

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036720.D
 Acq On : 15 Sep 2018 00:35
 Operator : JU/SJ
 Sample : J4892-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 02:12:38 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

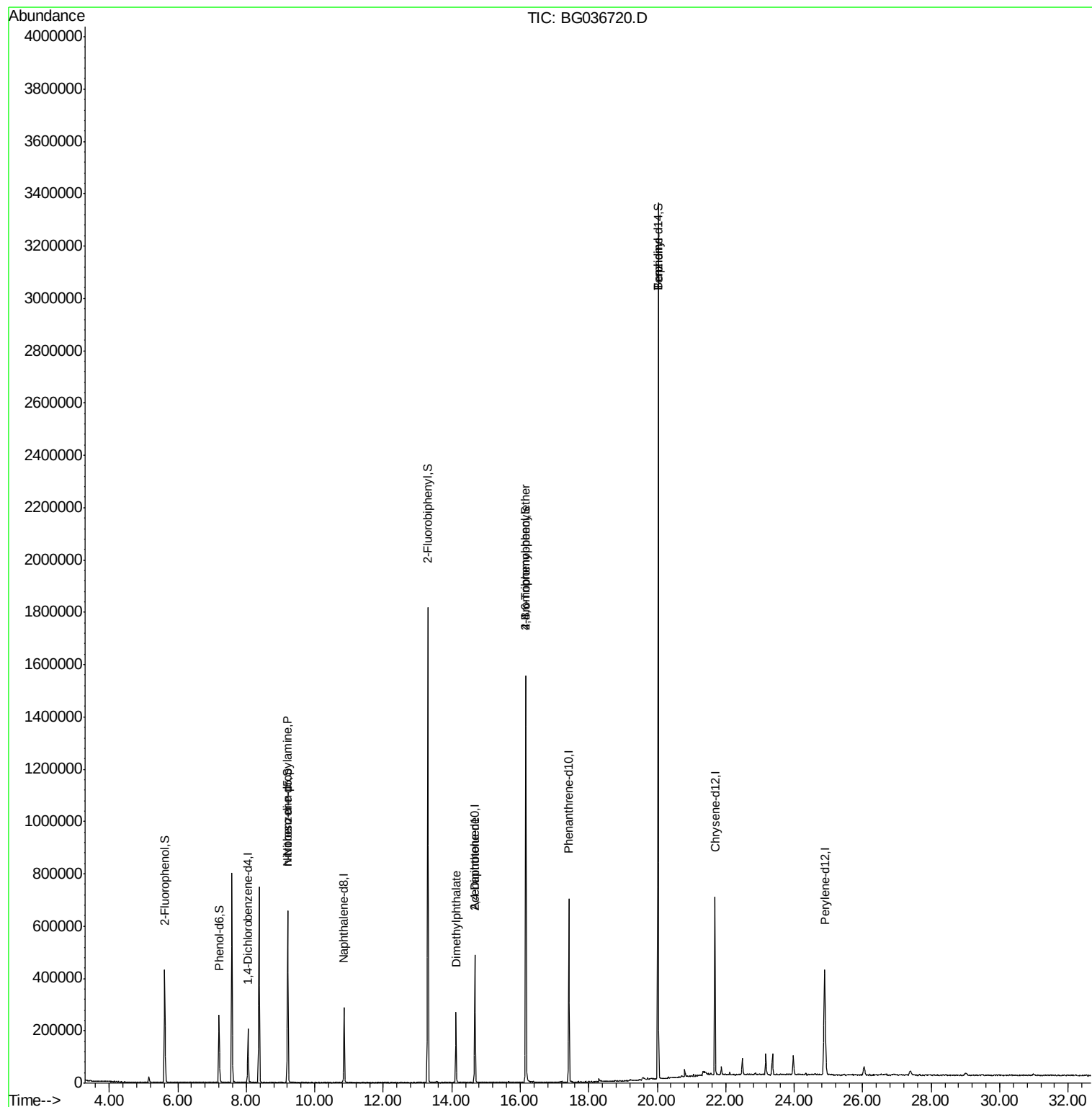
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57856	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	241833	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	162338	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	424668	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	420008	20.00	ng	-0.01
86) Perylene-d12	24.89	264	424310	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	179558	49.23	ng	0.00
7) Phenol-d6	7.21	99	153692	29.43	ng	-0.01
23) Nitrobenzene-d5	9.21	82	391067	87.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	293932	151.74	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	944890	83.11	ng	-0.01
78) Terphenyl-d14	20.03	244	1548184	86.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	52568	13.470	ng	# 72
49) Dimethylphthalate	14.12	163	179315	13.527	ng	100
56) 2,4-Dinitrotoluene	14.67	165	21911	6.163	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	21071	4.238	ng	# 1
76) Benzidine	20.03	184	27499	2.052	ng	# 91

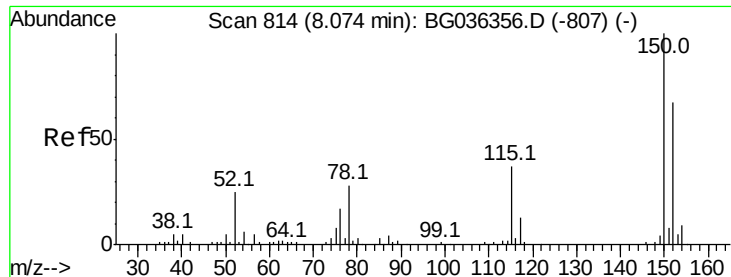
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036720.D
Acq On : 15 Sep 2018 00:35
Operator : JU/SJ
Sample : J4892-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 15 02:12:38 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



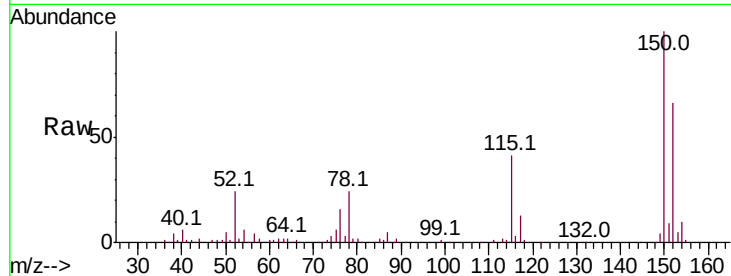


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036720.D
Acq: 15 Sep 2018 00:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	119.5	179.3
115	61.7	44.5	66.7

