

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020819\
 Data File : BG039424.D
 Acq On : 8 Feb 2019 20:34
 Operator : JU/SJ
 Sample : PB116948BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116948BL

Quant Time: Feb 08 23:36:32 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

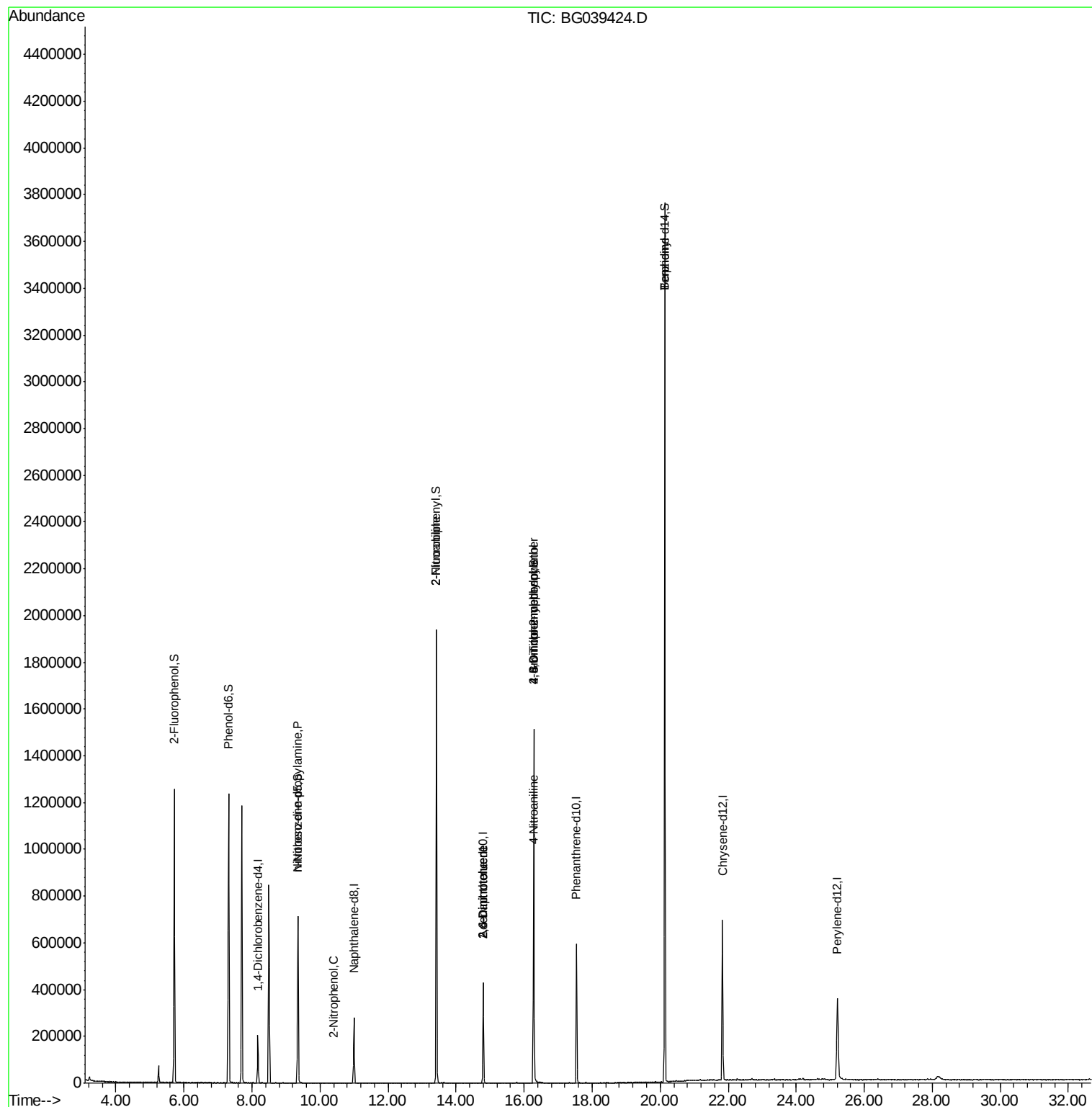
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	55518	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	235866	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	150404	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	375577	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	421992	20.00	ng	-0.02
87) Perylene-d12	25.21	264	421853	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	513543	158.32	ng	0.00
7) Phenol-d6	7.31	99	722579	151.33	ng	0.00
23) Nitrobenzene-d5	9.35	82	420969	111.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	266329	164.44	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1027998	98.05	ng	-0.01
79) Terphenyl-d14	20.14	244	1680840	84.31	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.31	77	1295	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.35	70	56249	16.598 ng	#	4
26) 2-Nitrophenol	10.40	139	59	4.049 ng	#	70
48) 2-Nitroaniline	13.42	65	1584	8.781 ng	#	31
51) 2,6-Dinitrotoluene	14.80	165	19859	14.111 ng	#	1
57) 2,4-Dinitrotoluene	14.80	165	19859	13.541 ng	#	24
62) 4-Nitroaniline	16.26	138	58	4.223 ng	#	19
65) 4,6-Dinitro-2-methylphenol	16.28	198	901	4.944 ng	#	1
67) 4-Bromophenyl-phenylether	16.28	248	20739	4.977 ng	#	1
77) Benzidine	20.14	184	30923	2.235 ng	#	96

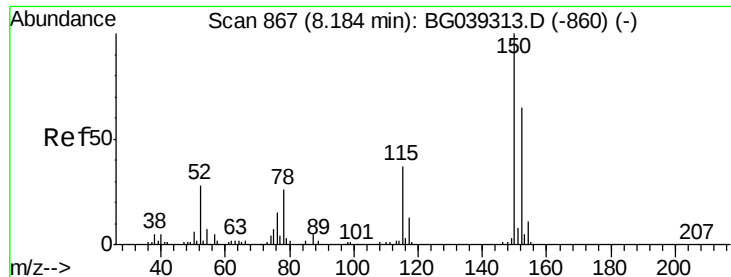
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020819\
Data File : BG039424.D
Acq On : 8 Feb 2019 20:34
Operator : JU/SJ
Sample : PB116948BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116948BL

Quant Time: Feb 08 23:36:32 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



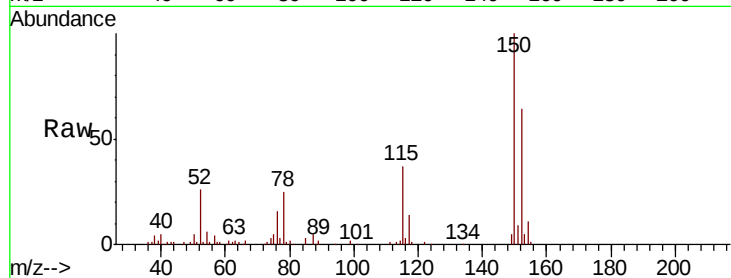


#1

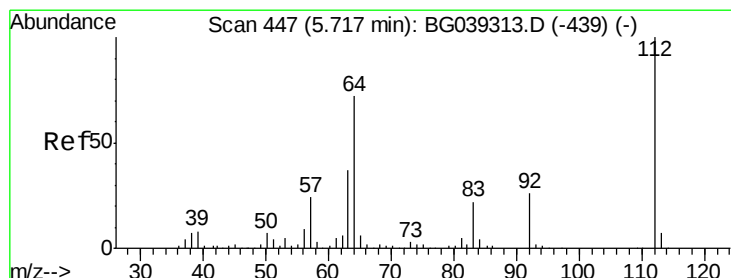
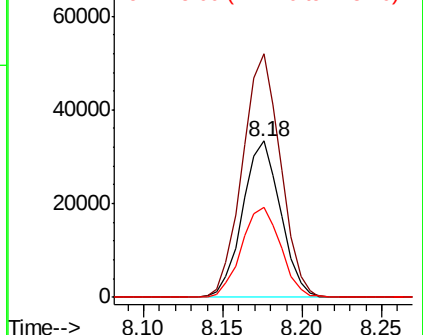
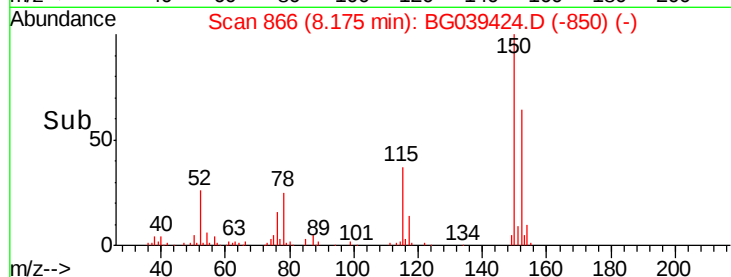
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BG039424.D
 Acq: 8 Feb 2019 20:34

