

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039399.D
 Acq On : 8 Feb 2019 2:11
 Operator : JU/SJ
 Sample : PB116922TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116922TB

Quant Time: Feb 08 09:16:58 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	51776	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	223903	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	149875	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	370495	20.00	ng	0.00
76) Chrysene-d12	21.83	240	414164	20.00	ng	-0.01
87) Perylene-d12	25.21	264	400718	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	459409	151.86	ng	0.00
7) Phenol-d6	7.31	99	646408	145.16	ng	0.00
23) Nitrobenzene-d5	9.35	82	372604	103.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	233292	144.55	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	939395	89.92	ng	0.00
79) Terphenyl-d14	20.14	244	1570481	80.26	ng	-0.01

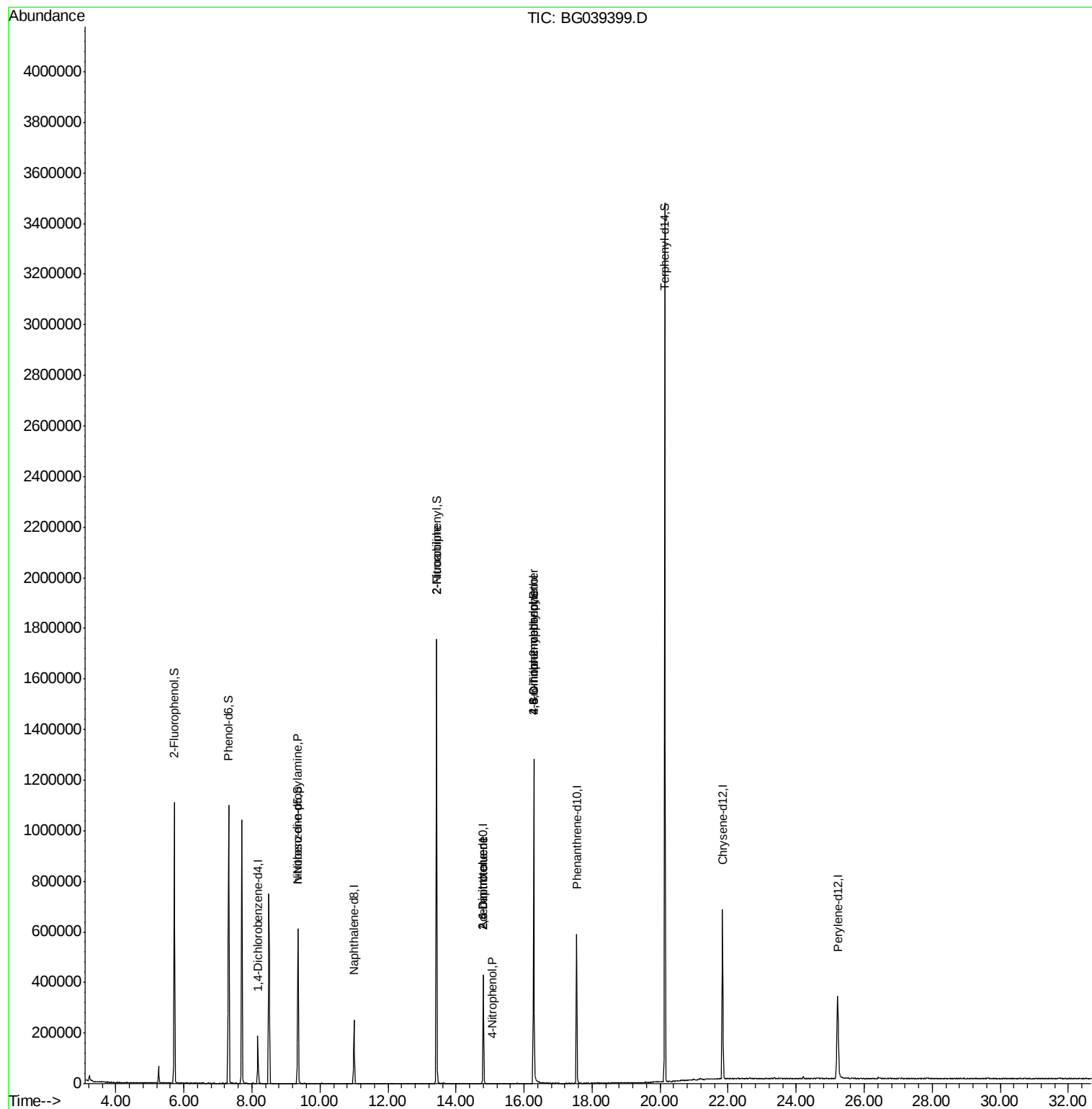
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.31	77	1241	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.36	70	48623	15.38	ng	68
48) 2-Nitroaniline	13.42	65	1759	8.84	ng	1
51) 2,6-Dinitrotoluene	14.80	165	19295	13.92	ng	25
56) 4-Nitrophenol	15.05	139	53	5.82	ng	1
57) 2,4-Dinitrotoluene	14.80	165	19295	13.40	ng	20
65) 4,6-Dinitro-2-methylphenol	16.28	198	918	4.97	ng	13
67) 4-Bromophenyl-phenylether	16.28	248	17880	4.35	ng	1

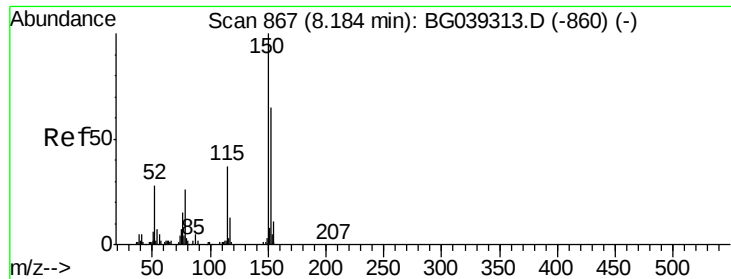
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039399.D
Acq On : 8 Feb 2019 2:11
Operator : JU/SJ
Sample : PB116922TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Quant Time: Feb 08 09:16:58 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: 20.00 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

Instrument :

BNA_G

ClientSampleId :

