

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032643.D
 Acq On : 9 Feb 2018 22:43
 Operator : SJ/JU
 Sample : PB106437BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 10 00:04:25 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

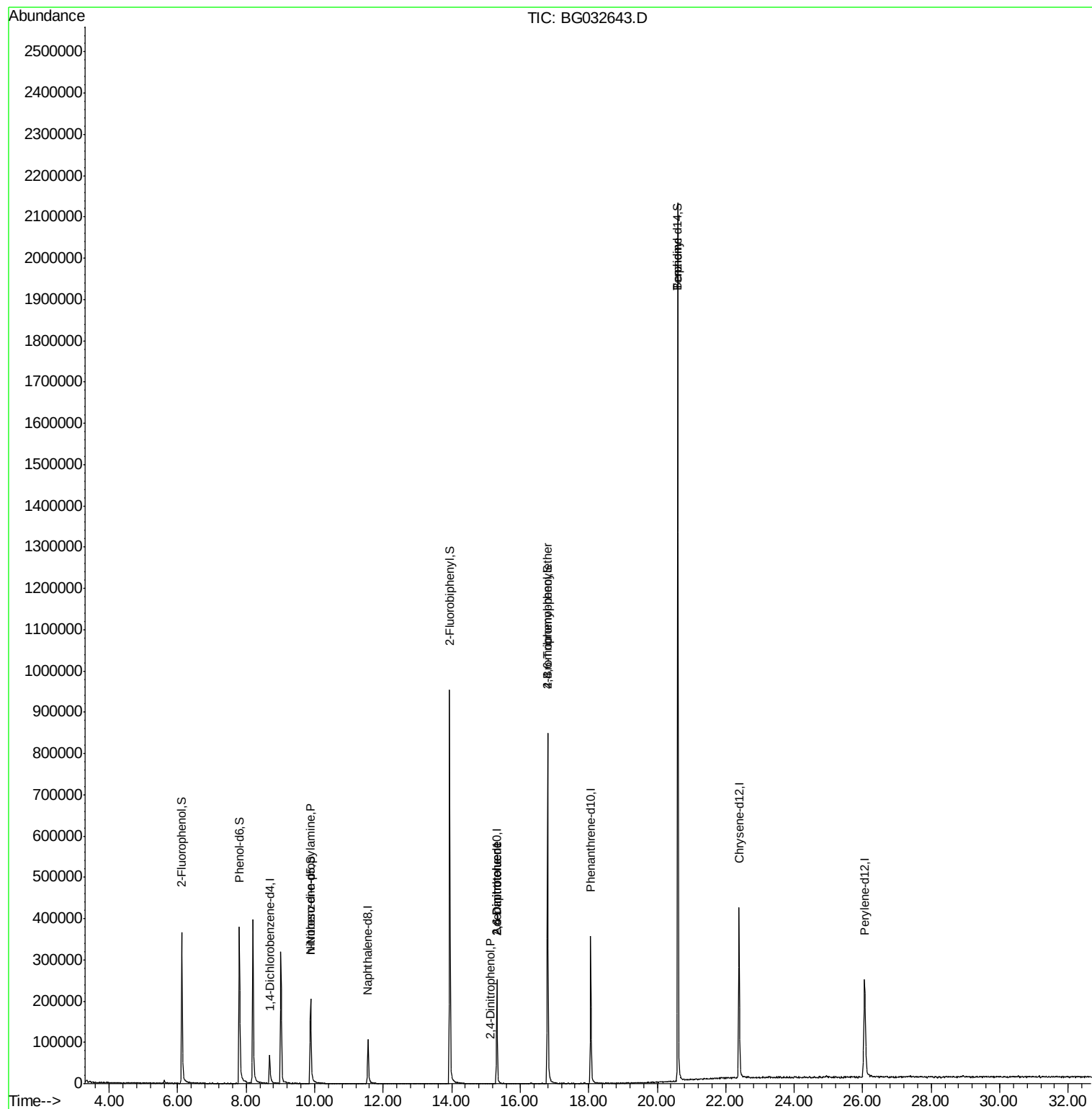
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	28454	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	121066	20.00	ng	-0.03
38) Acenaphthene-d10	15.32	164	103217	20.00	ng	-0.03
63) Phenanthrene-d10	18.06	188	279573	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	347443	20.00	ng	-0.01
86) Perylene-d12	26.06	264	352645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	197399	139.34	ng	-0.02
7) Phenol-d6	7.80	99	255301	135.05	ng	-0.02
23) Nitrobenzene-d5	9.88	82	163778	84.50	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	193709	98.59	ng	-0.02
44) 2-Fluorobiphenyl	13.94	172	623572	71.81	ng	-0.03
78) Terphenyl-d14	20.60	244	1239590	76.42	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.88	70	22621	18.05	ng	# 75
50) 2,6-Dinitrotoluene	15.32	165	13756	6.89	ng	# 18
53) 2,4-Dinitrophenol	15.13	184	61	4.15	ng	# 1
56) 2,4-Dinitrotoluene	15.32	165	13756	4.84	ng	# 16
66) 4-Bromophenyl-phenylether	16.80	248	16786	4.05	ng	# 1
76) Benzidine	20.60	184	18557	2.72	ng	# 96

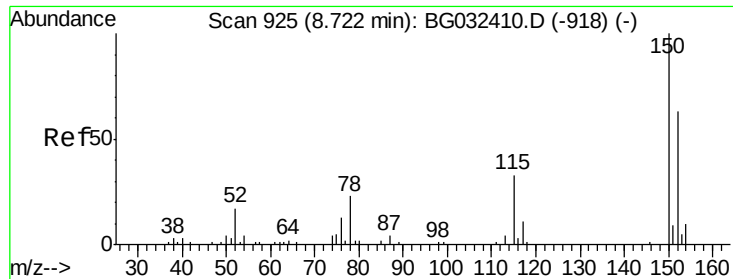
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
Data File : BG032643.D
Acq On : 9 Feb 2018 22:43
Operator : SJ/JU
Sample : PB106437BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 10 00:04:25 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration



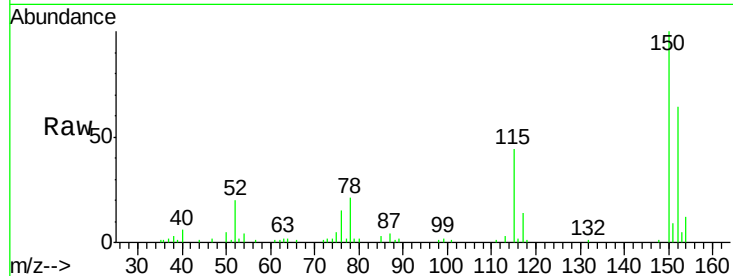


#1

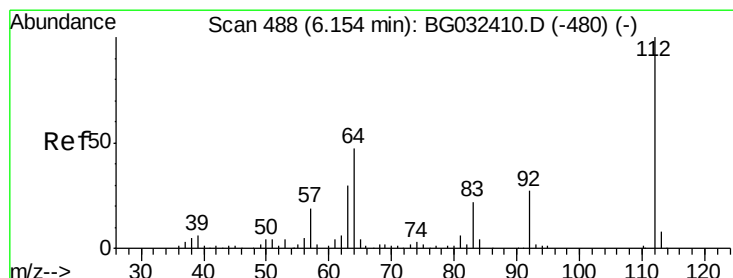
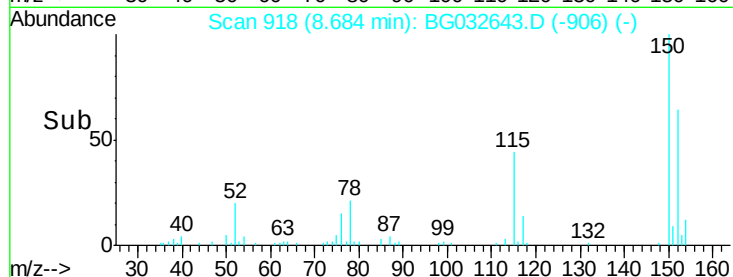
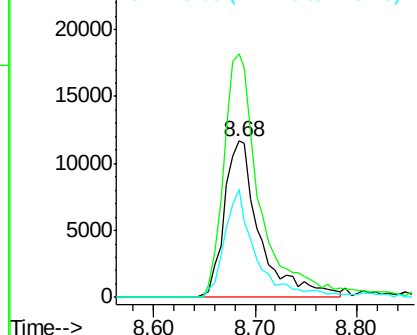
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032643.D
Acq: 9 Feb 2018 22:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 28454
Ion Ratio Lower Upper
152 100
150 155.8 126.6 189.8
115 69.1 53.0 79.4



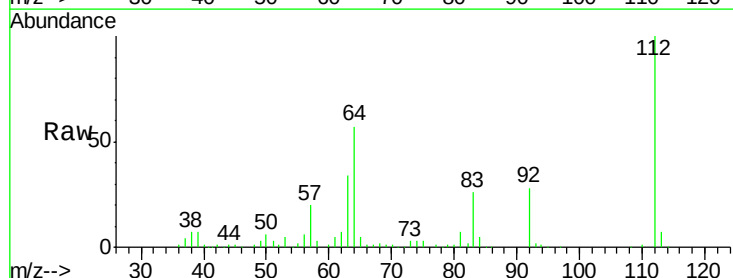
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



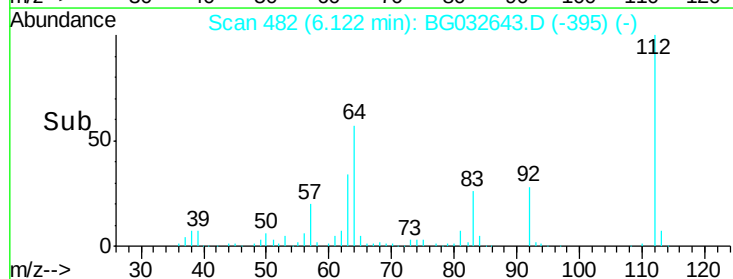
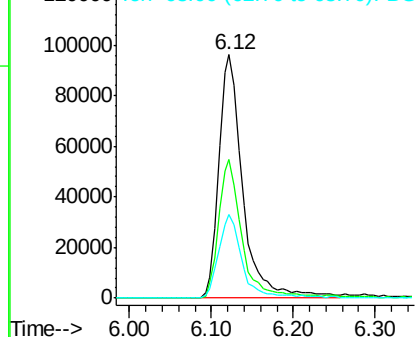
#5

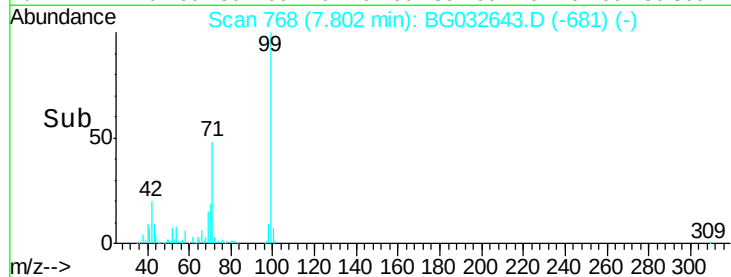
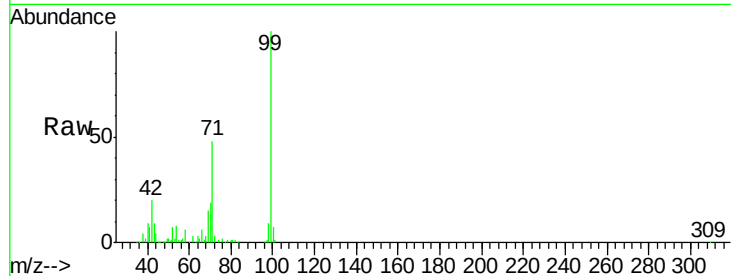
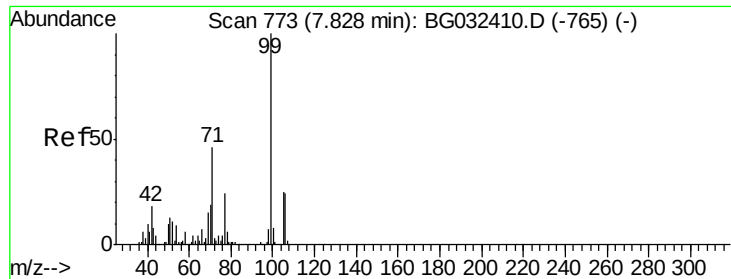
2-Fluorophenol
Concen: 139.34 ng
RT: 6.12 min Scan# 482
Delta R.T. -0.02 min
Lab File: BG032643.D
Acq: 9 Feb 2018 22:43

Tgt Ion:112 Resp: 197399
Ion Ratio Lower Upper
112 100
64 56.8 56.3 84.5
63 34.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 135.05 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032643.D

Acq: 9 Feb 2018 22:43

Instrument :

BNA_G

ClientSampleId :