Instrument :
 BNA_G
 ClientSampleId :
 PB116948BL

Tgt Ion:152 Resp: 55518
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.7 185.5
 115 57.4 45.9 68.9



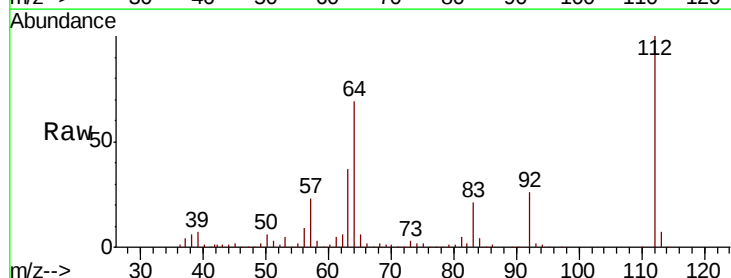
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



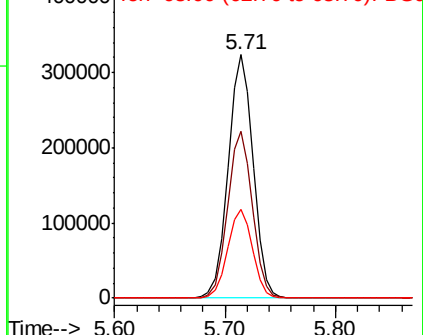
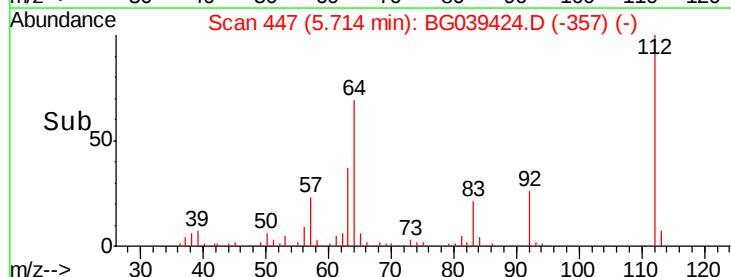
#5

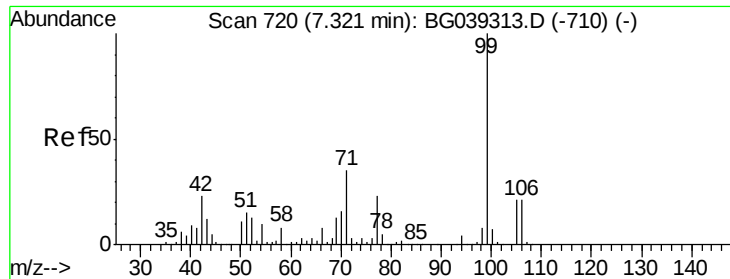
2-Fluorophenol
 Concen: 158.315 ng
 RT: 5.71 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BG039424.D
 Acq: 8 Feb 2019 20:34

Tgt Ion:112 Resp: 513543
 Ion Ratio Lower Upper
 112 100
 64 68.6 57.8 86.8
 63 36.7 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: 151.332 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039424.D

Acq: 8 Feb 2019 20:34

Instrument :

BNA_G

ClientSampled :

PB116948BL

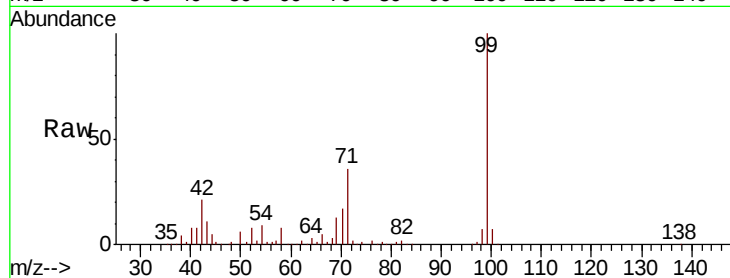
Tgt Ion: 99 Resp: 722579

Ion Ratio Lower Upper

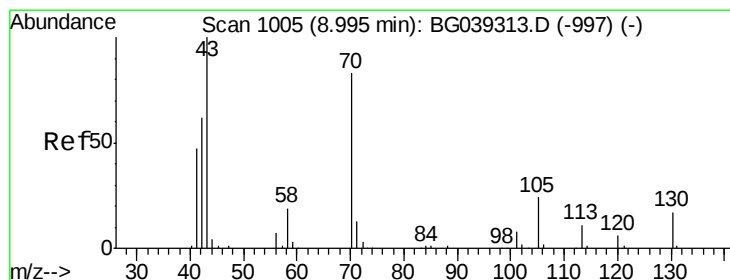
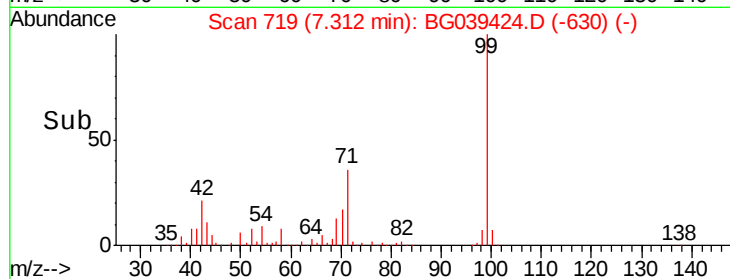
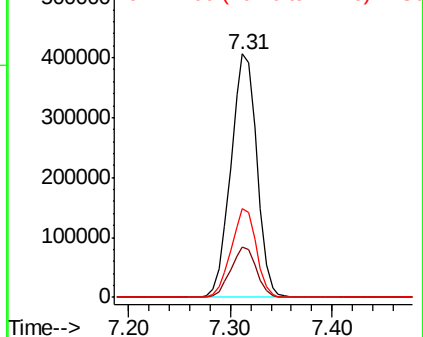
99 100

42 20.8 18.2 27.2

71 36.4 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: 16.598 ng

RT: 9.35 min Scan# 1066

Delta R.T. 0.36 min

Lab File: BG039424.D

Acq: 8 Feb 2019 20:34

Tgt Ion: 70 Resp: 56249

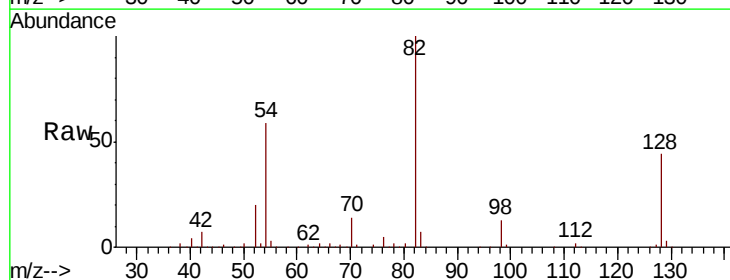
Ion Ratio Lower Upper

70 100

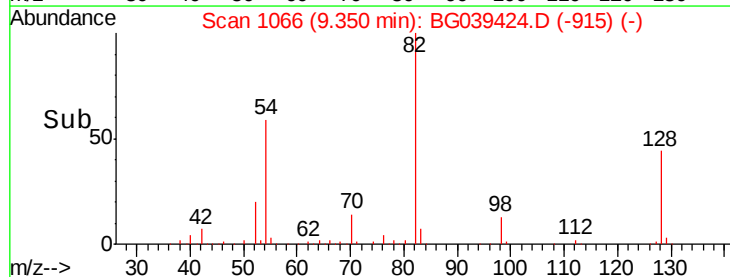
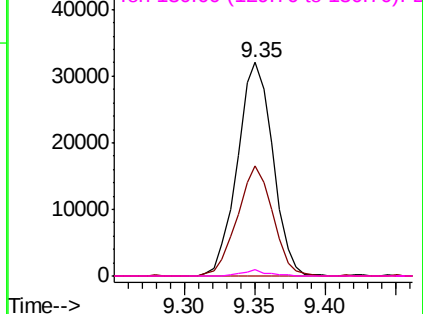
42 51.8 60.4 90.6#

