

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033811.D
 Acq On : 16 Apr 2018 11:49
 Operator : SJ/JU
 Sample : J2348-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 16 14:05:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

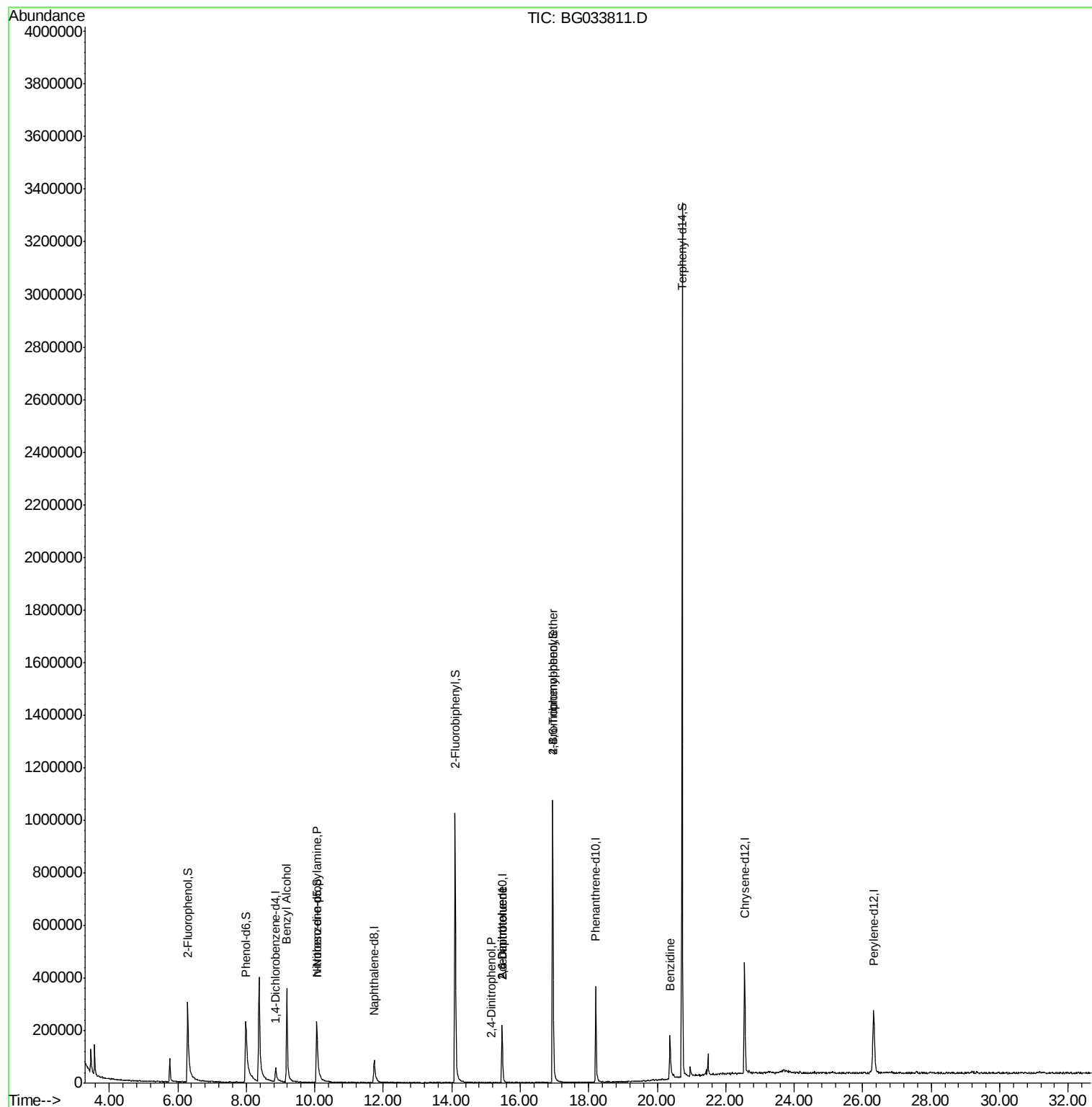
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	25479	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	112975	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	98614	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	283328	20.00	ng	0.00
75) Chrysene-d12	22.55	240	317578	20.00	ng	0.00
86) Perylene-d12	26.32	264	337463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	240424	176.94	ng	0.00
7) Phenol-d6	7.98	99	289100	123.83	ng	0.00
23) Nitrobenzene-d5	10.06	82	271969	110.60	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	246907	167.41	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	681481	99.76	ng	0.00
78) Terphenyl-d14	20.73	244	1653696	111.36	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	4230	2.301	ng	# 29
19) n-Nitroso-di-n-propylamine	10.06	70	33501	19.582	ng	# 80
50) 2,6-Dinitrotoluene	15.47	165	12376	7.053	ng	# 18
53) 2,4-Dinitrophenol	15.14	184	55	7.698	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	12377	4.790	ng	# 16
66) 4-Bromophenyl-phenylether	16.94	248	19195	5.769	ng	# 1
76) Benizidine	20.37	184	130211	15.119	ng	97

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

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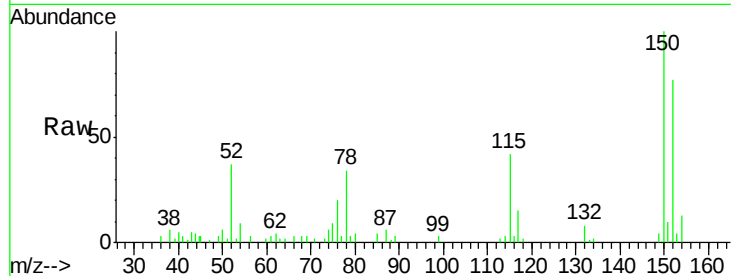


#1

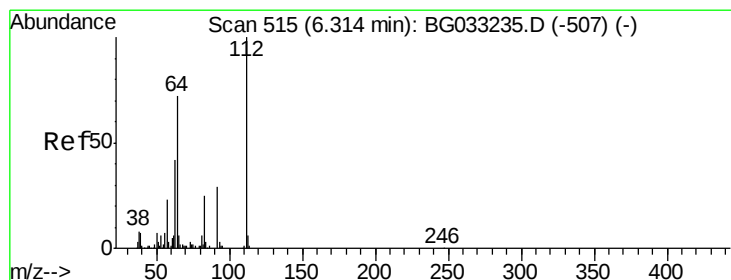
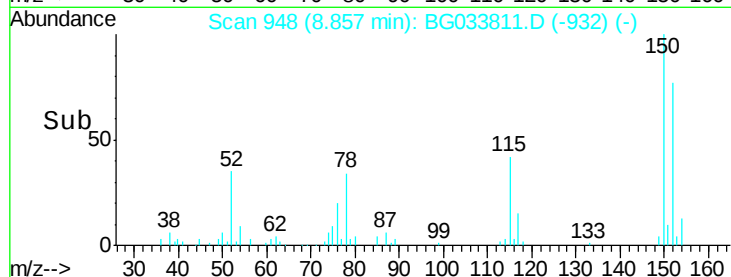
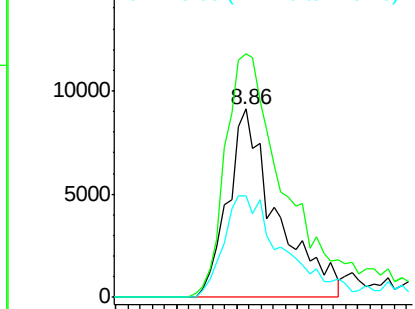
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033811.D
Acq: 16 Apr 2018 11:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25479
Ion Ratio Lower Upper
152 100
150 129.2 126.6 189.8
115 54.0 53.0 79.4



