

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020119\
 Data File : BG039347.D
 Acq On : 1 Feb 2019 17:54
 Operator : JU/SJ
 Sample : PB116762BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116762BL

Quant Time: Feb 02 01:02:57 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

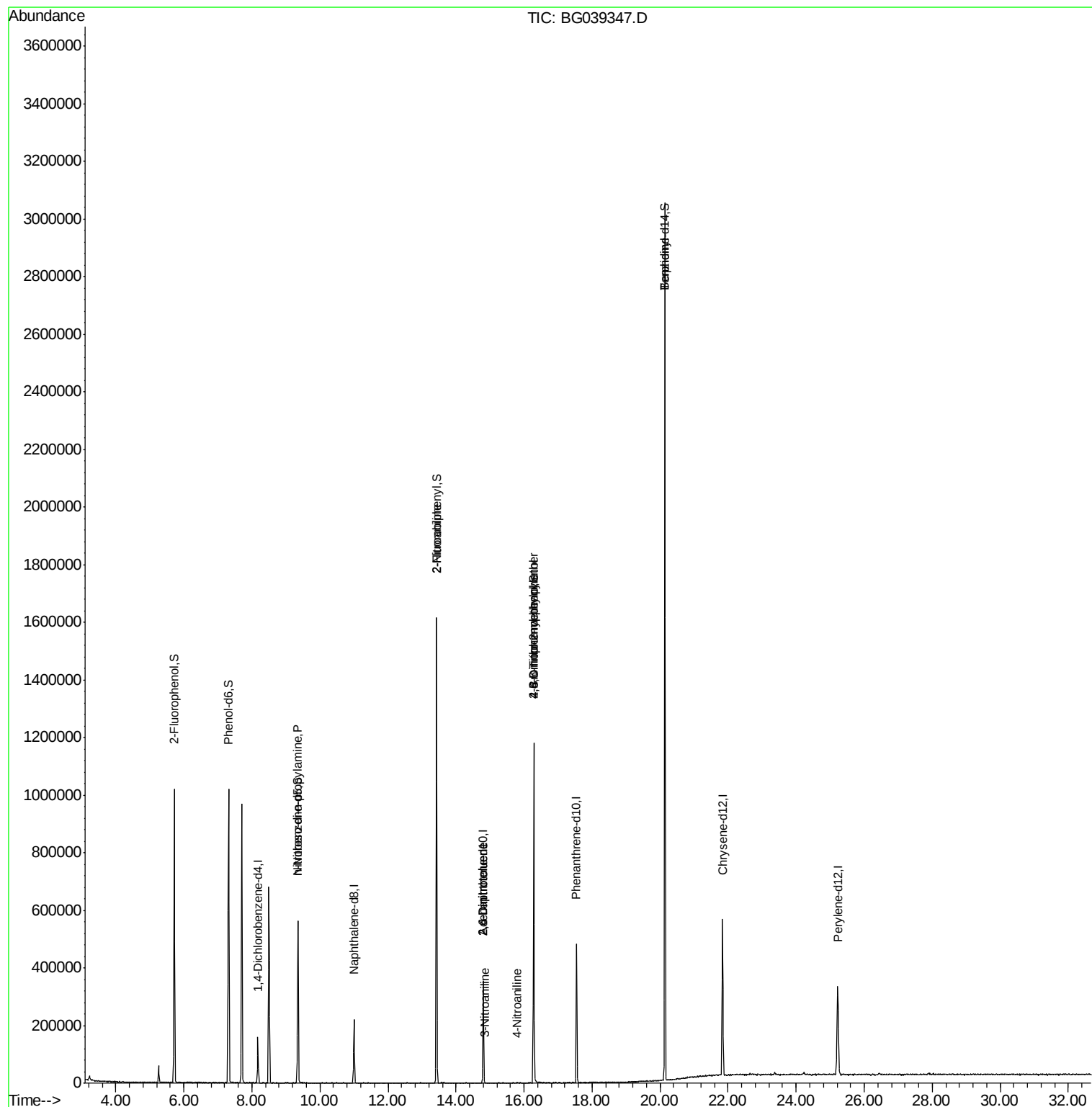
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	43782	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	189251	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	124828	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	297072	20.00	ng	-0.01
76) Chrysene-d12	21.84	240	335991	20.00	ng	-0.01
87) Perylene-d12	25.22	264	330163	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	408758	159.79	ng	0.00
7) Phenol-d6	7.31	99	579183	153.82	ng	0.00
23) Nitrobenzene-d5	9.35	82	323297	106.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	198554	147.71	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	833166	95.75	ng	0.00
79) Terphenyl-d14	20.14	244	1394704	87.86	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.31	77	1063	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.35	70	42492	15.899 ng	#	4
48) 2-Nitroaniline	13.43	65	1418	8.819 ng	#	4
51) 2,6-Dinitrotoluene	14.80	165	15289	13.565 ng	#	26
53) 3-Nitroaniline	14.84	138	63	5.820 ng	#	1
57) 2,4-Dinitrotoluene	14.80	165	15289	13.127 ng	#	21
62) 4-Nitroaniline	15.80	138	60	4.228 ng	#	10
65) 4,6-Dinitro-2-methylphenol	16.28	198	864	5.107 ng	#	7
67) 4-Bromophenyl-phenylether	16.28	248	15711	4.767 ng	#	1
77) Benzidine	20.14	184	25084	2.277 ng	#	94

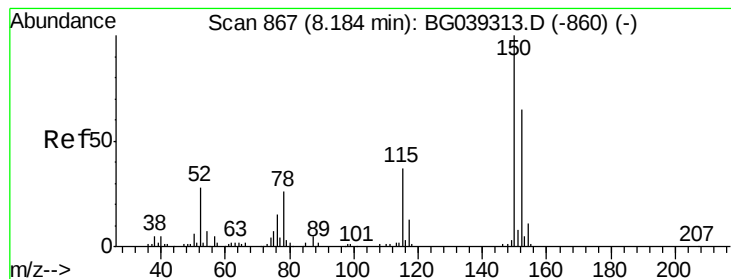
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020119\
Data File : BG039347.D
Acq On : 1 Feb 2019 17:54
Operator : JU/SJ
Sample : PB116762BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Quant Time: Feb 02 01:02:57 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



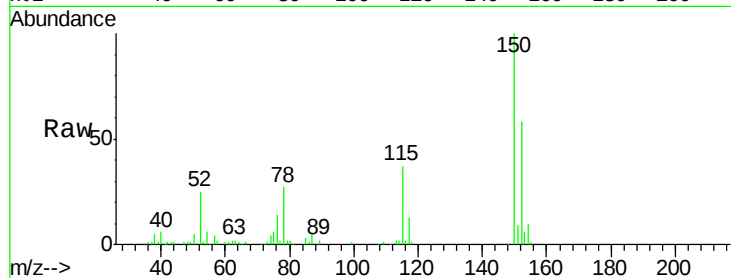


#1

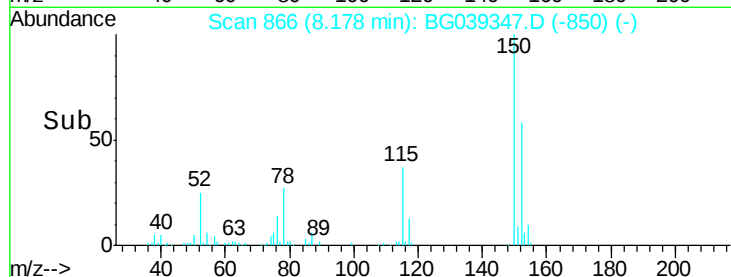
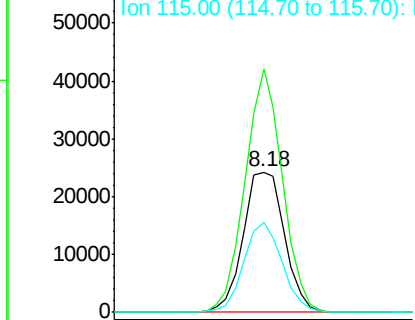
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion:152 Resp: 43782
Ion Ratio Lower Upper
152 100
150 173.7 123.7 185.5
115 63.8 45.9 68.9



