Apr 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	38.4	25.2	37.8#

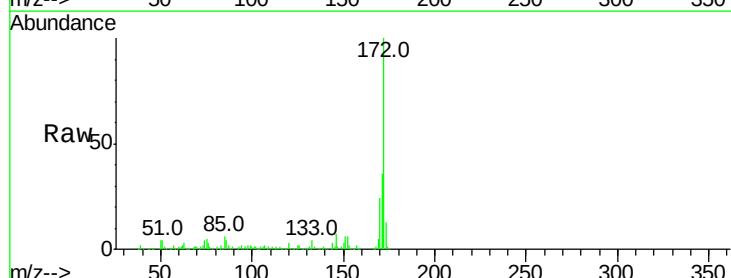


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

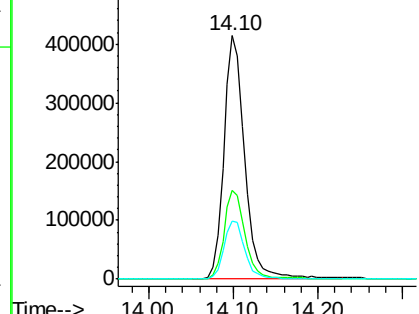
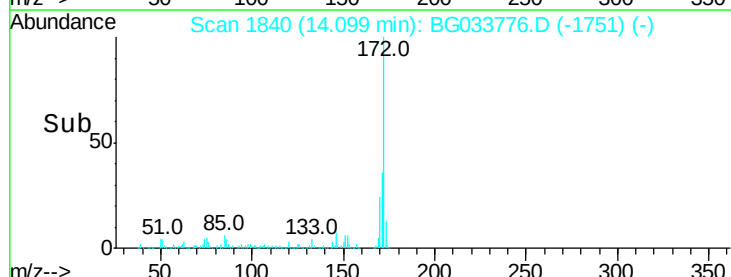


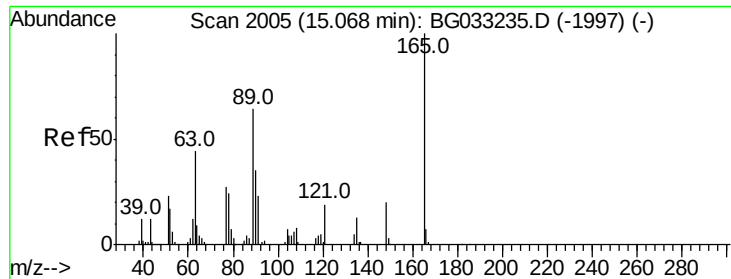
#44
 2-Fluorobiphenyl
 Concen: 94.538 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033776.D
 Acq: 12 Apr 2018 17:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	24.1	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

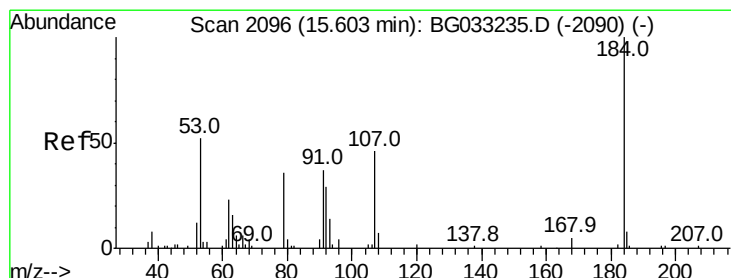
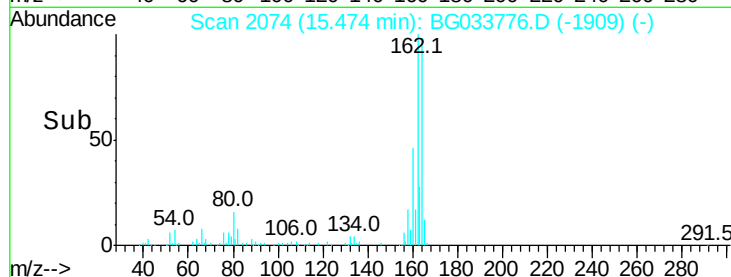
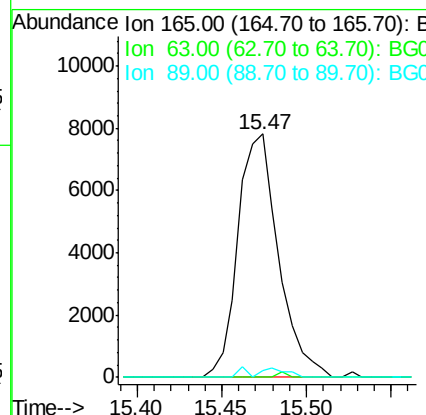
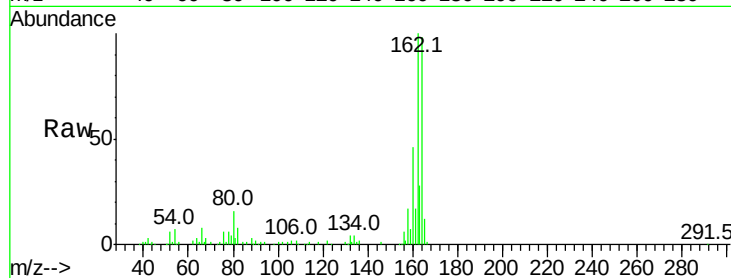




