

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010919\
 Data File : BG039046.D
 Acq On : 10 Jan 2019 8:53
 Operator : JU/SJ
 Sample : K1006-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-B

Quant Time: Jan 10 09:53:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

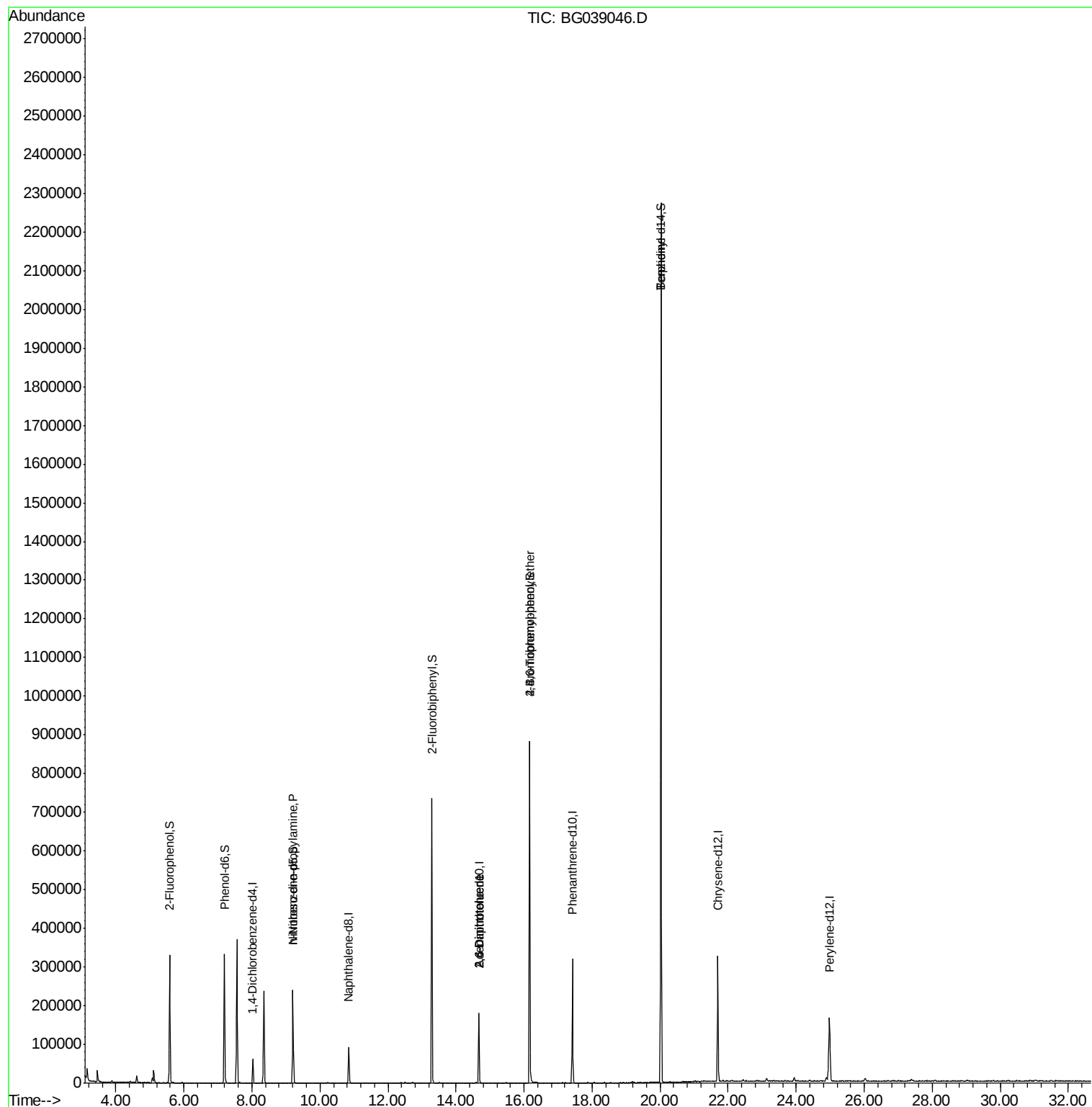
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	19689	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	85616	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67864	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	210637	20.00	ng	0.00
76) Chrysene-d12	21.70	240	203983	20.00	ng	0.00
87) Perylene-d12	24.98	264	203306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	154328	148.69	ng	0.00
7) Phenol-d6	7.19	99	200114	133.97	ng	0.00
23) Nitrobenzene-d5	9.21	82	143631	91.80	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	196667	172.88	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	410226	82.73	ng	0.00
79) Terphenyl-d14	20.02	244	1175923	106.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	19172	19.546	ng	# 67
51) 2,6-Dinitrotoluene	14.67	165	8679	6.769	ng	# 24
57) 2,4-Dinitrotoluene	14.67	165	8679	4.718	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	12475	4.607	ng	# 1
77) Benzidine	20.02	184	19332	3.099	ng	# 94

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

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QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG039046.D

