

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020519\
 Data File : BG039362.D
 Acq On : 5 Feb 2019 20:05
 Operator : JU/SJ
 Sample : PB116850BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116850BL

Quant Time: Feb 05 21:33:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

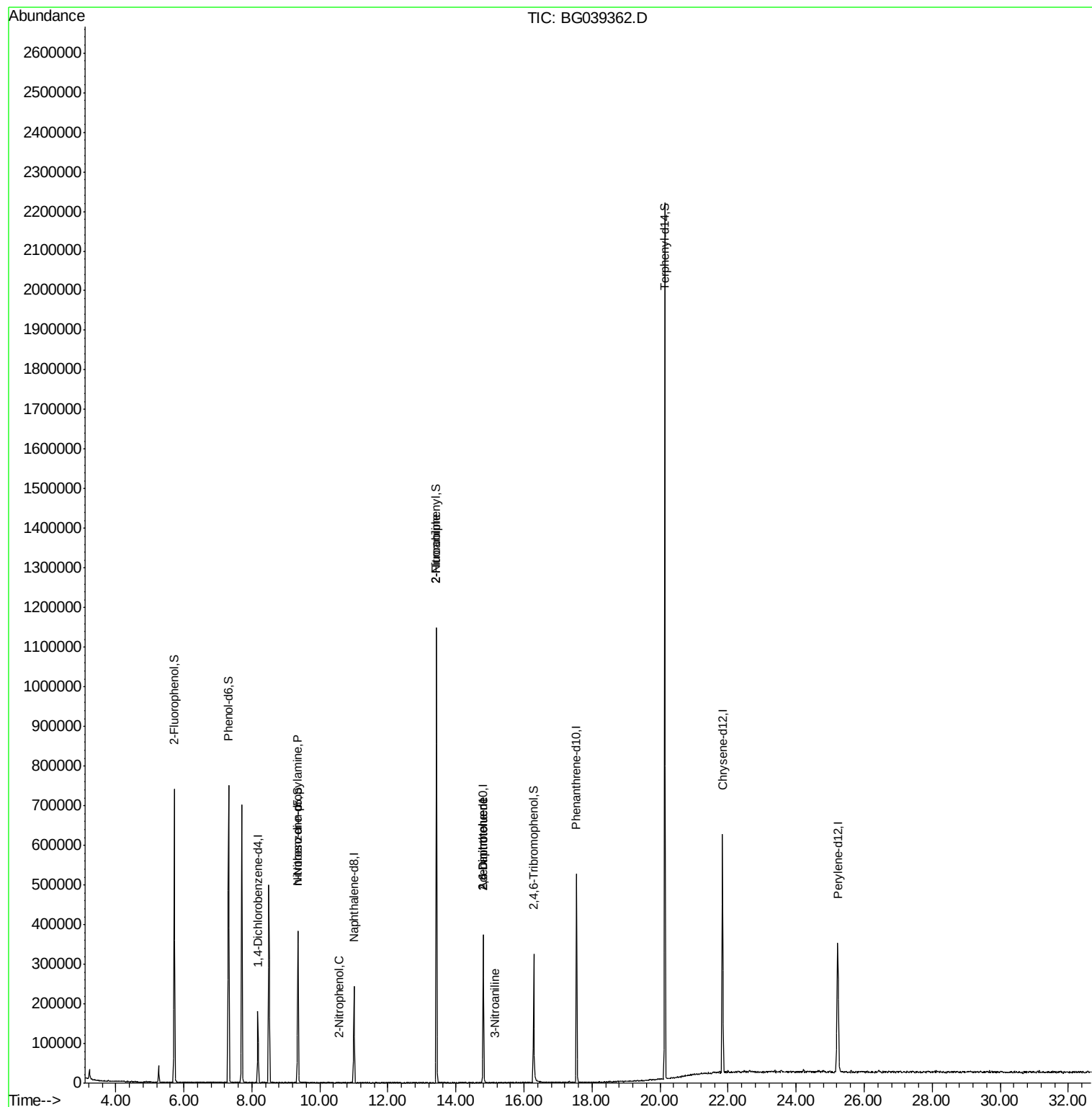
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	49048	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	207642	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	131980	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	323471	20.00	ng	-0.01
76) Chrysene-d12	21.84	240	365952	20.00	ng	-0.01
87) Perylene-d12	25.22	264	358442	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	298999	104.33	ng	0.00
7) Phenol-d6	7.31	99	419254	99.39	ng	0.00
23) Nitrobenzene-d5	9.35	82	219571	66.06	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	60379	42.48	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	593713	64.53	ng	-0.01
79) Terphenyl-d14	20.14	244	1007719	58.29	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.31	77	677	Below Cal	Qvalue	# 4
19) n-Nitroso-di-n-propylamine	9.35	70	29568	9.876 ng	#	75
26) 2-Nitrophenol	10.58	139	59	4.055 ng	#	31
48) 2-Nitroaniline	13.42	65	1082	8.673 ng	#	1
51) 2,6-Dinitrotoluene	14.80	165	16636	13.769 ng	#	22
53) 3-Nitroaniline	15.14	138	62	5.818 ng	#	1
57) 2,4-Dinitrotoluene	14.80	165	16636	13.282 ng	#	17

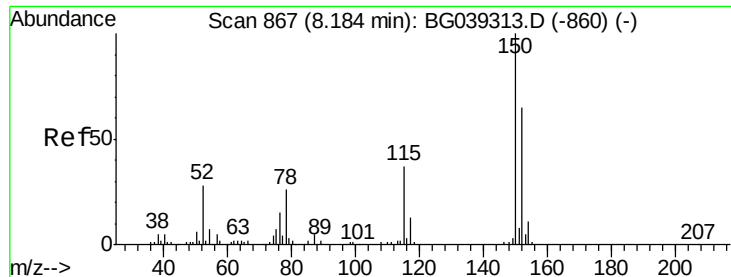
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020519\
Data File : BG039362.D
Acq On : 5 Feb 2019 20:05
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
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PB116850BL

Quant Time: Feb 05 21:33:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
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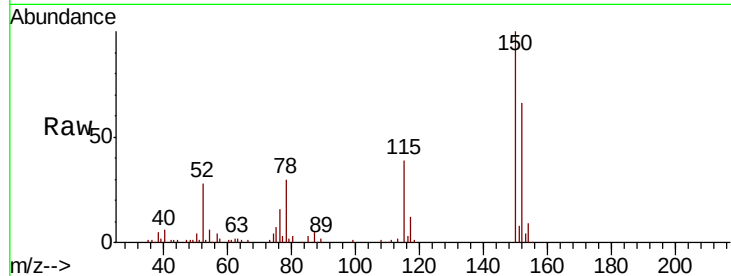


