

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
 Data File : BG036206.D
 Acq On : 8 Aug 2018 20:32
 Operator : JU/SJ
 Sample : J4366-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV30518L

Quant Time: Aug 09 01:32:16 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

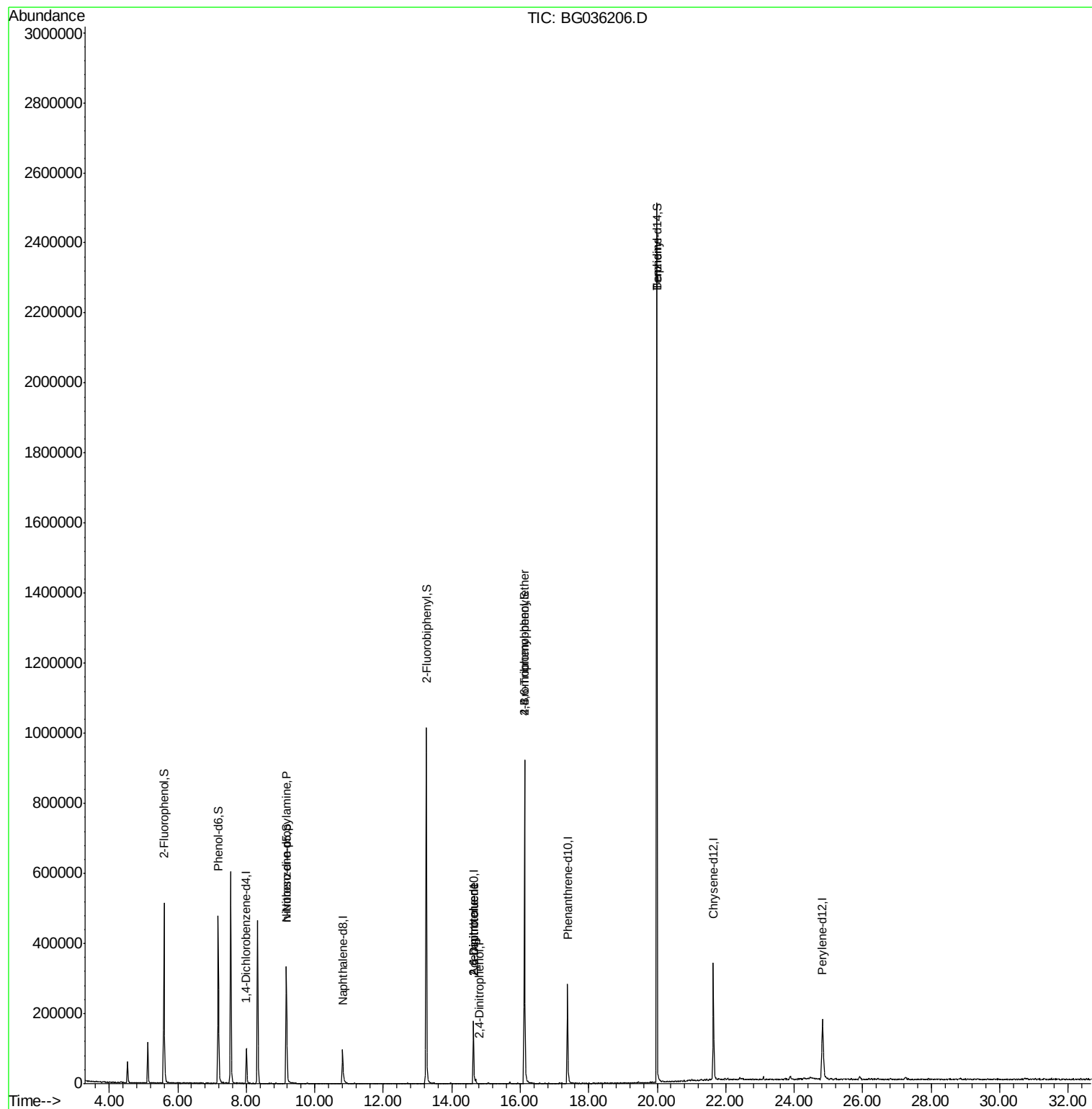
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27871	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	98179	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	68840	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	202689	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	233336	20.00	ng	-0.02
86) Perylene-d12	24.82	264	214322	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	237738	141.62	ng	0.00
7) Phenol-d6	7.18	99	300295	119.89	ng	-0.01
23) Nitrobenzene-d5	9.17	82	255262	108.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	184591	203.44	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	574131	111.74	ng	-0.02
78) Terphenyl-d14	19.99	244	1232364	116.42	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	34104	16.170	ng	# 67
50) 2,6-Dinitrotoluene	14.63	165	9153	7.452	ng	# 18
53) 2,4-Dinitrophenol	14.79	184	60	6.669	ng	# 1
56) 2,4-Dinitrotoluene	14.63	165	9153	5.195	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	13984	5.947	ng	# 1
76) Benzidine	19.98	184	21411	3.490	ng	# 88

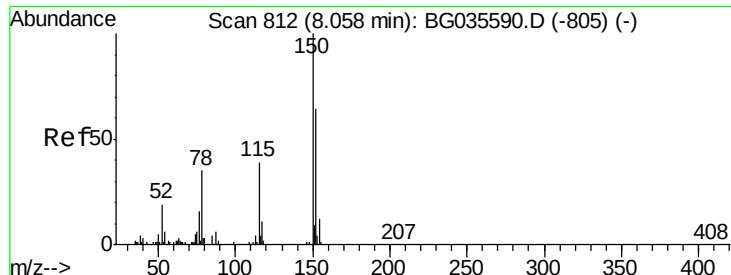
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
Data File : BG036206.D
Acq On : 8 Aug 2018 20:32
Operator : JU/SJ
Sample : J4366-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SV30518L

Quant Time: Aug 09 01:32:16 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG036206.D

Acq: 8 Aug 2018 20:32

Instrument :

BNA_G

ClientSampleId :