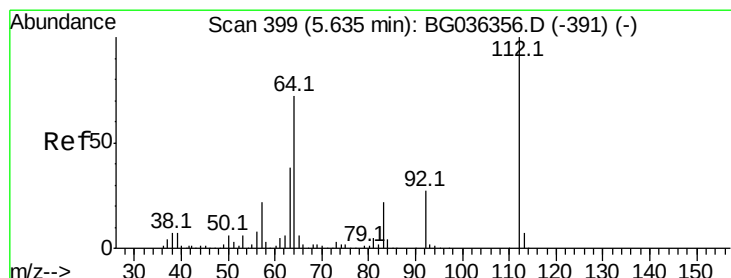
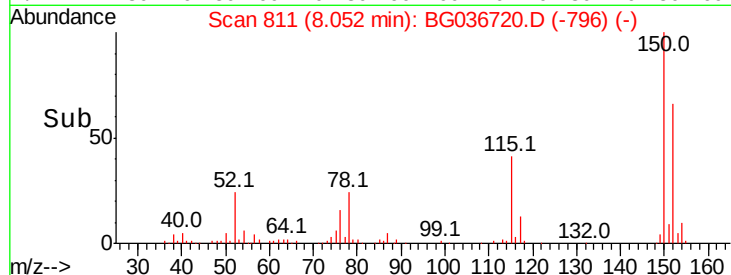
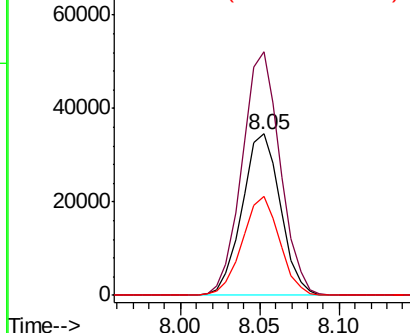


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

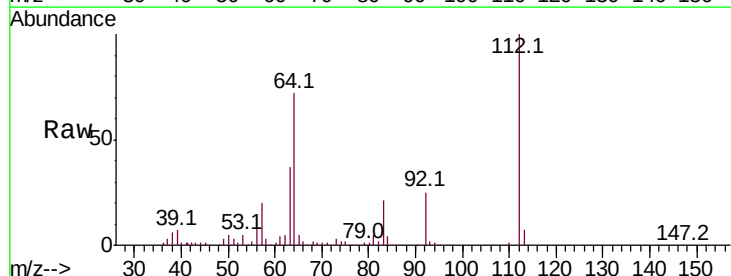
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.231 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036720.D
Acq: 15 Sep 2018 00:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	57.2	85.8
63	36.6	30.8	46.2

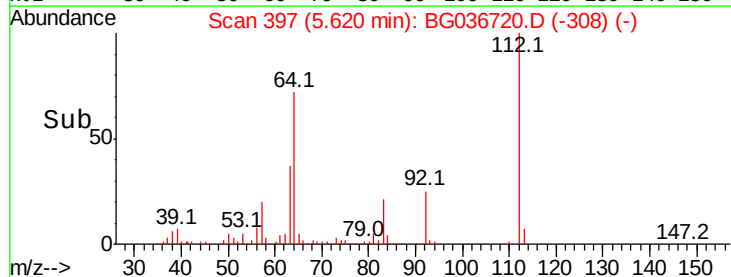
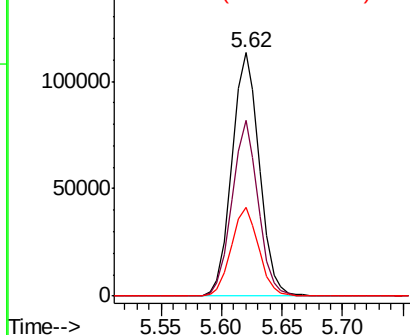


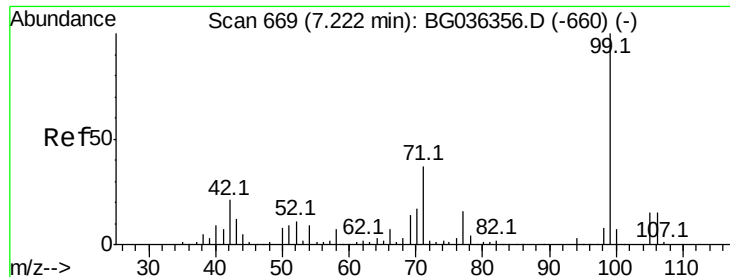
Abundance

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: 29.432 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036720.D

Acq: 15 Sep 2018 00:35

Instrument :

BNA_G

ClientSampled :

