

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033838.D
 Acq On : 17 Apr 2018 6:02
 Operator : SJ/JU
 Sample : J2391-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 06:38:26 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

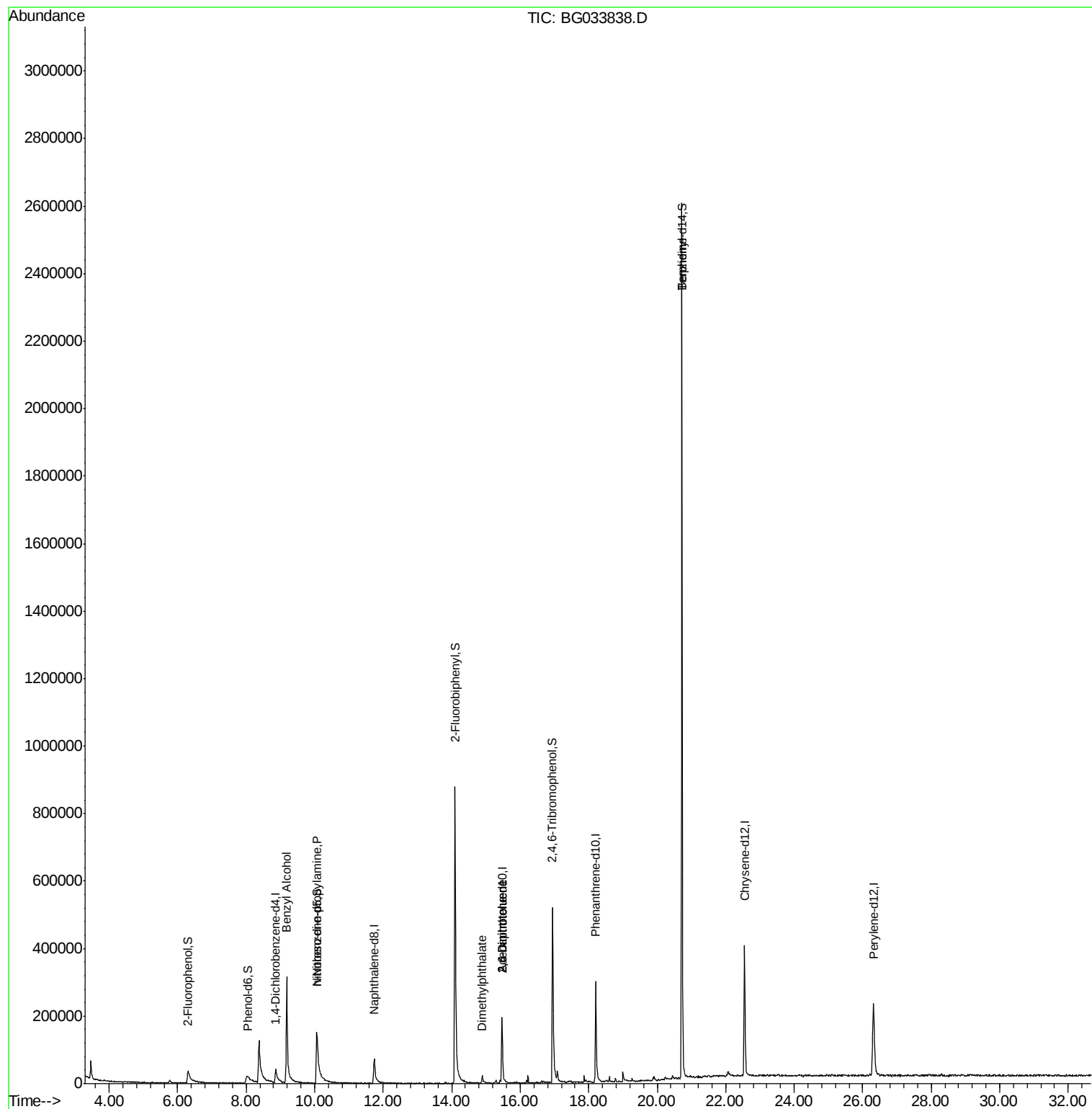
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	21181	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	97259	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	96287	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	277508	20.00	ng	0.00
75) Chrysene-d12	22.55	240	294264	20.00	ng	0.00
86) Perylene-d12	26.32	264	314192	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	37907	33.56	ng	0.01
7) Phenol-d6	8.04	99	29893	15.40	ng	0.05
23) Nitrobenzene-d5	10.06	82	233917	110.50	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	144195	100.13	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	688400	103.21	ng	0.00
78) Terphenyl-d14	20.72	244	1361268	98.93	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	4643	3.038	ng	# 53
19) n-Nitroso-di-n-propylamine	10.06	70	27578	19.391	ng	# 76
49) Dimethylphthalate	14.89	163	21453	2.560	ng	# 94
50) 2,6-Dinitrotoluene	15.47	165	11780	6.875	ng	# 18
56) 2,4-Dinitrotoluene	15.47	165	11780	4.669	ng	# 16
76) Benzidine	20.72	184	21707	2.720	ng	# 85

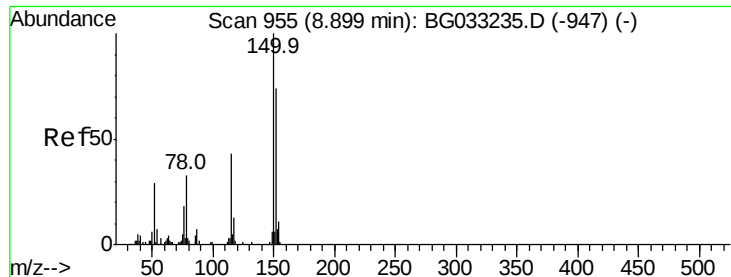
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033838.D
Acq On : 17 Apr 2018 6:02
Operator : SJ/JU
Sample : J2391-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 17 06:38:26 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