PB116922TB

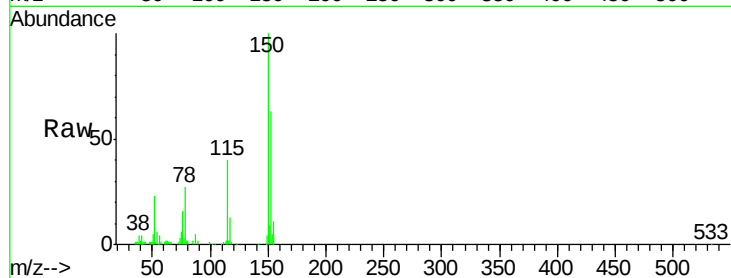
Tot Ion:152 Resp: 51776

Ion Ratio Lower Upper

152 100

150 159.1 123.7 185.5

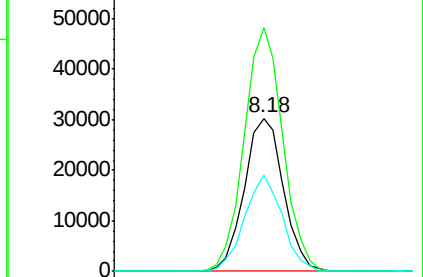
115 63.1 45.9 68.9



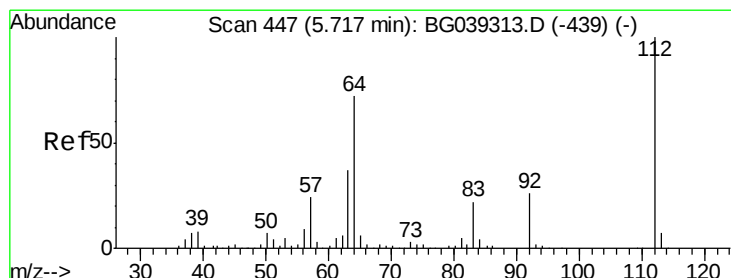
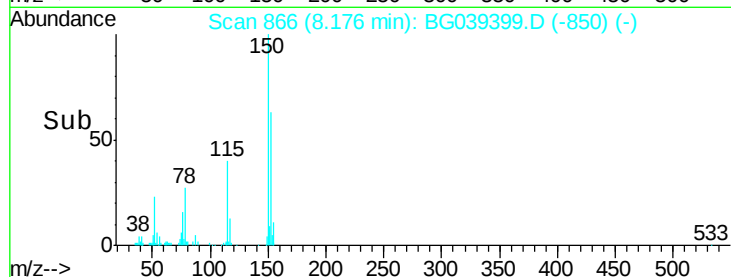
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 151.86 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

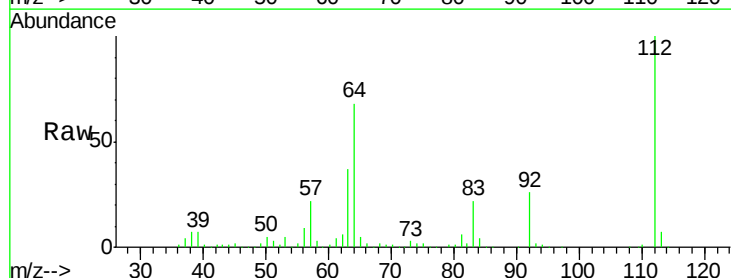
Tgt Ion:112 Resp: 459409

Ion Ratio Lower Upper

112 100

64 68.4 57.8 86.8

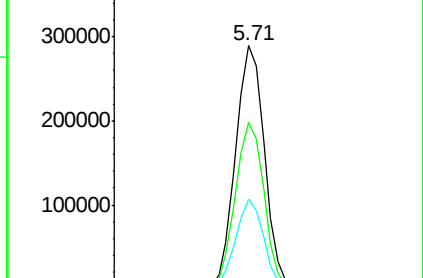
63 37.1 29.8 44.6



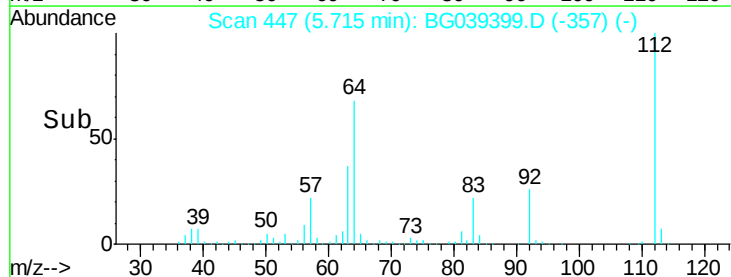
Abundance Ion 112.00 (111.70 to 112.70): E

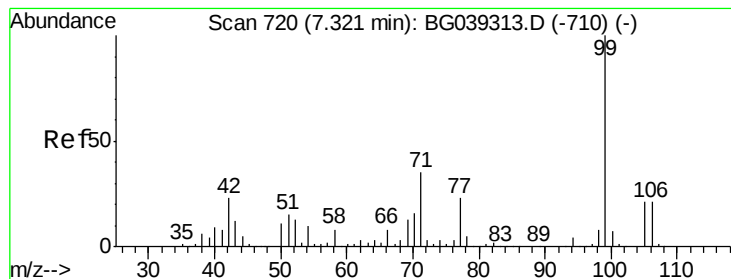
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 145.16 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

Instrument :

BNA_G

ClientSampleId :

PB116922TB

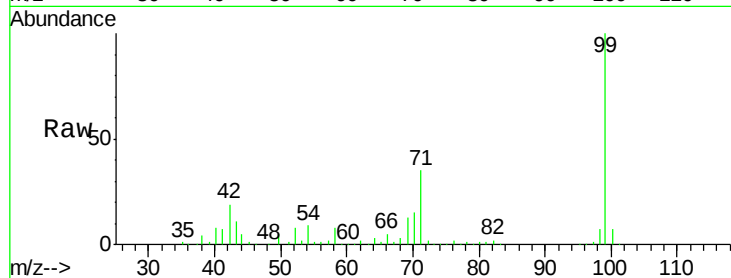
Tot Ion: 99 Resp: 646408

Ion Ratio Lower Upper

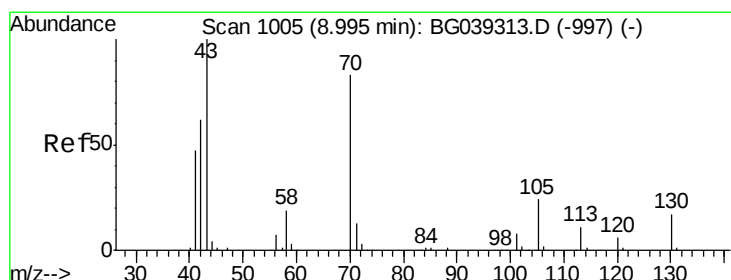
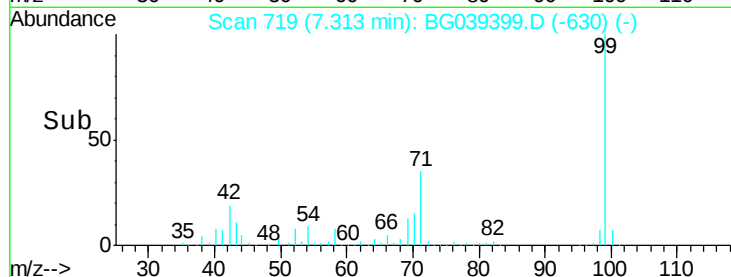
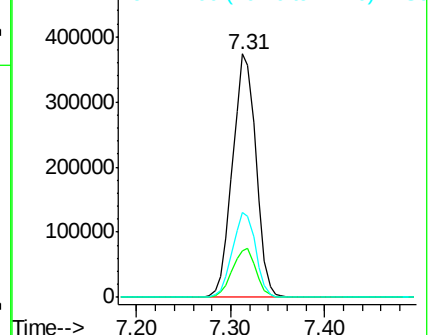
99 100

