

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039392.D
 Acq On : 7 Feb 2019 21:36
 Operator : JU/SJ
 Sample : K1392-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Quant Time: Feb 08 09:14:34 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	52483	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	219214	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	144743	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	348631	20.00	ng	0.00
76) Chrysene-d12	21.83	240	371163	20.00	ng	-0.01
87) Perylene-d12	25.22	264	374206	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	218341	71.20	ng	0.00
7) Phenol-d6	7.31	99	197407	43.73	ng	-0.01
23) Nitrobenzene-d5	9.35	82	420682	119.89	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	253974	162.95	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	1009976	100.10	ng	0.00
79) Terphenyl-d14	20.14	244	1583608	90.31	ng	-0.01

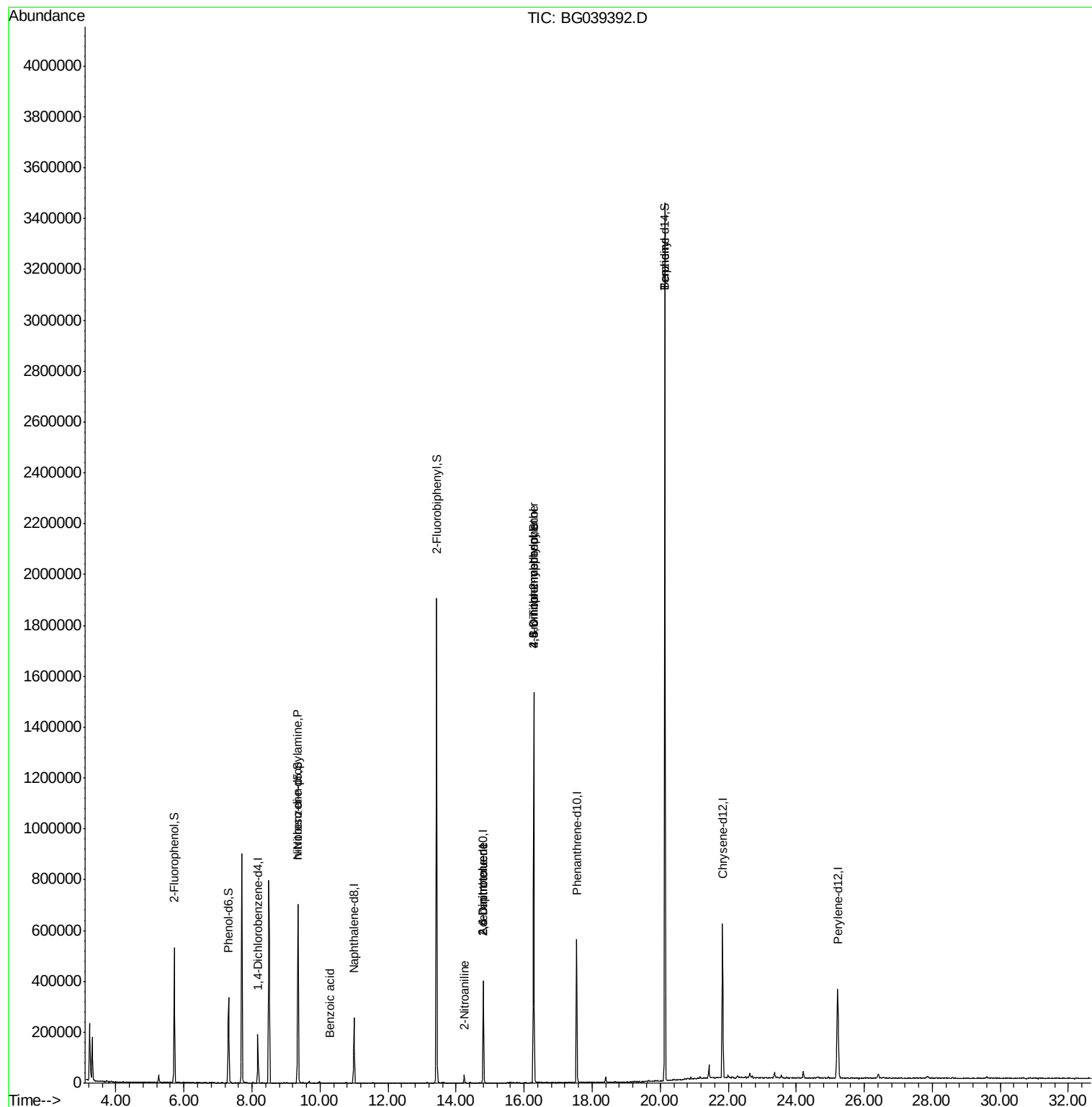
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.32	77	366	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	54592	17.04	ng	71
32) Benzoic acid	10.29	122	65	9.05	ng	1
48) 2-Nitroaniline	14.24	65	232	8.37	ng	1
51) 2,6-Dinitrotoluene	14.80	165	18802	13.99	ng	25
57) 2,4-Dinitrotoluene	14.80	165	18802	13.45	ng	20
65) 4,6-Dinitro-2-methylphenol	16.29	198	952	5.05	ng	29
67) 4-Bromophenyl-phenylether	16.28	248	19531	5.05	ng	1
77) Benzidine	20.14	184	28476	2.34	ng	94

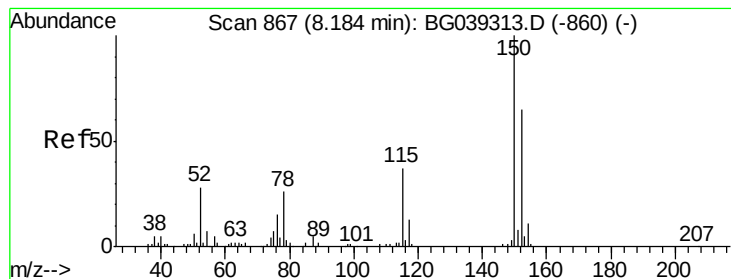
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039392.D
Acq On : 7 Feb 2019 21:36
Operator : JU/SJ
Sample : K1392-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Time: Feb 08 09:14:34 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: BG039392.D

Acq: 7 Feb 2019 21:36

Instrument :

BNA_G

ClientSampleId :