#1

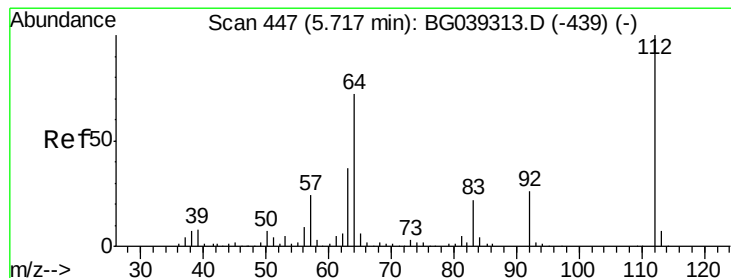
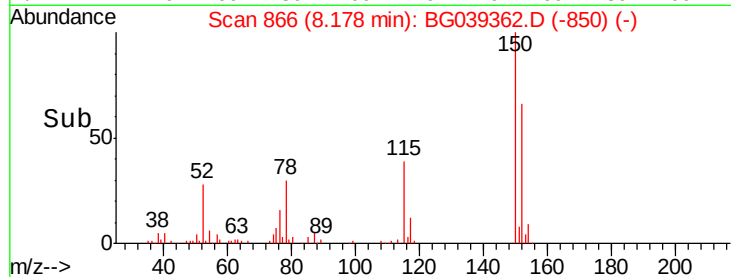
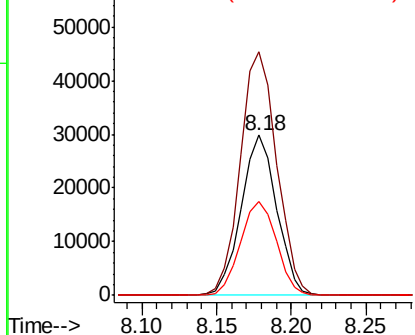
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039362.D
Acq: 5 Feb 2019 20:05

Instrument :
BNA_G
ClientSampleId :
PB116850BL

Tgt Ion:152 Resp: 49048
Ion Ratio Lower Upper
152 100
150 152.3 123.7 185.5
115 58.9 45.9 68.9



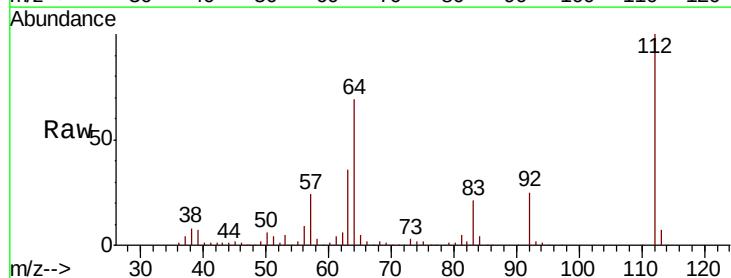
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



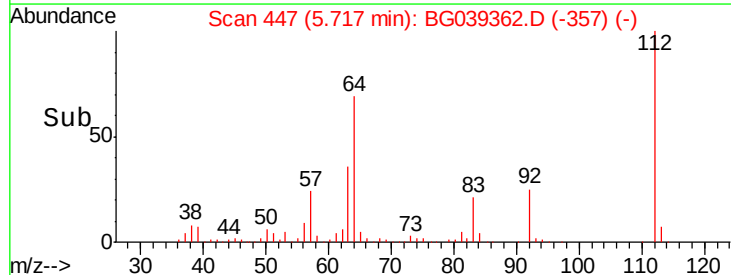
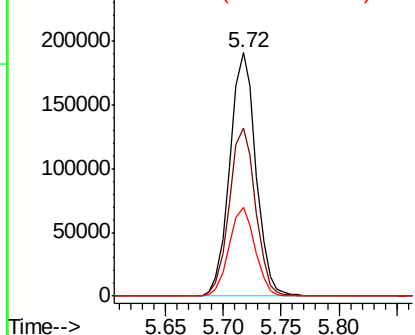
#5

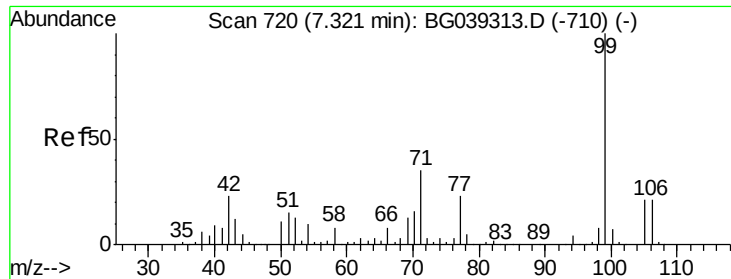
2-Fluorophenol
Concen: 104.334 ng
RT: 5.72 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG039362.D
Acq: 5 Feb 2019 20:05

Tgt Ion:112 Resp: 298999
Ion Ratio Lower Upper
112 100
64 68.9 57.8 86.8
63 36.2 29.8 44.6



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: 99.388 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

Instrument :

BNA_G

ClientSampleId :