42 19.2 18.2 27.2

71 35.0 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: 15.38 ng

RT: 9.36 min Scan# 1067

Delta R.T. 0.36 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

Tgt Ion: 70 Resp: 48623

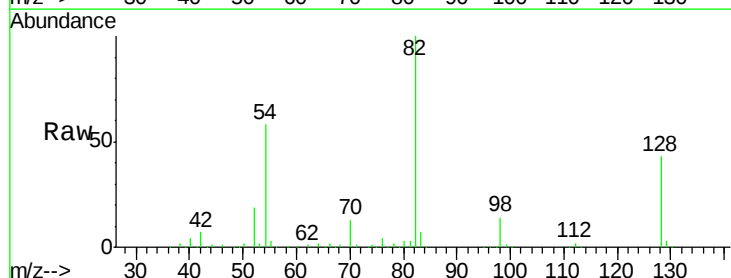
Ion Ratio Lower Upper

70 100

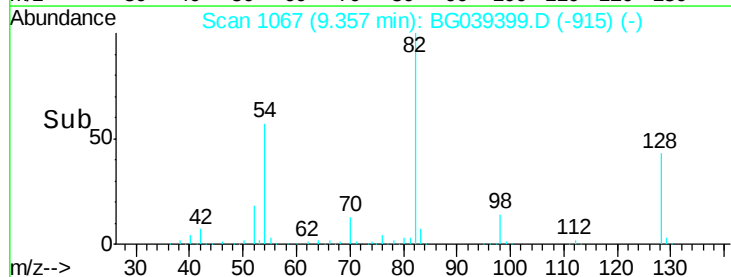
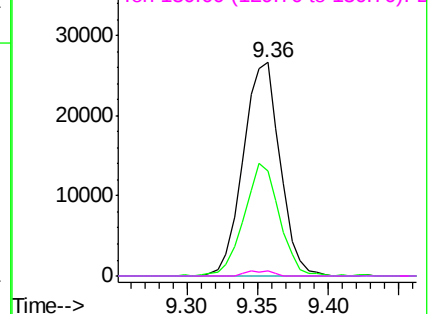
42 49.3 60.4 90.6#

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

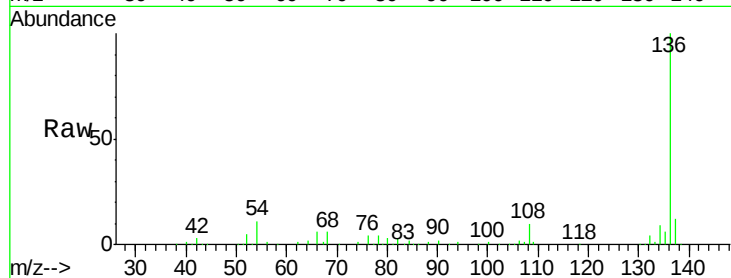




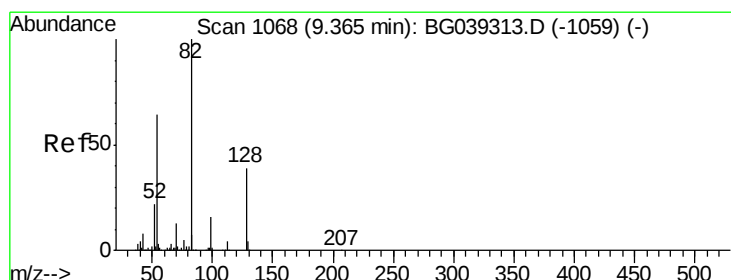
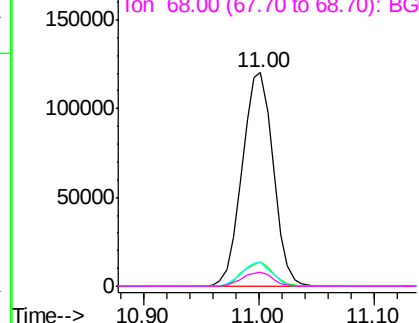
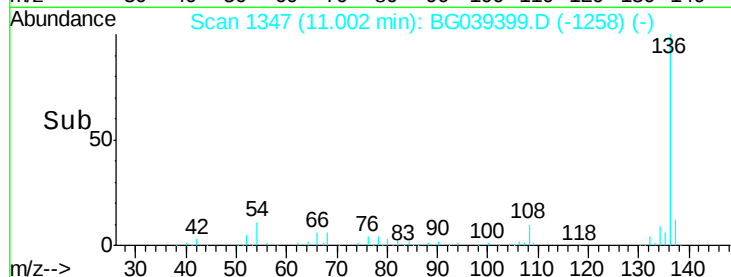
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tot Ion:136 Resp: 223903
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 11.1 9.4 14.2
68 6.5 4.2 6.4#

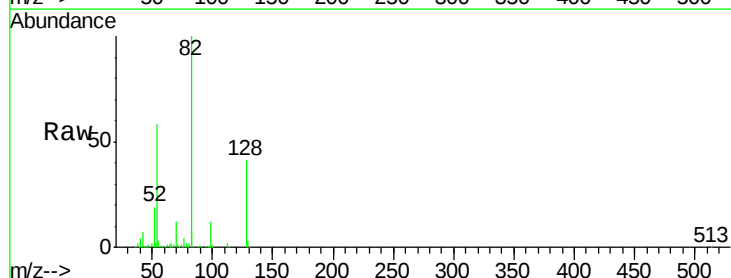


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

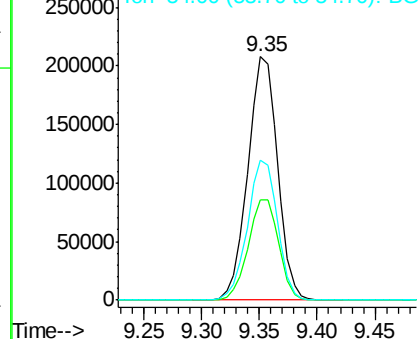
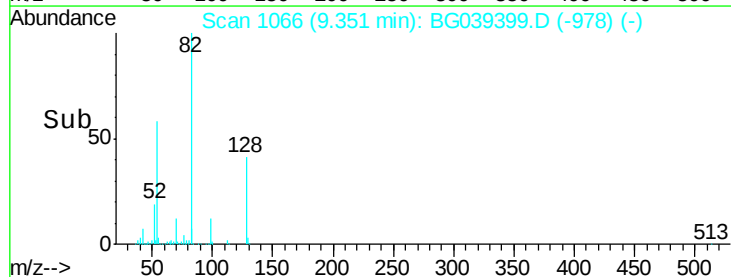