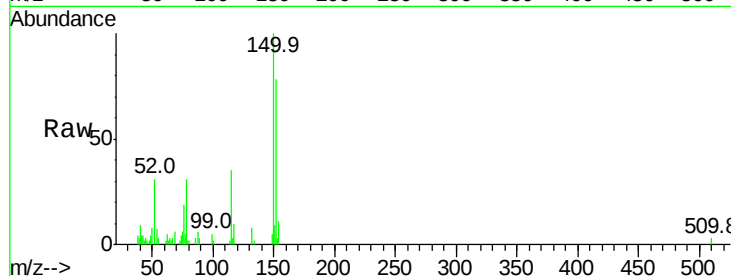


#1

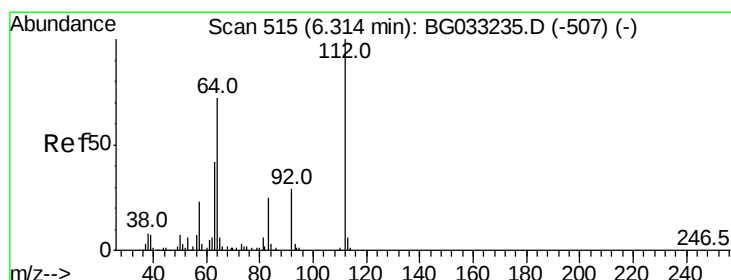
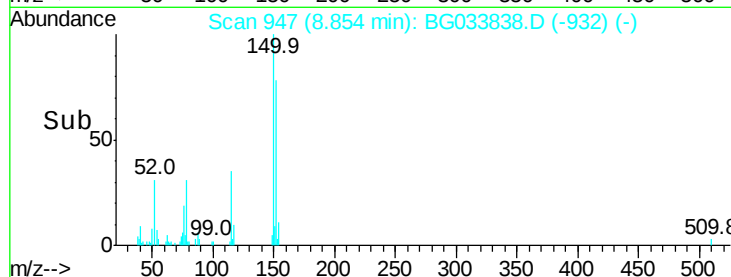
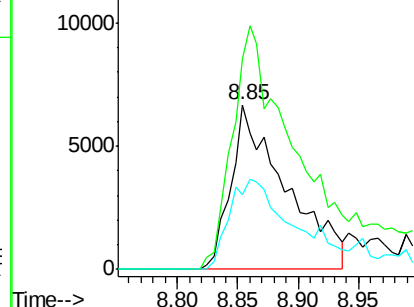
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG033838.D
Acq: 17 Apr 2018 6:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 21181
Ion Ratio Lower Upper
152 100
150 127.7 126.6 189.8
115 45.3 53.0 79.4#



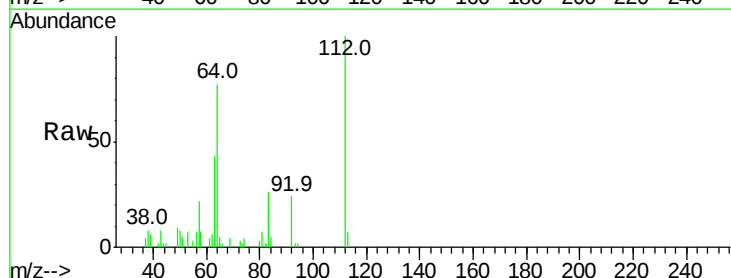
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



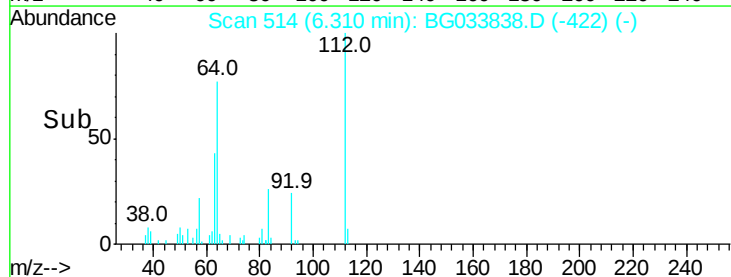
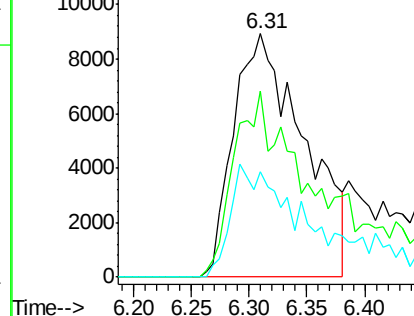
#5

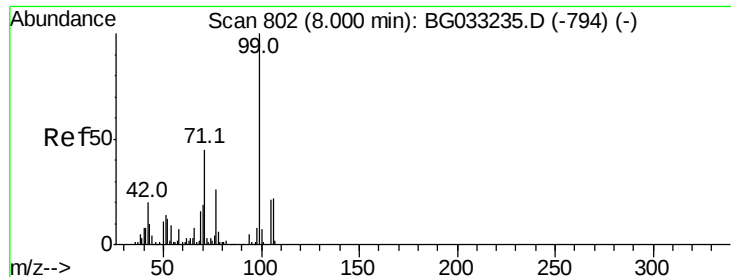
2-Fluorophenol
Concen: 33.558 ng
RT: 6.31 min Scan# 514
Delta R.T. 0.01 min
Lab File: BG033838.D
Acq: 17 Apr 2018 6:02

Tgt Ion:112 Resp: 37907
Ion Ratio Lower Upper
112 100
64 76.6 56.3 84.5
63 43.2 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: 15.402 ng

RT: 8.04 min Scan# 808

Delta R.T. 0.05 min

Lab File: BG033838.D

Acq: 17 Apr 2018 6:02

Instrument :

BNA_G

ClientSampleId :

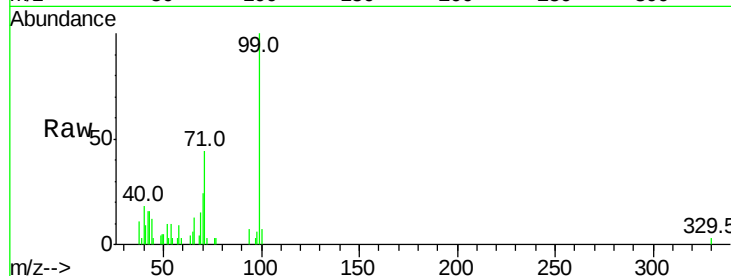
Tot Ion: 99 Resp: 29893

Ion Ratio Lower Upper

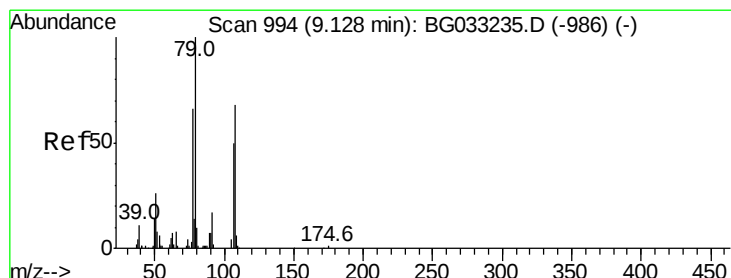
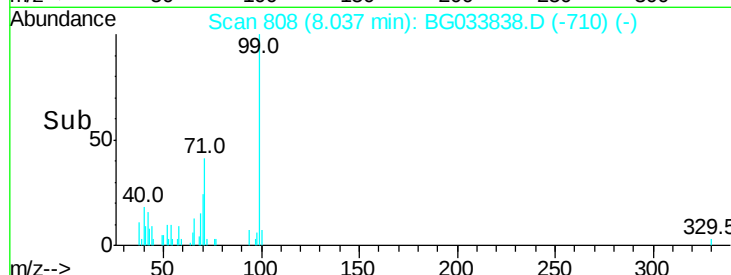
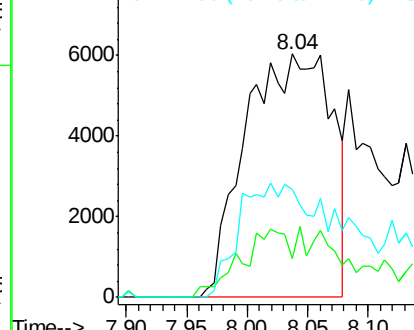
99 100