Acq: 10 Jan 2019 8:53

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-B

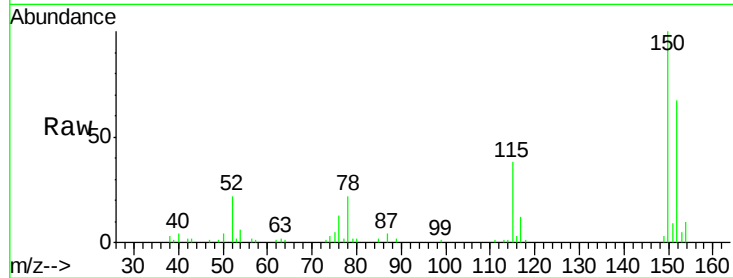
Tgt Ion:152 Resp: 19689

Ion Ratio Lower Upper

152 100

150 148.4 124.7 187.1

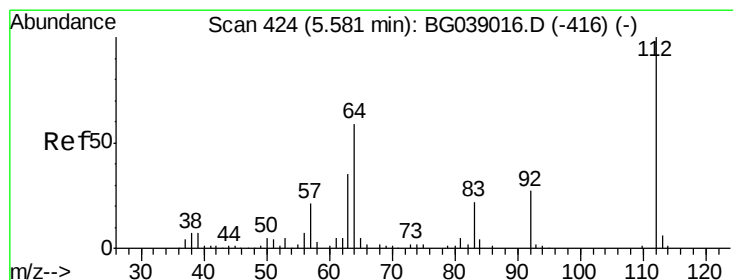
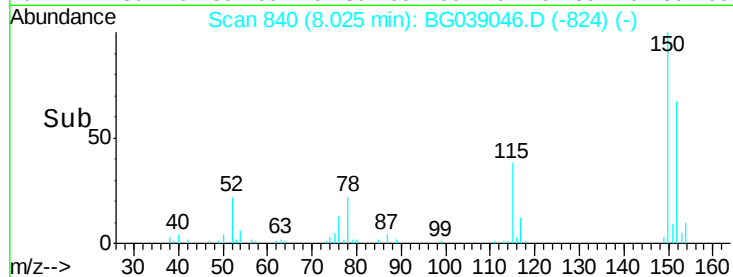
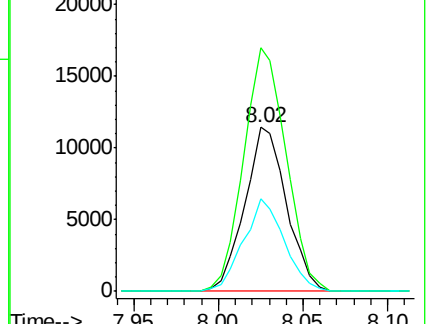
115 56.2 46.5 69.7



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: 148.691 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039046.D

Acq: 10 Jan 2019 8:53

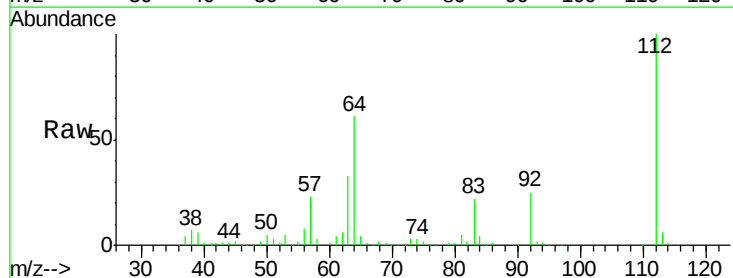
Tgt Ion:112 Resp: 154328

Ion Ratio Lower Upper

112 100

64 61.3 47.0 70.6

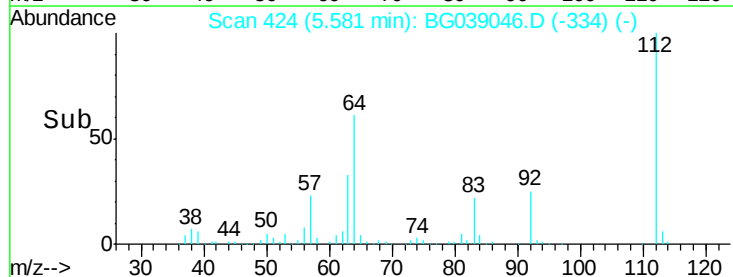
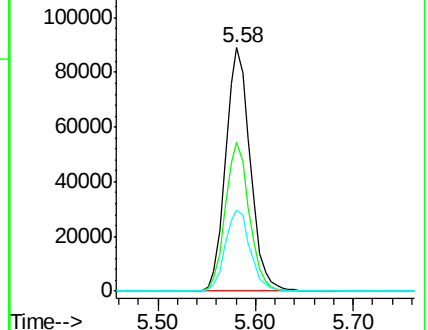
63 33.4 28.0 42.0

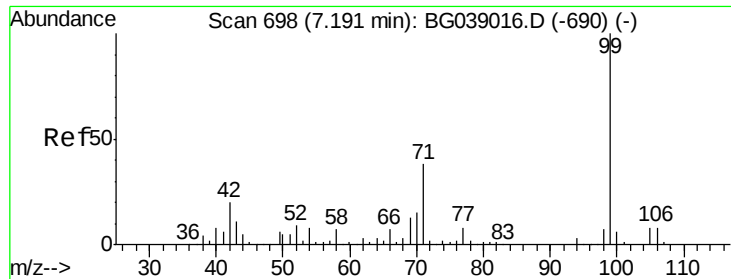


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.973 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039046.D