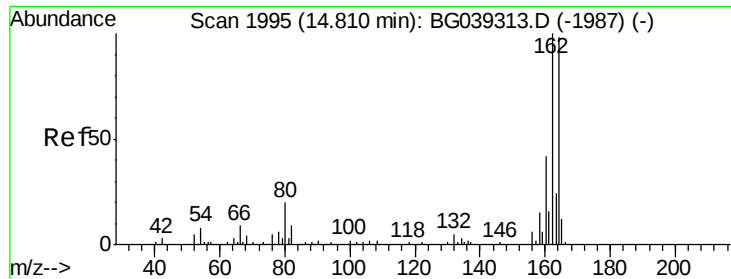
#23
Nitrobenzene-d5
Concen: 103.96 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Tgt Ion: 82 Resp: 372604
Ion Ratio Lower Upper
82 100
128 41.1 31.3 46.9
54 57.5 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: 20.00 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

Instrument :

BNA_G

ClientSampleId :

PB116922TB

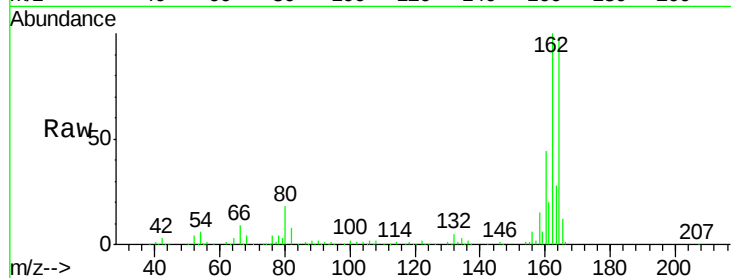
Tot Ion:164 Resp: 149875

Ion Ratio Lower Upper

164 100

162 101.8 81.6 122.4

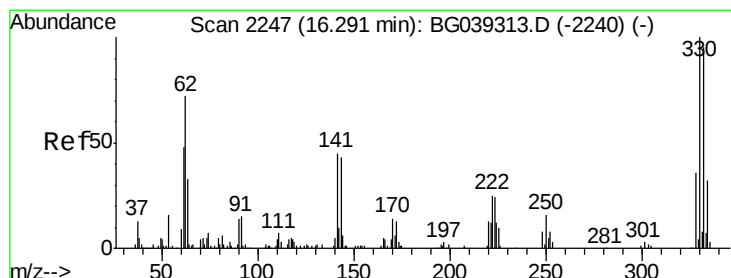
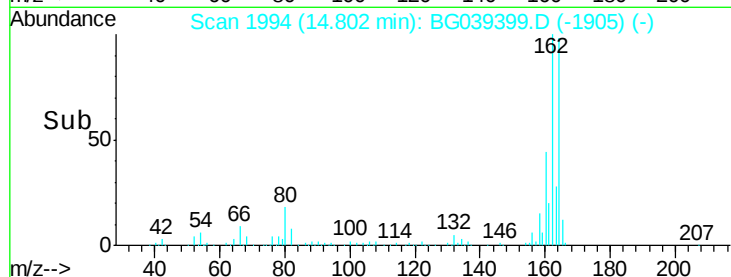
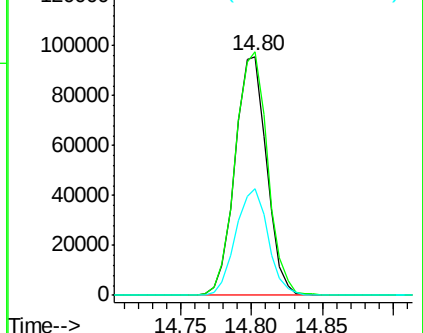
160 44.7 34.2 51.2



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: 144.55 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

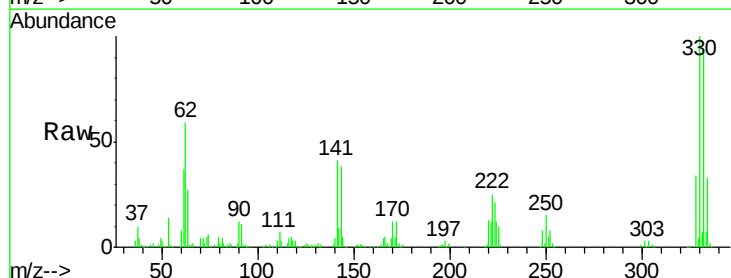
Tgt Ion:330 Resp: 233292

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

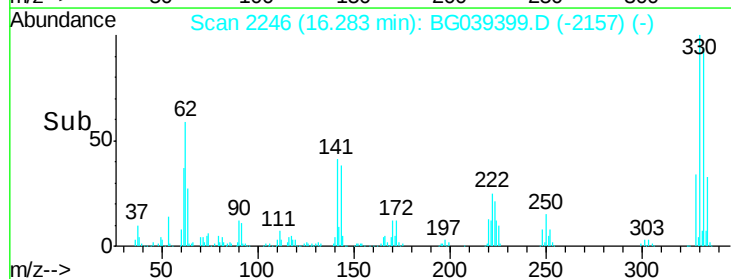
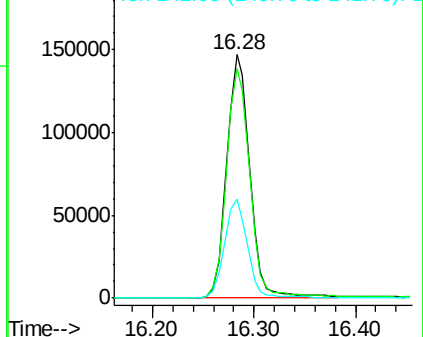
141 39.9 35.6 53.4