MW-6

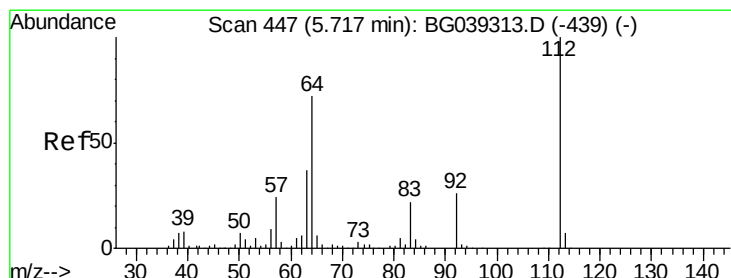
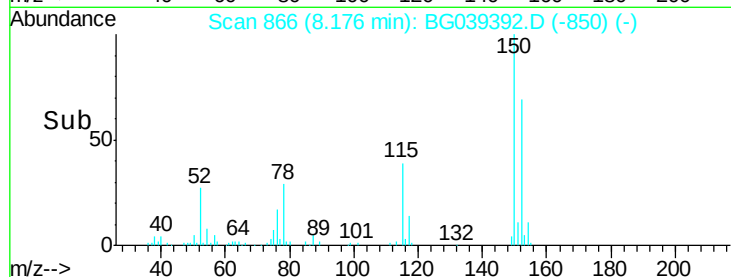
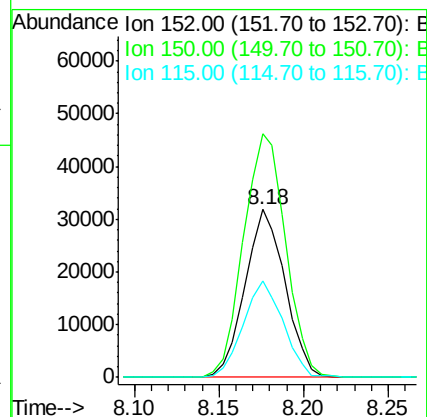
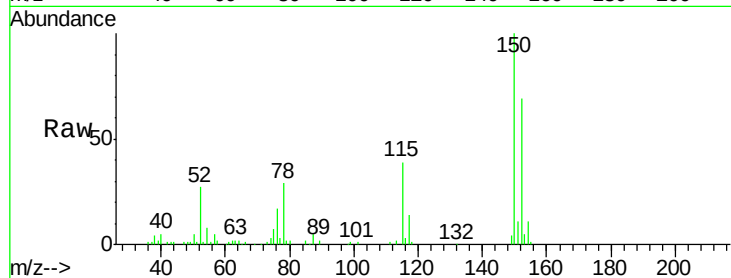
Tot Ion:152 Resp: 52483

Ion Ratio Lower Upper

152 100

150 145.4 123.7 185.5

115 57.3 45.9 68.9



#5

2-Fluorophenol

Concen: 71.20 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

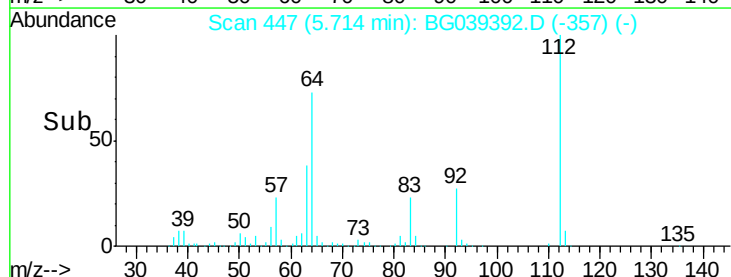
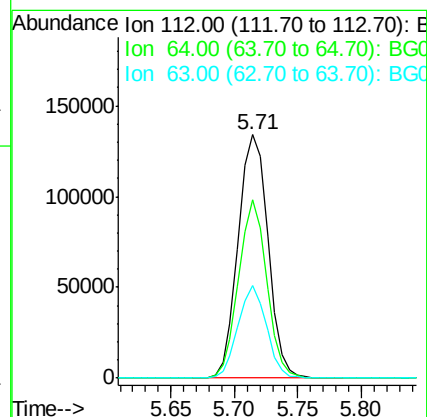
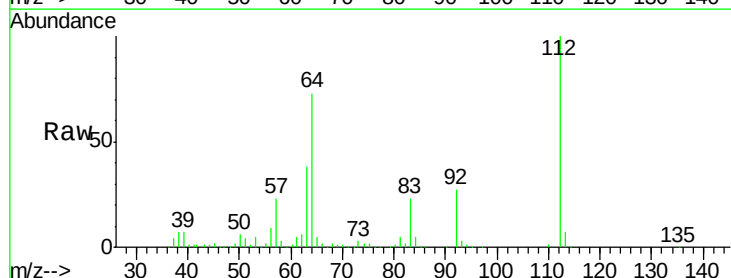
Tgt Ion:112 Resp: 218341

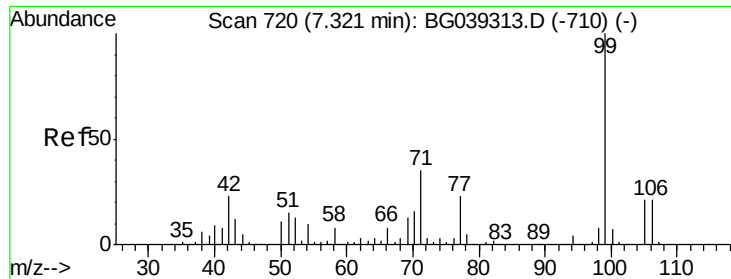
Ion Ratio Lower Upper

112 100

64 73.2 57.8 86.8

63 37.8 29.8 44.6





#7

Phenol-d6

Concen: 43.73 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

Instrument :

BNA_G

ClientSampled :

MW-6

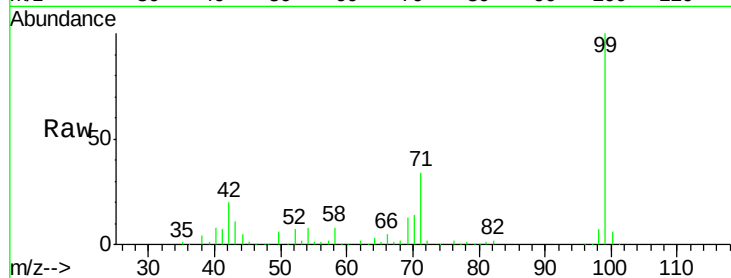
Tot Ion: 99 Resp: 197407

Ion Ratio Lower Upper

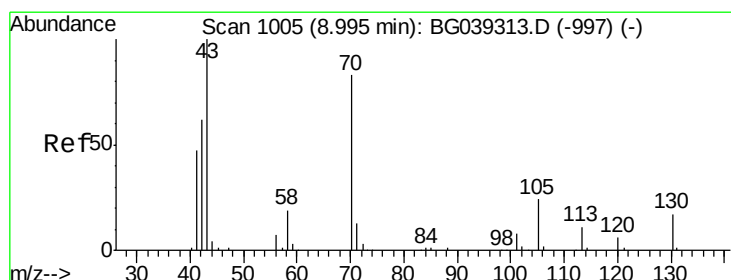
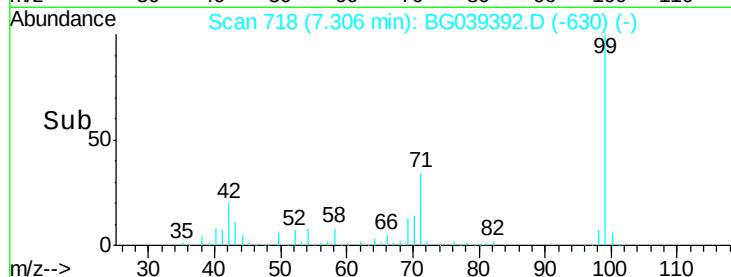
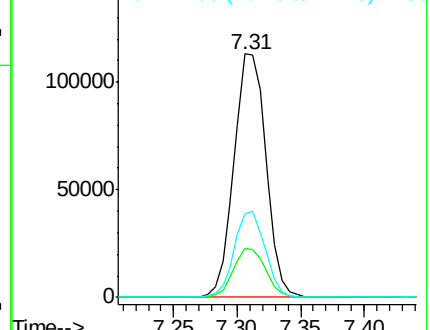
99 100

