

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036190.D
 Acq On : 8 Aug 2018 10:05
 Operator : JU/SJ
 Sample : J4297-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 08 10:57:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

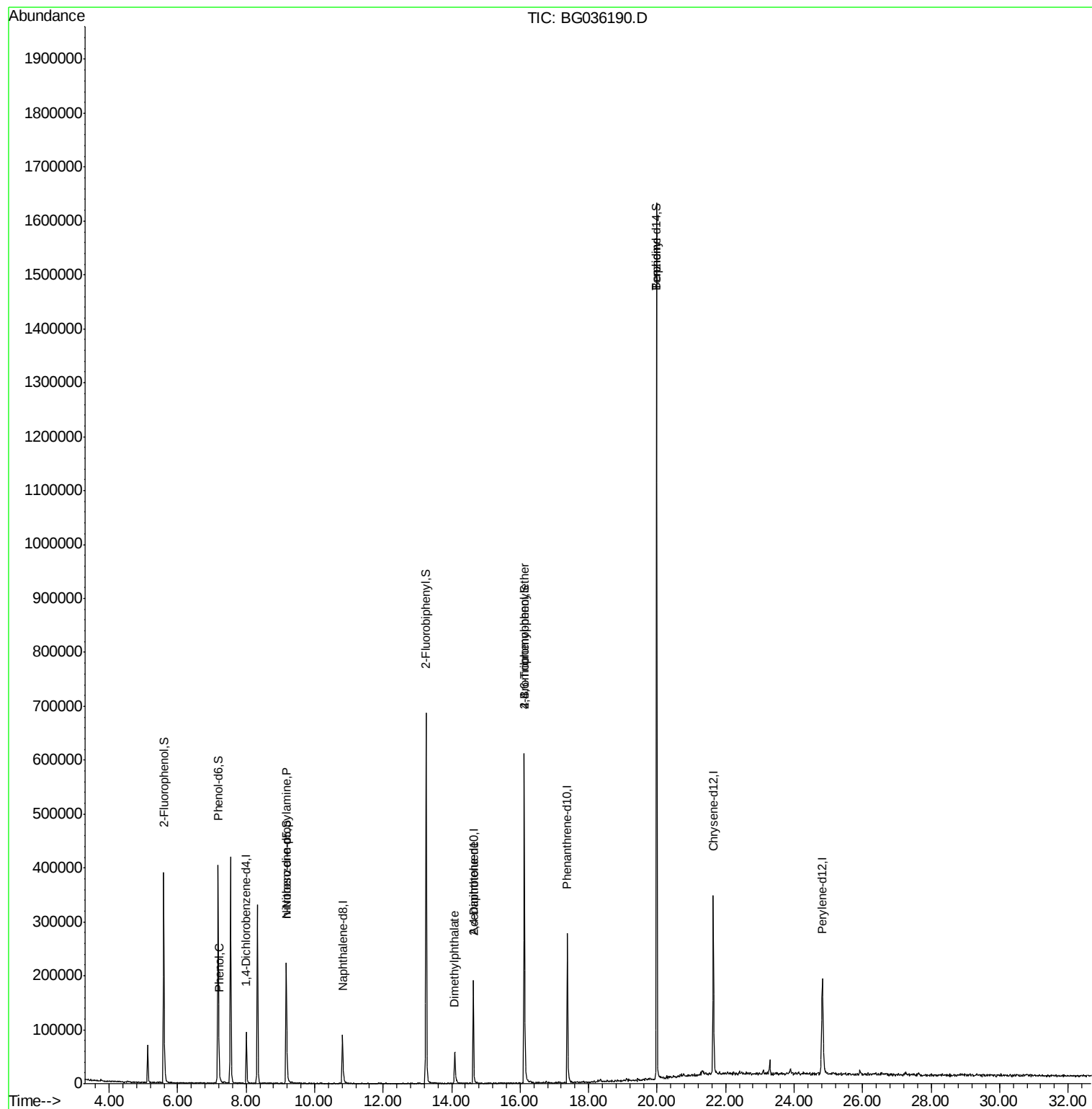
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28904	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	98714	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	68126	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	200892	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	228794	20.00	ng	-0.02
86) Perylene-d12	24.83	264	221348	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	180426	103.64	ng	-0.01
7) Phenol-d6	7.18	99	260816	100.41	ng	-0.02
23) Nitrobenzene-d5	9.17	82	173851	73.57	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	125961	140.28	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	402036	79.06	ng	-0.02
78) Terphenyl-d14	19.99	244	814654	78.49	ng	-0.02
Target Compounds						
10) Phenol	7.21	94	6112	2.329	ng	# 49
19) n-Nitroso-di-n-propylamine	9.17	70	24790	11.334	ng	# 68
49) Dimethylphthalate	14.09	163	58772	9.846	ng	# 96
56) 2,4-Dinitrotoluene	14.64	165	9602	5.506	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	9755	4.185	ng	# 1
76) Benzidine	19.99	184	14463	2.404	ng	# 87

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

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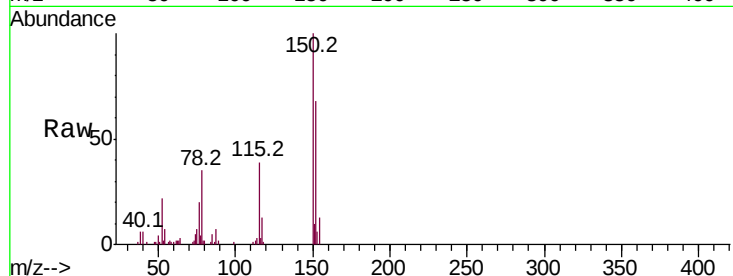


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036190.D
Acq: 8 Aug 2018 10:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.0	126.6	189.8
115	57.3	53.0	79.4