42 15.8 14.1 21.1

71 44.1 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: 3.038 ng

RT: 9.18 min Scan# 1002

Delta R.T. 0.07 min

Lab File: BG033838.D

Acq: 17 Apr 2018 6:02

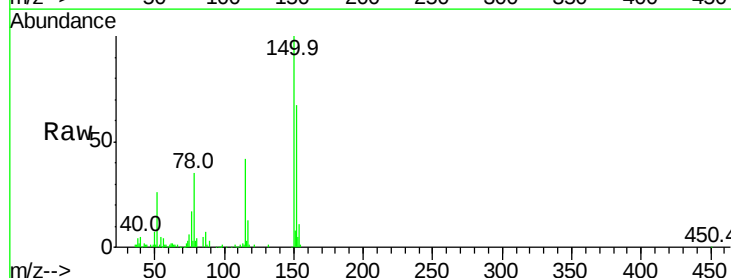
Tgt Ion: 79 Resp: 4643

Ion Ratio Lower Upper

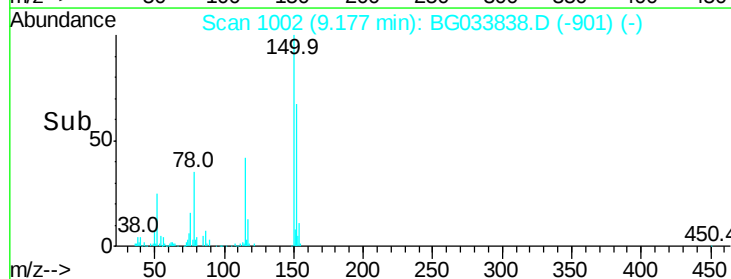
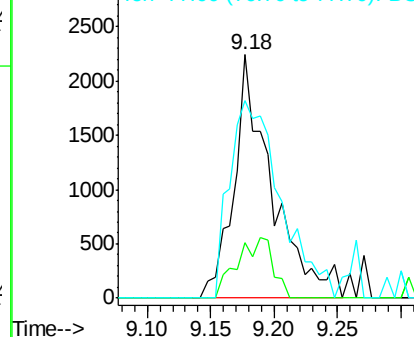
79 100

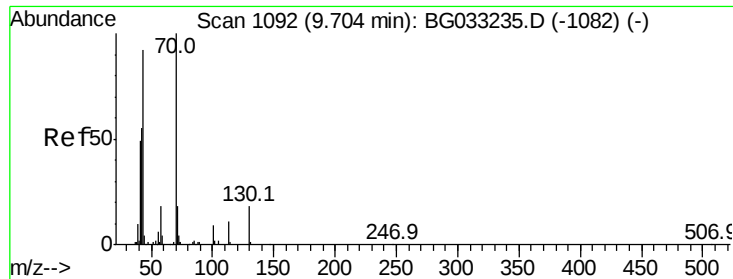
108 22.8 57.2 85.8#

77 81.3 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

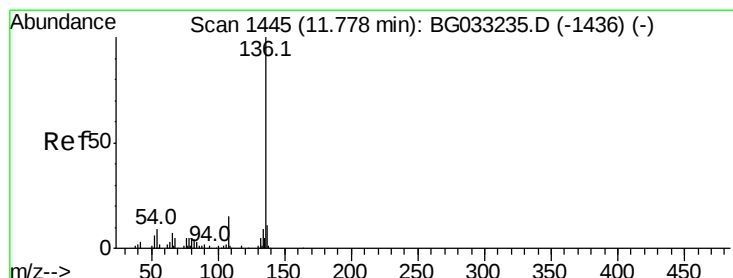
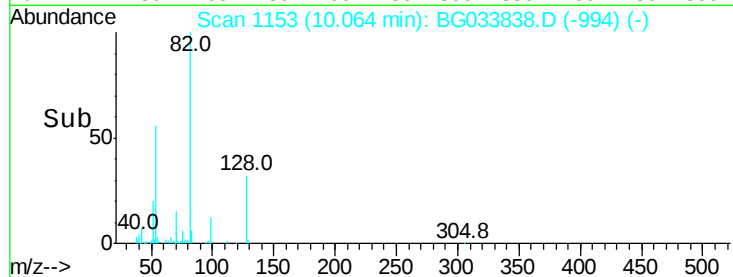
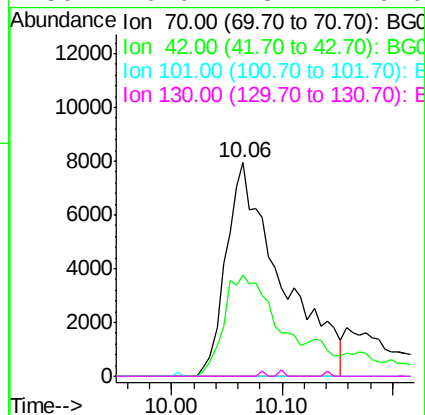
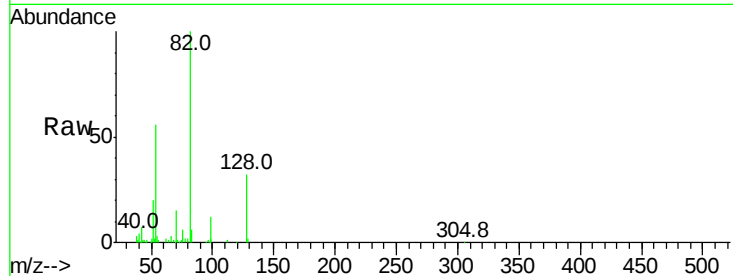




#19
n-Nitroso-di-n-propylamine
Concen: 19.391 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.41 min
Lab File: BG033838.D
Acq: 17 Apr 2018 6:02