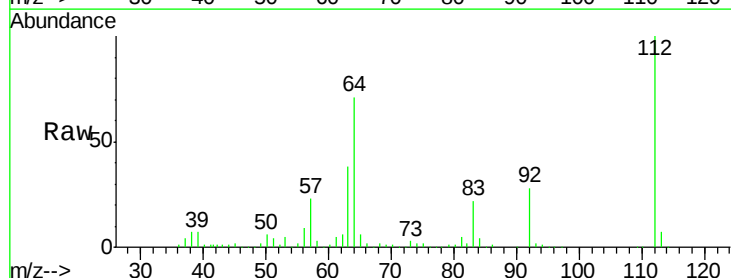
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



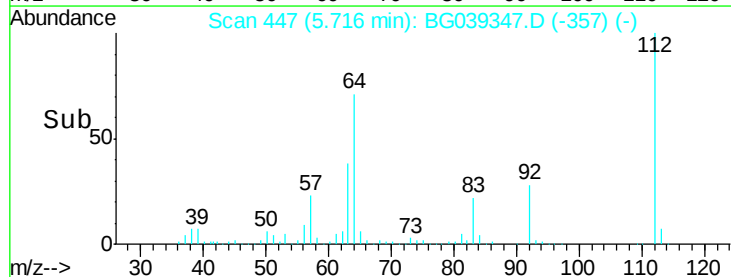
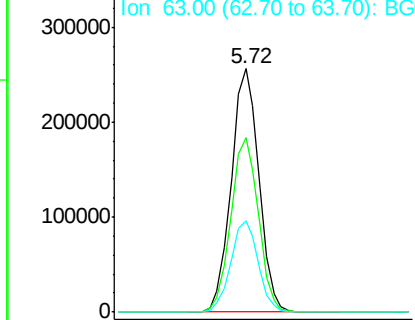
#5

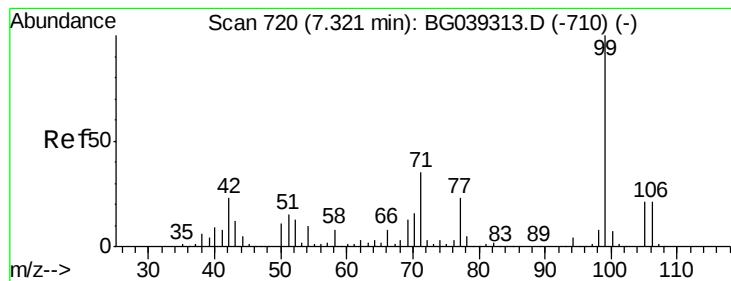
2-Fluorophenol
Concen: 159.790 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion:112 Resp: 408758
Ion Ratio Lower Upper
112 100
64 71.5 57.8 86.8
63 37.7 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 153.815 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

Instrument :

BNA_G

ClientSampleId :

PB116762BL

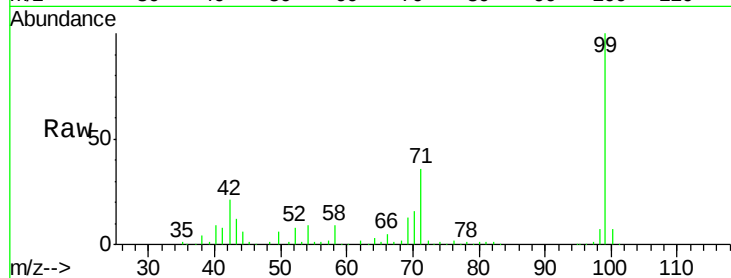
Tgt Ion: 99 Resp: 579183

Ion Ratio Lower Upper

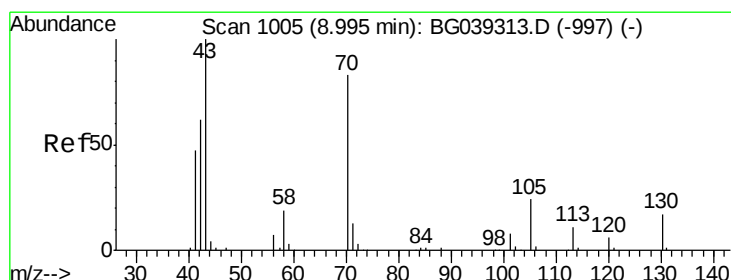
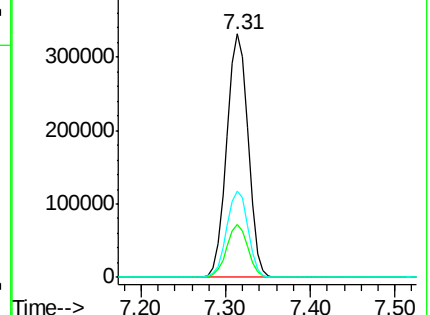
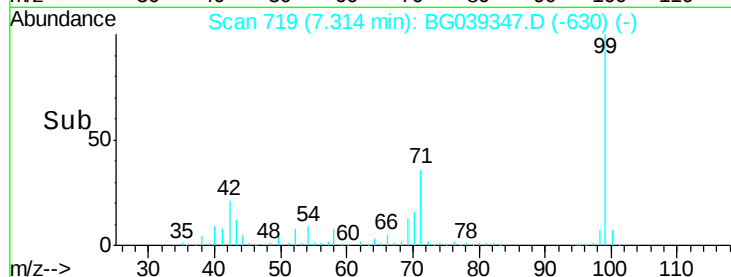
99 100

42 21.5 18.2 27.2

71 35.6 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: 15.899 ng

RT: 9.35 min Scan# 1066

Delta R.T. 0.36 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

Tgt Ion: 70 Resp: 42492

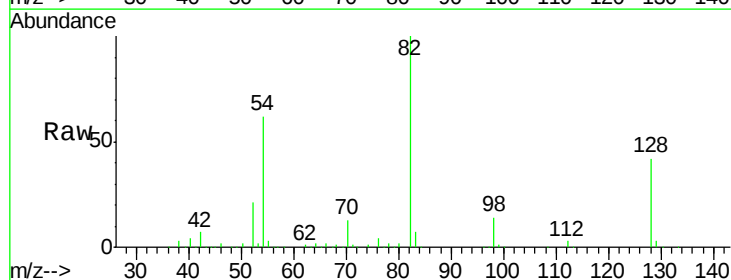
Ion Ratio Lower Upper

70 100

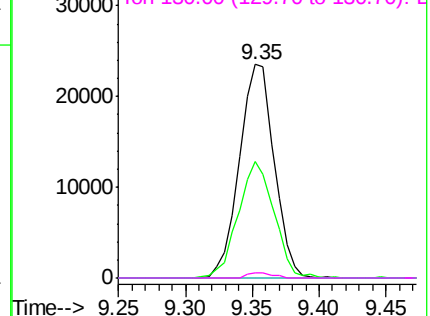
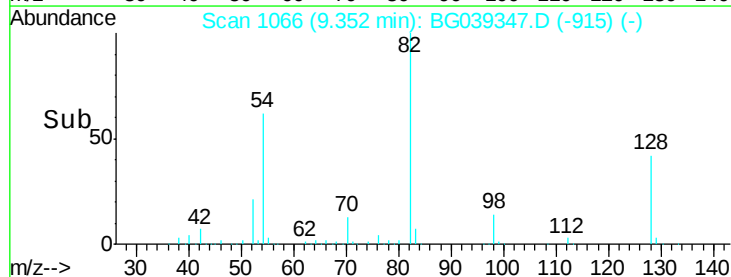
42 54.4 60.4 90.6#