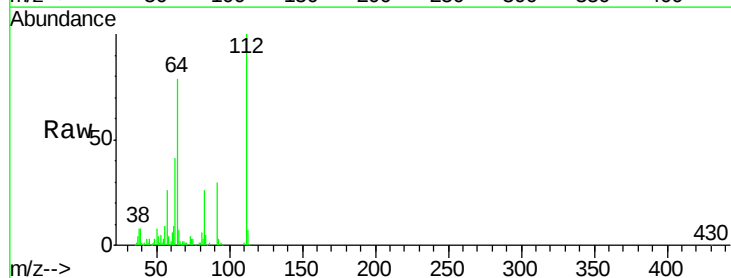
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



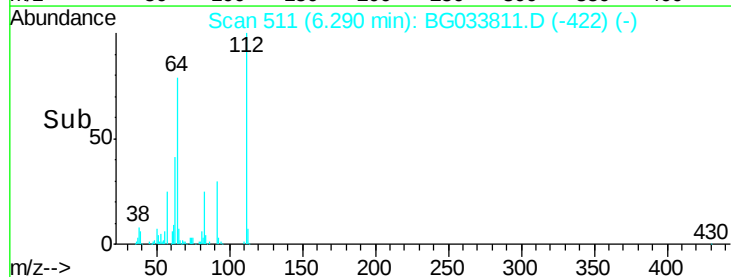
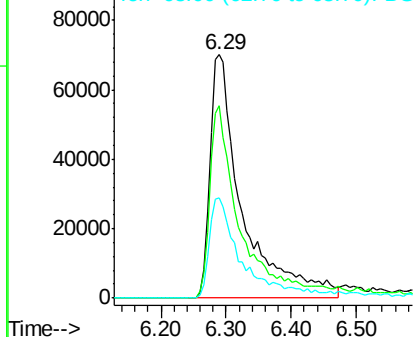
#5

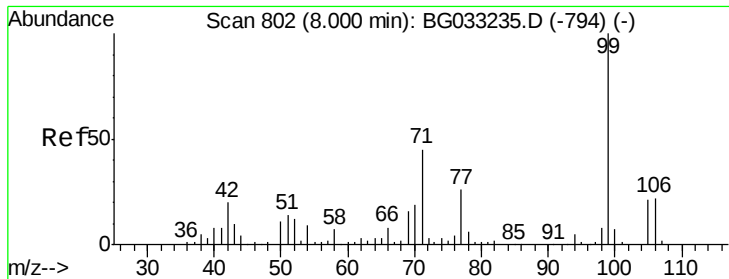
2-Fluorophenol
Concen: 176.939 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.01 min
Lab File: BG033811.D
Acq: 16 Apr 2018 11:49

Tgt Ion:112 Resp: 240424
Ion Ratio Lower Upper
112 100
64 79.2 56.3 84.5
63 41.2 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: 123.828 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG033811.D

Acq: 16 Apr 2018 11:49

Instrument :

BNA_G

ClientSampled :

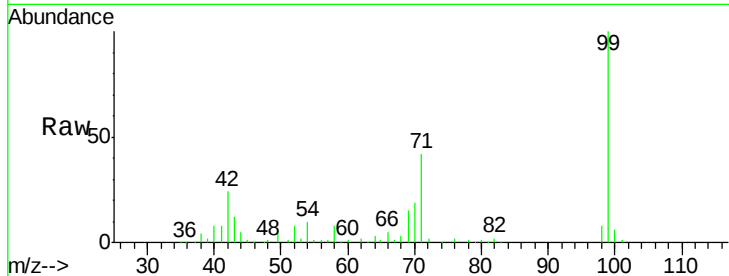
Tot Ion: 99 Resp: 289100

Ion Ratio Lower Upper

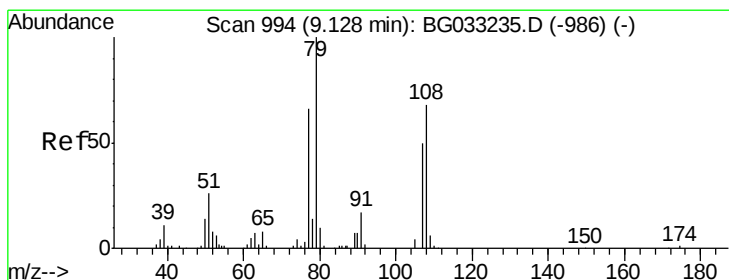
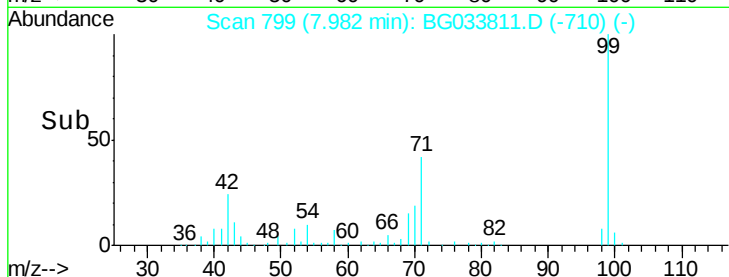
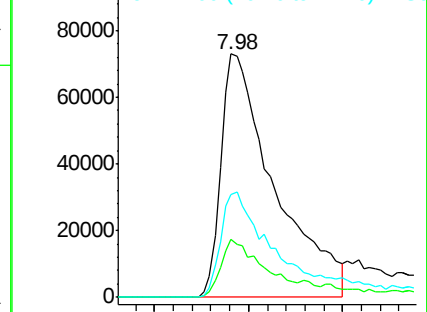
99 100

42 23.6 14.1 21.1#

71 42.0 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: 2.301 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.07 min

