

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
 Data File : BG039235.D
 Acq On : 21 Jan 2019 16:01
 Operator : JU/SJ
 Sample : K1205-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-6

Quant Time: Jan 21 16:49:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

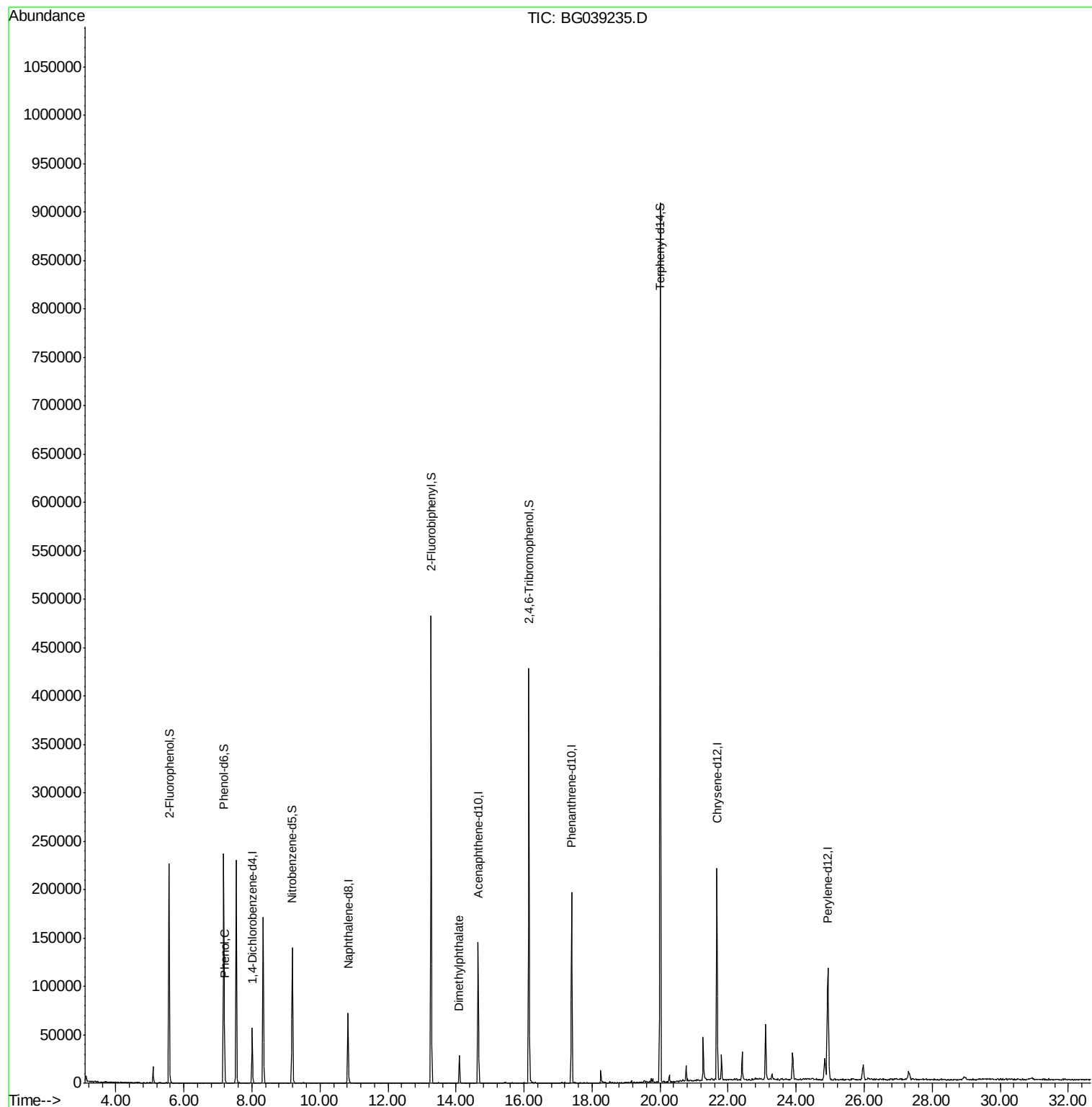
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	16729	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	68991	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	53096	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	135513	20.00	ng	0.00
76) Chrysene-d12	21.67	240	142371	20.00	ng	-0.01
87) Perylene-d12	24.93	264	147477	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	105269	119.37	ng	0.00
7) Phenol-d6	7.17	99	139917	110.25	ng	0.00
23) Nitrobenzene-d5	9.19	82	86885	68.91	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	94404	106.07	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	258390	66.60	ng	0.00
79) Terphenyl-d14	20.00	244	477079	61.99	ng	0.00
Target Compounds						
10) Phenol	7.20	94	11353	8.922	ng	98
50) Dimethylphthalate	14.09	163	21167	4.718	ng	# 94