SV30518L

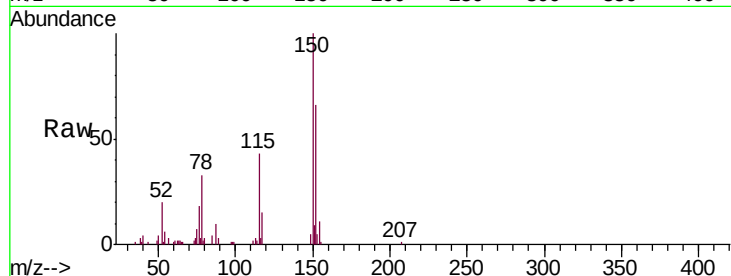
Tgt Ion:152 Resp: 27871

Ion Ratio Lower Upper

152 100

150 151.1 126.6 189.8

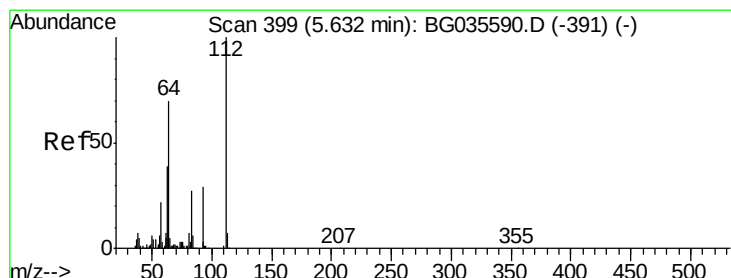
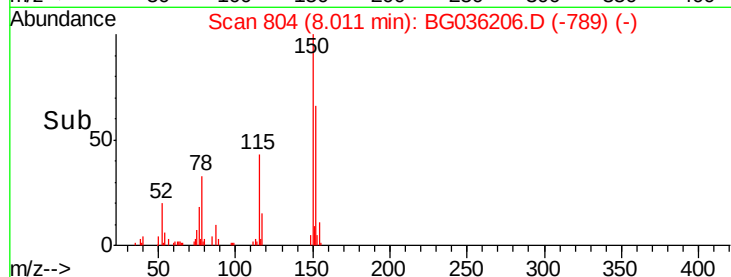
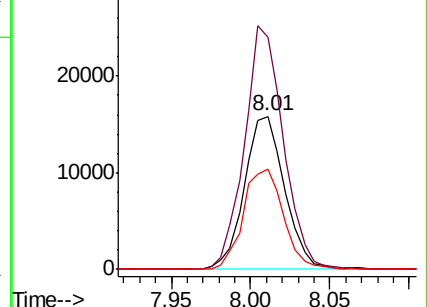
115 65.7 53.0 79.4



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: 141.617 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036206.D

Acq: 8 Aug 2018 20:32

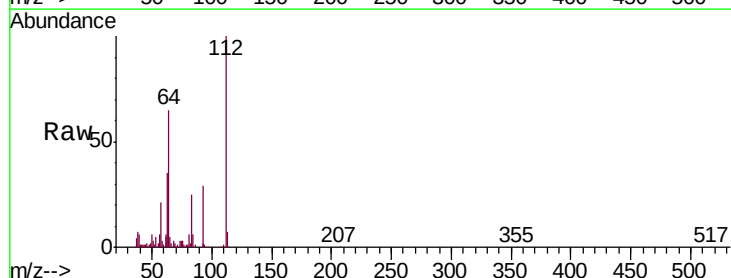
Tgt Ion:112 Resp: 237738

Ion Ratio Lower Upper

112 100

64 65.0 56.3 84.5

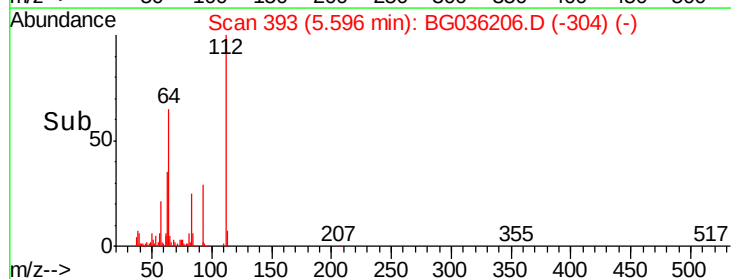
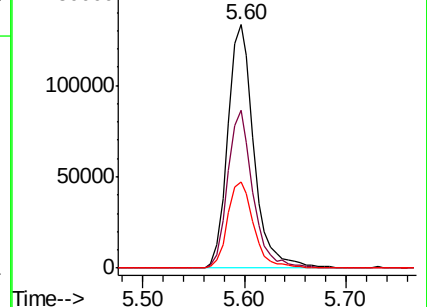
63 35.2 30.1 45.1

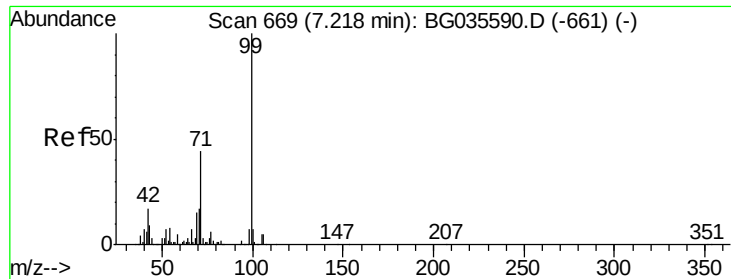


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.895 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036206.D

Acq: 8 Aug 2018 20:32

Instrument :

BNA_G

ClientSampleId :

SV30518L

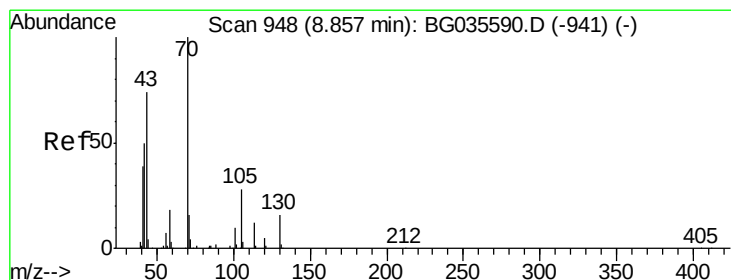
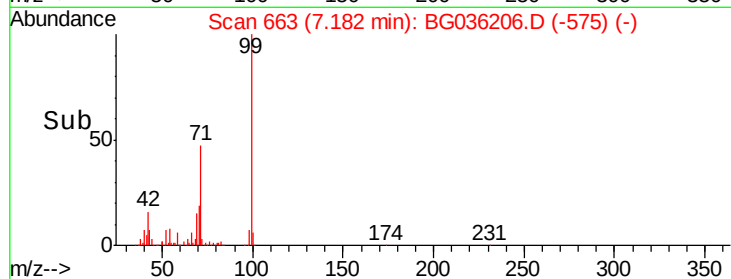
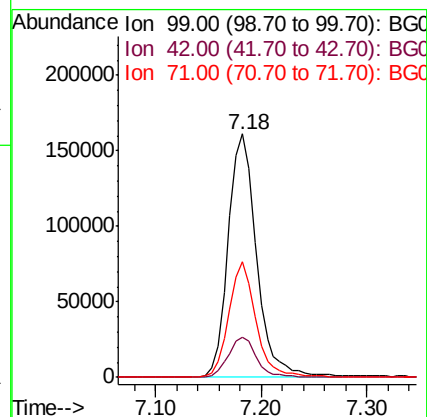
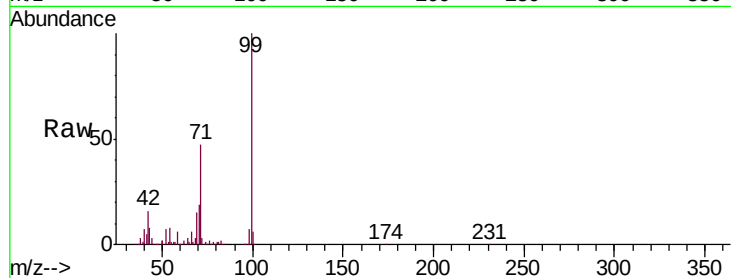
Tgt Ion: 99 Resp: 300295

