

Data File : BG036608.D
Acq On : 7 Sep 2018 22:13
Operator : JU/SJ
Sample : PB112680BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112680BL

Quant Time: Sep 08 00:48:09 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	58485	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	256174	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	179366	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	457029	20.00	ng	0.00
75) Chrysene-d12	21.69	240	470594	20.00	ng	0.00
86) Perylene-d12	24.89	264	439803	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	460680	124.95	ng	0.00
7) Phenol-d6	7.21	99	653479	123.79	ng	0.00
23) Nitrobenzene-d5	9.21	82	398998	84.51	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	282918	132.19	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	980084	78.02	ng	0.00
78) Terphenyl-d14	20.03	244	1627303	80.82	ng	0.00

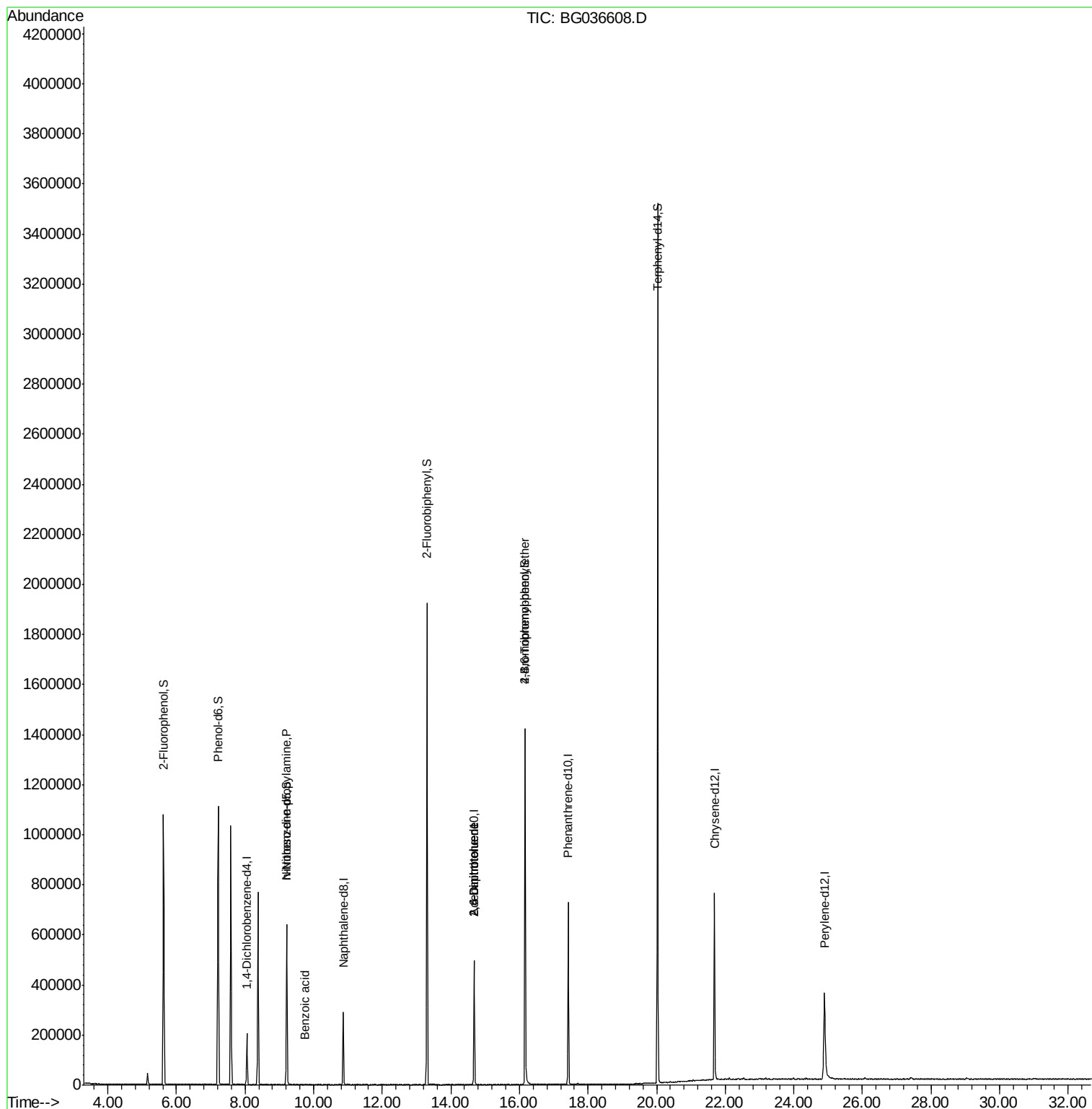
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.22	70	52182	13.227	ng	# 71
32) Benzoic acid	9.74	122	73	4.503	ng	# 1
50) 2,6-Dinitrotoluene	14.68	165	23719	7.870	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	23719	6.039	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	19528	3.649	ng	# 1

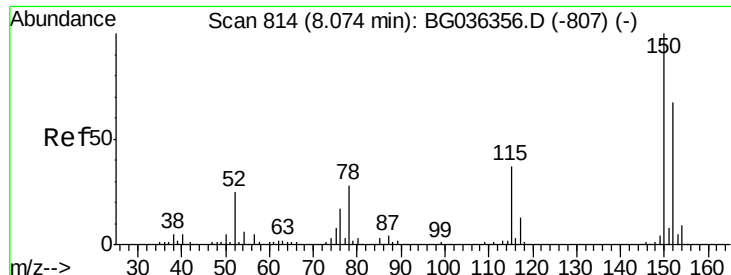
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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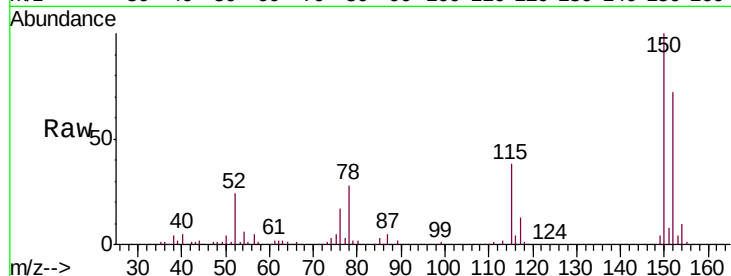


