

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020519\
 Data File : BG039361.D
 Acq On : 5 Feb 2019 19:26
 Operator : JU/SJ
 Sample : K1350-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-020419-C

Quant Time: Feb 05 21:32:49 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	50148	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	214291	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	134307	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	325937	20.00	ng	0.00
76) Chrysene-d12	21.83	240	358412	20.00	ng	-0.01
87) Perylene-d12	25.22	264	357366	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	380714	129.93	ng	0.00
7) Phenol-d6	7.32	99	492810	114.26	ng	0.00
23) Nitrobenzene-d5	9.36	82	343743	100.21	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	184555	127.61	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	861865	92.06	ng	0.00
79) Terphenyl-d14	20.14	244	1393535	82.30	ng	0.00

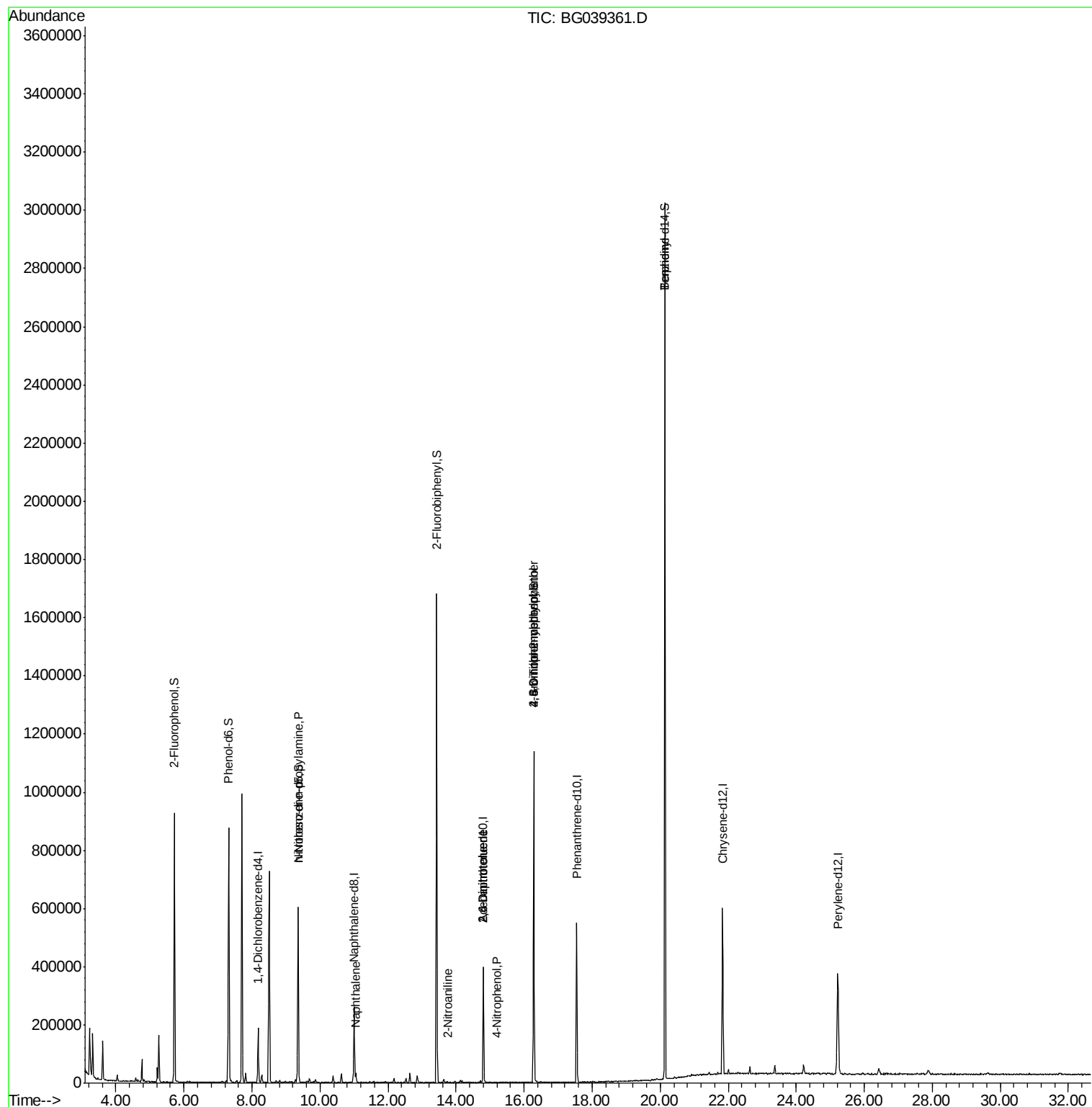
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.31	77	1032	Below Cal		# 52
19) n-Nitroso-di-n-propylamine	9.36	70	44249	14.455	ng	# 74
31) Naphthalene	11.05	128	26949	2.535	ng	# 96
48) 2-Nitroaniline	13.76	65	55	8.315	ng	# 10
51) 2,6-Dinitrotoluene	14.80	165	16931	13.769	ng	# 23
56) 4-Nitrophenol	15.20	139	98	5.840	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	16931	13.282	ng	# 18
65) 4,6-Dinitro-2-methylphenol	16.29	198	764	4.926	ng	# 1
67) 4-Bromophenyl-phenylether	16.29	248	14490	4.007	ng	# 1
77) Benzidine	20.14	184	24751	2.106	ng	# 93

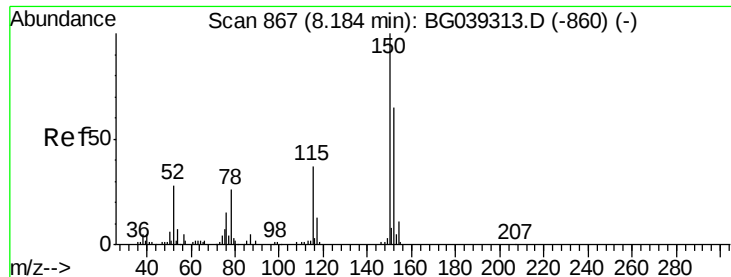
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020519\
Data File : BG039361.D
Acq On : 5 Feb 2019 19:26
Operator : JU/SJ
Sample : K1350-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-020419-C

Quant Time: Feb 05 21:32:49 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



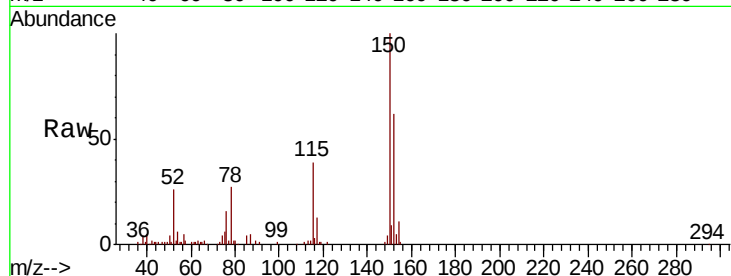


#1

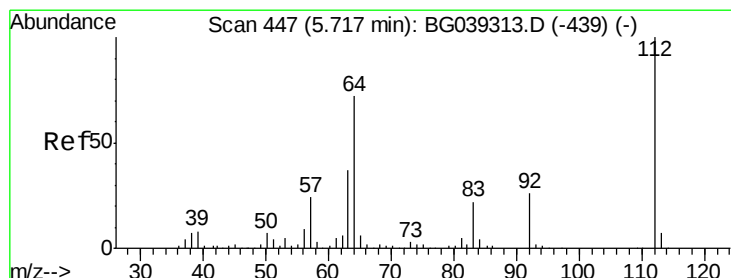
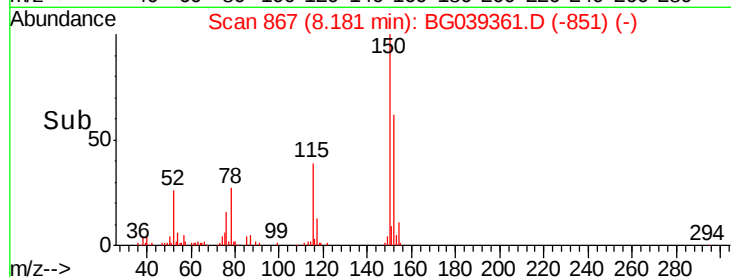
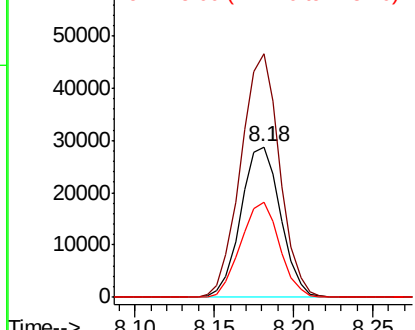
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Instrument :
BNA_G
ClientSampleId :
CL-02-020419-C