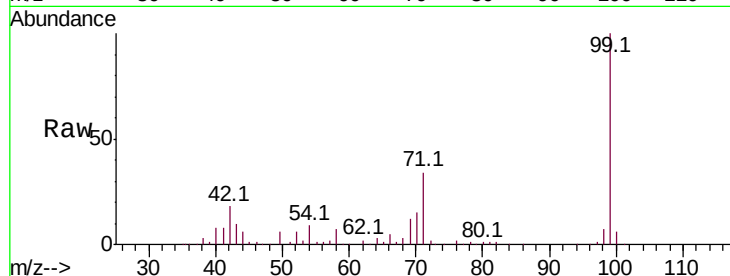
Tot Ion: 99 Resp: 153692

Ion Ratio Lower Upper

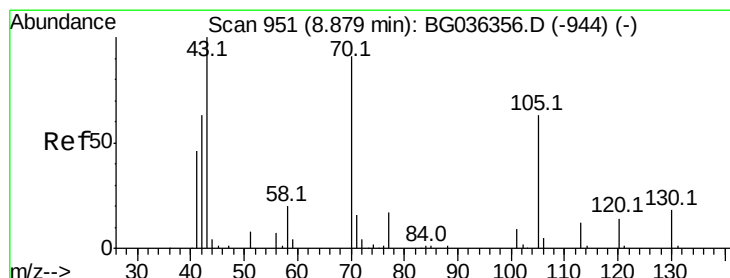
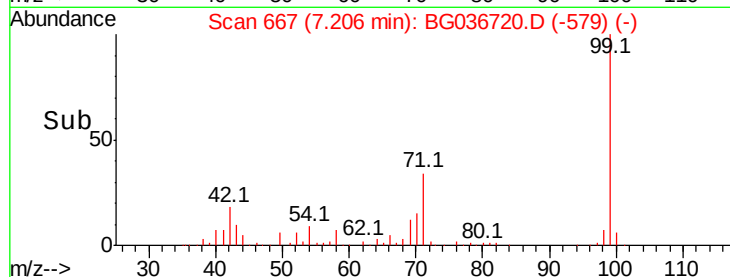
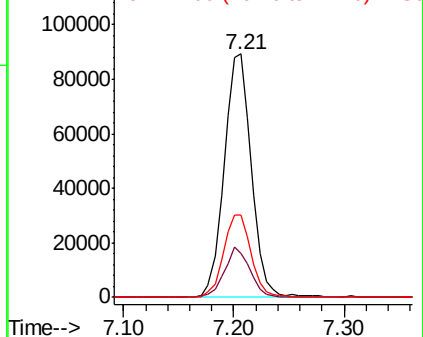
99 100

42 18.3 16.5 24.7

71 33.9 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: 13.470 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036720.D

Acq: 15 Sep 2018 00:35

Tgt Ion: 70 Resp: 52568

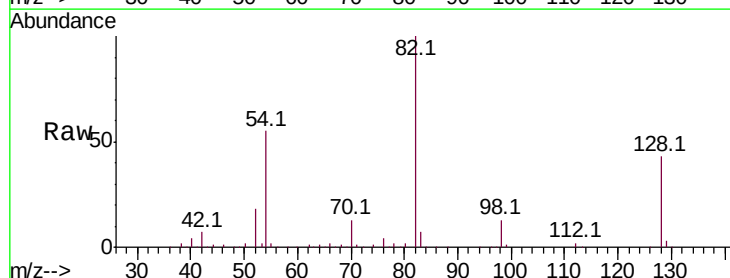
Ion Ratio Lower Upper

70 100

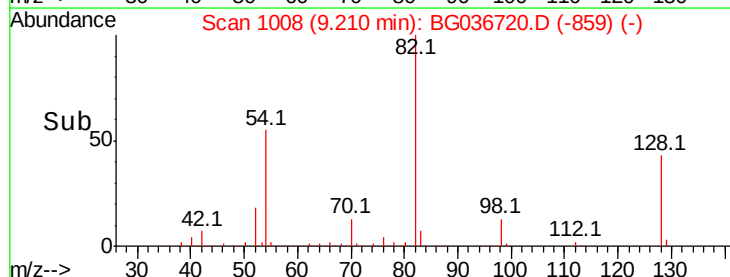
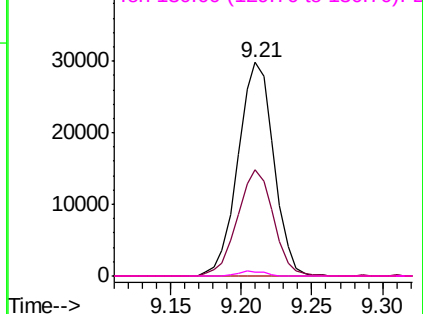
42 50.0 56.2 84.4#

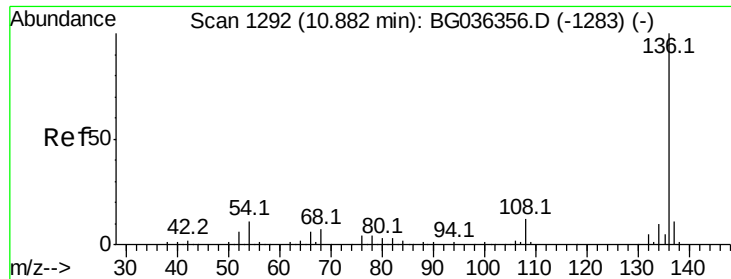
101 0.0 7.8 11.6#

130 1.6 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

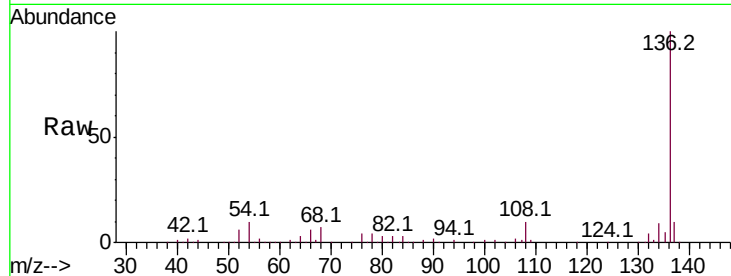




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036720.D
Acq: 15 Sep 2018 00:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	241833
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	9.6	9.2	13.8
68	6.7	5.8	8.6



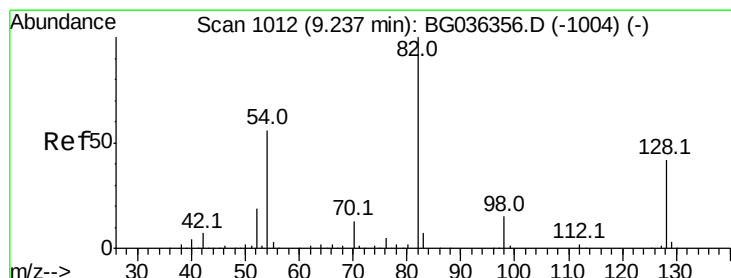
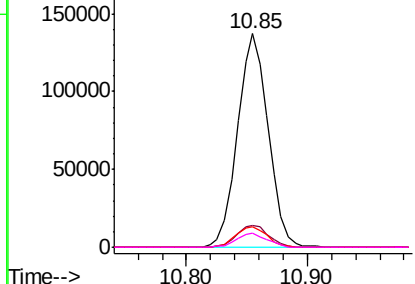
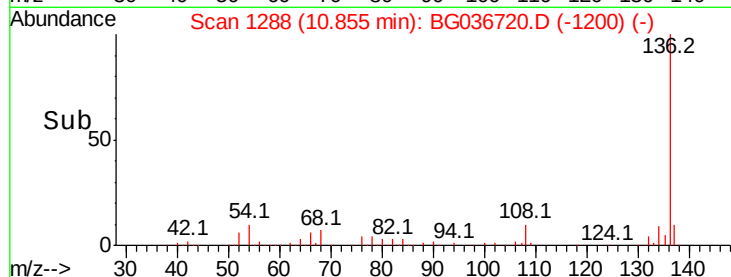
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