Acq: 10 Jan 2019 8:53

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-B

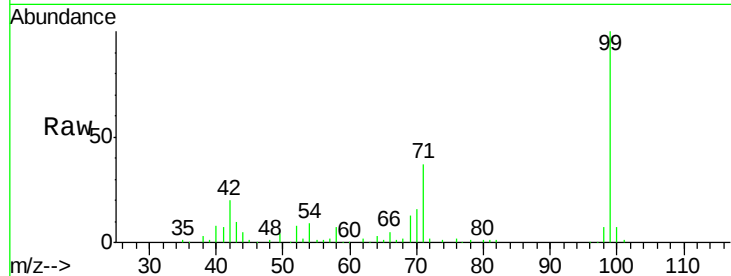
Tgt Ion: 99 Resp: 200114

Ion Ratio Lower Upper

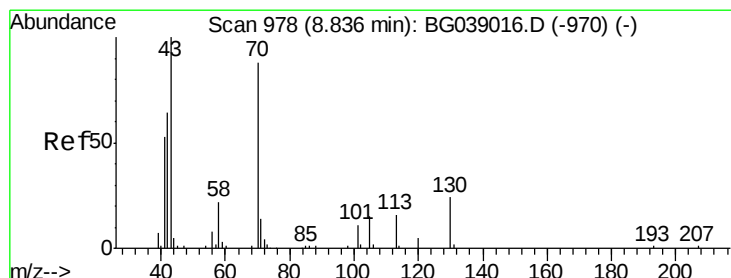
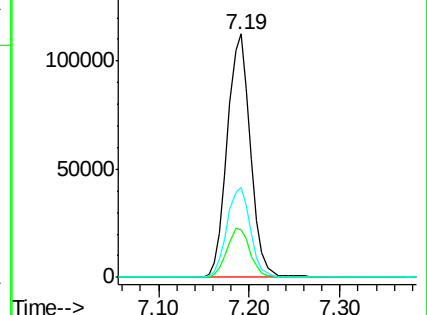
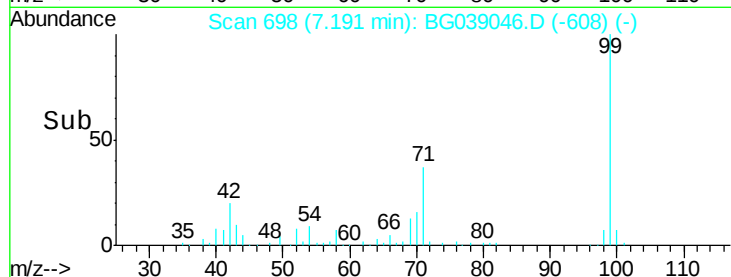
99 100

42 19.6 15.8 23.6

71 37.2 30.2 45.4



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: 19.546 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.37 min

Lab File: BG039046.D

Acq: 10 Jan 2019 8:53

Tgt Ion: 70 Resp: 19172

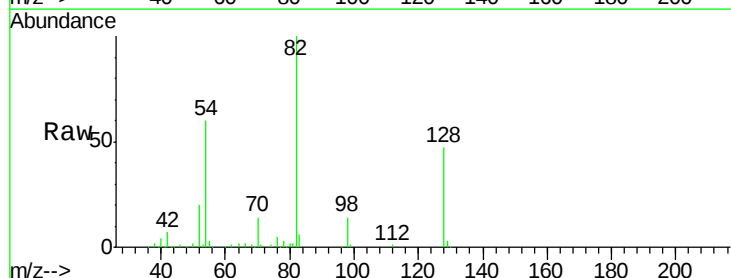
Ion Ratio Lower Upper

70 100

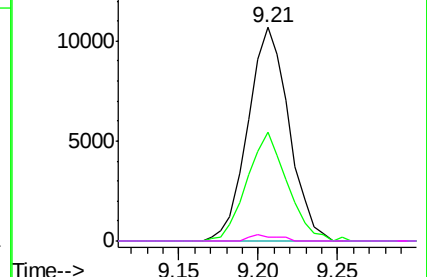
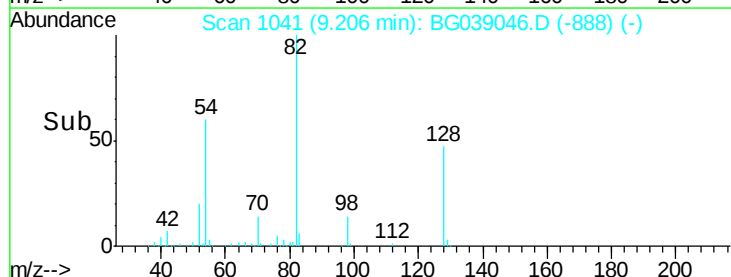
42 50.9 59.0 88.4#

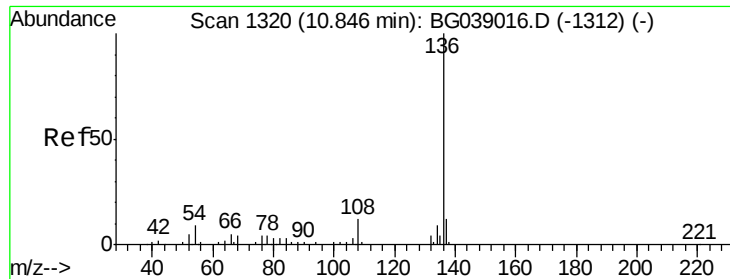
101 0.0 10.4 15.6#

130 1.6 21.6 32.4#



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

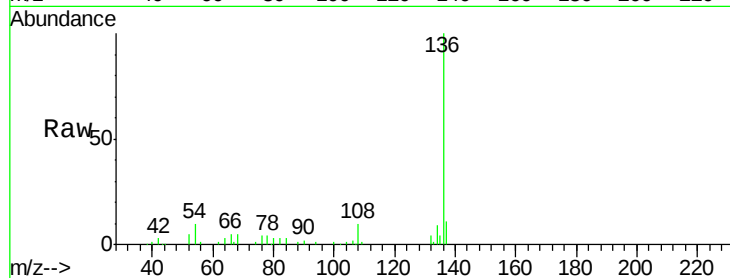




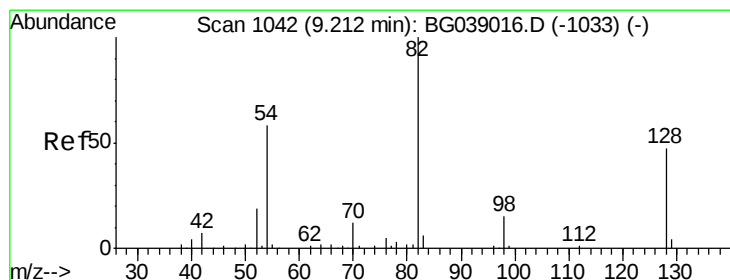
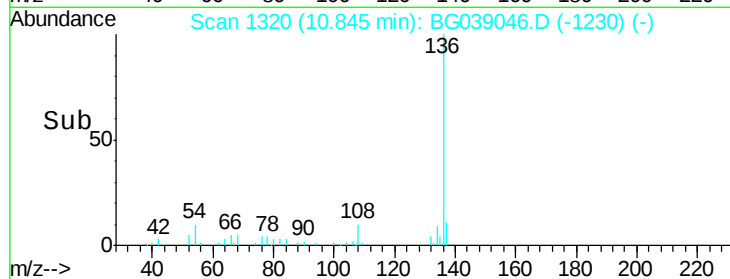
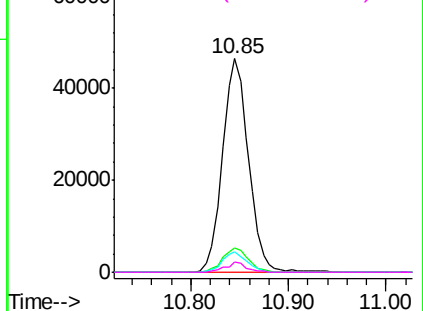
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-B