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 47.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.170 ng

RT: 9.17 min Scan# 1002

Delta R.T. 0.34 min

Lab File: BG036206.D

Acq: 8 Aug 2018 20:32

Tgt Ion: 70 Resp: 34104

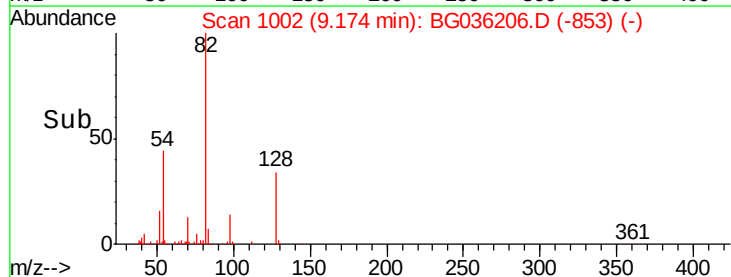
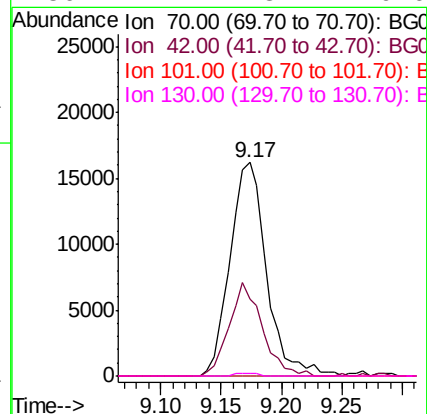
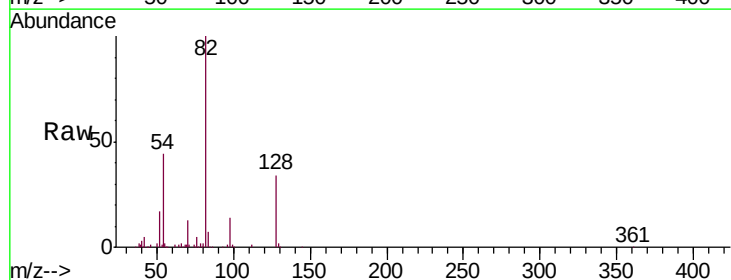
Ion Ratio Lower Upper

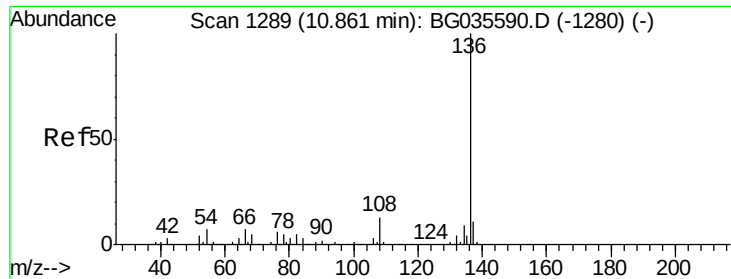
70 100

42 35.9 49.1 73.7#

101 0.0 8.5 12.7#

130 1.2 13.4 20.0#

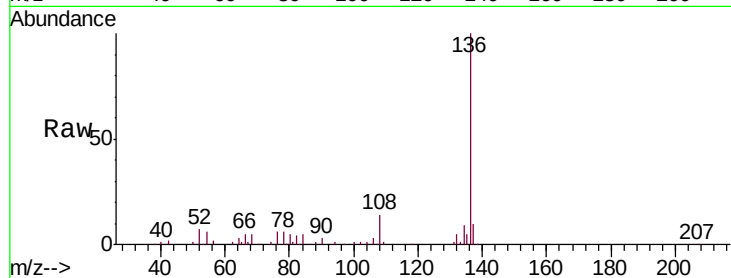




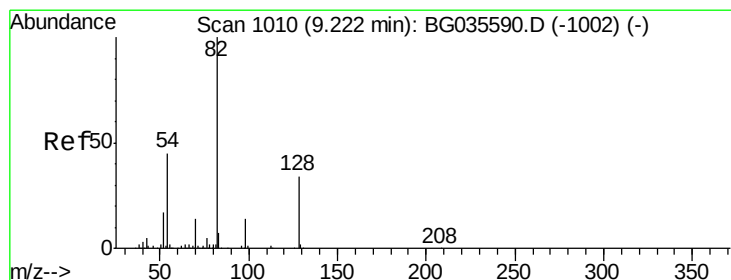
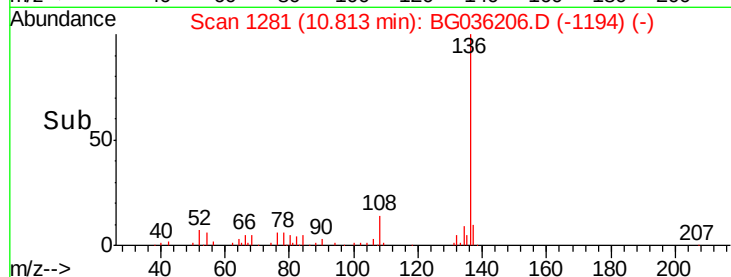
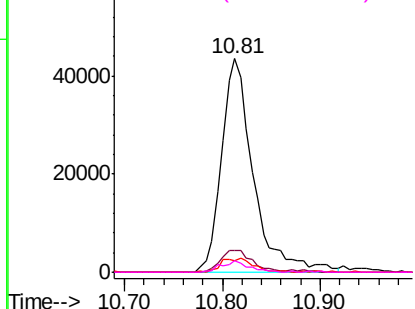
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036206.D
Acq: 8 Aug 2018 20:32

Instrument :
BNA_G
ClientSampleId :
SV30518L

Tgt Ion:	136	Resp:	98179
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	5.6	10.3	15.5#
68	5.4	4.5	6.7