Tgt Ion:152 Resp: 50148
Ion Ratio Lower Upper
152 100
150 161.7 123.7 185.5
115 63.4 45.9 68.9



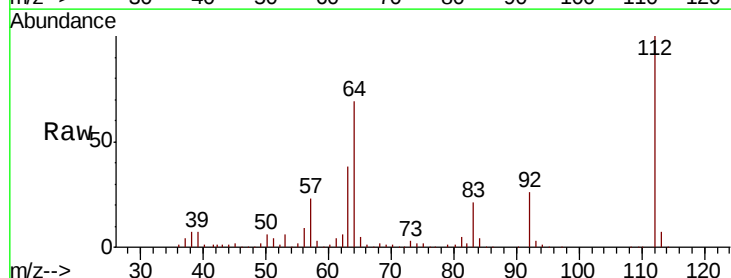
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



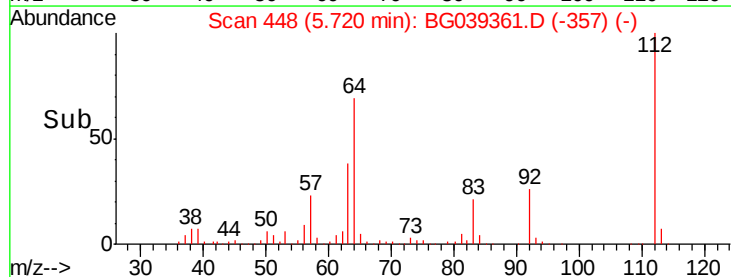
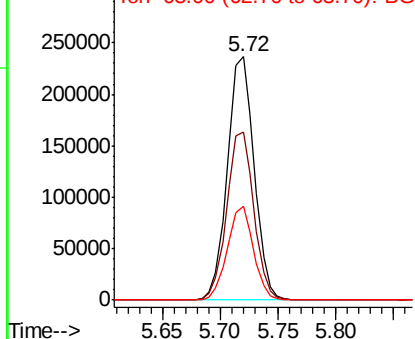
#5

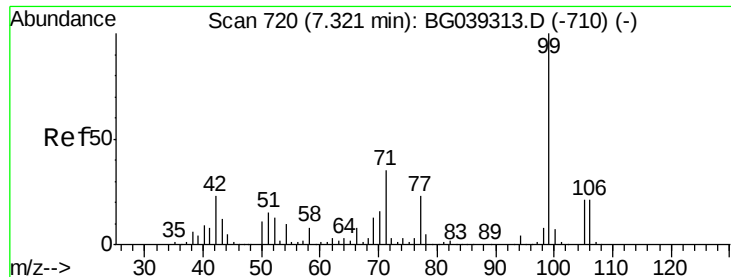
2-Fluorophenol
Concen: 129.934 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Tgt Ion:112 Resp: 380714
Ion Ratio Lower Upper
112 100
64 69.2 57.8 86.8
63 38.5 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: 114.263 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039361.D

Acq: 5 Feb 2019 19:26

Instrument :

BNA_G

ClientSampleId :

CL-02-020419-C

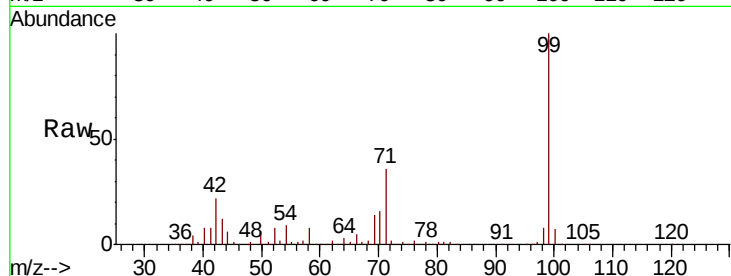
Tgt Ion: 99 Resp: 492810

Ion Ratio Lower Upper

99 100

42 21.6 18.2 27.2

71 35.9 28.0 42.0

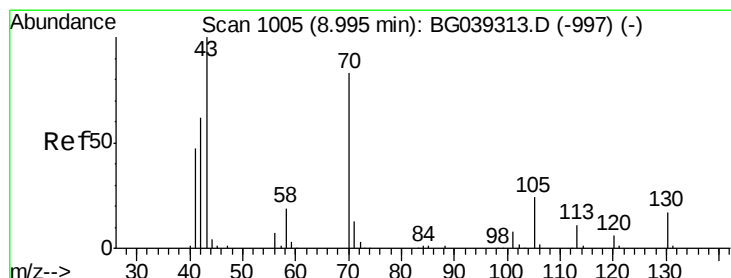
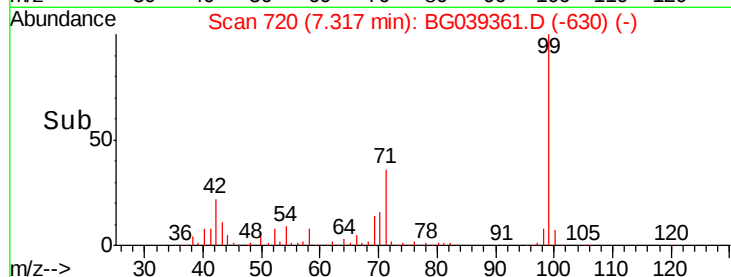
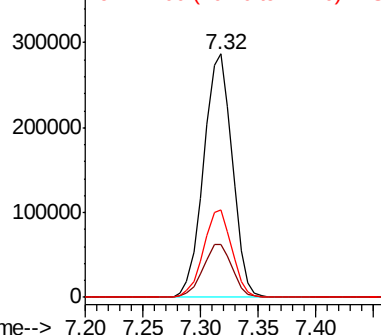