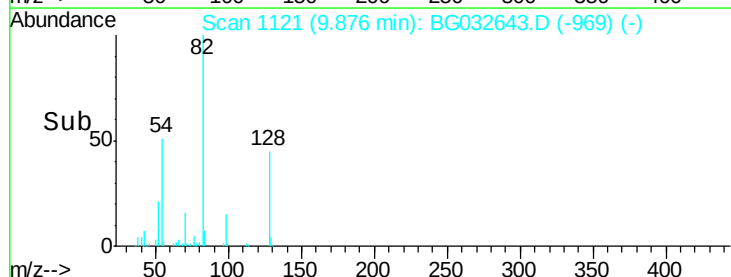
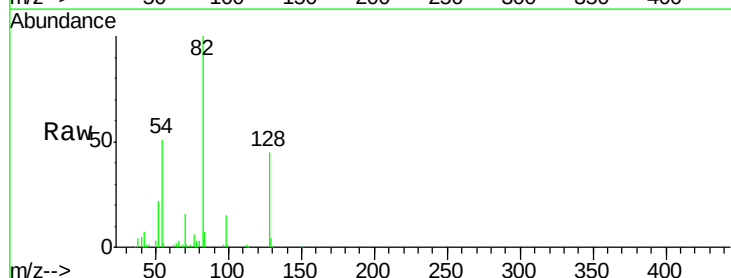
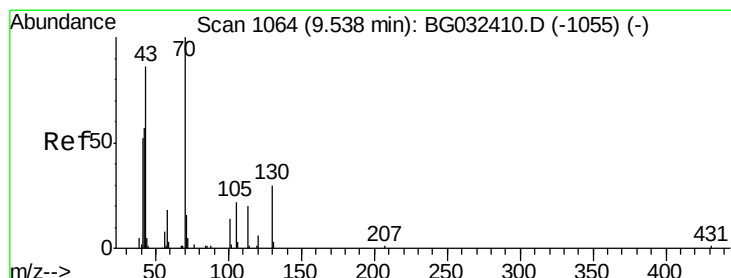
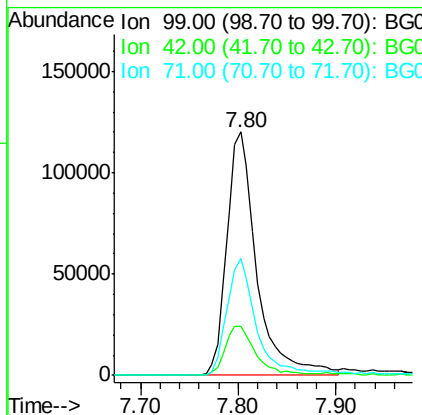
Tot Ion: 99 Resp: 255301

Ion Ratio Lower Upper

99 100

42 20.3 14.1 21.1

71 47.8 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 18.05 ng

RT: 9.88 min Scan# 1121

Delta R.T. 0.36 min

Lab File: BG032643.D

Acq: 9 Feb 2018 22:43

Tgt Ion: 70 Resp: 22621

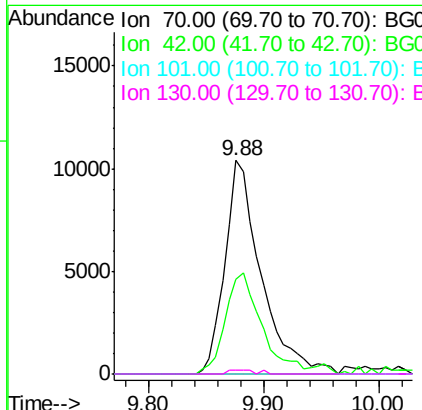
Ion Ratio Lower Upper

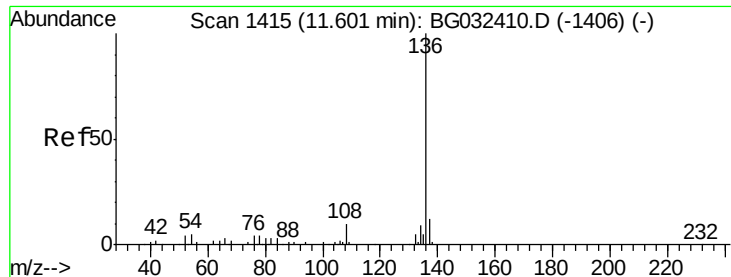
70 100

42 44.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.56 min Scan# 1407

Delta R.T. -0.03 min

Lab File: BG032643.D

Acq: 9 Feb 2018 22:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 121066

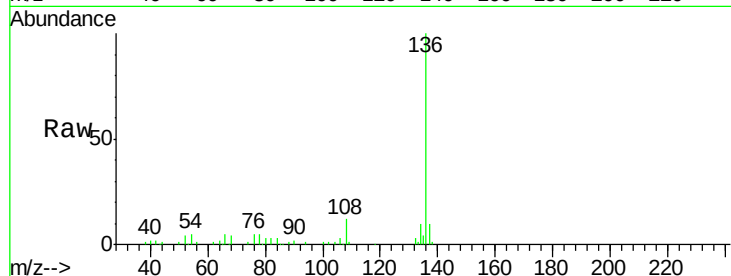
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 5.0 10.3 15.5#

68 3.6 4.5 6.7#



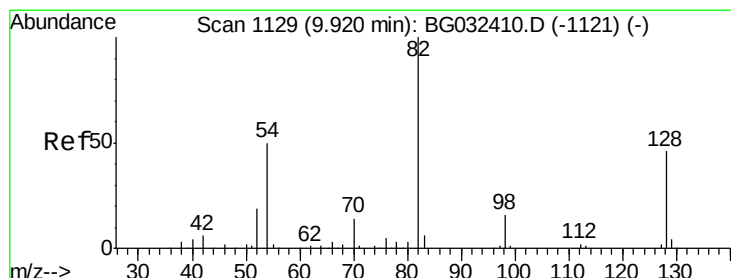
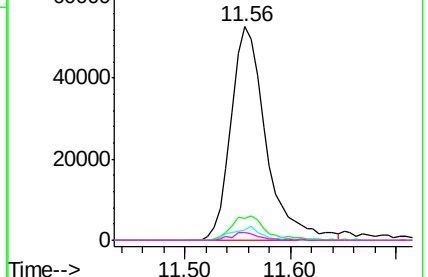
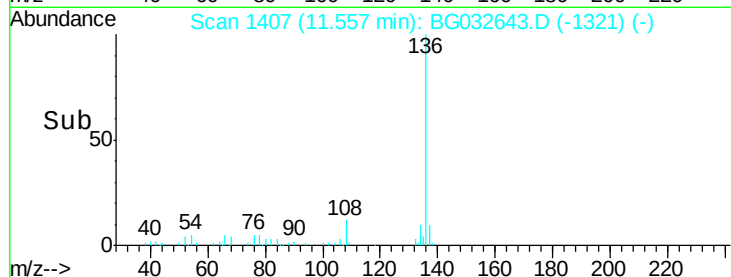
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->



