

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022218\
 Data File : BG032788.D
 Acq On : 22 Feb 2018 19:35
 Operator : SJ/JU
 Sample : PB106758TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106758TB

Quant Time: Feb 23 00:49:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 21 15:45:53 2018
 Response via : Initial Calibration

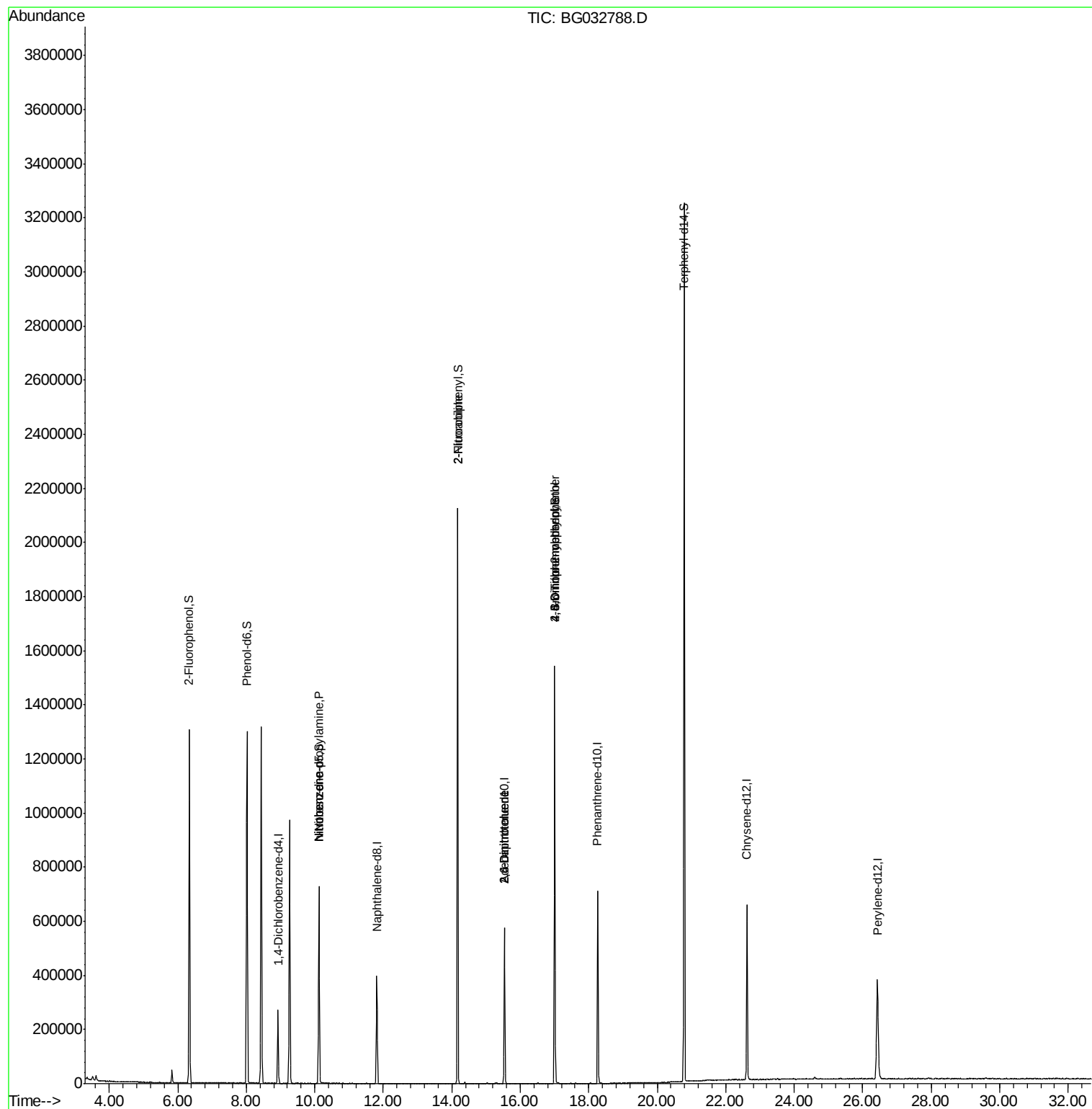
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	81771	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	359685	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	203884	20.00	ng	-0.02
63) Phenanthrene-d10	18.26	188	445040	20.00	ng	-0.02
75) Chrysene-d12	22.62	240	410963	20.00	ng	-0.02
86) Perylene-d12	26.43	264	439657	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	649130	127.00	ng	0.00
7) Phenol-d6	8.02	99	851594	119.53	ng	0.00
23) Nitrobenzene-d5	10.13	82	466516	89.42	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	274666	128.12	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1097974	77.67	ng	0.00
78) Terphenyl-d14	20.79	244	1503451	82.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.13	70	61204	12.169	ng	# 79
24) Nitrobenzene	10.13	77	1428	6.596	ng	# 40
47) 2-Nitroaniline	14.17	65	2033	10.317	ng	# 1
50) 2,6-Dinitrotoluene	15.54	165	26066	16.309	ng	# 20
56) 2,4-Dinitrotoluene	15.54	165	26066	14.506	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	921	5.827	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	19699	4.186	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022218\
Data File : BG032788.D
Acq On : 22 Feb 2018 19:35
Operator : SJ/JU
Sample : PB106758TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106758TB

Quant Time: Feb 23 00:49:38 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 21 15:45:53 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG032788.D

Acq: 22 Feb 2018 19:35

Instrument :

BNA_G

ClientSampleId :