42 19.9 18.2 27.2

71 34.4 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: 17.04 ng

RT: 9.35 min Scan# 1066

Delta R.T. 0.36 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

Tgt Ion: 70 Resp: 54592

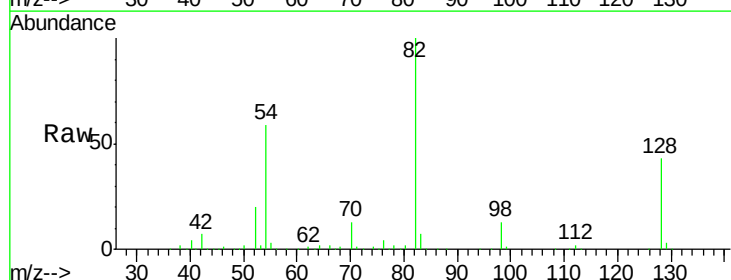
Ion Ratio Lower Upper

70 100

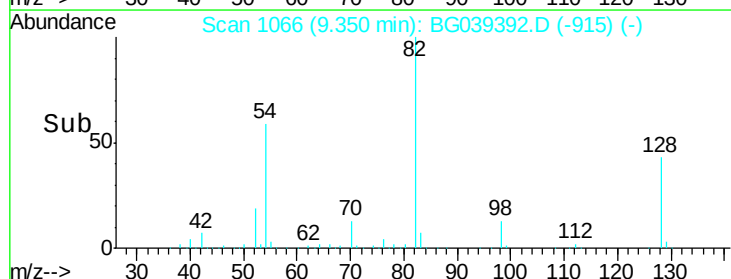
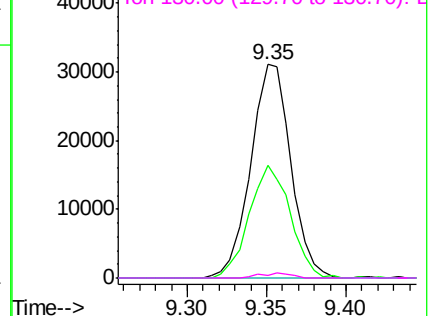
42 53.0 60.4 90.6#

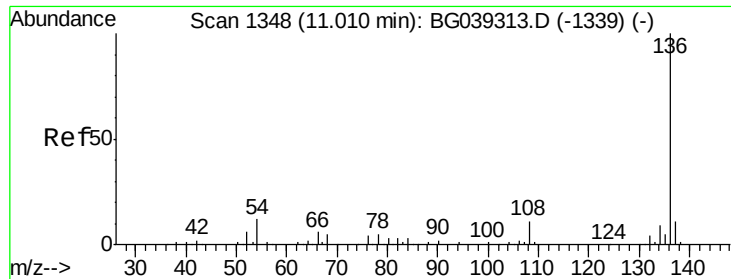
101 0.0 7.5 11.3#

130 1.5 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

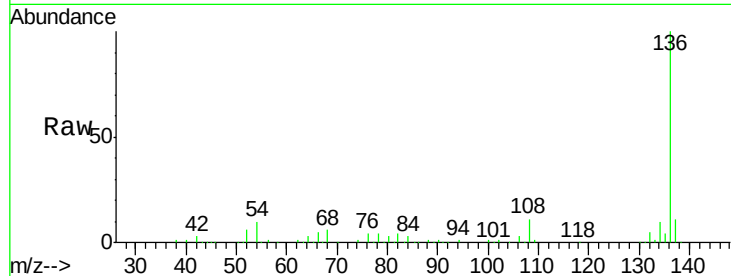




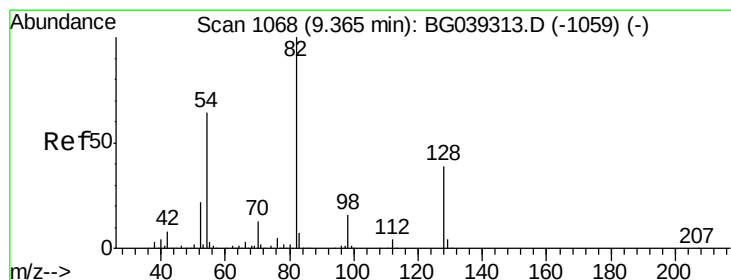
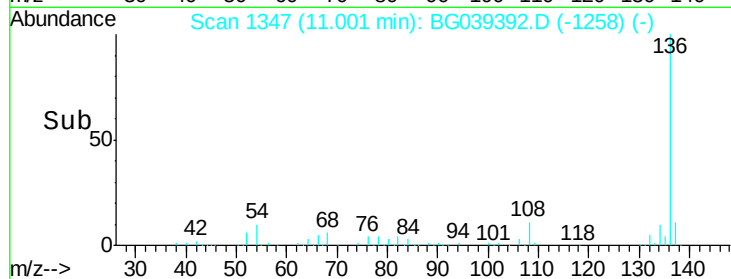
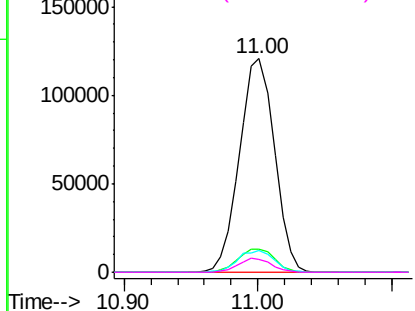
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Instrument :
BNA_G
ClientSampleId :
MW-6

Tot Ion:136	Resp:	219214
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.1 13.7
54	10.4	9.4 14.2
68	6.1	4.2 6.4

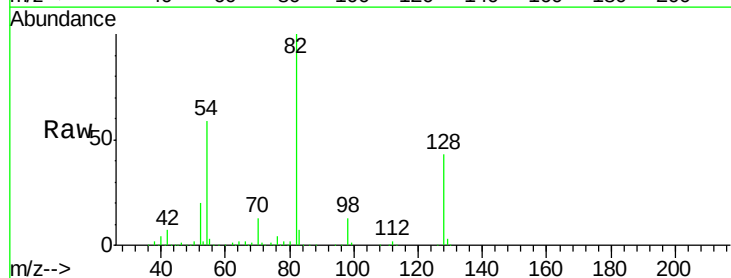


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

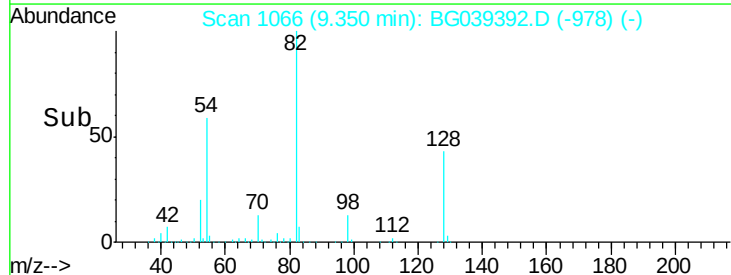
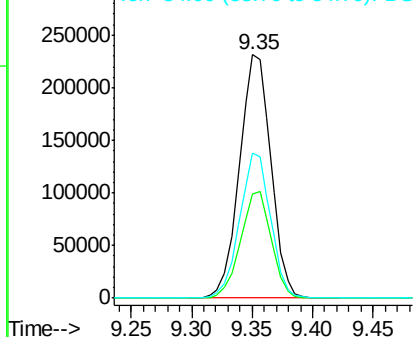


