

Data File : BG036746.D
Acq On : 15 Sep 2018 18:14
Operator : JU/SJ
Sample : PB112846TB
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112846TB

Quant Time: Sep 17 03:51:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

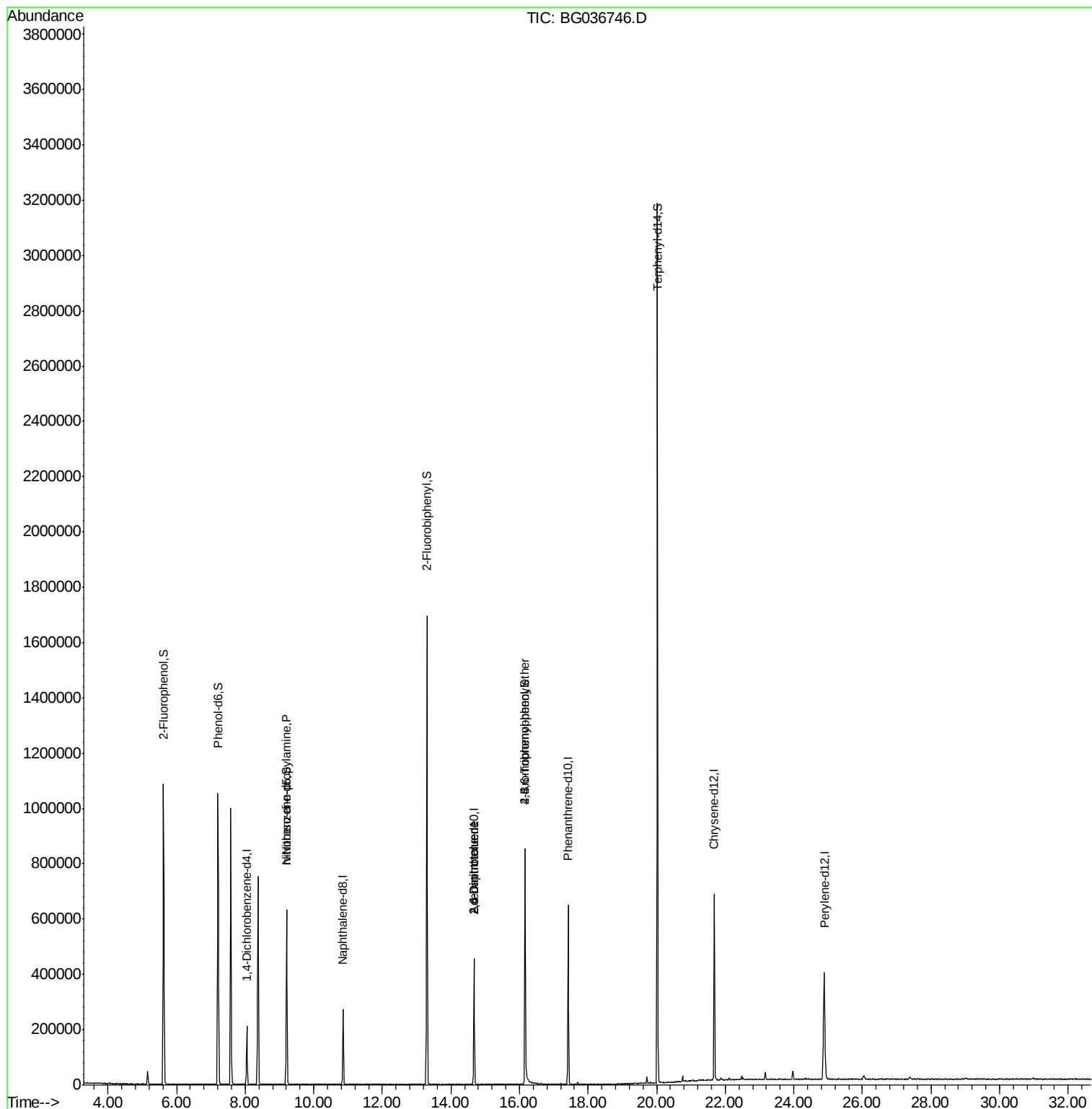
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59408	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	230621	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	154913	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	405539	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	416442	20.00	ng	-0.02
86) Perylene-d12	24.89	264	415732	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	446607	119.25	ng	0.00
7) Phenol-d6	7.21	99	605091	112.85	ng	-0.01
23) Nitrobenzene-d5	9.21	82	374426	88.09	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	182095	98.51	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	878971	81.01	ng	-0.01
78) Terphenyl-d14	20.02	244	1522800	85.47	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	50177	12.521	ng	# 72
50) 2,6-Dinitrotoluene	14.67	165	20002	7.684	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	20002	5.896	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	12306	2.592	ng	# 1