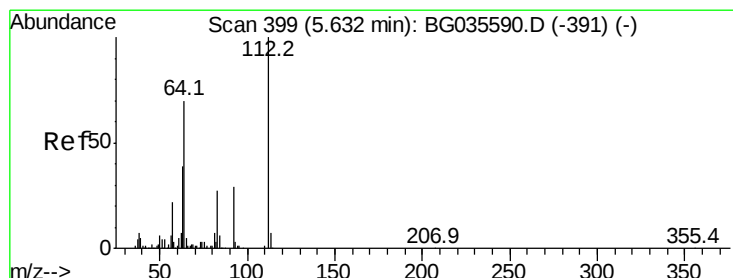
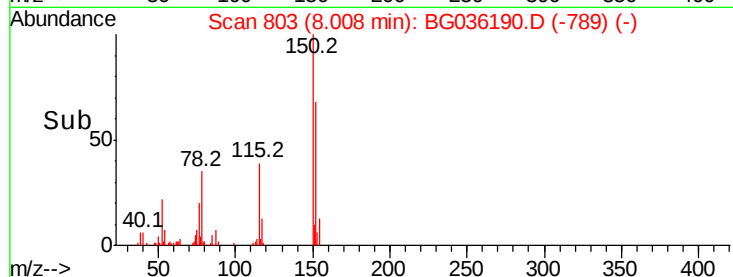
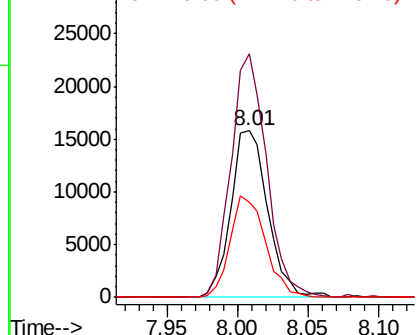


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

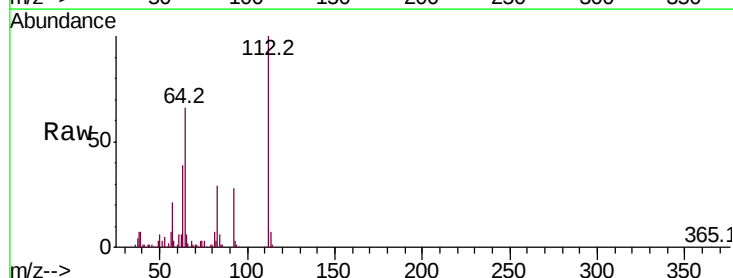
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.636 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036190.D
Acq: 8 Aug 2018 10:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	56.3	84.5
63	38.7	30.1	45.1

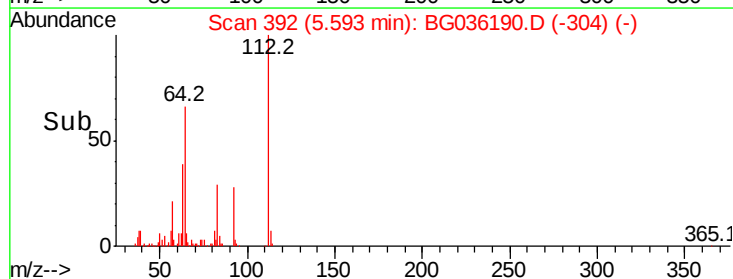
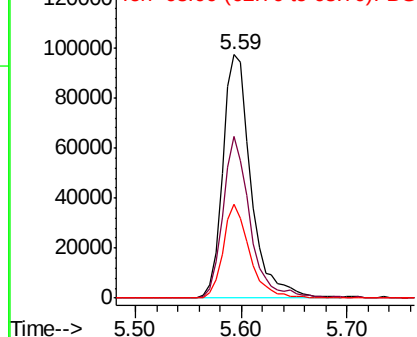


Abundance

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: 100.411 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036190.D

Acq: 8 Aug 2018 10:05

Instrument :

BNA_G

ClientSampleId :

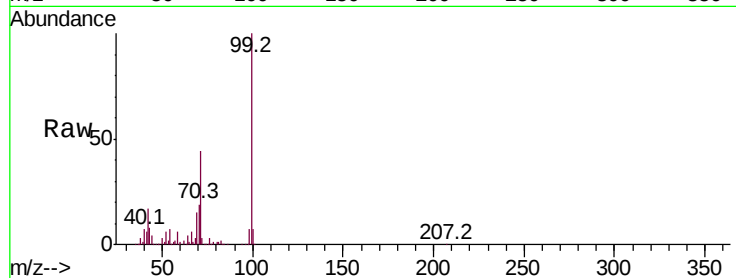
Tot Ion: 99 Resp: 260816

Ion Ratio Lower Upper

99 100

42 17.5 14.1 21.1

71 44.2 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

150000

100000

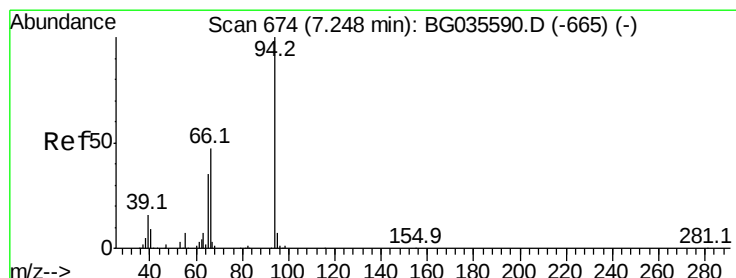
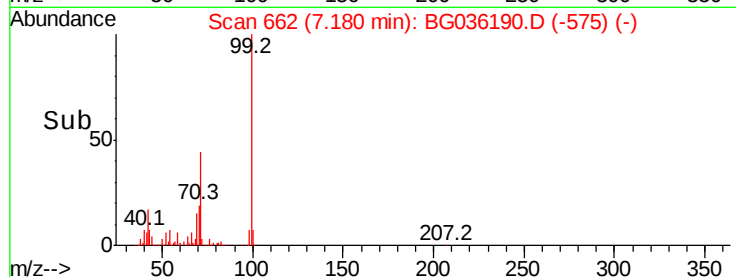
50000