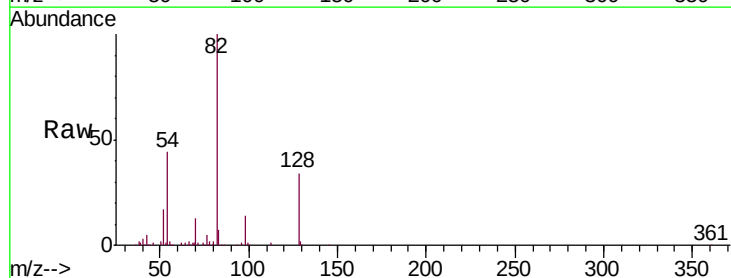


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

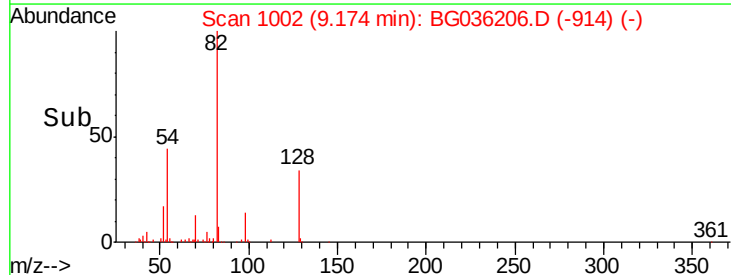
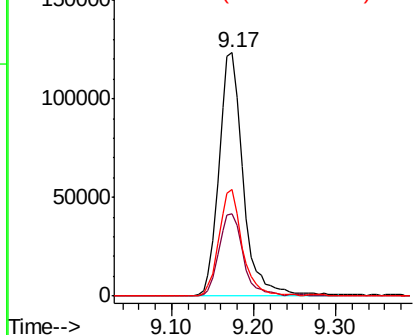


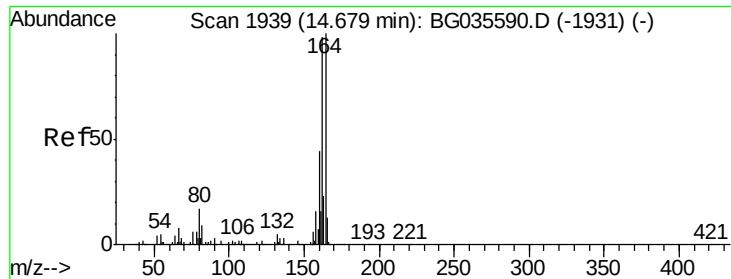
#23
Nitrobenzene-d5
Concen: 108.613 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036206.D
Acq: 8 Aug 2018 20:32

Tgt Ion:	82	Resp:	255262
Ion	Ratio	Lower	Upper
82	100		
128	33.6	29.7	44.5
54	43.7	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036206.D

Acq: 8 Aug 2018 20:32

Instrument :

BNA_G

ClientSampleId :

SV30518L

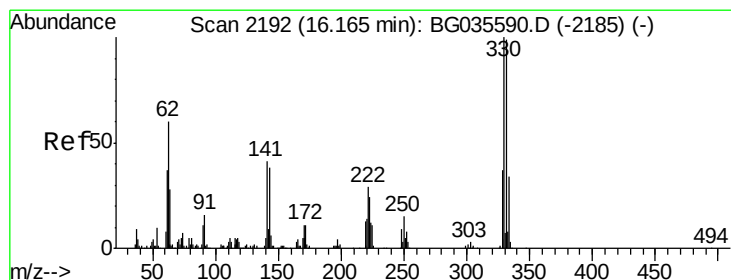
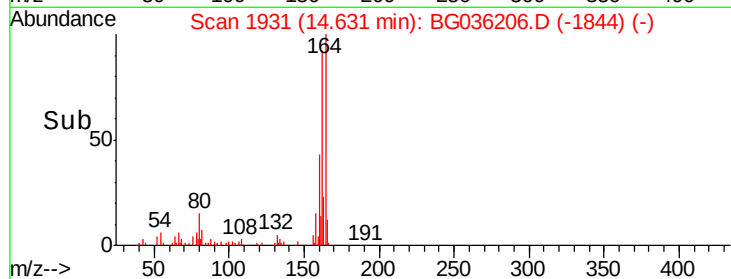
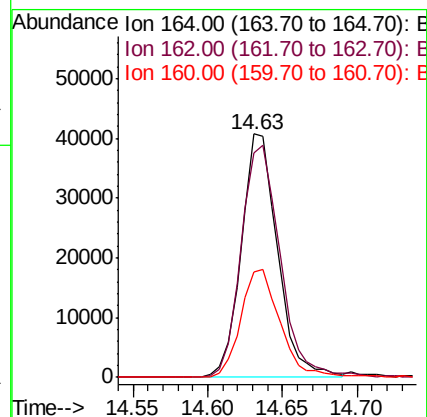
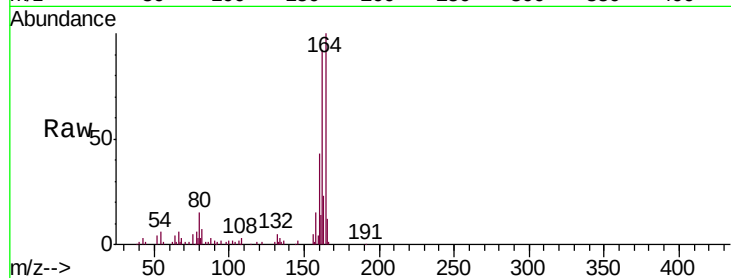
Tgt Ion:164 Resp: 68840

Ion Ratio Lower Upper

164 100

162 92.3 78.8 118.2

160 43.4 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 203.438 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036206.D

Acq: 8 Aug 2018 20:32

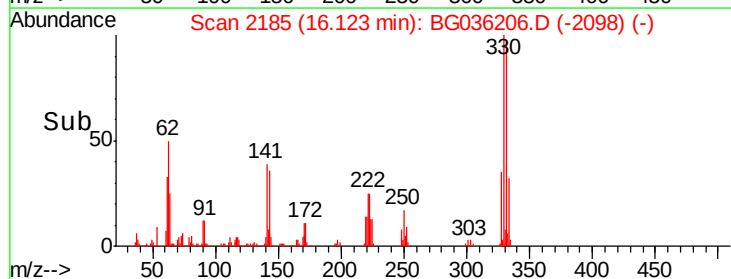
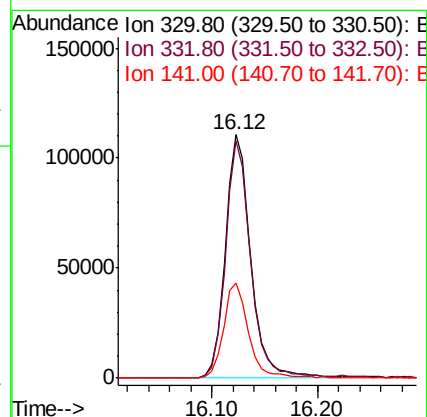
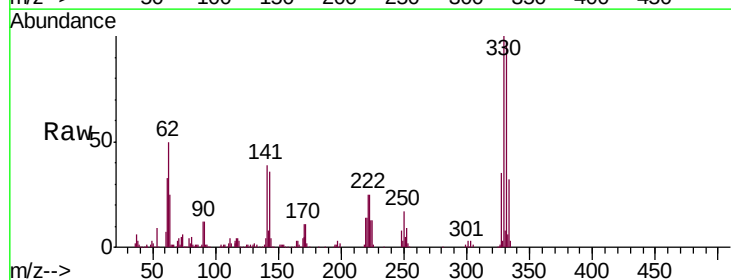
Tgt Ion:330 Resp: 184591