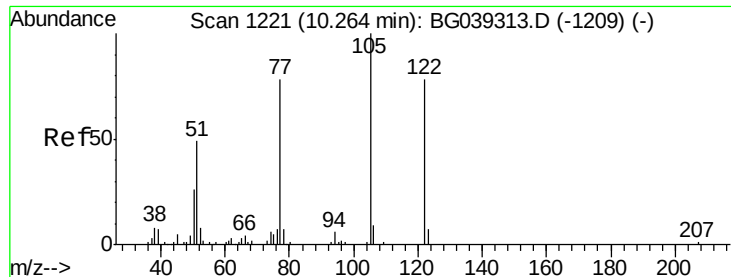
#23
Nitrobenzene-d5
Concen: 119.89 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039392.D
Acq: 7 Feb 2019 21:36

Tgt Ion: 82	Resp:	420682
Ion	Ratio	Lower Upper
82	100	
128	42.6	31.3 46.9
54	59.4	50.9 76.3



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





#32

Benzoic acid

Concen: 9.05 ng

RT: 10.29 min Scan# 1226

Delta R.T. 0.03 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

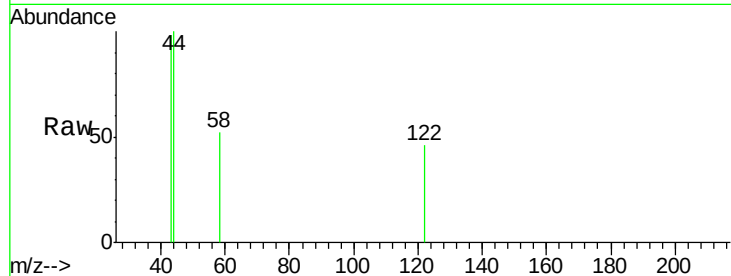
Instrument :

BNA_G

ClientSampleId :

MW-6

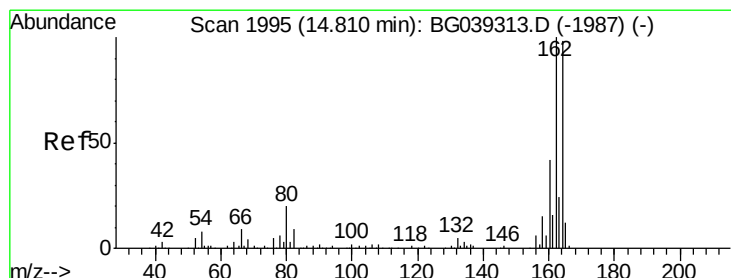
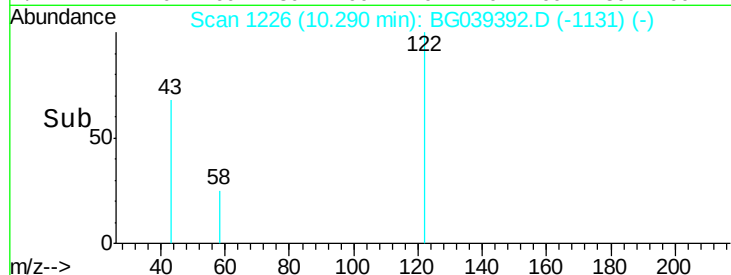
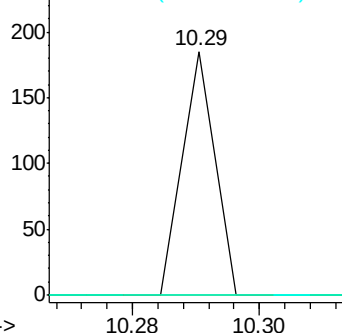
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.00 ng

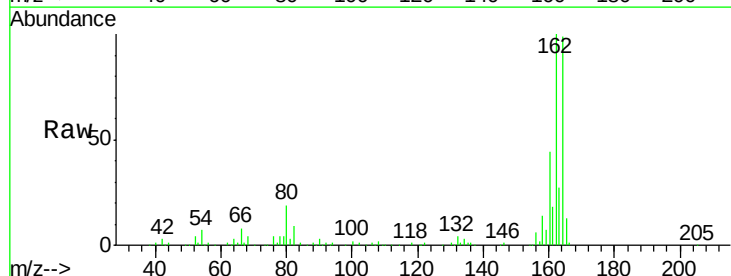
RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

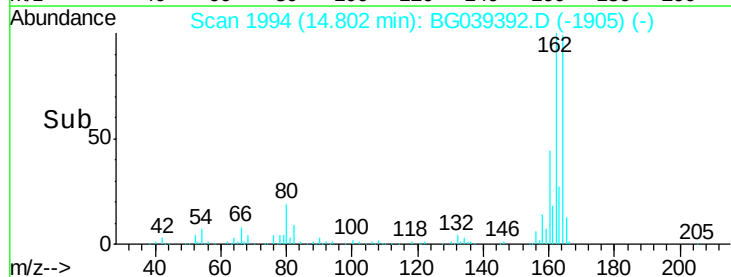
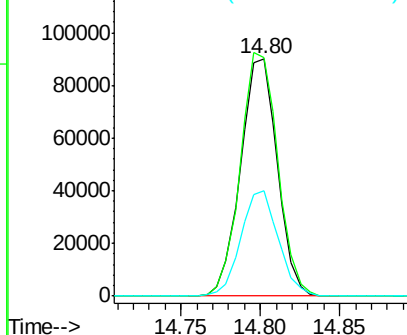
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.6	122.4
160	44.6	34.2	51.2