101 0.0 7.5 11.3#

130 2.1 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

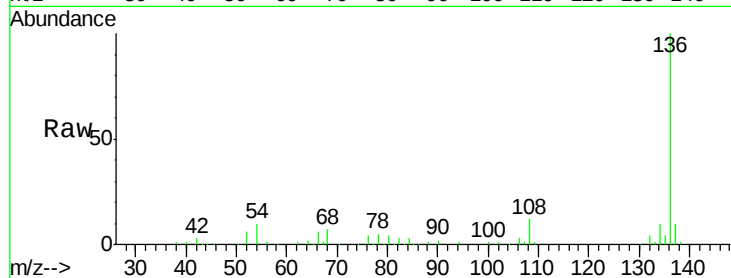




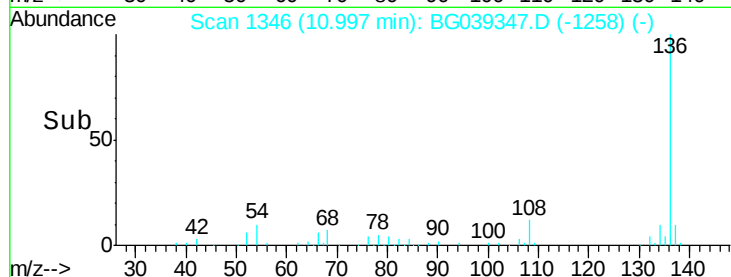
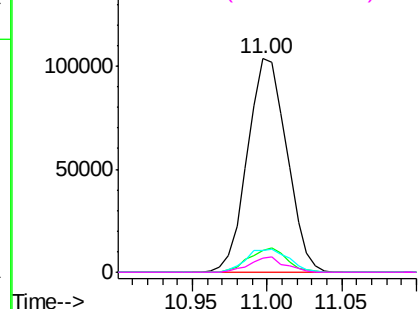
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion:	136	Resp:	189251
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.1	13.7
54	10.5	9.4	14.2
68	6.6	4.2	6.4#

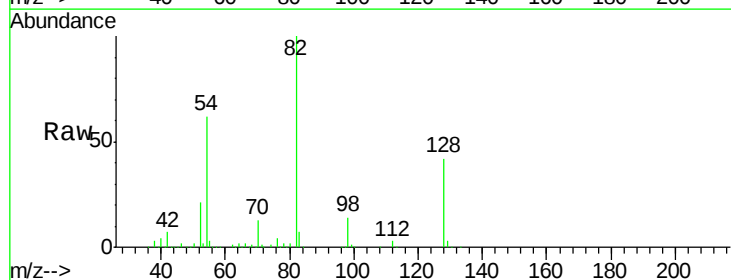


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

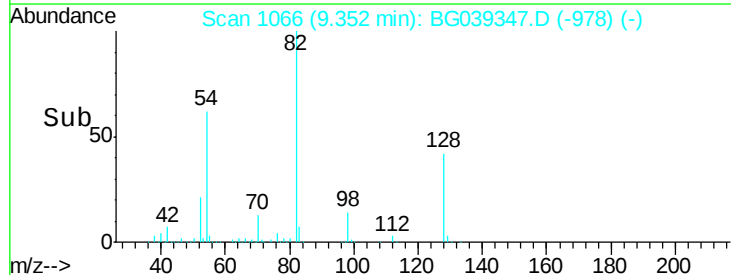
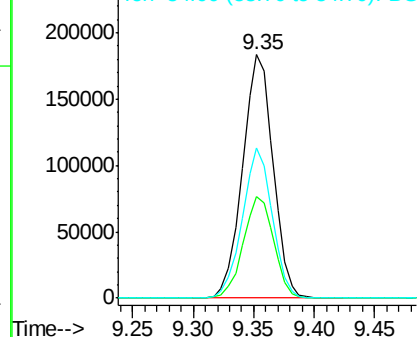


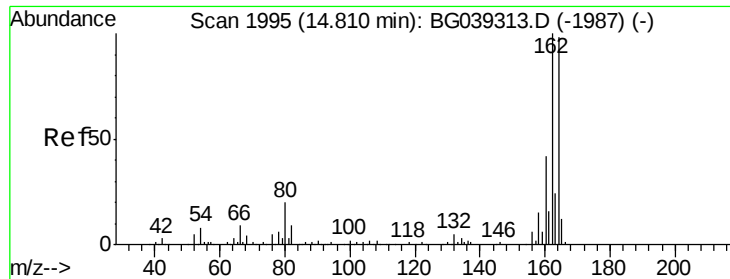
#23
Nitrobenzene-d5
Concen: 106.720 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion:	82	Resp:	323297
Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.3	46.9
54	61.6	50.9	76.3



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

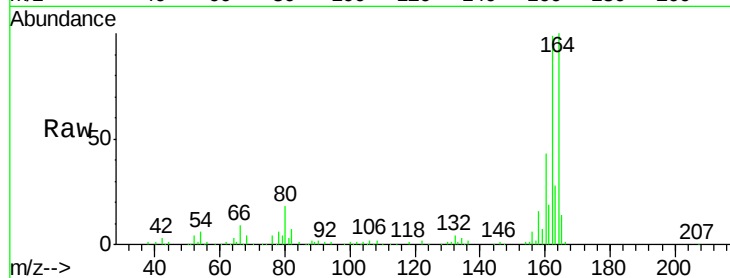




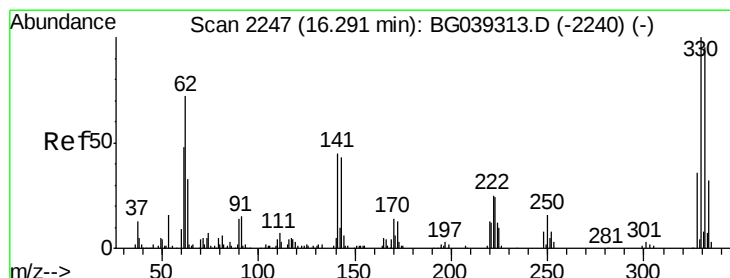
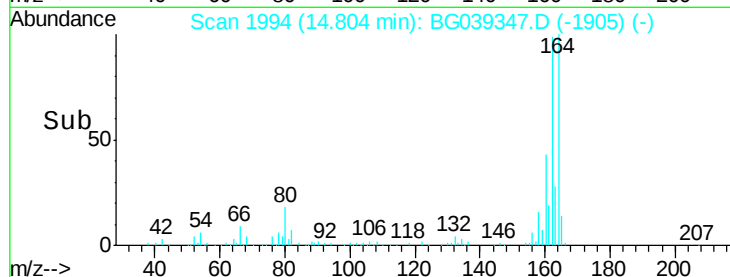
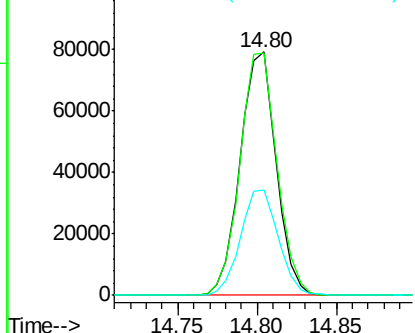
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion:164 Resp: 124828
Ion Ratio Lower Upper
164 100
162 99.3 81.6 122.4
160 43.4 34.2 51.2