Tgt Ion:	136	Resp:	85616
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	9.8	7.2	10.8
68	4.8	3.5	5.3

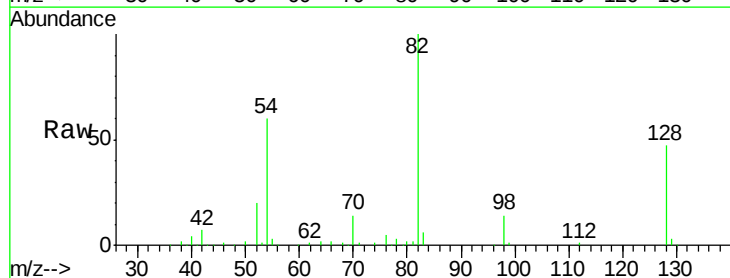


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

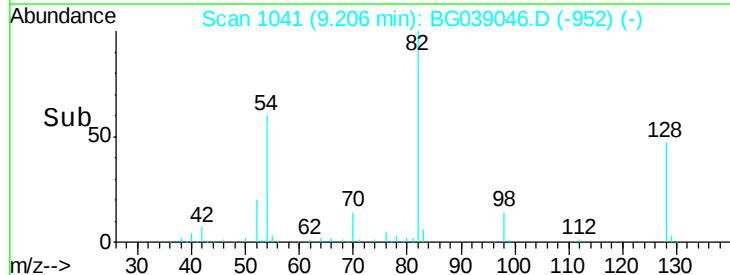
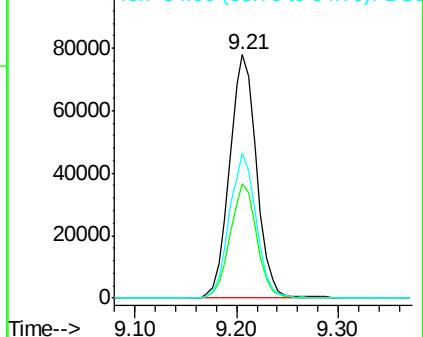


#23
Nitrobenzene-d5
Concen: 91.798 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039046.D
Acq: 10 Jan 2019 8:53

Tgt Ion:	82	Resp:	143631
Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.3	55.9
54	59.8	46.4	69.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039046.D

Acq: 10 Jan 2019 8:53

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-B

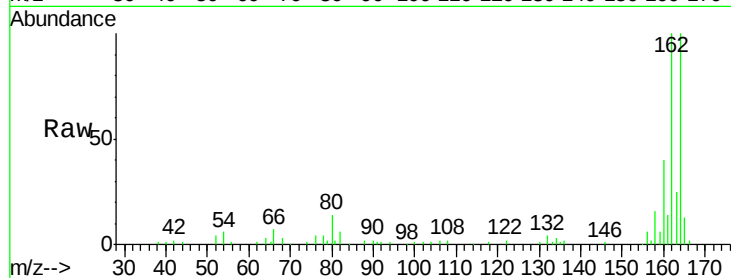
Tgt Ion:164 Resp: 67864

Ion Ratio Lower Upper

164 100

162 99.9 87.2 130.8

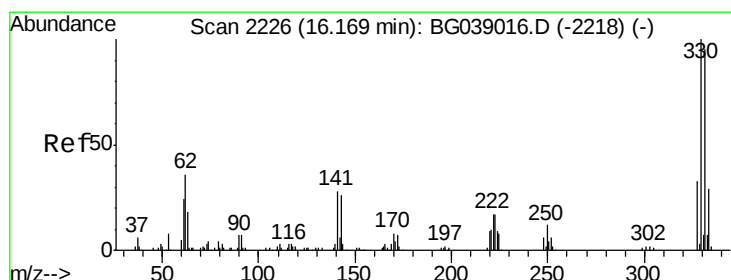
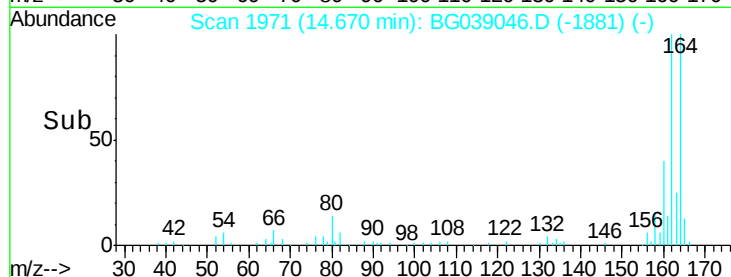
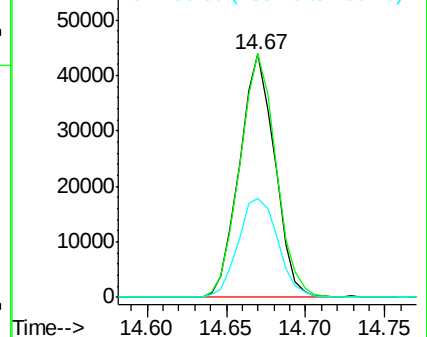
160 40.4 33.3 49.9



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: 172.881 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039046.D