#1

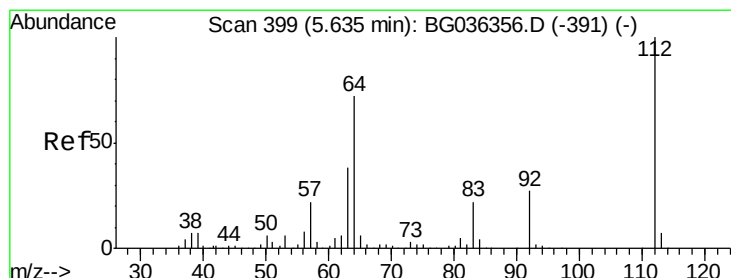
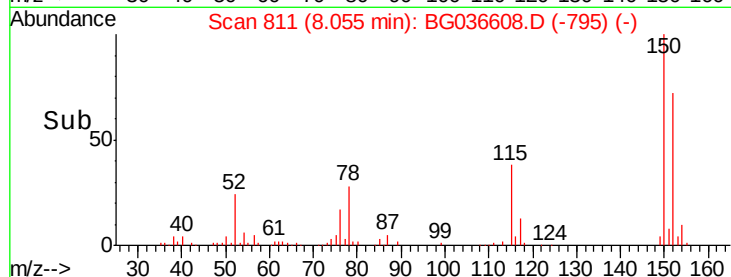
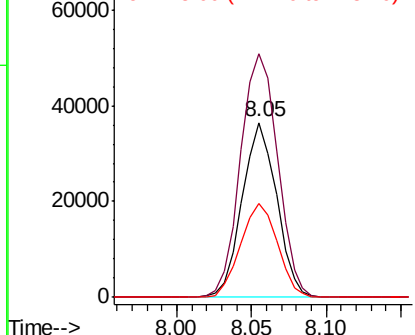
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036608.D
Acq: 7 Sep 2018 22:13

Instrument :
BNA_G
ClientSampleId :
PB112680BL

Tgt Ion:152 Resp: 58485
Ion Ratio Lower Upper
152 100
150 139.2 119.5 179.3
115 53.5 44.5 66.7



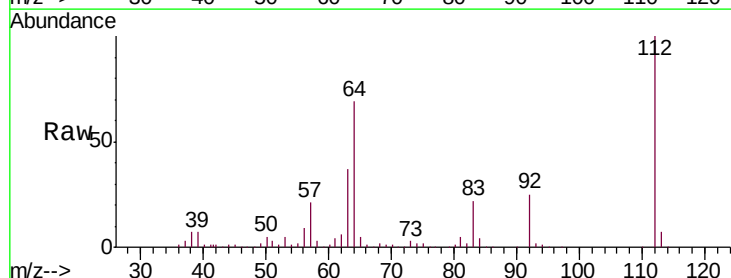
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



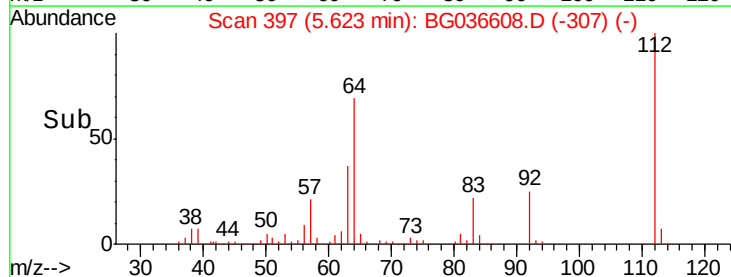
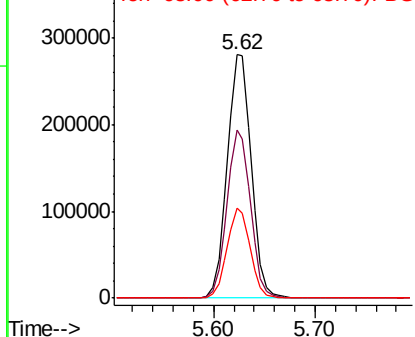
#5

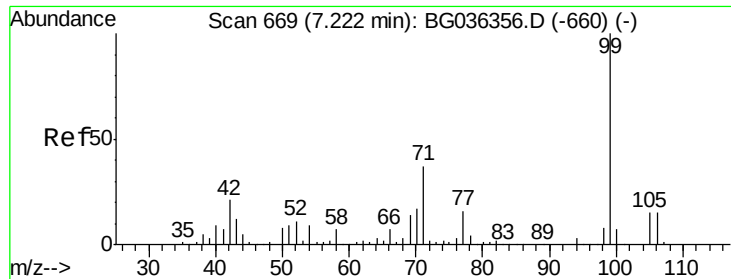
2-Fluorophenol
Concen: 124.951 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036608.D
Acq: 7 Sep 2018 22:13

Tgt Ion:112 Resp: 460680
Ion Ratio Lower Upper
112 100
64 69.2 57.2 85.8
63 37.0 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: 123.795 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036608.D

Acq: 7 Sep 2018 22:13

Instrument :

BNA_G

ClientSampleId :