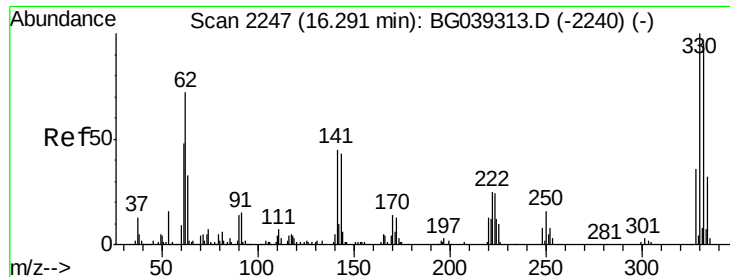


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

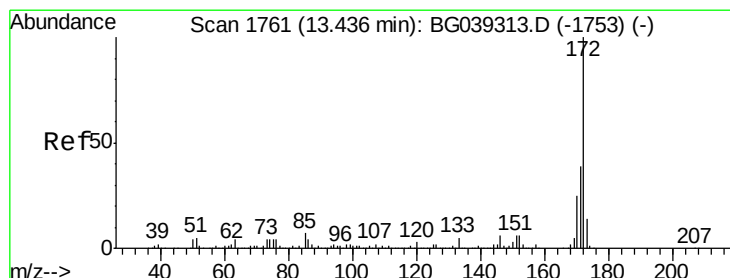
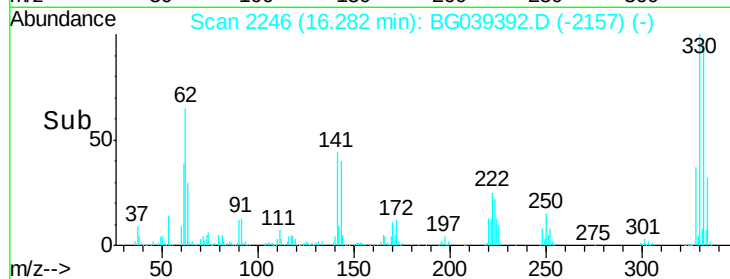
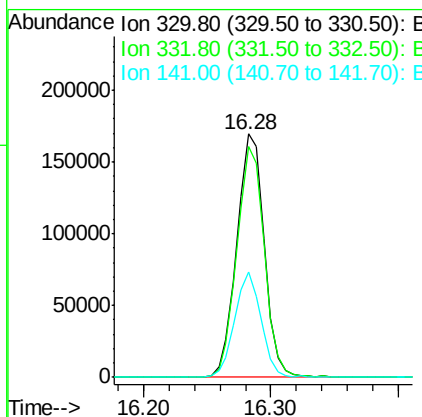
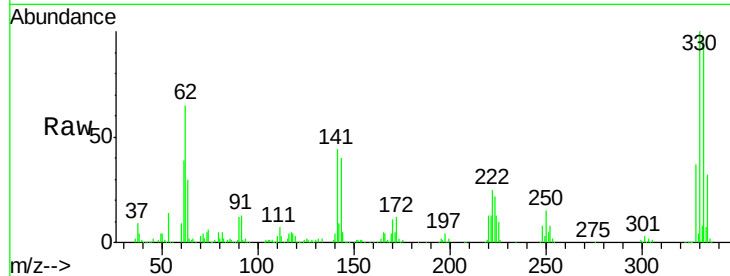




#42
 2,4,6-Tribromophenol
 Concen: 162.95 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039392.D
 Acq: 7 Feb 2019 21:36

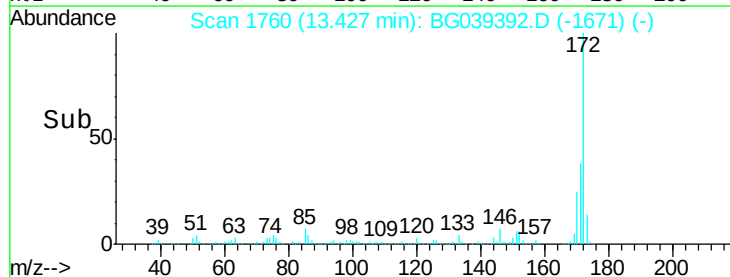
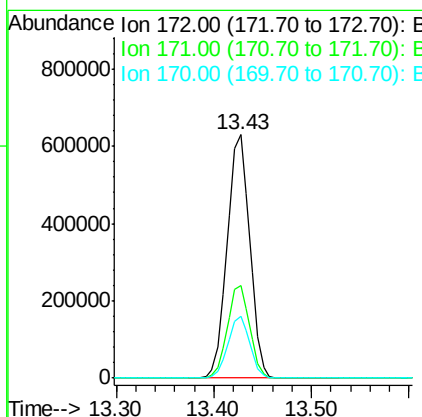
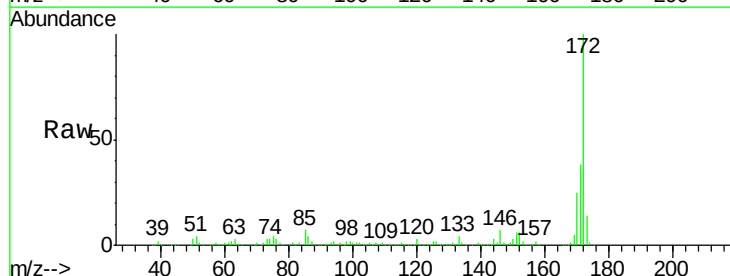
Instrument :
 BNA_G
 ClientSampled :
 MW-6

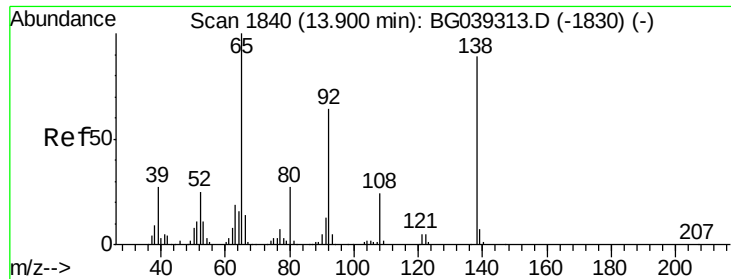
Tot Ion:330 Resp: 253974
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.7 113.5
 141 41.4 35.6 53.4



#45
 2-Fluorobiphenyl
 Concen: 100.10 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039392.D
 Acq: 7 Feb 2019 21:36

Tgt Ion:172 Resp: 1009976
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.8 46.2
 170 25.4 20.2 30.4





#48

2-Nitroaniline

Concen: 8.37 ng

RT: 14.24 min Scan# 1899

Delta R.T. 0.34 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

Instrument :

BNA_G

ClientSampleId :

MW-6

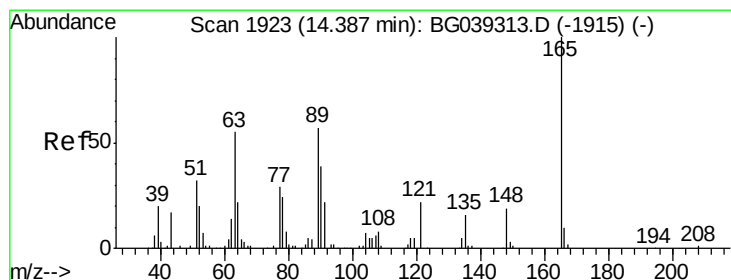
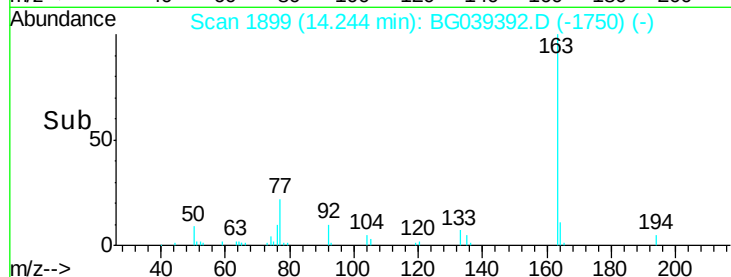
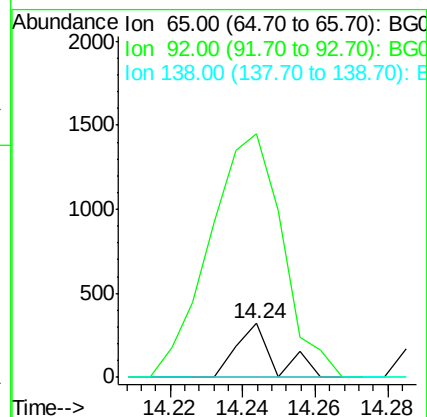
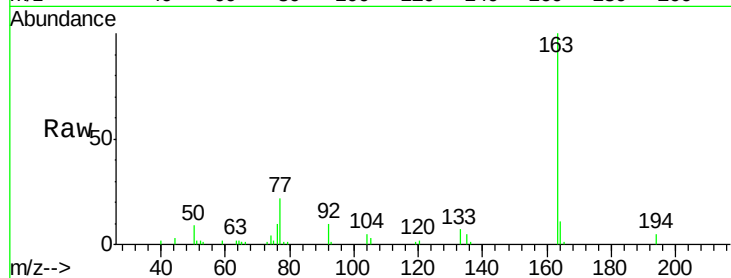
Tot Ion: 65 Resp: 232