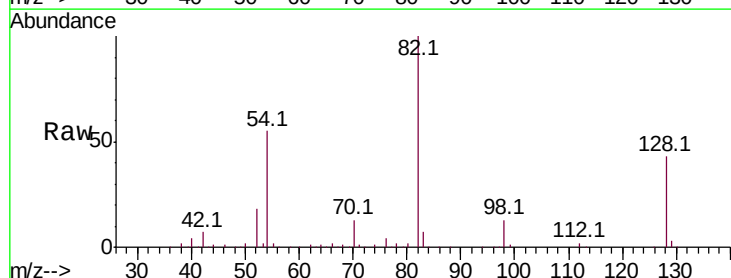
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 87.738 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036720.D
Acq: 15 Sep 2018 00:35

Tgt Ion:	82	Resp:	391067
Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.3	49.9
54	55.5	45.1	67.7

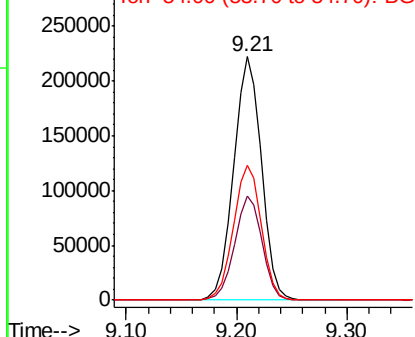
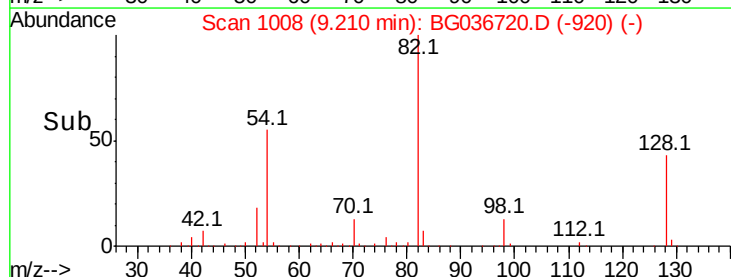


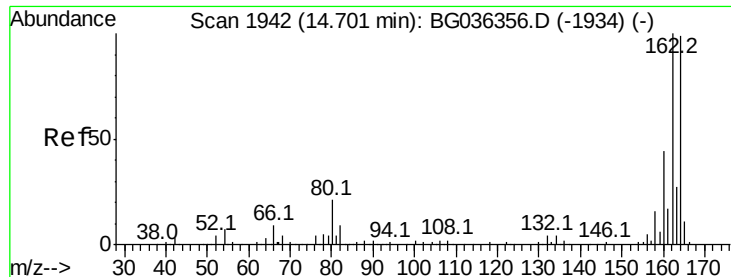
Abundance

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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036720.D

Acq: 15 Sep 2018 00:35

Instrument :

BNA_G

ClientSampleId :

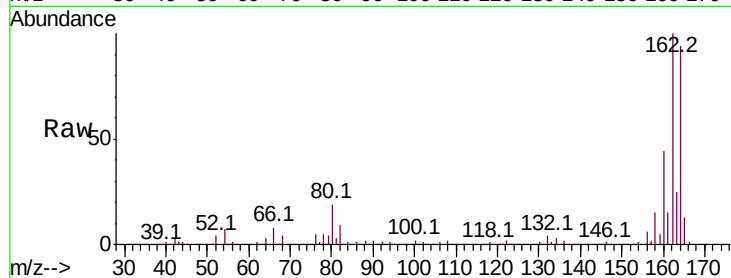
Tot Ion:164 Resp: 162338

Ion Ratio Lower Upper

164 100

162 106.7 80.7 121.1

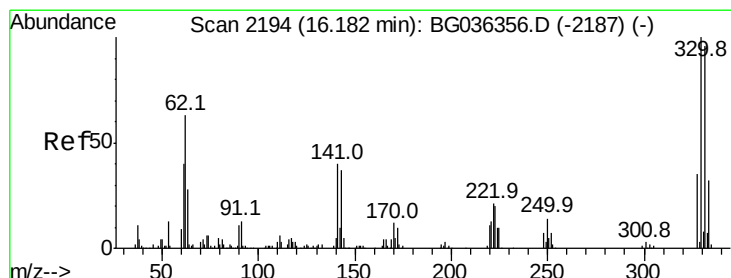
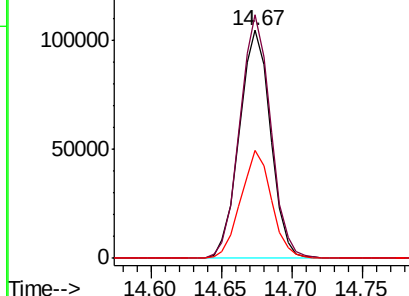
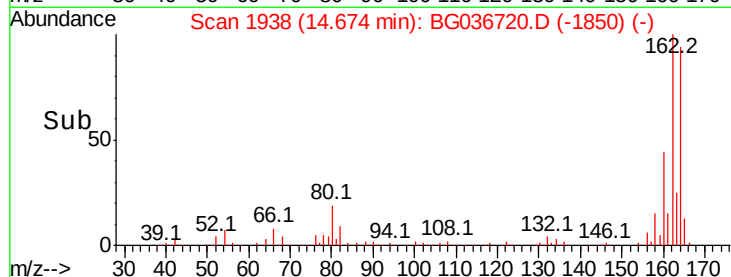
160 47.5 35.3 52.9



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: 151.742 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036720.D