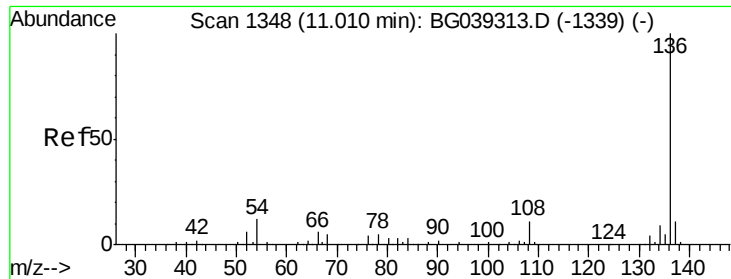
101 0.0 7.5 11.3#

130 2.9 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

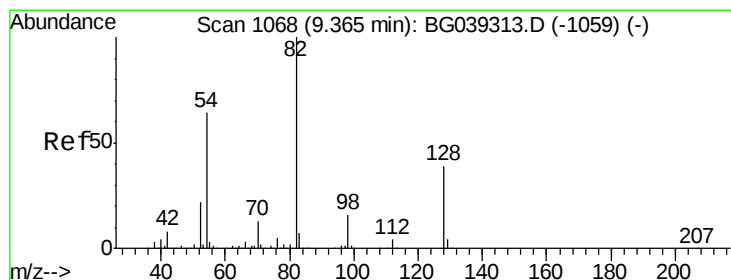
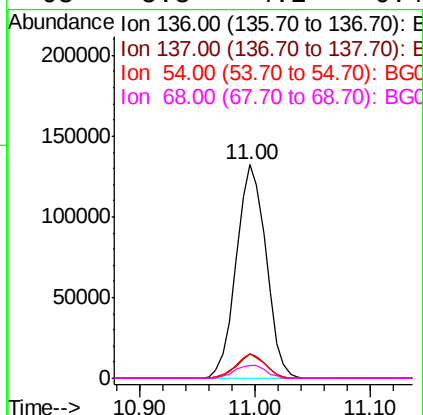
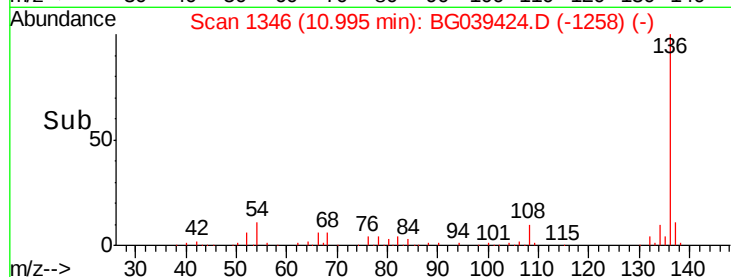
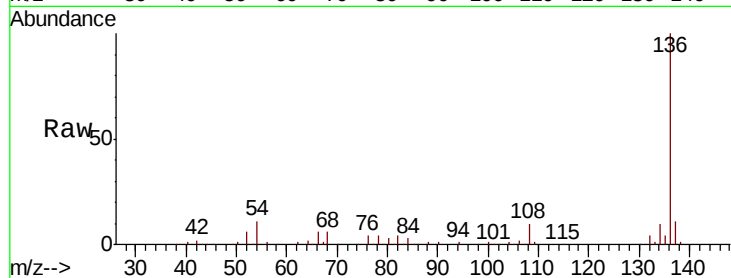




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039424.D
Acq: 8 Feb 2019 20:34

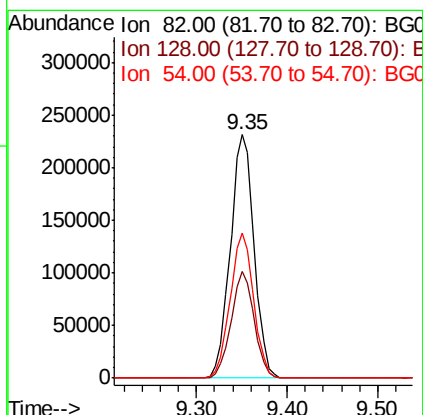
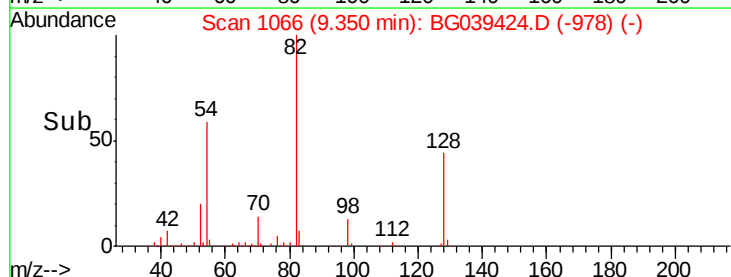
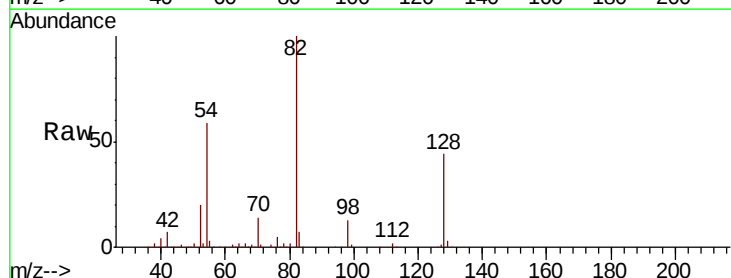
Instrument :
BNA_G
ClientSampleId :
PB116948BL

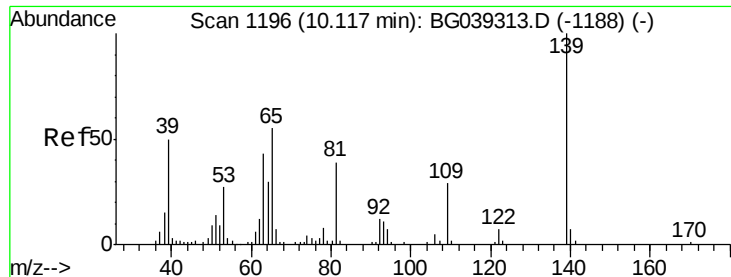
Tgt Ion:	136	Resp:	235866
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.4	9.4	14.2
68	5.8	4.2	6.4



#23
Nitrobenzene-d5
Concen: 111.498 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039424.D
Acq: 8 Feb 2019 20:34

Tgt Ion:	82	Resp:	420969
Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	59.5	50.9	76.3