Ion Ratio Lower Upper

65 100

92 452.8 51.4 77.2#

138 0.0 71.4 107.2#



#51

2,6-Dinitrotoluene

Concen: 13.99 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.41 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

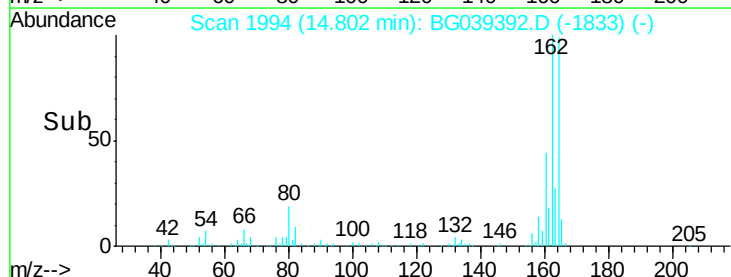
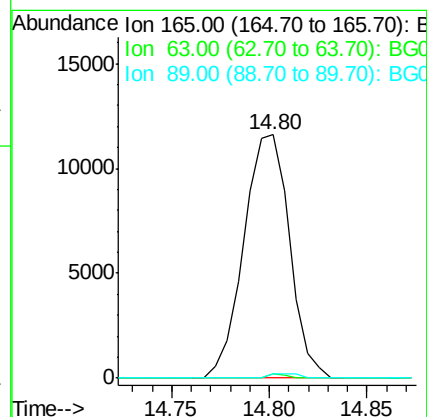
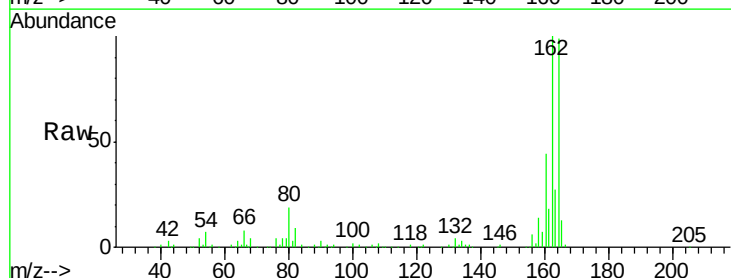
Tgt Ion:165 Resp: 18802

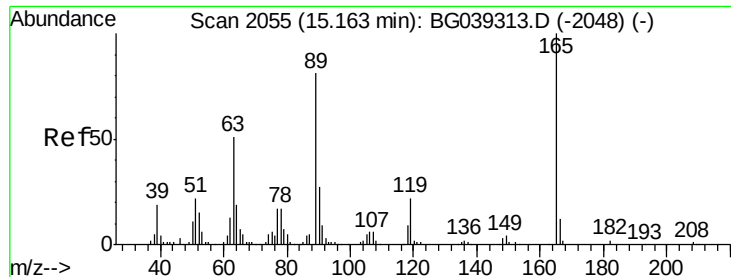
Ion Ratio Lower Upper

165 100

63 1.9 47.0 70.6#

89 2.0 45.8 68.8#





#57

2,4-Dinitrotoluene

Concen: 13.45 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.36 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

Instrument :

BNA_G

ClientSampleId :

MW-6

Tot Ion:165 Resp: 18802

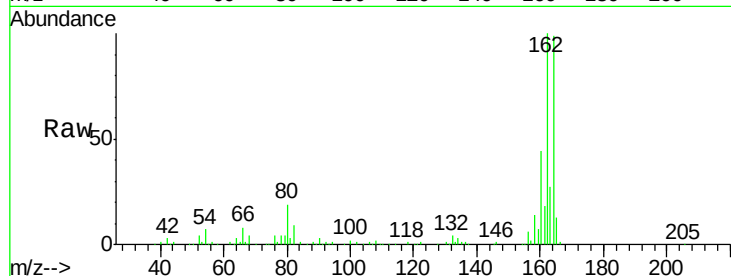
Ion Ratio Lower Upper

165 100

63 1.9 41.0 61.6#

89 2.0 64.6 96.8#

182 0.0 2.0 3.0#

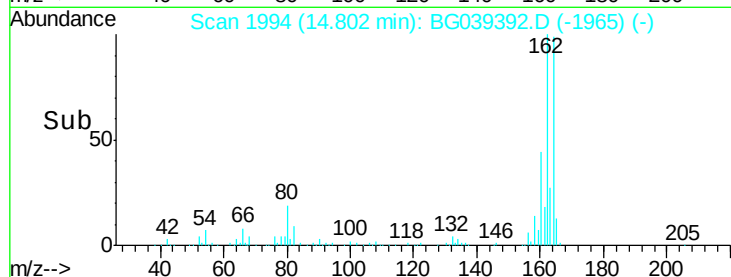


Abundance Ion 165.00 (164.70 to 165.70): E

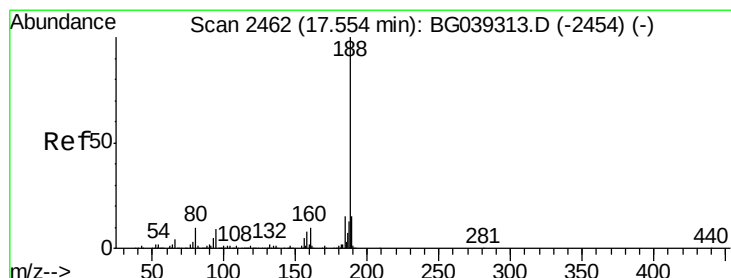
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

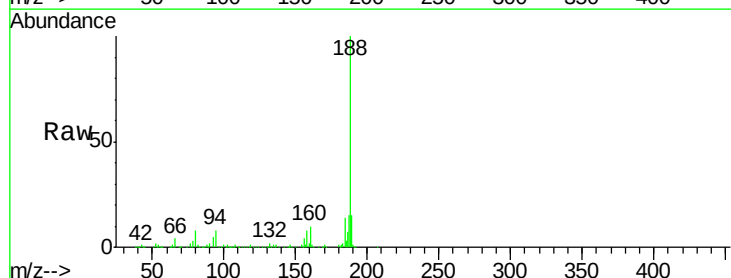
Tgt Ion:188 Resp: 348631

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

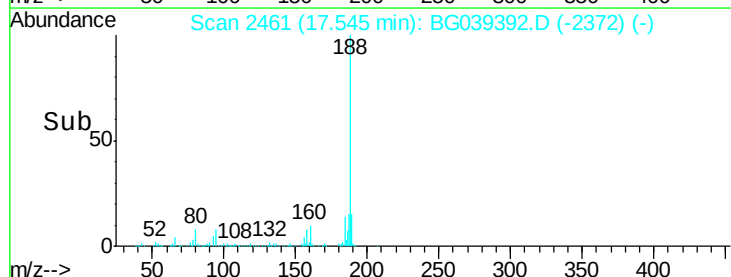
80 8.3 8.1 12.1



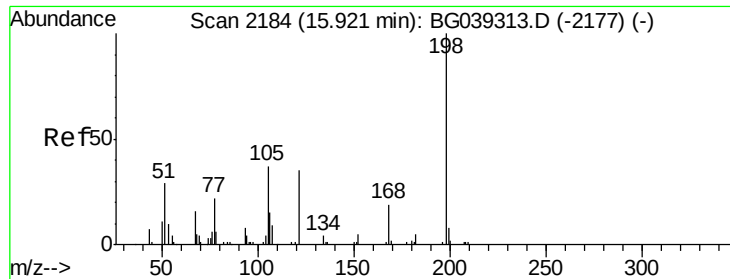
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 5.05 ng