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

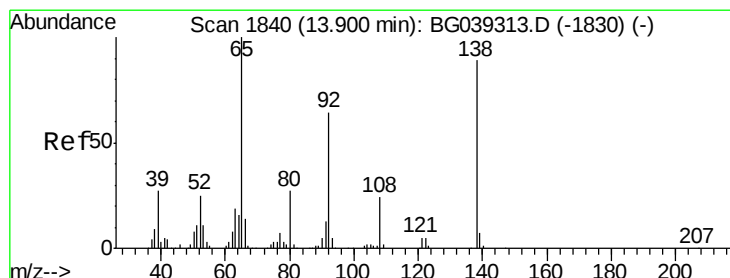
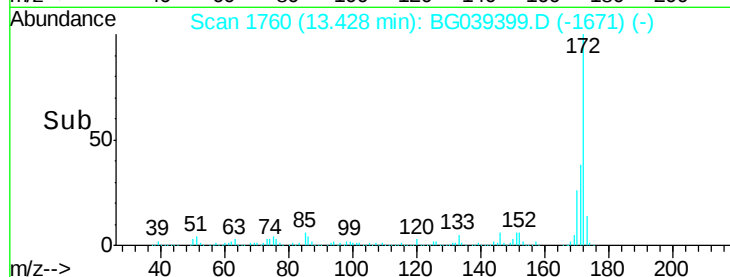
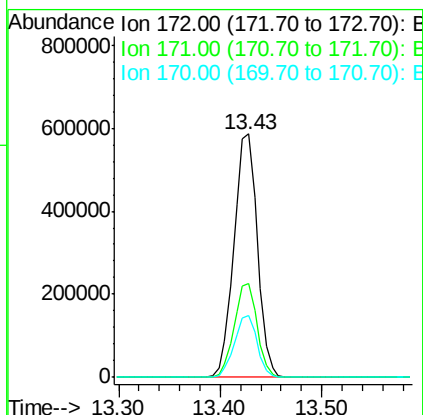
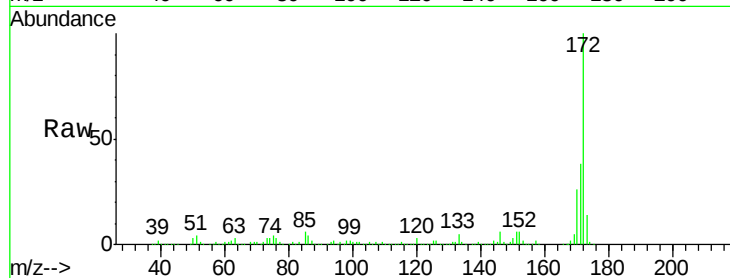




#45
2-Fluorobiphenyl
Concen: 89.92 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

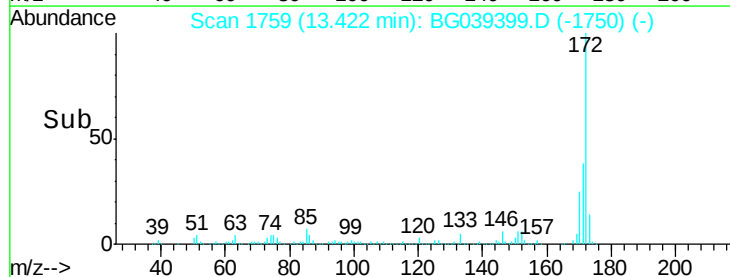
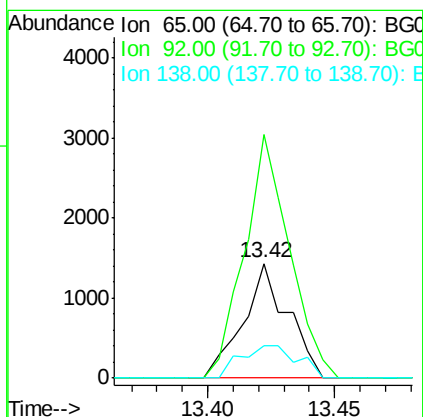
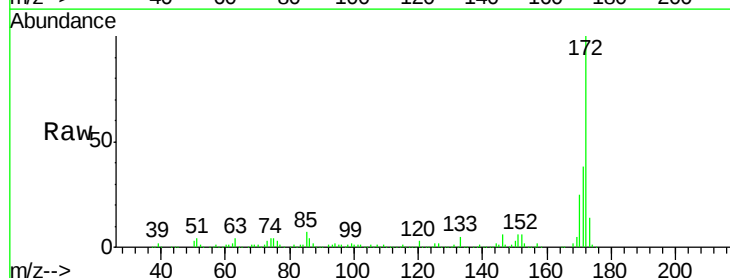
Instrument :
BNA_G
ClientSampleId :
PB116922TB

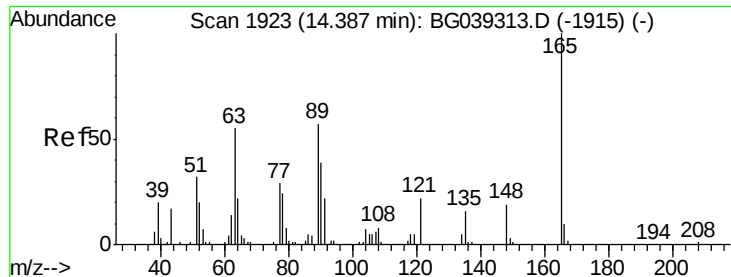
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	25.6	20.2	30.4



#48
2-Nitroaniline
Concen: 8.84 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.48 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	212.6	51.4	77.2#
138	28.4	71.4	107.2#





#51

2,6-Dinitrotoluene

Concen: 13.92 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.42 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

Instrument :

BNA_G

ClientSampleId :

PB116922TB

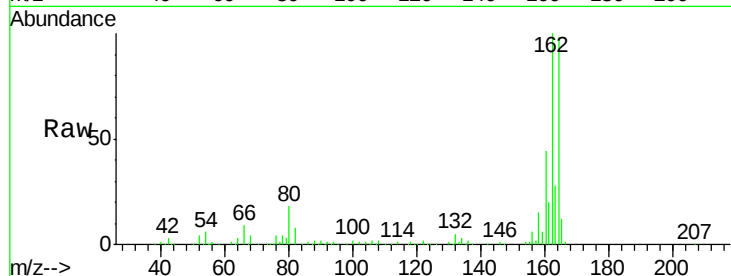
Tot Ion:165 Resp: 19295

Ion Ratio Lower Upper

165 100

63 2.4 47.0 70.6#

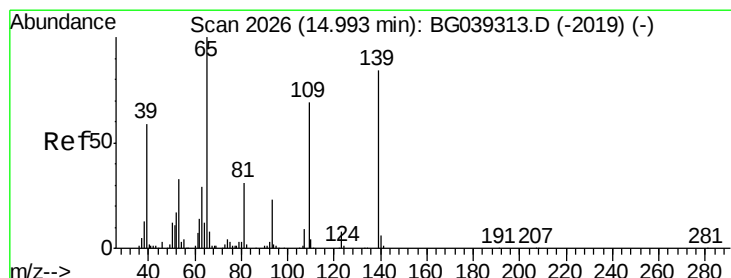
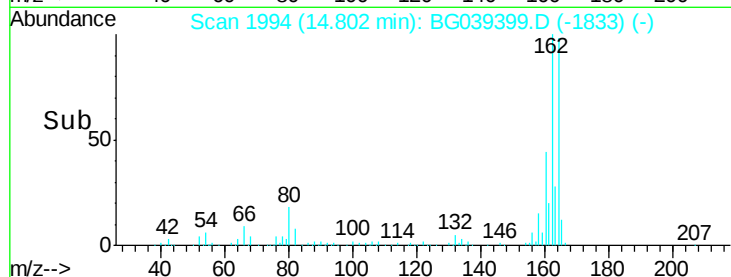
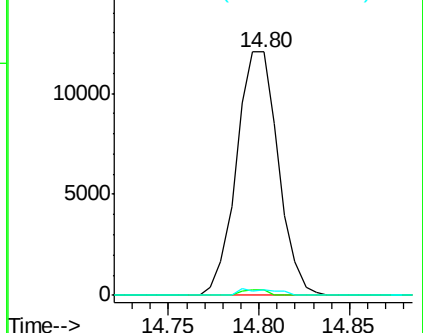
89 2.5 45.8 68.8#