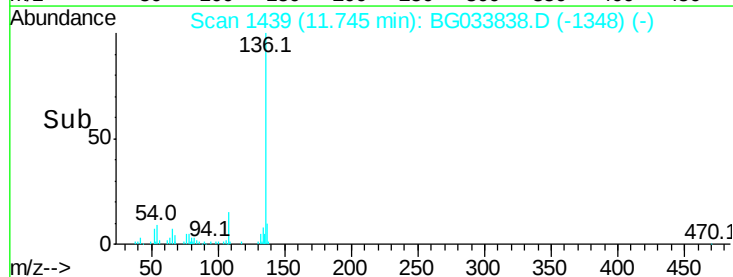
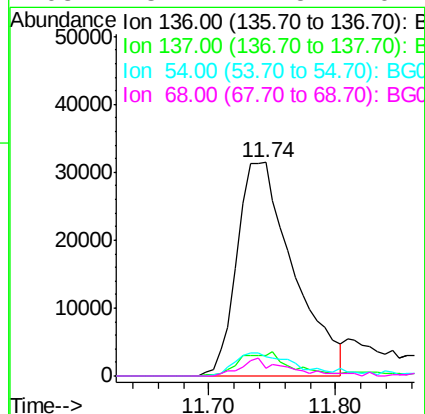
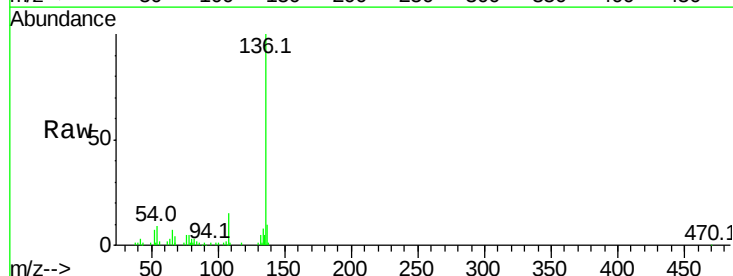
Instrument :
BNA_G
ClientSampleId :

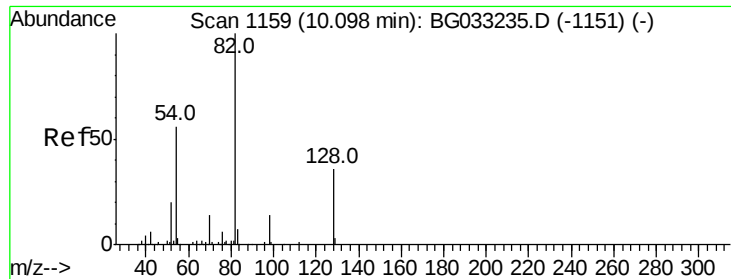
Tot Ion:	70	Resp:	27578
Ion	Ratio	Lower	Upper
70	100		
42	47.1	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BG033838.D
Acq: 17 Apr 2018 6:02

Tgt Ion:	136	Resp:	97259
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	9.2	10.3	15.5#
68	3.7	4.5	6.7#





#23

Nitrobenzene-d5

Concen: 110.500 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033838.D

Acq: 17 Apr 2018 6:02

Instrument :

BNA_G

ClientSampleId :

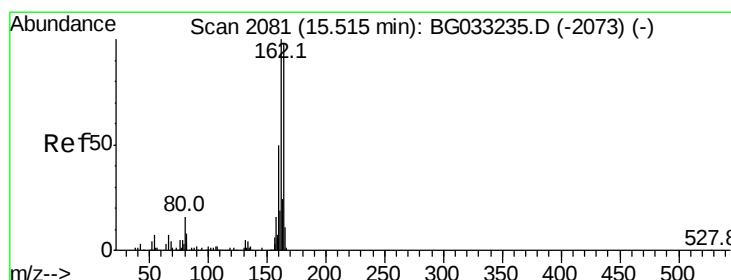
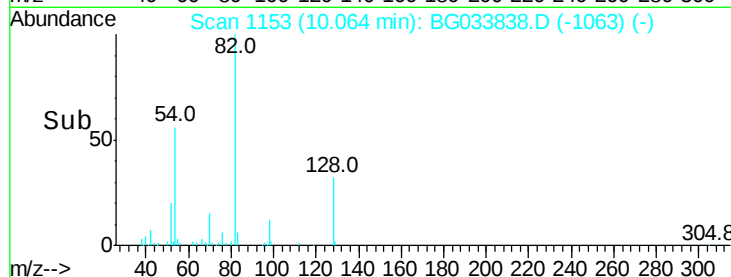
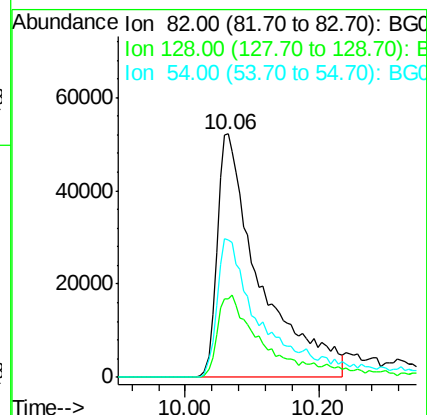
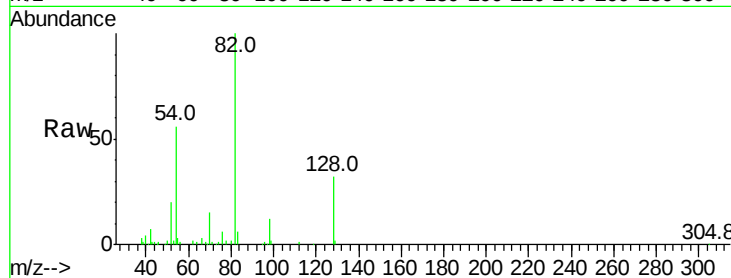
Tot Ion: 82 Resp: 233917

Ion Ratio Lower Upper

82 100

128 32.4 29.7 44.5

54 56.5 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: BG033838.D

Acq: 17 Apr 2018 6:02

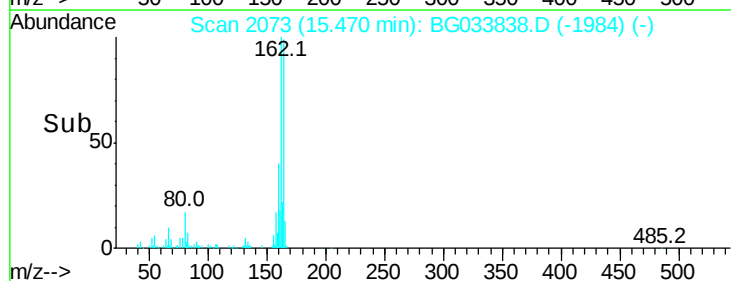
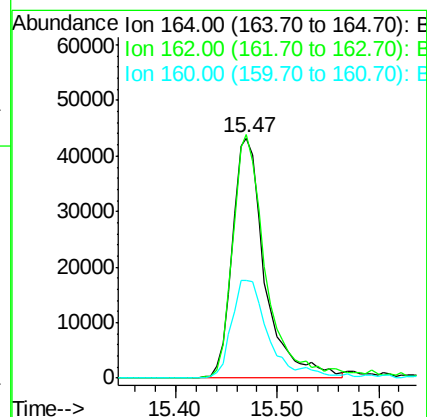
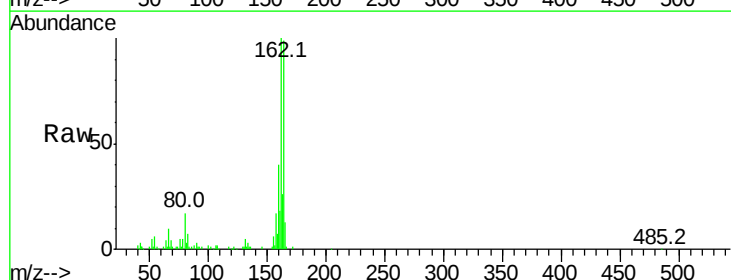
Tgt Ion:164 Resp: 96287