PB116850BL

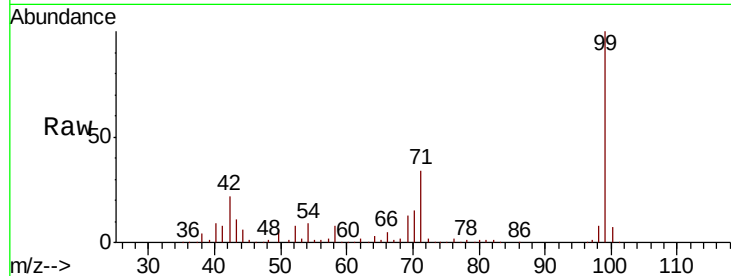
Tgt Ion: 99 Resp: 419254

Ion Ratio Lower Upper

99 100

42 21.7 18.2 27.2

71 34.3 28.0 42.0

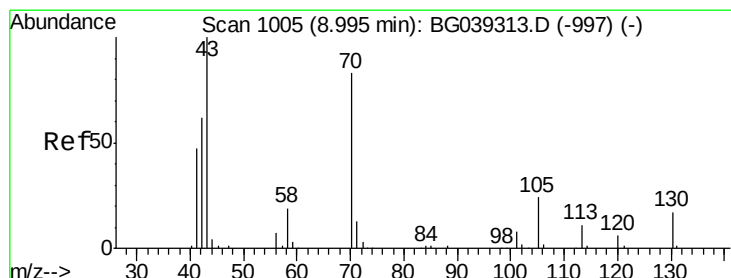
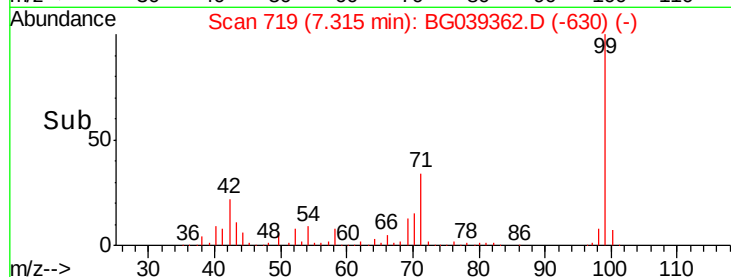
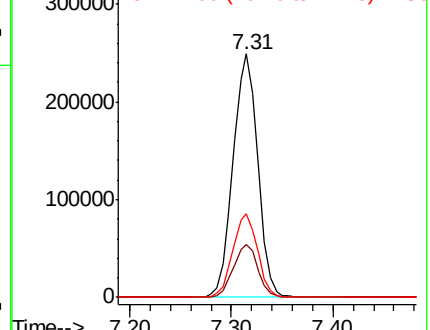


Abundance

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: 9.876 ng

RT: 9.35 min Scan# 1066

Delta R.T. 0.36 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

Tgt Ion: 70 Resp: 29568

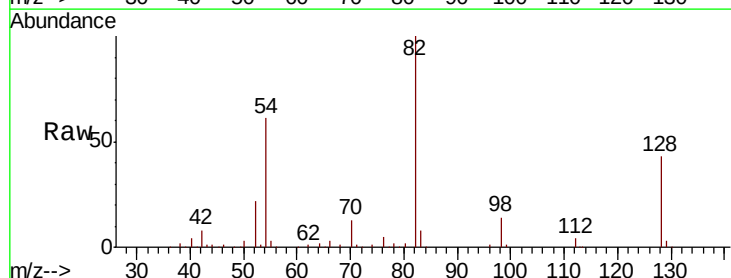
Ion Ratio Lower Upper

70 100

42 57.4 60.4 90.6#

101 0.0 7.5 11.3#

130 2.8 16.9 25.3#



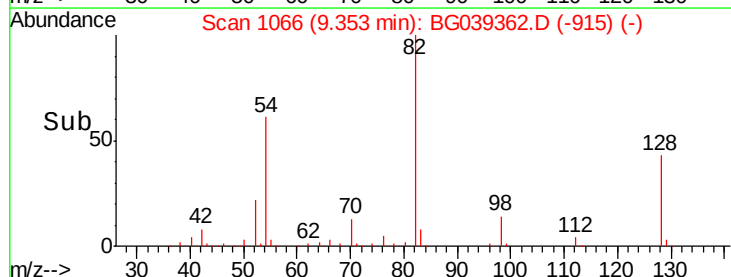
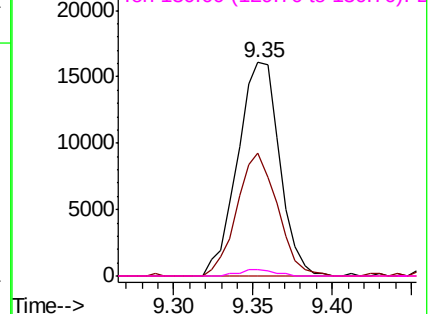
Abundance

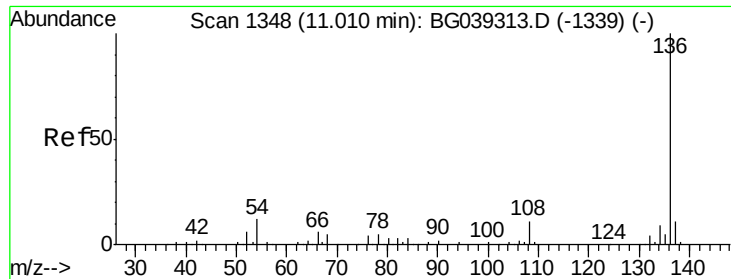
Ion 70.00 (69.70 to 70.70): BGC

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

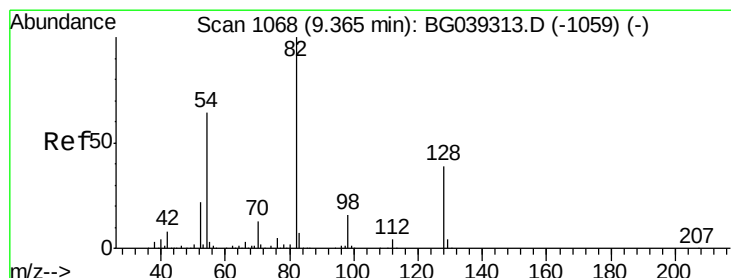
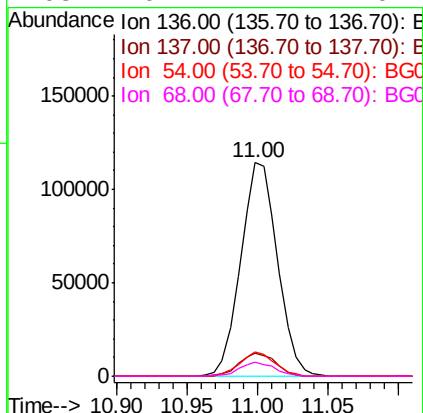
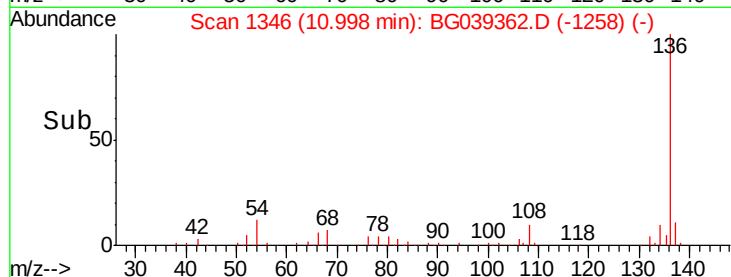
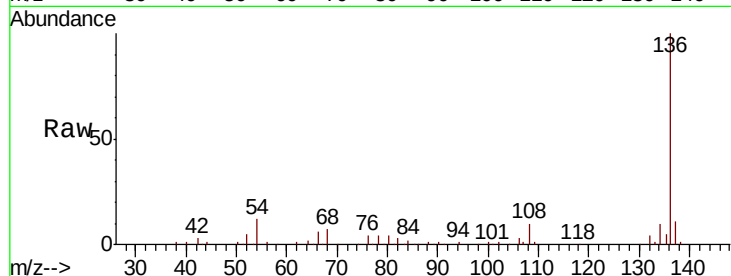




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039362.D
Acq: 5 Feb 2019 20:05