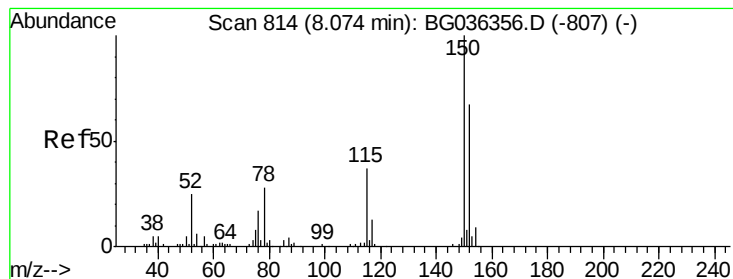
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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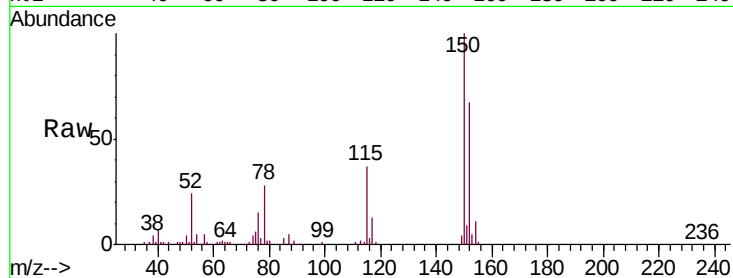


#1

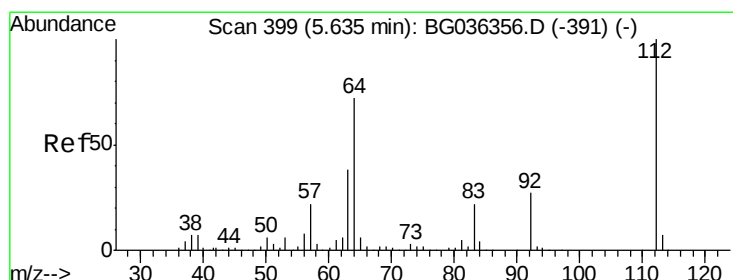
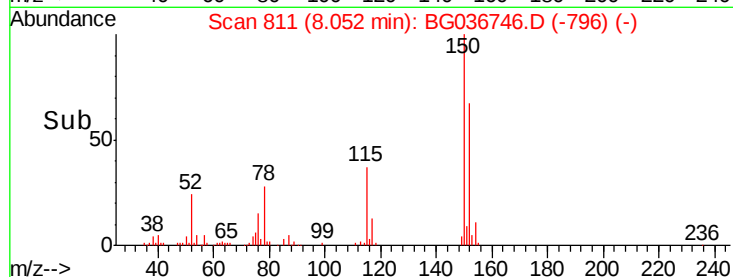
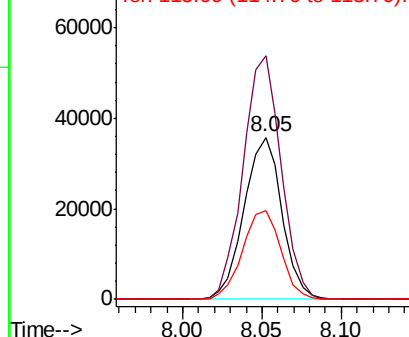
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036746.D
Acq: 15 Sep 2018 18:14

Instrument :
BNA_G
ClientSampleId :
PB112846TB

Tgt Ion:152 Resp: 59408
Ion Ratio Lower Upper
152 100
150 150.3 119.5 179.3
115 54.9 44.5 66.7