Acq: 10 Jan 2019 8:53

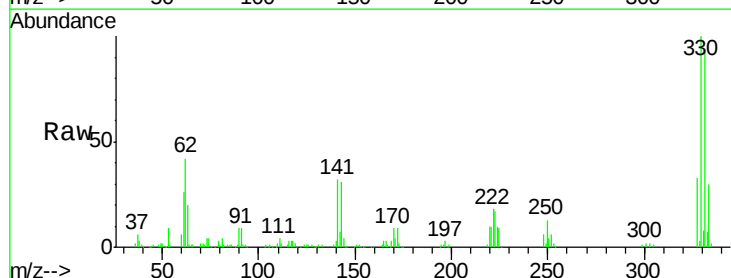
Tgt Ion:330 Resp: 196667

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

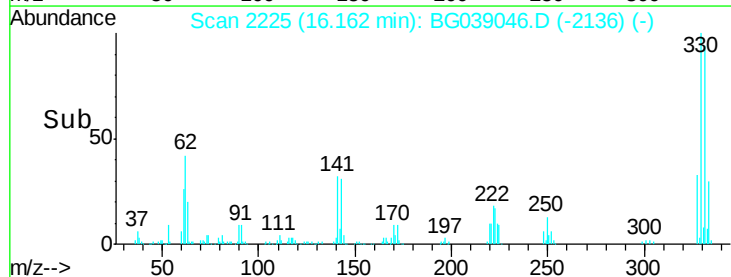
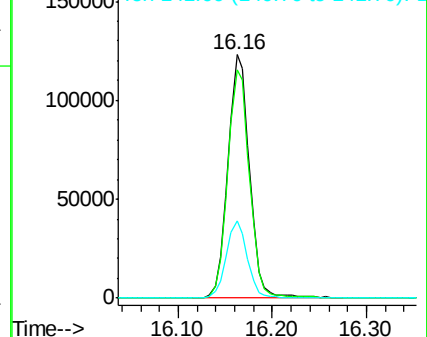
141 31.3 24.9 37.3



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

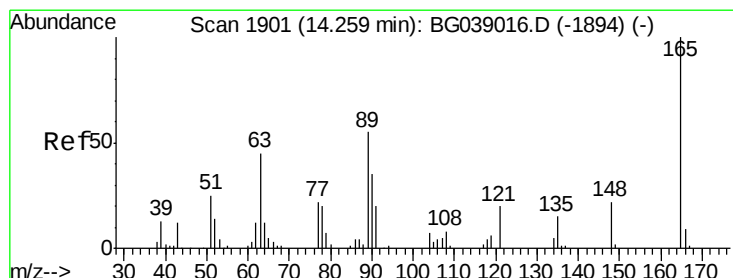
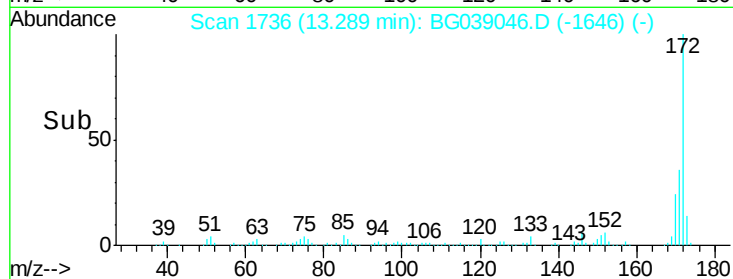
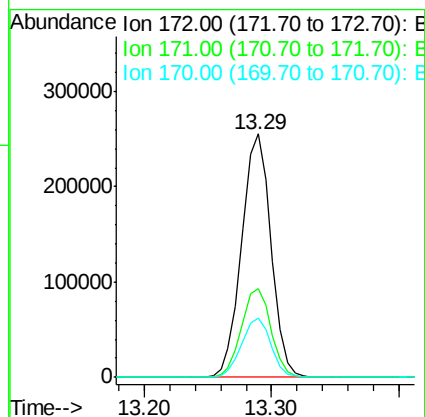
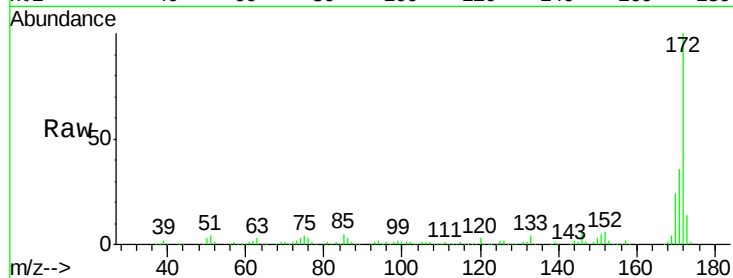




#45
 2-Fluorobiphenyl
 Concen: 82.727 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039046.D
 Acq: 10 Jan 2019 8:53

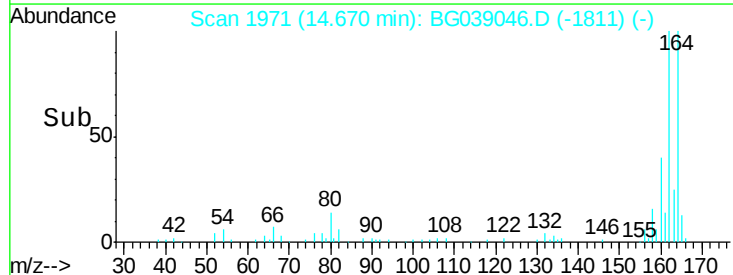
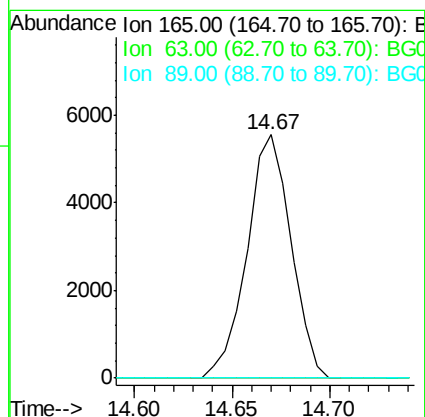
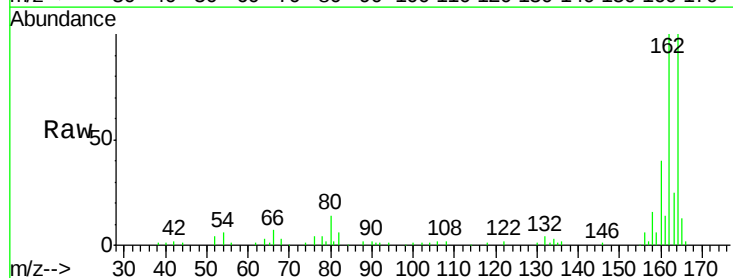
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-B