#50
2,6-Dinitrotoluene
Concen: 6.697 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033776.D
Acq: 12 Apr 2018 17:24

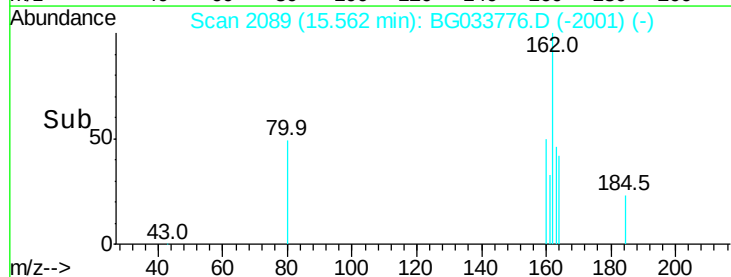
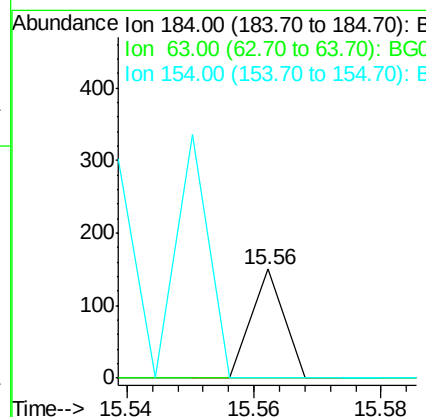
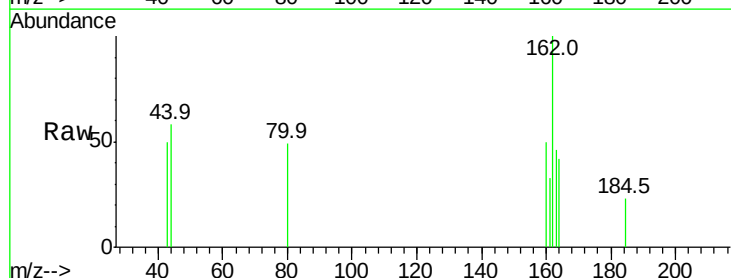
Instrument :
BNA_G
ClientSampled :

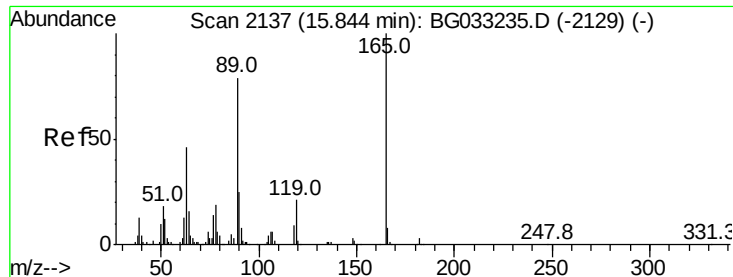
Tot Ion:165 Resp: 13003
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.5 49.2 73.8#



#53
2,4-Dinitrophenol
Concen: 7.691 ng
RT: 15.56 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BG033776.D
Acq: 12 Apr 2018 17:24

Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

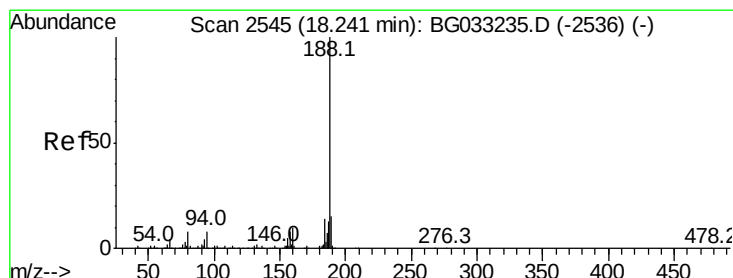
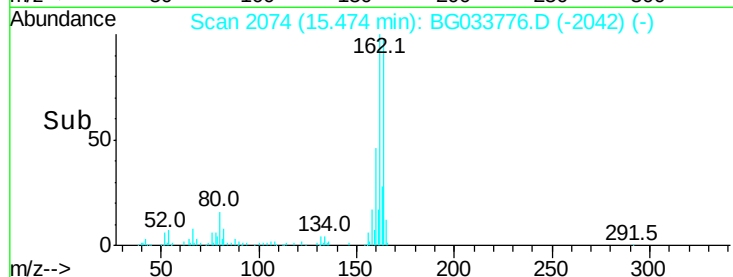
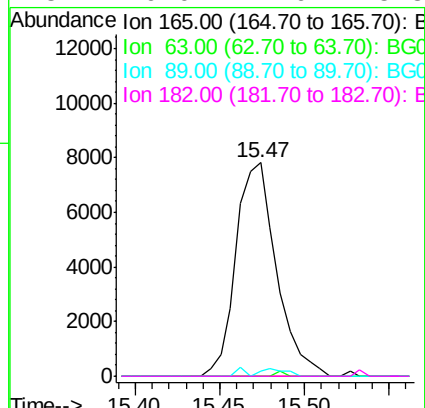
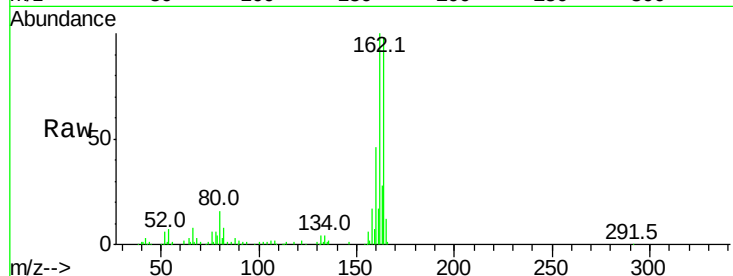




#56
2,4-Dinitrotoluene
Concen: 4.548 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033776.D
Acq: 12 Apr 2018 17:24

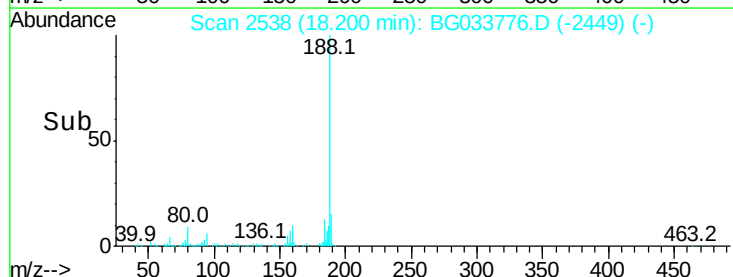
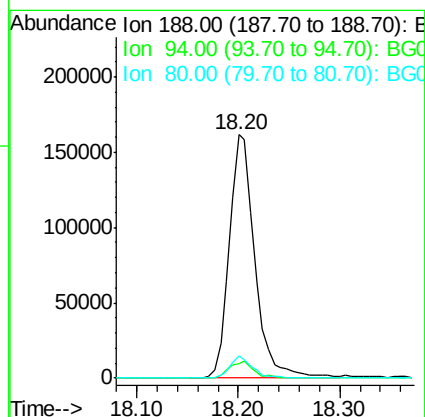
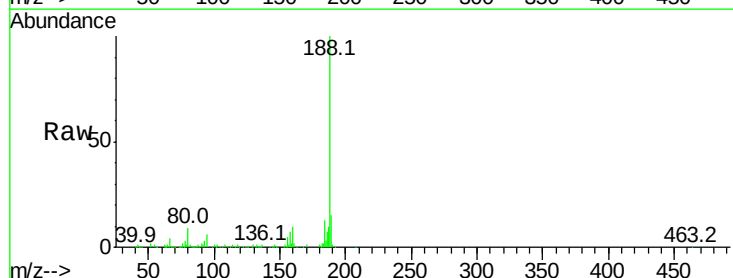
Instrument :
BNA_G
ClientSampleId :