Abundance

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: 14.455 ng

RT: 9.36 min Scan# 1067

Delta R.T. 0.36 min

Lab File: BG039361.D

Acq: 5 Feb 2019 19:26

Tgt Ion: 70 Resp: 44249

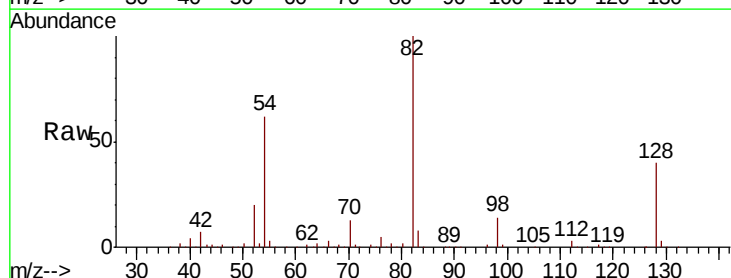
Ion Ratio Lower Upper

70 100

42 57.2 60.4 90.6#

101 0.0 7.5 11.3#

130 1.4 16.9 25.3#



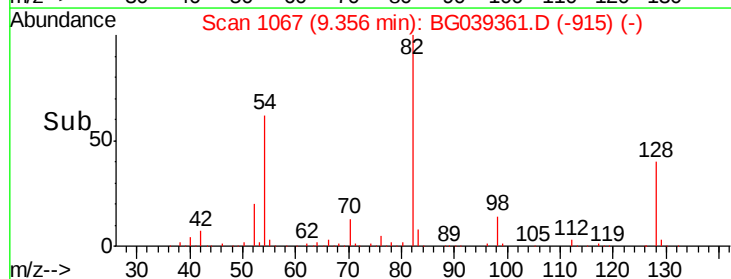
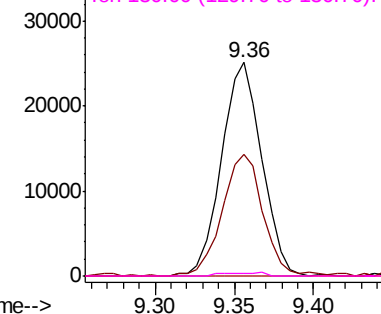
Abundance

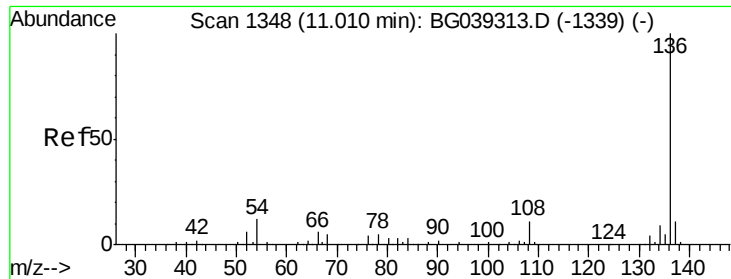
Ion 70.00 (69.70 to 70.70): BGC

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

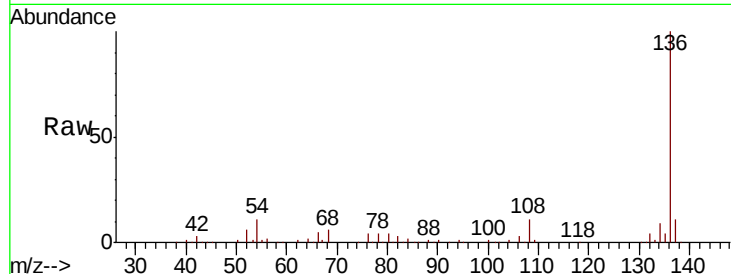




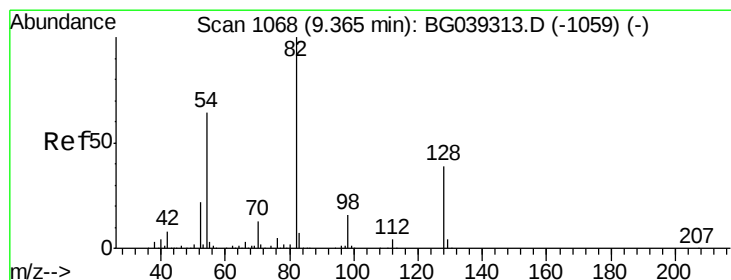
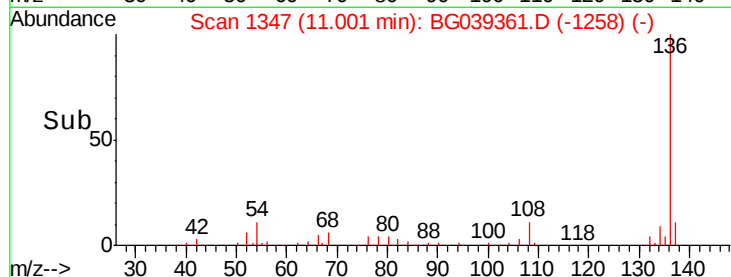
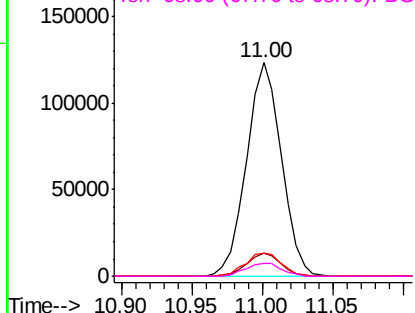
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Instrument :
BNA_G
ClientSampleId :
CL-02-020419-C

Tgt Ion:	136	Resp:	214291
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.6	9.4	14.2
68	5.9	4.2	6.4

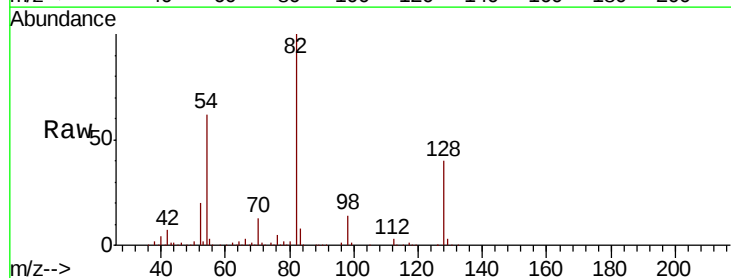


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

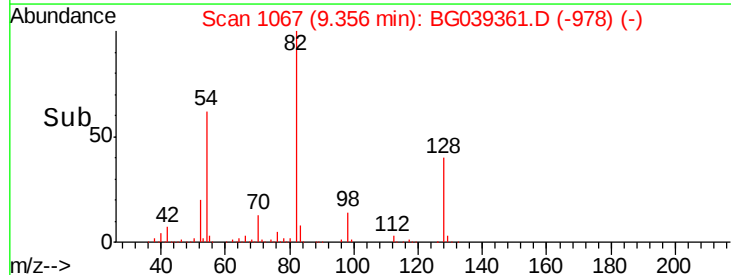
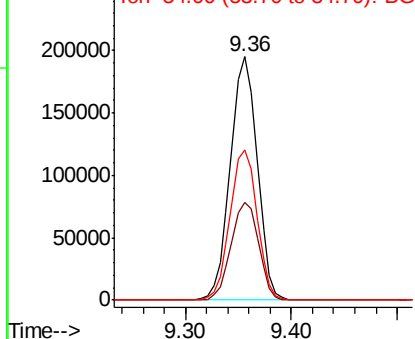


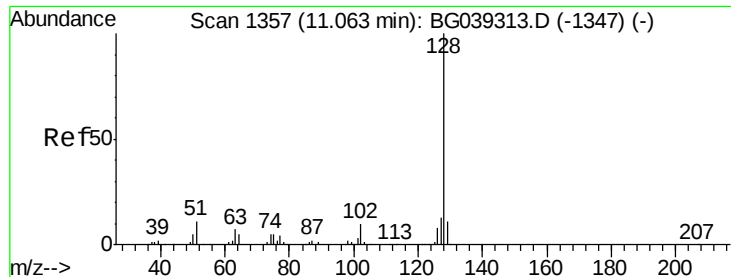
#23
Nitrobenzene-d5
Concen: 100.210 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Tgt Ion:	82	Resp:	343743
Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.3	46.9
54	61.6	50.9	76.3