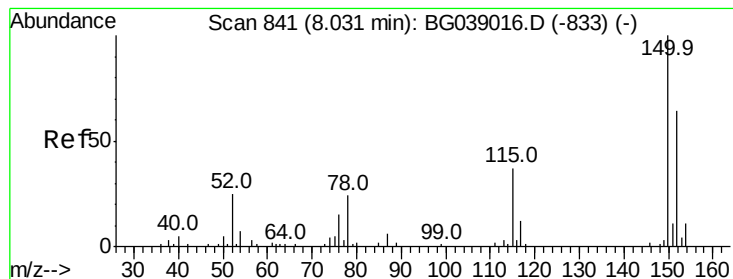
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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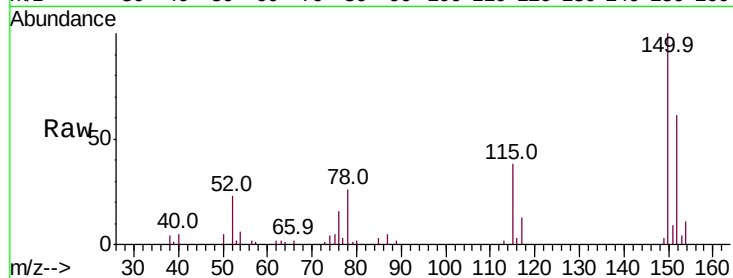


#1

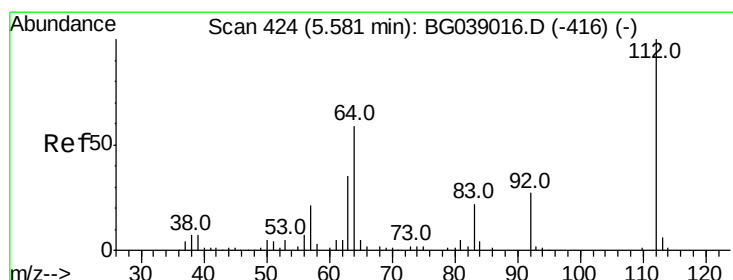
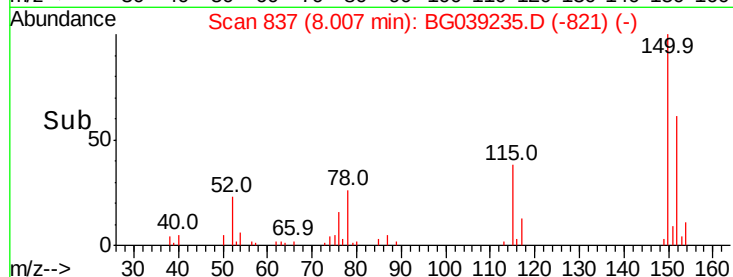
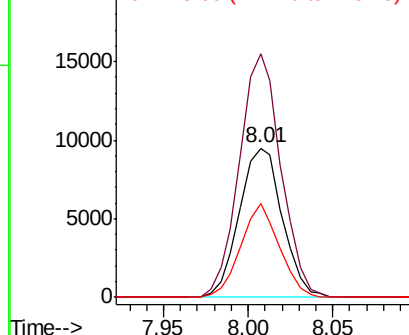
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039235.D
Acq: 21 Jan 2019 16:01