Lab File: BG033811.D

Acq: 16 Apr 2018 11:49

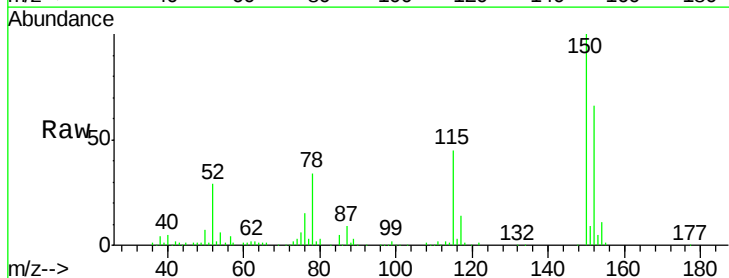
Tgt Ion: 79 Resp: 4230

Ion Ratio Lower Upper

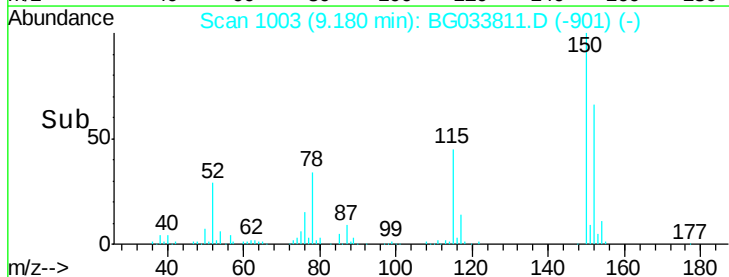
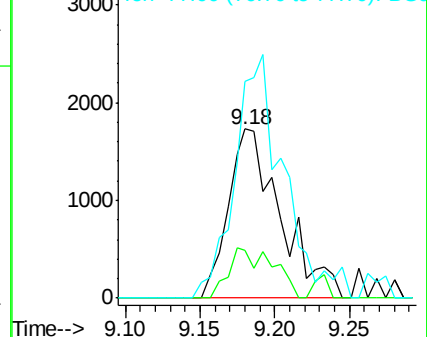
79 100

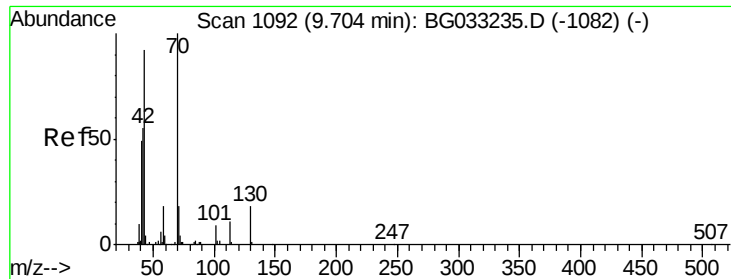
108 28.3 57.2 85.8#

77 128.3 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

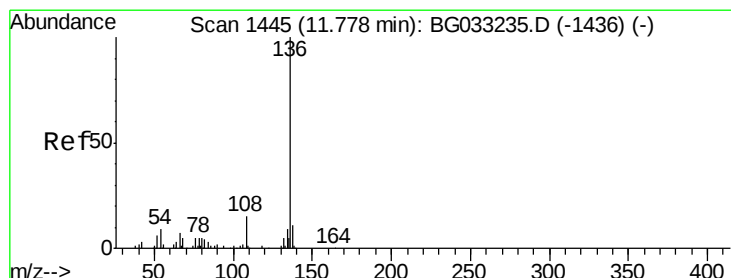
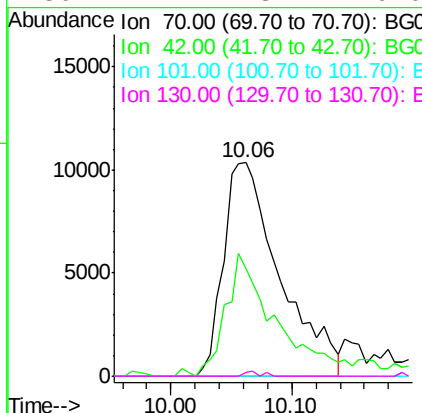
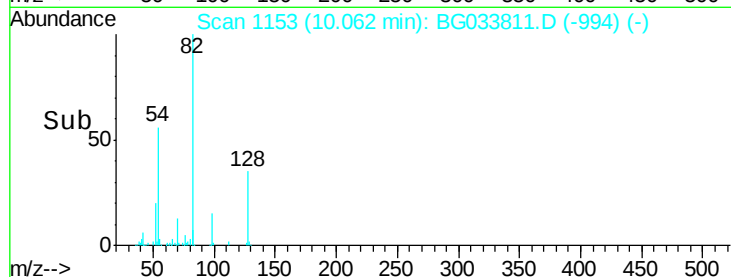
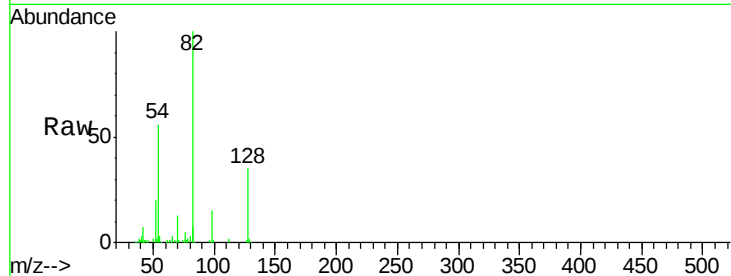




#19
n-Nitroso-di-n-propylamine
Concen: 19.582 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033811.D
Acq: 16 Apr 2018 11:49

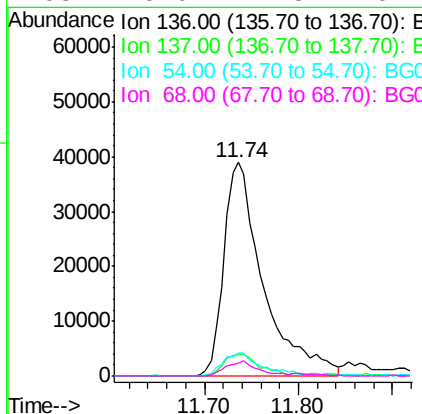
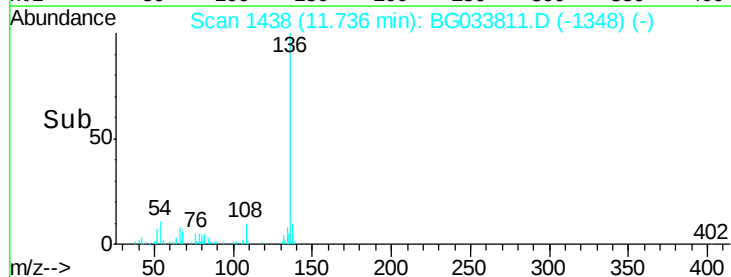
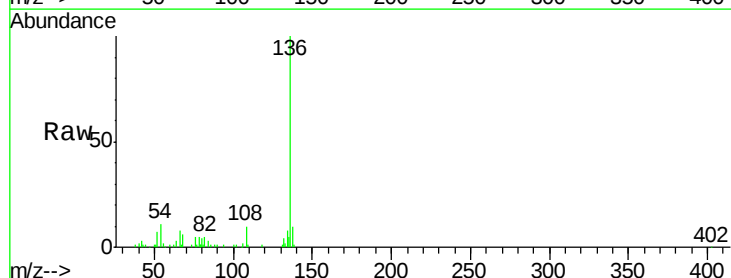
Instrument :
BNA_G
ClientSampleId :