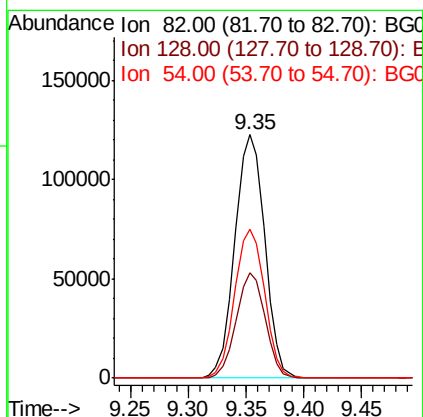
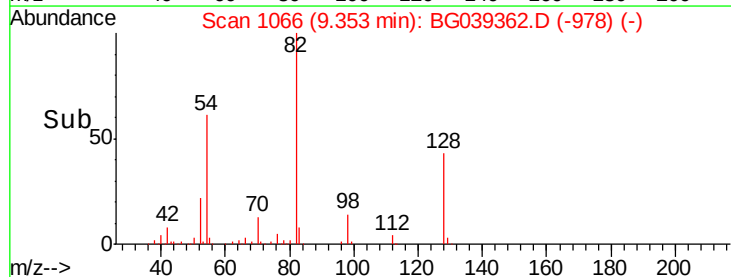
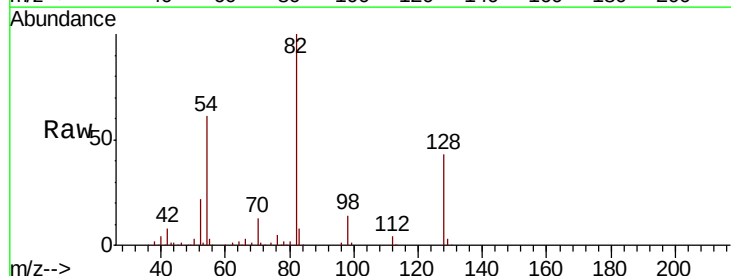
Instrument :
BNA_G
ClientSampleId :
PB116850BL

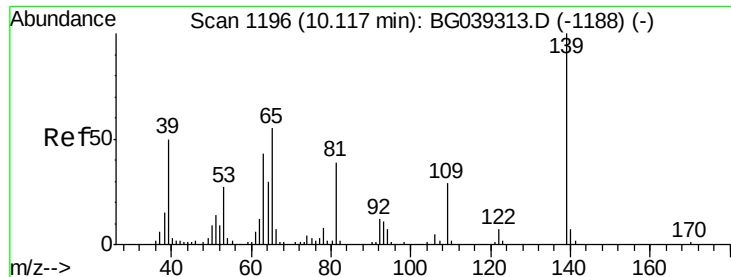
Tgt Ion:	136	Resp:	207642
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	11.6	9.4	14.2
68	6.7	4.2	6.4#



#23
Nitrobenzene-d5
Concen: 66.061 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039362.D
Acq: 5 Feb 2019 20:05

Tgt Ion:	82	Resp:	219571
Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.3	46.9
54	61.0	50.9	76.3





#26

2-Nitrophenol

Concen: 4.055 ng

RT: 10.58 min Scan# 1274

Delta R.T. 0.46 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

Instrument :

BNA_G

ClientSampleId :

PB116850BL

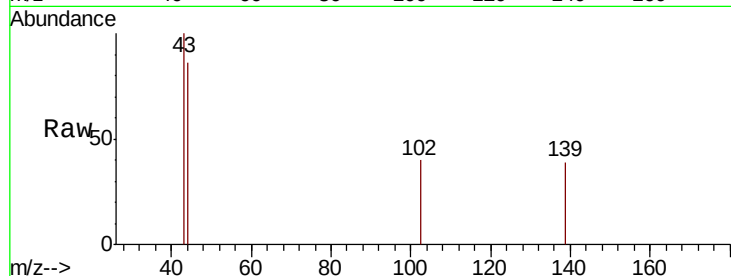
Tgt Ion:139 Resp: 59

Ion Ratio Lower Upper

139 100

109 0.0 23.4 35.0#

65 0.0 44.3 66.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): B

10.58

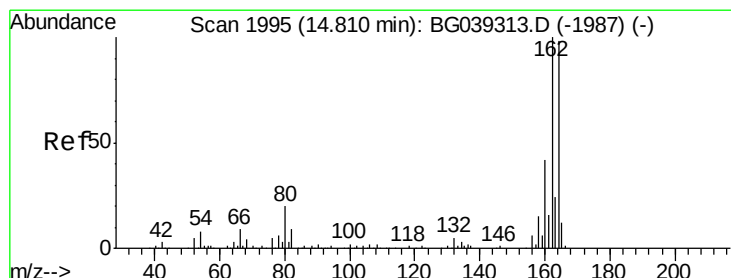
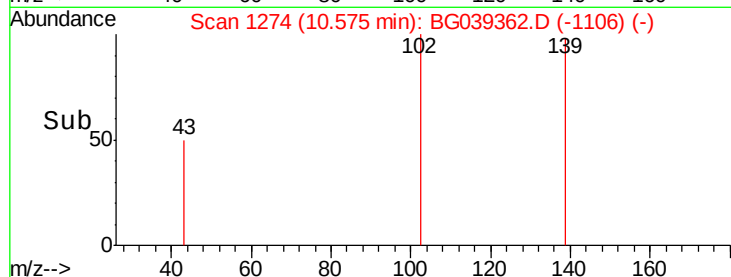
150