Instrument :
BNA_G
ClientSampleId :
C-6

Tot Ion:152 Resp: 16729
Ion Ratio Lower Upper
152 100
150 163.2 124.7 187.1
115 62.5 46.5 69.7



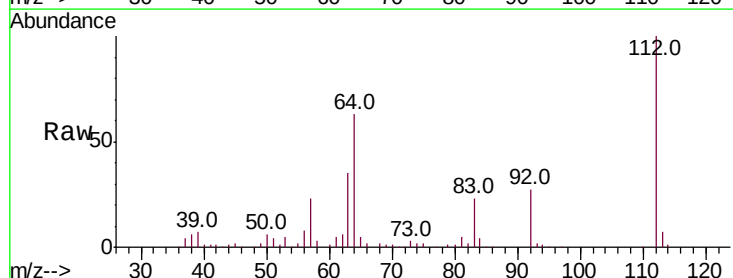
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



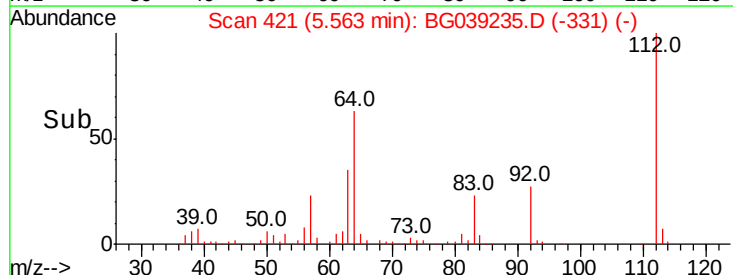
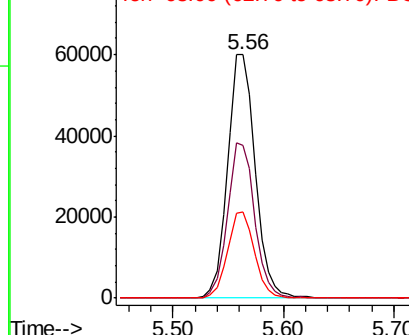
#5

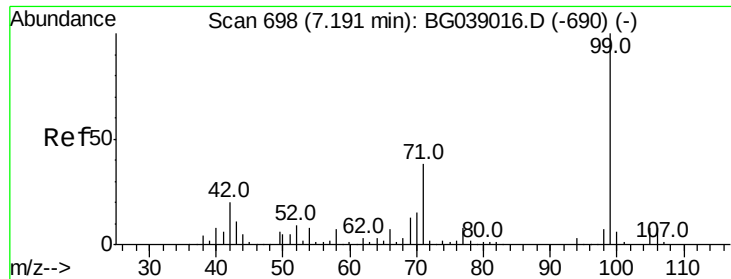
2-Fluorophenol
Concen: 119.370 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039235.D
Acq: 21 Jan 2019 16:01

Tgt Ion:112 Resp: 105269
Ion Ratio Lower Upper
112 100
64 62.6 47.0 70.6
63 35.2 28.0 42.0



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: 110.246 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039235.D

Acq: 21 Jan 2019 16:01

Instrument :

BNA_G

ClientSampleId :