Acq: 15 Sep 2018 00:35

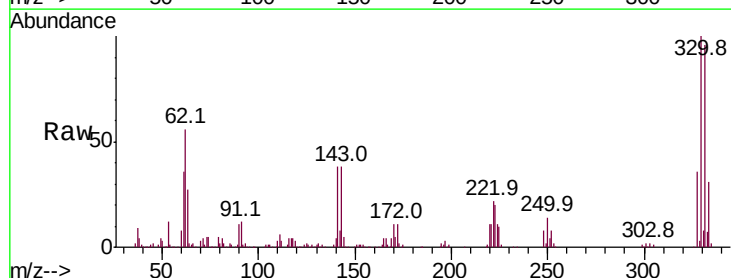
Tgt Ion:330 Resp: 293932

Ion Ratio Lower Upper

330 100

332 96.3 75.4 113.2

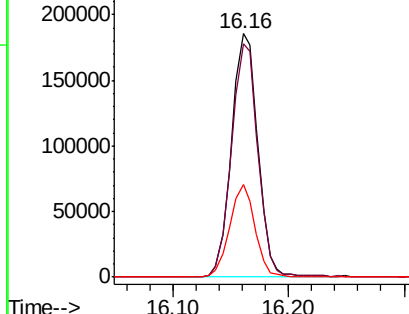
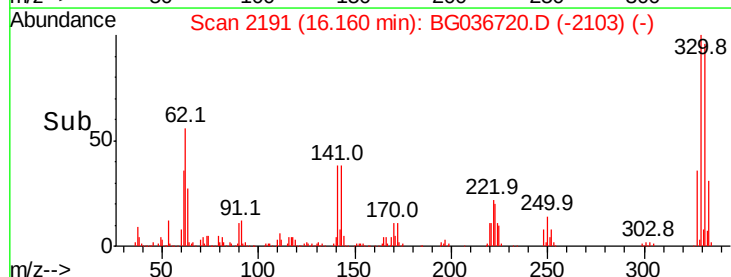
141 36.6 30.7 46.1

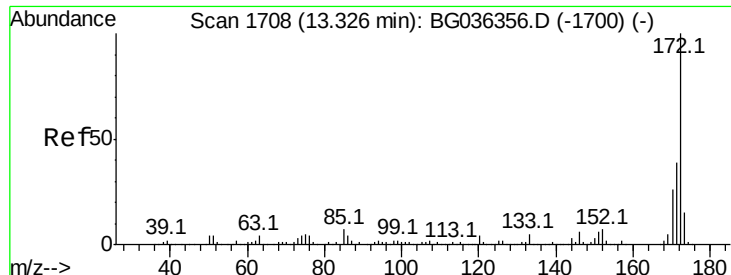


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

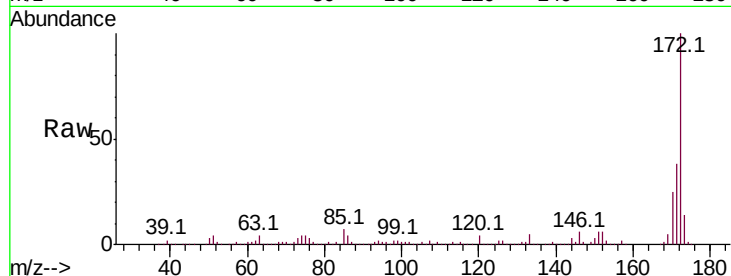




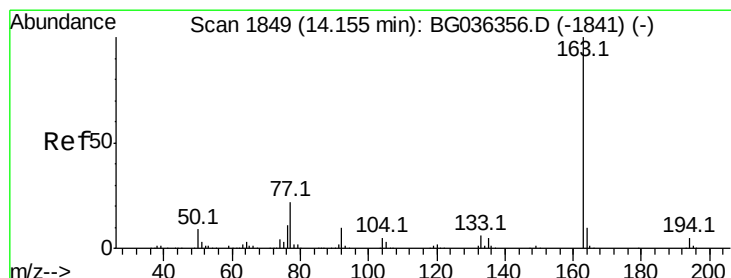
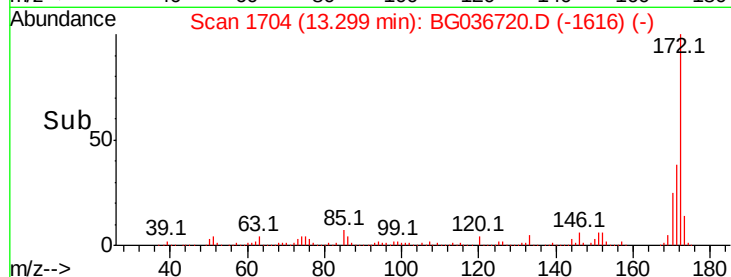
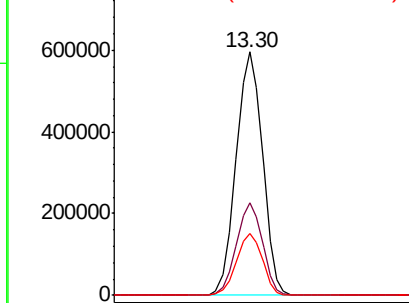
#44
2-Fluorobiphenyl
Concen: 83.106 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036720.D
Acq: 15 Sep 2018 00:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 944890
Ion Ratio Lower Upper
172 100
171 38.2 31.3 46.9
170 25.2 21.0 31.6