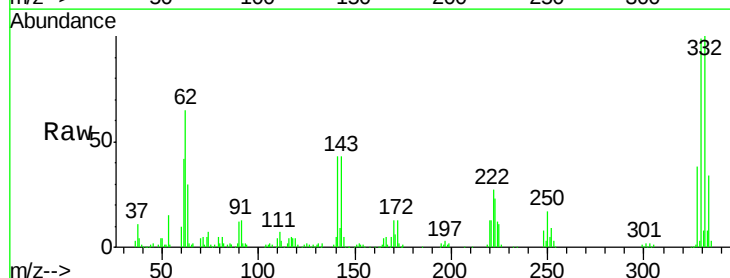


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

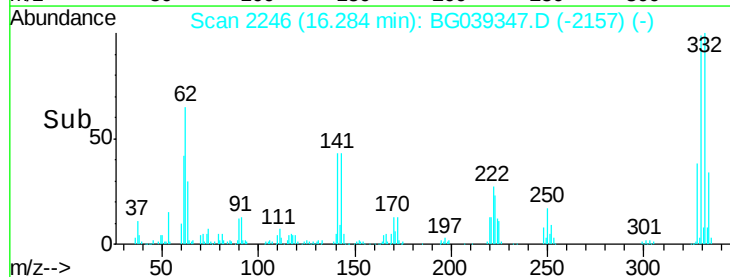
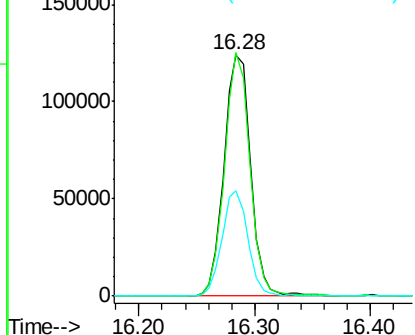


#42
2,4,6-Tribromophenol
Concen: 147.713 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion:330 Resp: 198554
Ion Ratio Lower Upper
330 100
332 96.3 75.7 113.5
141 42.9 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

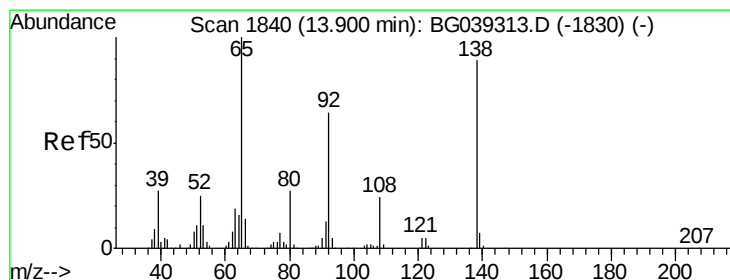
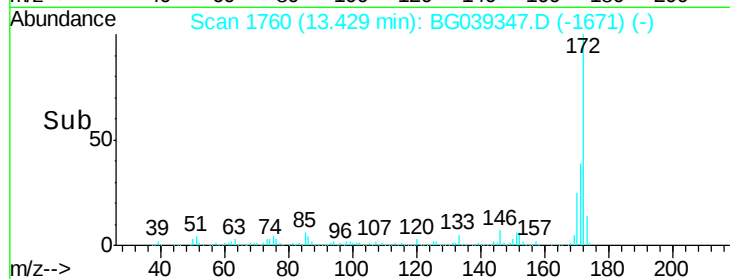
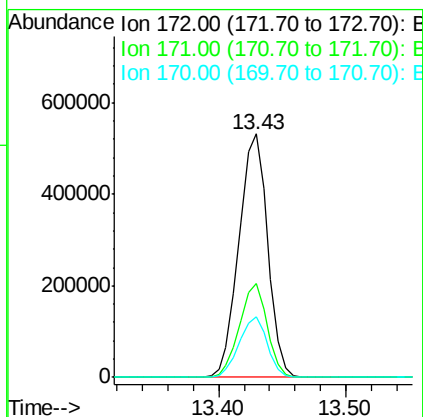
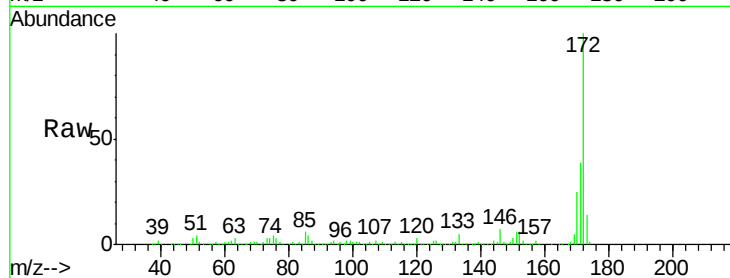




#45
2-Fluorobiphenyl
Concen: 95.749 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

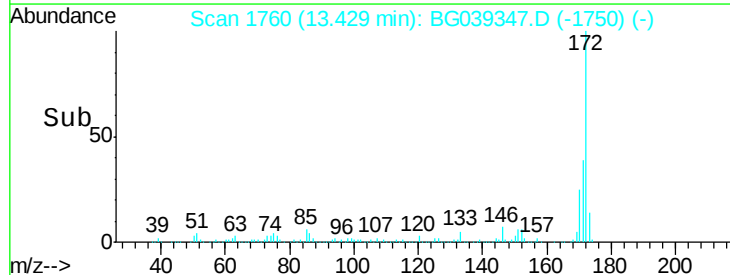
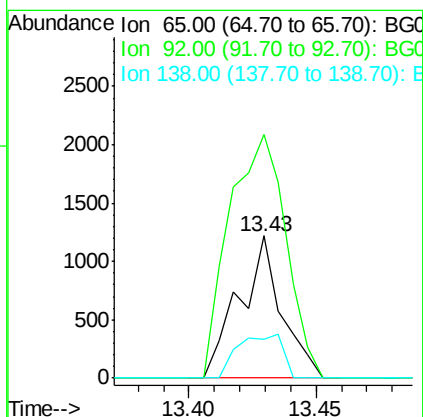
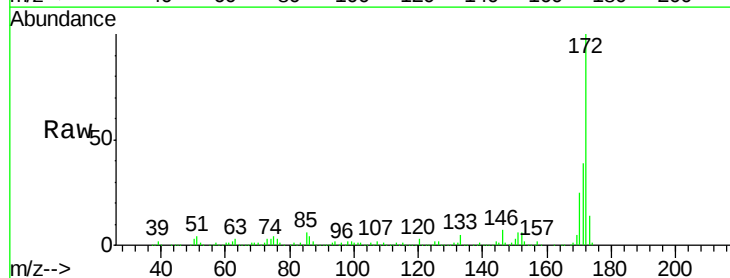
Instrument :
BNA_G
ClientSampleId :
PB116762BL