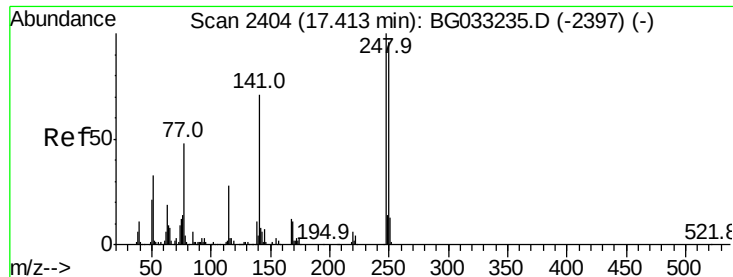
Tot Ion:165 Resp: 13003
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.5 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033776.D
Acq: 12 Apr 2018 17:24

Tgt Ion:188 Resp: 283242
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 9.3 7.7 11.5

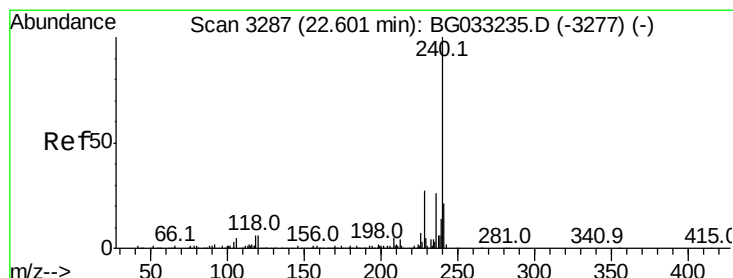
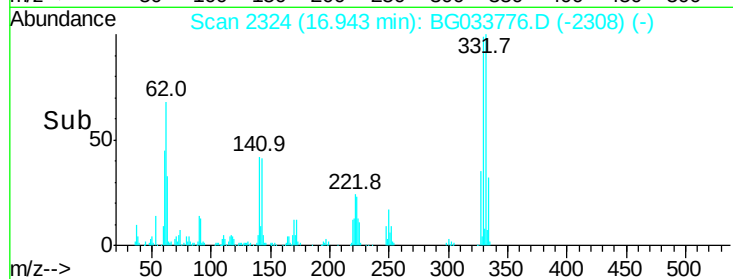
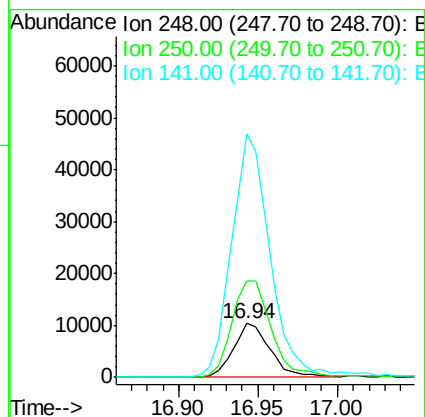
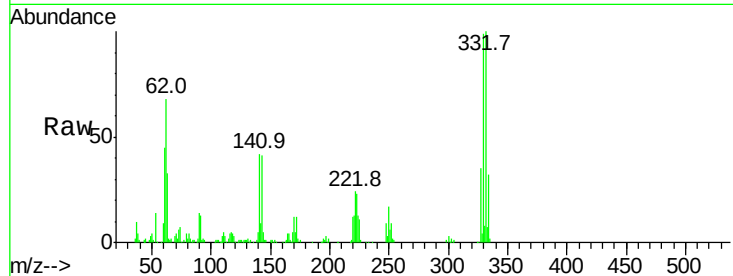




#66
 4-Bromophenyl-phenylether
 Concen: 5.012 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.43 min
 Lab File: BG033776.D
 Acq: 12 Apr 2018 17:24