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

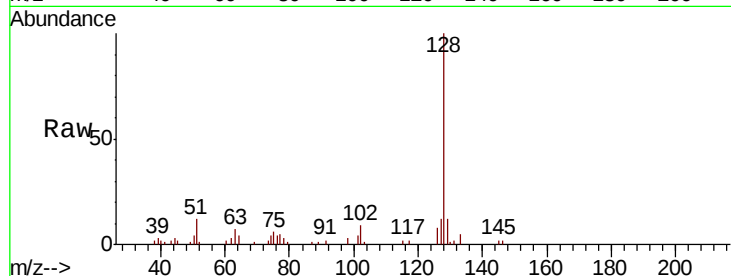




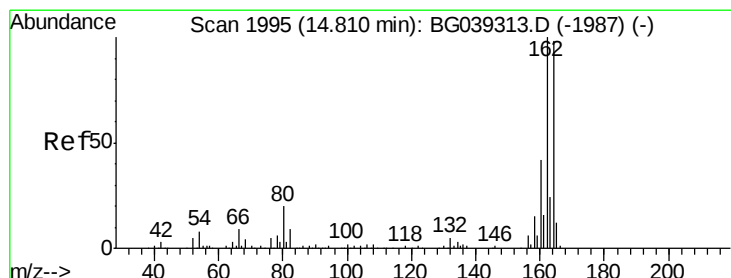
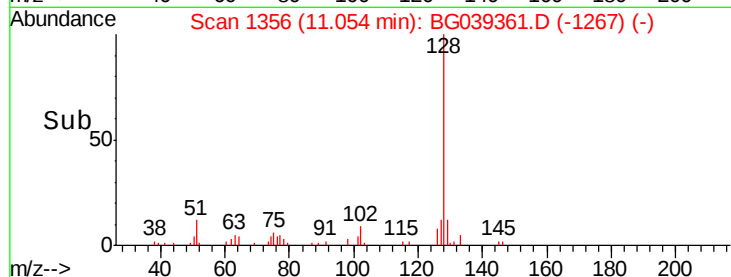
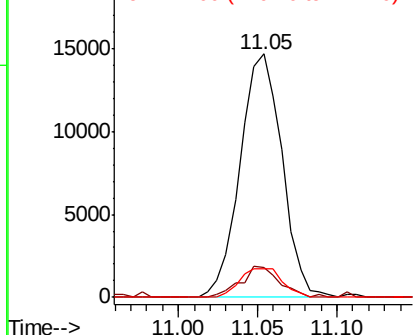
#31
Naphthalene
Concen: 2.535 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Instrument :
BNA_G
ClientSampleId :
CL-02-020419-C

Tgt Ion:128 Resp: 26949
Ion Ratio Lower Upper
128 100
129 12.3 8.7 13.1
127 11.9 10.8 16.2

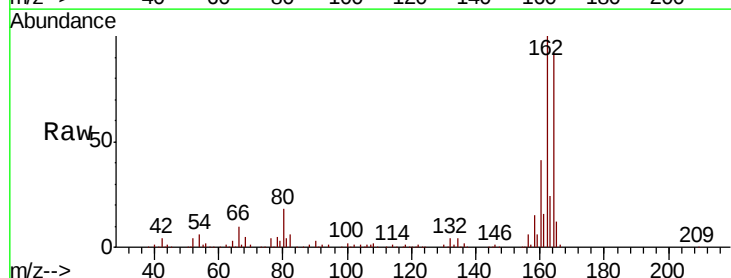


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

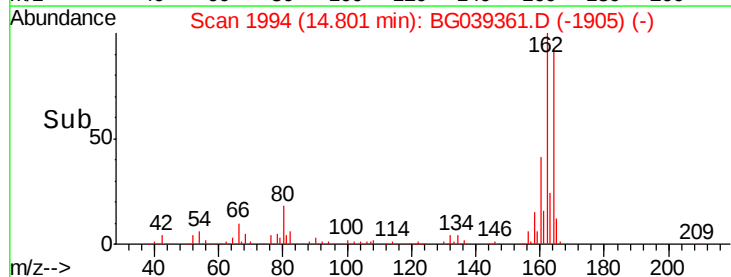
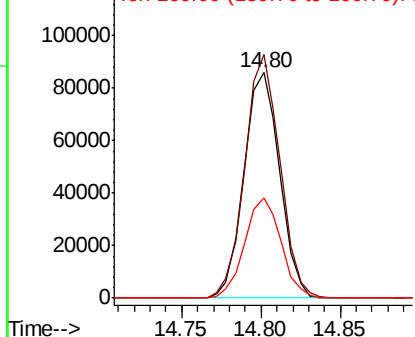


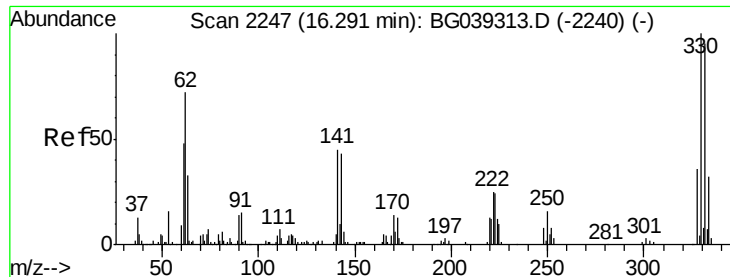
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Tgt Ion:164 Resp: 134307
Ion Ratio Lower Upper
164 100
162 108.1 81.6 122.4
160 44.6 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

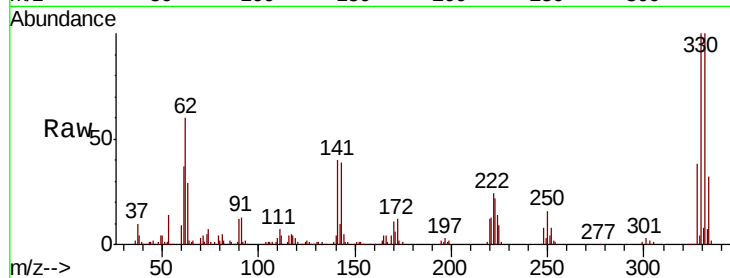




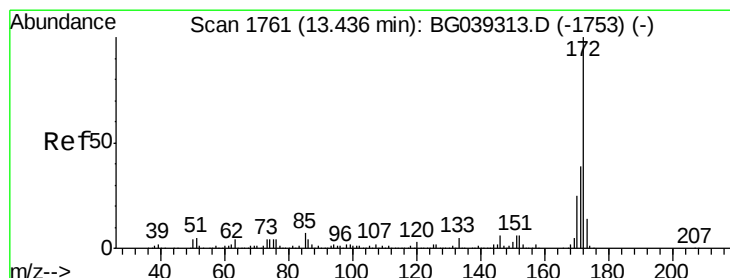
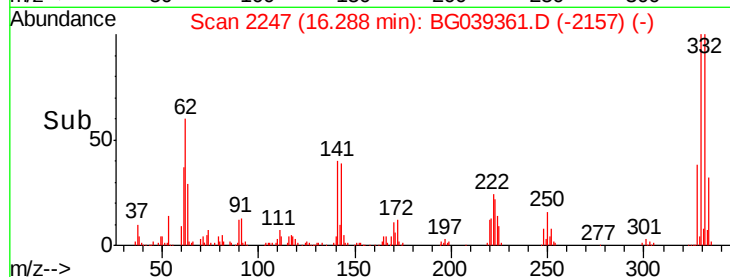
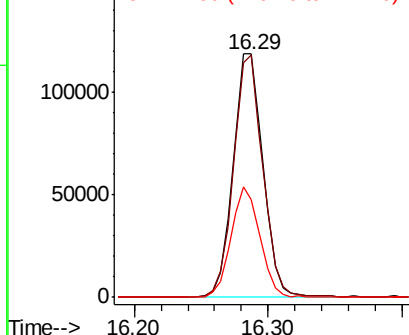
#42
 2,4,6-Tribromophenol
 Concen: 127.609 ng
 RT: 16.29 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BG039361.D
 Acq: 5 Feb 2019 19:26