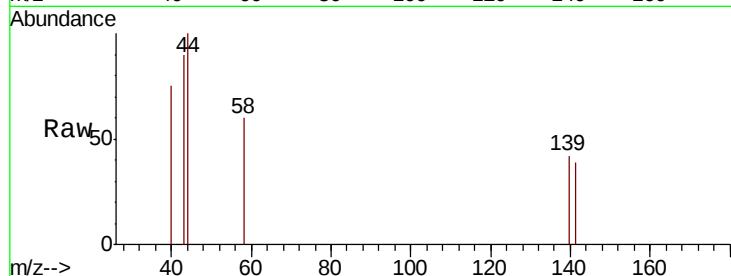




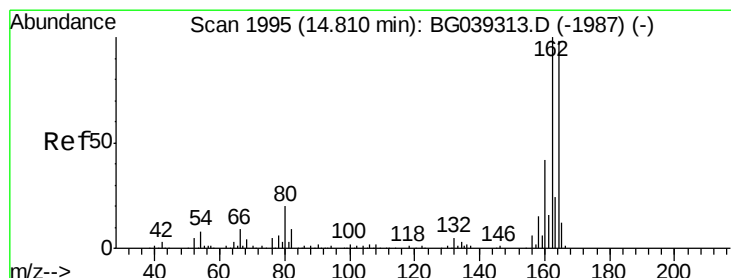
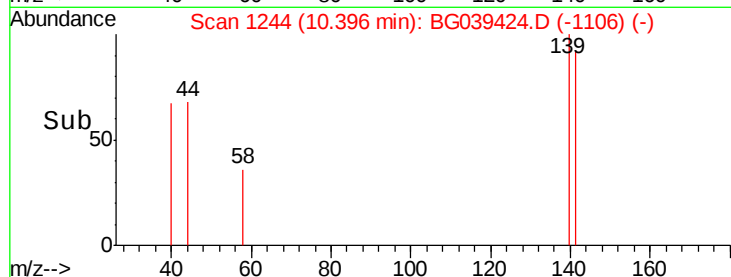
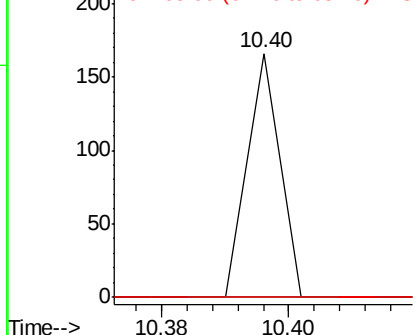
#26
2-Nitrophenol
Concen: 4.049 ng
RT: 10.40 min Scan# 1244
Delta R.T. 0.28 min
Lab File: BG039424.D
Acq: 8 Feb 2019 20:34

Instrument :
BNA_G
ClientSampleId :
PB116948BL

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#

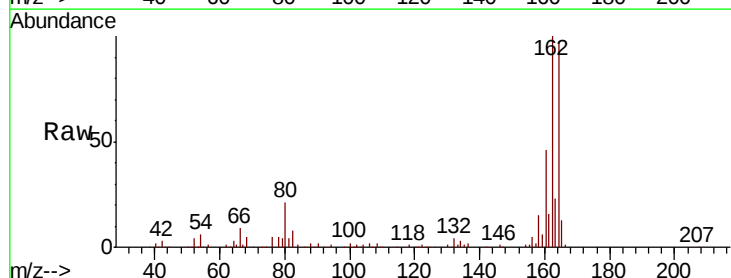


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

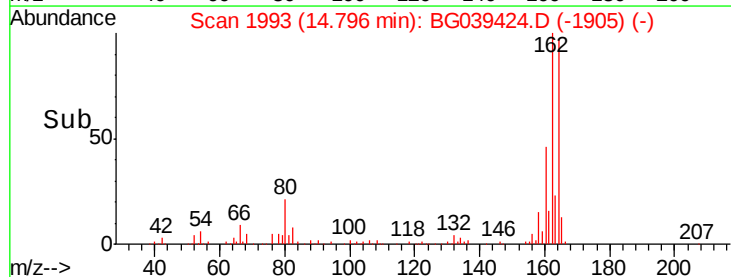
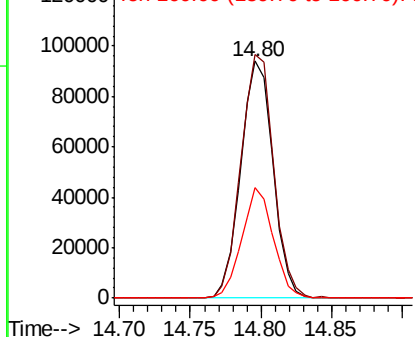


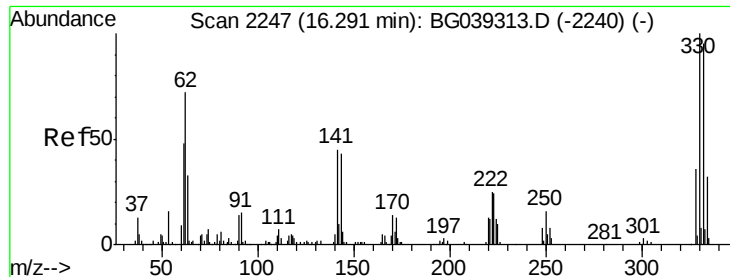
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039424.D
Acq: 8 Feb 2019 20:34

Tgt Ion:164 Resp: 150404
Ion Ratio Lower Upper
164 100
162 102.8 81.6 122.4
160 46.9 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

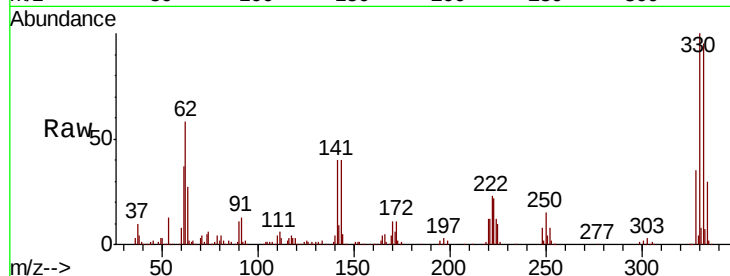




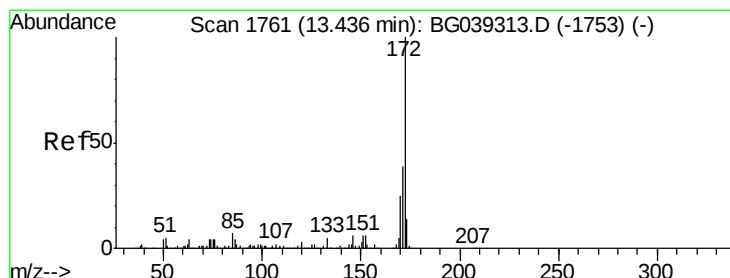
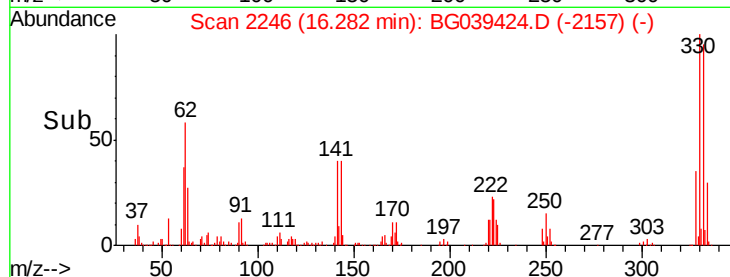
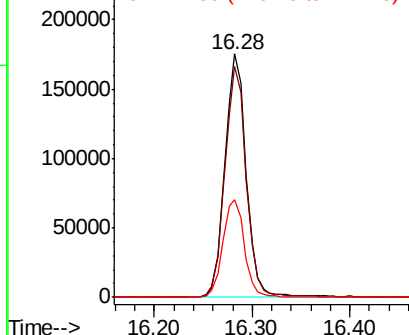
#42
 2,4,6-Tribromophenol
 Concen: 164.442 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039424.D
 Acq: 8 Feb 2019 20:34