PB106758TB

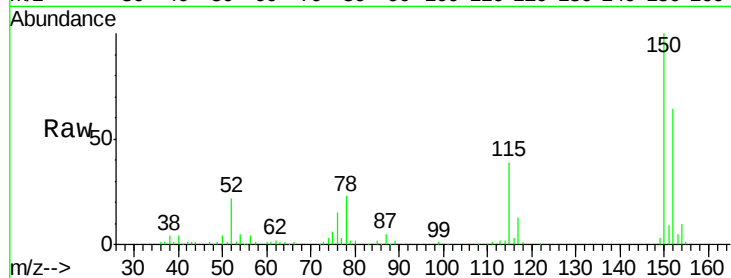
Tot Ion:152 Resp: 81771

Ion Ratio Lower Upper

152 100

150 156.9 126.6 189.8

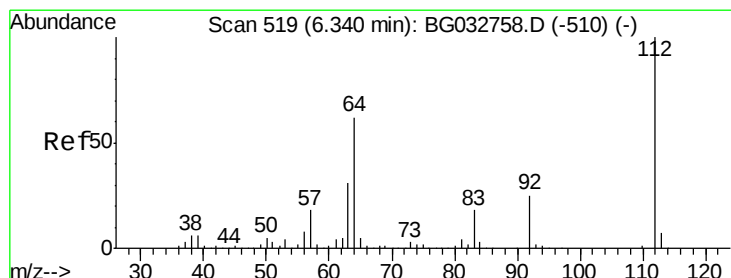
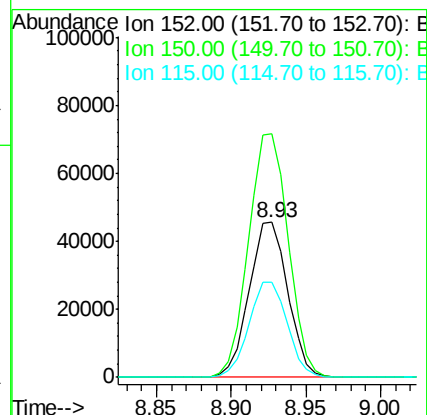
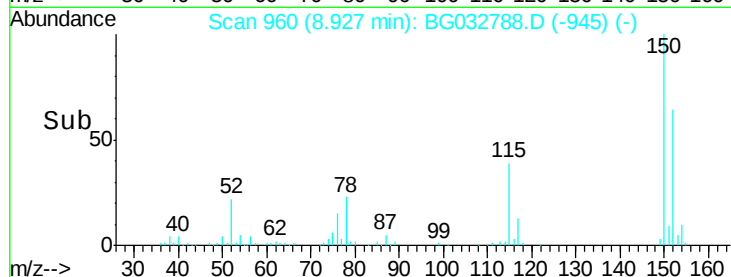
115 61.6 53.0 79.4



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: 127.003 ng

RT: 6.34 min Scan# 519

Delta R.T. -0.00 min

Lab File: BG032788.D

Acq: 22 Feb 2018 19:35

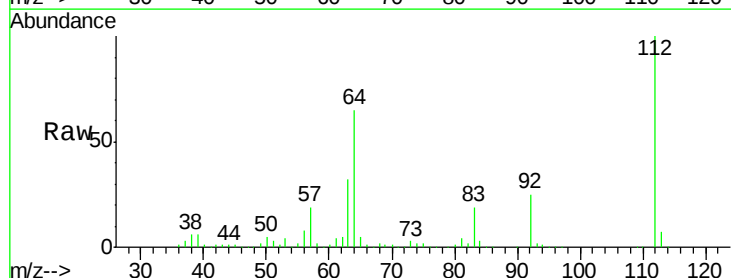
Tgt Ion:112 Resp: 649130

Ion Ratio Lower Upper

112 100

64 64.5 56.3 84.5

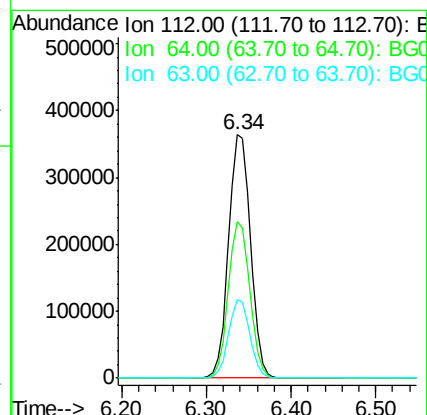
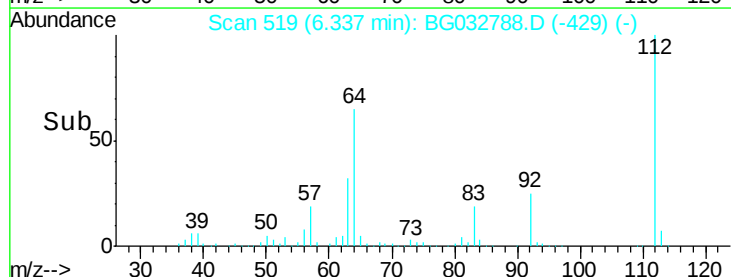
63 32.2 30.1 45.1



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: 119.535 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032788.D

Acq: 22 Feb 2018 19:35

Instrument :

BNA_G

ClientSampleId :

PB106758TB

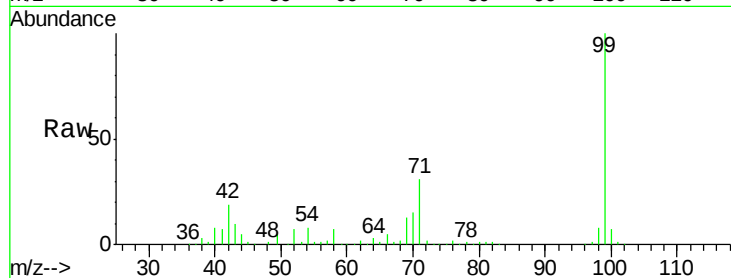
Tot Ion: 99 Resp: 851594

Ion Ratio Lower Upper

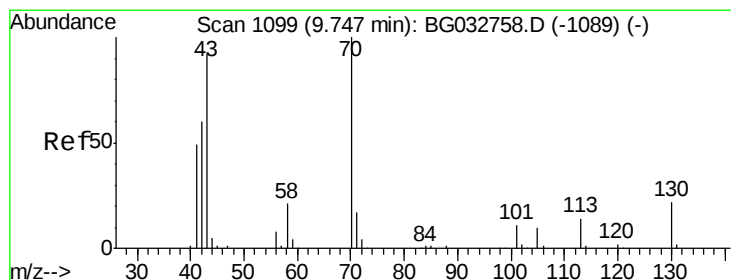
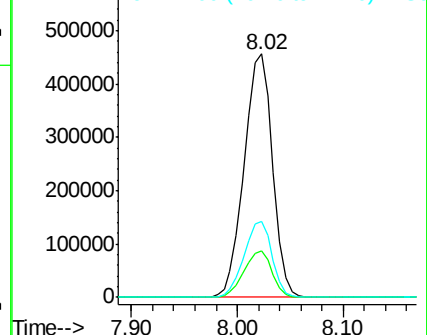
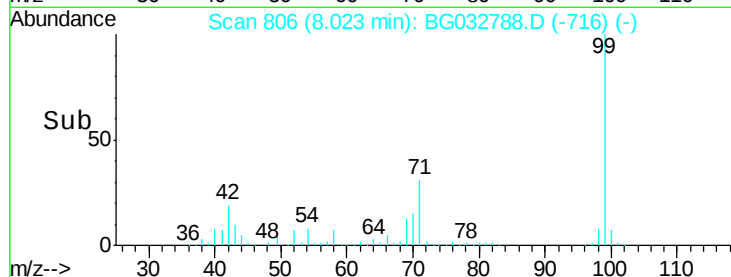
99 100