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

160 40.9 35.4 53.0

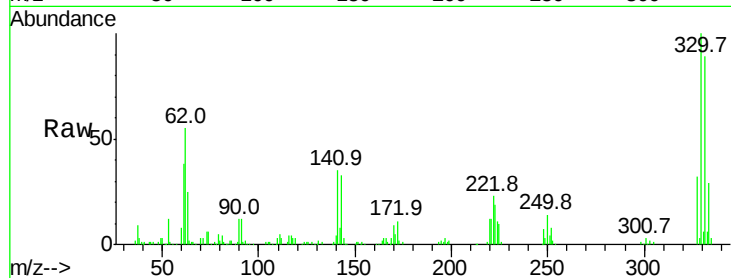




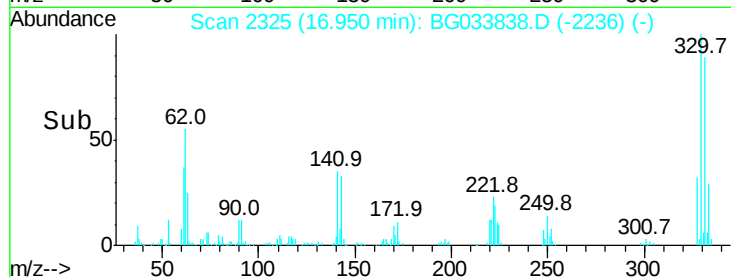
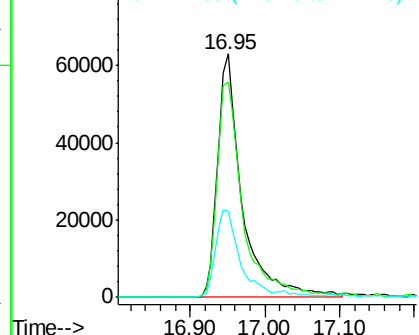
#41
 2,4,6-Tribromophenol
 Concen: 100.130 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033838.D
 Acq: 17 Apr 2018 6:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 144195
 Ion Ratio Lower Upper
 330 100
 332 92.7 77.0 115.6
 141 35.1 25.2 37.8

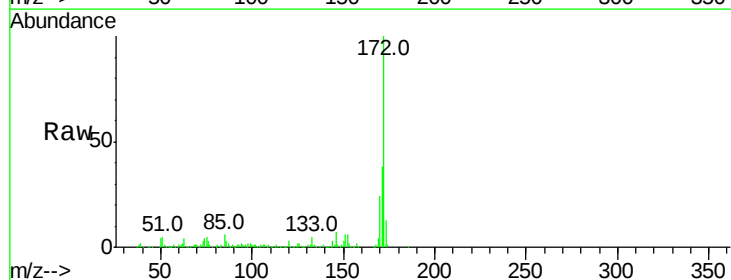


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

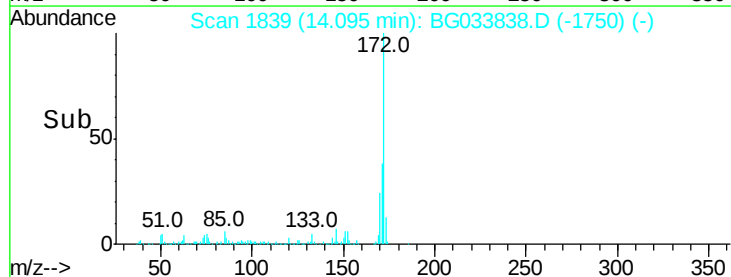
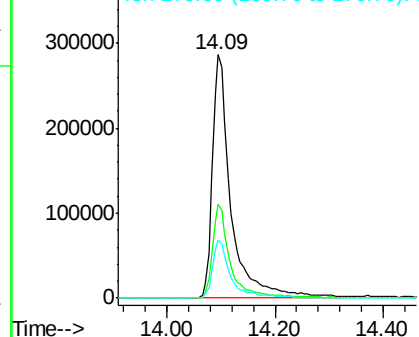


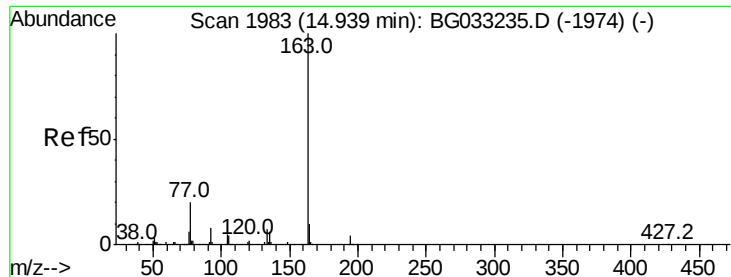
#44
 2-Fluorobiphenyl
 Concen: 103.212 ng
 RT: 14.09 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG033838.D
 Acq: 17 Apr 2018 6:02

Tgt Ion:172 Resp: 688400
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 24.0 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