C-6

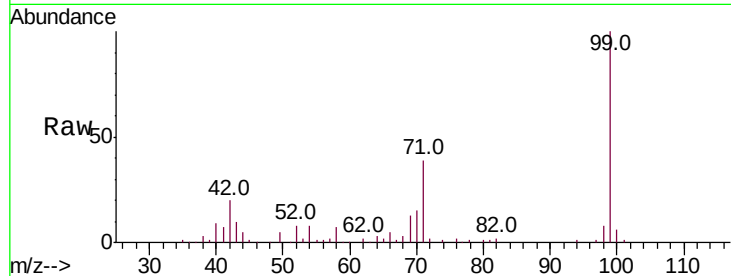
Tot Ion: 99 Resp: 139917

Ion Ratio Lower Upper

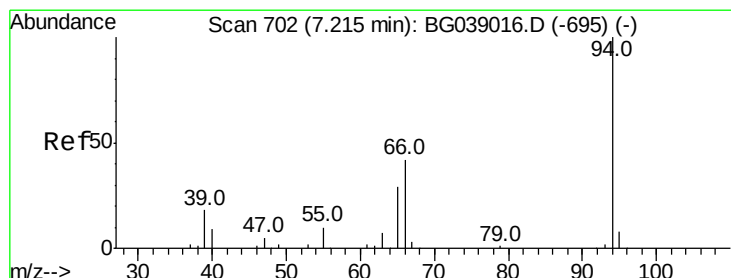
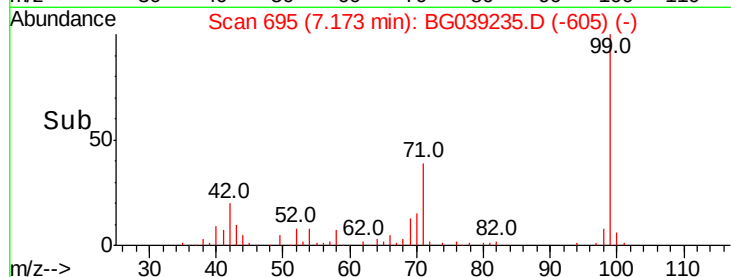
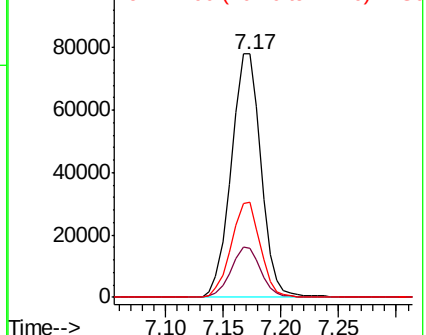
99 100

42 20.4 15.8 23.6

71 39.0 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



#10

Phenol

Concen: 8.922 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG039235.D

Acq: 21 Jan 2019 16:01

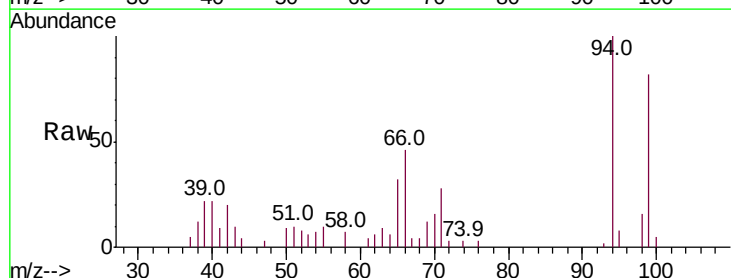
Tgt Ion: 94 Resp: 11353

Ion Ratio Lower Upper

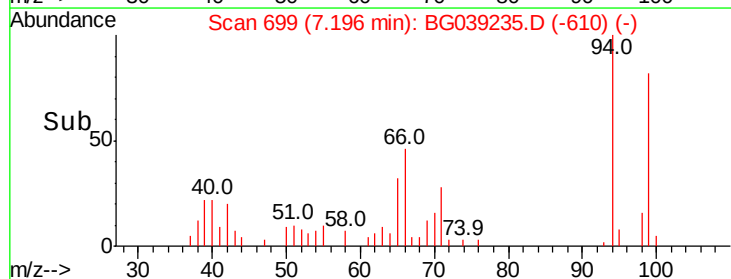
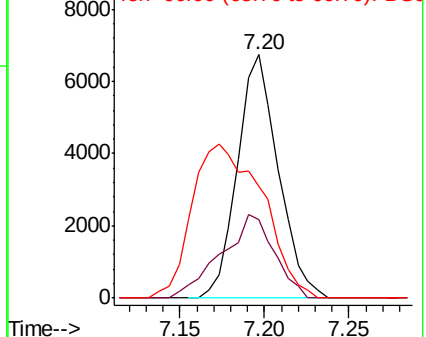
94 100