42 19.0 14.1 21.1

71 31.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.169 ng

RT: 10.13 min Scan# 1164

Delta R.T. 0.38 min

Lab File: BG032788.D

Acq: 22 Feb 2018 19:35

Tgt Ion: 70 Resp: 61204

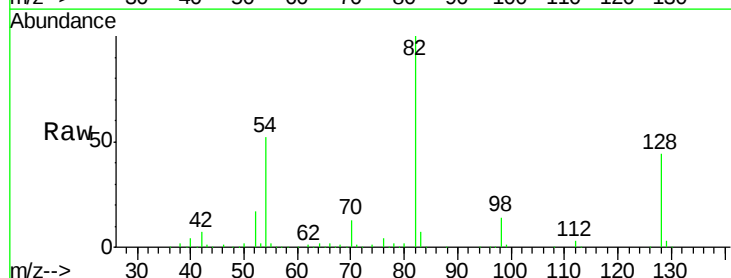
Ion Ratio Lower Upper

70 100

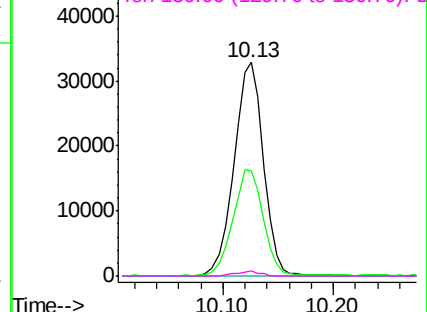
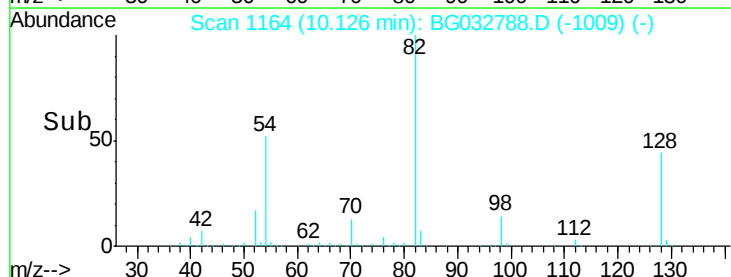
42 49.0 49.1 73.7#

101 0.0 8.5 12.7#

130 2.6 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

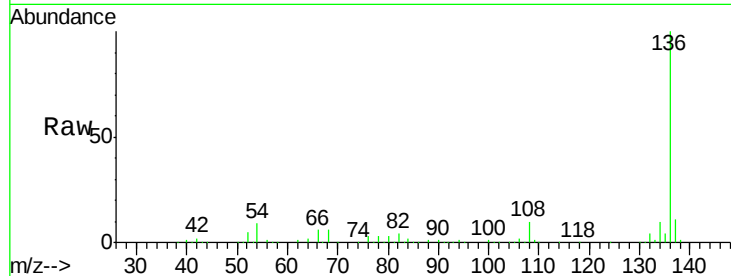




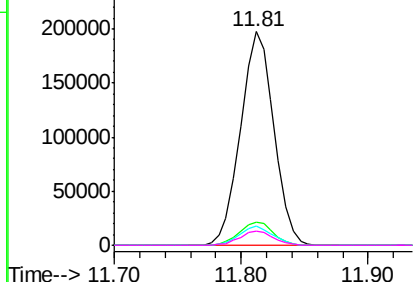
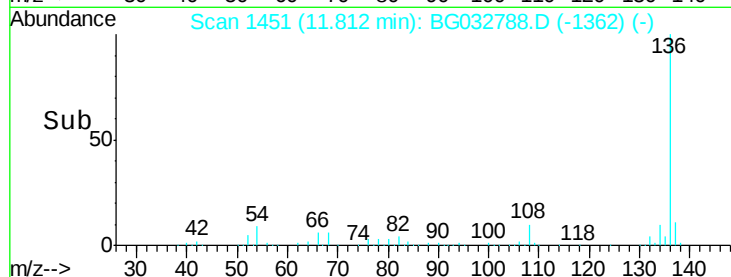
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BG032788.D
Acq: 22 Feb 2018 19:35

Instrument :
BNA_G
ClientSampleId :
PB106758TB

Tot Ion:136	Resp:	359685
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	9.0	10.3 15.5#
68	6.4	4.5 6.7

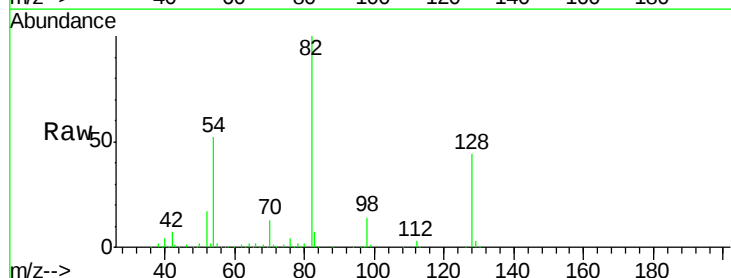


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

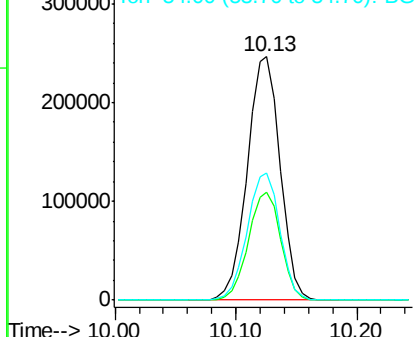
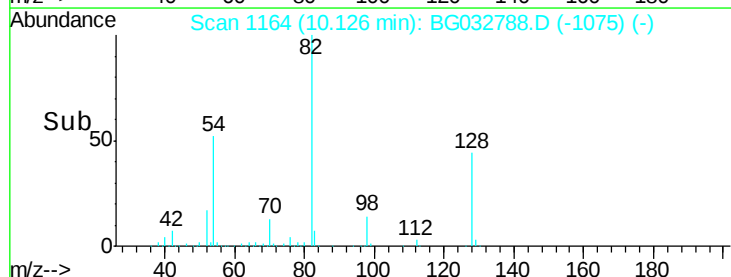


#23
Nitrobenzene-d5
Concen: 89.423 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG032788.D
Acq: 22 Feb 2018 19:35

Tgt Ion: 82	Resp:	466516
Ion Ratio	Lower	Upper
82	100	
128	44.3	29.7 44.5
54	52.4	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





#24

Nitrobenzene

Concen: 6.596 ng

RT: 10.13 min Scan# 1164

Delta R.T. -0.05 min

Lab File: BG032788.D

Acq: 22 Feb 2018 19:35

Instrument :

BNA_G

ClientSampleId :