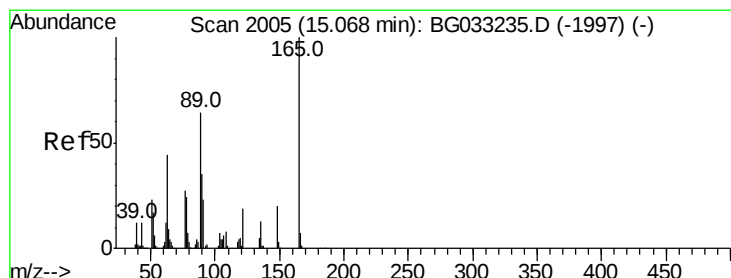
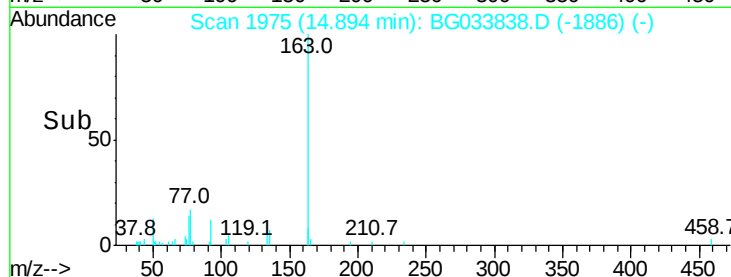
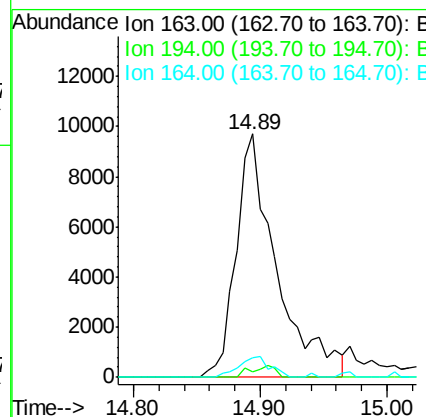
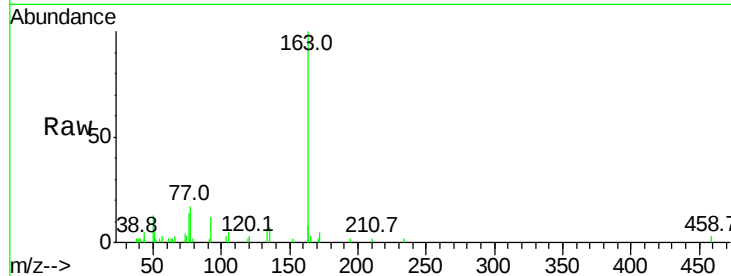




#49
Dimethylphthalate
Concen: 2.560 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG033838.D
Acq: 17 Apr 2018 6:02

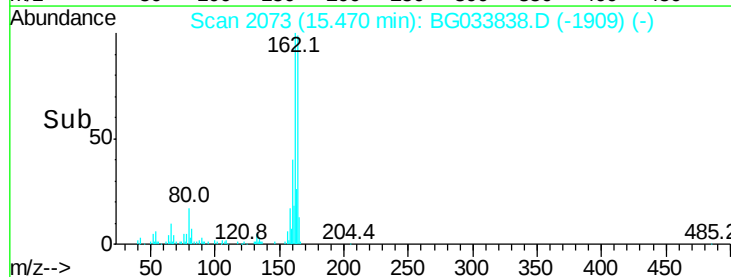
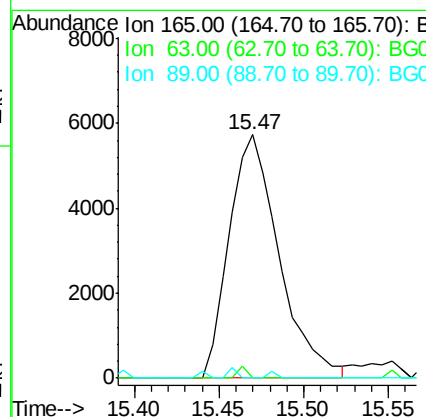
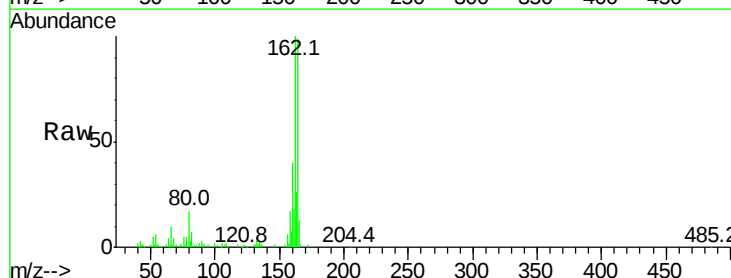
Instrument :
BNA_G
ClientSampleId :

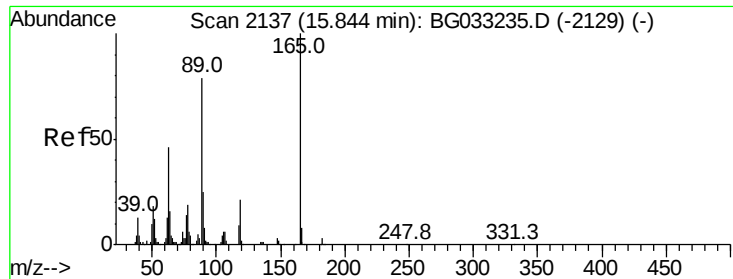
Tot Ion:163 Resp: 21453
Ion Ratio Lower Upper
163 100
194 2.2 3.4 5.2#
164 8.2 8.2 12.4#



#50
2,6-Dinitrotoluene
Concen: 6.875 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.44 min
Lab File: BG033838.D
Acq: 17 Apr 2018 6:02

Tgt Ion:165 Resp: 11780
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

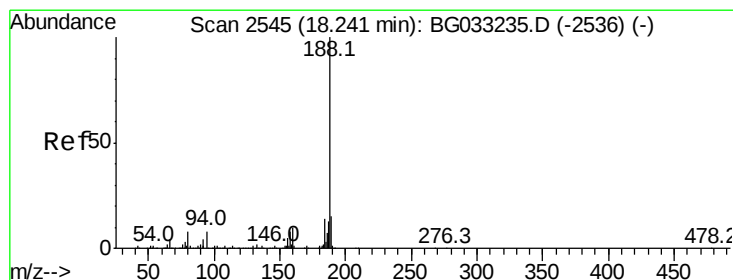
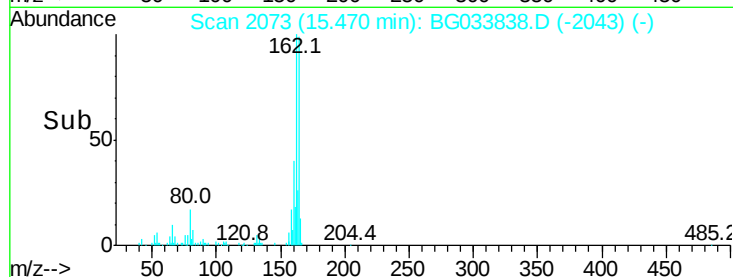
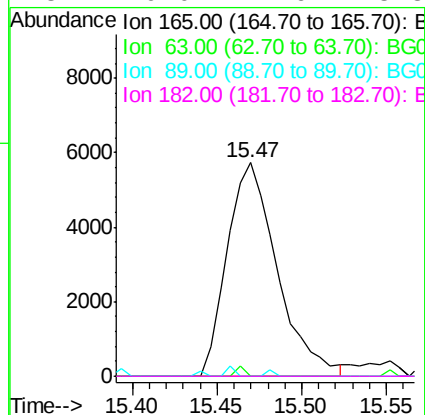
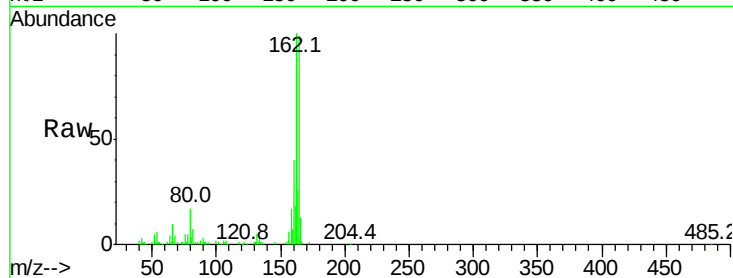