Tgt Ion:172 Resp: 410226
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.4 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.769 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.41 min
 Lab File: BG039046.D
 Acq: 10 Jan 2019 8:53

Tgt Ion:165 Resp: 8679
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#





#57

2,4-Dinitrotoluene

Concen: 4.718 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.38 min

Lab File: BG039046.D

Acq: 10 Jan 2019 8:53

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-B

Tgt Ion:165 Resp: 8679

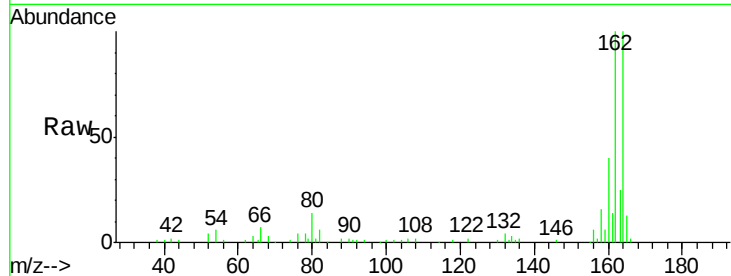
Ion Ratio Lower Upper

165 100

63 0.0 30.2 45.4#

89 0.0 53.2 79.8#

182 0.0 2.7 4.1#

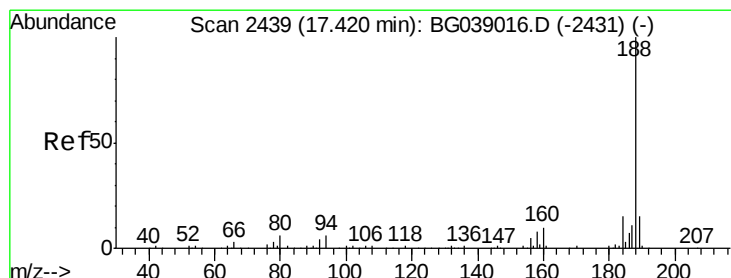
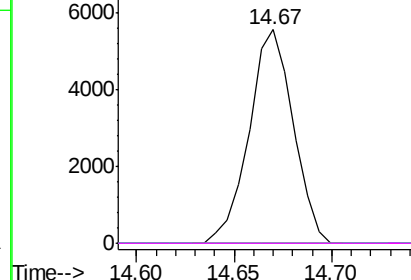
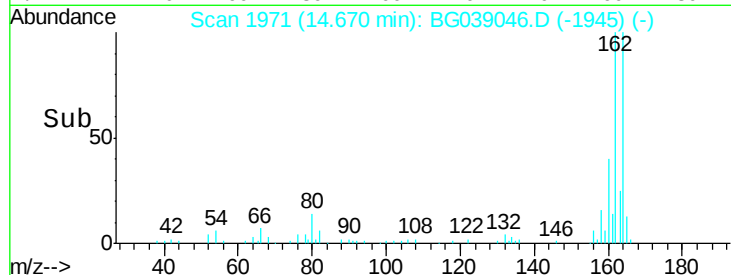


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039046.D

Acq: 10 Jan 2019 8:53

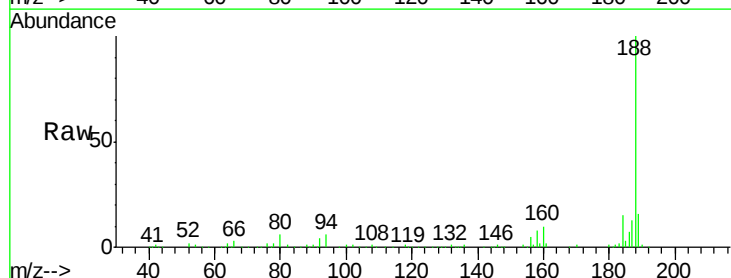
Tgt Ion:188 Resp: 210637

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.4

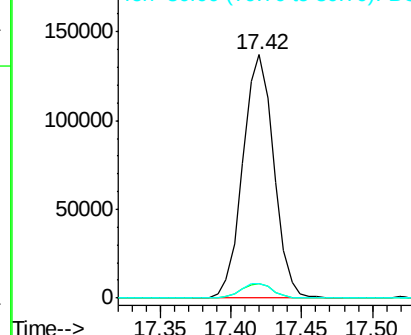
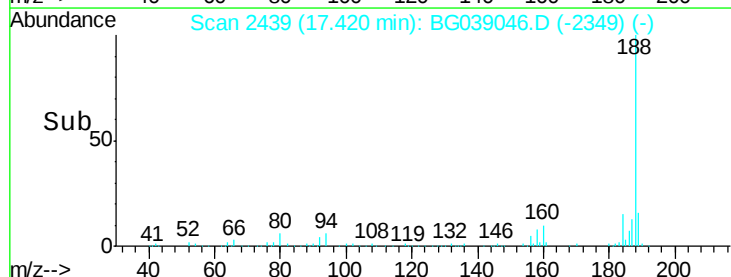
80 6.0 4.7 7.1