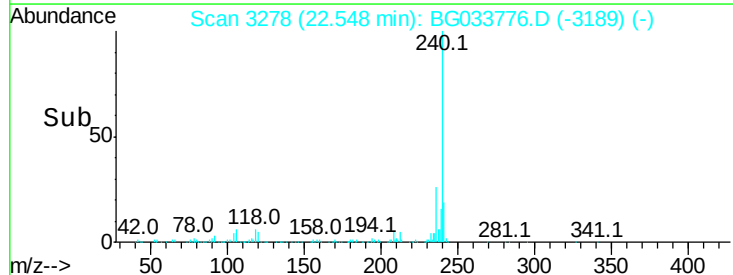
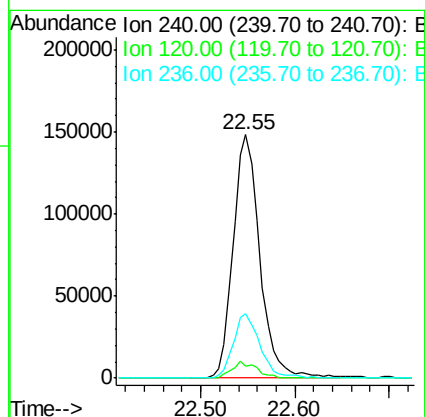
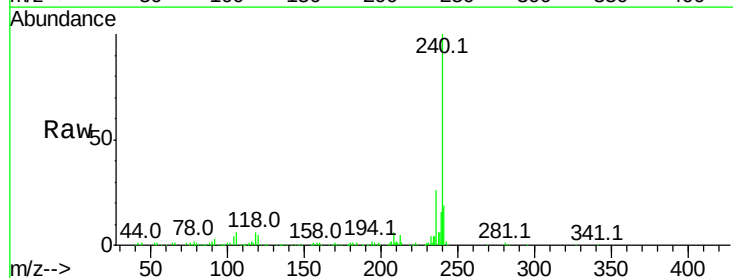
Instrument :
 BNA_G
 ClientSampleId :

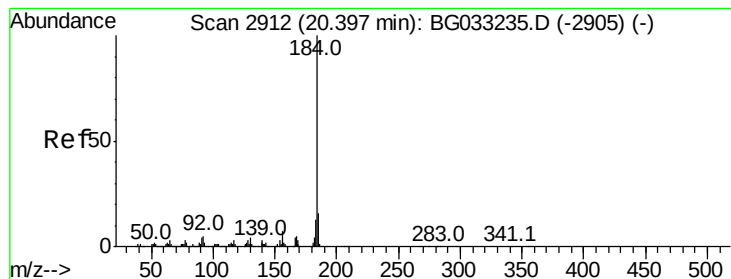
Tot Ion:248 Resp: 16671
 Ion Ratio Lower Upper
 248 100
 250 179.1 77.1 115.7#
 141 453.5 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BG033776.D
 Acq: 12 Apr 2018 17:24

Tgt Ion:240 Resp: 292471
 Ion Ratio Lower Upper
 240 100
 120 4.9 6.8 10.2#
 236 26.3 20.9 31.3





#76

Benzidine

Concen: 2.721 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033776.D

Acq: 12 Apr 2018 17:24

Instrument :

BNA_G

ClientSampleId :