#56
 2,4-Dinitrotoluene
 Concen: 4.669 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.35 min
 Lab File: BG033838.D
 Acq: 17 Apr 2018 6:02

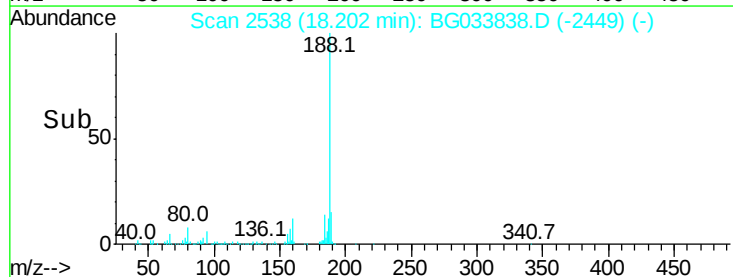
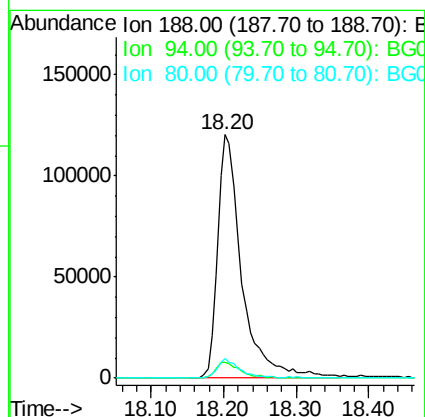
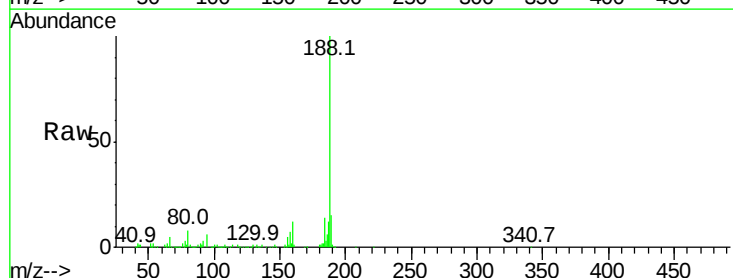
Instrument :
 BNA_G
 ClientSampleId :

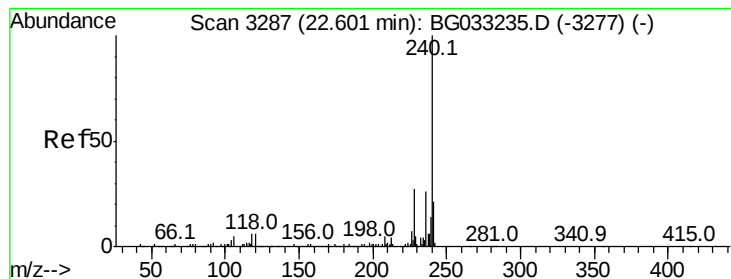
Tot Ion:165 Resp: 11780
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BG033838.D
 Acq: 17 Apr 2018 6:02

Tgt Ion:188 Resp: 277508
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.9 7.7 11.5

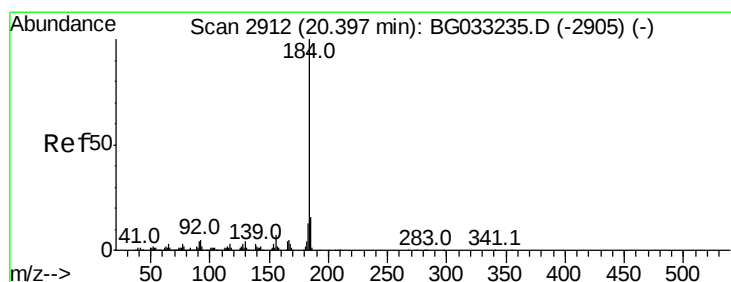
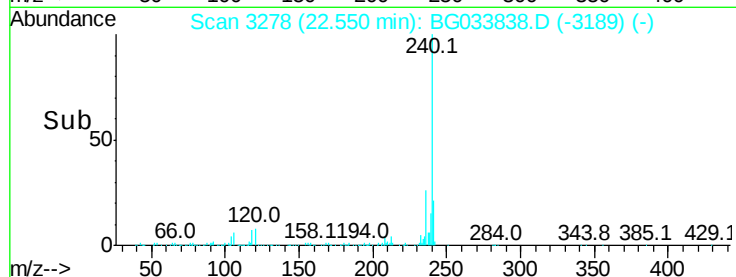
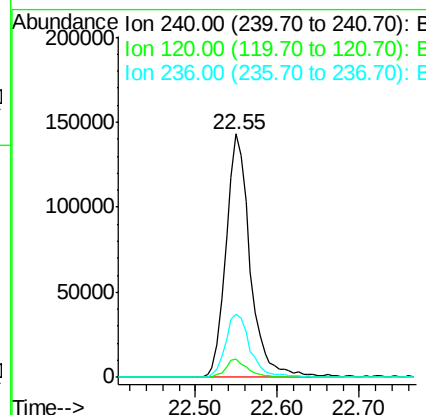
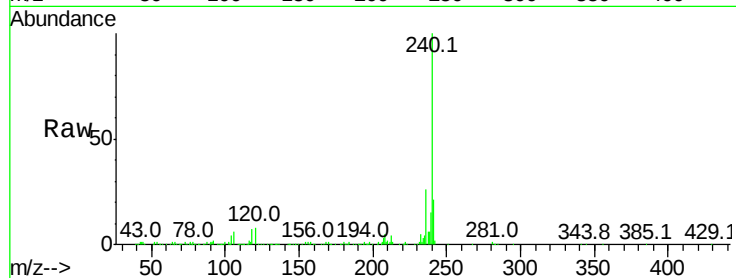




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BG033838.D
 Acq: 17 Apr 2018 6:02