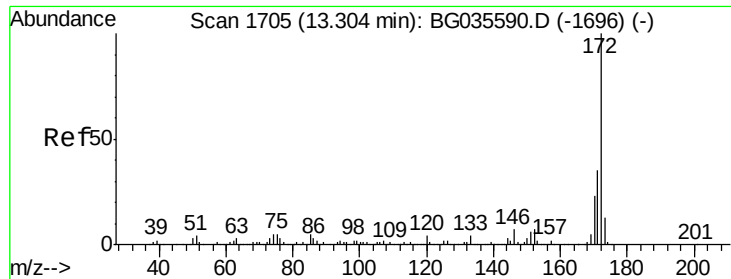
Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 37.7 25.2 37.8

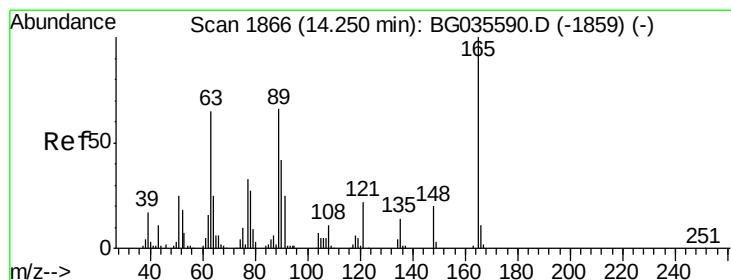
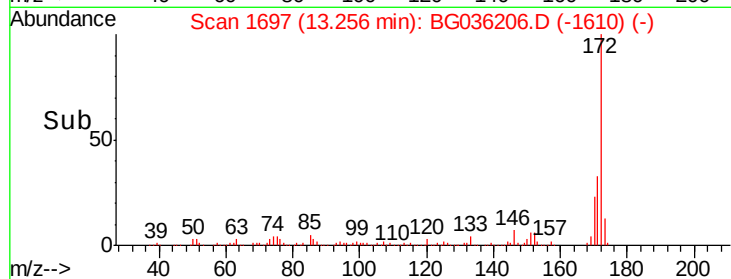
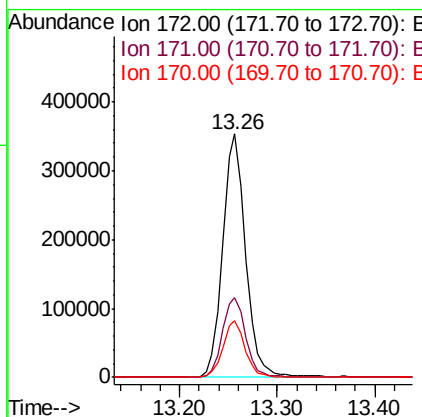
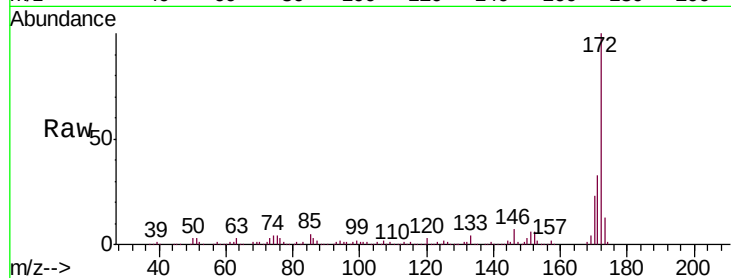




#44
 2-Fluorobiphenyl
 Concen: 111.735 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036206.D
 Acq: 8 Aug 2018 20:32

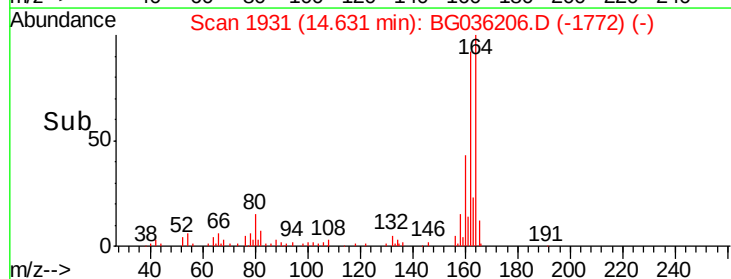
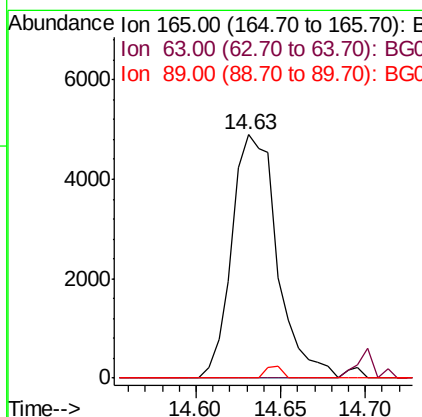
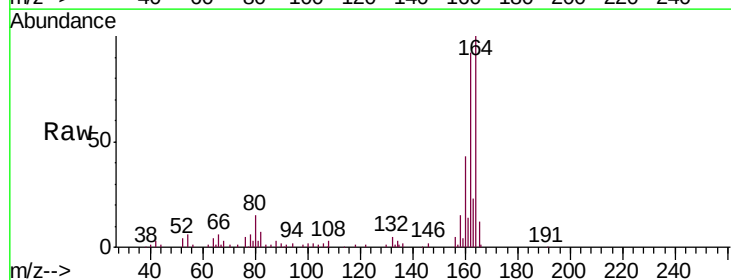
Instrument :
 BNA_G
 ClientSampleId :
 SV30518L

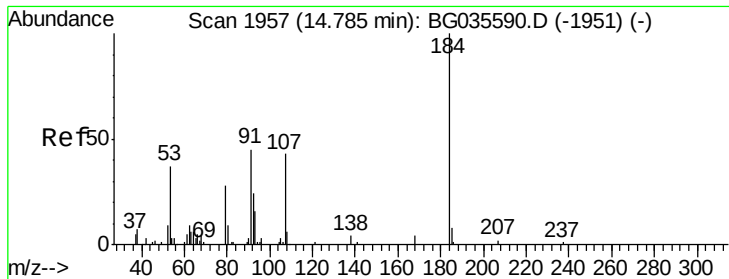
Tgt Ion:172 Resp: 574131
 Ion Ratio Lower Upper
 172 100
 171 32.6 30.0 45.0
 170 23.3 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.452 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. 0.40 min
 Lab File: BG036206.D
 Acq: 8 Aug 2018 20:32