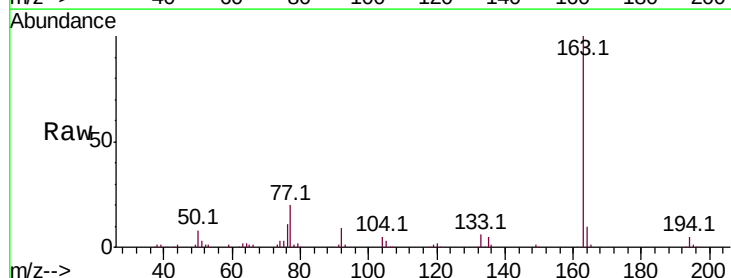


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

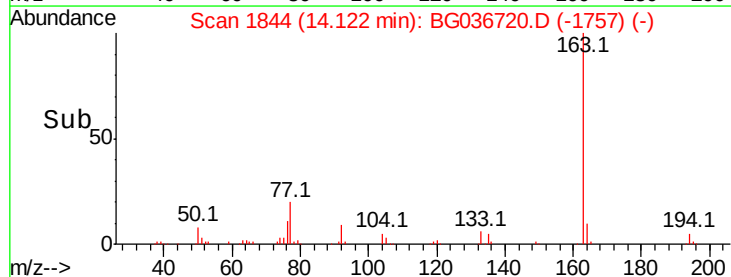
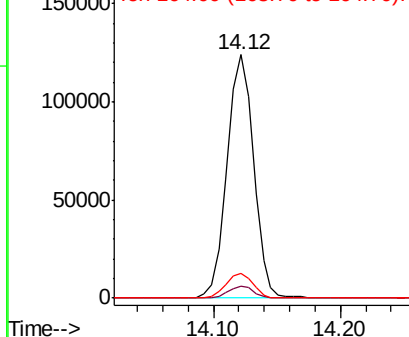


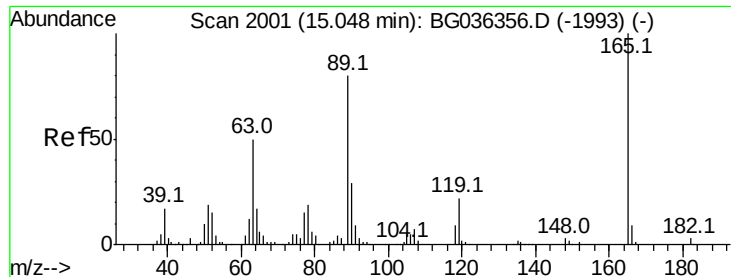
#49
Dimethylphthalate
Concen: 13.527 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036720.D
Acq: 15 Sep 2018 00:35

Tgt Ion:163 Resp: 179315
Ion Ratio Lower Upper
163 100
194 5.0 4.0 6.0
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.163 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.36 min

Lab File: BG036720.D

Acq: 15 Sep 2018 00:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 21911

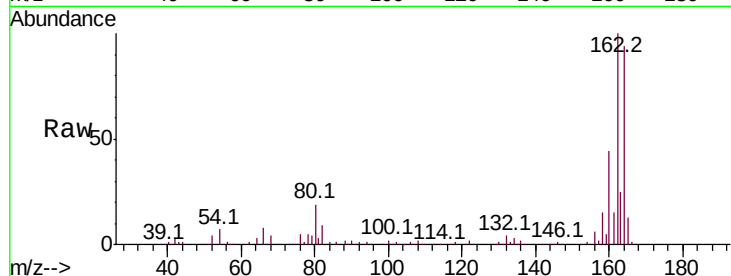
Ion Ratio Lower Upper

165 100

63 0.0 40.1 60.1#

89 2.5 63.7 95.5#

182 0.0 2.5 3.7#

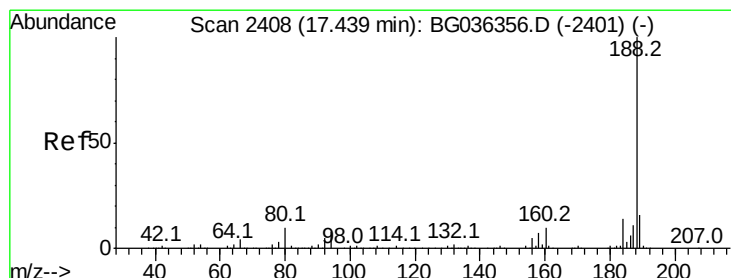
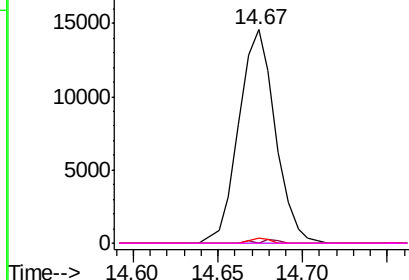
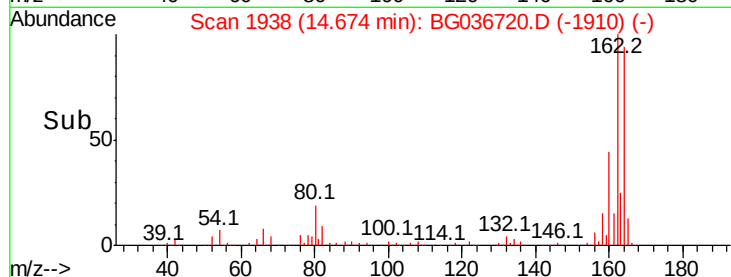


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG036720.D

Acq: 15 Sep 2018 00:35

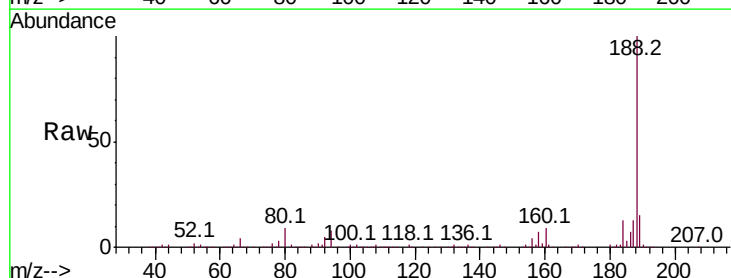
Tgt Ion:188 Resp: 424668

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

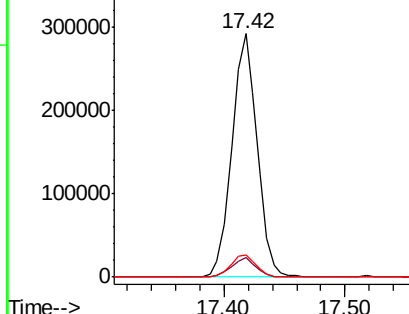
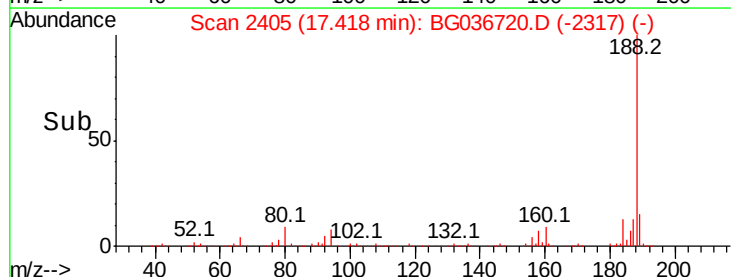
80 8.9 8.1 12.1