Instrument :
 BNA_G
 ClientSampleId :
 PB116948BL

Tgt Ion:330 Resp: 266329
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.7 113.5
 141 40.9 35.6 53.4

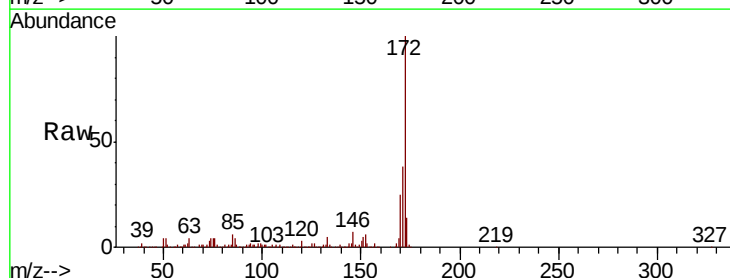


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

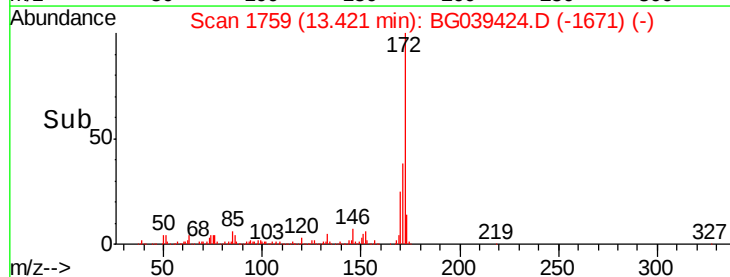
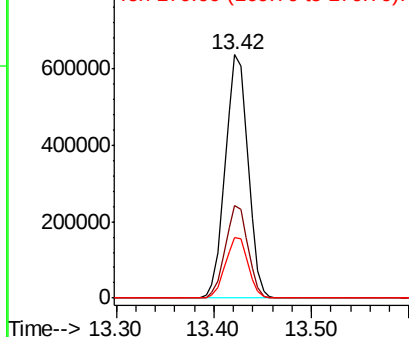


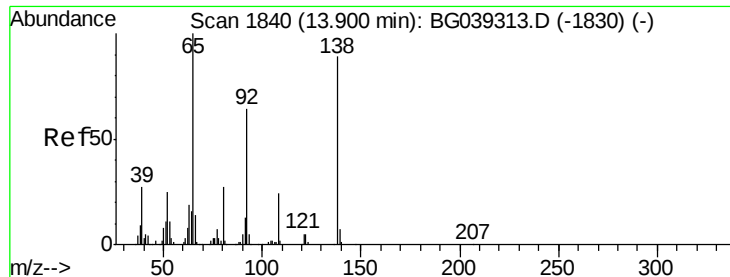
#45
 2-Fluorobiphenyl
 Concen: 98.050 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039424.D
 Acq: 8 Feb 2019 20:34

Tgt Ion:172 Resp: 1027998
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.8 46.2
 170 25.0 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

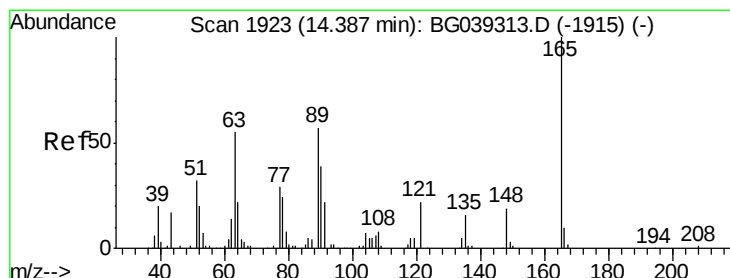
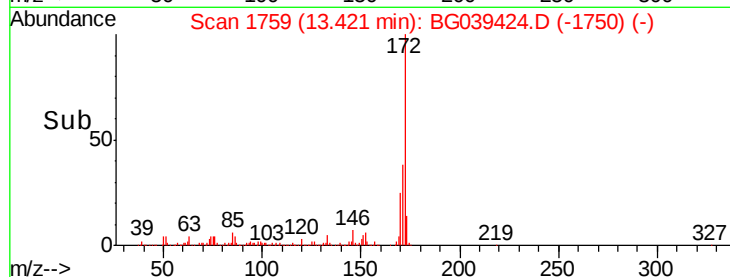
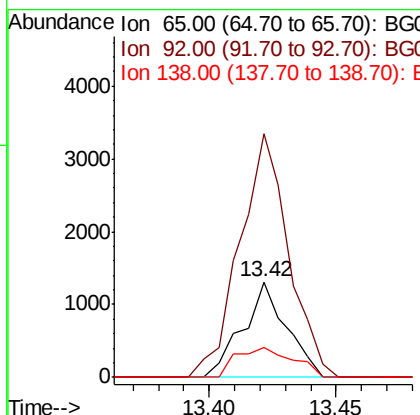
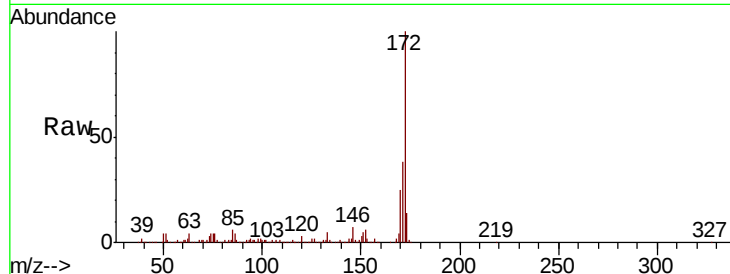




#48
2-Nitroaniline
Concen: 8.781 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.48 min
Lab File: BG039424.D
Acq: 8 Feb 2019 20:34

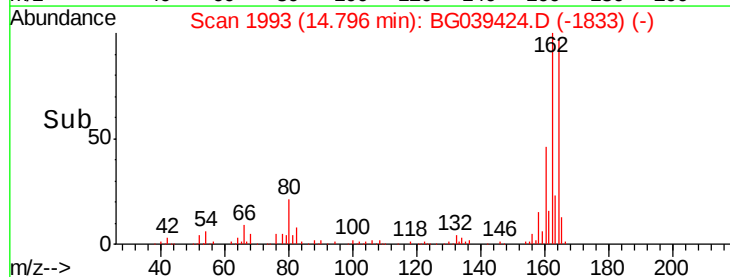
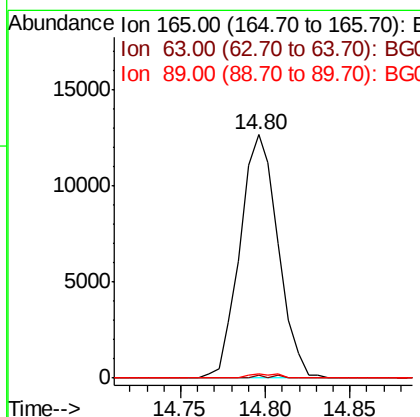
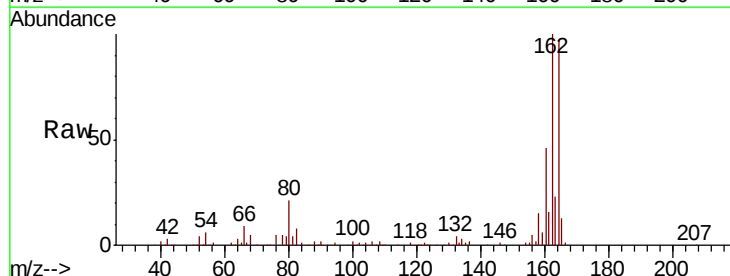
Instrument :
BNA_G
ClientSampleId :
PB116948BL