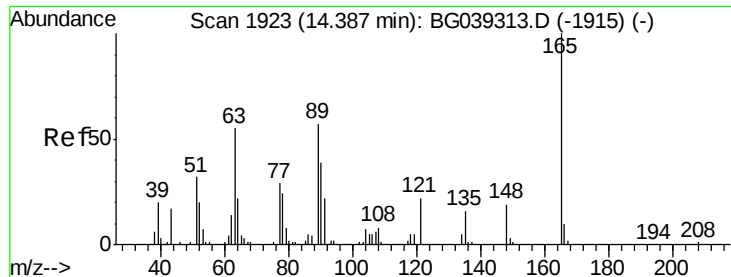
Tgt Ion: 172 Resp: 833166
Ion Ratio Lower Upper
172 100
171 38.7 30.8 46.2
170 24.9 20.2 30.4



#48
2-Nitroaniline
Concen: 8.819 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.47 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Tgt Ion: 65 Resp: 1418
Ion Ratio Lower Upper
65 100
92 171.6 51.4 77.2#
138 27.0 71.4 107.2#

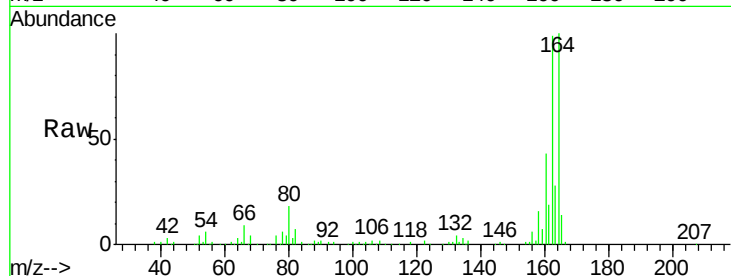




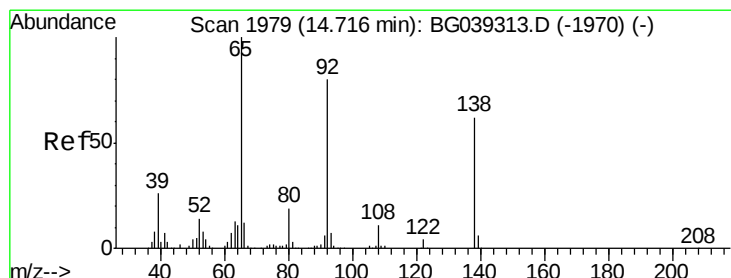
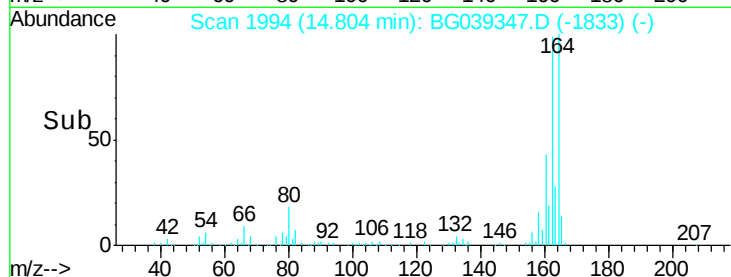
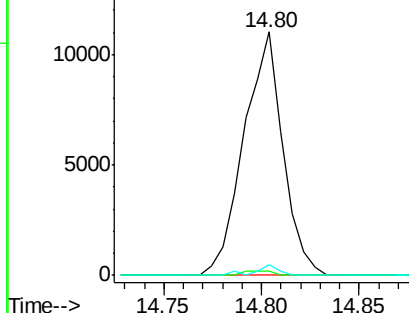
#51
 2,6-Dinitrotoluene
 Concen: 13.565 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. 0.42 min
 Lab File: BG039347.D
 Acq: 1 Feb 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB116762BL

Tgt Ion:165 Resp: 15289
 Ion Ratio Lower Upper
 165 100
 63 1.7 47.0 70.6#
 89 4.5 45.8 68.8#

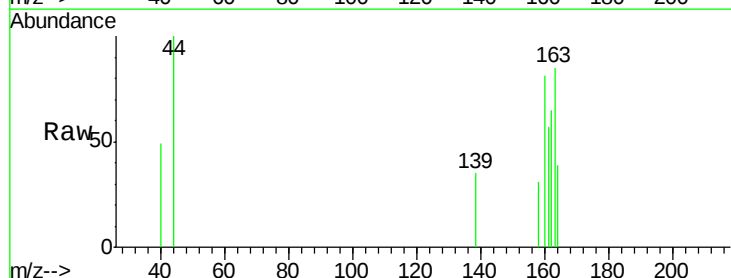


Abundance Ion 165.00 (164.70 to 165.70): E
 15000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

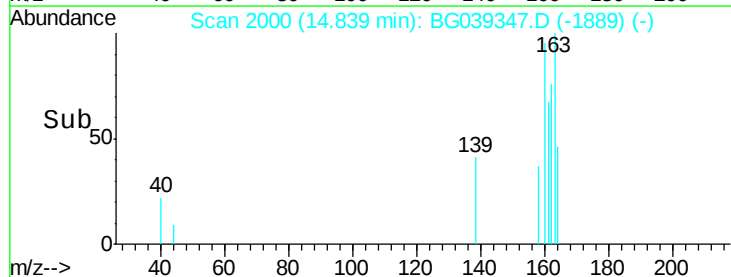
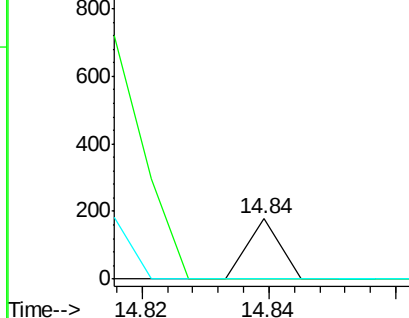


#53
 3-Nitroaniline
 Concen: 5.820 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. 0.12 min
 Lab File: BG039347.D
 Acq: 1 Feb 2019 17:54

Tgt Ion:138 Resp: 63
 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
 1000
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC





#57

2,4-Dinitrotoluene

Concen: 13.127 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.36 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

Instrument :

BNA_G

ClientSampleId :