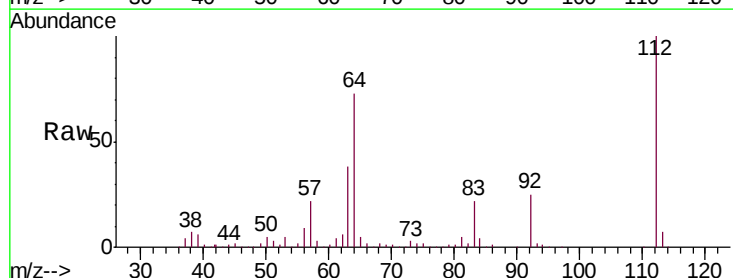
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



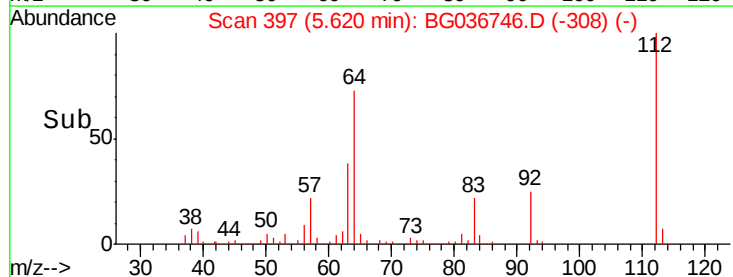
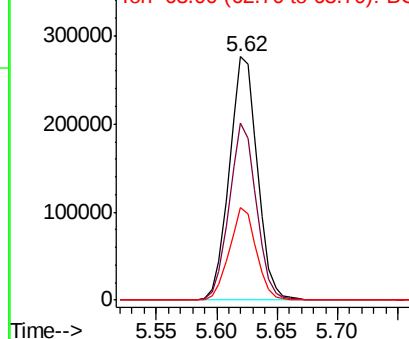
#5

2-Fluorophenol
Concen: 119.252 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036746.D
Acq: 15 Sep 2018 18:14

Tgt Ion:112 Resp: 446607
Ion Ratio Lower Upper
112 100
64 72.9 57.2 85.8
63 37.9 30.8 46.2



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





#7

Phenol-d6

Concen: 112.847 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036746.D

Acq: 15 Sep 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB112846TB

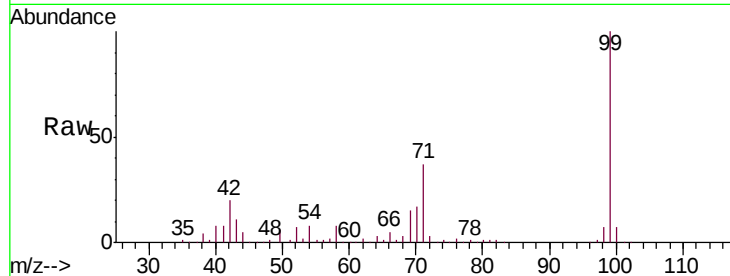
Tgt Ion: 99 Resp: 605091

Ion Ratio Lower Upper

99 100

42 20.1 16.5 24.7

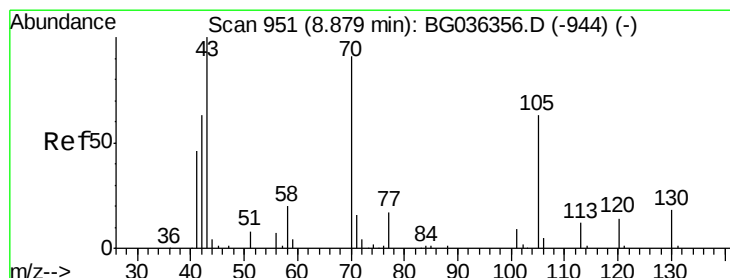
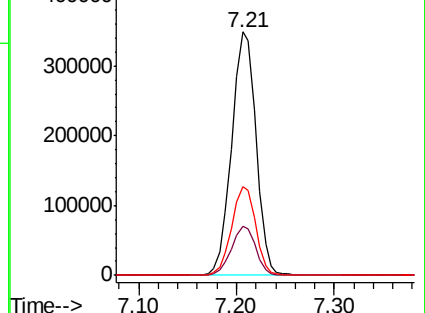
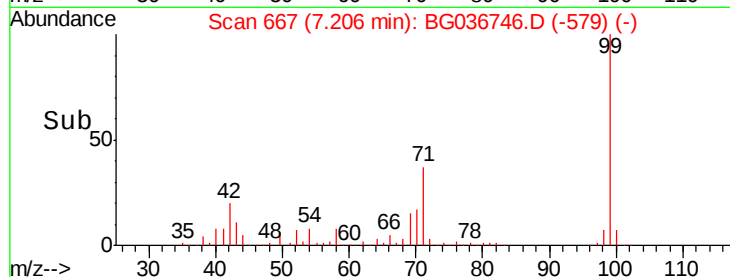
71 36.7 29.4 44.2