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



#56

4-Nitrophenol

Concen: 5.82 ng

RT: 15.05 min Scan# 2037

Delta R.T. 0.06 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

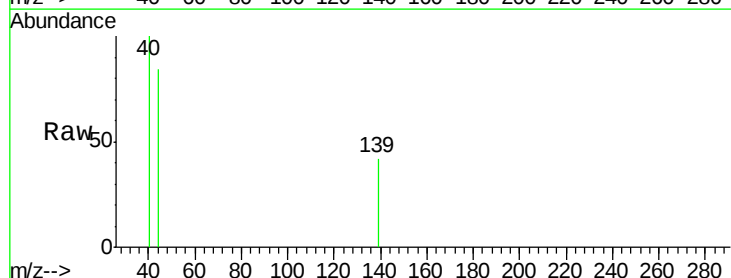
Tgt Ion:139 Resp: 53

Ion Ratio Lower Upper

139 100

109 0.0 61.9 101.9#

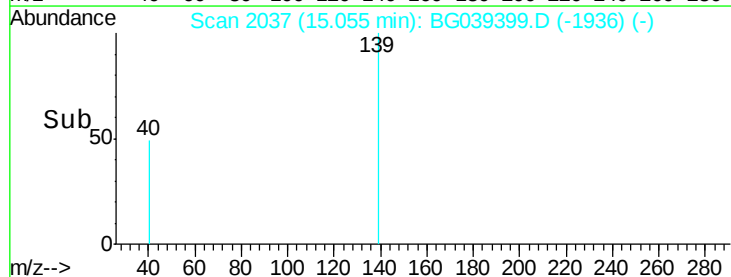
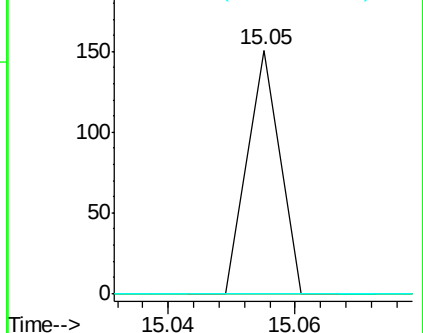
65 0.0 99.1 139.1#



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: 13.40 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.36 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

Instrument :

BNA_G

ClientSampleId :

PB116922TB

Tot Ion:165 Resp: 19295

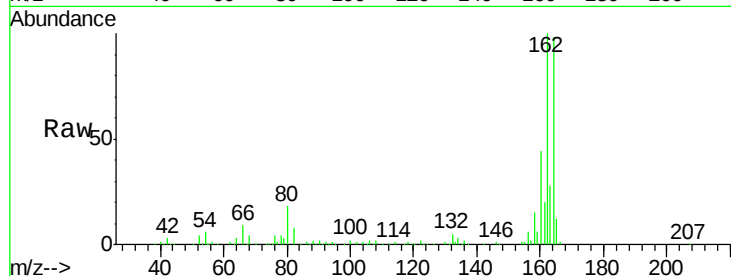
Ion Ratio Lower Upper

165 100

63 2.4 41.0 61.6#

89 2.5 64.6 96.8#

182 0.0 2.0 3.0#

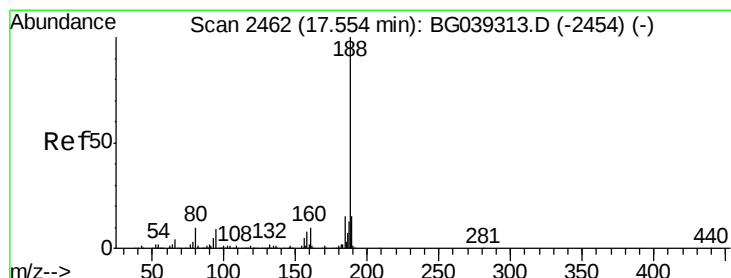
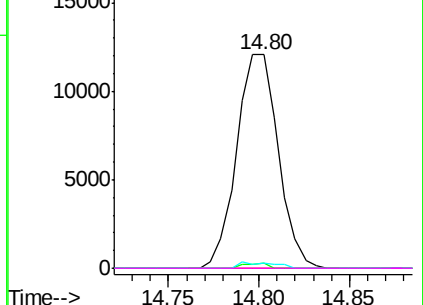
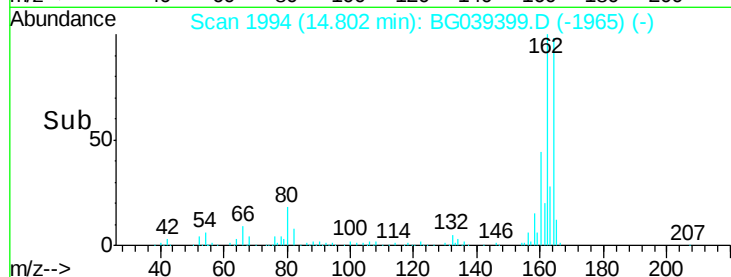