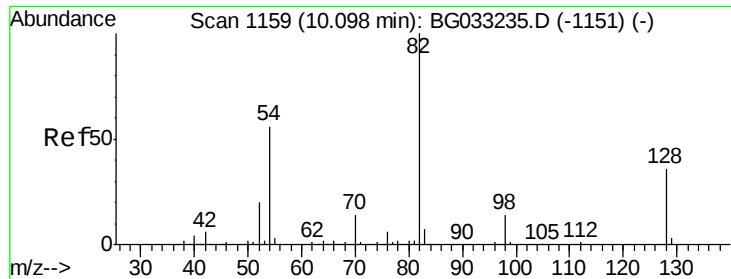
Tot Ion: 70 Resp: 33501
Ion Ratio Lower Upper
70 100
42 50.4 49.1 73.7
101 0.0 8.5 12.7#
130 1.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033811.D
Acq: 16 Apr 2018 11:49

Tgt Ion: 136 Resp: 112975
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 10.5 10.3 15.5
68 6.0 4.5 6.7

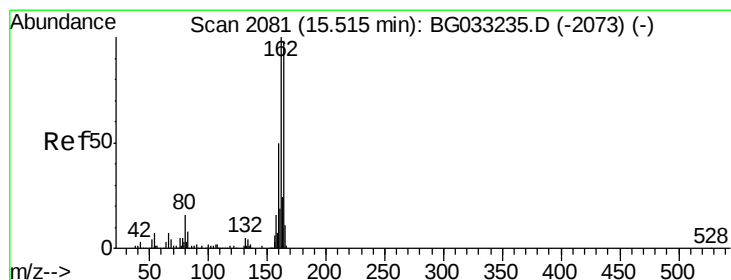
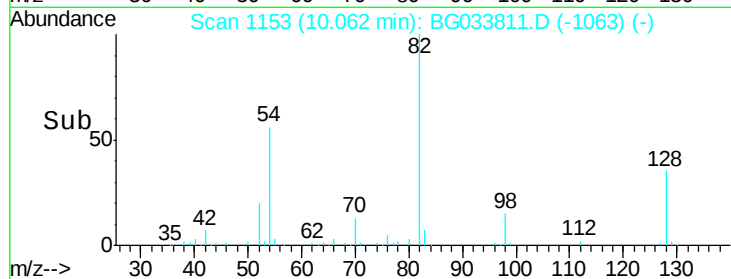
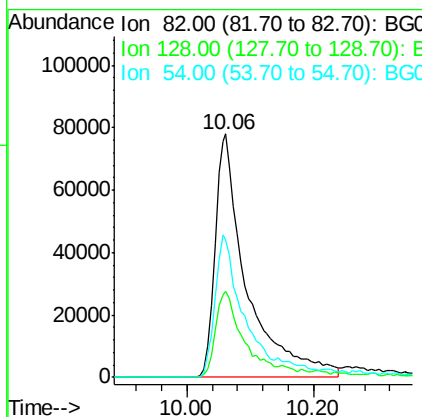
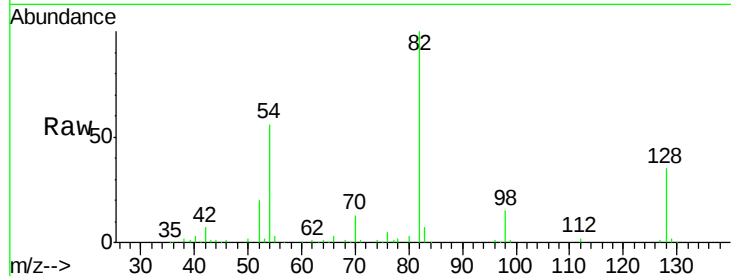




#23
 Nitrobenzene-d5
 Concen: 110.603 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033811.D
 Acq: 16 Apr 2018 11:49

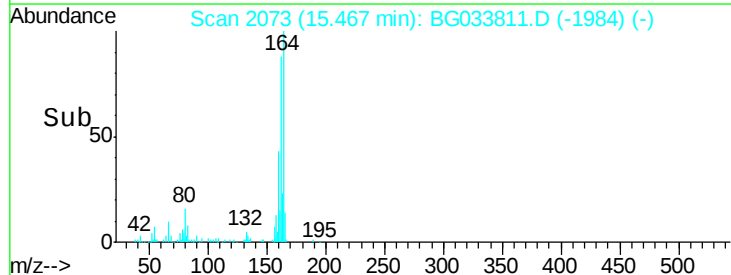
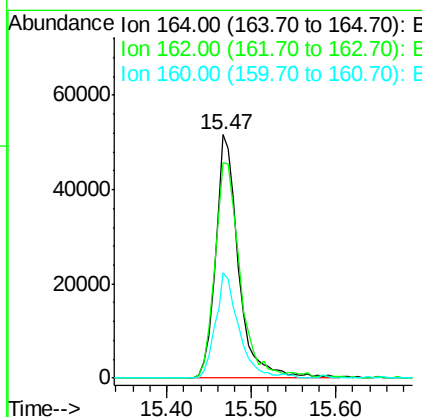
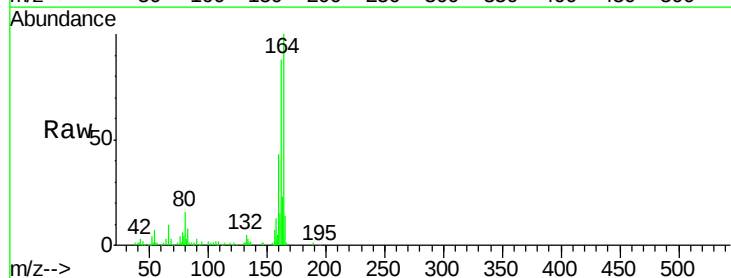
Instrument :
 BNA_G
 ClientSampled :