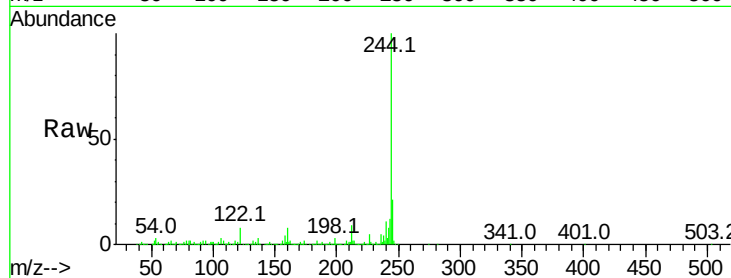
Tot Ion:184 Resp: 21582

Ion Ratio Lower Upper

184 100

185 12.9 11.1 16.7

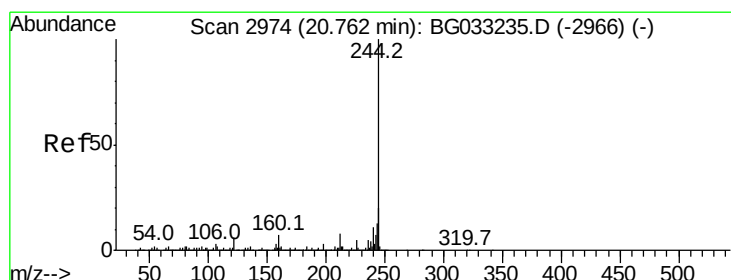
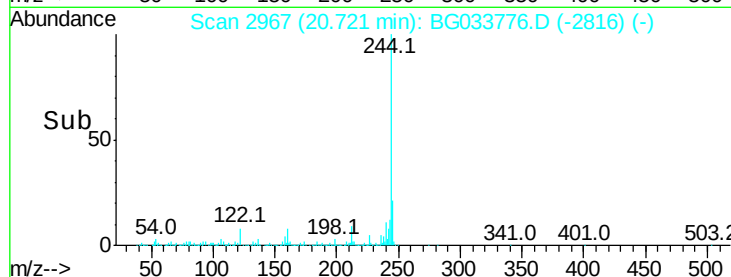
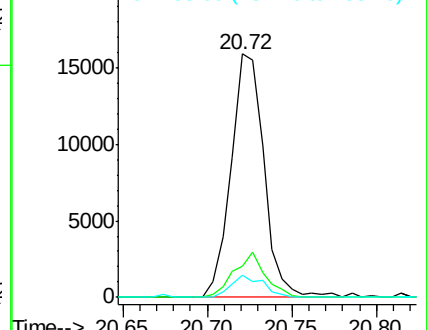
183 9.3 10.6 16.0#



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: 95.402 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033776.D

Acq: 12 Apr 2018 17:24

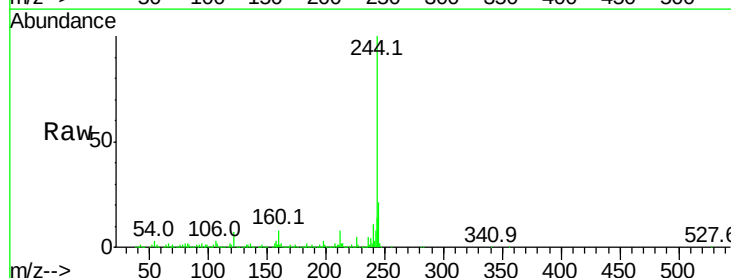
Tgt Ion:244 Resp: 1304692

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

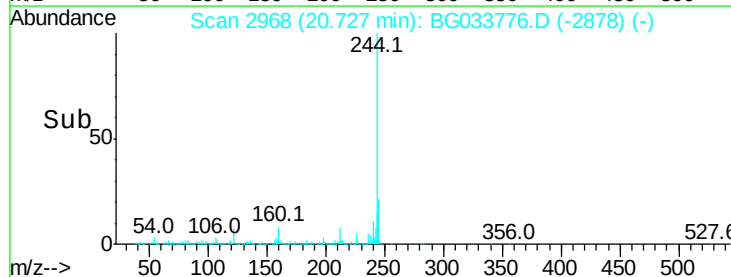
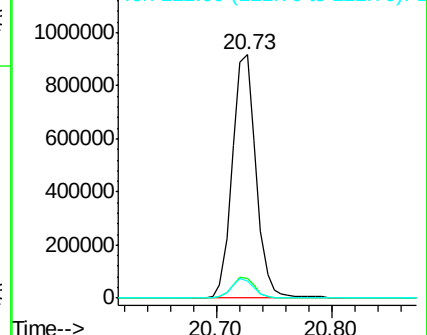
122 7.3 7.0 10.4

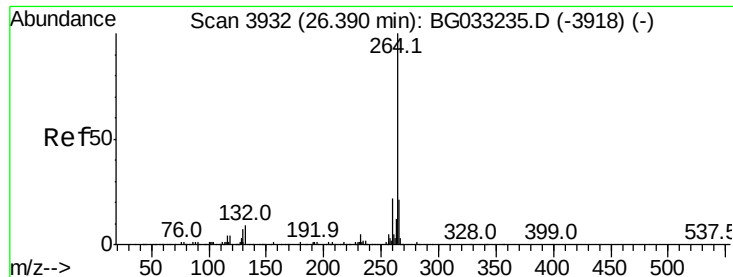


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.30 min Scan# 3917
Delta R.T. -0.00 min
Lab File: BG033776.D
Acq: 12 Apr 2018 17:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.5	17.7	26.5