Abundance Ion 165.00 (164.70 to 165.70): E

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



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039399.D

Acq: 8 Feb 2019 2:11

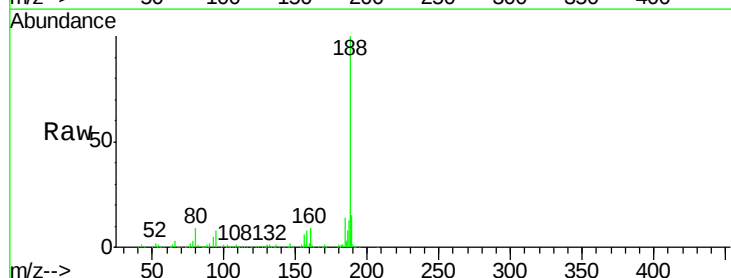
Tgt Ion:188 Resp: 370495

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

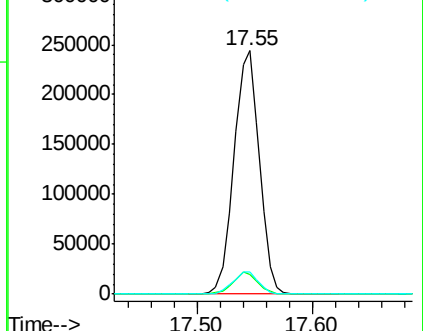
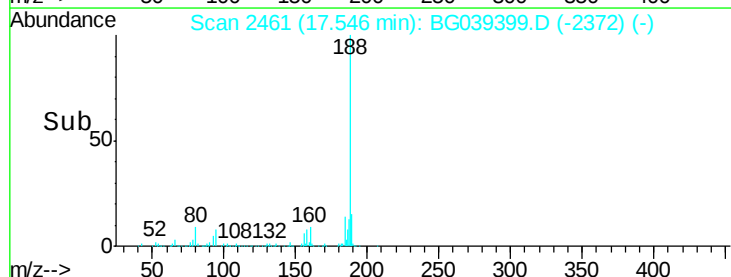
80 8.9 8.1 12.1

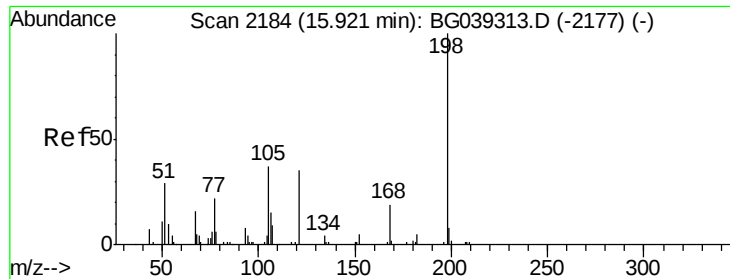


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

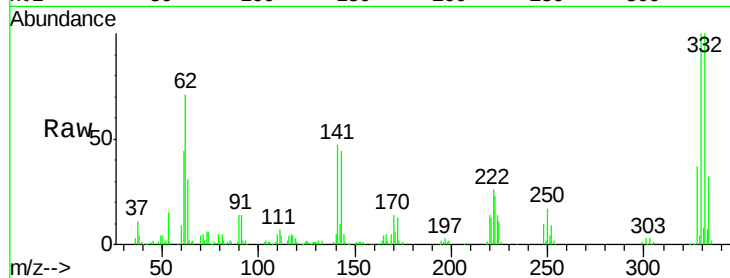




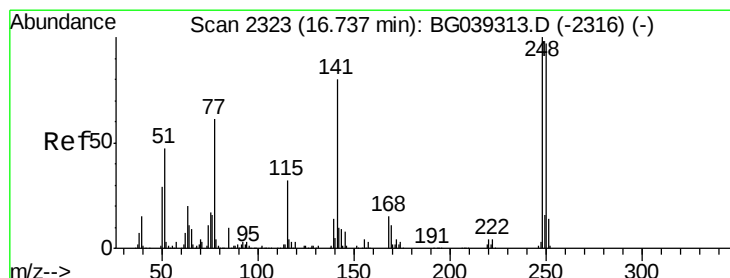
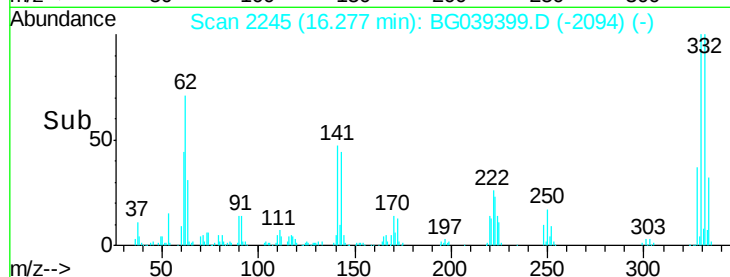
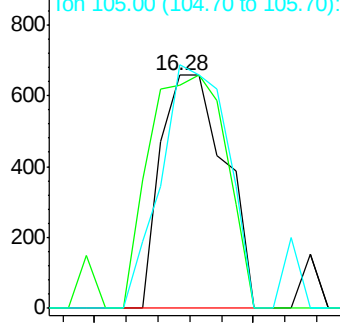
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.97 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. 0.36 min
 Lab File: BG039399.D
 Acq: 8 Feb 2019 2:11

Instrument :
 BNA_G
 ClientSampleId :
 PB116922TB

Tot Ion:198 Resp: 918
 Ion Ratio Lower Upper
 198 100
 51 95.7 27.4 67.4#
 105 104.6 19.7 59.7#

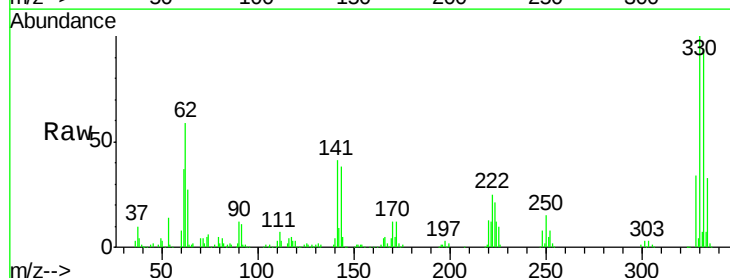


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

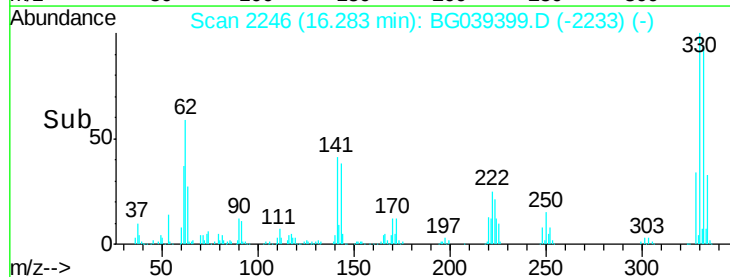
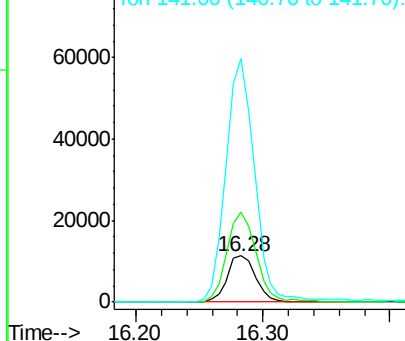