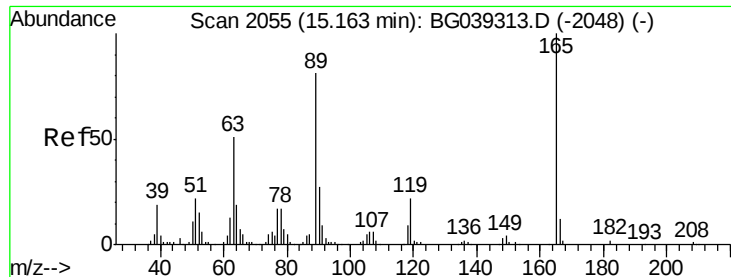
Tgt Ion: 65 Resp: 1584
Ion Ratio Lower Upper
65 100
92 254.3 51.4 77.2#
138 31.9 71.4 107.2#



#51
2,6-Dinitrotoluene
Concen: 14.111 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039424.D
Acq: 8 Feb 2019 20:34

Tgt Ion: 165 Resp: 19859
Ion Ratio Lower Upper
165 100
63 1.5 47.0 70.6#
89 1.6 45.8 68.8#





#57

2,4-Dinitrotoluene

Concen: 13.541 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.37 min

Lab File: BG039424.D

Acq: 8 Feb 2019 20:34

Instrument :

BNA_G

ClientSampleId :

PB116948BL

Tgt Ion:165 Resp: 19859

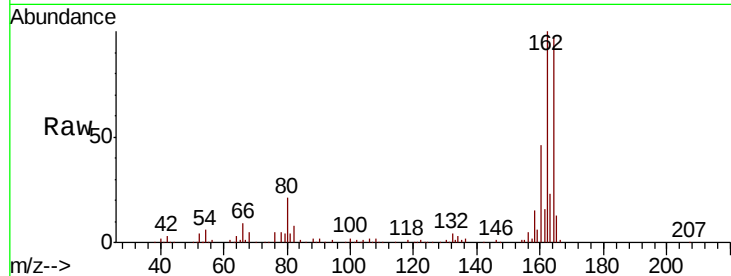
Ion Ratio Lower Upper

165 100

63 1.5 41.0 61.6#

89 1.6 64.6 96.8#

182 0.0 2.0 3.0#

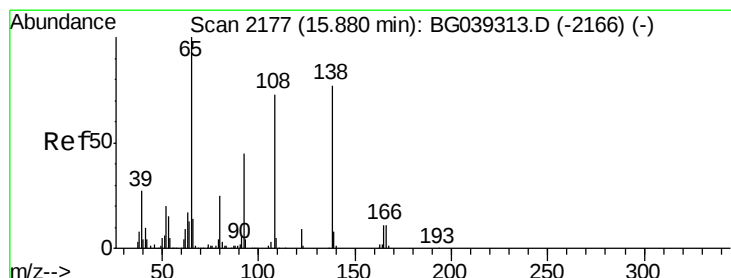
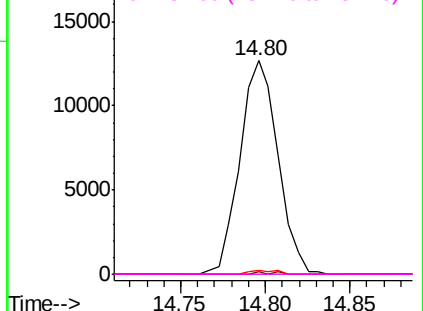
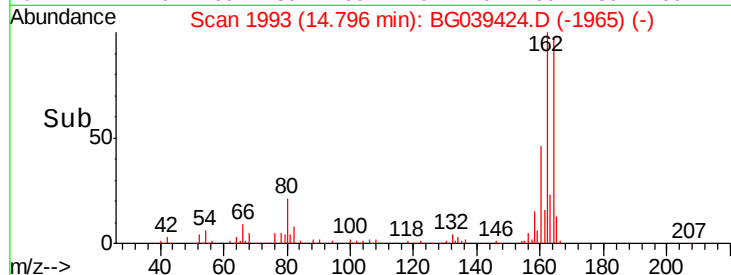


Abundance Ion 165.00 (164.70 to 165.70): E

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: 4.223 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.39 min

Lab File: BG039424.D

Acq: 8 Feb 2019 20:34

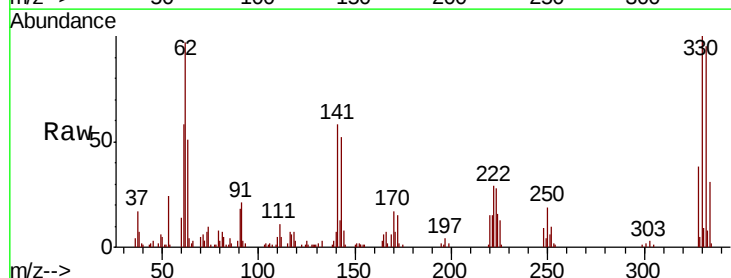
Tgt Ion:138 Resp: 58

Ion Ratio Lower Upper

138 100

92 464.8 38.7 78.7#

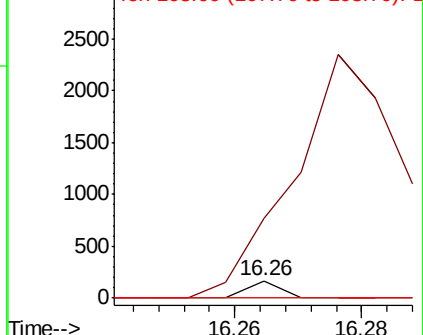
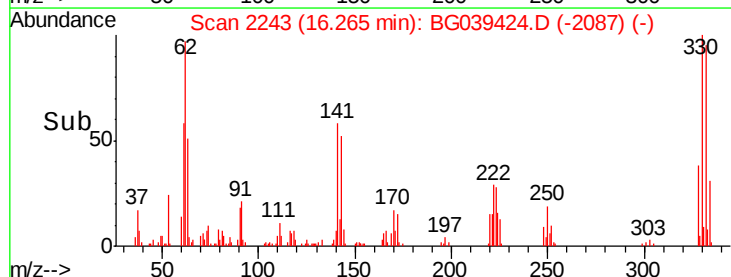
108 0.0 74.6 114.6#

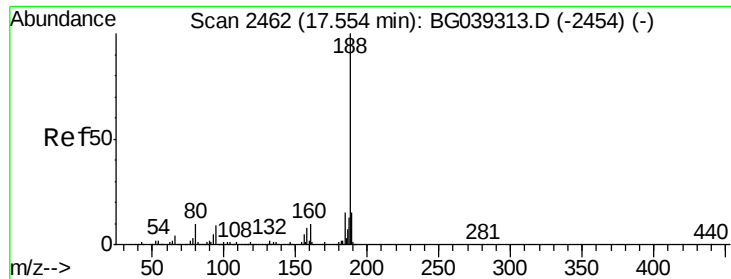


Abundance Ion 138.00 (137.70 to 138.70): E

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: BG039424.D

Acq: 8 Feb 2019 20:34

Instrument :

BNA_G

ClientSampleId :