100

50

0

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

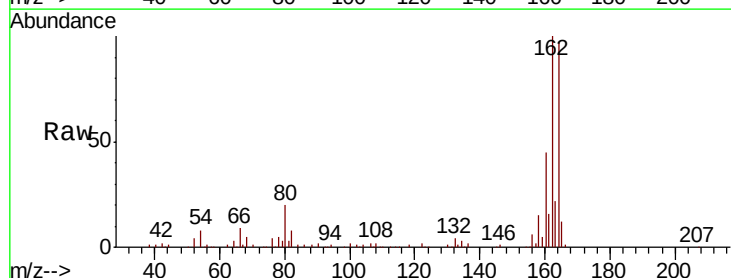
Tgt Ion:164 Resp: 131980

Ion Ratio Lower Upper

164 100

162 103.1 81.6 122.4

160 46.3 34.2 51.2



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

14.80

80000

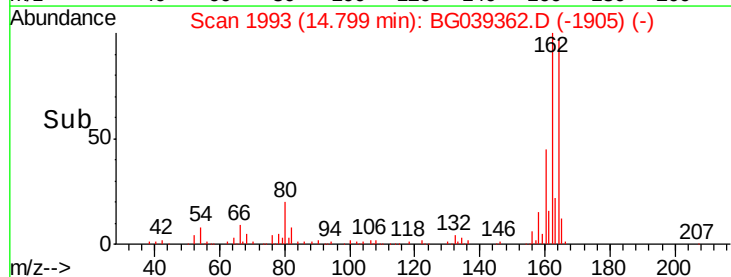
60000

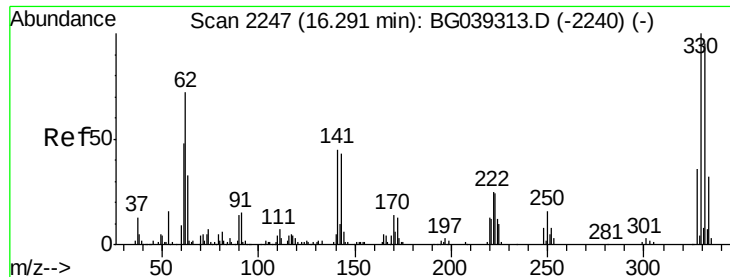
40000

20000

0

Time-->





#42

2,4,6-Tribromophenol

Concen: 42.485 ng

RT: 16.29 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

Instrument :

BNA_G

ClientSampleId :

PB116850BL

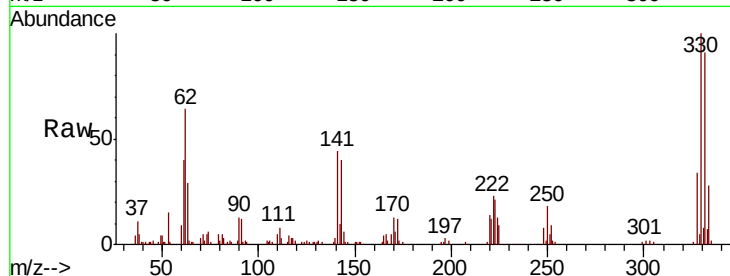
Tgt Ion:330 Resp: 60379

Ion Ratio Lower Upper

330 100

332 97.7 75.7 113.5

141 42.1 35.6 53.4

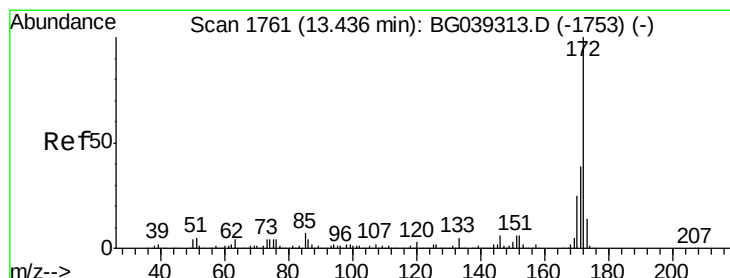
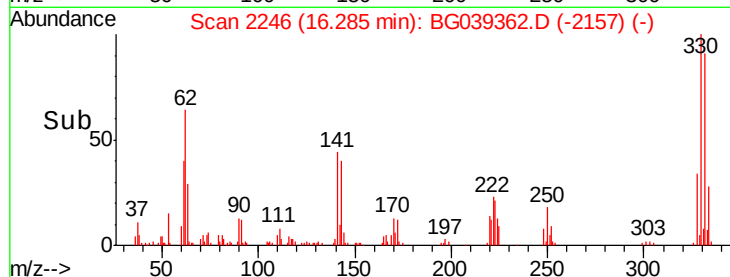
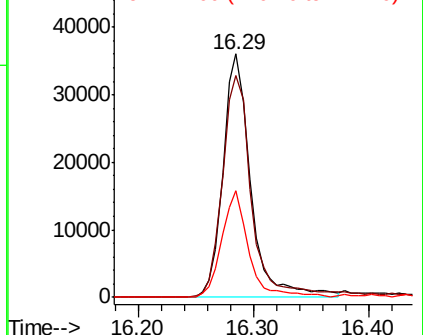


Abundance

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



#45

2-Fluorobiphenyl

Concen: 64.533 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

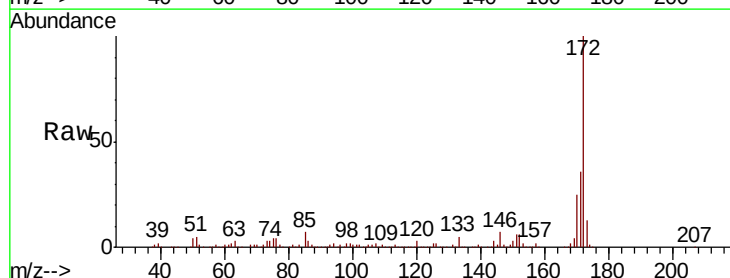
Tgt Ion:172 Resp: 593713

Ion Ratio Lower Upper

172 100

171 36.3 30.8 46.2

170 24.6 20.2 30.4

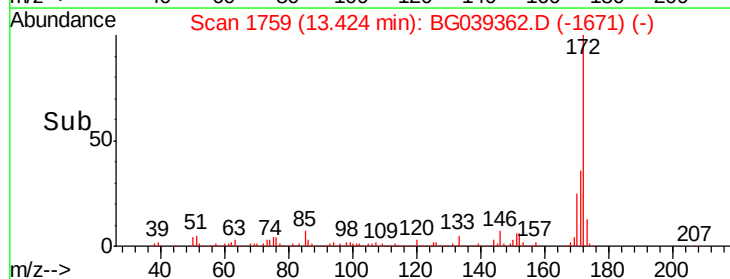
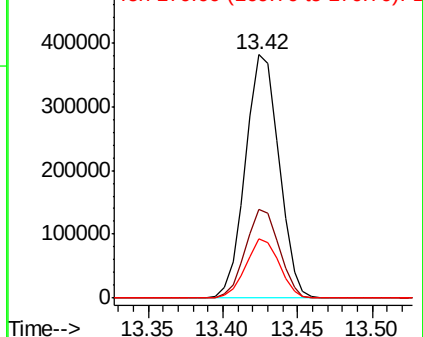


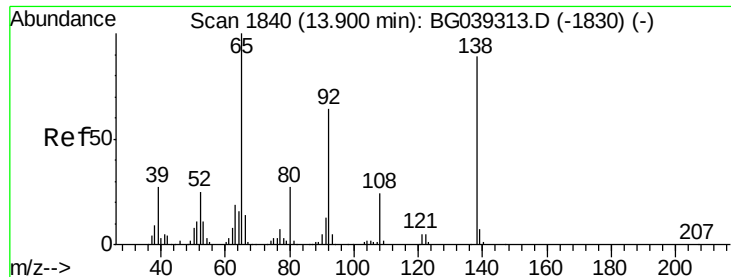
Abundance

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





#48

2-Nitroaniline

Concen: 8.673 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.47 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