0

7.18

7.10 7.20 7.30

Time-->



#10

Phenol

Concen: 2.329 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036190.D

Acq: 8 Aug 2018 10:05

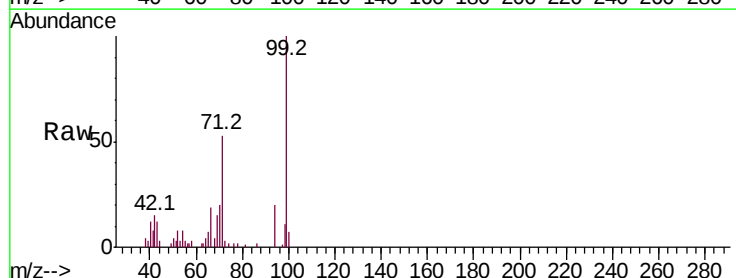
Tgt Ion: 94 Resp: 6112

Ion Ratio Lower Upper

94 100

65 35.4 11.9 51.9

66 95.9 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

10000

8000

6000

4000

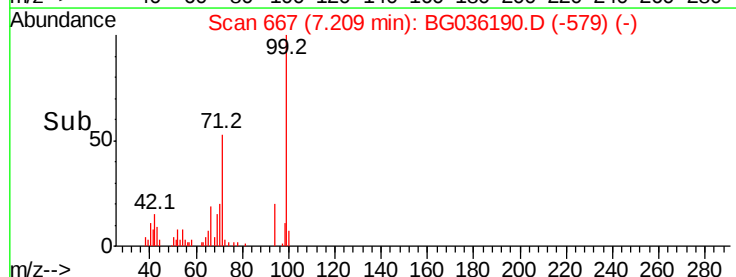
2000

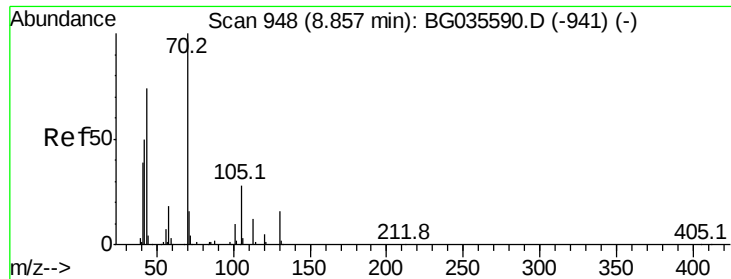
0

7.21

7.10 7.15 7.20 7.25 7.30

Time-->

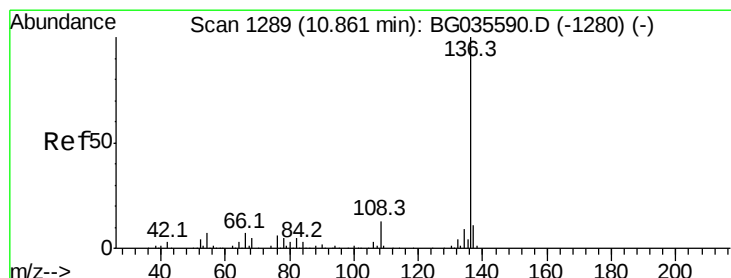
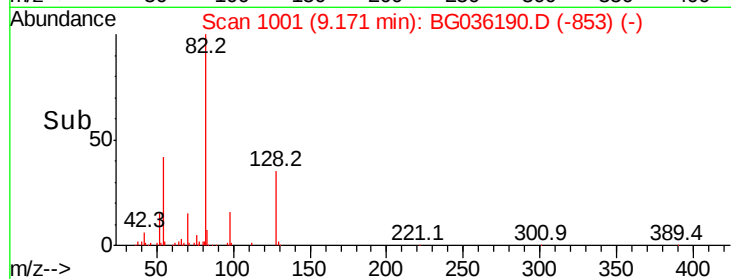
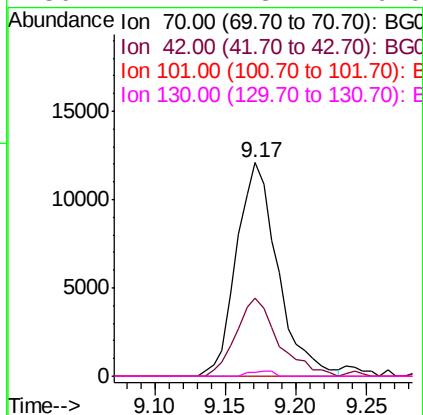
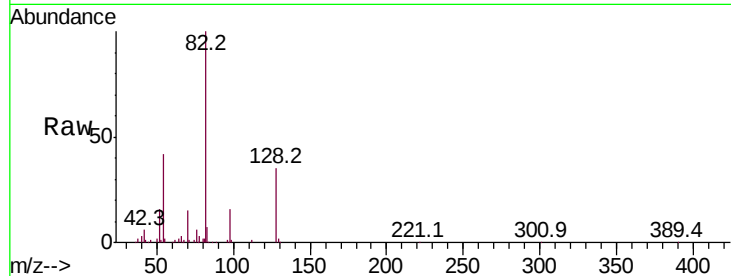




#19
n-Nitroso-di-n-propylamine
Concen: 11.334 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036190.D
Acq: 8 Aug 2018 10:05

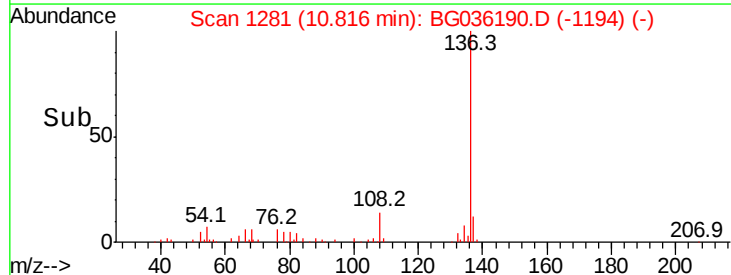
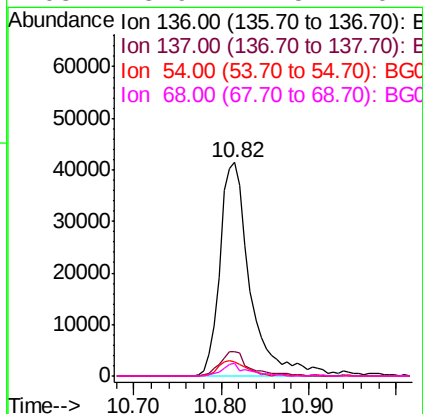
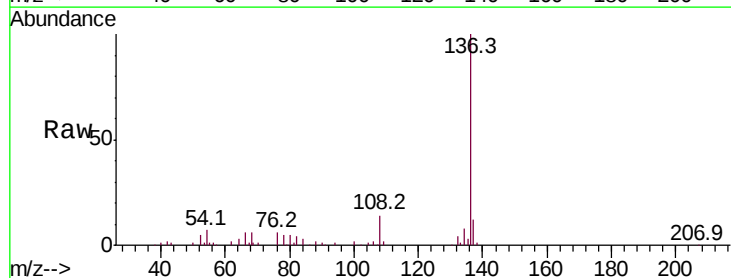
Instrument :
BNA_G
ClientSampleId :