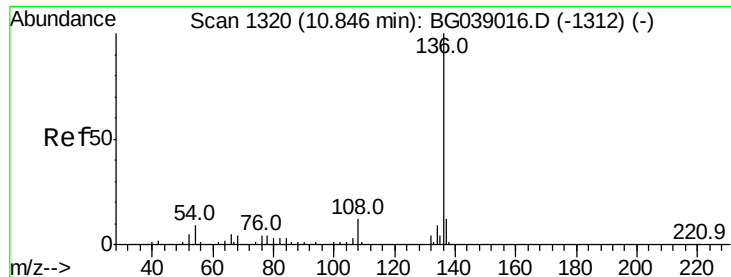
65 32.5 10.3 50.3

66 45.8 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

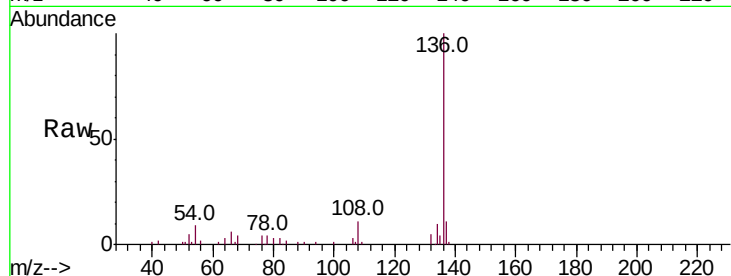




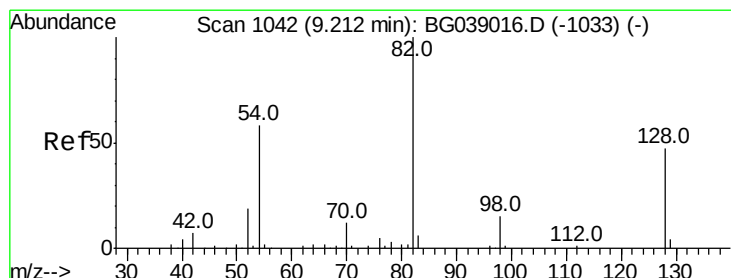
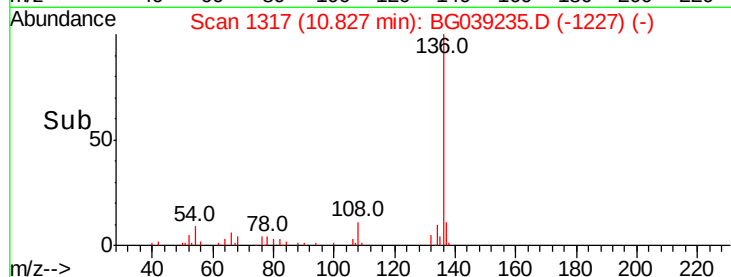
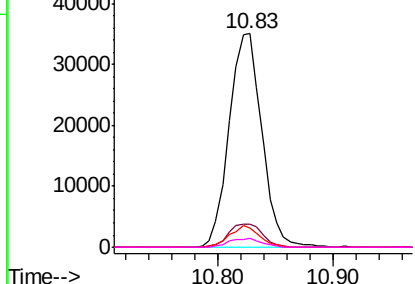
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039235.D
Acq: 21 Jan 2019 16:01

Instrument :
BNA_G
ClientSampled :
C-6

Tot Ion:136	Resp:	68991
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.4 14.2
54	8.8	7.2 10.8
68	3.9	3.5 5.3