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: 12.521 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036746.D

Acq: 15 Sep 2018 18:14

Tgt Ion: 70 Resp: 50177

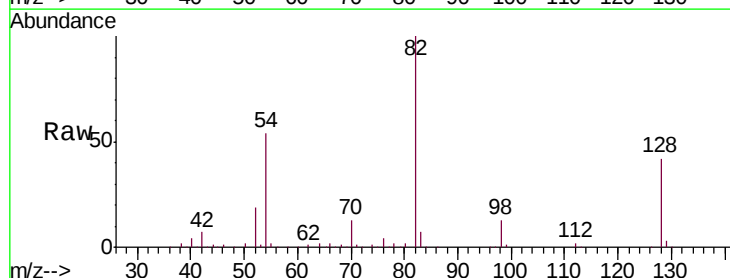
Ion Ratio Lower Upper

70 100

42 49.2 56.2 84.4#

101 0.0 7.8 11.6#

130 2.3 16.2 24.2#

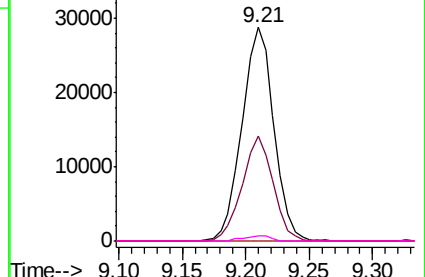
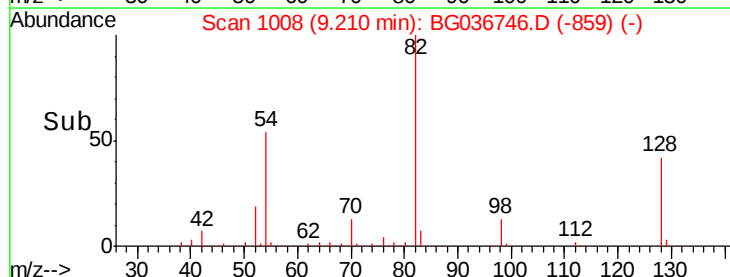


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

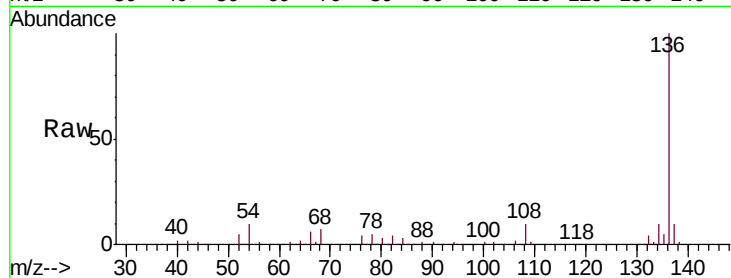




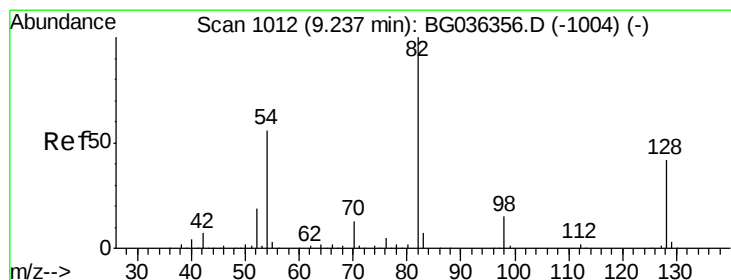
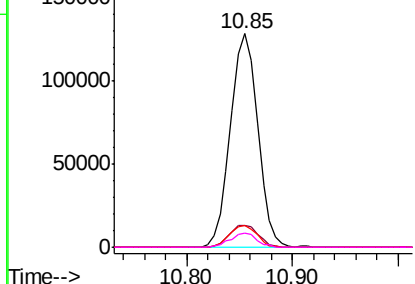
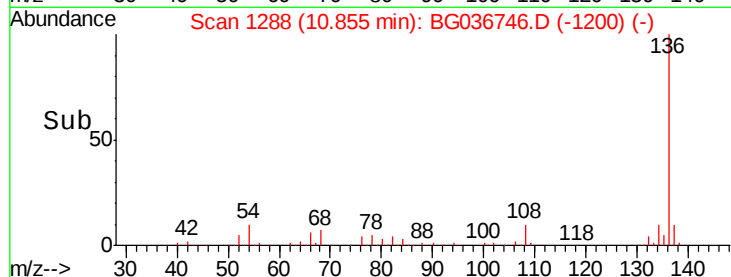
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036746.D
Acq: 15 Sep 2018 18:14