PB112680BL

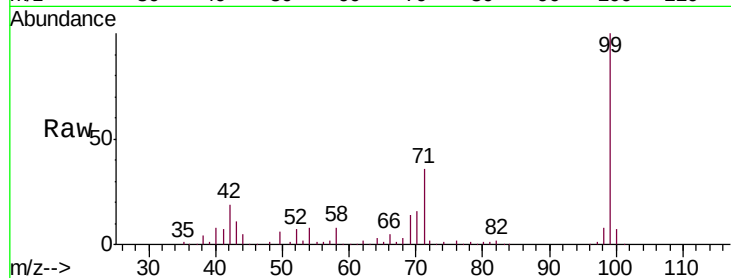
Tgt Ion: 99 Resp: 653479

Ion Ratio Lower Upper

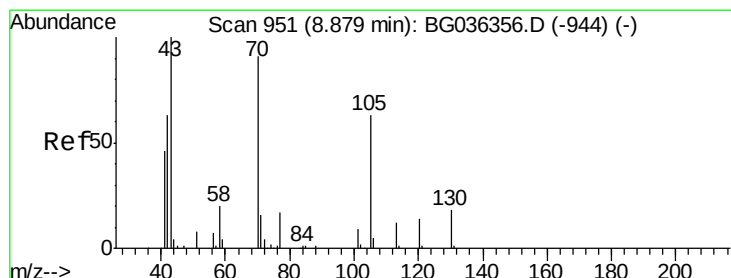
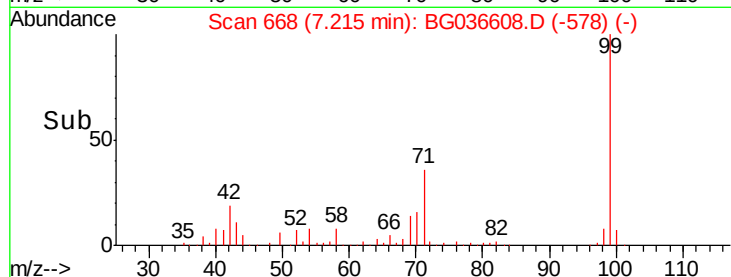
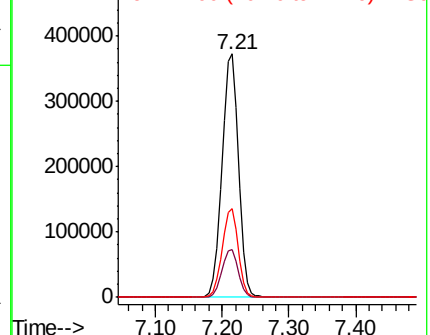
99 100

42 19.4 16.5 24.7

71 36.4 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: 13.227 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036608.D

Acq: 7 Sep 2018 22:13

Tgt Ion: 70 Resp: 52182

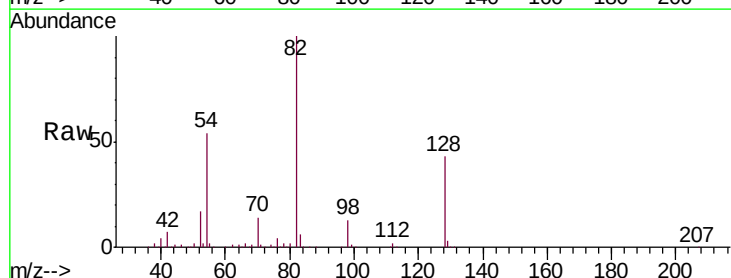
Ion Ratio Lower Upper

70 100

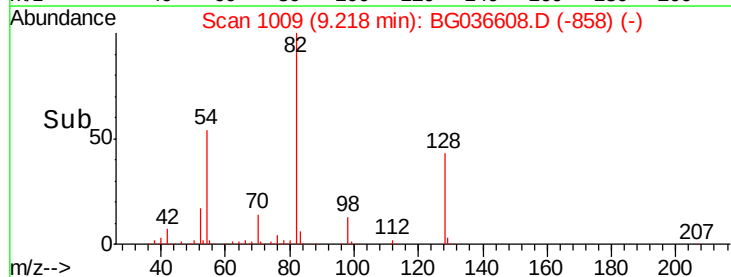
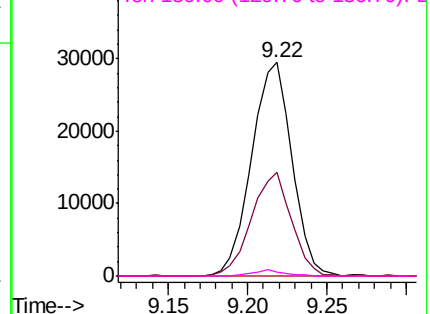
42 48.6 56.2 84.4#

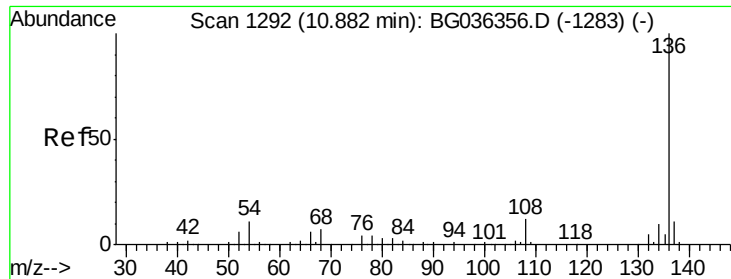
101 0.0 7.8 11.6#

130 1.7 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

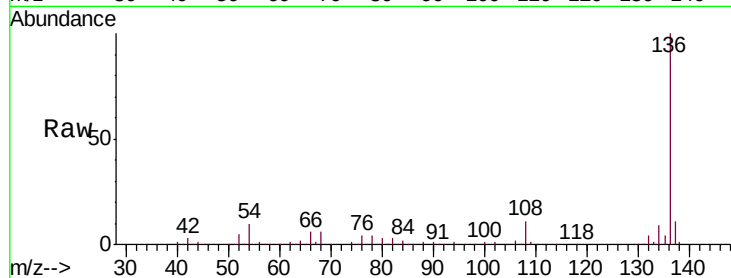




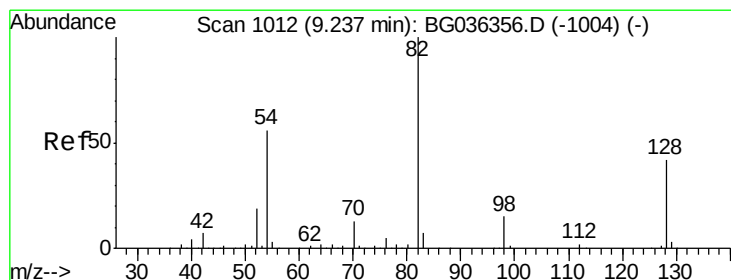
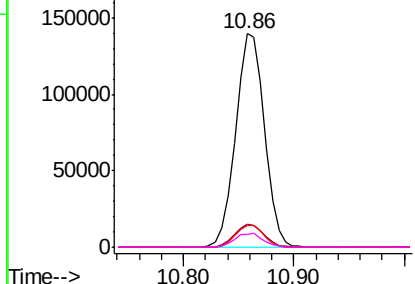
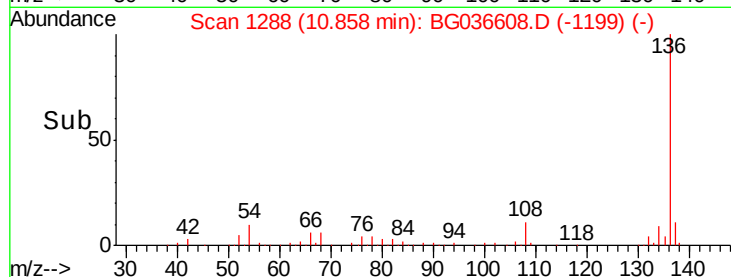
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036608.D
Acq: 7 Sep 2018 22:13