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-020419-C

Tgt Ion:330 Resp: 184555
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.7 113.5
 141 44.0 35.6 53.4

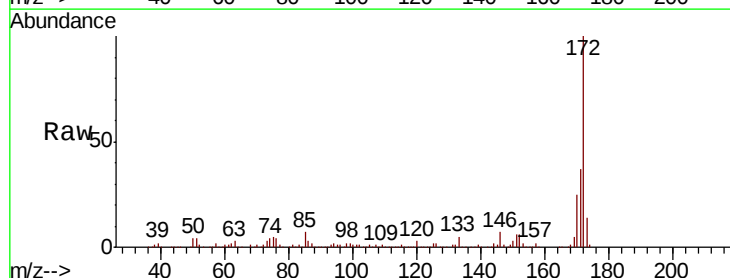


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

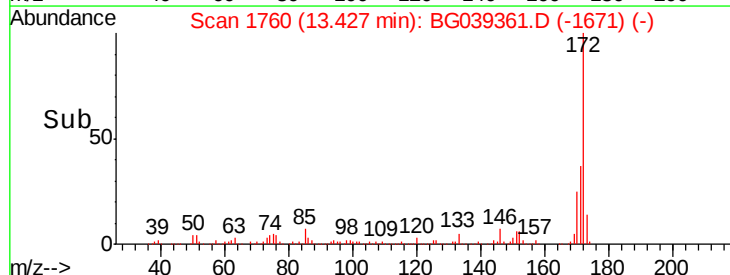
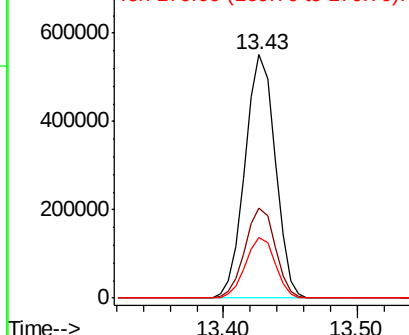


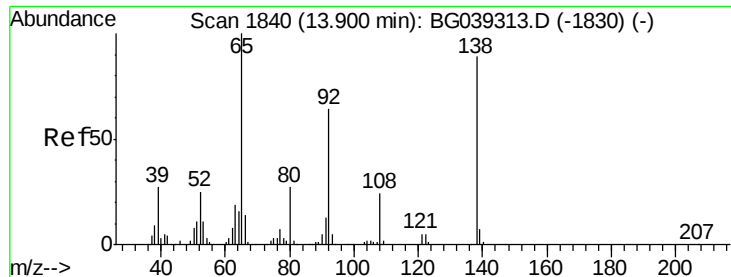
#45
 2-Fluorobiphenyl
 Concen: 92.057 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039361.D
 Acq: 5 Feb 2019 19:26

Tgt Ion:172 Resp: 861865
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 24.9 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: 8.315 ng

RT: 13.76 min Scan# 1816

Delta R.T. -0.14 min

Lab File: BG039361.D

Acq: 5 Feb 2019 19:26

Instrument :

BNA_G

ClientSampleId :

CL-02-020419-C

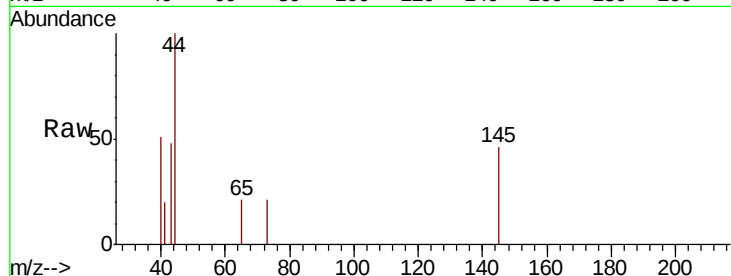
Tgt Ion: 65 Resp: 55

Ion Ratio Lower Upper

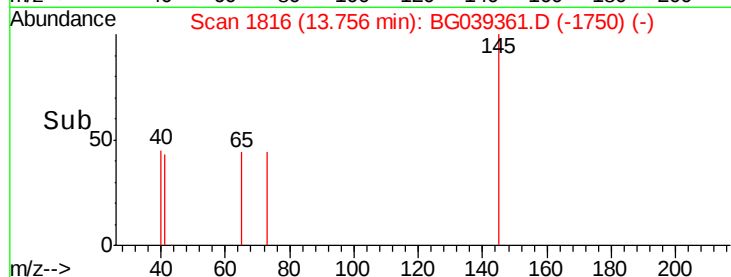
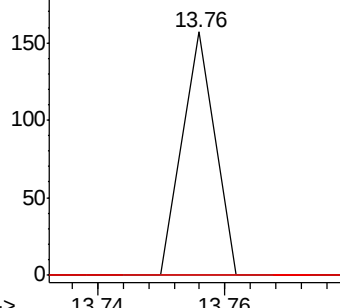
65 100

92 0.0 51.4 77.2#

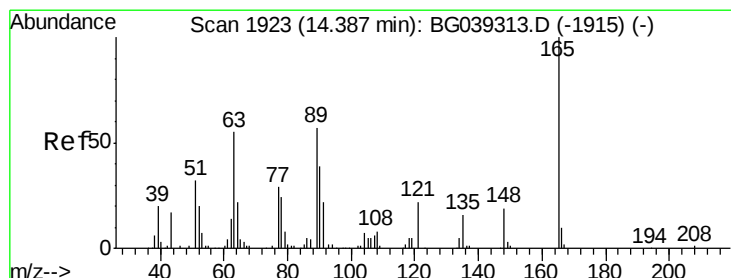
138 0.0 71.4 107.2#



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



Time-->



#51

2,6-Dinitrotoluene

Concen: 13.769 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.41 min

Lab File: BG039361.D

Acq: 5 Feb 2019 19:26

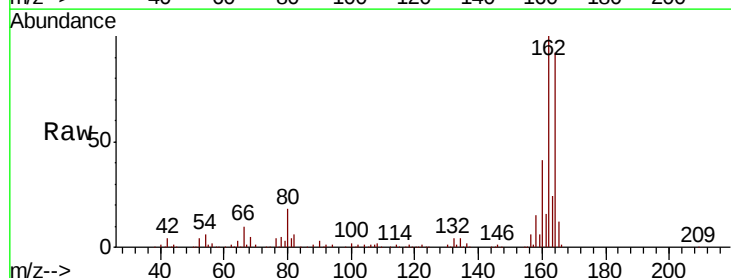
Tgt Ion: 165 Resp: 16931

Ion Ratio Lower Upper

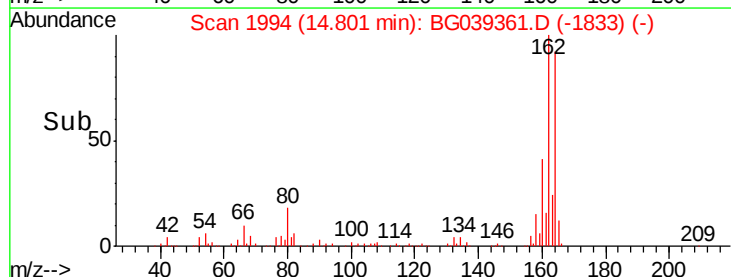
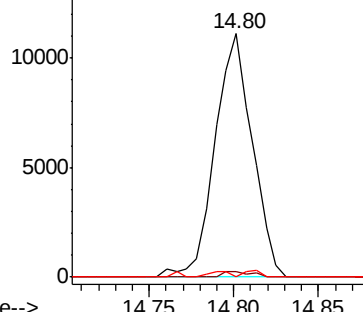
165 100