Instrument :
BNA_G
ClientSampleId :
PB112846TB

Tgt Ion:	136	Resp:	230621
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	10.0	9.2	13.8
68	6.5	5.8	8.6

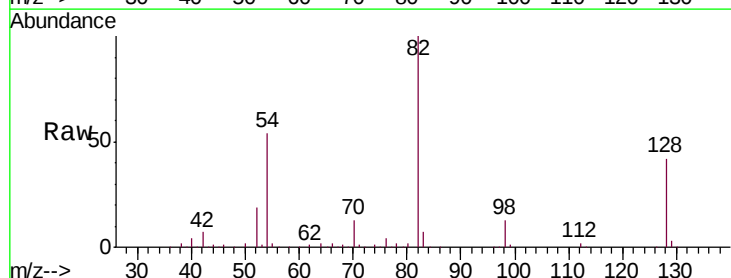


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

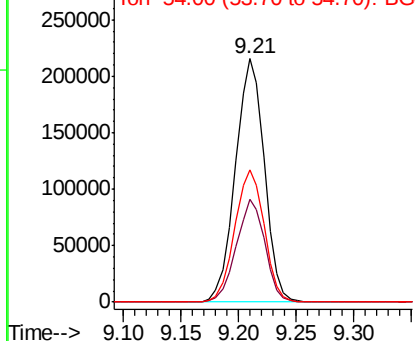
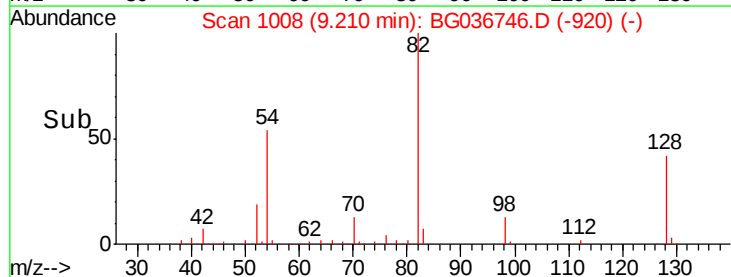


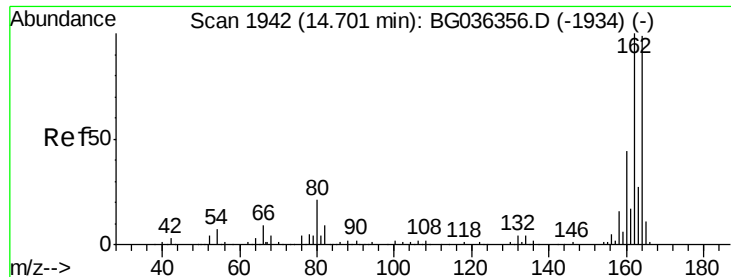
#23
Nitrobenzene-d5
Concen: 88.089 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036746.D
Acq: 15 Sep 2018 18:14

Tgt Ion:	82	Resp:	374426
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	54.1	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
300000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