Instrument :
BNA_G
ClientSampleId :
PB112680BL

Tgt Ion: 136 Resp: 256174
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.0 9.2 13.8
68 6.1 5.8 8.6

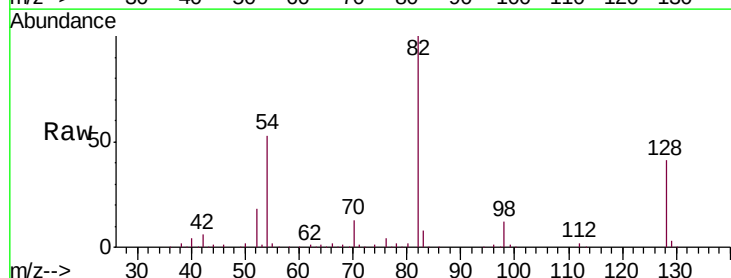


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

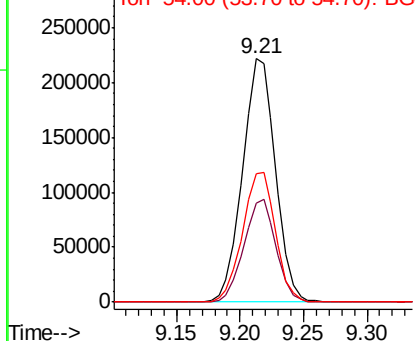
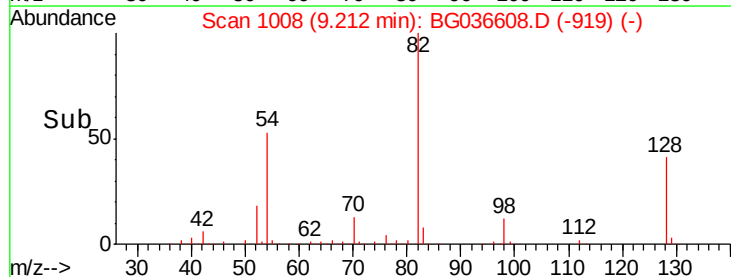


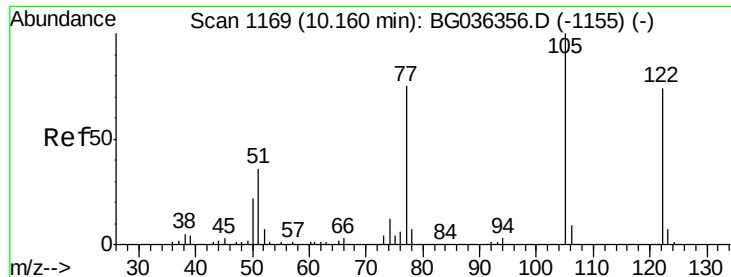
#23
Nitrobenzene-d5
Concen: 84.506 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036608.D
Acq: 7 Sep 2018 22:13

Tgt Ion: 82 Resp: 398998
Ion Ratio Lower Upper
82 100
128 40.6 33.3 49.9
54 52.8 45.1 67.7



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

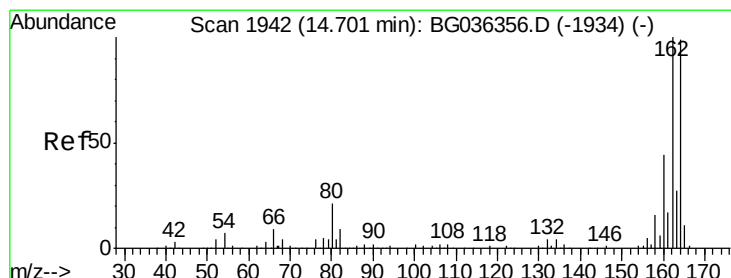
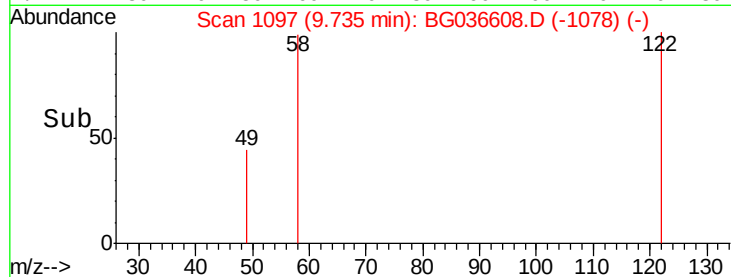
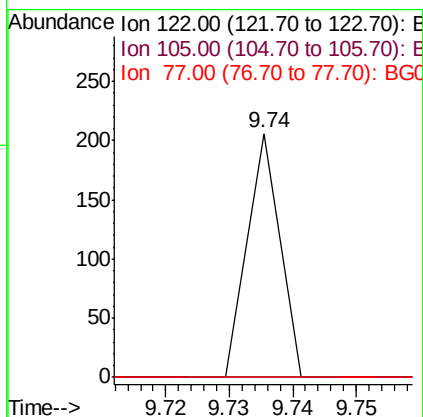
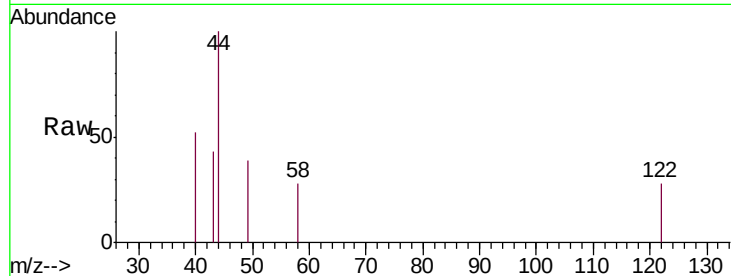




#32
Benzoic acid
Concen: 4.503 ng
RT: 9.74 min Scan# 1097
Delta R.T. -0.42 min
Lab File: BG036608.D
Acq: 7 Sep 2018 22:13