63 2.2 47.0 70.6#

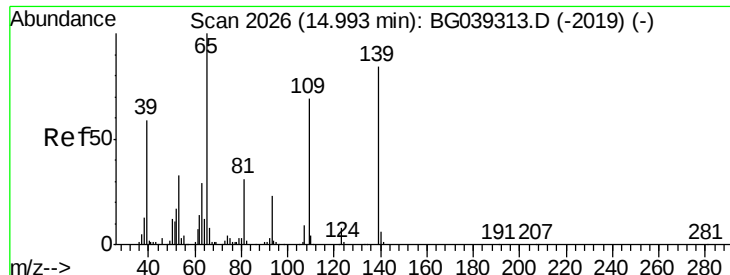
89 0.0 45.8 68.8#



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



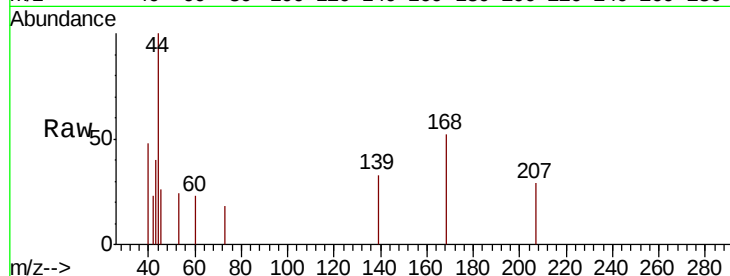
Time-->



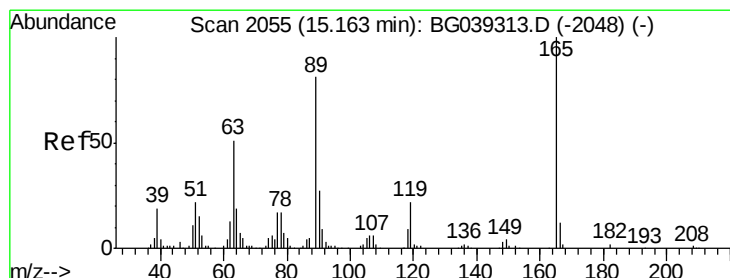
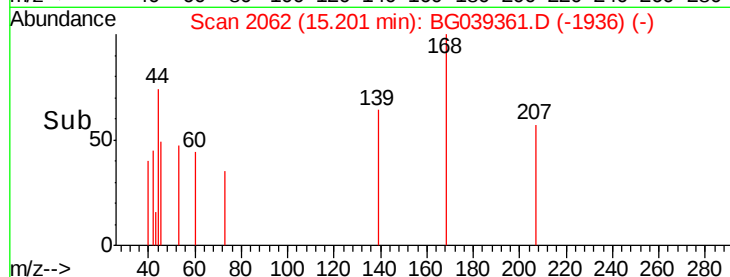
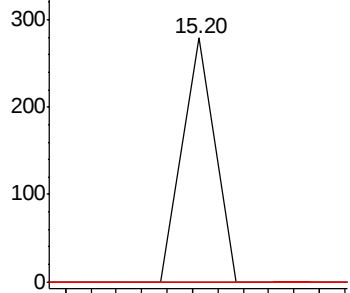
#56
4-Nitrophenol
Concen: 5.840 ng
RT: 15.20 min Scan# 2062
Delta R.T. 0.21 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Instrument :
BNA_G
ClientSampleId :
CL-02-020419-C

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	0.0	99.1	139.1#

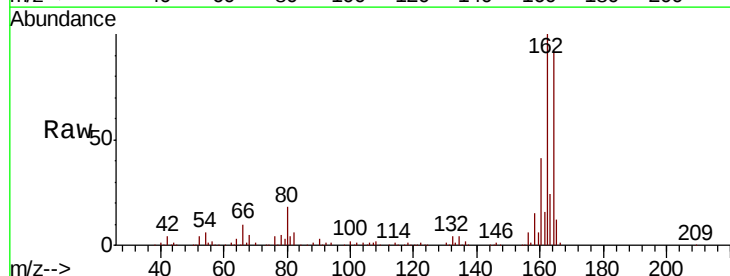


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

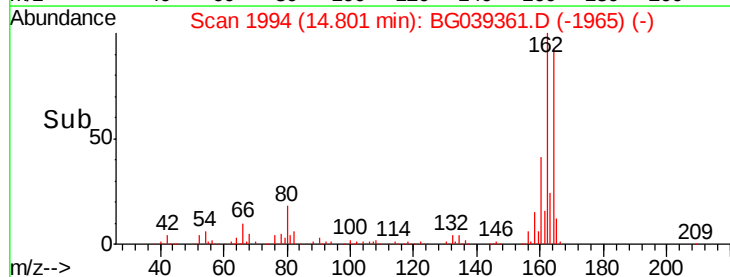
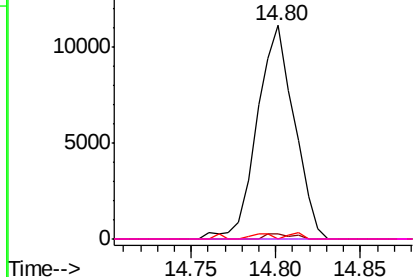


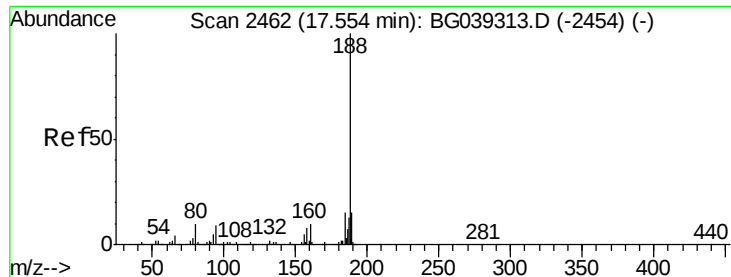
#57
2,4-Dinitrotoluene
Concen: 13.282 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.36 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	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# 2461

Delta R.T. -0.01 min

Lab File: BG039361.D

Acq: 5 Feb 2019 19:26

Instrument :

BNA_G

ClientSampleId :

CL-02-020419-C

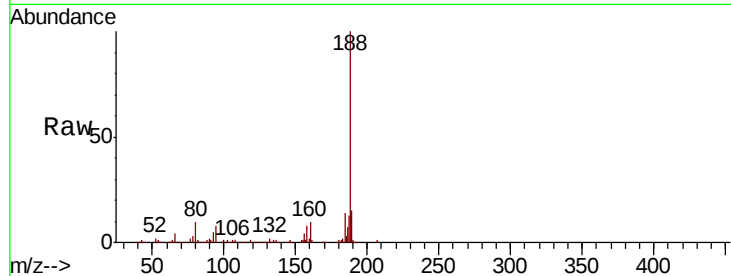
Tgt Ion:188 Resp: 325937

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

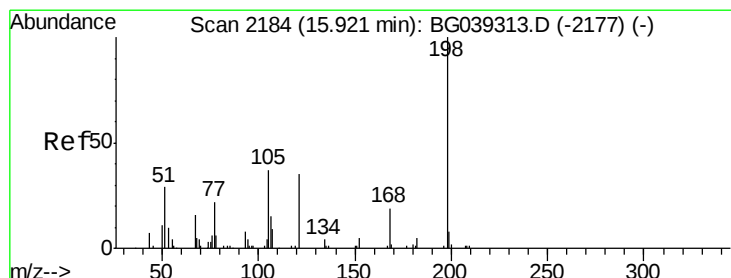
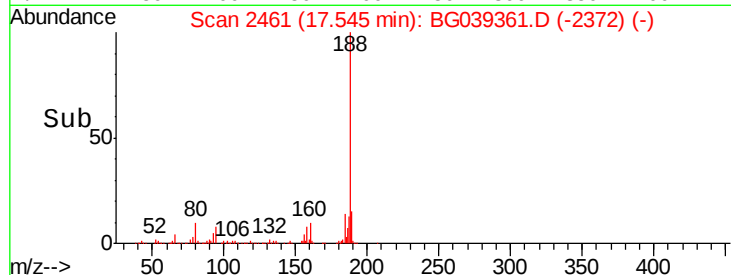
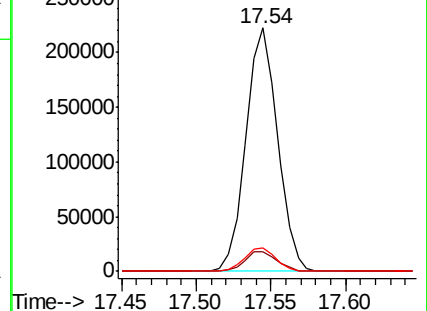
80 9.6 8.1 12.1