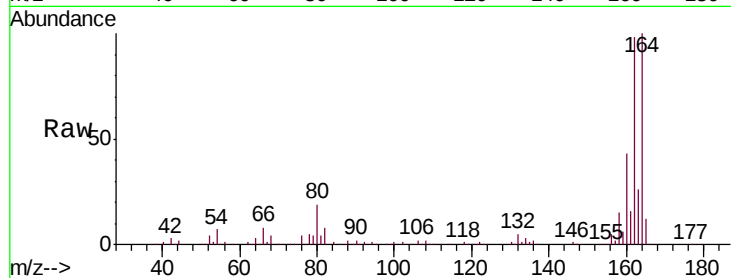




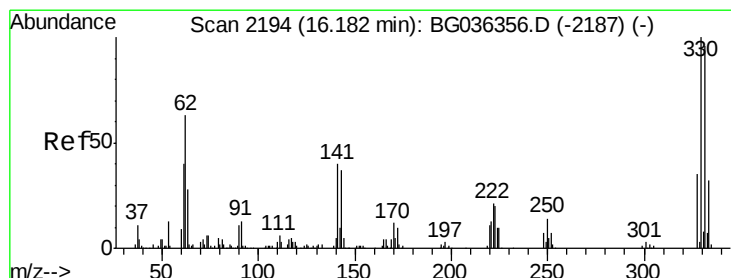
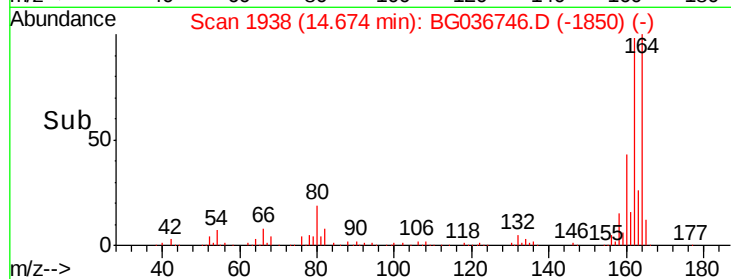
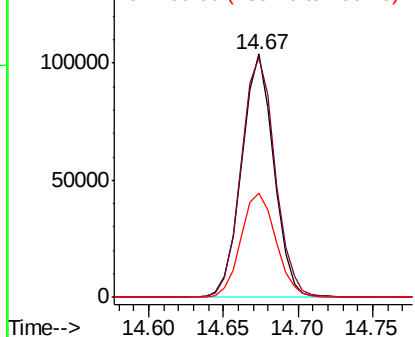
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036746.D
 Acq: 15 Sep 2018 18:14

Instrument :
 BNA_G
 ClientSampleId :
 PB112846TB

Tgt Ion:164 Resp: 154913
 Ion Ratio Lower Upper
 164 100
 162 98.3 80.7 121.1
 160 42.6 35.3 52.9

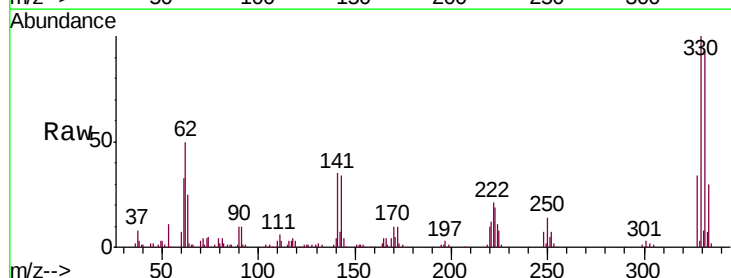


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

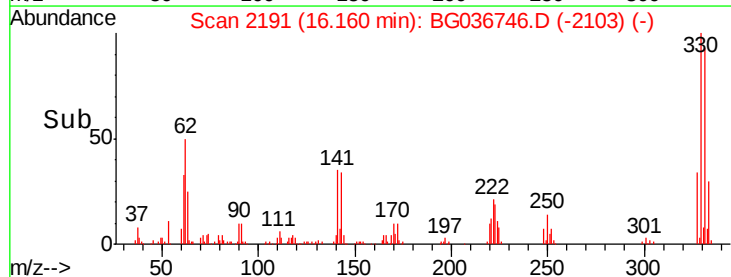
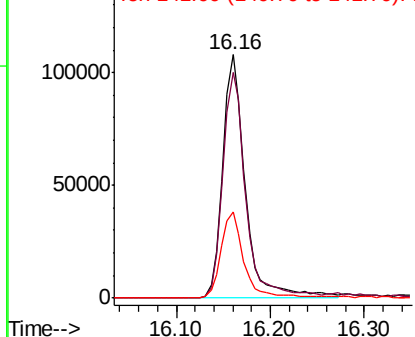


#41
 2,4,6-Tribromophenol
 Concen: 98.512 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036746.D
 Acq: 15 Sep 2018 18:14

Tgt Ion:330 Resp: 182095
 Ion Ratio Lower Upper
 330 100
 332 93.8 75.4 113.2
 141 36.2 30.7 46.1