PB116762BL

Tgt Ion:165 Resp: 15289

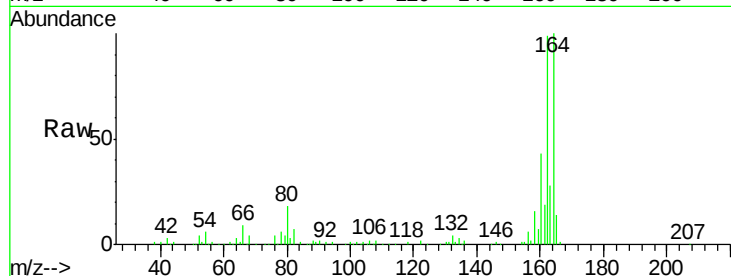
Ion Ratio Lower Upper

165 100

63 1.7 41.0 61.6#

89 4.5 64.6 96.8#

182 0.0 2.0 3.0#

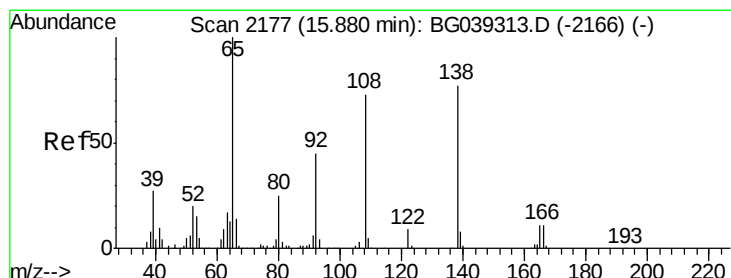
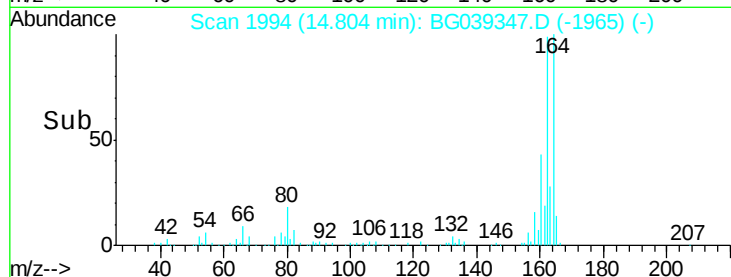
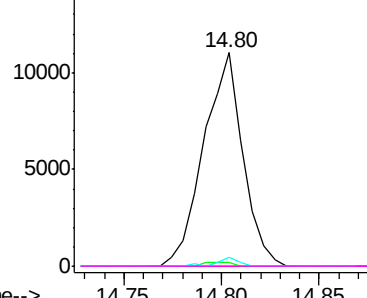


Abundance Ion 165.00 (164.70 to 165.70): E

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



#62

4-Nitroaniline

Concen: 4.228 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.08 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

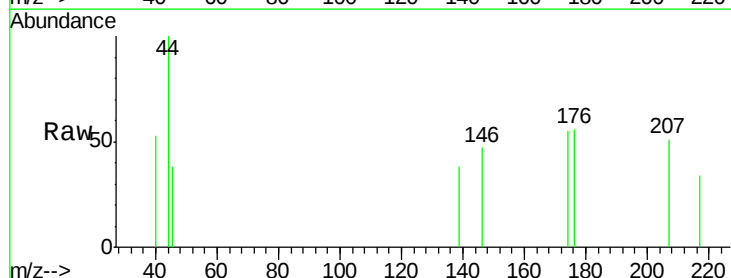
Tgt Ion:138 Resp: 60

Ion Ratio Lower Upper

138 100

92 0.0 38.7 78.7#

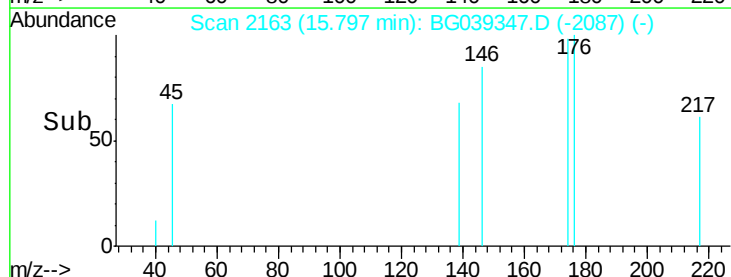
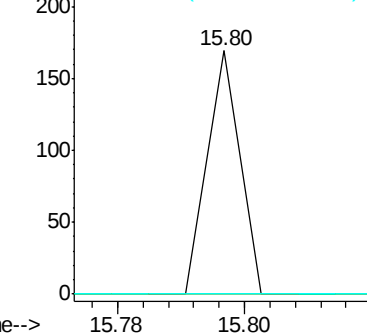
108 0.0 74.6 114.6#

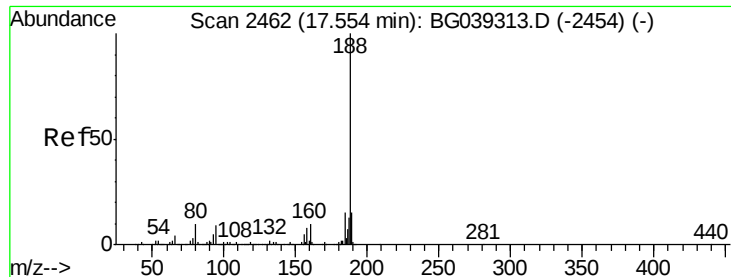


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

Instrument :

BNA_G

ClientSampleId :

PB116762BL

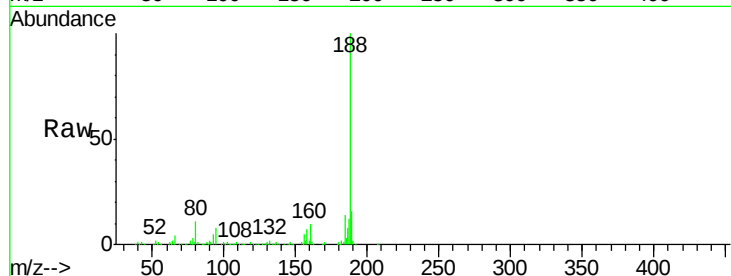
Tgt Ion:188 Resp: 297072

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

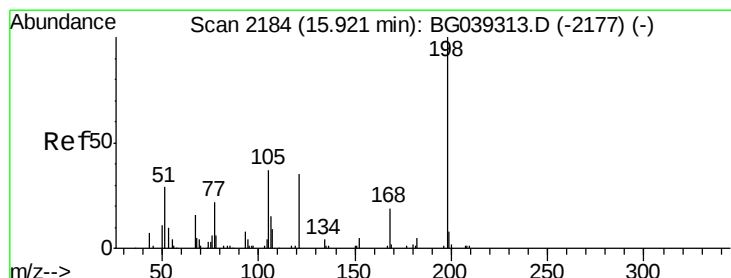
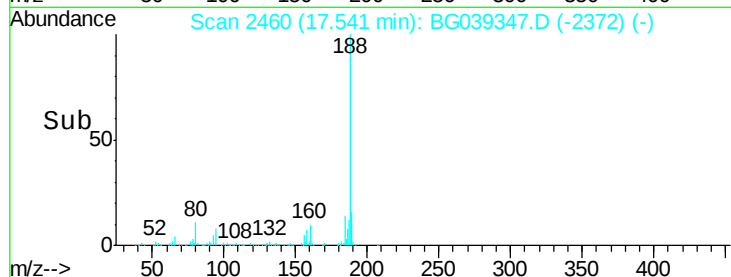
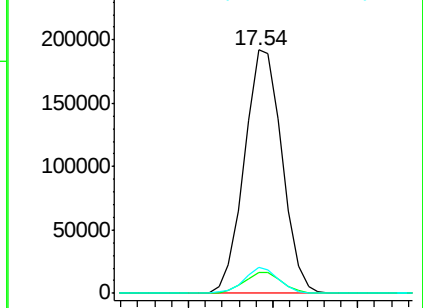
80 10.6 8.1 12.1