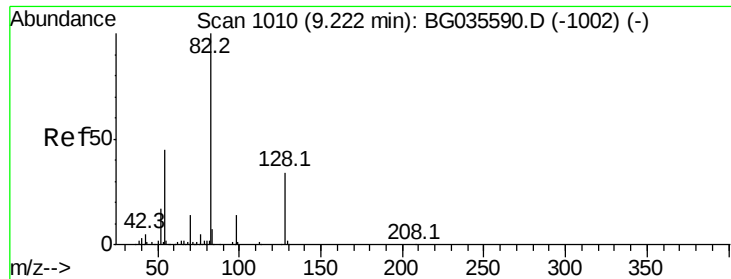
Tot Ion: 70 Resp: 24790
Ion Ratio Lower Upper
70 100
42 36.7 49.1 73.7#
101 0.0 8.5 12.7#
130 2.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036190.D
Acq: 8 Aug 2018 10:05

Tgt Ion:136 Resp: 98714
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 6.6 10.3 15.5#
68 5.9 4.5 6.7

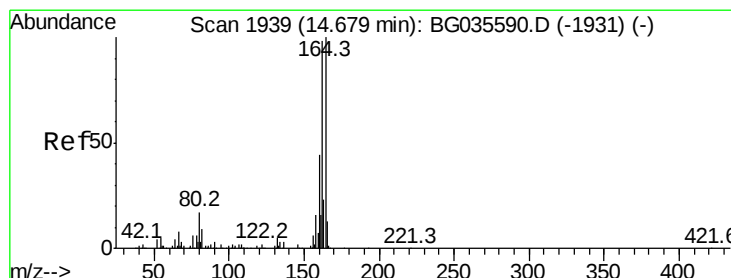
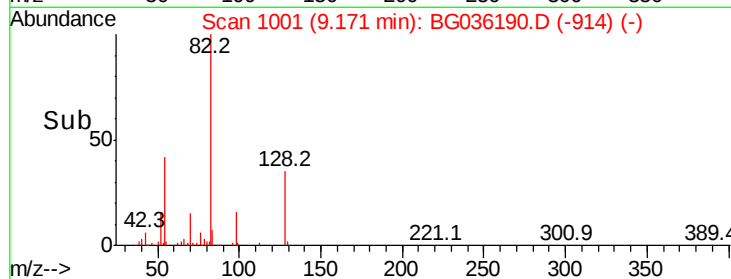
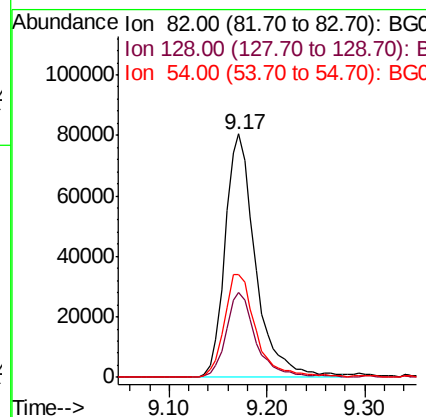
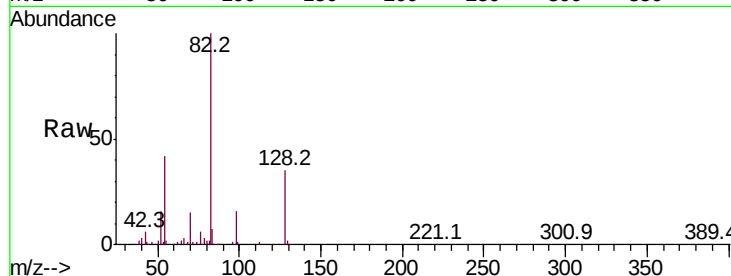




#23
Nitrobenzene-d5
Concen: 73.572 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036190.D
Acq: 8 Aug 2018 10:05

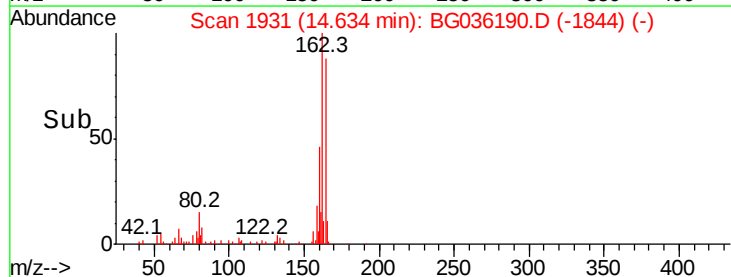
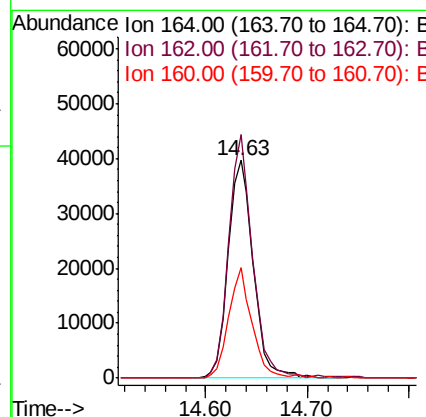
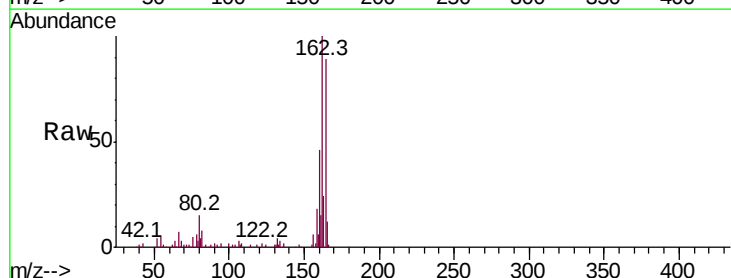
Instrument :
BNA_G
ClientSampleId :

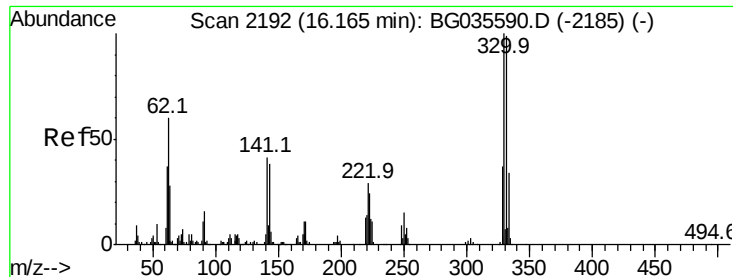
Tot Ion: 82 Resp: 173851
Ion Ratio Lower Upper
82 100
128 35.0 29.7 44.5
54 42.2 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036190.D
Acq: 8 Aug 2018 10:05