Instrument :

BNA_G

ClientSampleId :

PB116850BL

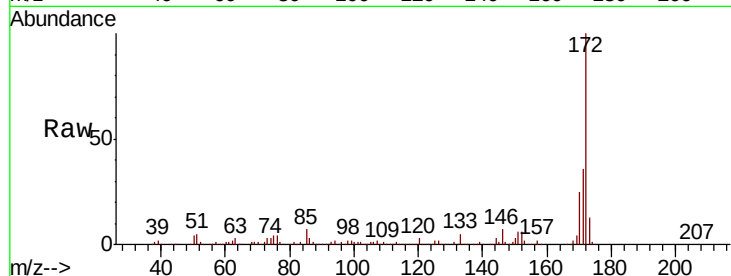
Tgt Ion: 65 Resp: 1082

Ion Ratio Lower Upper

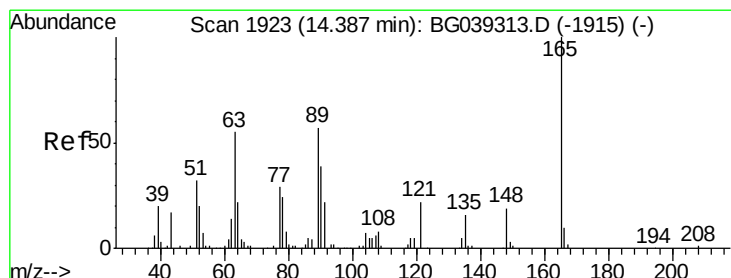
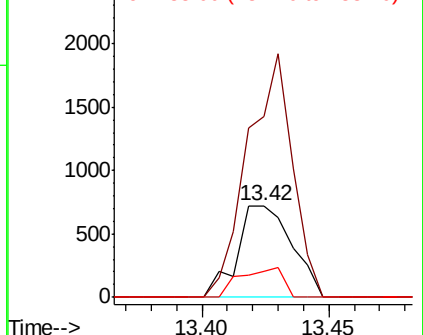
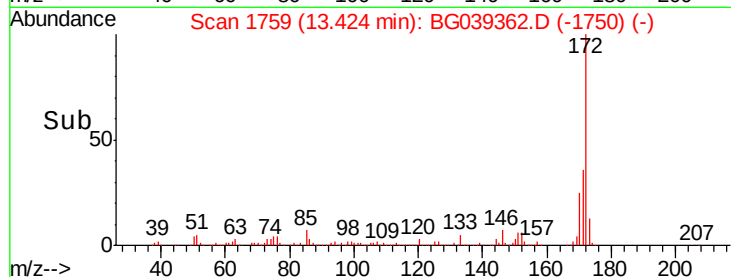
65 100

92 197.6 51.4 77.2#

138 29.0 71.4 107.2#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#51

2,6-Dinitrotoluene

Concen: 13.769 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.41 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

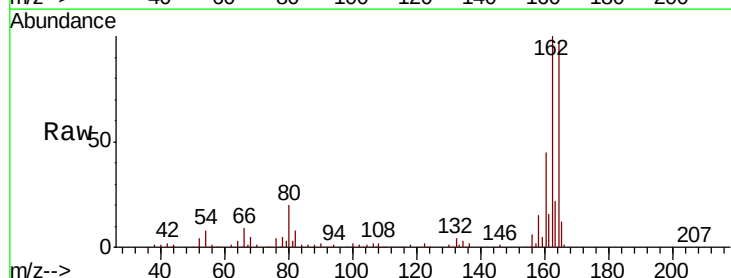
Tgt Ion: 165 Resp: 16636

Ion Ratio Lower Upper

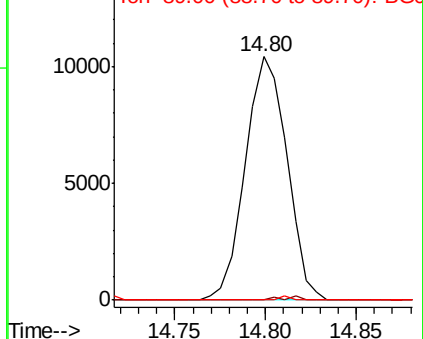
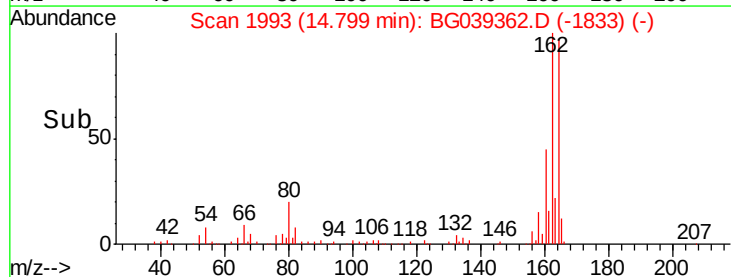
165 100