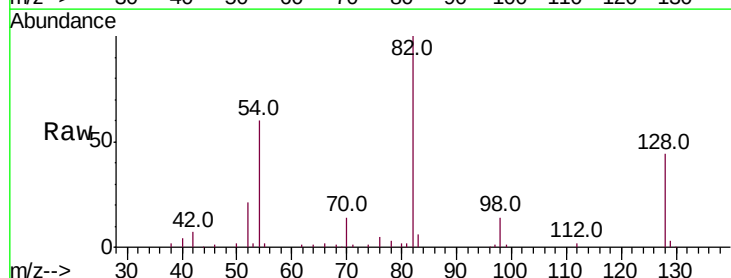


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

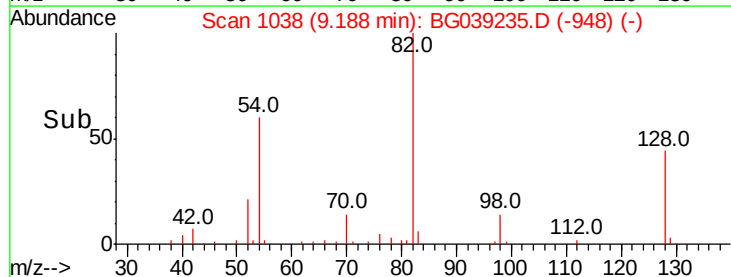
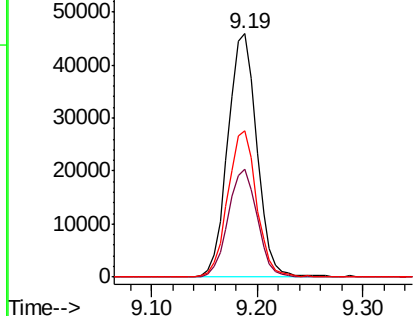


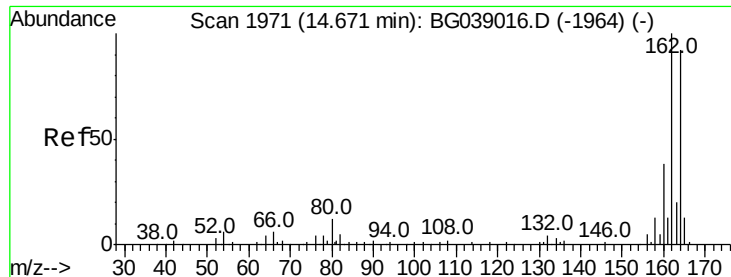
#23
Nitrobenzene-d5
Concen: 68.912 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039235.D
Acq: 21 Jan 2019 16:01

Tgt Ion: 82	Resp:	86885
Ion Ratio	Lower	Upper
82	100	
128	44.2	37.3 55.9
54	60.1	46.4 69.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039235.D

Acq: 21 Jan 2019 16:01

Instrument :

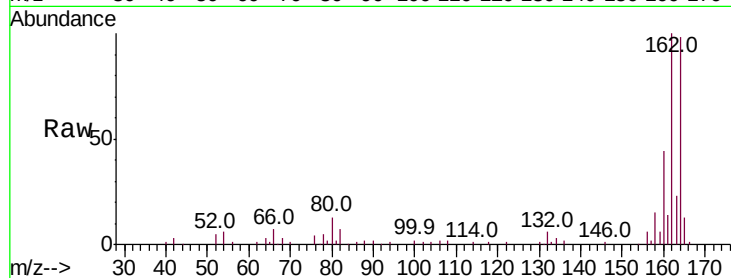
BNA_G

ClientSampleId :