#23

Nitrobenzene-d5

Concen: 84.50 ng

RT: 9.88 min Scan# 1122

Delta R.T. -0.03 min

Lab File: BG032643.D

Acq: 9 Feb 2018 22:43

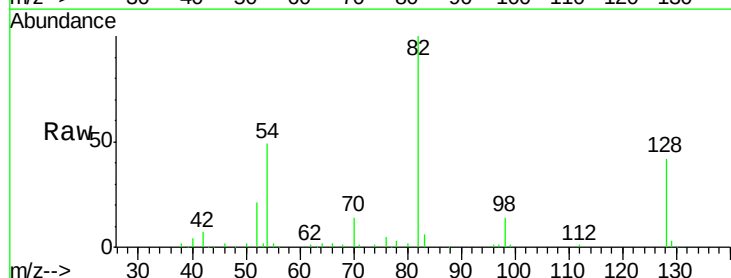
Tgt Ion: 82 Resp: 163778

Ion Ratio Lower Upper

82 100

128 42.4 29.7 44.5

54 48.8 43.1 64.7

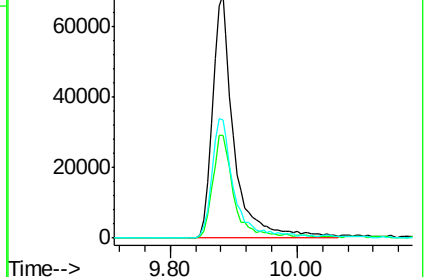
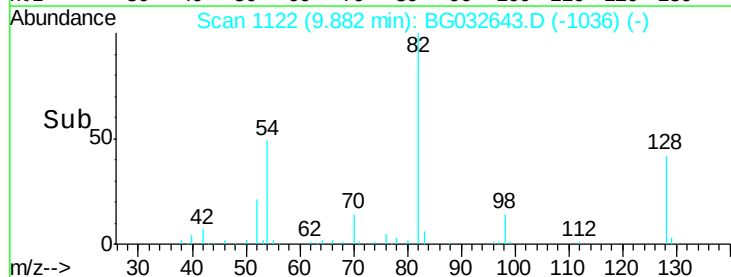


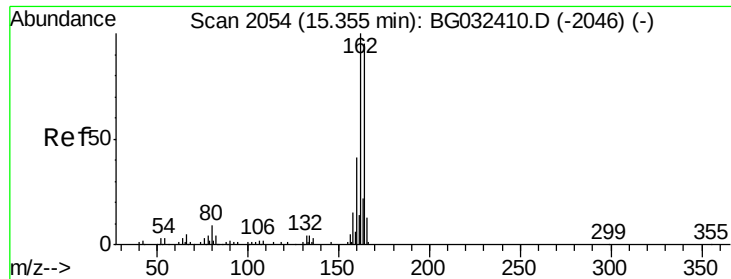
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.32 min Scan# 2047

Delta R.T. -0.03 min

Lab File: BG032643.D

Acq: 9 Feb 2018 22:43

Instrument :

BNA_G

ClientSampleId :

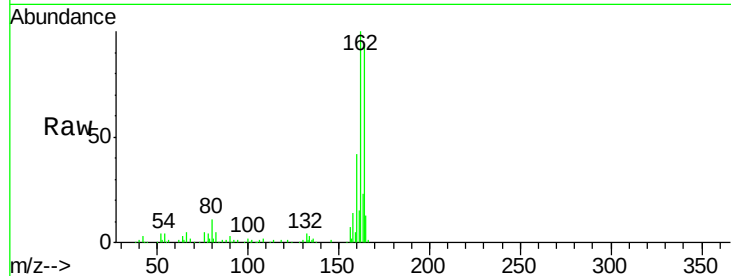
Tot Ion:164 Resp: 103217

Ion	Ratio	Lower	Upper
164	100		
162	105.9	78.8	118.2
160	44.6	35.4	53.0

164 100

162 105.9 78.8 118.2

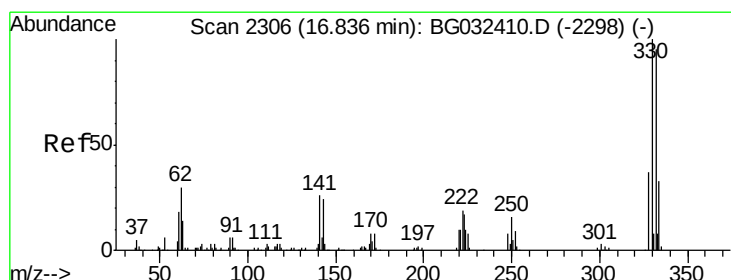
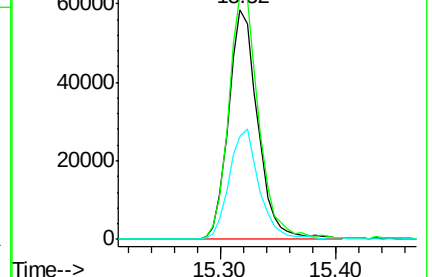
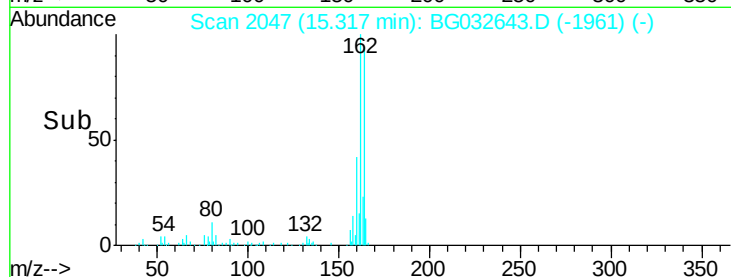
160 44.6 35.4 53.0



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: 98.59 ng

RT: 16.80 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BG032643.D

Acq: 9 Feb 2018 22:43

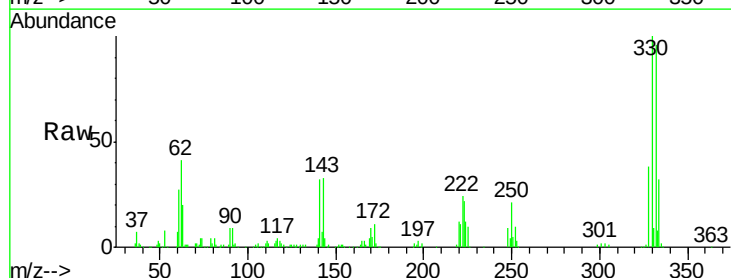
Tgt Ion:330 Resp: 193709

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	34.0	25.2	37.8

330 100

332 96.9 77.0 115.6

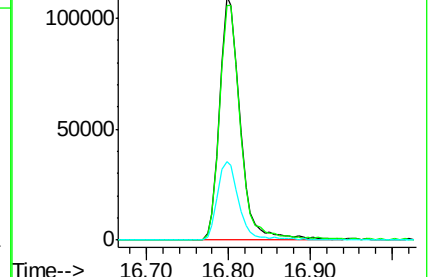
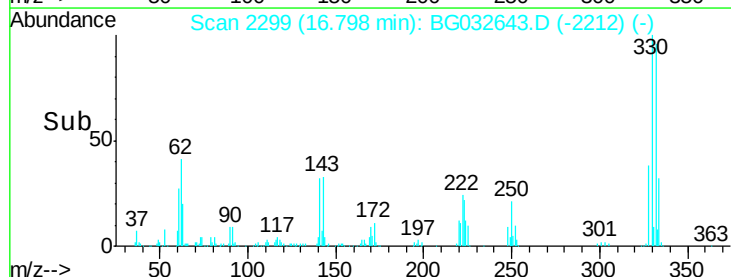
141 34.0 25.2 37.8