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

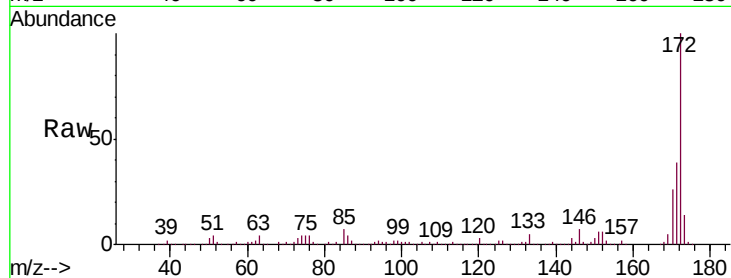




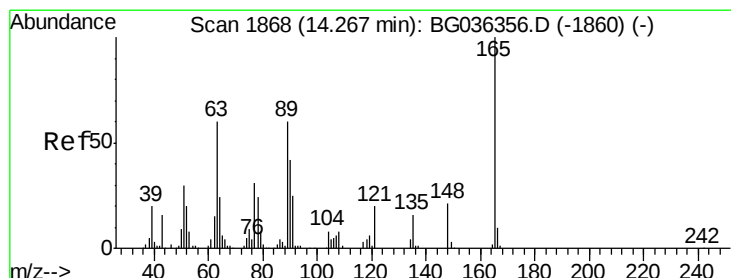
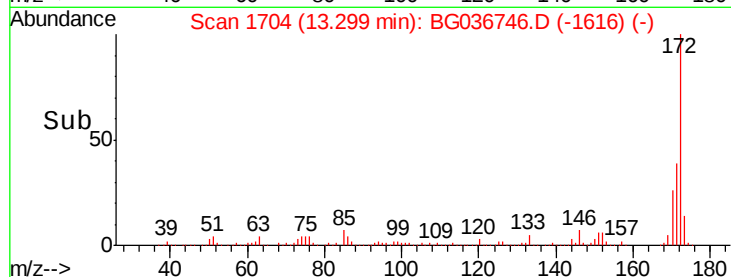
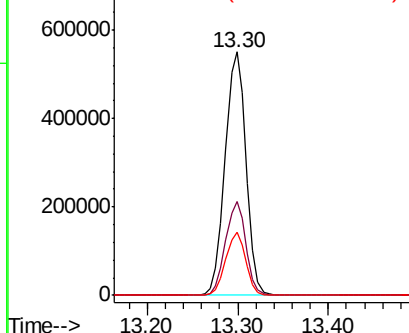
#44
 2-Fluorobiphenyl
 Concen: 81.014 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036746.D
 Acq: 15 Sep 2018 18:14

Instrument :
 BNA_G
 ClientSampleId :
 PB112846TB

Tgt Ion:172 Resp: 878971
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.3 46.9
 170 25.7 21.0 31.6

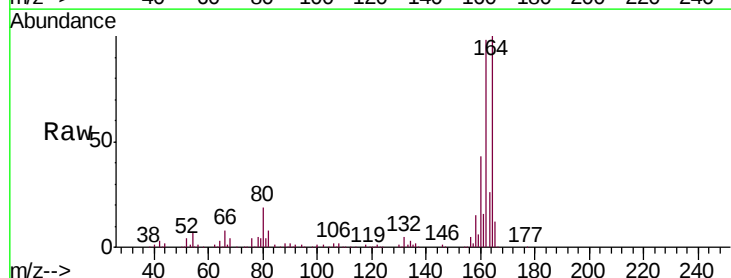


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

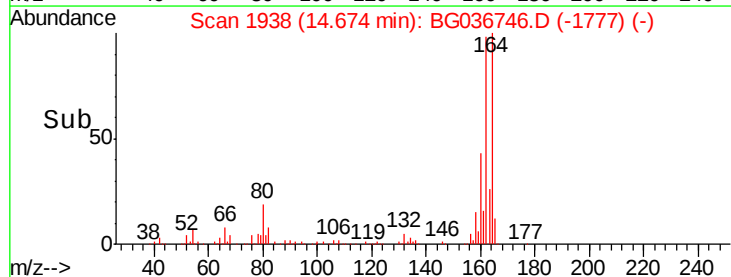
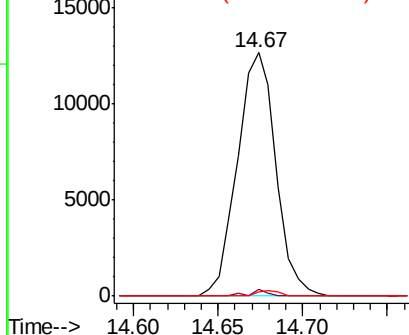