RT: 16.29 min Scan# 2247

Delta R.T. 0.37 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

Instrument :

BNA_G

ClientSampled :

MW-6

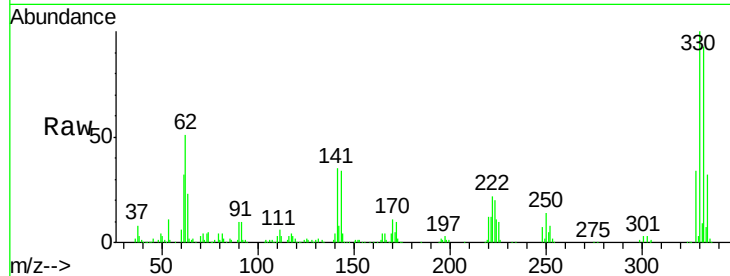
Tot Ion:198 Resp: 952

Ion Ratio Lower Upper

198 100

51 102.3 27.4 67.4#

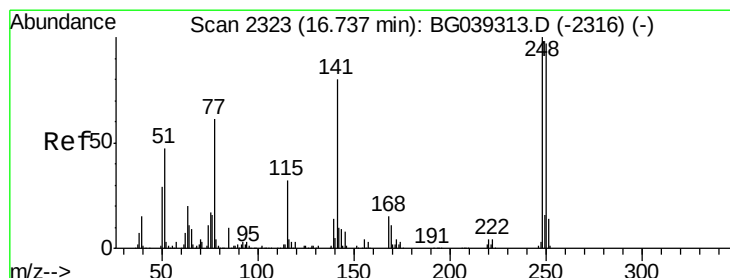
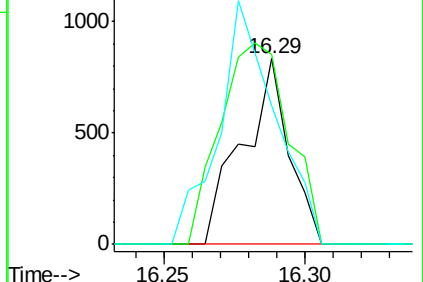
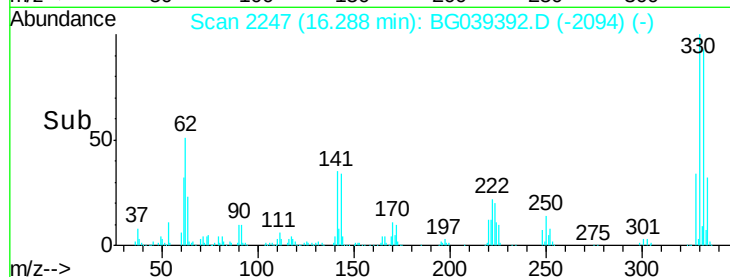
105 74.9 19.7 59.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 5.05 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.45 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

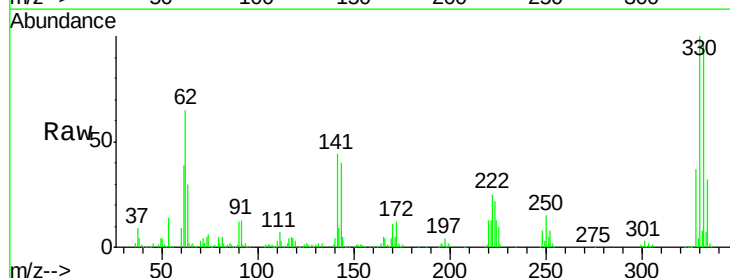
Tgt Ion:248 Resp: 19531

Ion Ratio Lower Upper

248 100

250 181.4 77.6 116.4#

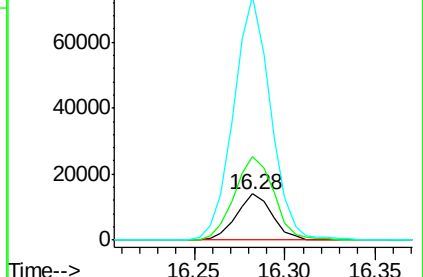
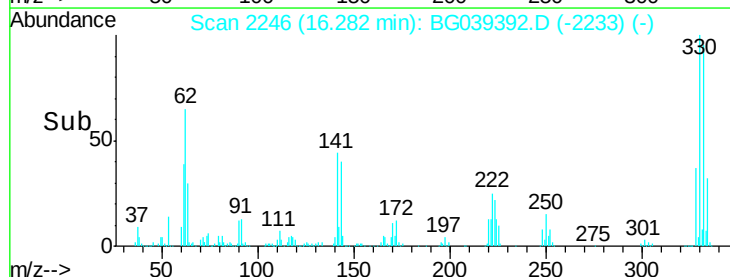
141 524.6 63.9 95.9#

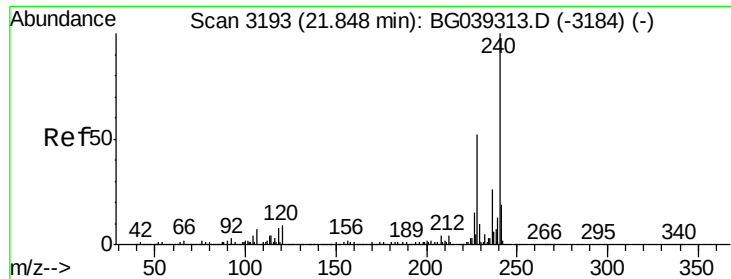


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

Instrument :

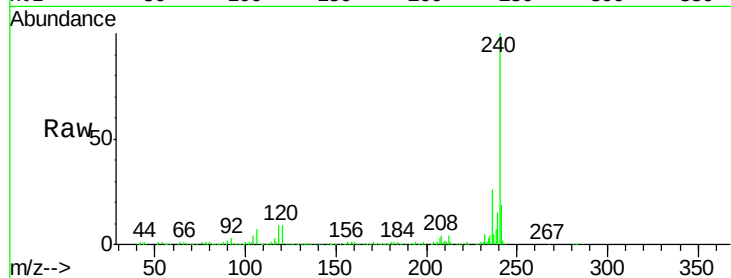
BNA_G

ClientSampleId :