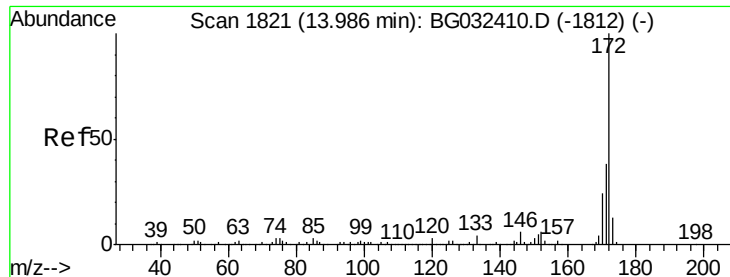


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

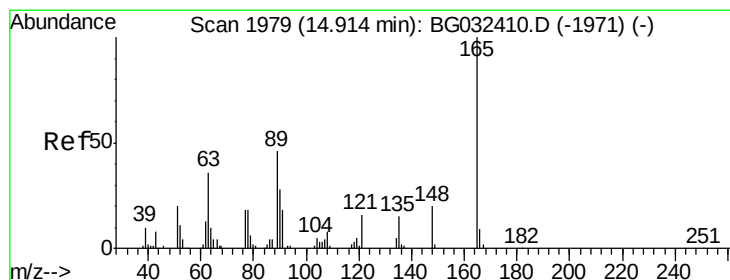
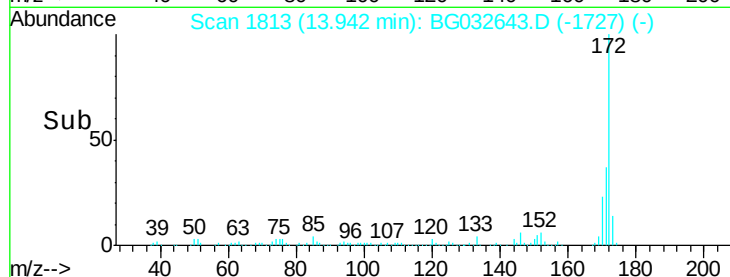
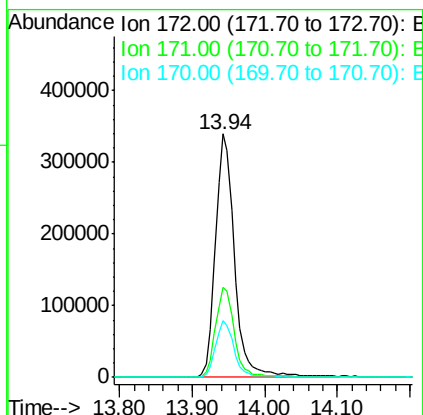
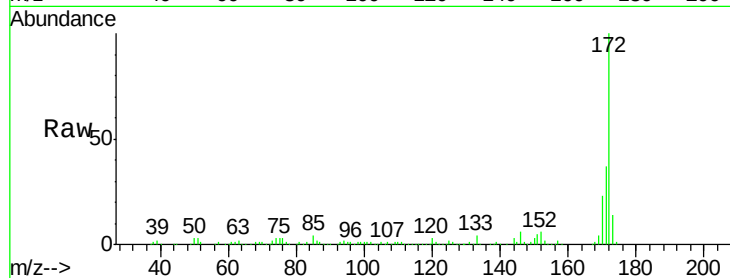




#44
2-Fluorobiphenyl
Concen: 71.81 ng
RT: 13.94 min Scan# 1813
Delta R.T. -0.03 min
Lab File: BG032643.D
Acq: 9 Feb 2018 22:43

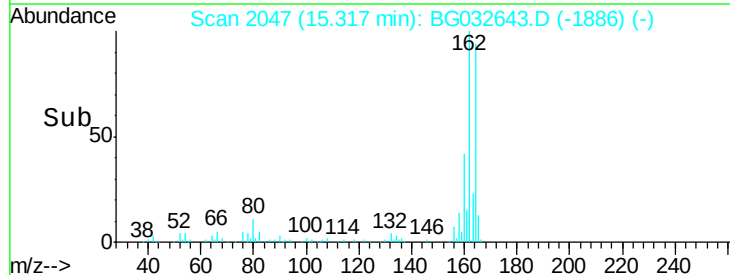
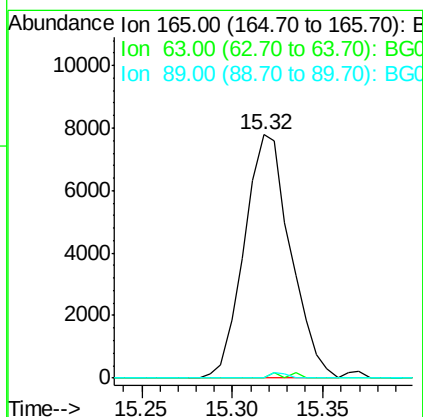
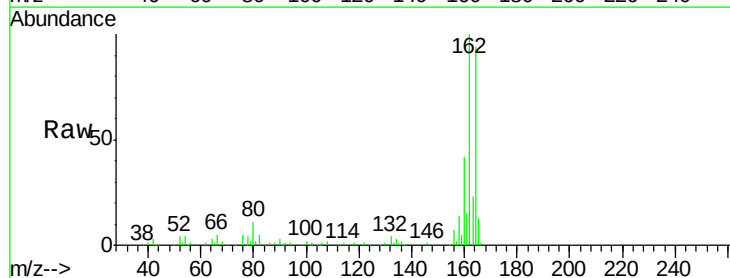
Instrument :
BNA_G
ClientSampleId :