C-6

Tot Ion:164 Resp: 53096

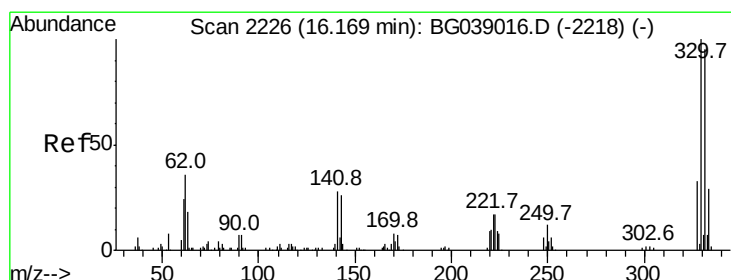
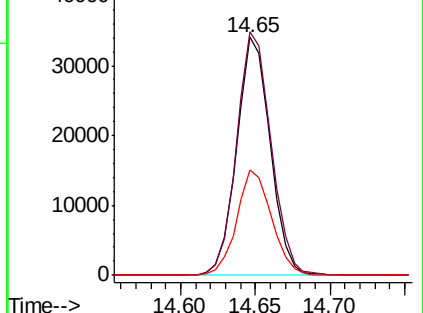
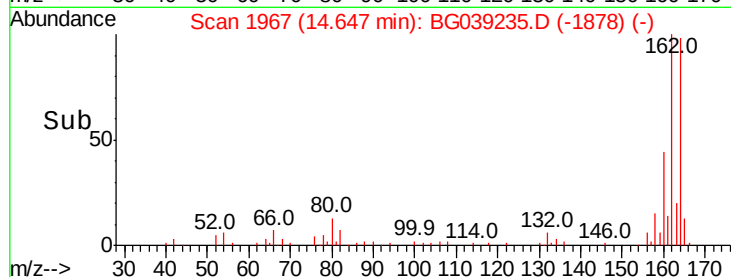
Ion	Ratio	Lower	Upper
164	100		
162	102.3	87.2	130.8
160	44.5	33.3	49.9



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: 106.068 ng

RT: 16.14 min Scan# 2222

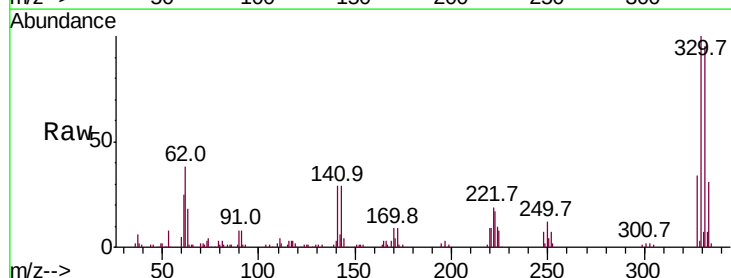
Delta R.T. -0.01 min

Lab File: BG039235.D

Acq: 21 Jan 2019 16:01

Tgt Ion:330 Resp: 94404

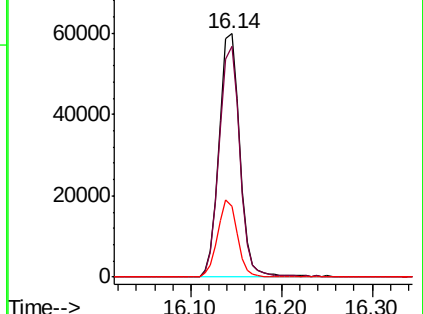
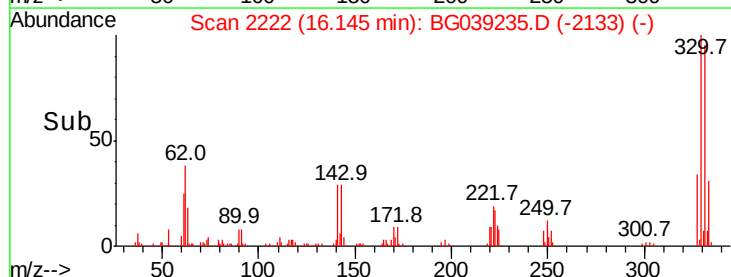
Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.7	113.5
141	30.2	24.9	37.3