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.926 ng

RT: 16.29 min Scan# 2247

Delta R.T. 0.37 min

Lab File: BG039361.D

Acq: 5 Feb 2019 19:26

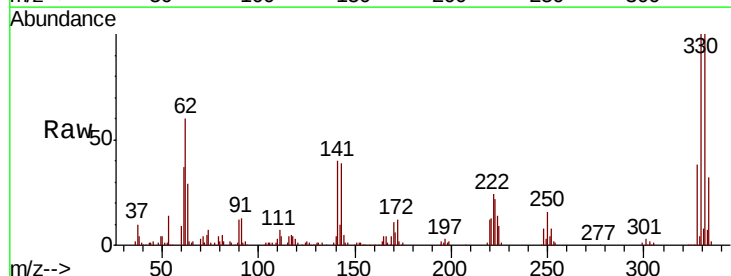
Tgt Ion:198 Resp: 764

Ion Ratio Lower Upper

198 100

51 111.6 27.4 67.4#

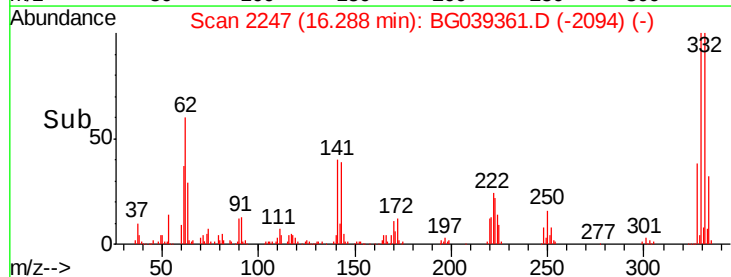
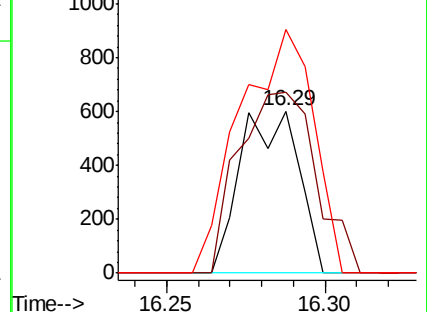
105 150.2 19.7 59.7#

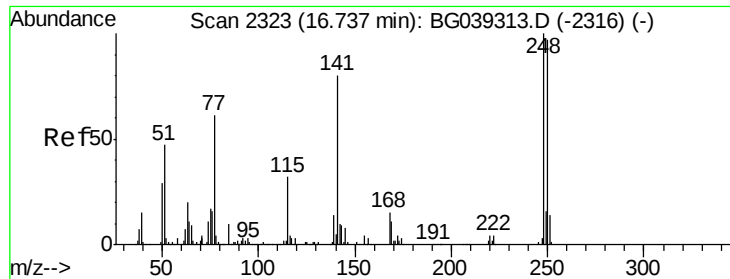


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

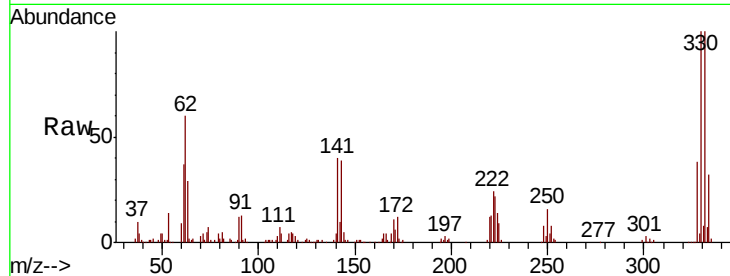




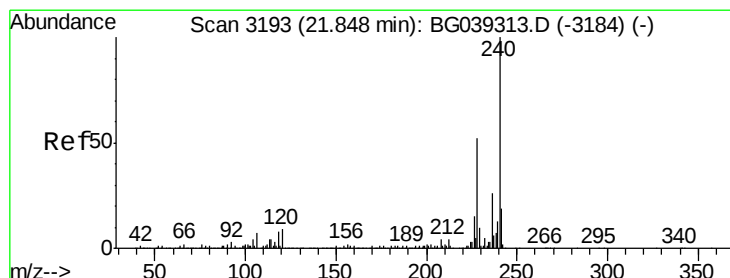
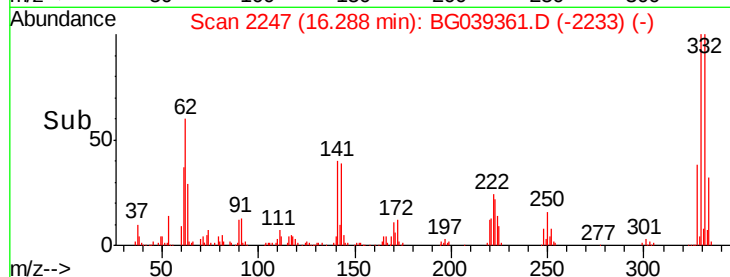
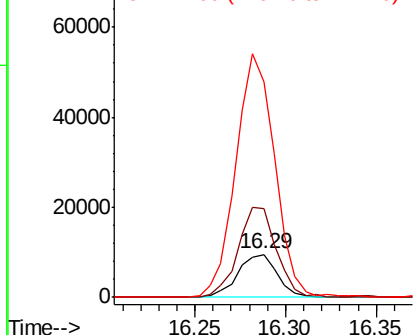
#67
 4-Bromophenyl-phenylether
 Concen: 4.007 ng
 RT: 16.29 min Scan# 2247
 Delta R.T. -0.45 min
 Lab File: BG039361.D
 Acq: 5 Feb 2019 19:26

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-020419-C

Tgt Ion:248 Resp: 14490
 Ion Ratio Lower Upper
 248 100
 250 205.9 77.6 116.4#
 141 503.2 63.9 95.9#

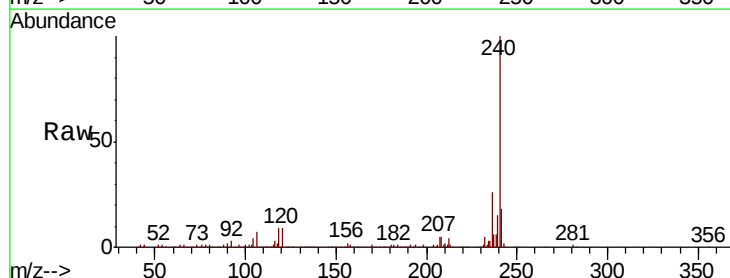


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

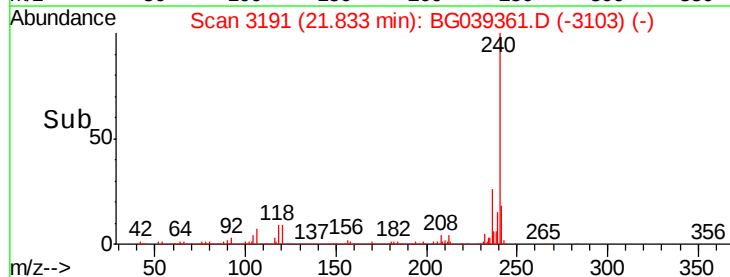
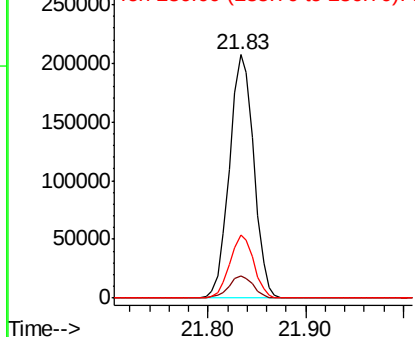