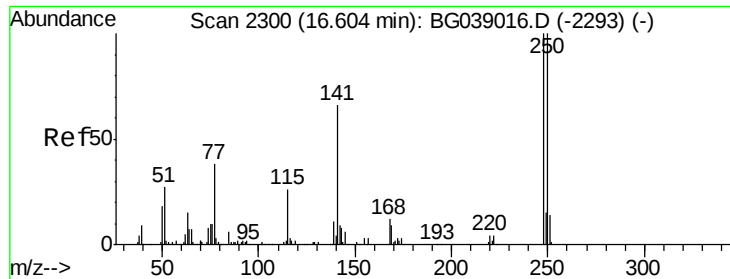


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

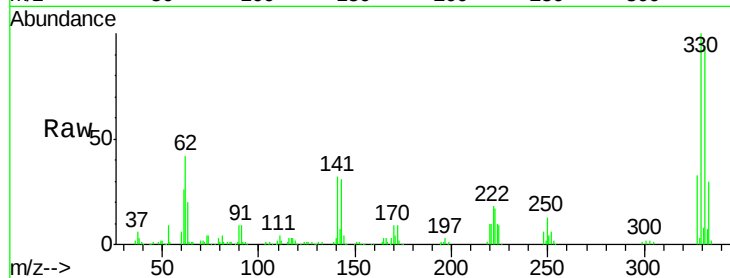




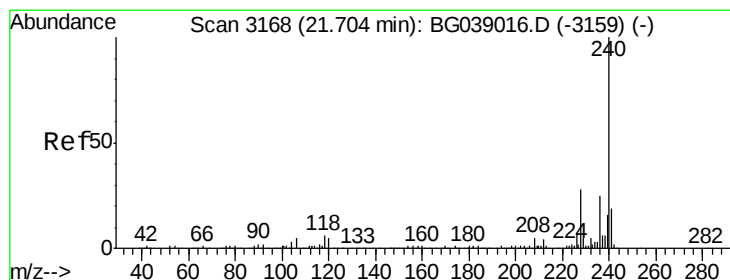
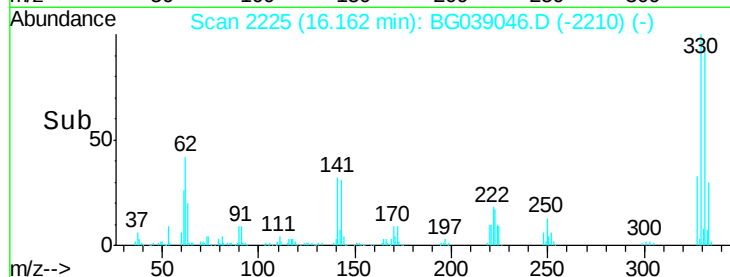
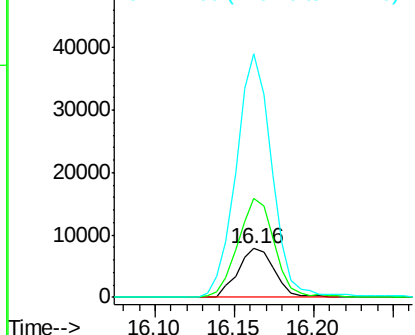
#67
 4-Bromophenyl-phenylether
 Concen: 4.607 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG039046.D
 Acq: 10 Jan 2019 8:53

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-B

Tgt Ion: 248 Resp: 12475
 Ion Ratio Lower Upper
 248 100
 250 264.8 79.9 119.9#
 141 502.3 52.7 79.1#

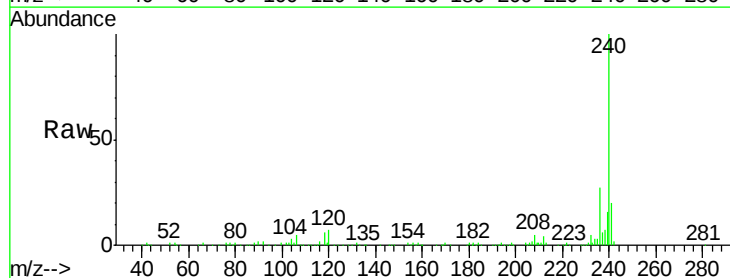


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

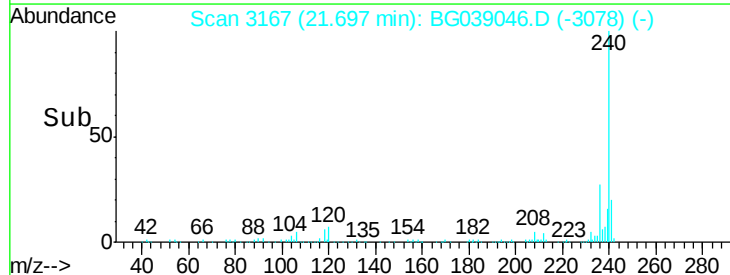
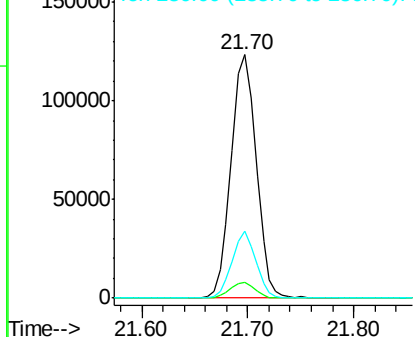


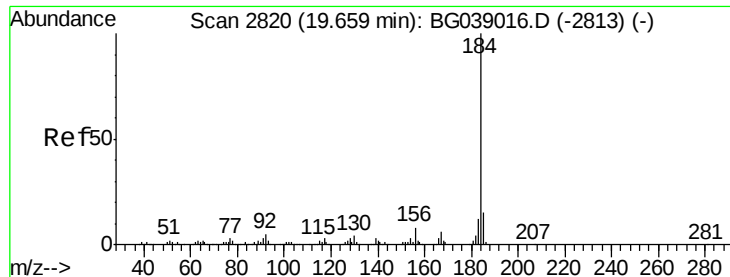
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG039046.D
 Acq: 10 Jan 2019 8:53

Tgt Ion: 240 Resp: 203983
 Ion Ratio Lower Upper
 240 100
 120 6.6 4.3 6.5#
 236 27.5 20.1 30.1



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: 3.099 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG039046.D