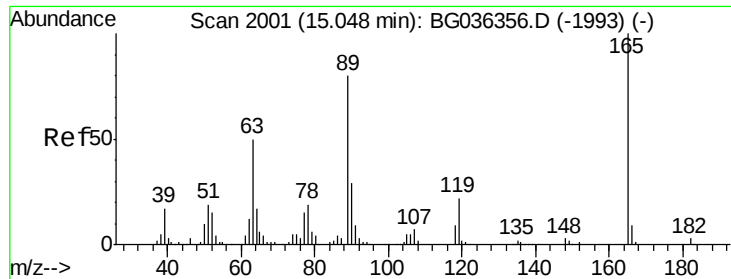
#50
 2,6-Dinitrotoluene
 Concen: 7.684 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036746.D
 Acq: 15 Sep 2018 18:14

Tgt Ion:165 Resp: 20002
 Ion Ratio Lower Upper
 165 100
 63 2.6 50.1 75.1#
 89 1.8 47.8 71.6#



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

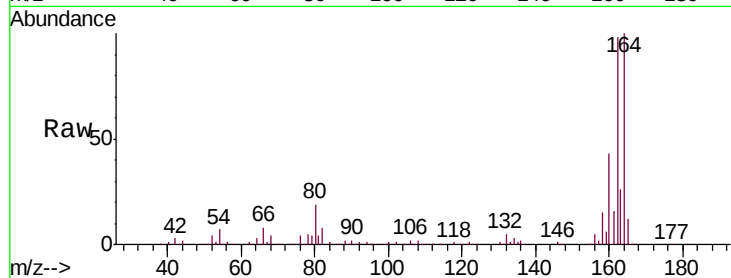




#56
2,4-Dinitrotoluene
Concen: 5.896 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036746.D
Acq: 15 Sep 2018 18:14

Instrument :
BNA_G
ClientSampleId :
PB112846TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	40.1	60.1#
89	1.8	63.7	95.5#
182	0.0	2.5	3.7#



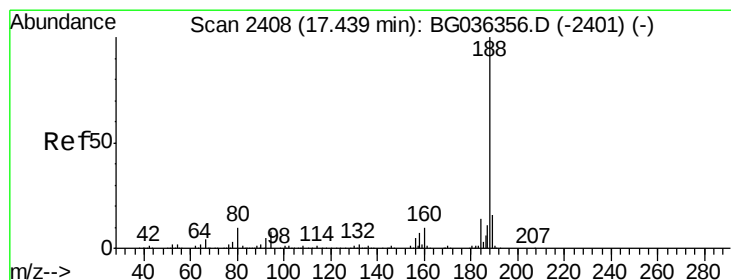
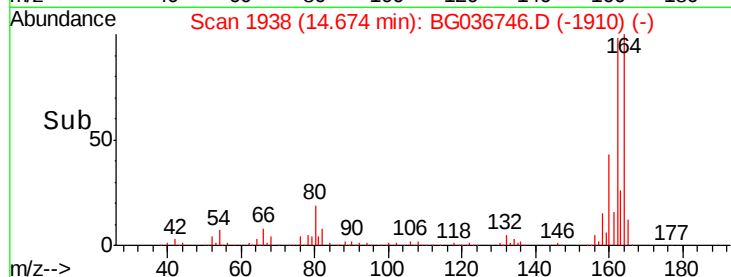
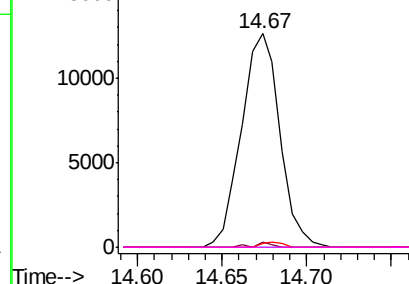
Abundance

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: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036746.D
Acq: 15 Sep 2018 18:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	8.6	8.1	12.1

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