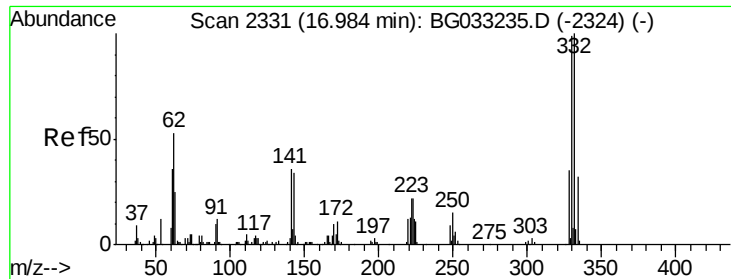
Tot Ion: 82 Resp: 271969
 Ion Ratio Lower Upper
 82 100
 128 35.5 29.7 44.5
 54 56.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033811.D
 Acq: 16 Apr 2018 11:49

Tgt Ion:164 Resp: 98614
 Ion Ratio Lower Upper
 164 100
 162 88.4 78.8 118.2
 160 43.0 35.4 53.0

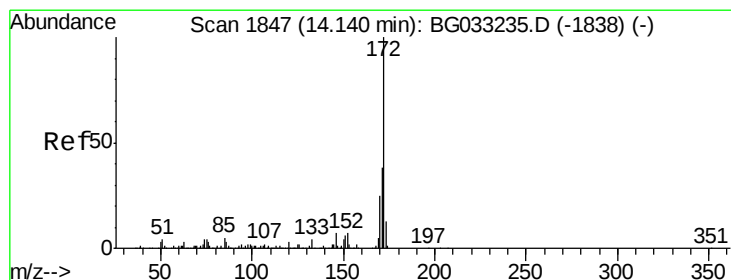
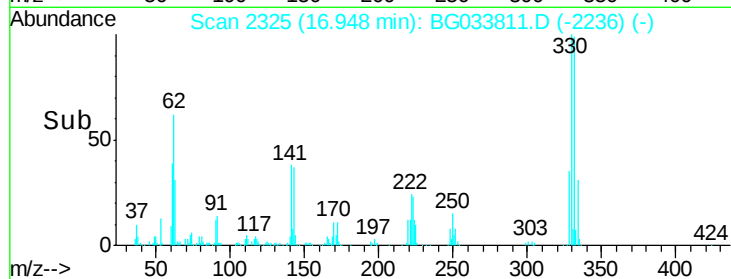
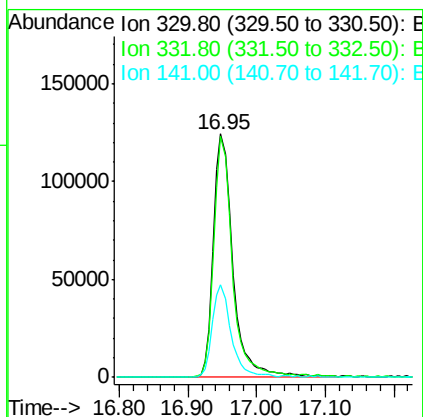
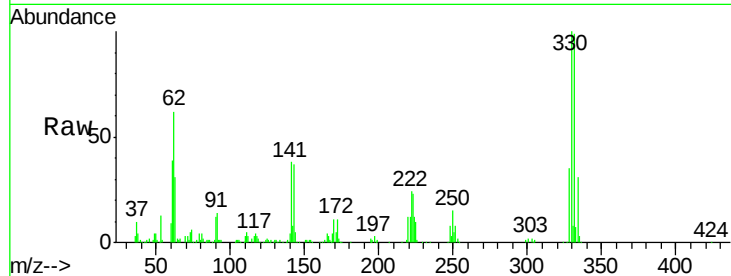




#41
 2,4,6-Tribromophenol
 Concen: 167.407 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033811.D
 Acq: 16 Apr 2018 11:49

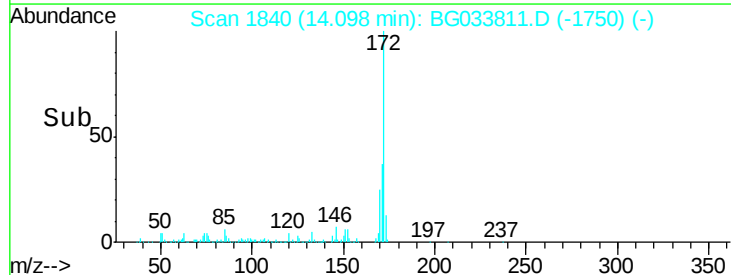
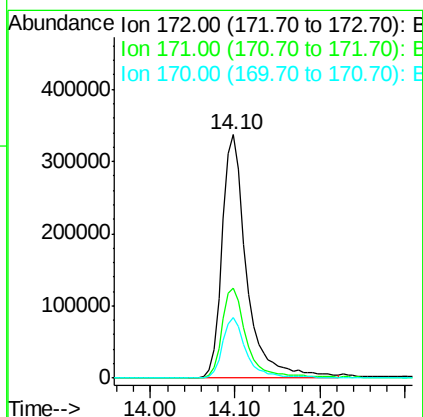
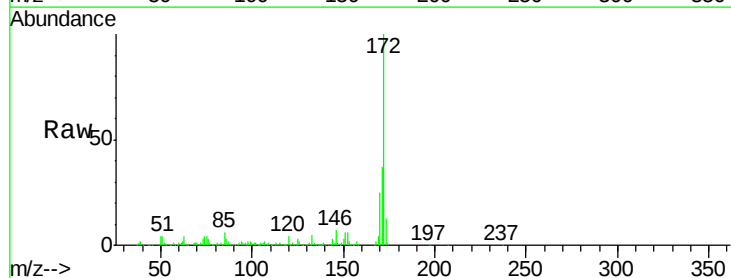
Instrument :
 BNA_G
 ClientSampleId :

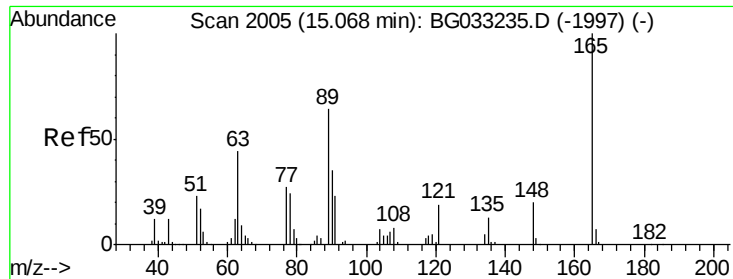
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.0	115.6
141	36.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 99.764 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033811.D
 Acq: 16 Apr 2018 11:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	24.7	19.5	29.3