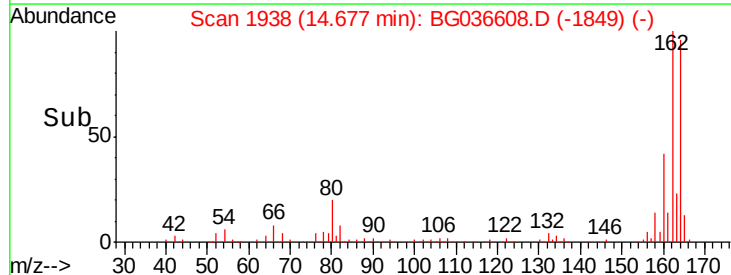
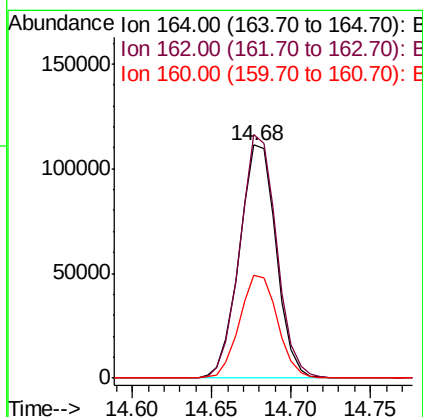
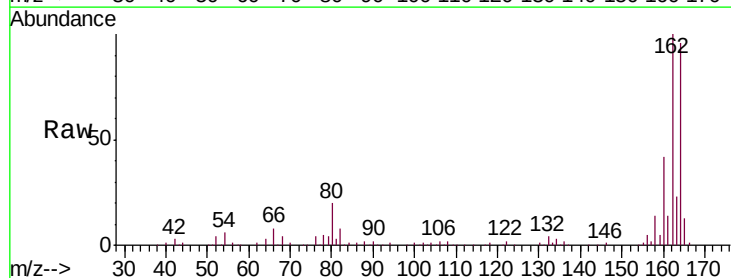
Instrument :
BNA_G
ClientSampleId :
PB112680BL

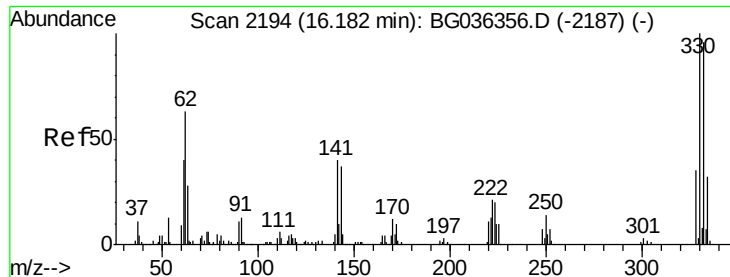
Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036608.D
Acq: 7 Sep 2018 22:13

Tgt Ion:164 Resp: 179366
Ion Ratio Lower Upper
164 100
162 104.4 80.7 121.1
160 44.3 35.3 52.9

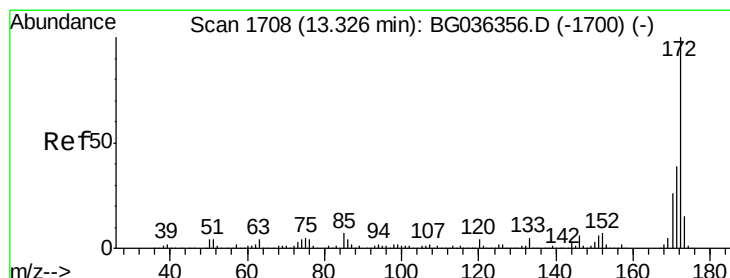
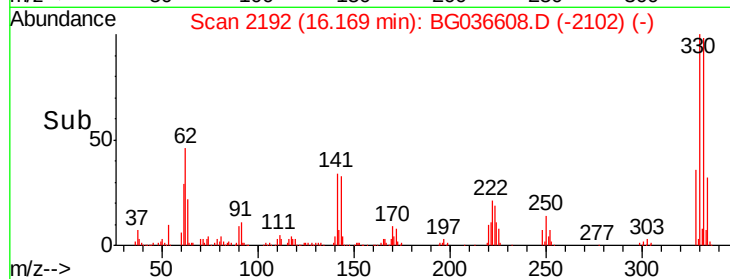
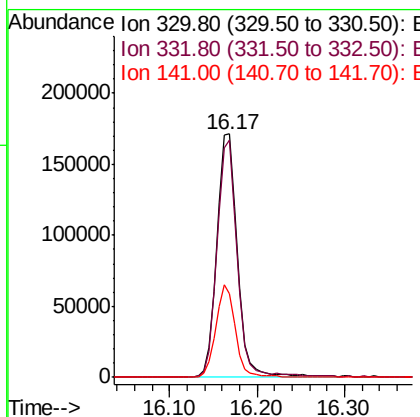
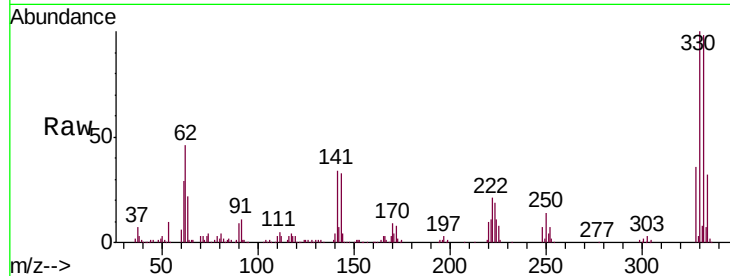




#41
 2,4,6-Tribromophenol
 Concen: 132.190 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036608.D
 Acq: 7 Sep 2018 22:13