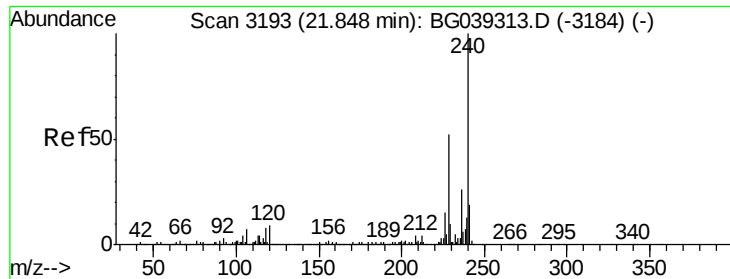
#67
 4-Bromophenyl-phenylether
 Concen: 4.35 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.45 min
 Lab File: BG039399.D
 Acq: 8 Feb 2019 2:11

Tgt Ion:248 Resp: 17880
 Ion Ratio Lower Upper
 248 100
 250 195.5 77.6 116.4#
 141 526.4 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

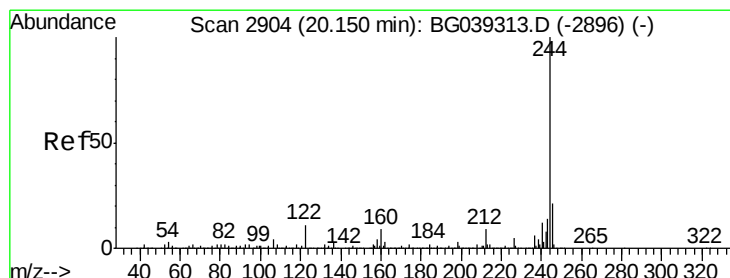
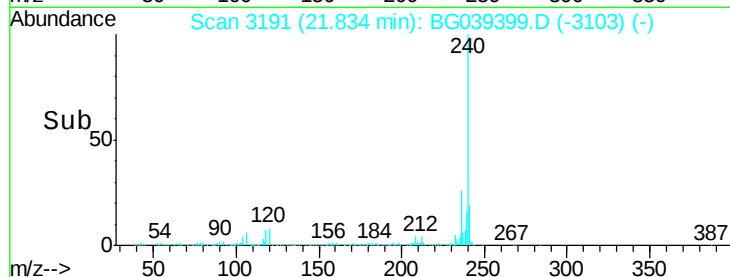
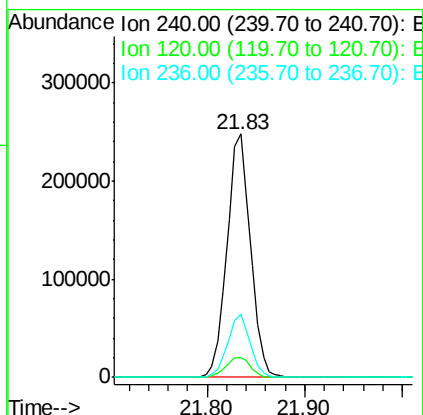
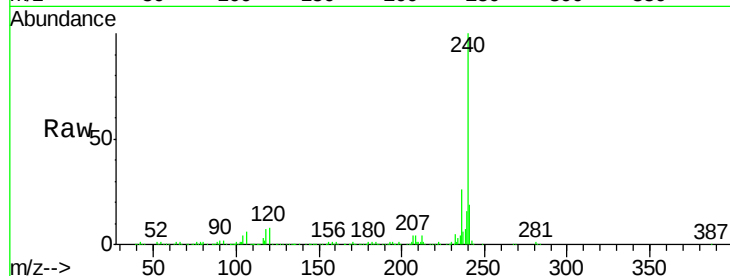




#76
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.83 min Scan# 3191
 Delta R.T. -0.01 min
 Lab File: BG039399.D
 Acq: 8 Feb 2019 2:11

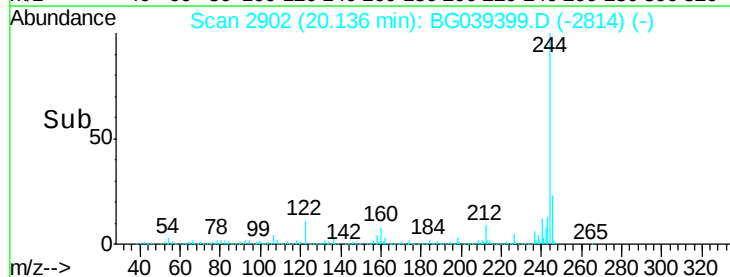
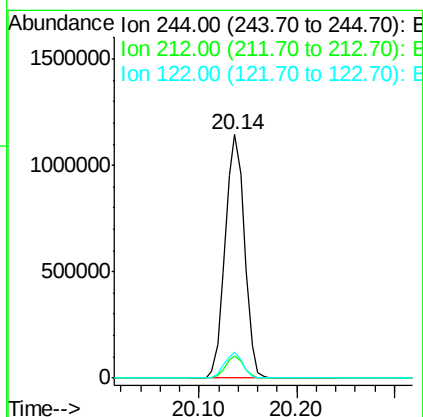
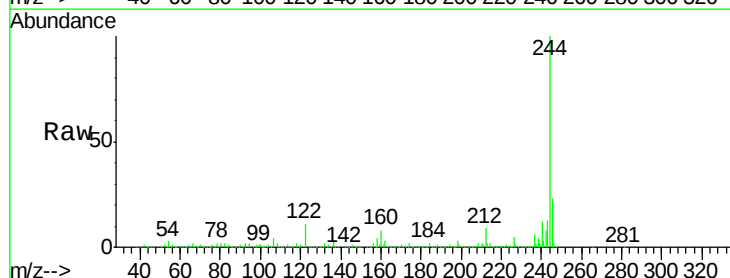
Instrument :
 BNA_G
 ClientSampleId :
 PB116922TB

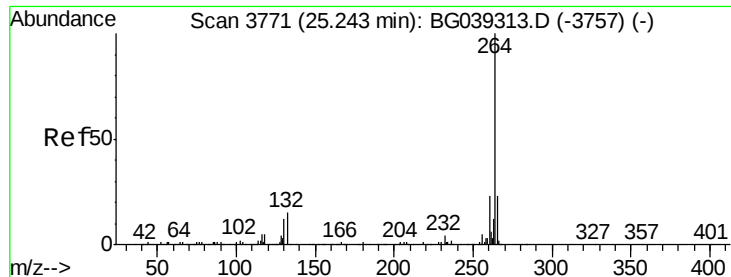
Tot Ion:240 Resp: 414164
 Ion Ratio Lower Upper
 240 100
 120 7.9 7.0 10.6
 236 25.9 21.0 31.4



#79
 Terphenyl-d14
 Concen: 80.26 ng
 RT: 20.14 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: BG039399.D
 Acq: 8 Feb 2019 2:11

Tgt Ion:244 Resp: 1570481
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.3 10.9
 122 10.5 8.4 12.6





#87
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039399.D
Acq: 8 Feb 2019 2:11

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	22.6	18.5	27.7