Tgt Ion:164 Resp: 68126
Ion Ratio Lower Upper
164 100
162 111.9 78.8 118.2
160 51.0 35.4 53.0

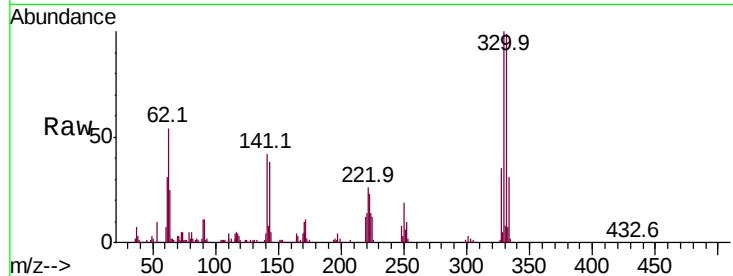




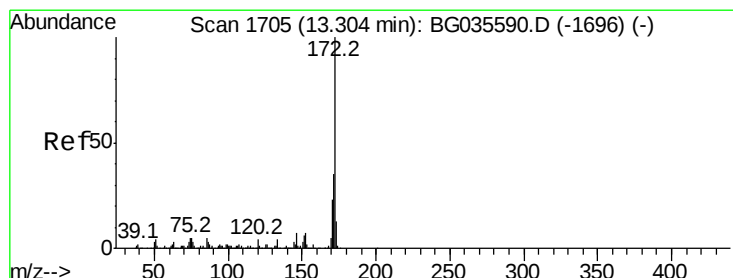
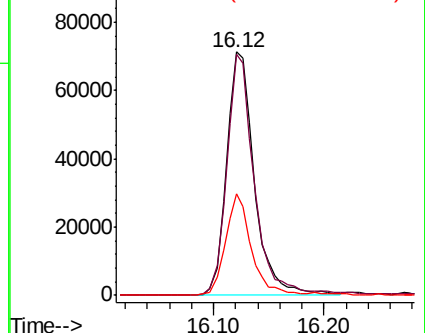
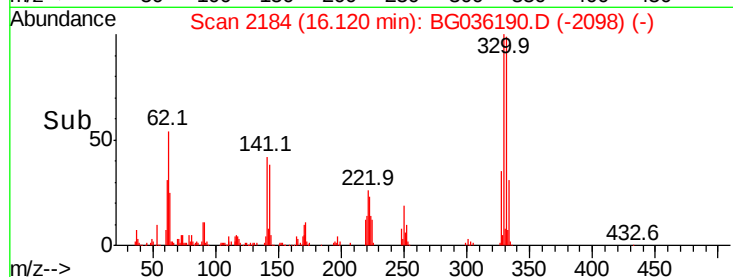
#41
2,4,6-Tribromophenol
Concen: 140.277 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BG036190.D
Acq: 8 Aug 2018 10:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:330 Resp: 125961
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 39.1 25.2 37.8#

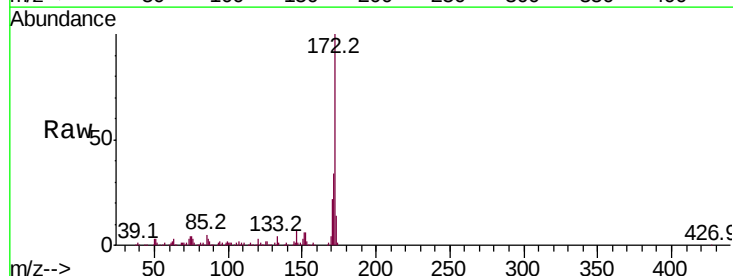


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

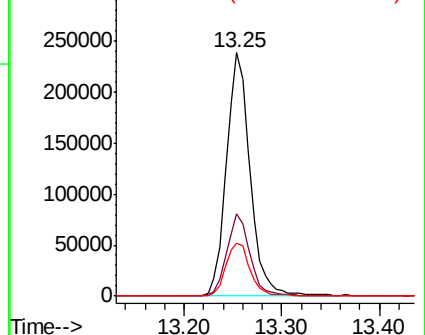
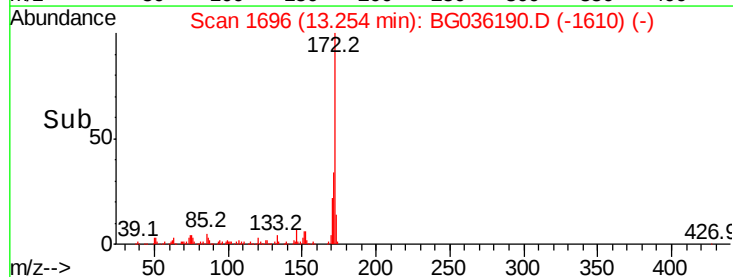


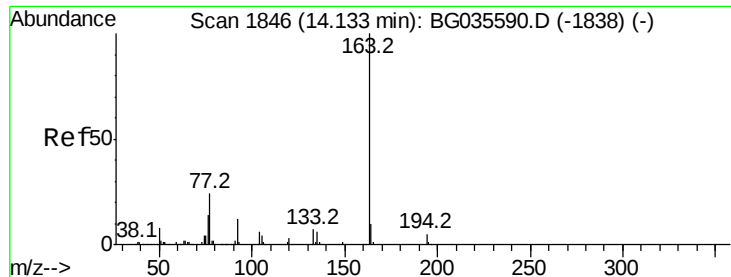
#44
2-Fluorobiphenyl
Concen: 79.063 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036190.D
Acq: 8 Aug 2018 10:05

Tgt Ion:172 Resp: 402036
Ion Ratio Lower Upper
172 100
171 33.7 30.0 45.0
170 21.9 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





#49

Dimethylphthalate

Concen: 9.846 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BG036190.D

Acq: 8 Aug 2018 10:05

Instrument :

BNA_G

ClientSampleId :