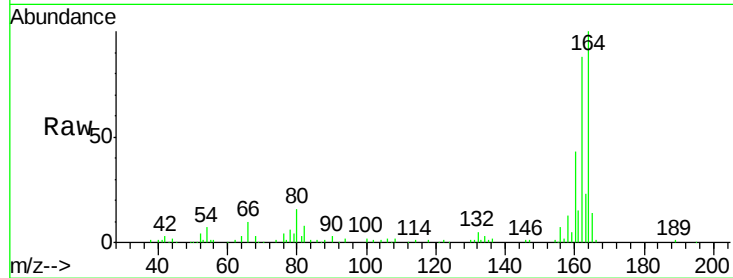




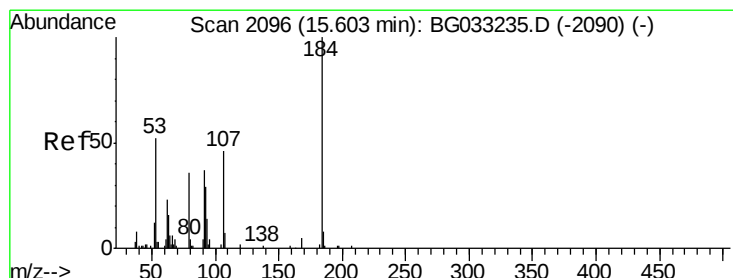
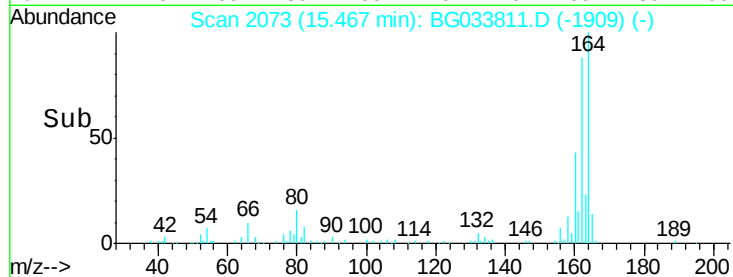
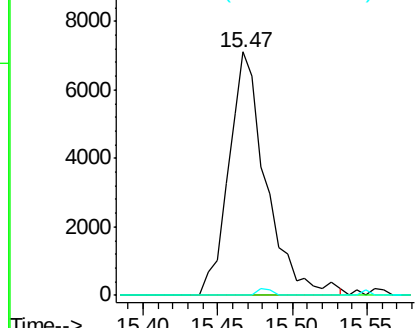
#50
 2,6-Dinitrotoluene
 Concen: 7.053 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.43 min
 Lab File: BG033811.D
 Acq: 16 Apr 2018 11:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 12376
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

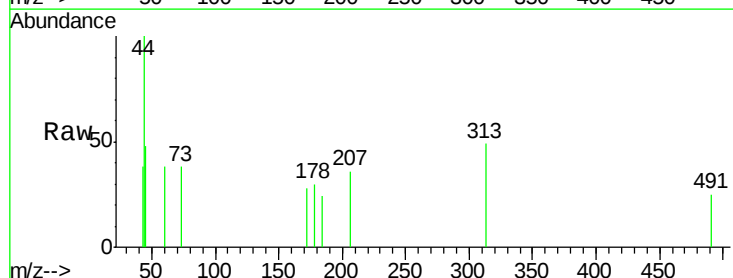


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

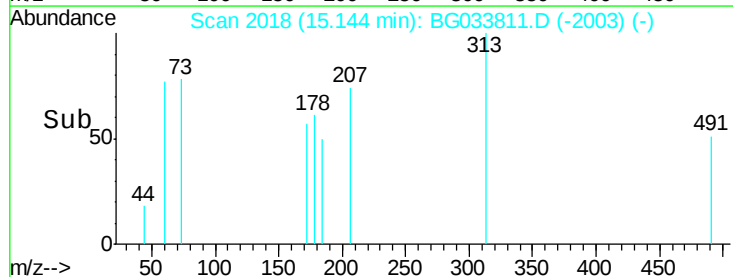
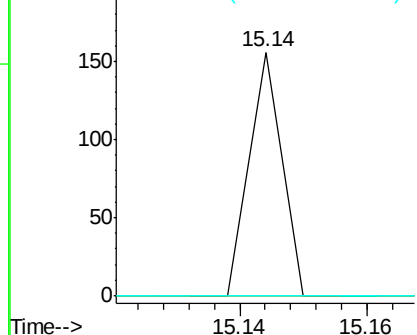


#53
 2,4-Dinitrophenol
 Concen: 7.698 ng
 RT: 15.14 min Scan# 2018
 Delta R.T. -0.44 min
 Lab File: BG033811.D
 Acq: 16 Apr 2018 11:49

Tgt Ion:184 Resp: 55
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

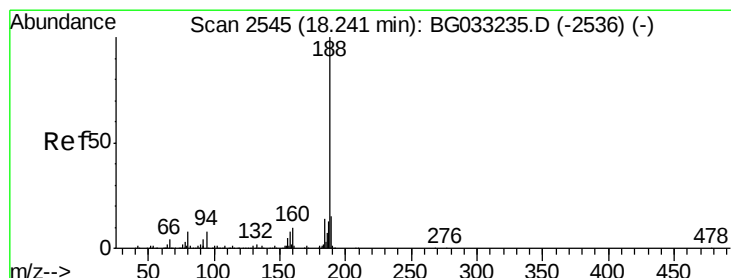
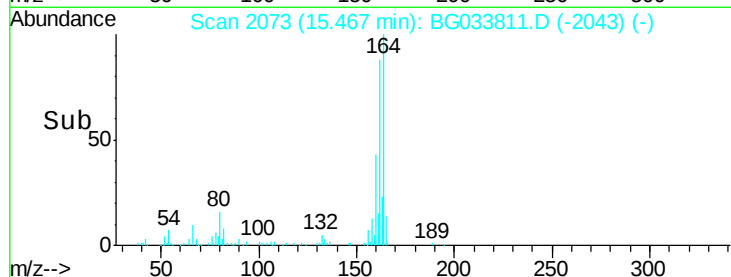
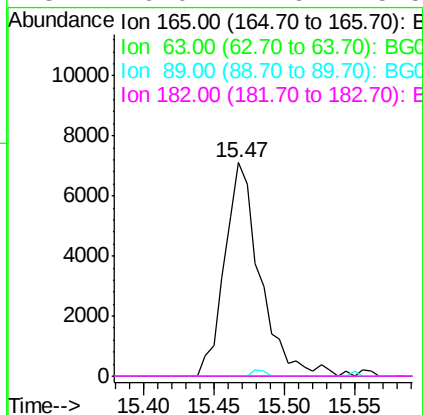
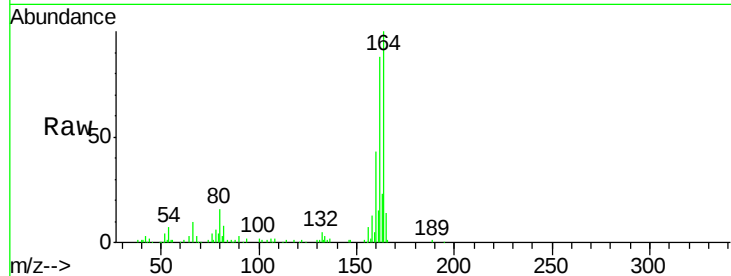