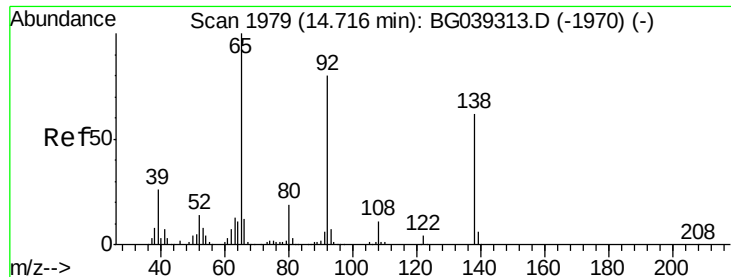
63 0.0 47.0 70.6#

89 0.0 45.8 68.8#



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

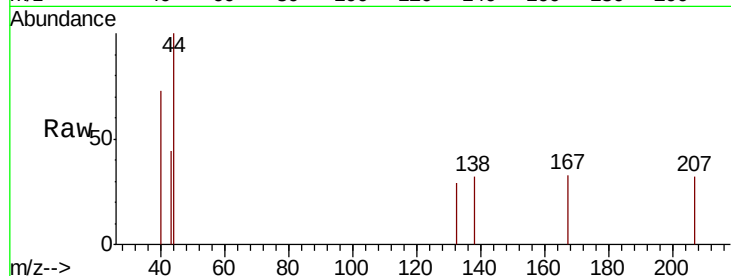




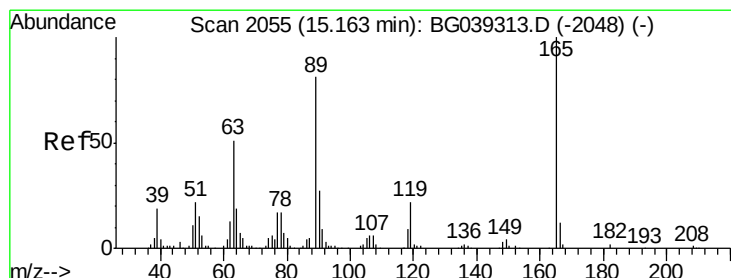
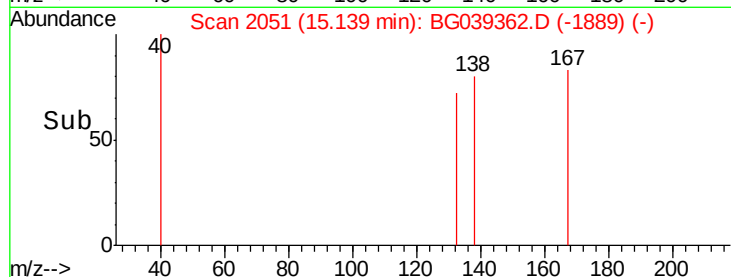
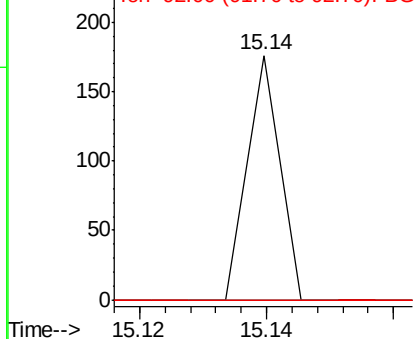
#53
3-Nitroaniline
Concen: 5.818 ng
RT: 15.14 min Scan# 2051
Delta R.T. 0.42 min
Lab File: BG039362.D
Acq: 5 Feb 2019 20:05

Instrument :
BNA_G
ClientSampleId :
PB116850BL

Tgt Ion:138 Resp: 62
Ion Ratio Lower Upper
138 100
108 0.0 13.8 20.8#
92 0.0 103.7 155.5#

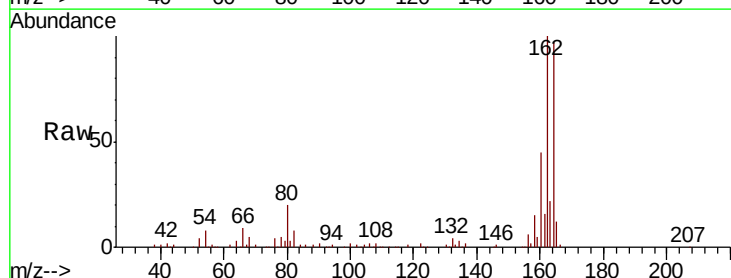


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

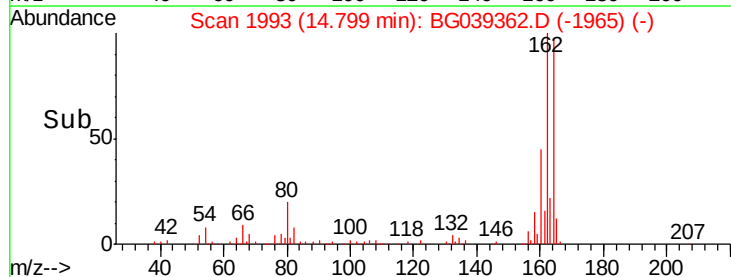
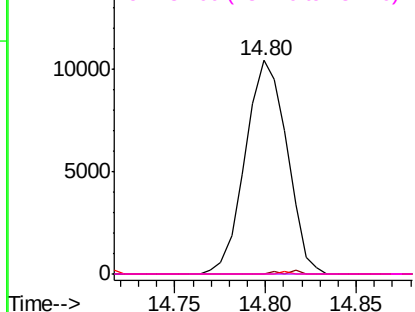


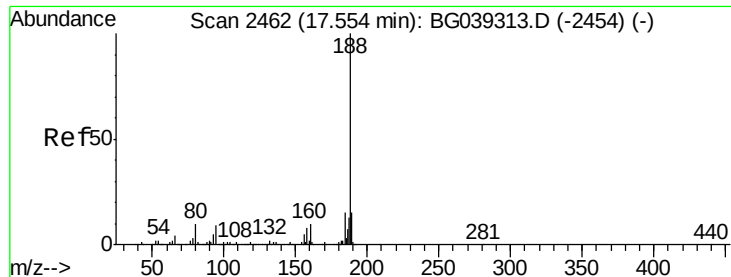
#57
2,4-Dinitrotoluene
Concen: 13.282 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.36 min
Lab File: BG039362.D
Acq: 5 Feb 2019 20:05

Tgt Ion:165 Resp: 16636
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 0.0 64.6 96.8#
182 0.0 2.0 3.0#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

Instrument :

BNA_G

ClientSampleId :

PB116850BL

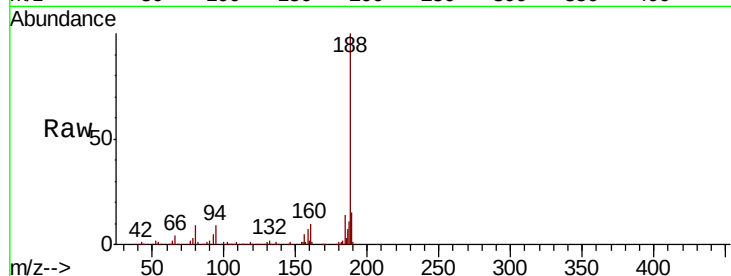
Tgt Ion:188 Resp: 323471

Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

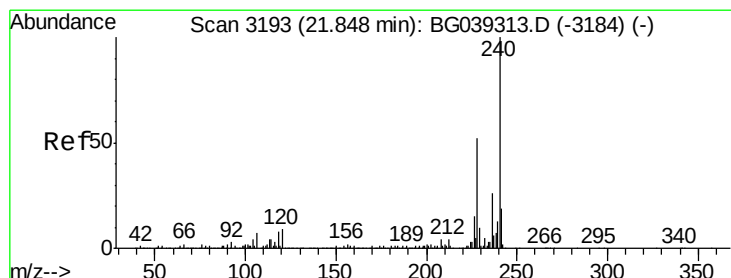
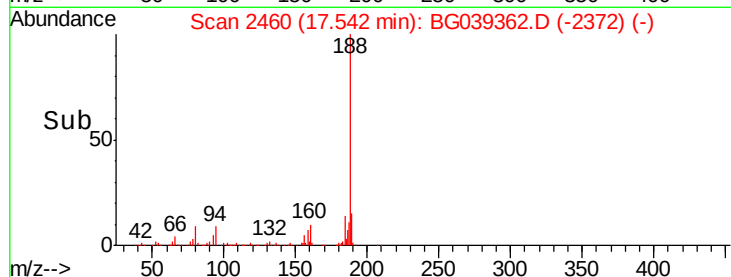
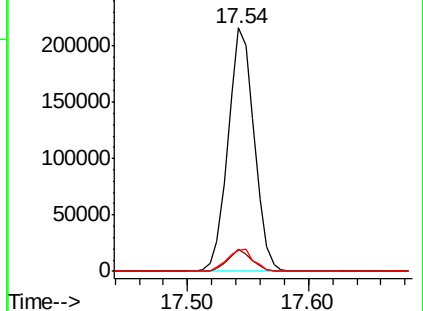
80 8.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