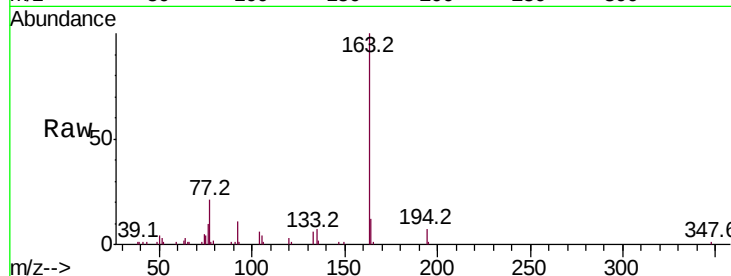
Tot Ion:163 Resp: 58772

Ion Ratio Lower Upper

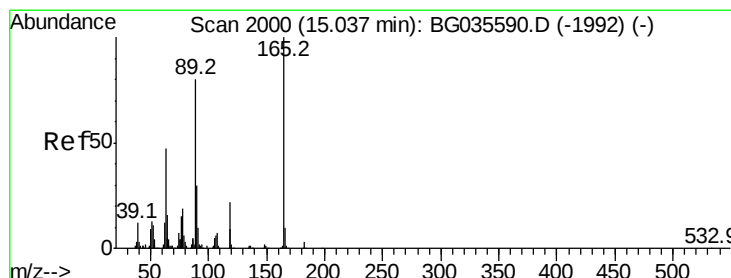
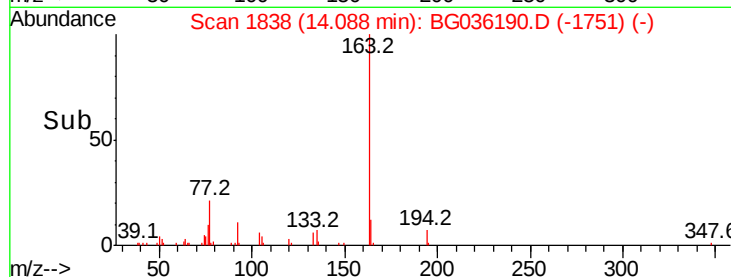
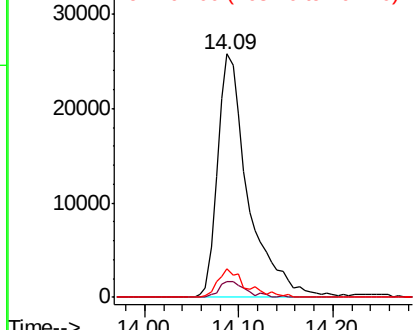
163 100

194 6.5 3.4 5.2#

164 11.6 8.2 12.4



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: 5.506 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.37 min

Lab File: BG036190.D

Acq: 8 Aug 2018 10:05

Tgt Ion:165 Resp: 9602

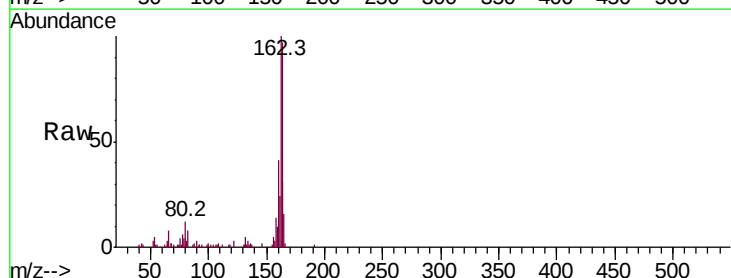
Ion Ratio Lower Upper

165 100

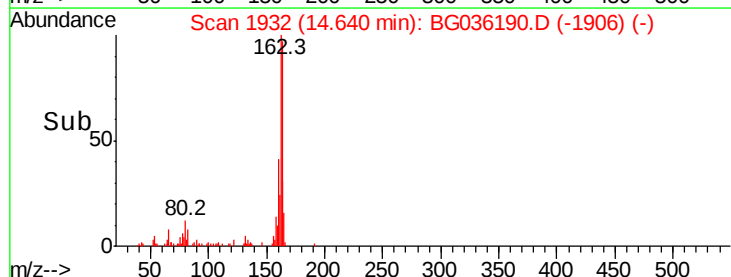
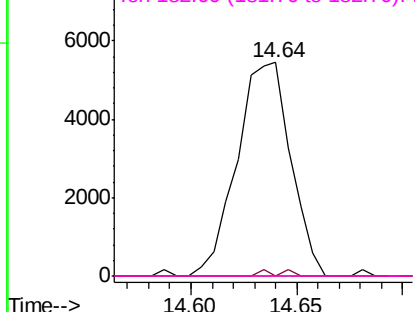
63 0.0 42.0 63.0#

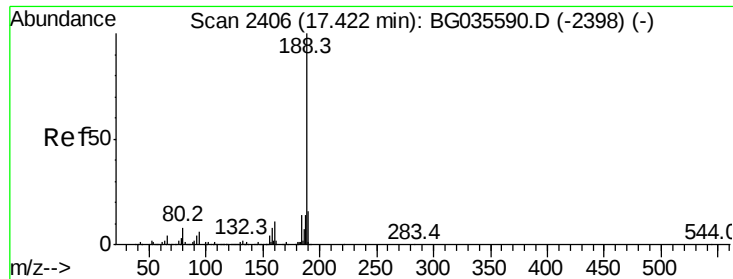
89 0.0 66.9 100.3#

182 0.0 2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E
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