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



#65

4,6-Dinitro-2-methylphenol

Concen: 5.107 ng

RT: 16.28 min Scan# 2246

Delta R.T. 0.36 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

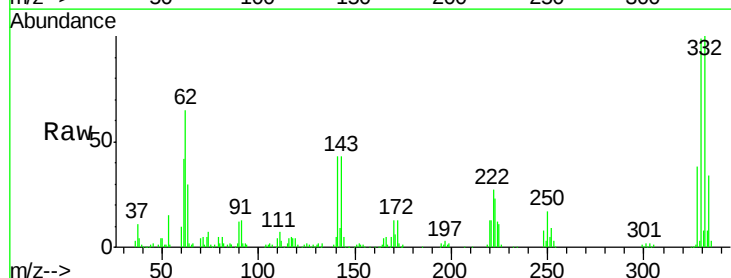
Tgt Ion:198 Resp: 864

Ion Ratio Lower Upper

198 100

51 102.4 27.4 67.4#

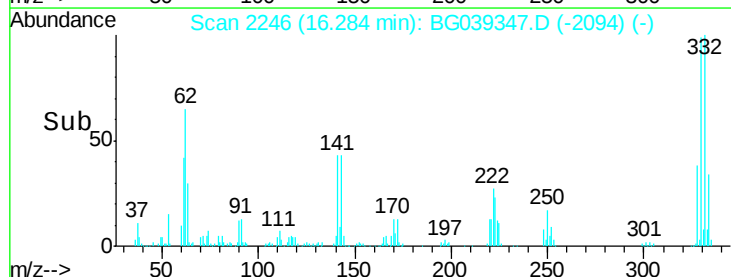
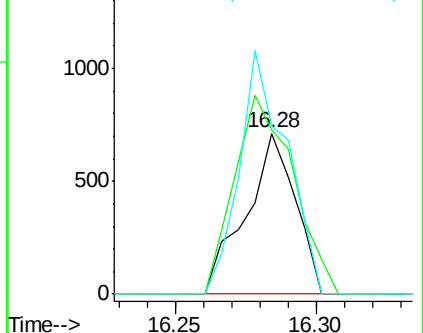
105 104.9 19.7 59.7#

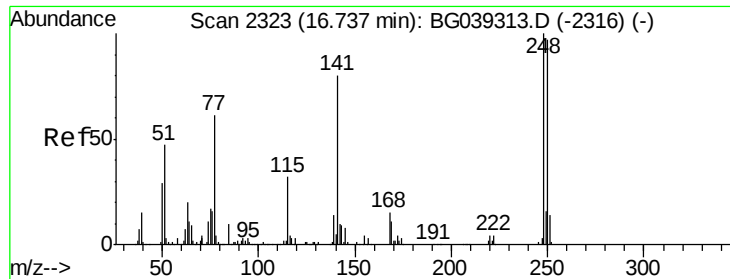


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

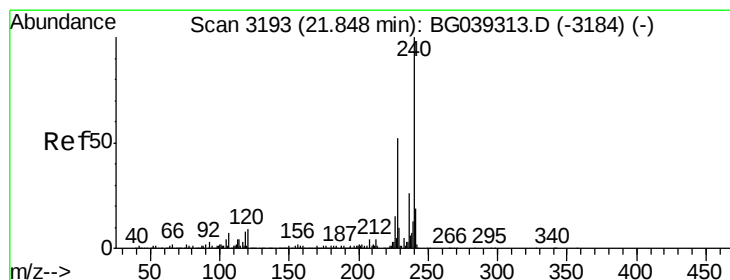
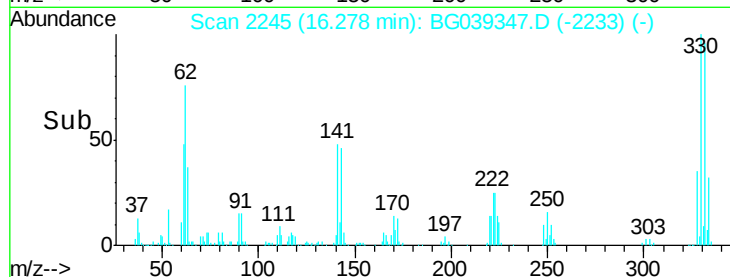
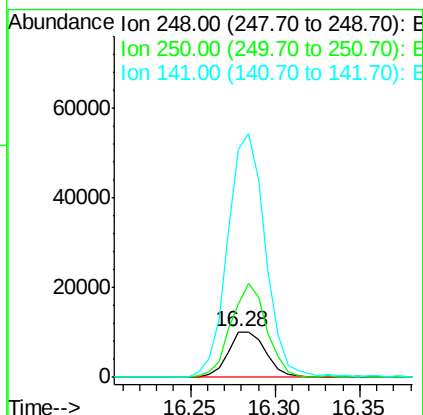
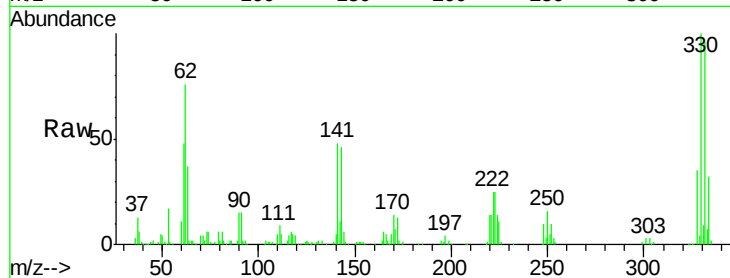




#67
 4-Bromophenyl-phenylether
 Concen: 4.767 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.46 min
 Lab File: BG039347.D
 Acq: 1 Feb 2019 17:54

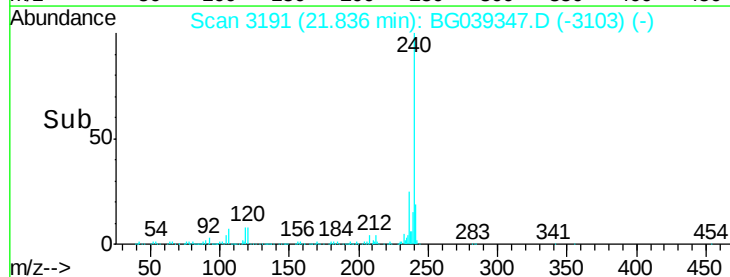
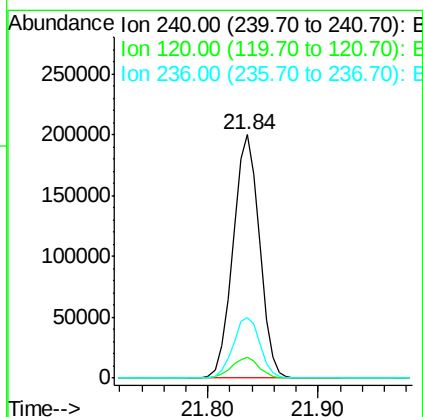
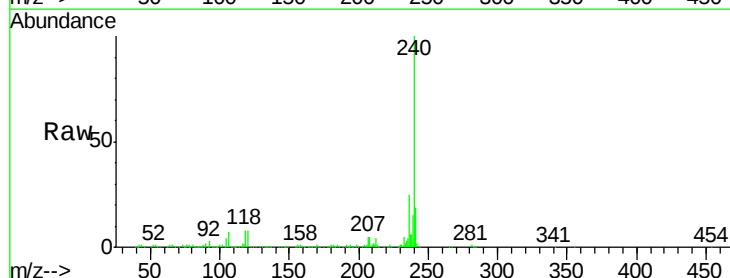
Instrument :
 BNA_G
 ClientSampleId :
 PB116762BL