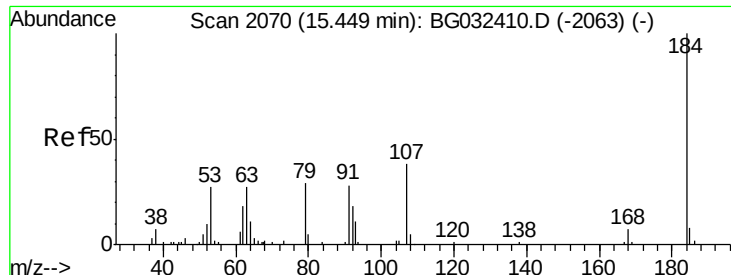
Tot Ion:172 Resp: 623572
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 23.4 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 6.89 ng
RT: 15.32 min Scan# 2047
Delta R.T. 0.41 min
Lab File: BG032643.D
Acq: 9 Feb 2018 22:43

Tgt Ion:165 Resp: 13756
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

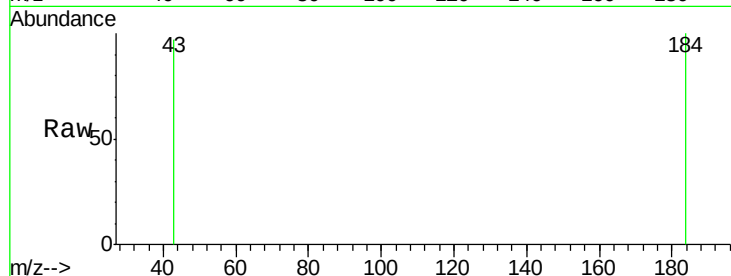




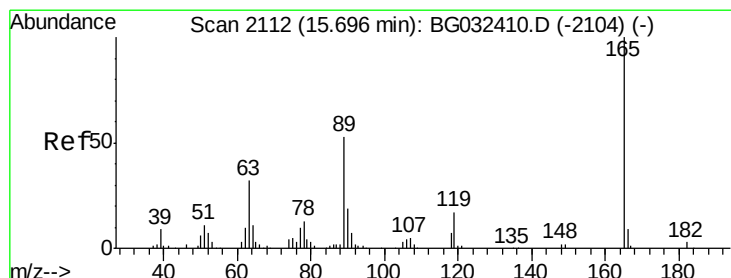
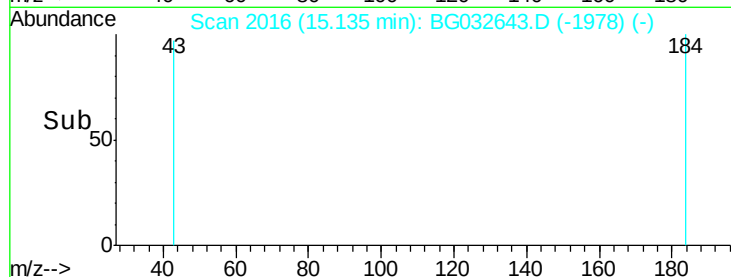
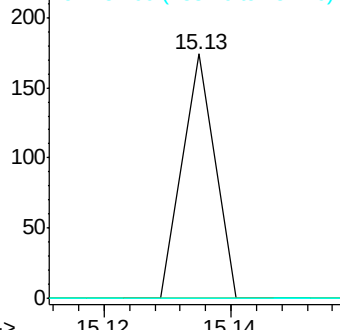
#53
2,4-Dinitrophenol
Concen: 4.15 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.31 min
Lab File: BG032643.D
Acq: 9 Feb 2018 22:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

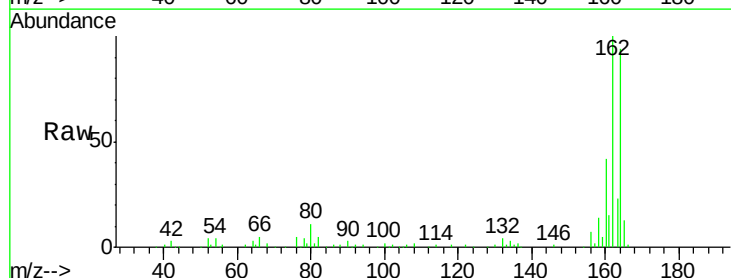


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

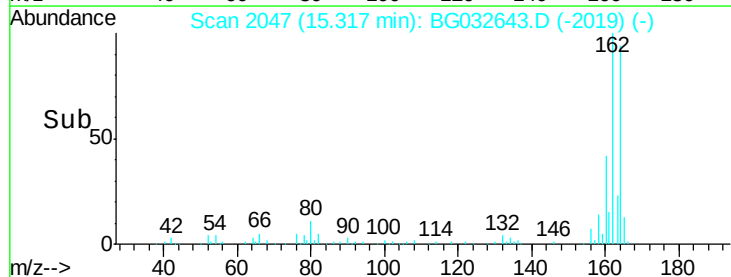
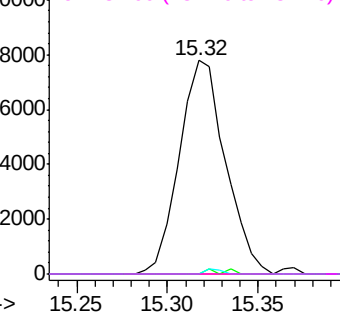


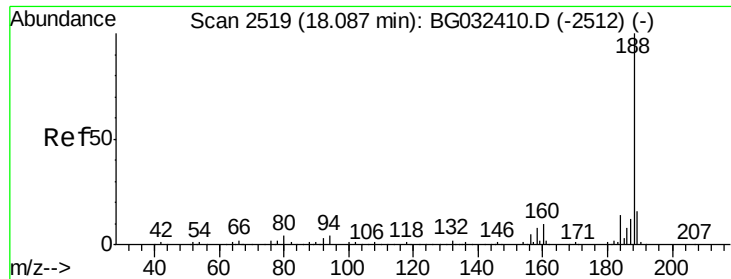
#56
2,4-Dinitrotoluene
Concen: 4.84 ng
RT: 15.32 min Scan# 2047
Delta R.T. -0.37 min
Lab File: BG032643.D
Acq: 9 Feb 2018 22:43

Tgt Ion:165 Resp: 13756
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#



Abundance Ion 165.00 (164.70 to 165.70): E
12000 Ion 63.00 (62.70 to 63.70): BGC
10000 Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