Acq: 10 Jan 2019 8:53

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-B

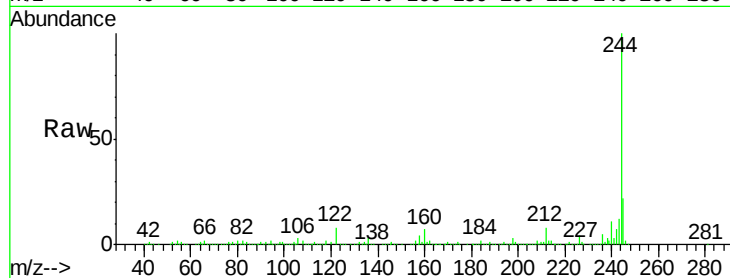
Tgt Ion:184 Resp: 19332

Ion Ratio Lower Upper

184 100

185 17.1 12.1 18.1

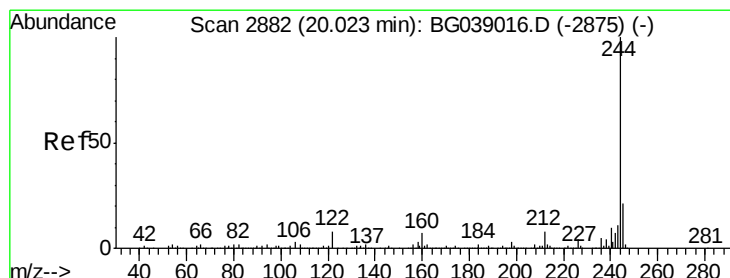
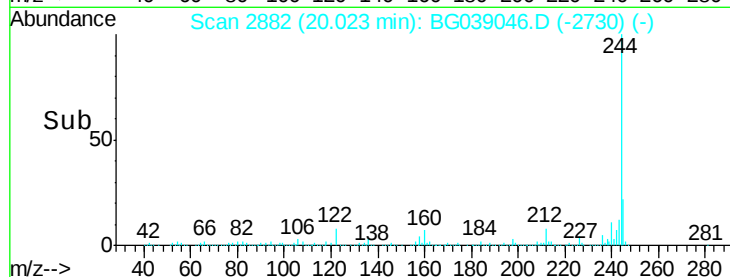
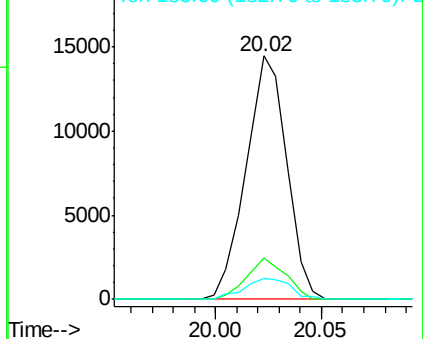
183 8.8 9.5 14.3#



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: 106.643 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039046.D

Acq: 10 Jan 2019 8:53

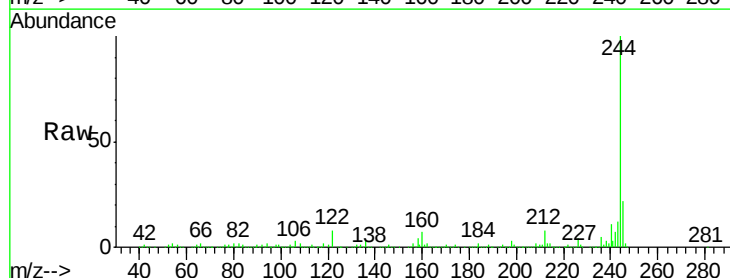
Tgt Ion:244 Resp: 1175923

Ion Ratio Lower Upper

244 100

212 8.0 6.1 9.1

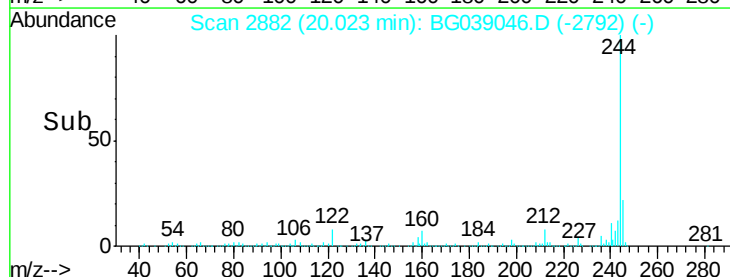
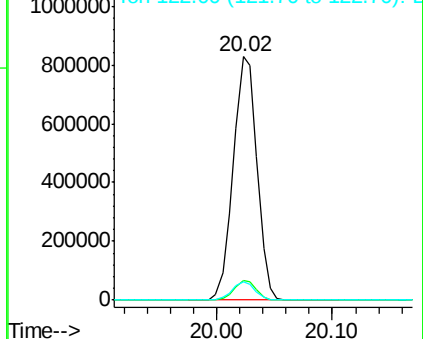
122 7.8 6.1 9.1

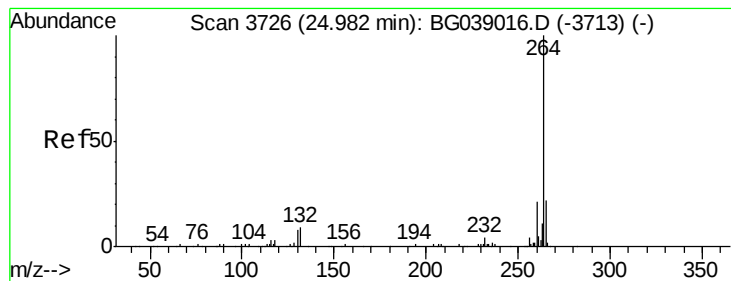


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.98 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG039046.D

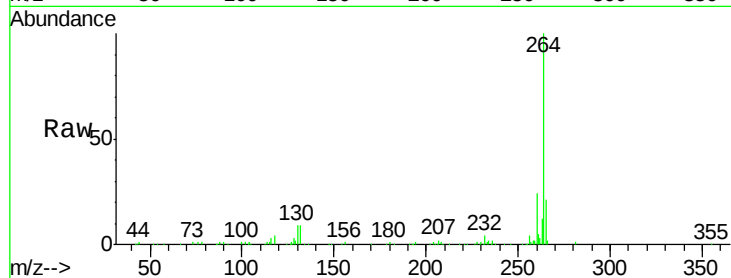
Acq: 10 Jan 2019 8:53

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-B



Tgt Ion: 264 Resp: 203306

Ion Ratio Lower Upper

264 100

260 23.8 17.0 25.6

265 21.4 17.2 25.8