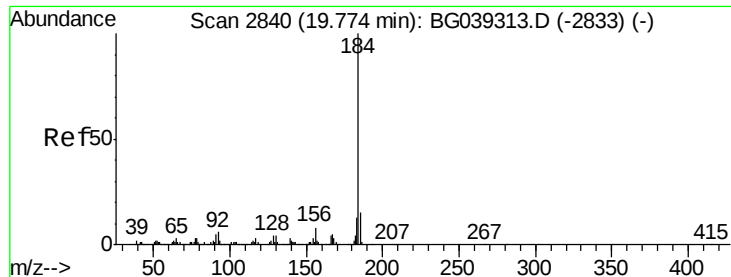
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3191
 Delta R.T. -0.01 min
 Lab File: BG039361.D
 Acq: 5 Feb 2019 19:26

Tgt Ion:240 Resp: 358412
 Ion Ratio Lower Upper
 240 100
 120 9.3 7.0 10.6
 236 26.2 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





#77

Benzidine

Concen: 2.106 ng

RT: 20.14 min Scan# 2903

Delta R.T. 0.37 min

Lab File: BG039361.D

Acq: 5 Feb 2019 19:26

Instrument :

BNA_G

ClientSampleId :

CL-02-020419-C

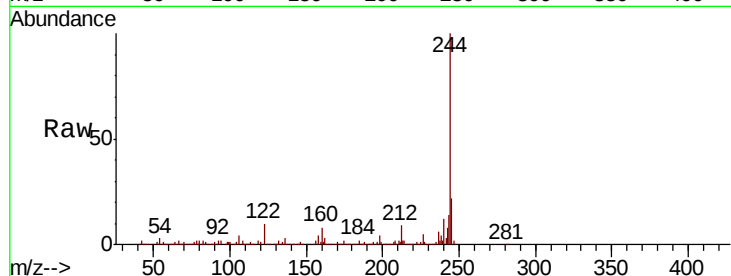
Tgt Ion:184 Resp: 24751

Ion Ratio Lower Upper

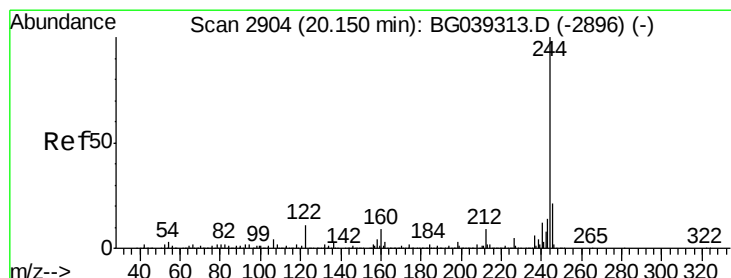
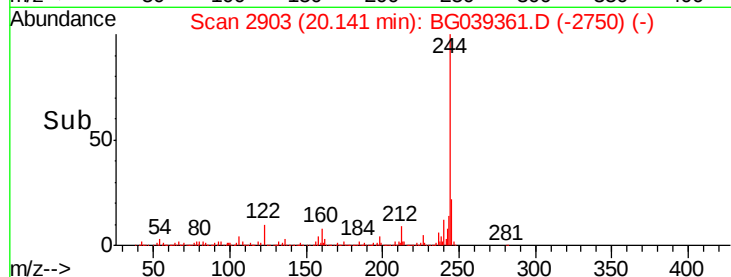
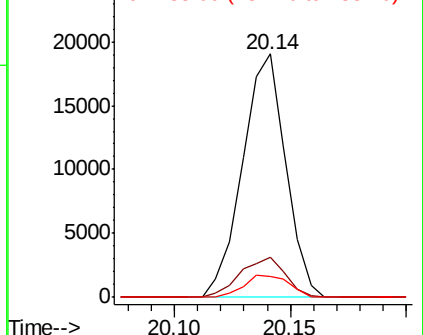
184 100

185 16.4 12.2 18.2

183 8.8 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: 82.299 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039361.D

Acq: 5 Feb 2019 19:26

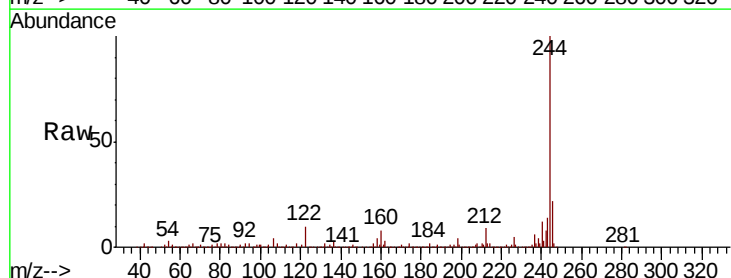
Tgt Ion:244 Resp: 1393535

Ion Ratio Lower Upper

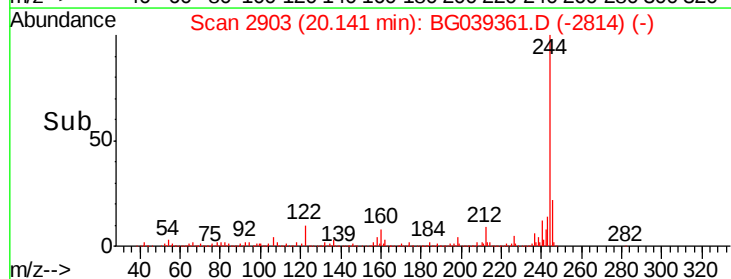
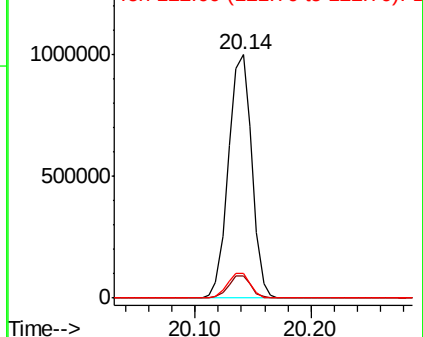
244 100

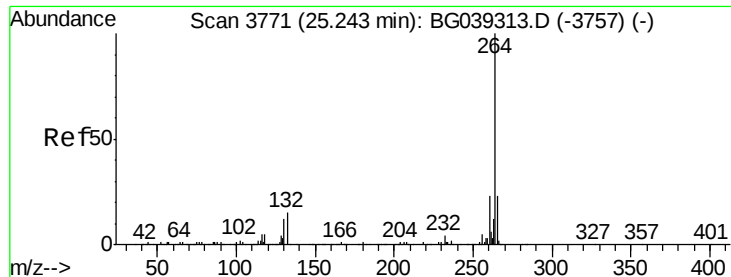
212 8.9 7.3 10.9

122 10.0 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# 3768
Delta R.T. -0.02 min
Lab File: BG039361.D
Acq: 5 Feb 2019 19:26

Instrument :
BNA_G
ClientSampleId :
CL-02-020419-C

Tgt Ion:	264	Resp:	357366
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.9	18.5	27.7