PB106758TB

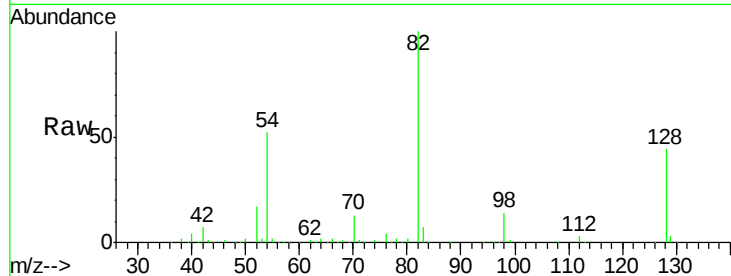
Tot Ion: 77 Resp: 1428

Ion Ratio Lower Upper

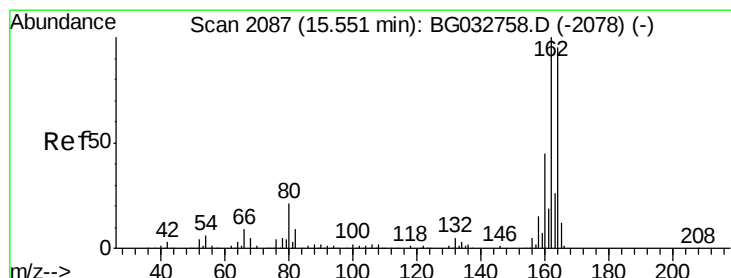
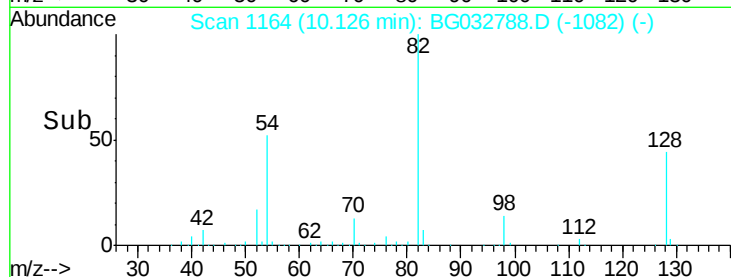
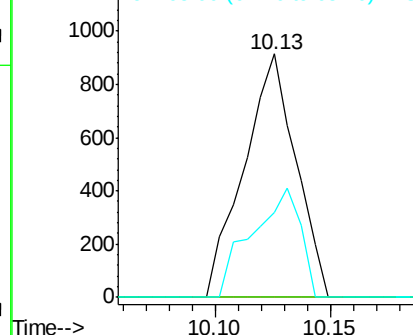
77 100

123 0.0 33.0 49.6#

65 35.1 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.02 min

Lab File: BG032788.D

Acq: 22 Feb 2018 19:35

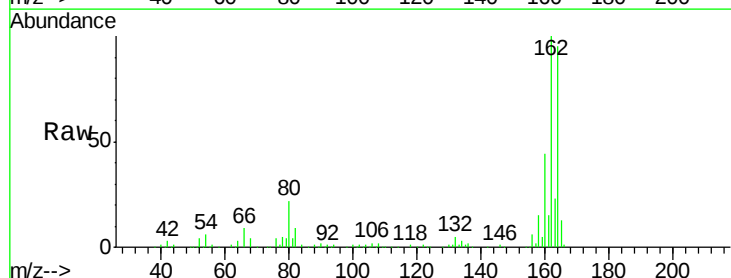
Tgt Ion:164 Resp: 203884

Ion Ratio Lower Upper

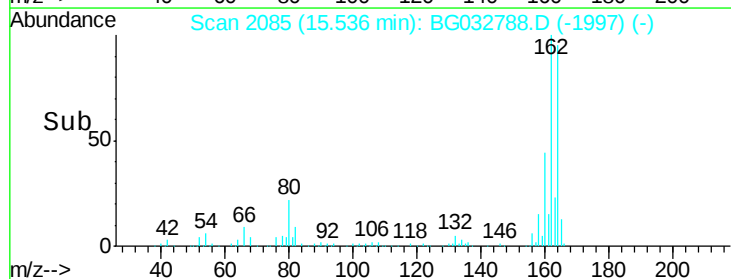
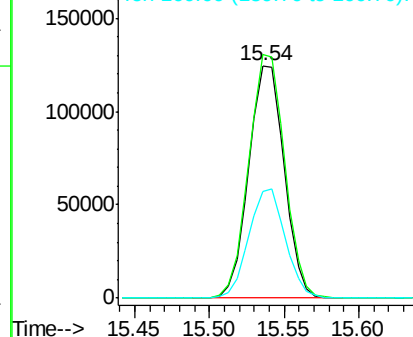
164 100

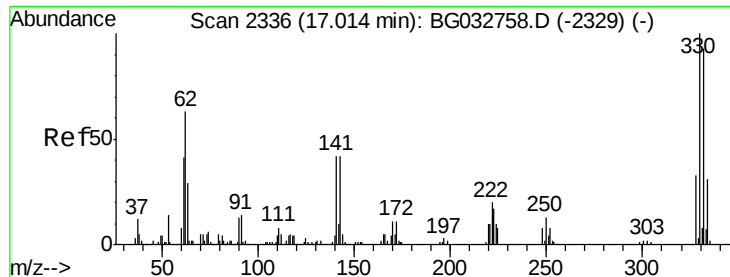
162 104.9 78.8 118.2

160 45.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

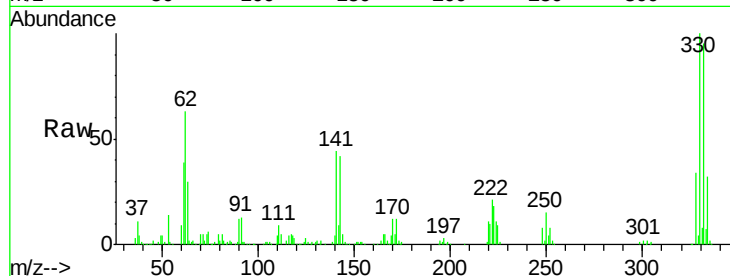




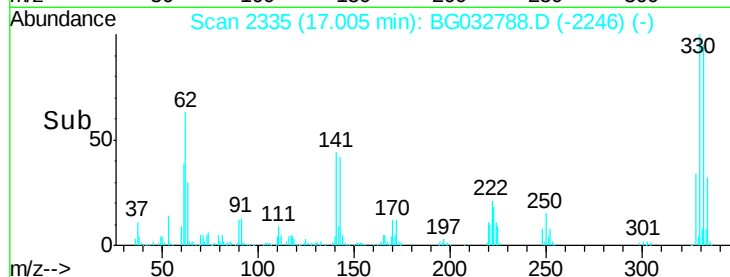
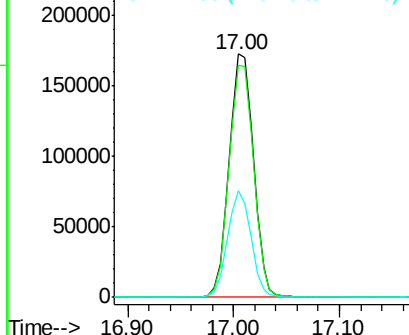
#41
 2,4,6-Tribromophenol
 Concen: 128.123 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG032788.D
 Acq: 22 Feb 2018 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB106758TB