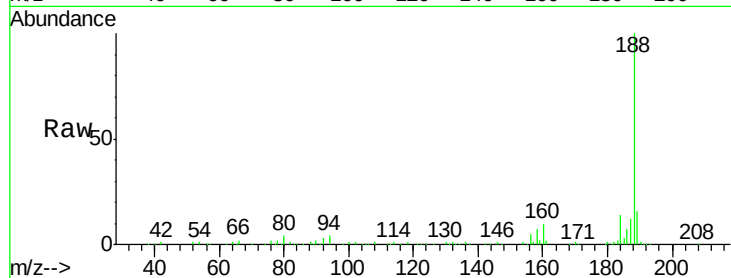




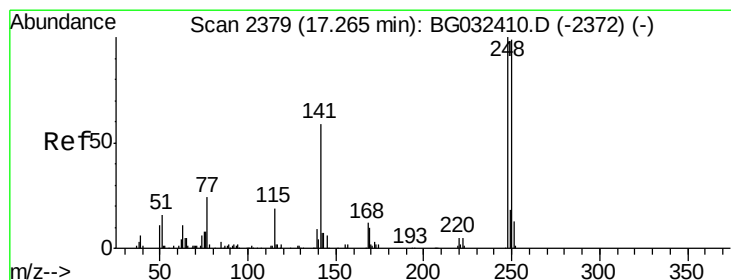
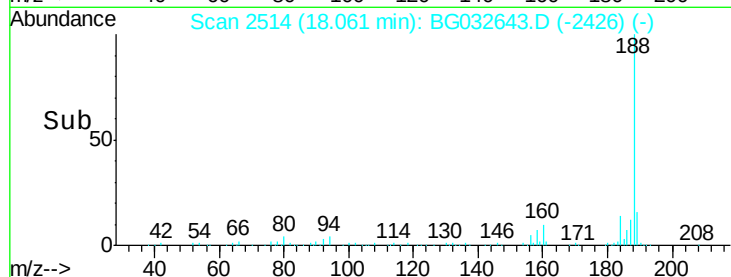
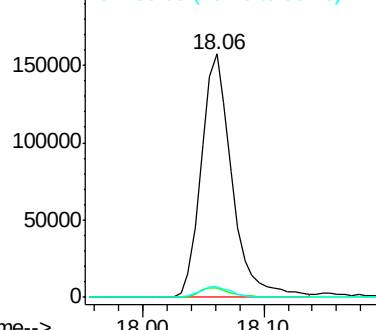
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG032643.D
Acq: 9 Feb 2018 22:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 279573
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 4.4 7.7 11.5#

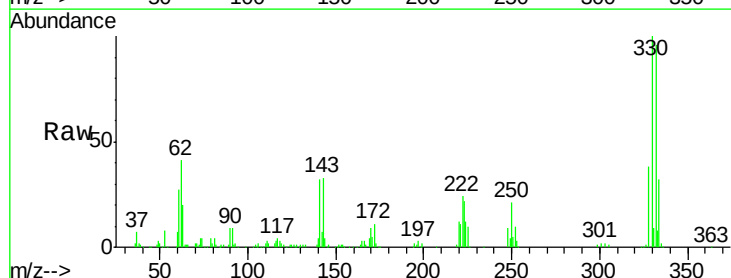


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

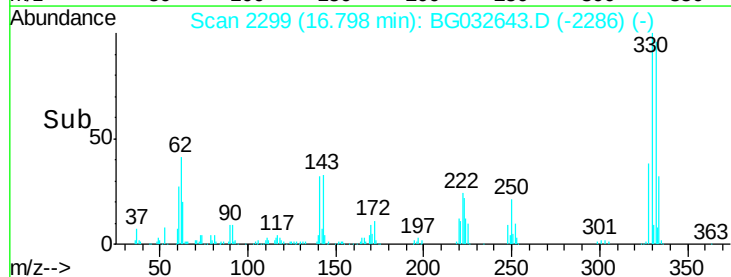
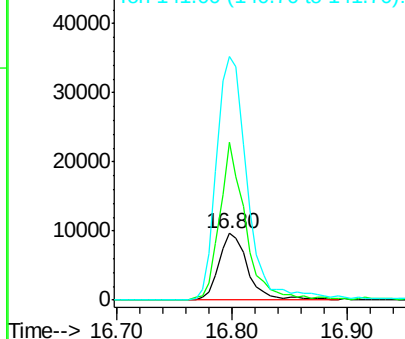


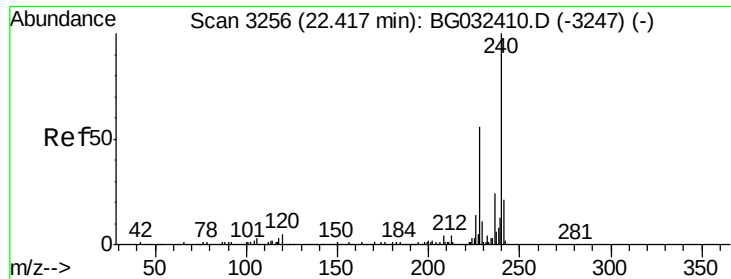
#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 16.80 min Scan# 2299
Delta R.T. -0.46 min
Lab File: BG032643.D
Acq: 9 Feb 2018 22:43

Tgt Ion:248 Resp: 16786
Ion Ratio Lower Upper
248 100
250 235.5 77.1 115.7#
141 364.0 50.8 76.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.39 min Scan# 3251

Delta R.T. -0.01 min

Lab File: BG032643.D

Acq: 9 Feb 2018 22:43

Instrument :

BNA_G

ClientSampleId :

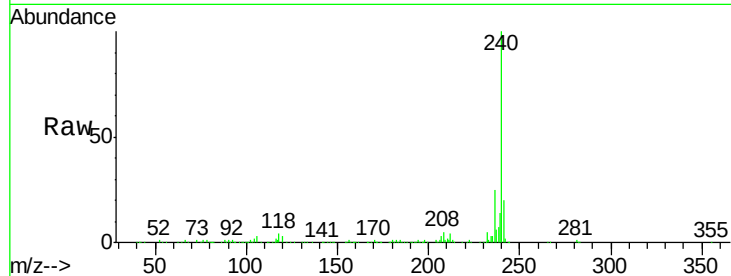
Tot Ion:240 Resp: 347443

Ion Ratio Lower Upper

240 100

120 3.5 6.8 10.2#

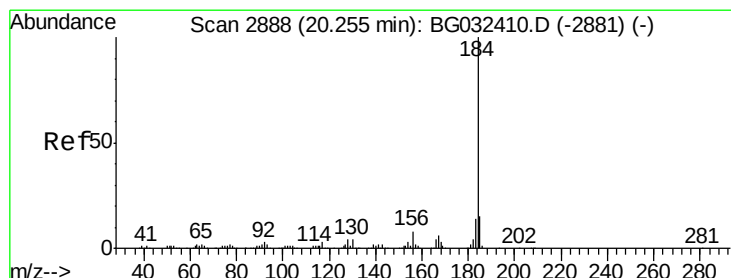
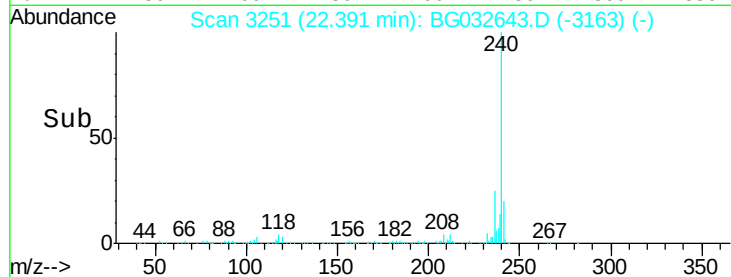
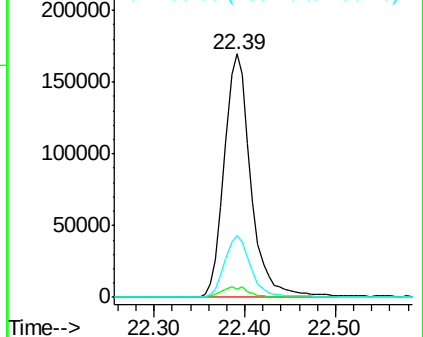
236 25.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.72 ng