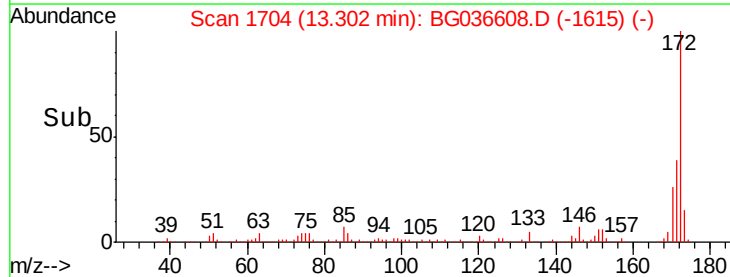
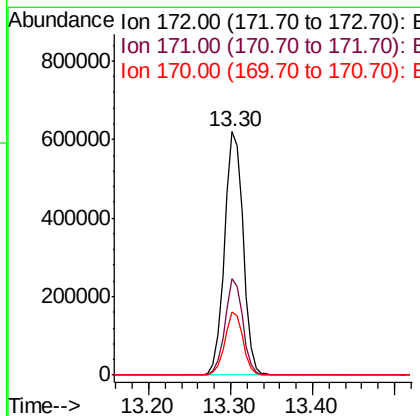
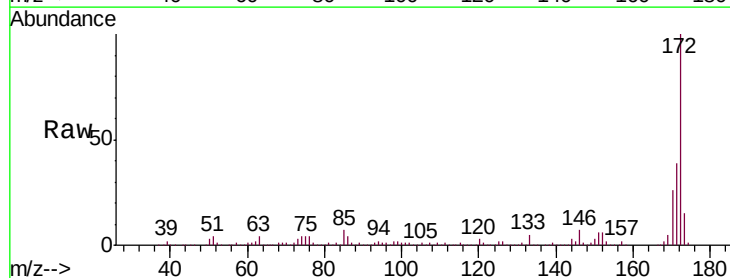
Instrument :
 BNA_G
 ClientSampleId :
 PB112680BL

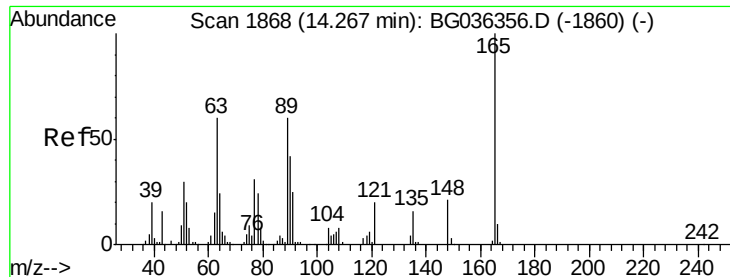
Tgt Ion:330 Resp: 282918
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.2
 141 35.8 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 78.018 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036608.D
 Acq: 7 Sep 2018 22:13

Tgt Ion:172 Resp: 980084
 Ion Ratio Lower Upper
 172 100
 171 39.4 31.3 46.9
 170 25.7 21.0 31.6

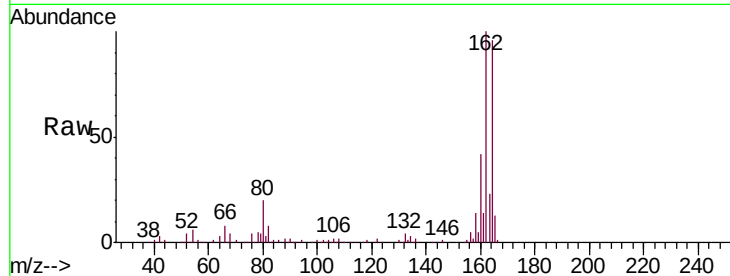




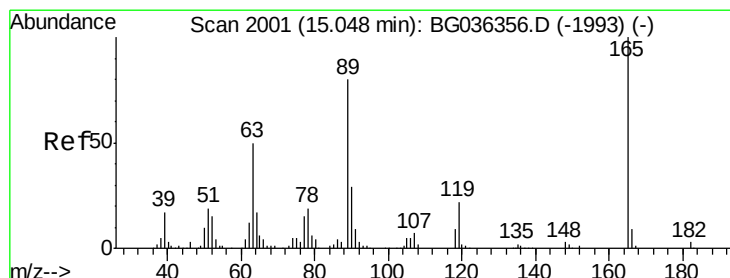
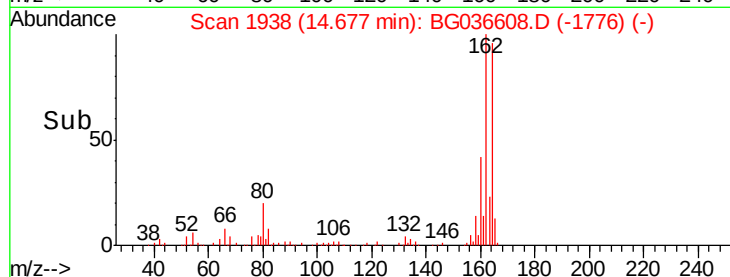
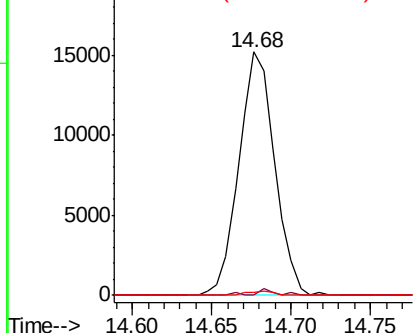
#50
2,6-Dinitrotoluene
Concen: 7.870 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036608.D
Acq: 7 Sep 2018 22:13

Instrument :
BNA_G
ClientSampleId :
PB112680BL

Tgt Ion:165 Resp: 23719
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.3 47.8 71.6#

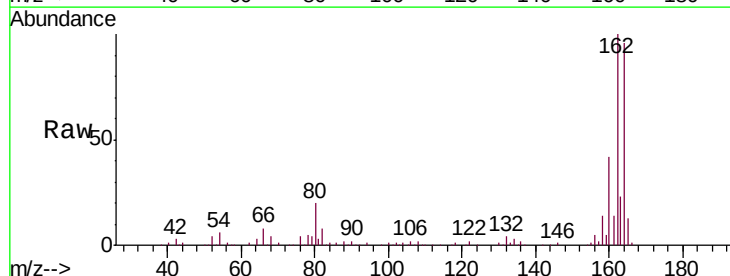


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

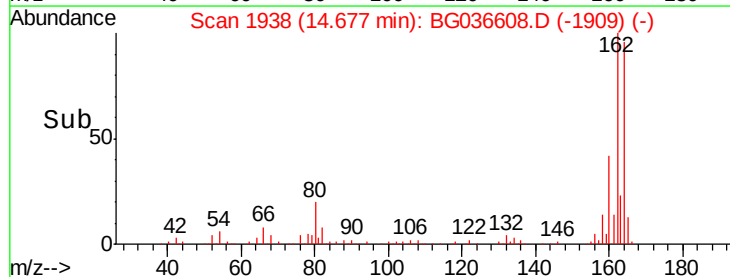
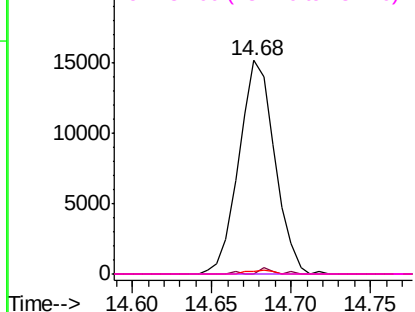