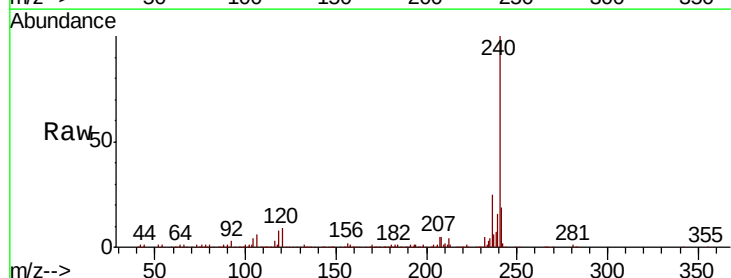
Tgt Ion:240 Resp: 365952

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

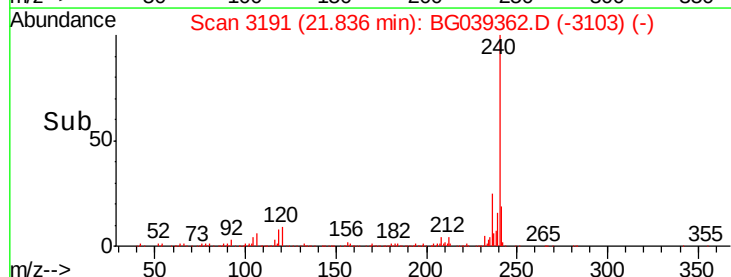
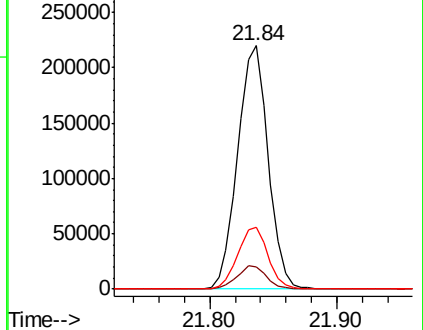
236 25.2 21.0 31.4

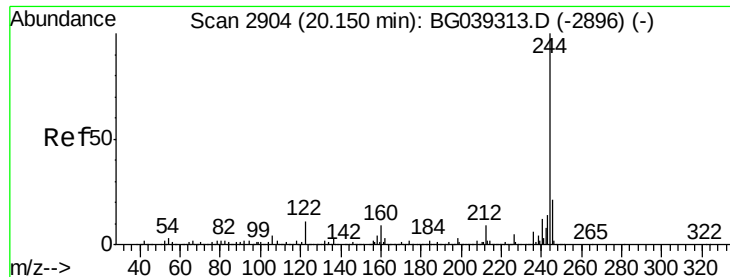


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.287 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

Instrument :

BNA_G

ClientSampleId :

PB116850BL

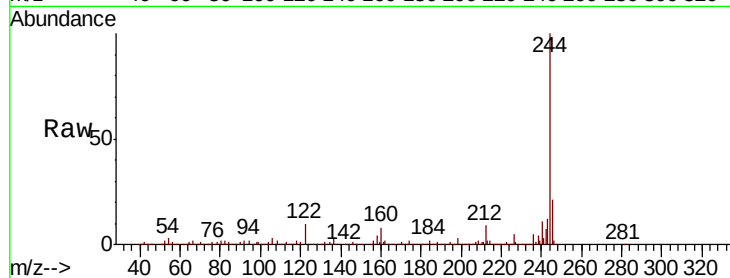
Tgt Ion:244 Resp: 1007719

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

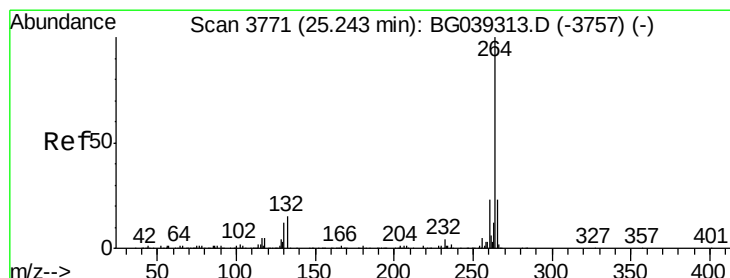
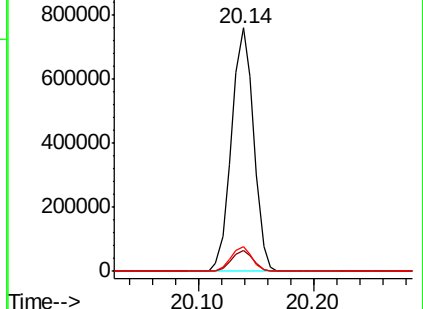
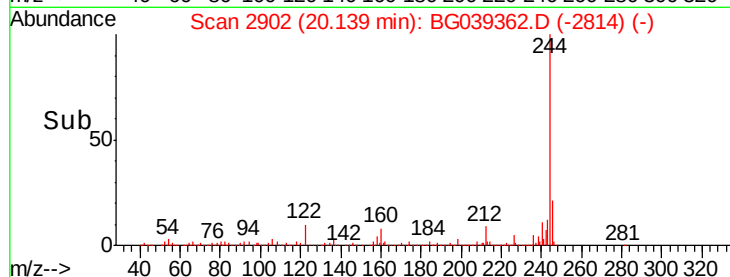
122 10.2 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.22 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

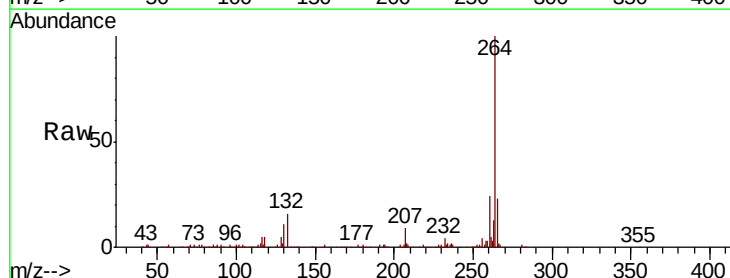
Tgt Ion:264 Resp: 358442

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 22.9 18.5 27.7



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