MW-6

Tot Ion:240 Resp: 371163

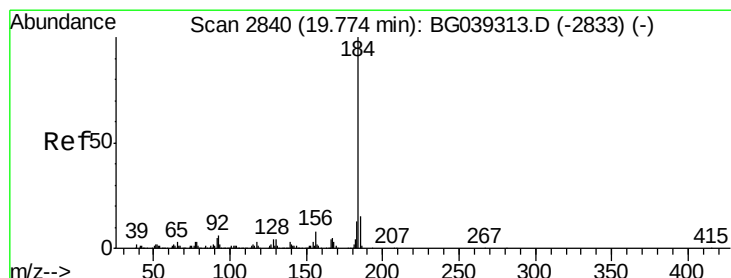
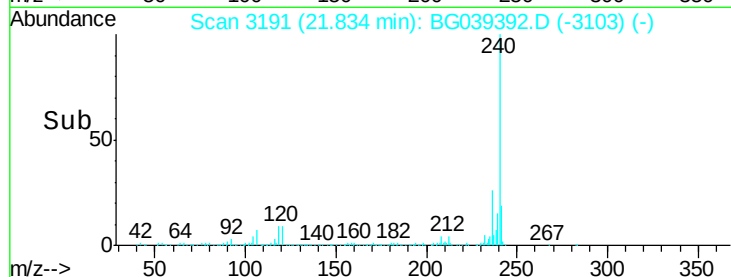
Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	26.0	21.0	31.4



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: 2.34 ng

RT: 20.14 min Scan# 2902

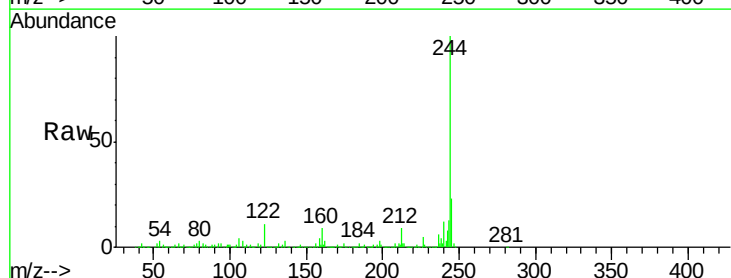
Delta R.T. 0.36 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

Tgt Ion:184 Resp: 28476

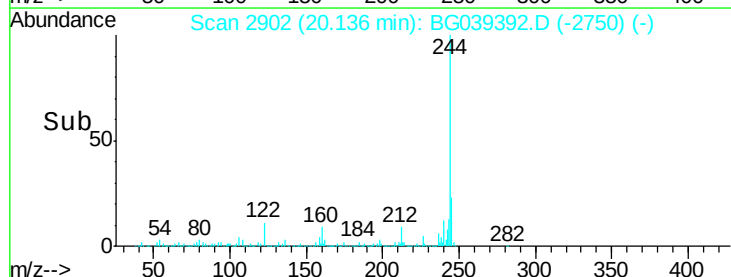
Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.2	18.2
183	9.5	10.6	15.8#

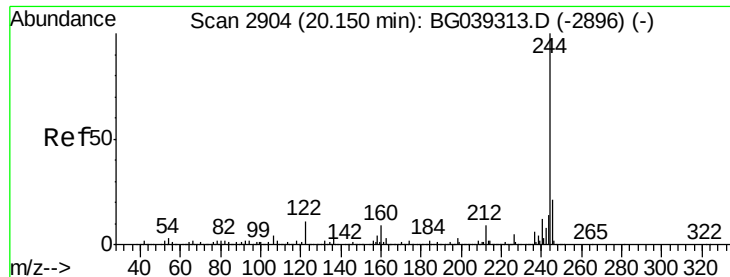


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 90.31 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

Instrument :

BNA_G

ClientSampled :

MW-6

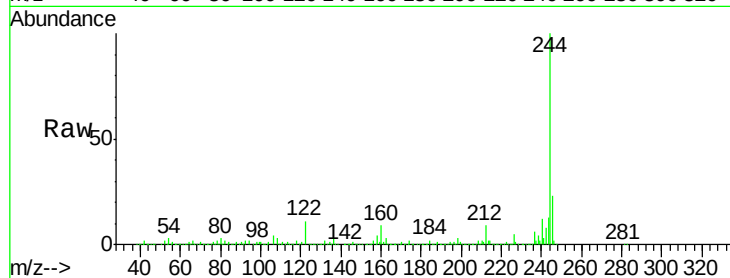
Tot Ion:244 Resp: 1583608

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

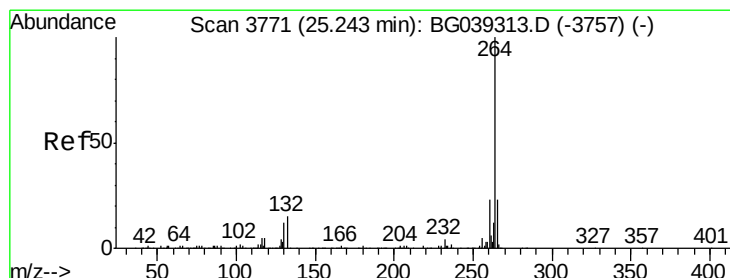
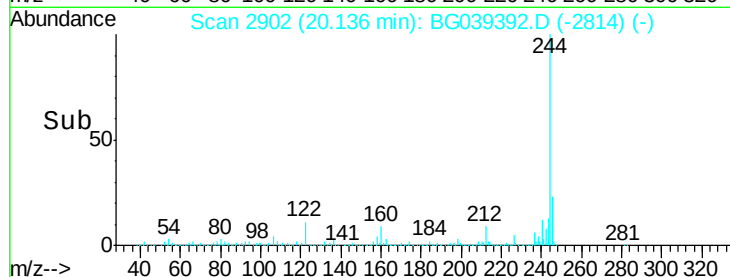
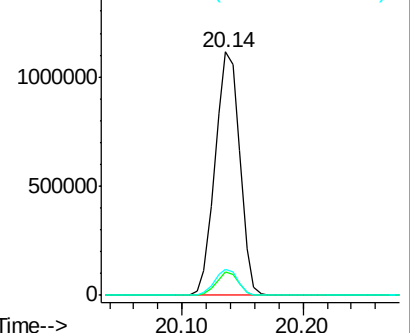
122 10.5 8.4 12.6



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: 20.00 ng

RT: 25.22 min Scan# 3767

Delta R.T. -0.03 min

Lab File: BG039392.D

Acq: 7 Feb 2019 21:36

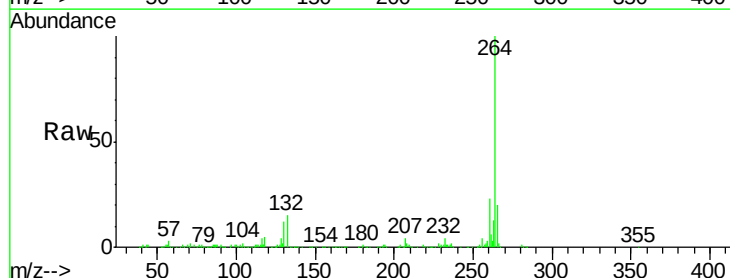
Tgt Ion:264 Resp: 374206

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 20.3 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