Tgt Ion:165 Resp: 9153
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

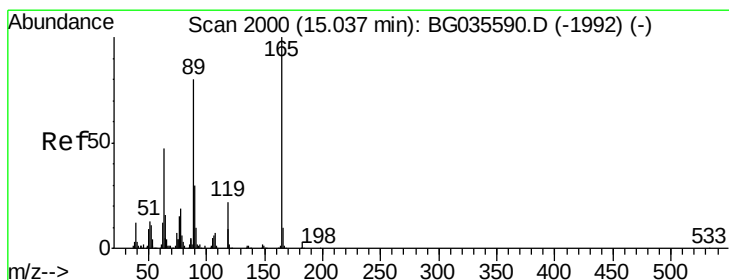
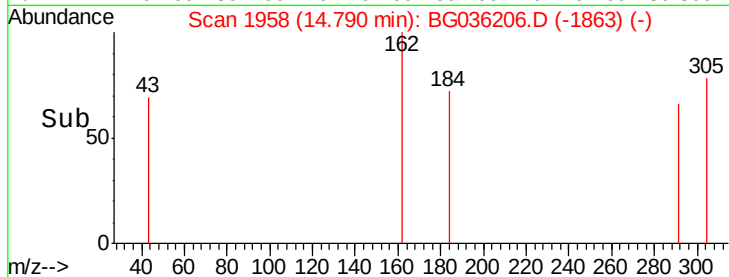
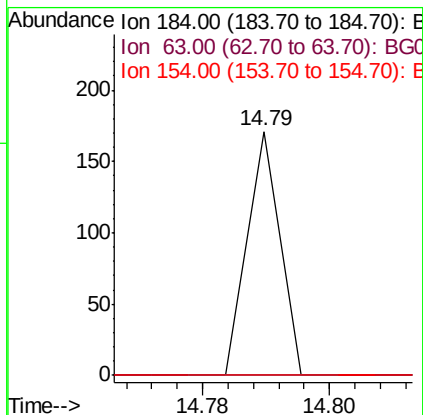
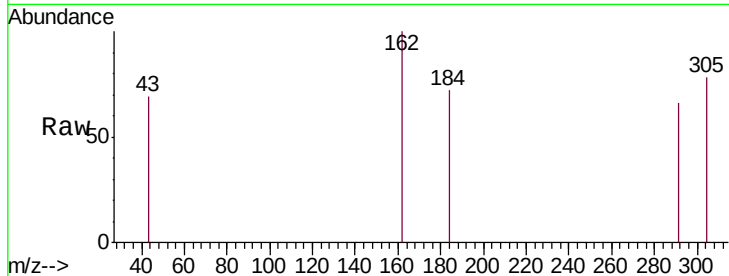




#53
2,4-Dinitrophenol
Concen: 6.669 ng
RT: 14.79 min Scan# 1958
Delta R.T. 0.03 min
Lab File: BG036206.D
Acq: 8 Aug 2018 20:32

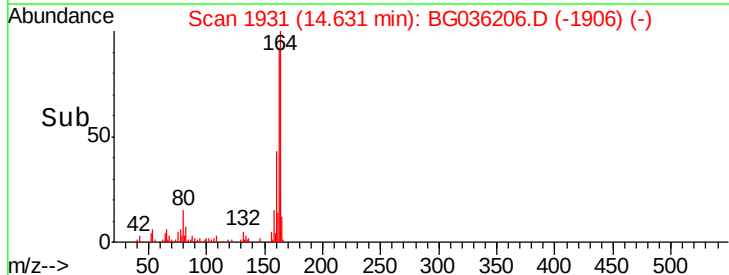
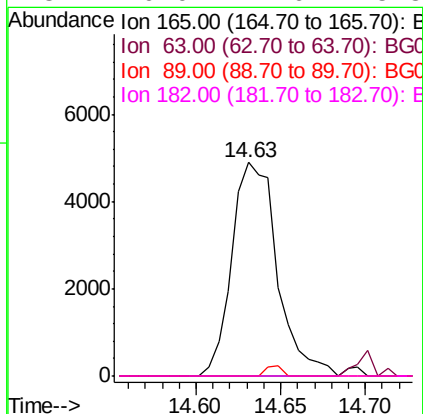
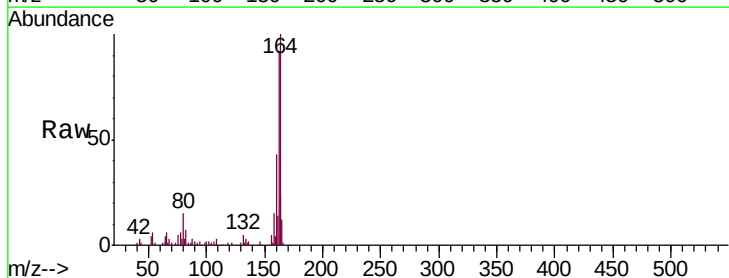
Instrument :
BNA_G
ClientSampled :
SV30518L

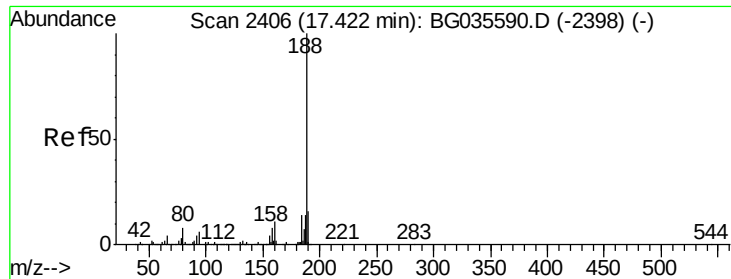
Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 5.195 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.38 min
Lab File: BG036206.D
Acq: 8 Aug 2018 20:32

Tgt Ion:165 Resp: 9153
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#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036206.D

Acq: 8 Aug 2018 20:32

Instrument :

BNA_G

ClientSampleId :