Tot Ion:330 Resp: 274666
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 42.0 25.2 37.8#

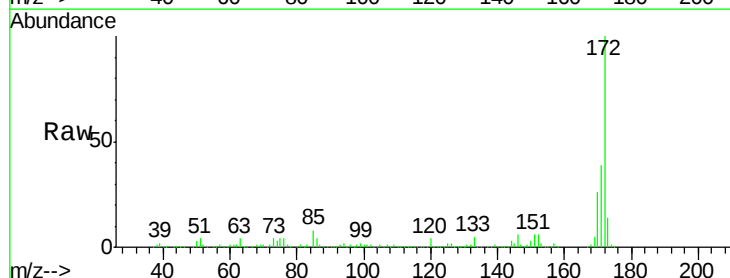


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

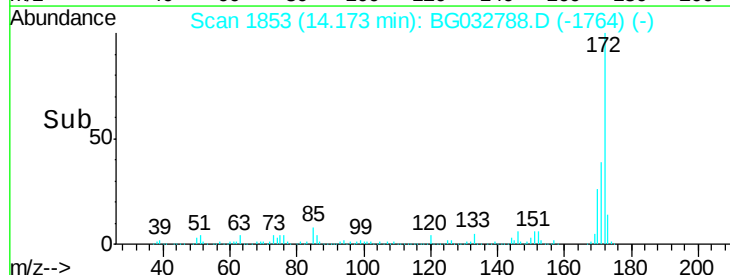
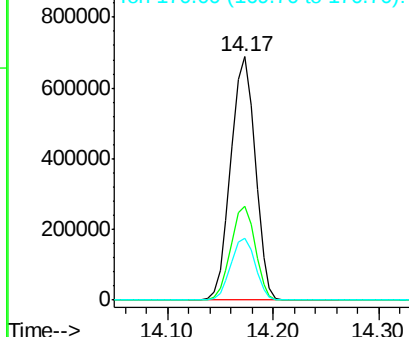


#44
 2-Fluorobiphenyl
 Concen: 77.669 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG032788.D
 Acq: 22 Feb 2018 19:35

Tgt Ion:172 Resp: 1097974
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.0 45.0
 170 25.6 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

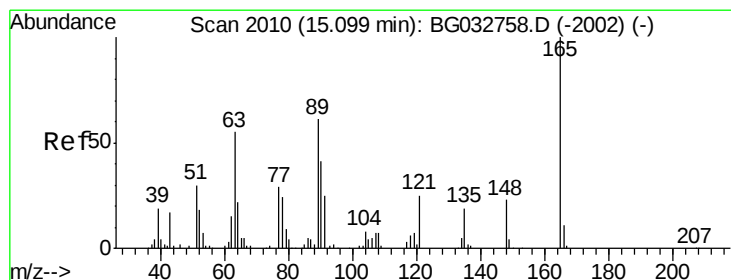
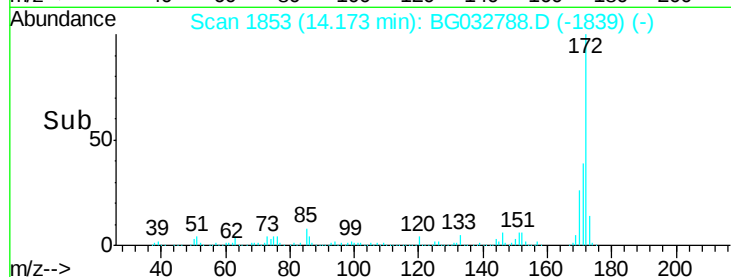
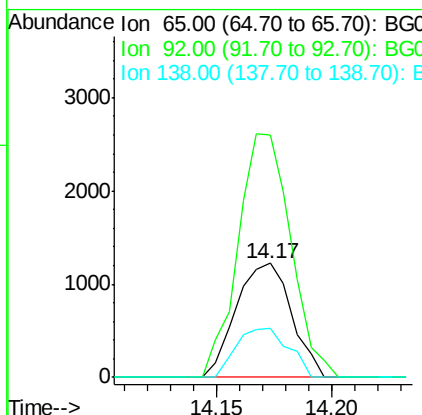
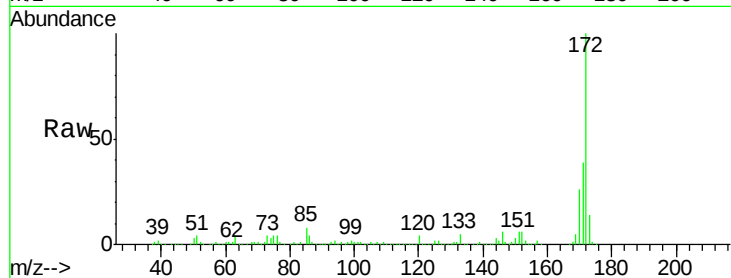




#47
2-Nitroaniline
Concen: 10.317 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.45 min
Lab File: BG032788.D
Acq: 22 Feb 2018 19:35

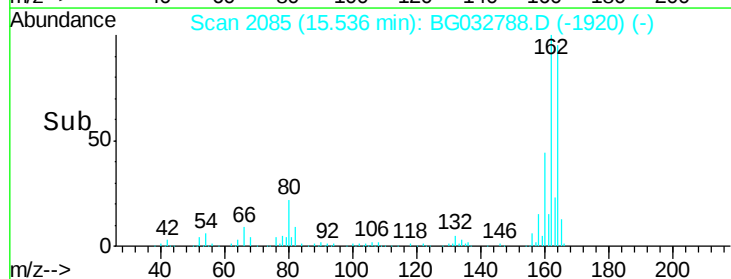
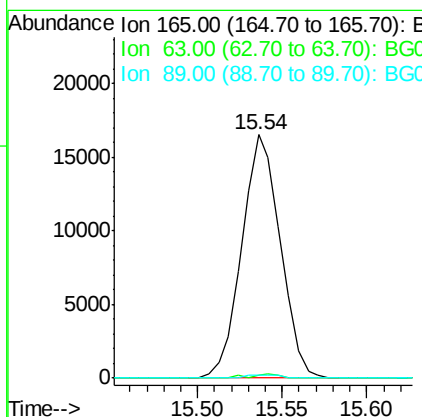
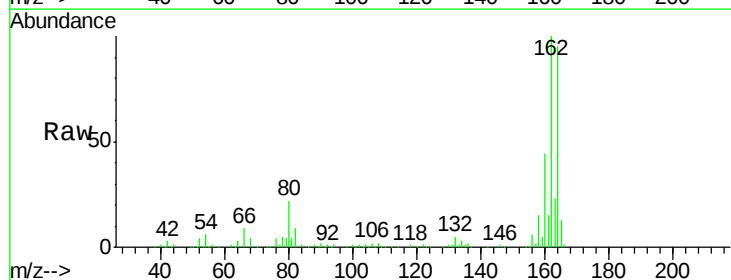
Instrument :
BNA_G
ClientSampleId :
PB106758TB