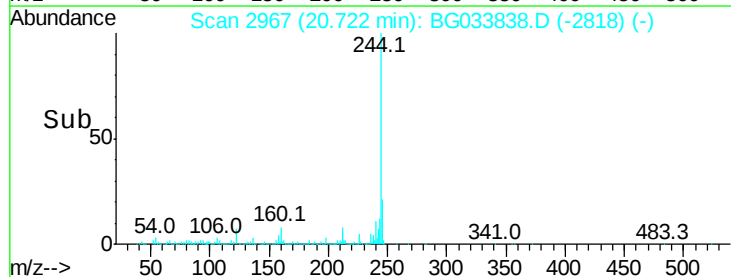
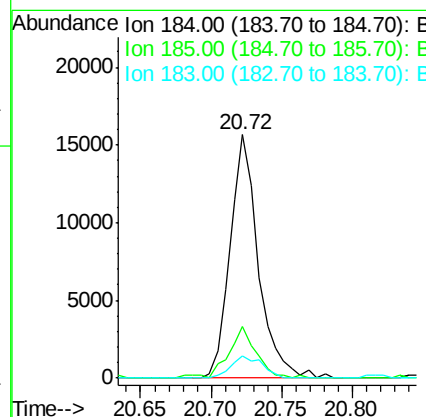
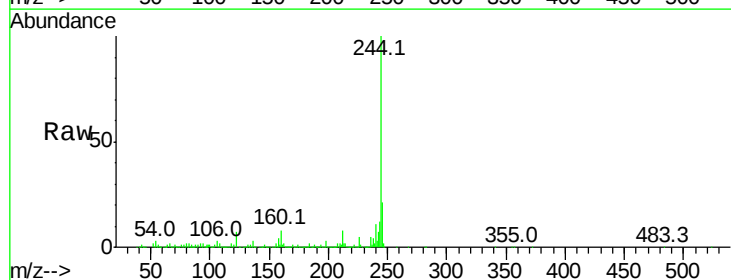
Instrument :
 BNA_G
 ClientSampleId :

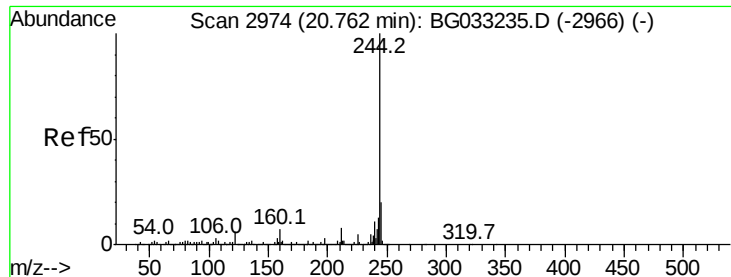
Tot Ion:240 Resp: 294264
 Ion Ratio Lower Upper
 240 100
 120 7.7 6.8 10.2
 236 25.9 20.9 31.3



#76
 Benzidine
 Concen: 2.720 ng
 RT: 20.72 min Scan# 2967
 Delta R.T. 0.35 min
 Lab File: BG033838.D
 Acq: 17 Apr 2018 6:02

Tgt Ion:184 Resp: 21707
 Ion Ratio Lower Upper
 184 100
 185 21.4 11.1 16.7#
 183 9.2 10.6 16.0#





#78

Terphenyl-d14

Concen: 98.932 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033838.D

Acq: 17 Apr 2018 6:02

Instrument :

BNA_G

ClientSampleId :

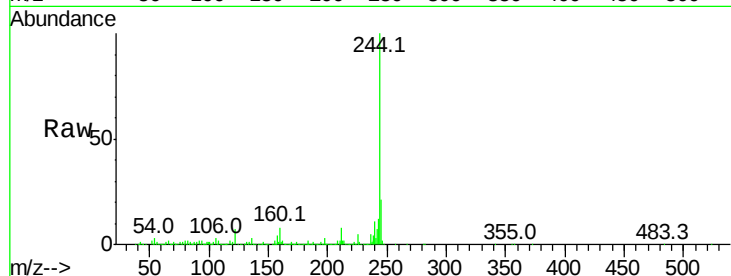
Tot Ion:244 Resp: 1361268

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

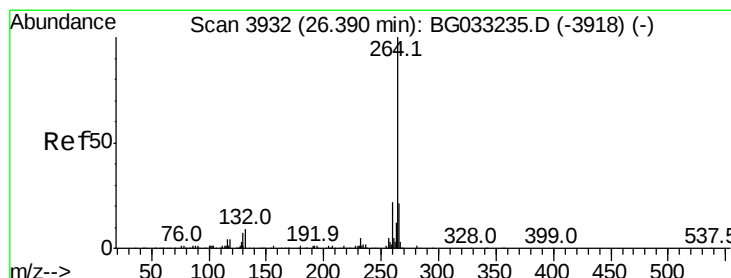
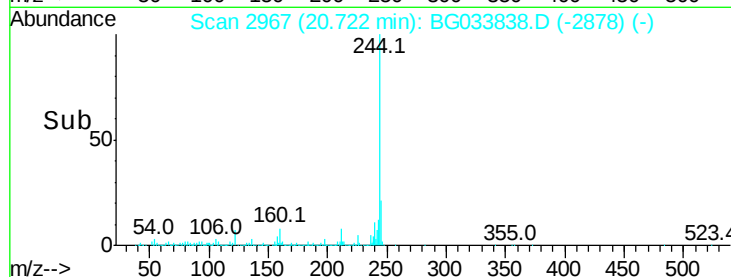
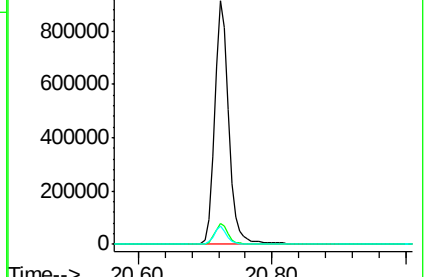
122 7.5 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BG033838.D

Acq: 17 Apr 2018 6:02

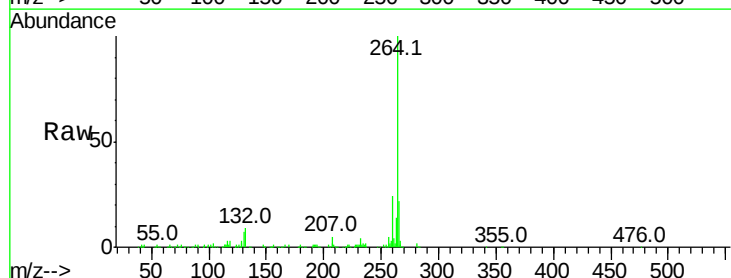
Tgt Ion:264 Resp: 314192

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 21.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