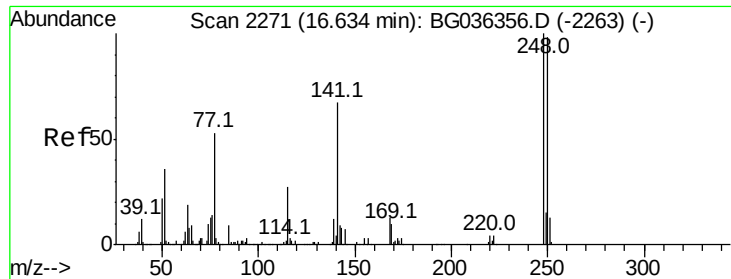


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

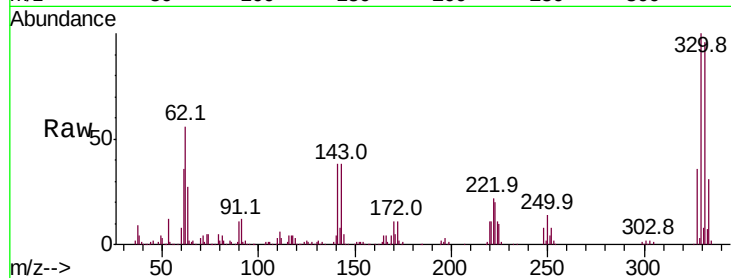




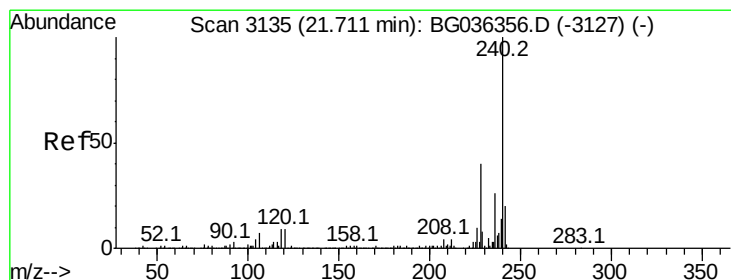
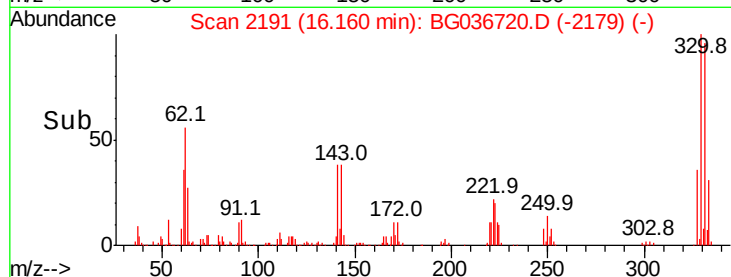
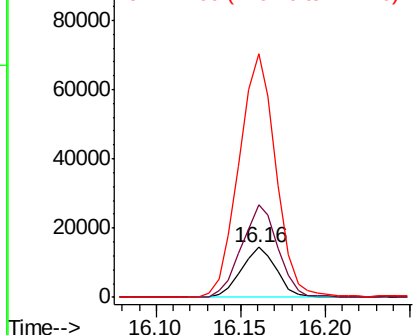
#66
4-Bromophenyl-phenylether
Concen: 4.238 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036720.D
Acq: 15 Sep 2018 00:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 21071
Ion Ratio Lower Upper
248 100
250 185.6 78.1 117.1#
141 488.3 53.7 80.5#

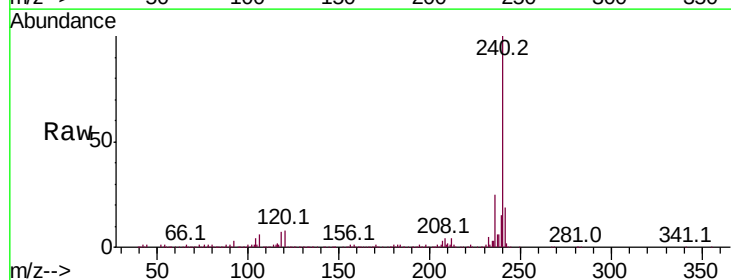


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

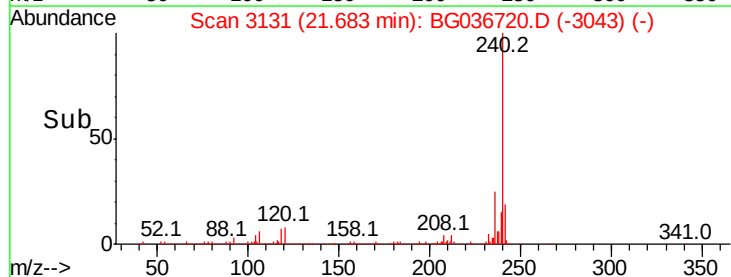
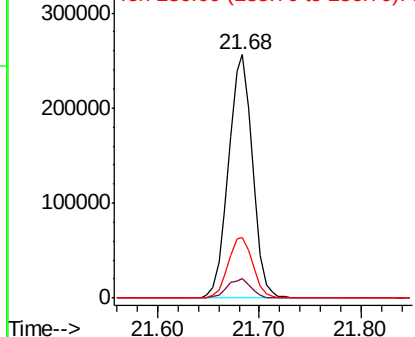