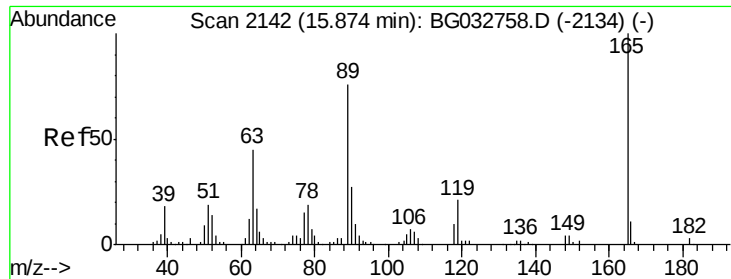
Tot Ion: 65 Resp: 2033
Ion Ratio Lower Upper
65 100
92 212.3 54.6 82.0#
138 43.0 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.309 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.44 min
Lab File: BG032788.D
Acq: 22 Feb 2018 19:35

Tgt Ion:165 Resp: 26066
Ion Ratio Lower Upper
165 100
63 1.4 52.7 79.1#
89 1.0 49.2 73.8#

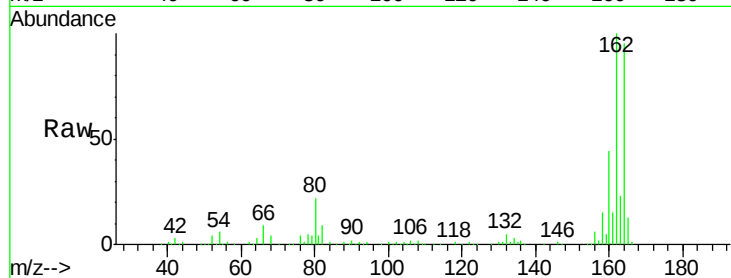




#56
 2,4-Dinitrotoluene
 Concen: 14.506 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.34 min
 Lab File: BG032788.D
 Acq: 22 Feb 2018 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB106758TB

Tot Ion:165	Resp:	26066
Ion Ratio	Lower	Upper
165	100	
63	1.4	42.0 63.0#
89	1.0	66.9 100.3#
182	0.0	2.6 3.8#

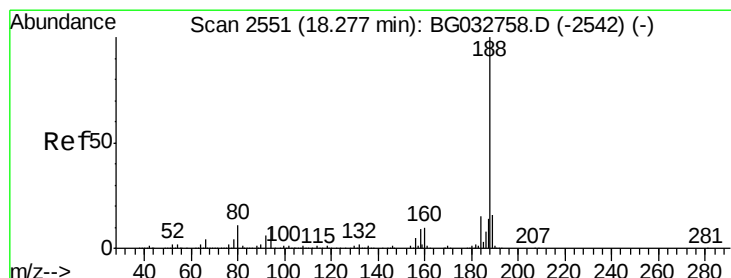
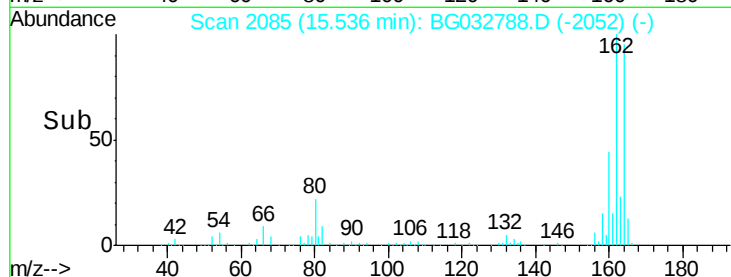
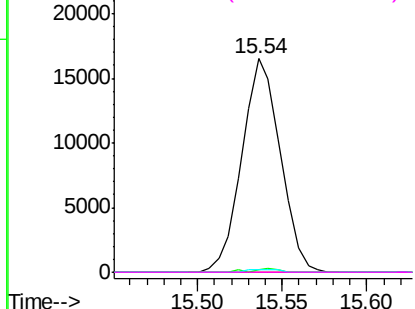


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

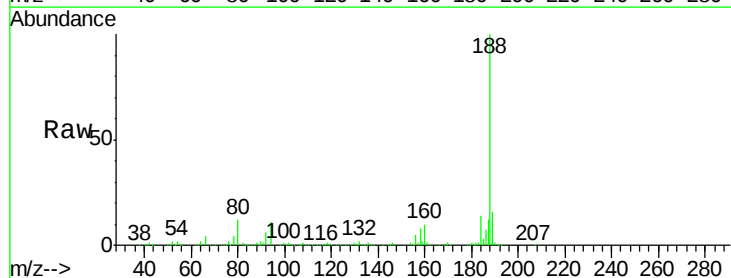
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.02 min
 Lab File: BG032788.D
 Acq: 22 Feb 2018 19:35

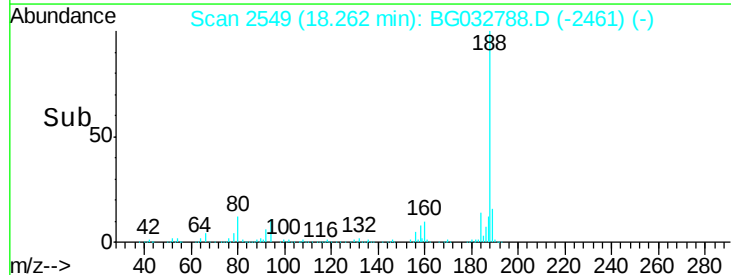
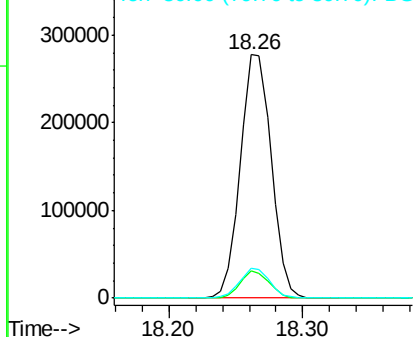
Tgt Ion:188	Resp:	445040
Ion Ratio	Lower	Upper
188	100	
94	11.0	6.9 10.3#
80	12.1	7.7 11.5#