PB116948BL

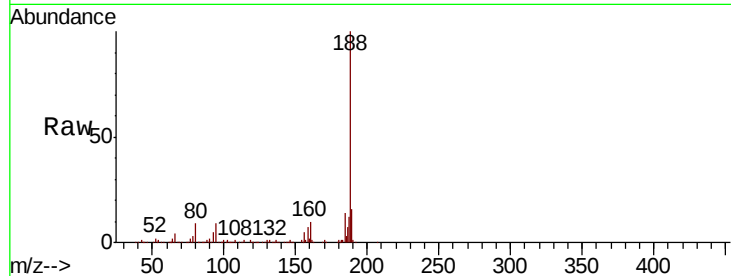
Tgt Ion:188 Resp: 375577

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

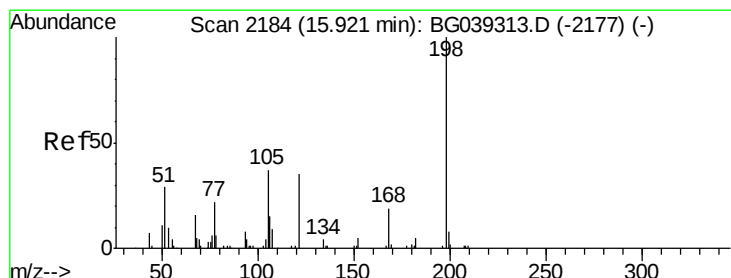
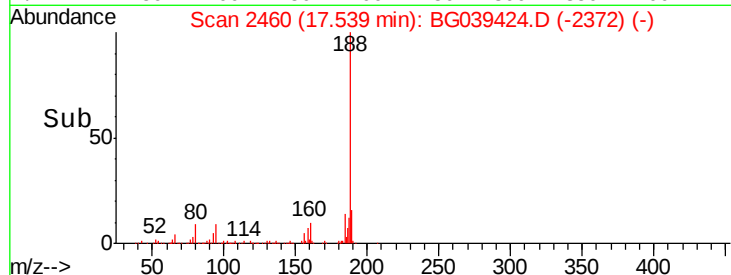
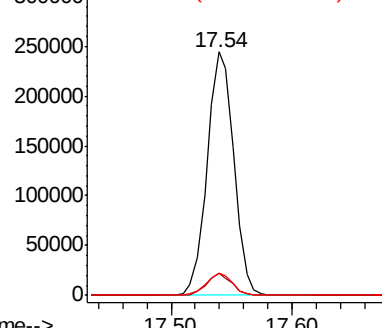
80 9.2 8.1 12.1



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: 4.944 ng

RT: 16.28 min Scan# 2245

Delta R.T. 0.36 min

Lab File: BG039424.D

Acq: 8 Feb 2019 20:34

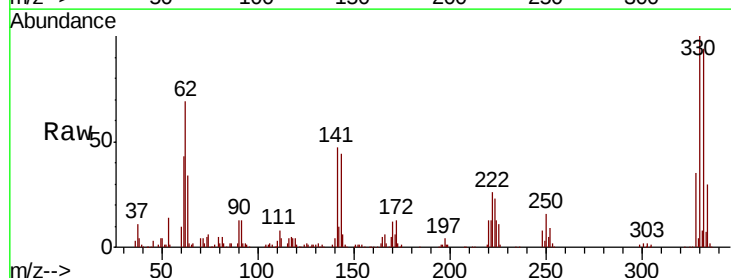
Tgt Ion:198 Resp: 901

Ion Ratio Lower Upper

198 100

51 144.3 27.4 67.4#

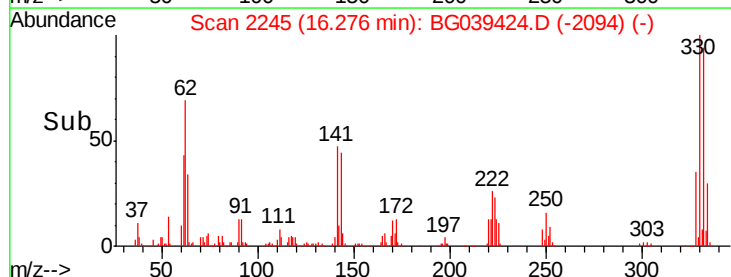
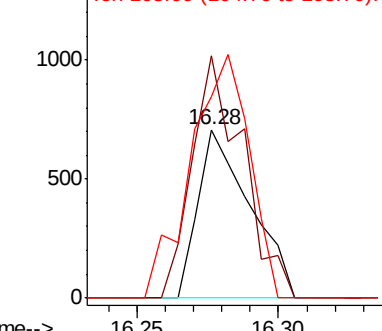
105 119.9 19.7 59.7#

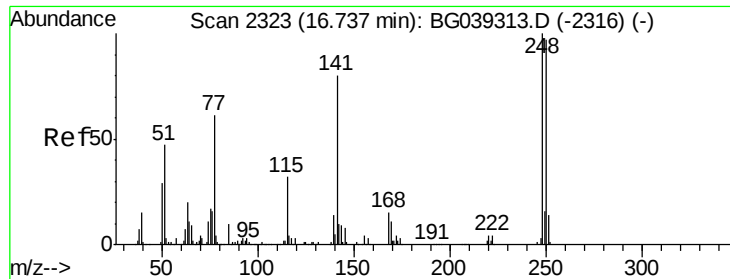


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

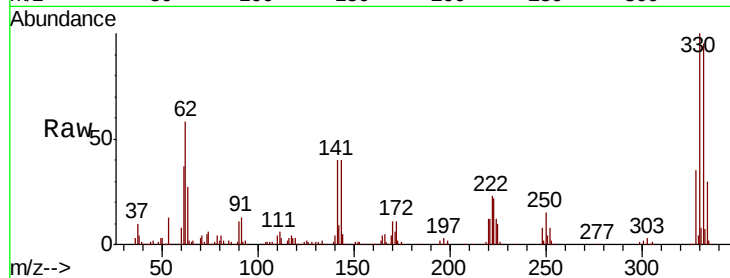




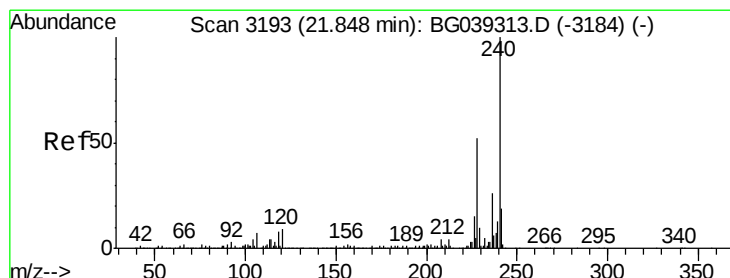
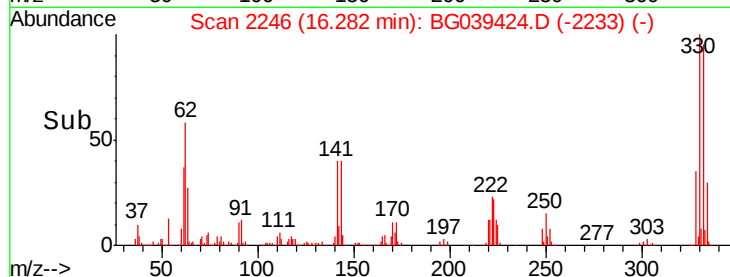
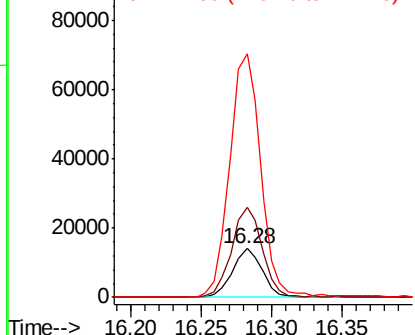
#67
4-Bromophenyl-phenylether
Concen: 4.977 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.46 min
Lab File: BG039424.D
Acq: 8 Feb 2019 20:34

Instrument :
BNA_G
ClientSampleId :
PB116948BL

Tgt Ion:248 Resp: 20739
Ion Ratio Lower Upper
248 100
250 184.9 77.6 116.4#
141 497.6 63.9 95.9#