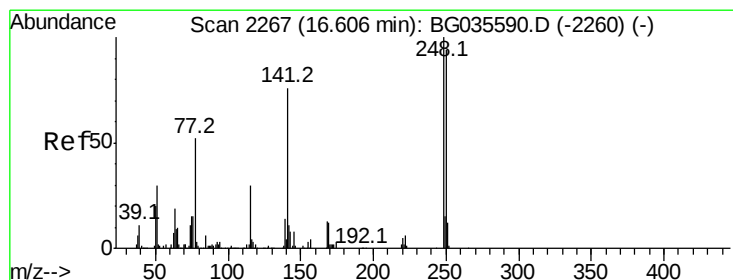
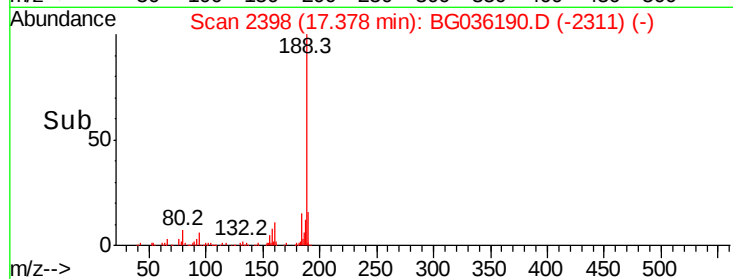
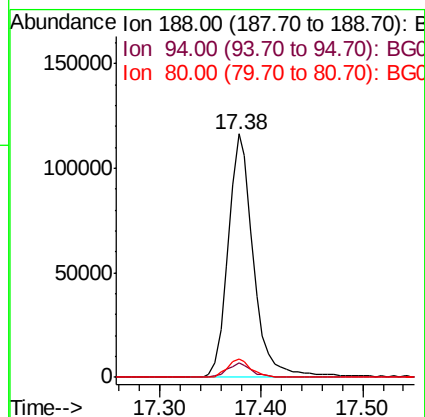
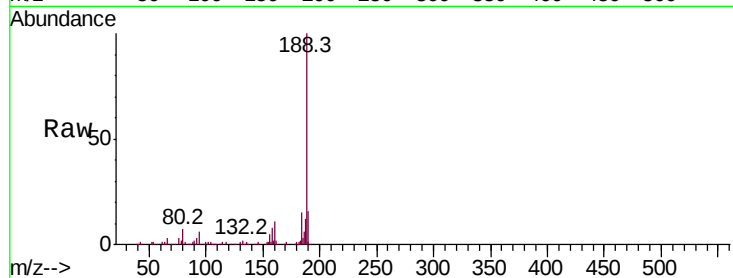




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036190.D
Acq: 8 Aug 2018 10:05

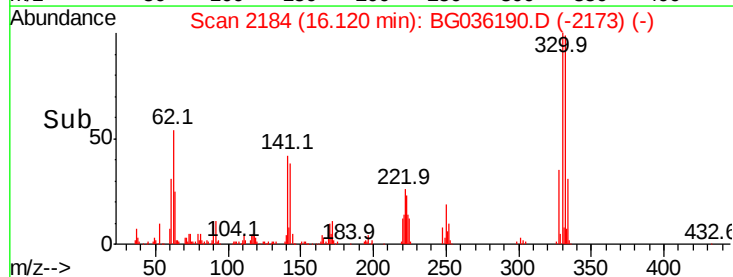
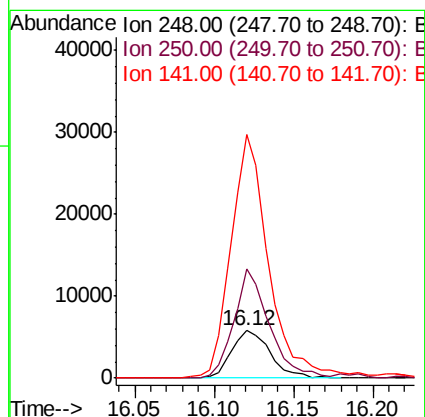
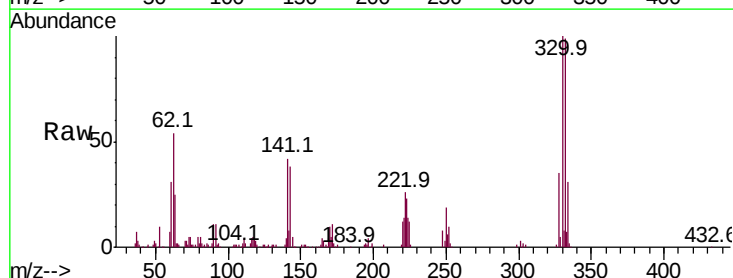
Instrument :
BNA_G
ClientSampleId :

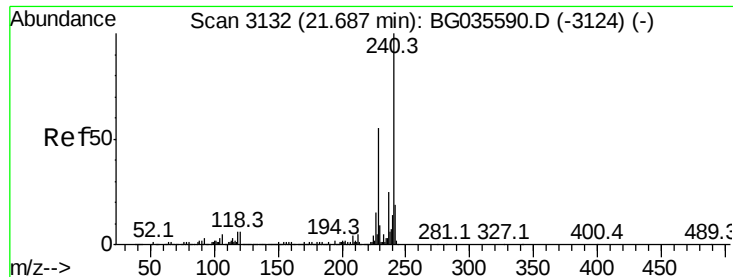
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.4	7.7	11.5#



#66
4-Bromophenyl-phenylether
Concen: 4.185 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.46 min
Lab File: BG036190.D
Acq: 8 Aug 2018 10:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	229.6	77.1	115.7#
141	511.5	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.02 min

Lab File: BG036190.D

Acq: 8 Aug 2018 10:05

Instrument :

BNA_G

ClientSampleId :

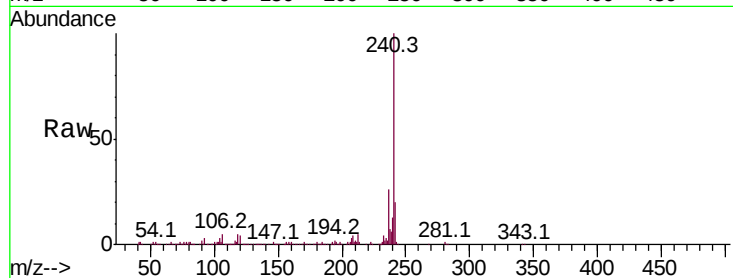
Tot Ion:240 Resp: 228794

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

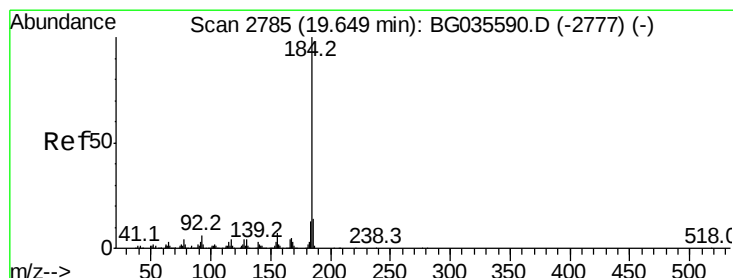
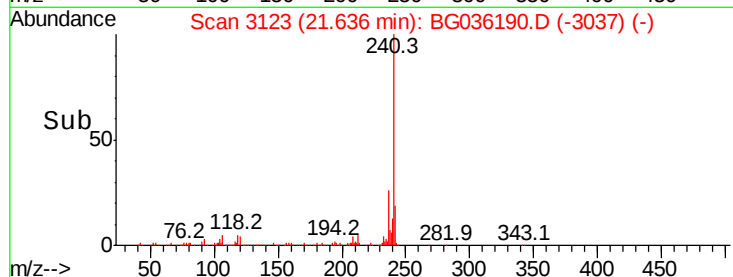
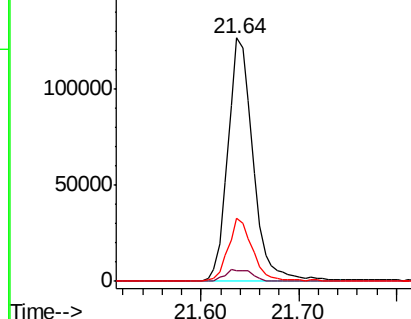
236 26.0 20.9 31.3