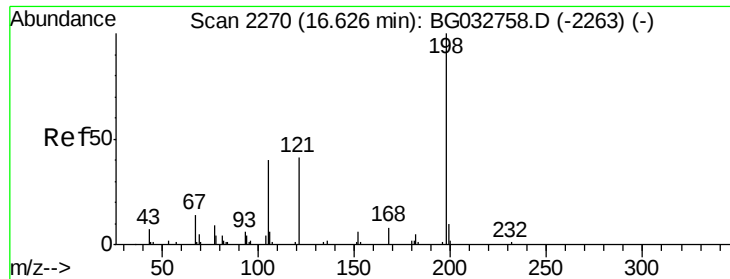


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 5.827 ng

RT: 17.00 min Scan# 2335

Delta R.T. 0.38 min

Lab File: BG032788.D

Acq: 22 Feb 2018 19:35

Instrument :

BNA_G

ClientSampleId :

PB106758TB

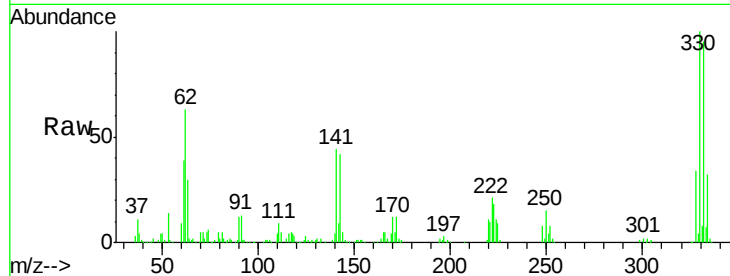
Tot Ion:198 Resp: 921

Ion Ratio Lower Upper

198 100

51 168.1 30.6 70.6#

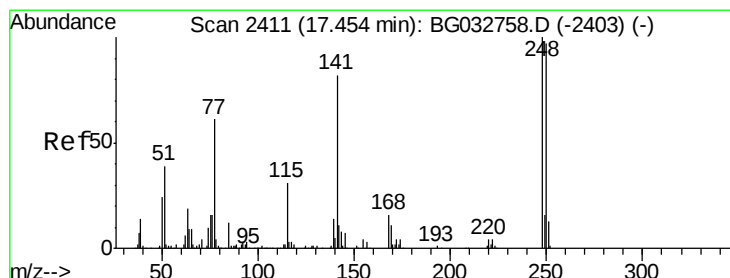
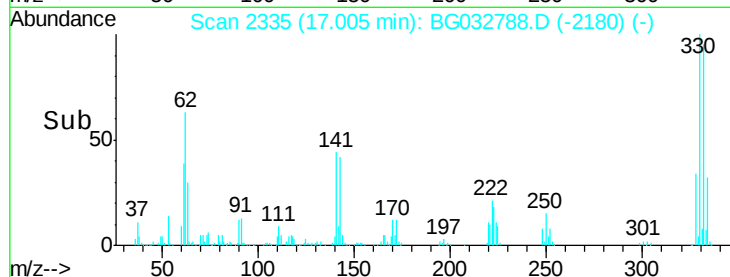
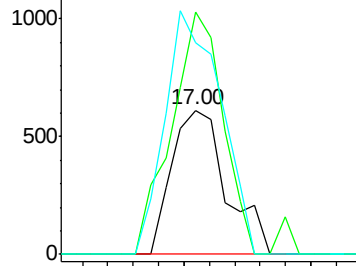
105 146.7 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.186 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.45 min

Lab File: BG032788.D

Acq: 22 Feb 2018 19:35

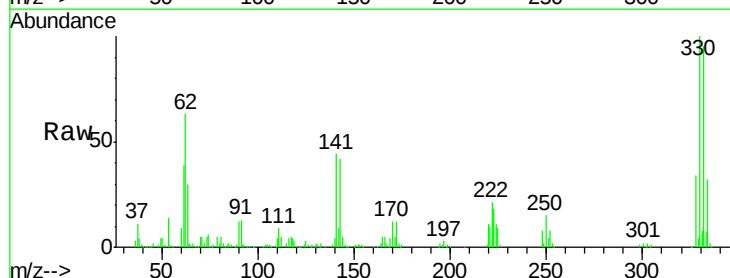
Tgt Ion:248 Resp: 19699

Ion Ratio Lower Upper

248 100

250 192.7 77.1 115.7#

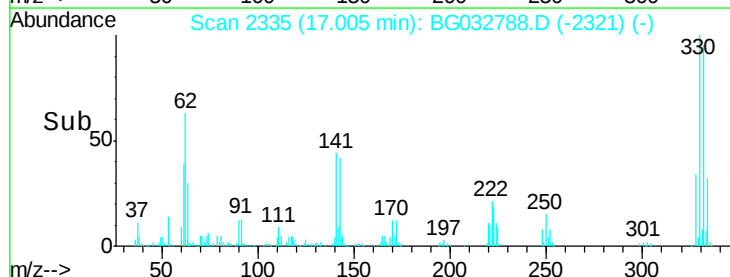
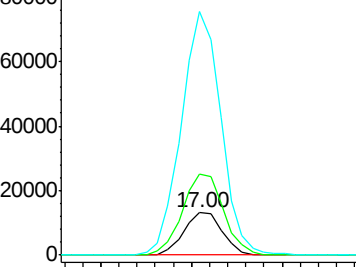
141 575.6 50.8 76.2#

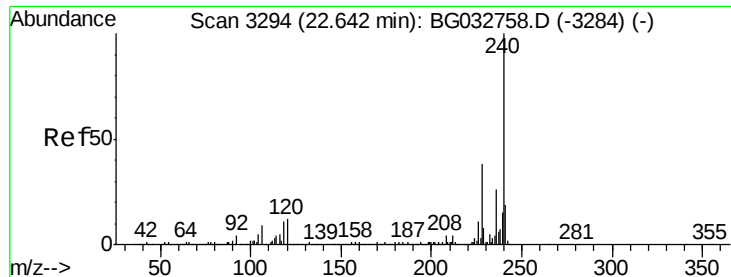


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3291

Delta R.T. -0.02 min

Lab File: BG032788.D

Acq: 22 Feb 2018 19:35

Instrument :

BNA_G

ClientSampleId :