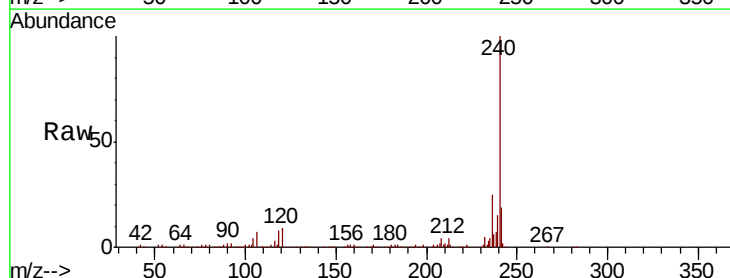


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

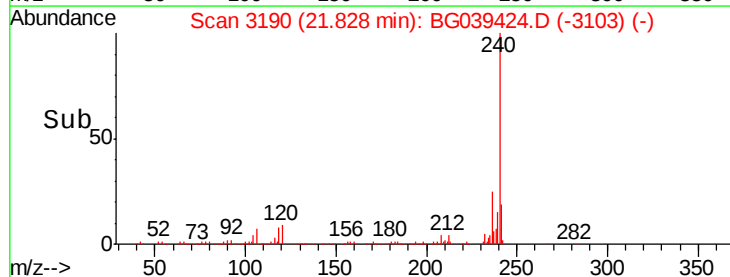
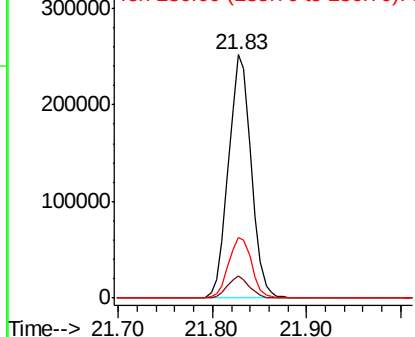


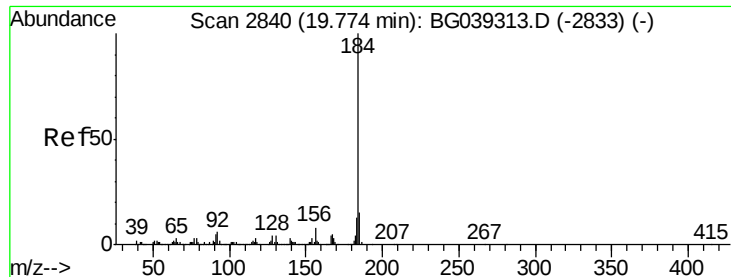
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039424.D
Acq: 8 Feb 2019 20:34

Tgt Ion:240 Resp: 421992
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 25.0 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: 2.235 ng

RT: 20.14 min Scan# 2902

Delta R.T. 0.36 min

Lab File: BG039424.D

Acq: 8 Feb 2019 20:34

Instrument :

BNA_G

ClientSampleId :

PB116948BL

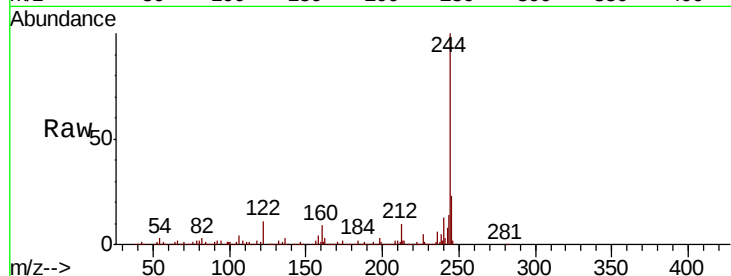
Tgt Ion:184 Resp: 30923

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

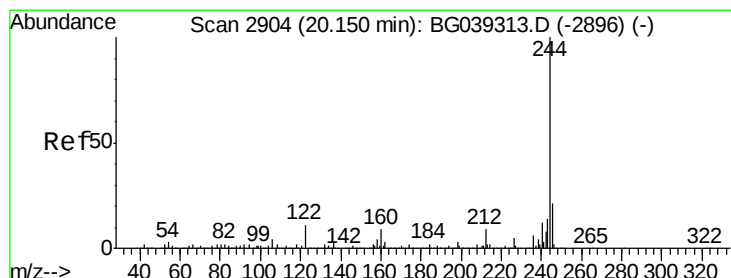
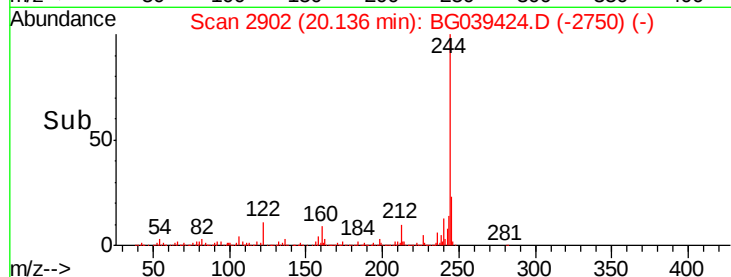
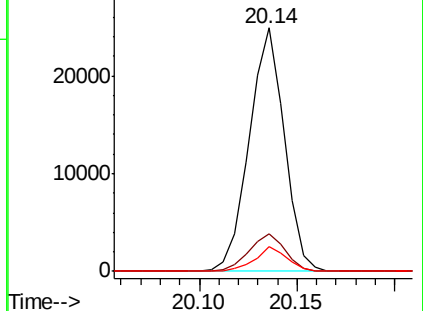
183 10.1 10.6 15.8#



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: 84.310 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039424.D

Acq: 8 Feb 2019 20:34

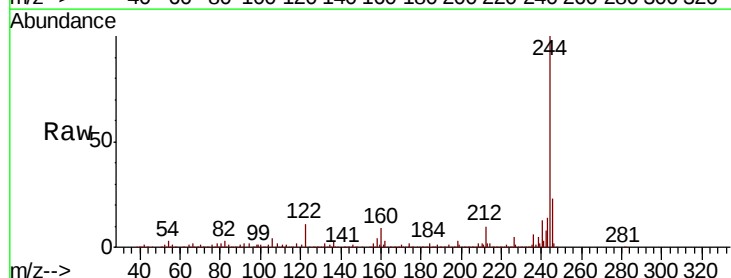
Tgt Ion:244 Resp: 1680840

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

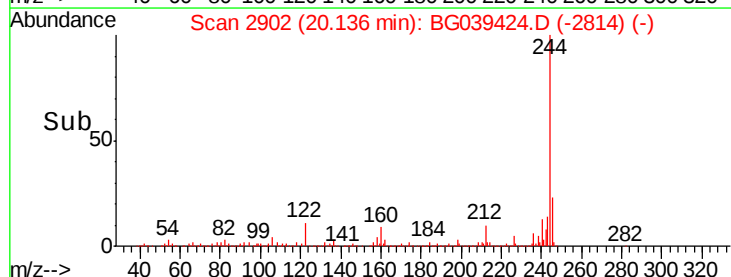
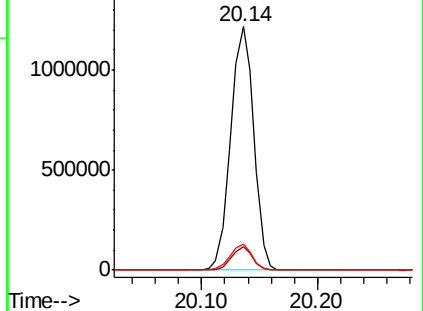
122 10.7 8.4 12.6

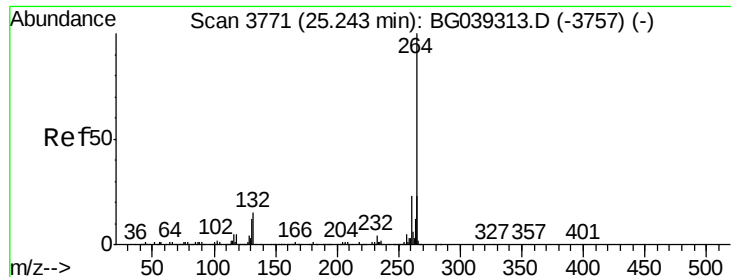


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039424.D
Acq: 8 Feb 2019 20:34

Instrument :
BNA_G
ClientSampleId :
PB116948BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	22.5	18.5	27.7