RT: 20.60 min Scan# 2946

Delta R.T. 0.36 min

Lab File: BG032643.D

Acq: 9 Feb 2018 22:43

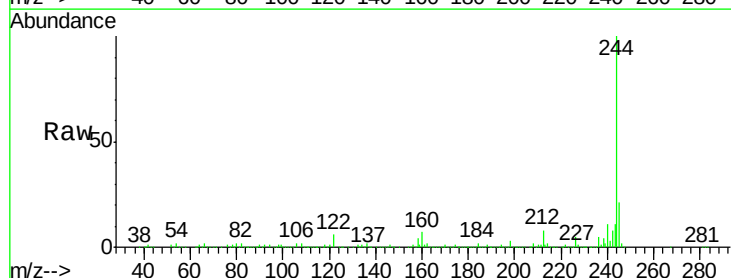
Tgt Ion:184 Resp: 18557

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

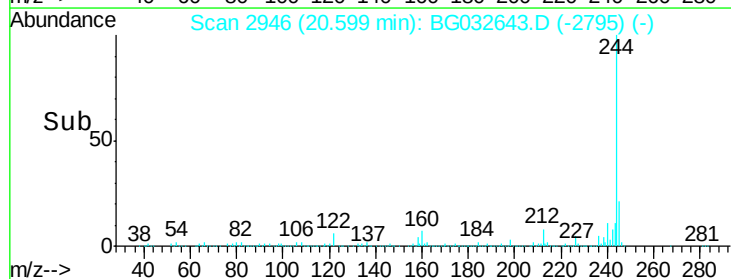
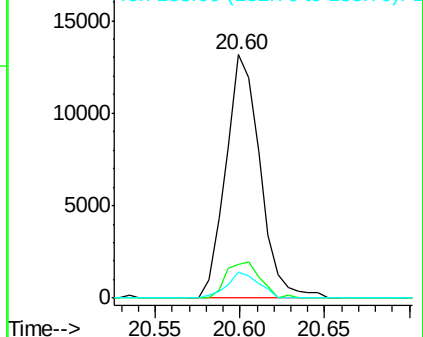
183 10.6 10.6 16.0#

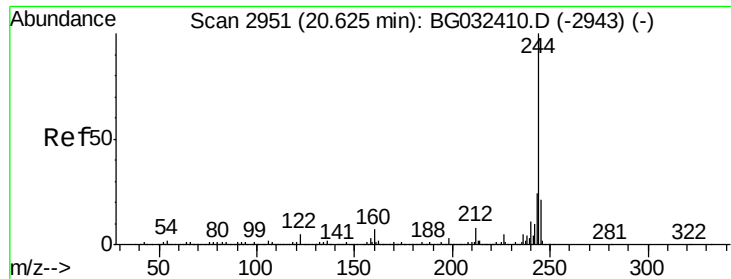


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

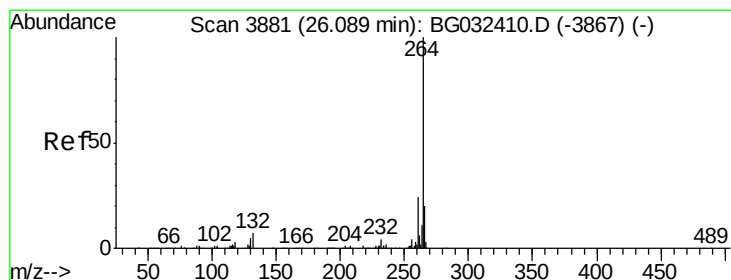
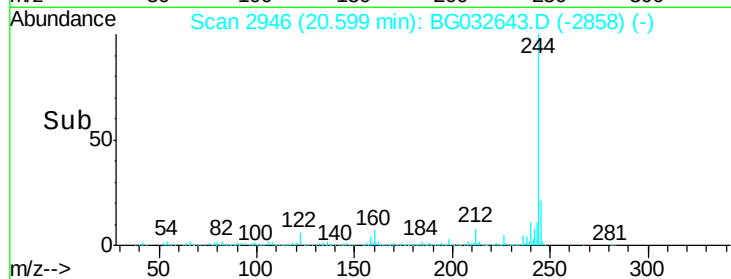
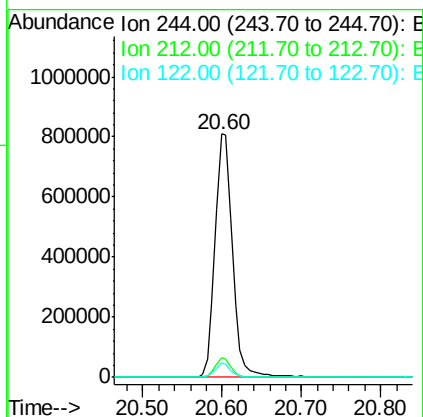
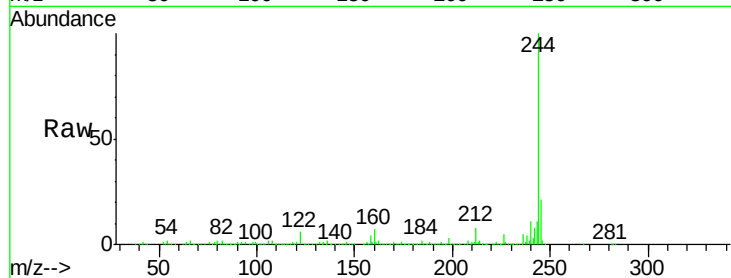




#78
 Terphenyl-d14
 Concen: 76.42 ng
 RT: 20.60 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BG032643.D
 Acq: 9 Feb 2018 22:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1239590
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 5.7 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.06 min Scan# 3875
 Delta R.T. -0.01 min
 Lab File: BG032643.D
 Acq: 9 Feb 2018 22:43

Tgt Ion:264 Resp: 352645
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.4 26.0
 265 20.3 17.7 26.5