SV30518L

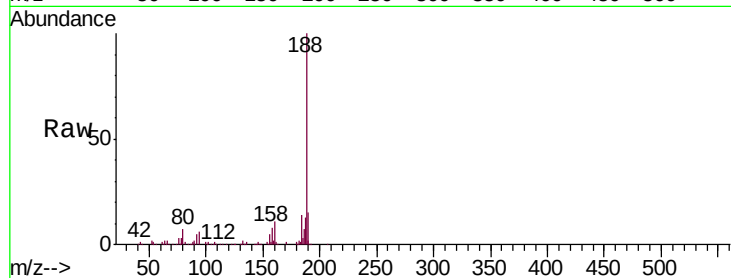
Tgt Ion:188 Resp: 202689

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

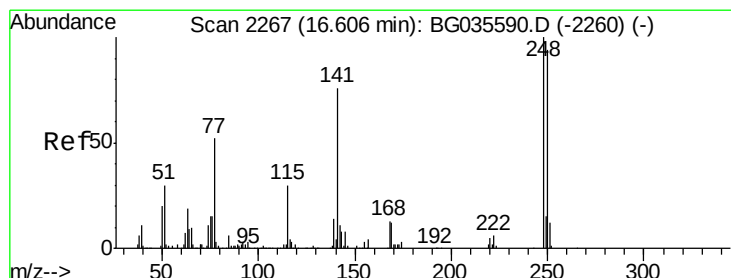
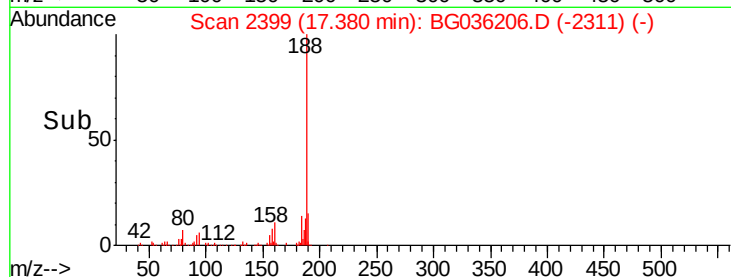
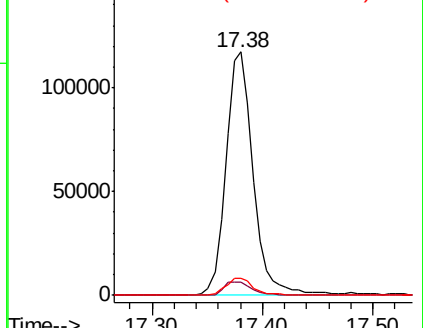
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 5.947 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.46 min

Lab File: BG036206.D

Acq: 8 Aug 2018 20:32

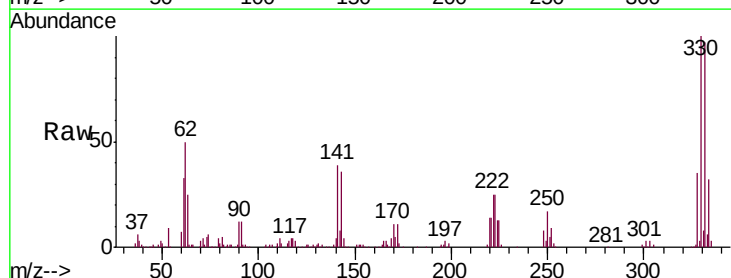
Tgt Ion:248 Resp: 13984

Ion Ratio Lower Upper

248 100

250 215.0 77.1 115.7#

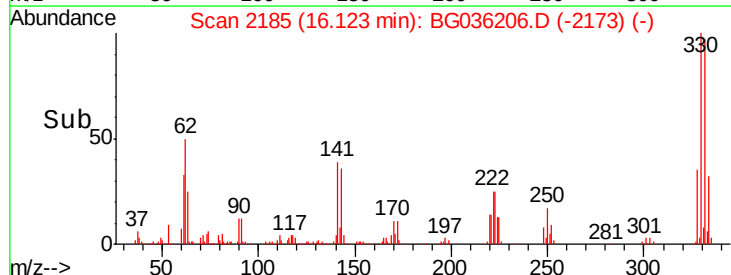
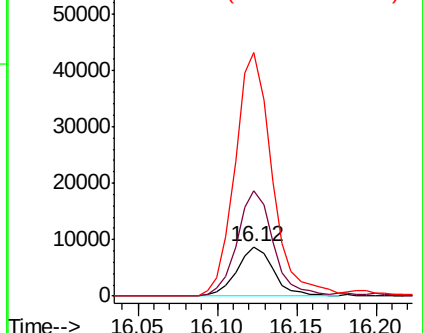
141 494.1 50.8 76.2#

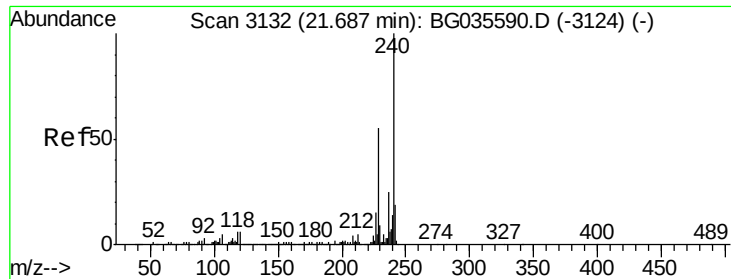


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036206.D

Acq: 8 Aug 2018 20:32

Instrument :

BNA_G

ClientSampleId :

SV30518L

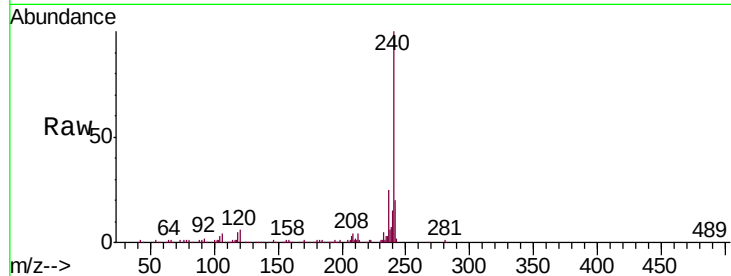
Tgt Ion:240 Resp: 233336

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

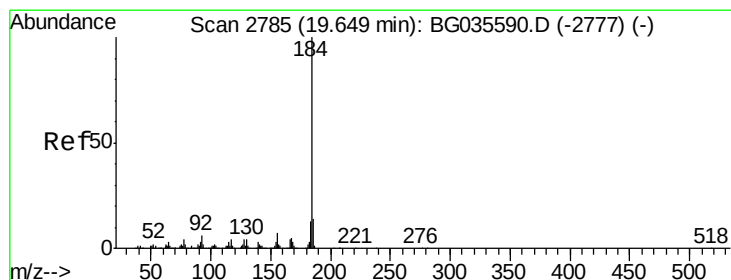
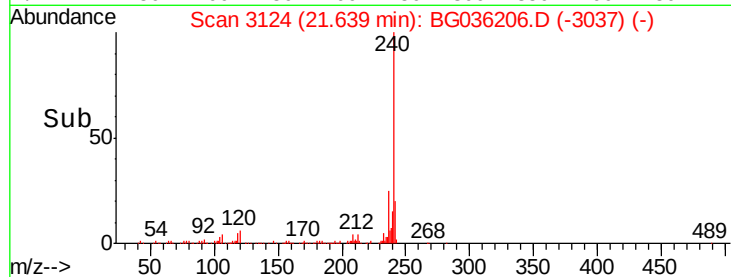
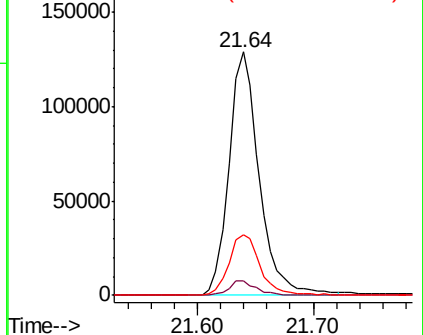
236 25.1 20.9 31.3