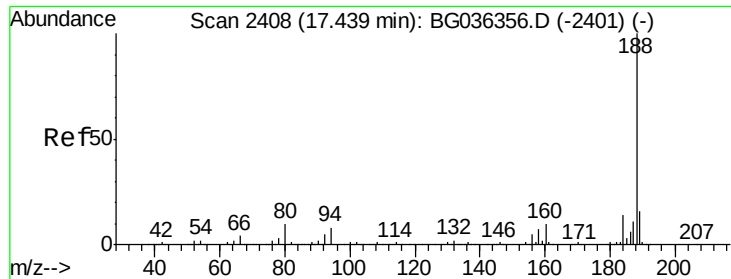
#56
2,4-Dinitrotoluene
Concen: 6.039 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036608.D
Acq: 7 Sep 2018 22:13

Tgt Ion:165 Resp: 23719
Ion Ratio Lower Upper
165 100
63 0.0 40.1 60.1#
89 1.3 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

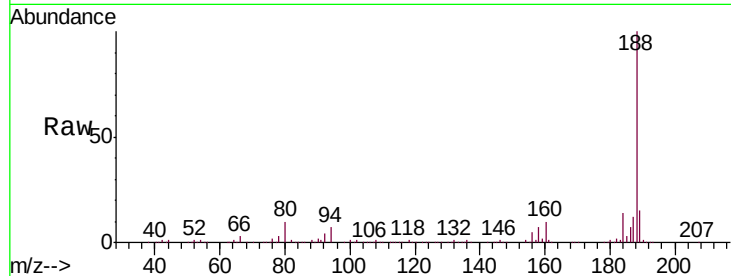




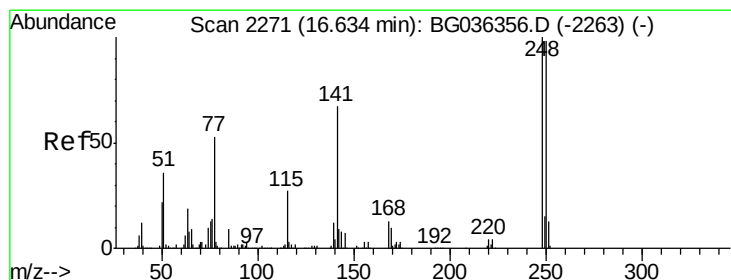
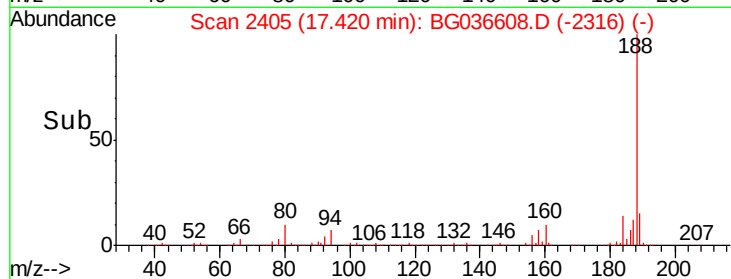
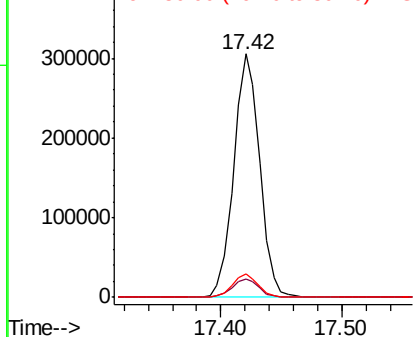
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036608.D
 Acq: 7 Sep 2018 22:13

Instrument :
 BNA_G
 ClientSampleId :
 PB112680BL

Tgt Ion:188 Resp: 457029
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.7 10.1
 80 9.5 8.1 12.1

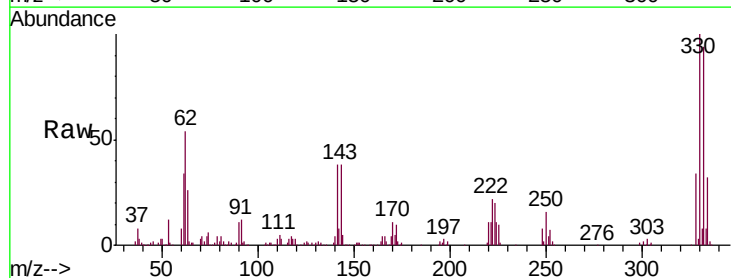


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

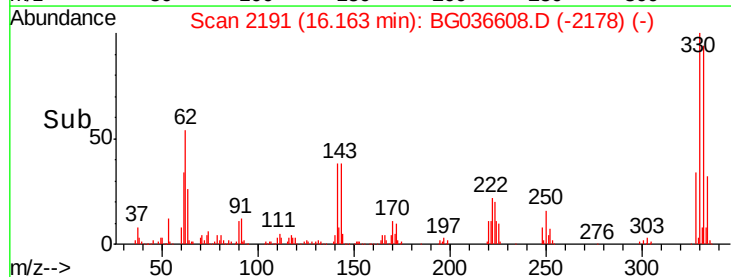
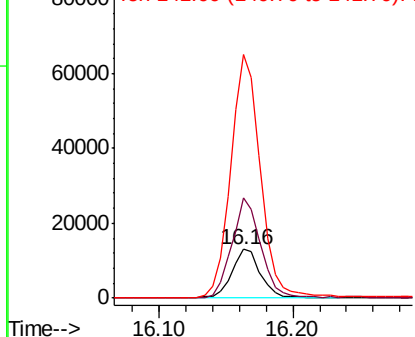