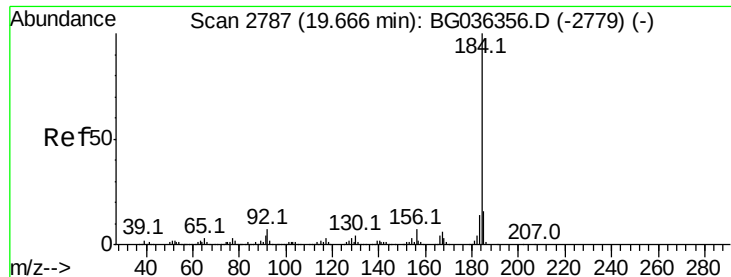
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036720.D
Acq: 15 Sep 2018 00:35

Tgt Ion:240 Resp: 420008
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 24.8 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





#76

Benzidine

Concen: 2.052 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036720.D

Acq: 15 Sep 2018 00:35

Instrument :

BNA_G

ClientSampleId :

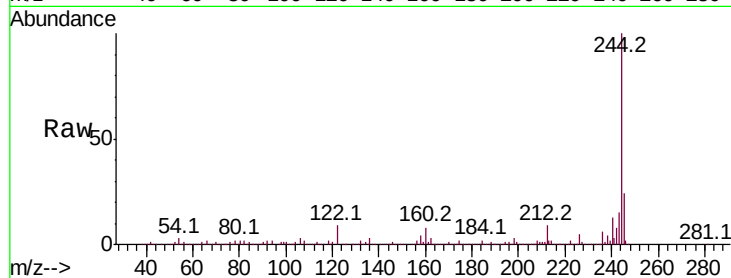
Tot Ion:184 Resp: 27499

Ion Ratio Lower Upper

184 100

185 18.0 12.6 18.8

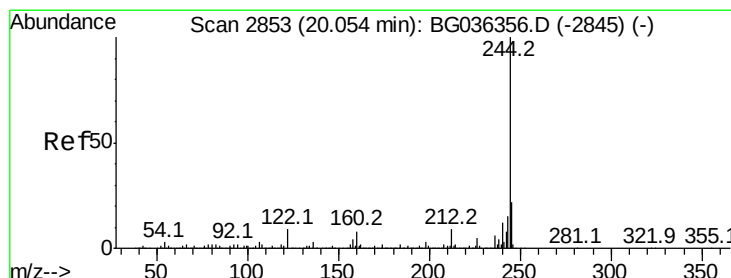
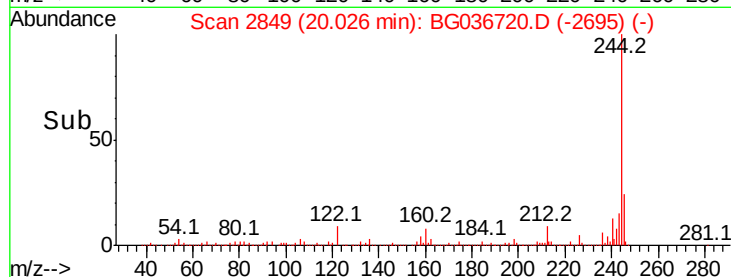
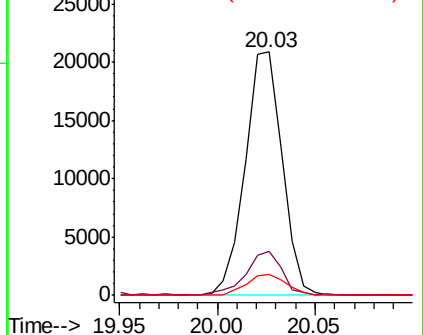
183 8.6 10.9 16.3#



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: 86.156 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036720.D

Acq: 15 Sep 2018 00:35

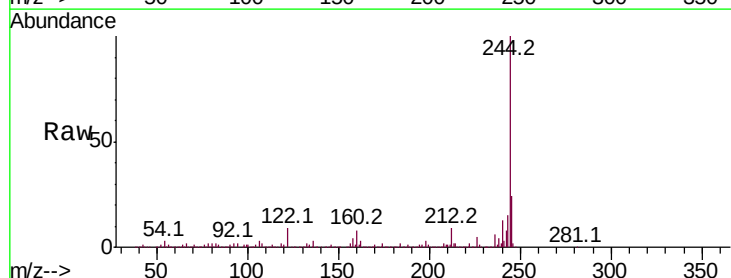
Tgt Ion:244 Resp: 1548184

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

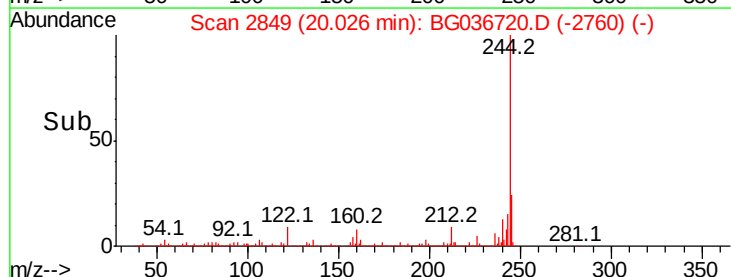
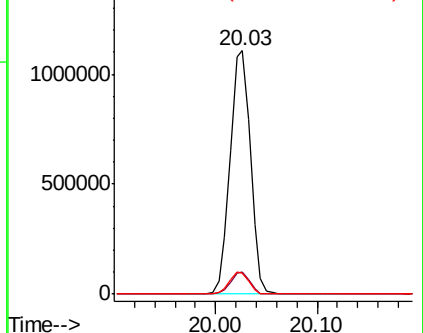
122 8.8 7.1 10.7

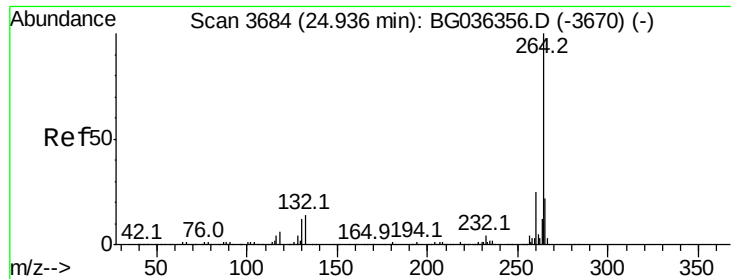


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036720.D
Acq: 15 Sep 2018 00:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.6	29.4
265	21.1	17.4	26.0