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: 3.490 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036206.D

Acq: 8 Aug 2018 20:32

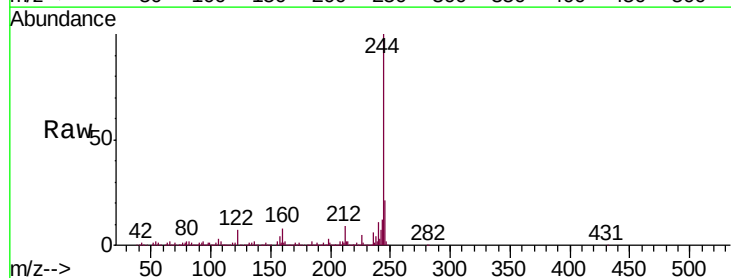
Tgt Ion:184 Resp: 21411

Ion Ratio Lower Upper

184 100

185 16.7 11.1 16.7#

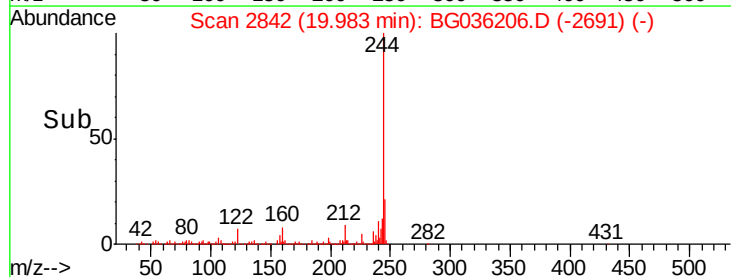
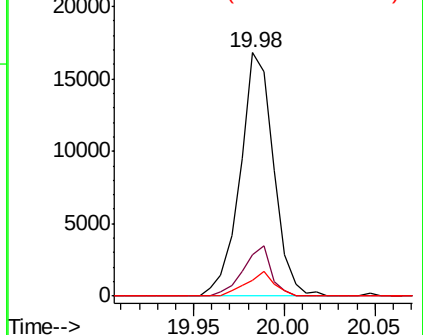
183 6.4 10.6 16.0#

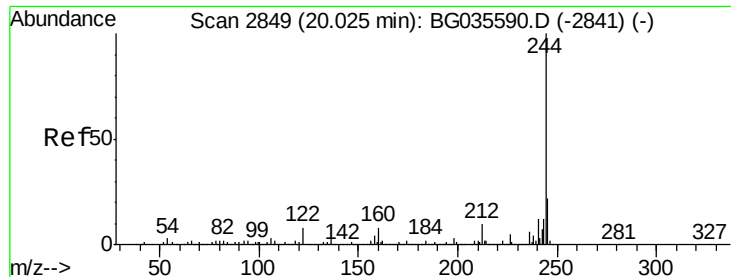


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 116.420 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036206.D

Acq: 8 Aug 2018 20:32

Instrument :

BNA_G

ClientSampleId :

SV30518L

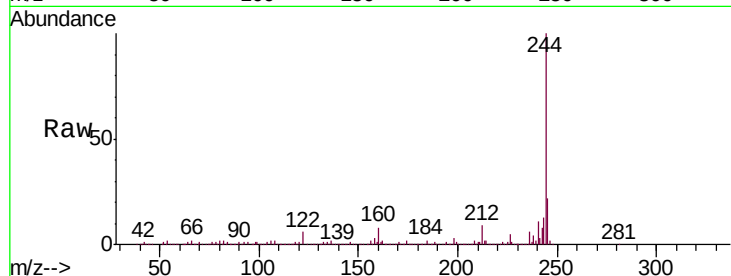
Tgt Ion:244 Resp: 1232364

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

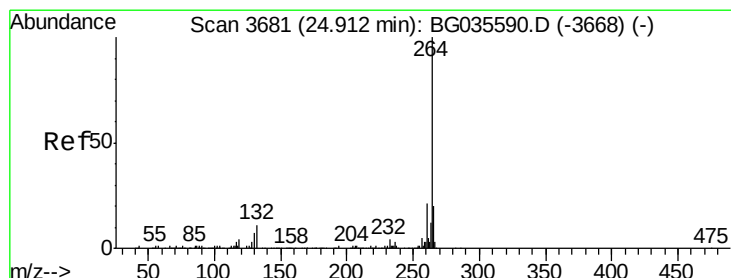
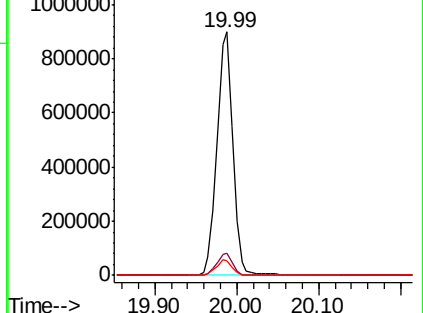
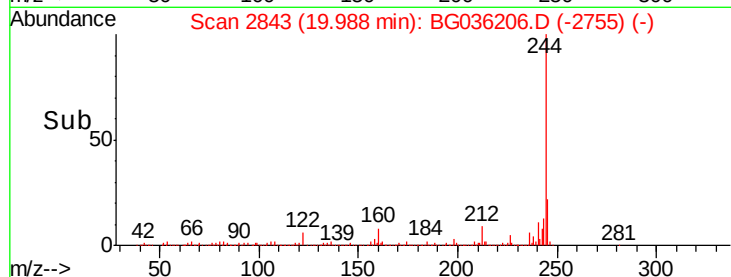
122 6.0 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3666

Delta R.T. -0.04 min

Lab File: BG036206.D

Acq: 8 Aug 2018 20:32

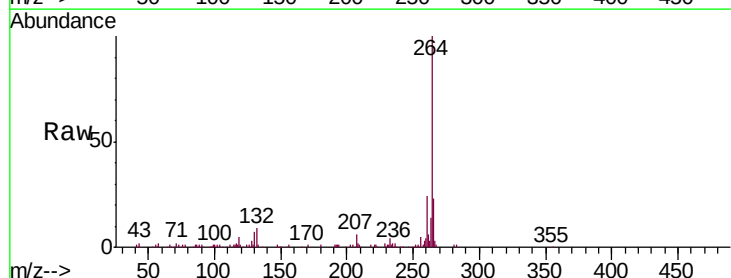
Tgt Ion:264 Resp: 214322

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 23.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