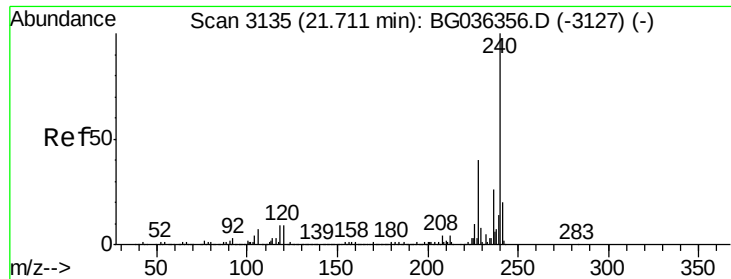
#66
 4-Bromophenyl-phenylether
 Concen: 3.649 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036608.D
 Acq: 7 Sep 2018 22:13

Tgt Ion:248 Resp: 19528
 Ion Ratio Lower Upper
 248 100
 250 203.6 78.1 117.1#
 141 497.4 53.7 80.5#



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: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036608.D

Acq: 7 Sep 2018 22:13

Instrument :

BNA_G

ClientSampleId :

PB112680BL

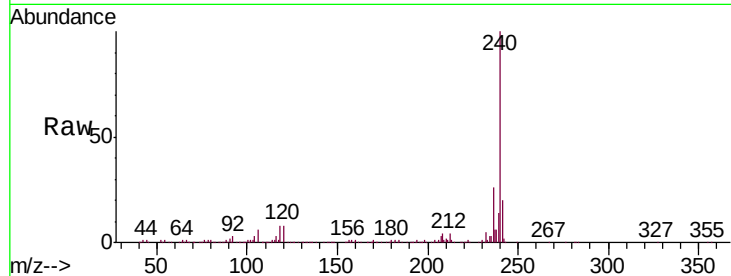
Tgt Ion:240 Resp: 470594

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

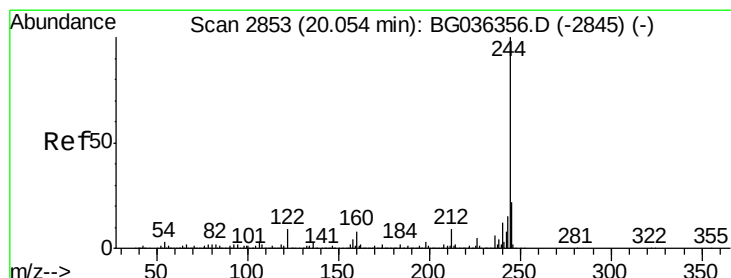
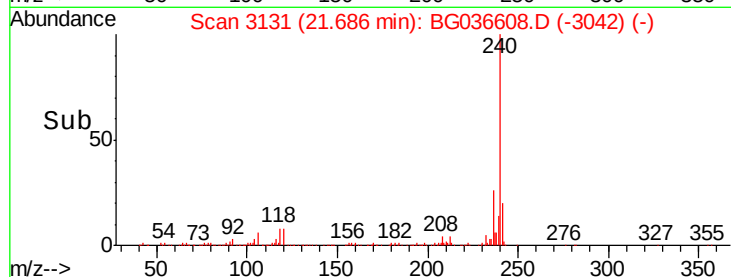
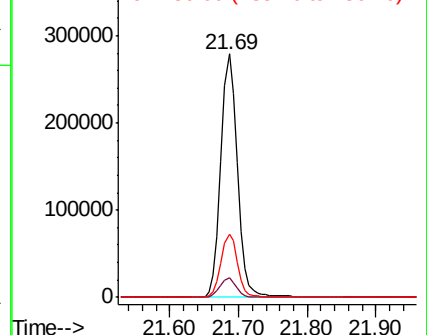
236 26.1 21.2 31.8



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: 80.825 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036608.D

Acq: 7 Sep 2018 22:13

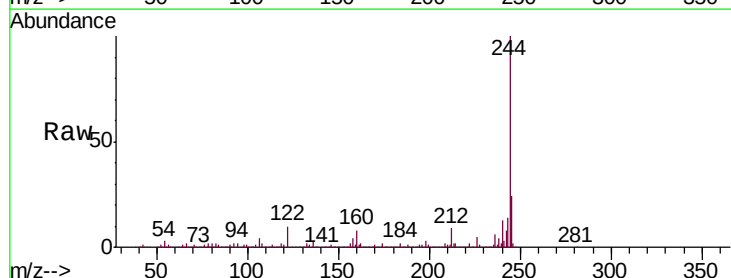
Tgt Ion:244 Resp: 1627303

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

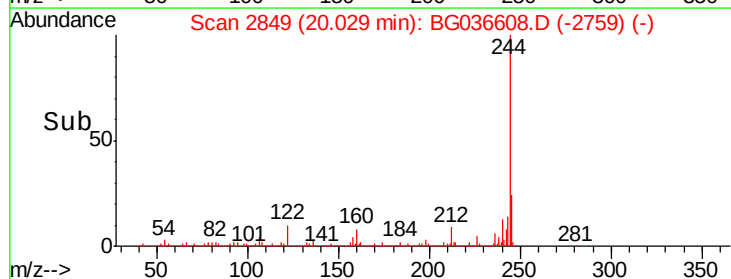
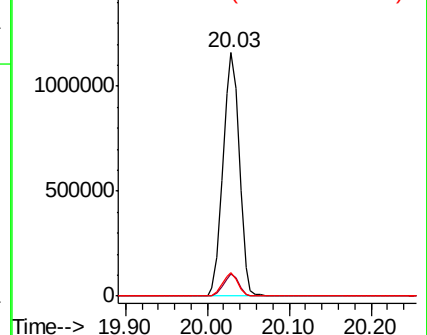
122 9.6 7.1 10.7

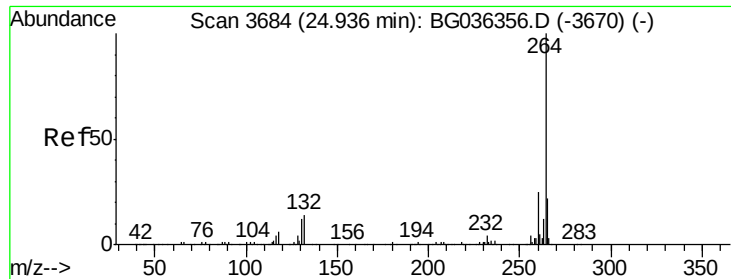


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036608.D
Acq: 7 Sep 2018 22:13

Instrument :
BNA_G
ClientSampleId :
PB112680BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	22.3	17.4	26.0