#56
 2,4-Dinitrotoluene
 Concen: 4.790 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.35 min
 Lab File: BG033811.D
 Acq: 16 Apr 2018 11:49

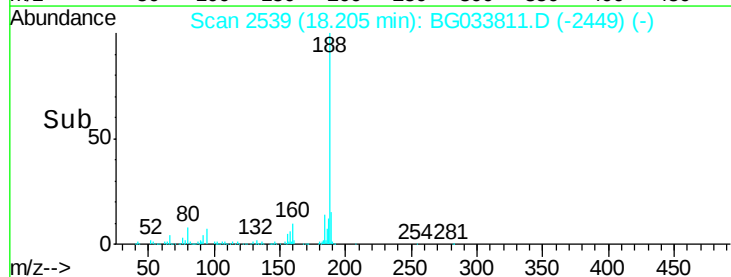
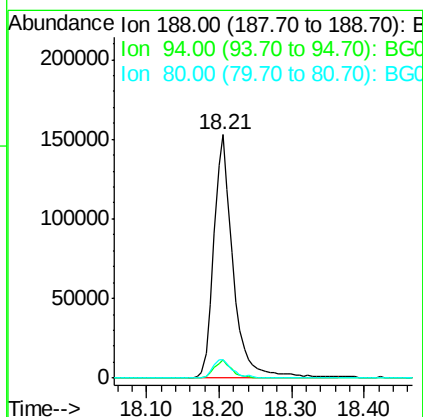
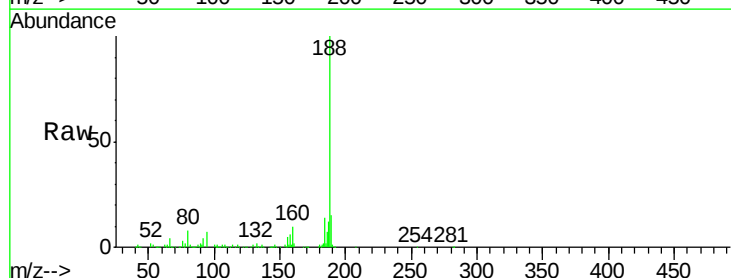
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 12377
 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: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG033811.D
 Acq: 16 Apr 2018 11:49

Tgt Ion:188 Resp: 283328
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.9 10.3
 80 7.7 7.7 11.5#

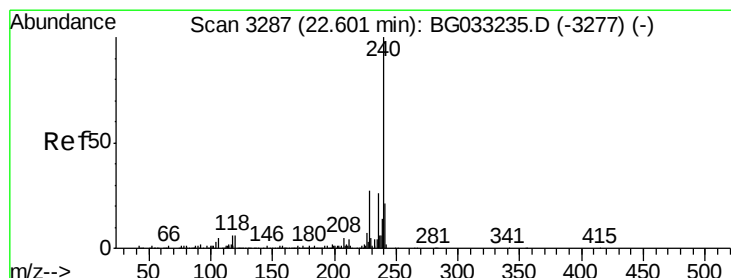
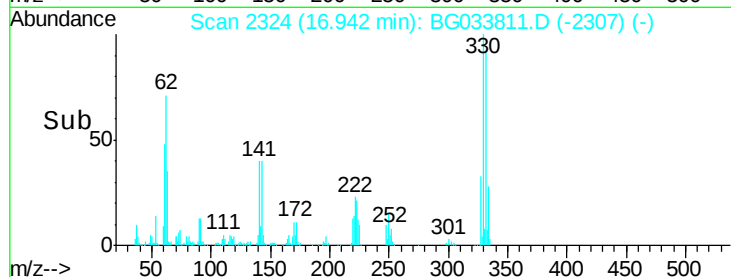
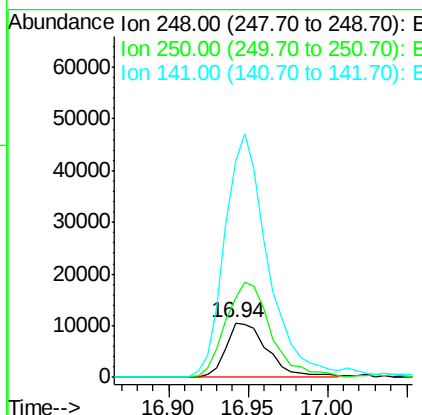
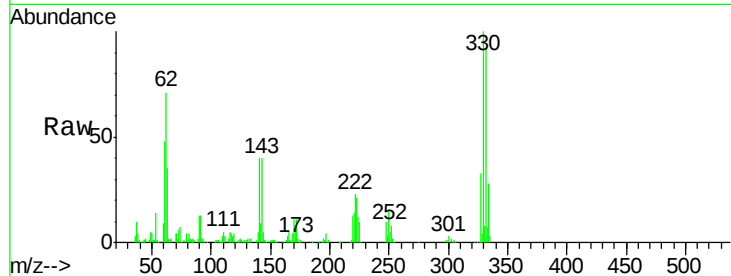




#66
4-Bromophenyl-phenylether
Concen: 5.769 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033811.D
Acq: 16 Apr 2018 11:49

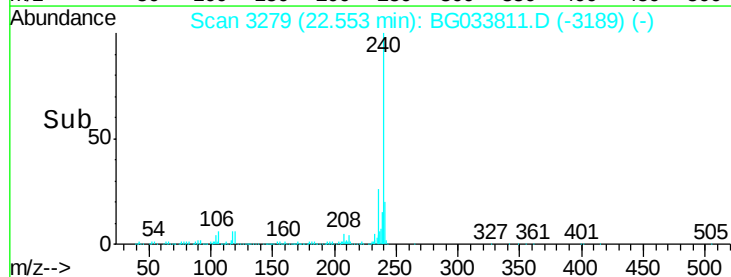
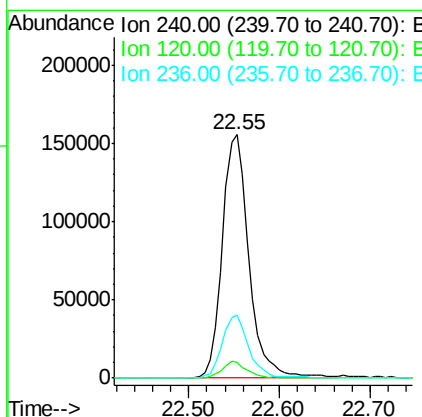
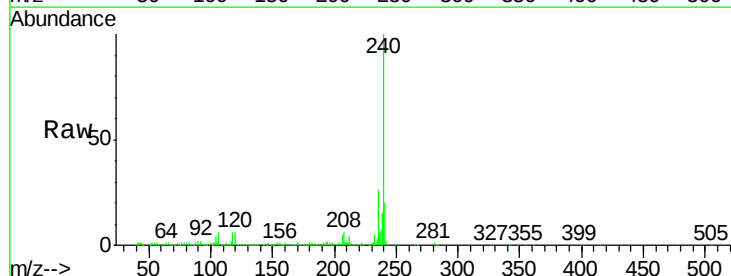
Instrument :
BNA_G
ClientSampleId :