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



#76

Benzidine

Concen: 2.404 ng

RT: 19.99 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036190.D

Acq: 8 Aug 2018 10:05

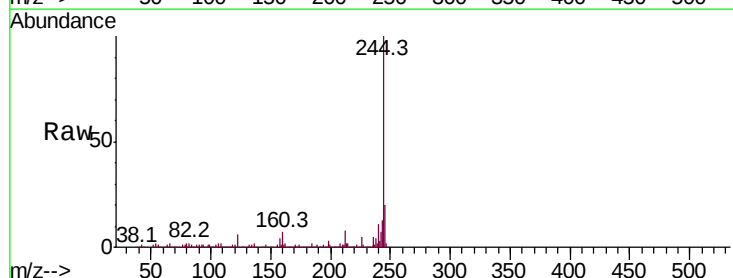
Tgt Ion:184 Resp: 14463

Ion Ratio Lower Upper

184 100

185 20.3 11.1 16.7#

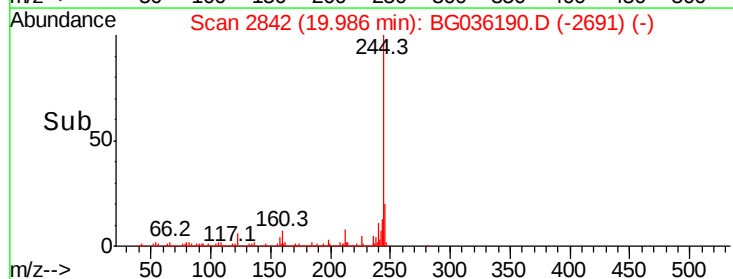
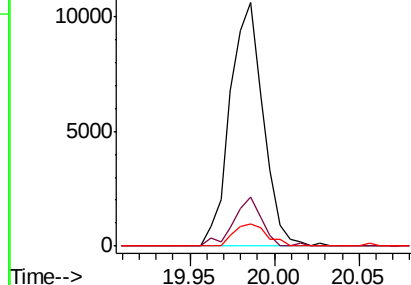
183 9.1 10.6 16.0#

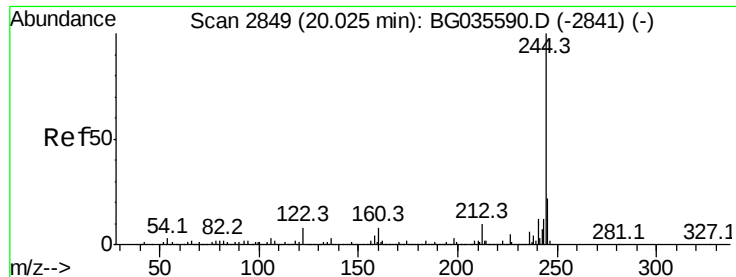


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

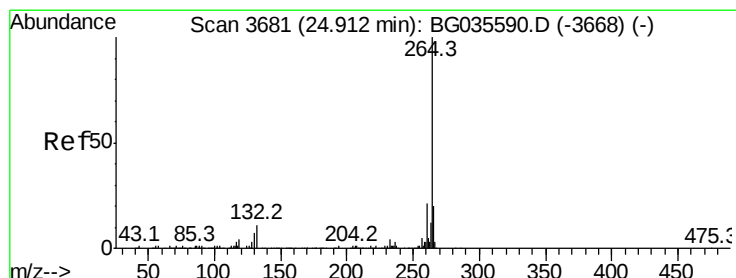
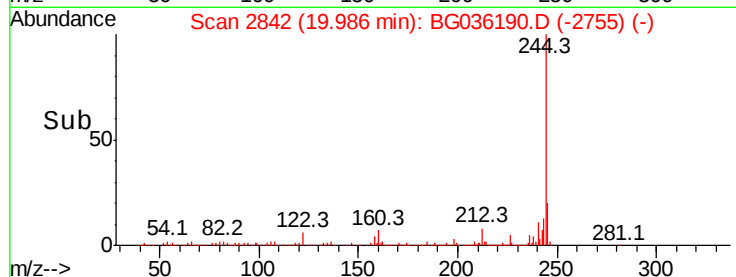
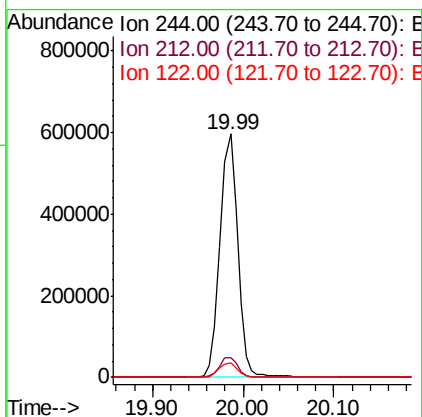
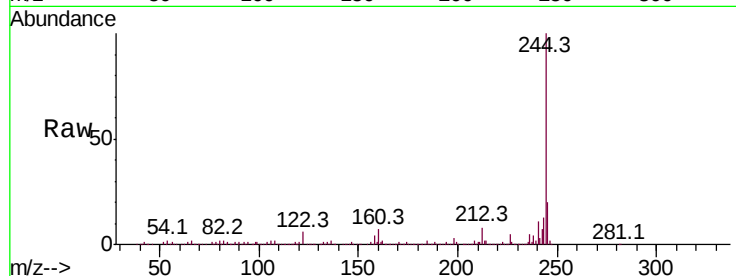




#78
 Terphenyl-d14
 Concen: 78.487 ng
 RT: 19.99 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036190.D
 Acq: 8 Aug 2018 10:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 814654
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 5.9 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3666
 Delta R.T. -0.03 min
 Lab File: BG036190.D
 Acq: 8 Aug 2018 10:05

Tgt Ion:264 Resp: 221348
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 20.5 17.7 26.5