PB106758TB

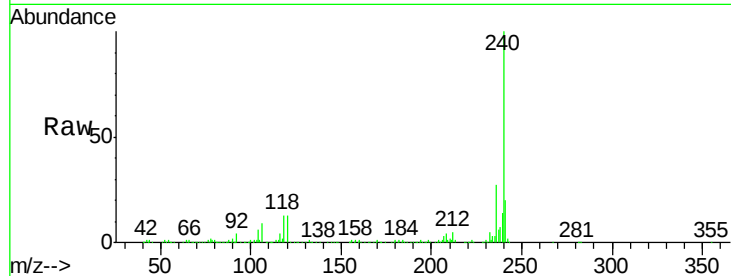
Tot Ion:240 Resp: 410963

Ion Ratio Lower Upper

240 100

120 13.1 6.8 10.2#

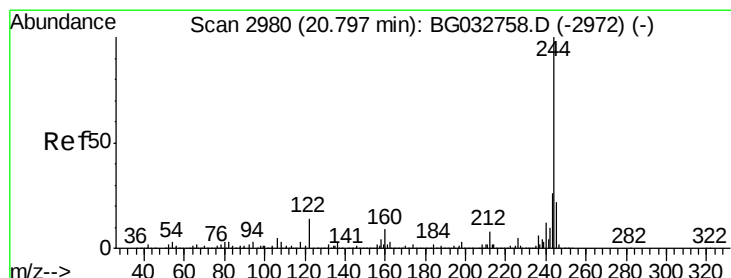
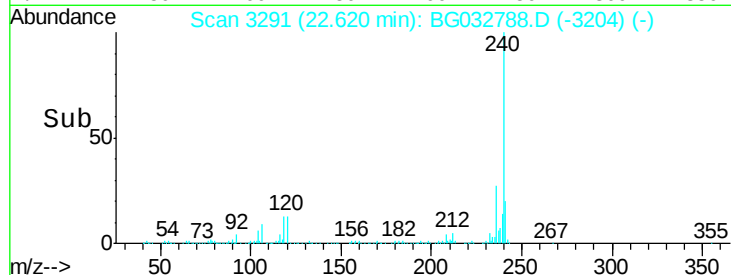
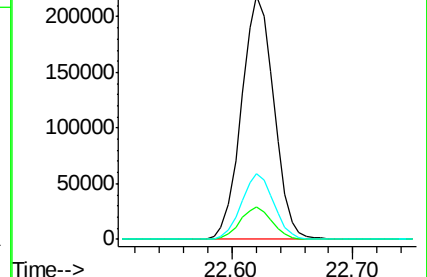
236 27.0 20.9 31.3



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



#78

Terphenyl-d14

Concen: 82.193 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG032788.D

Acq: 22 Feb 2018 19:35

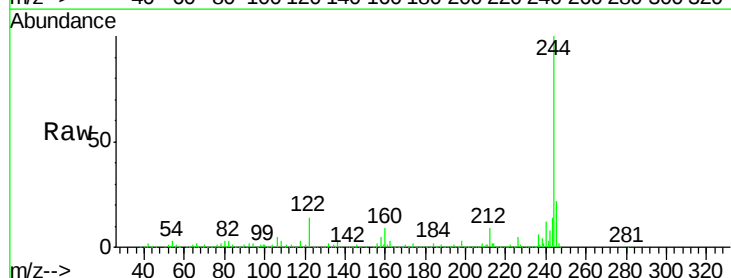
Tgt Ion:244 Resp: 1503451

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

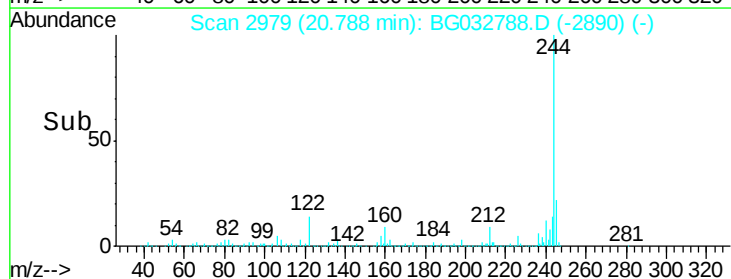
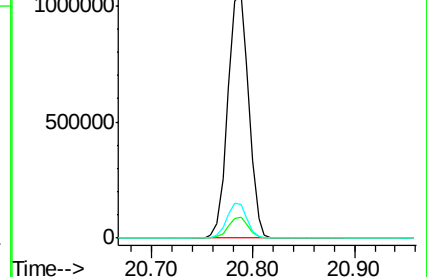
122 13.9 7.0 10.4#

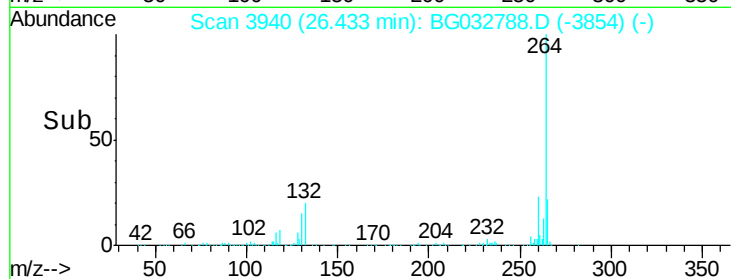
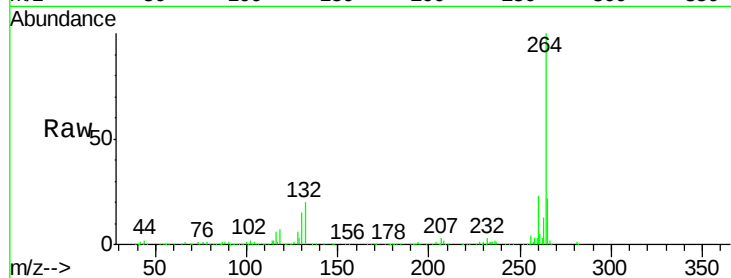
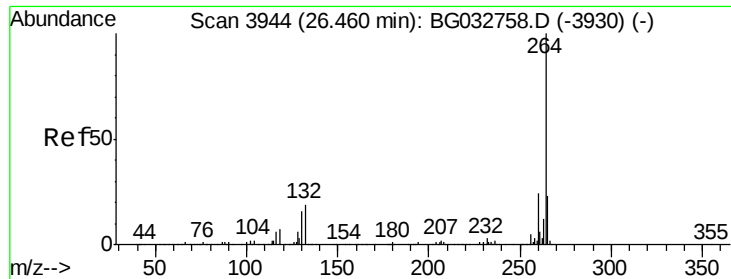


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.43 min Scan# 3940
 Delta R.T. -0.03 min
 Lab File: BG032788.D
 Acq: 22 Feb 2018 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB106758TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.7	17.7	26.5