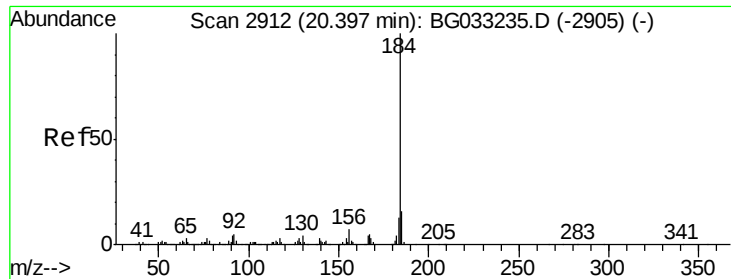
Tot Ion:248 Resp: 19195
Ion Ratio Lower Upper
248 100
250 147.7 77.1 115.7#
141 399.4 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033811.D
Acq: 16 Apr 2018 11:49

Tgt Ion:240 Resp: 317578
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 26.0 20.9 31.3

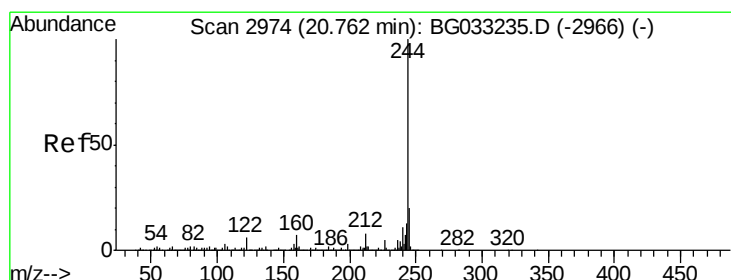
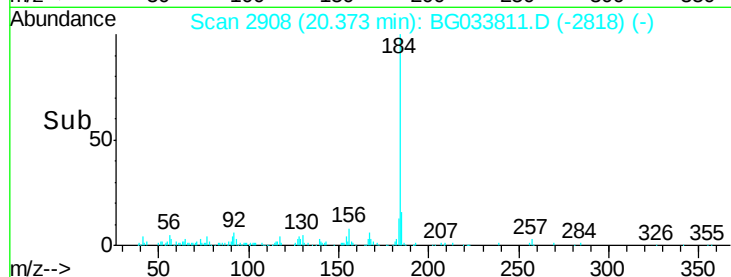
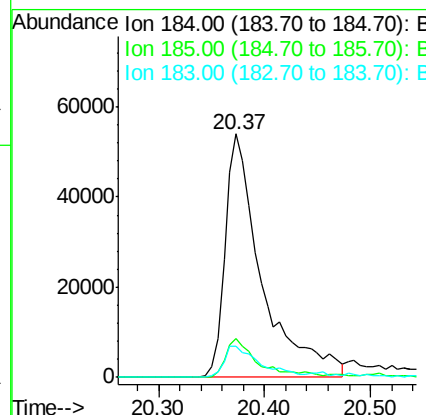
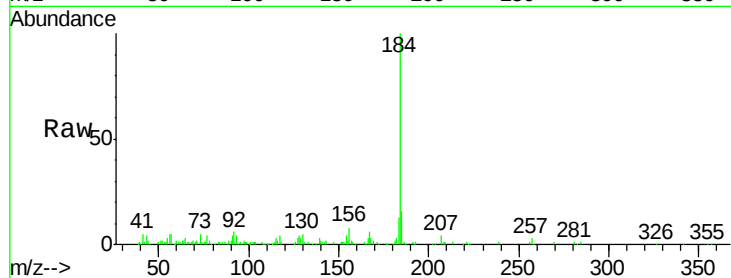




#76
Benzidine
Concen: 15.119 ng
RT: 20.37 min Scan# 2908
Delta R.T. -0.00 min
Lab File: BG033811.D
Acq: 16 Apr 2018 11:49

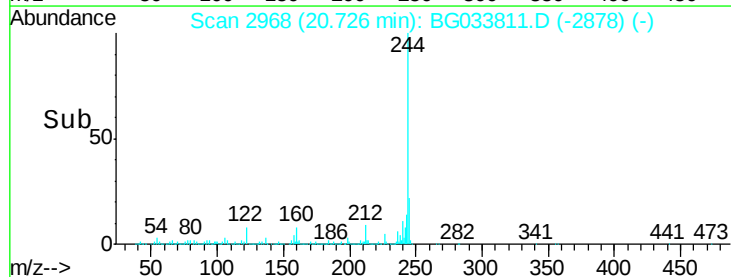
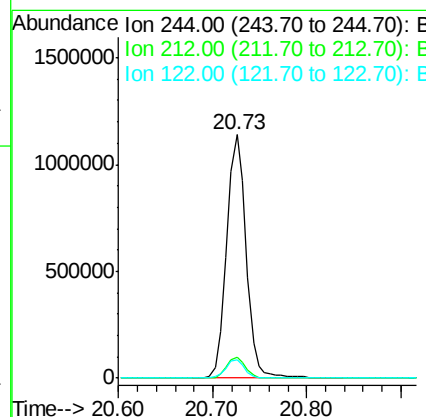
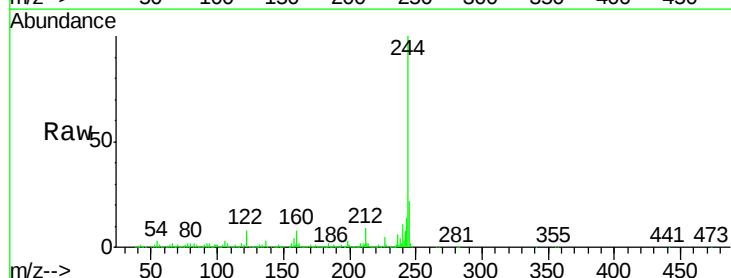
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 130211
Ion Ratio Lower Upper
184 100
185 16.0 11.1 16.7
183 13.0 10.6 16.0



#78
Terphenyl-d14
Concen: 111.362 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.00 min
Lab File: BG033811.D
Acq: 16 Apr 2018 11:49

Tgt Ion:244 Resp: 1653696
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.8
122 7.8 7.0 10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033811.D
Acq: 16 Apr 2018 11:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	20.1	17.7	26.5