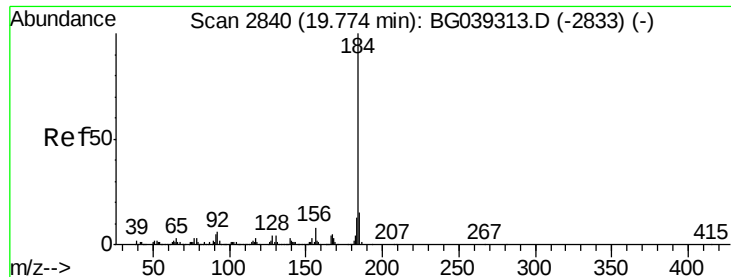
Tgt Ion:248 Resp: 15711
 Ion Ratio Lower Upper
 248 100
 250 162.0 77.6 116.4#
 141 501.3 63.9 95.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.84 min Scan# 3191
 Delta R.T. -0.01 min
 Lab File: BG039347.D
 Acq: 1 Feb 2019 17:54

Tgt Ion:240 Resp: 335991
 Ion Ratio Lower Upper
 240 100
 120 8.4 7.0 10.6
 236 24.9 21.0 31.4





#77

Benzidine

Concen: 2.277 ng

RT: 20.14 min Scan# 2902

Delta R.T. 0.36 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

Instrument :

BNA_G

ClientSampleId :

PB116762BL

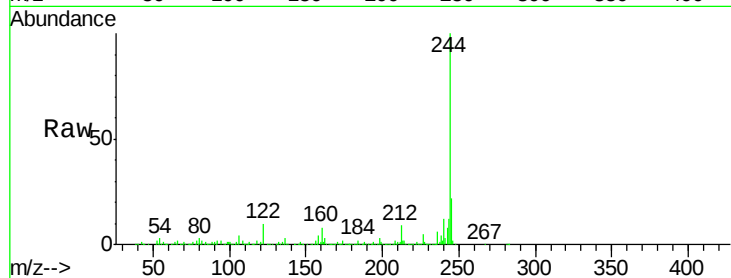
Tgt Ion:184 Resp: 25084

Ion Ratio Lower Upper

184 100

185 16.3 12.2 18.2

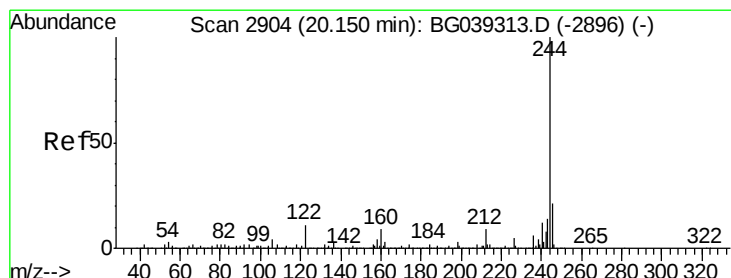
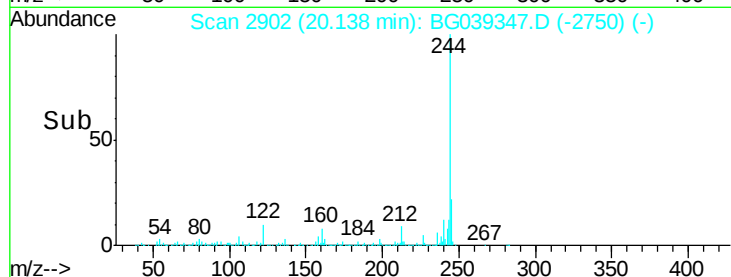
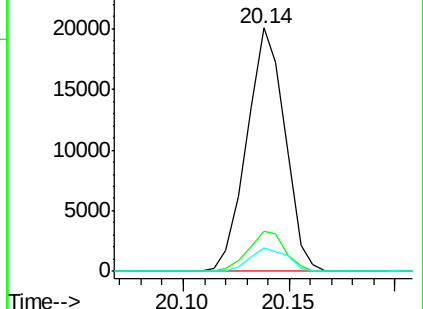
183 9.7 10.6 15.8#



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



#79

Terphenyl-d14

Concen: 87.864 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039347.D

Acq: 1 Feb 2019 17:54

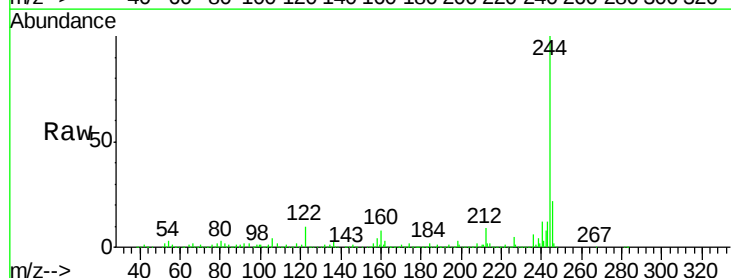
Tgt Ion:244 Resp: 1394704

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

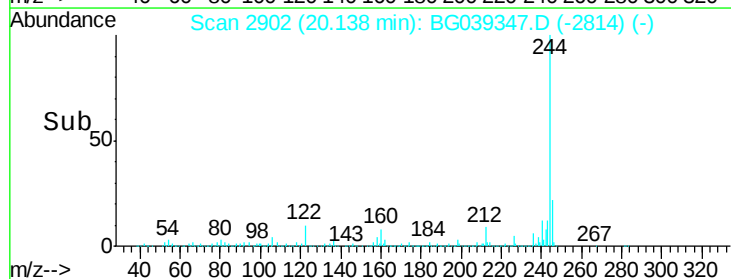
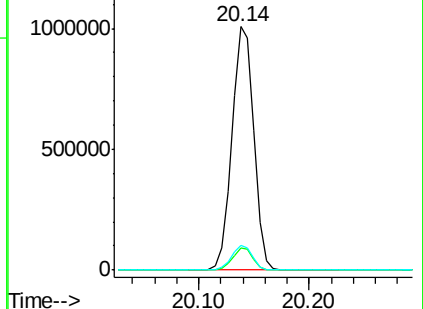
122 10.2 8.4 12.6

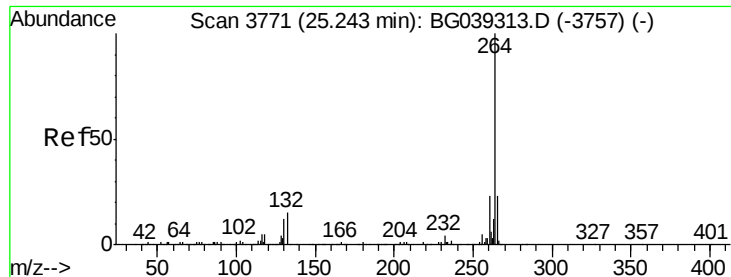


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

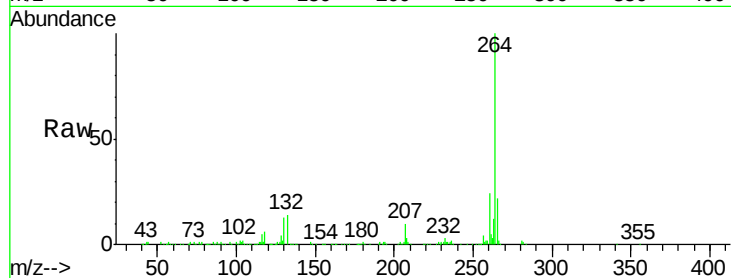




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BG039347.D
Acq: 1 Feb 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116762BL

Tgt Ion:	264	Resp:	330163
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.3	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