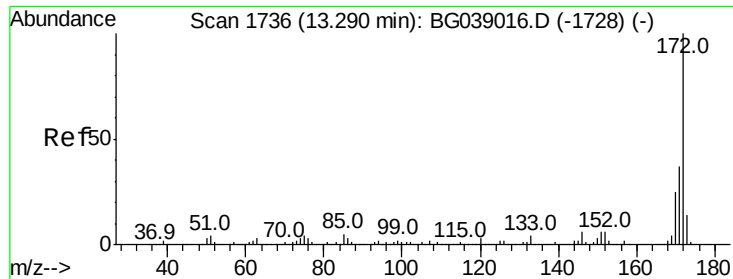


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

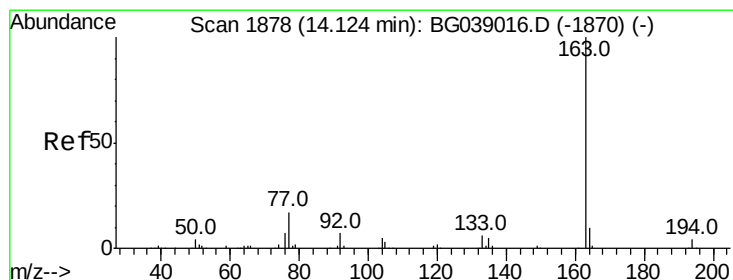
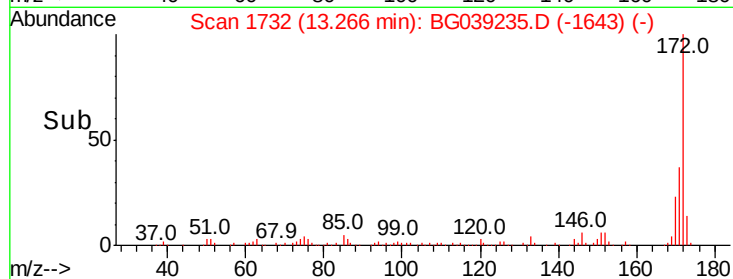
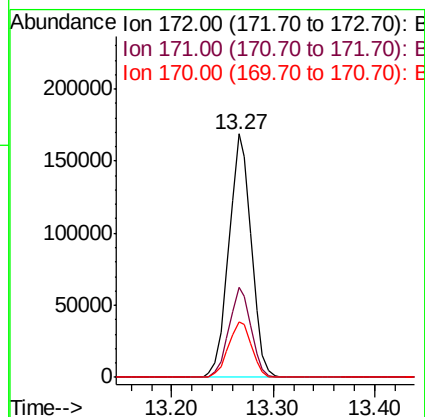
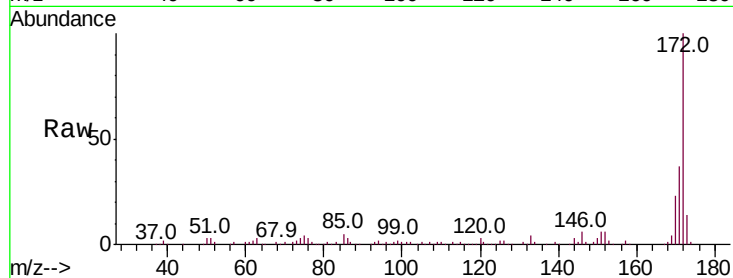




#45
 2-Fluorobiphenyl
 Concen: 66.601 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039235.D
 Acq: 21 Jan 2019 16:01

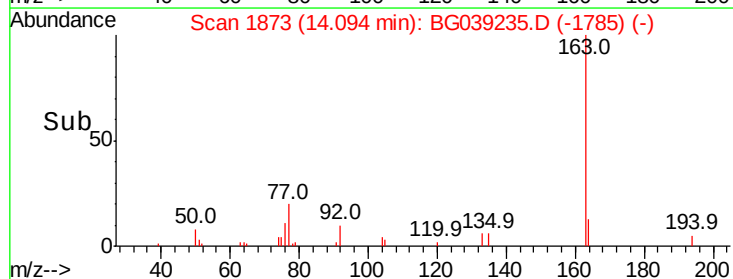
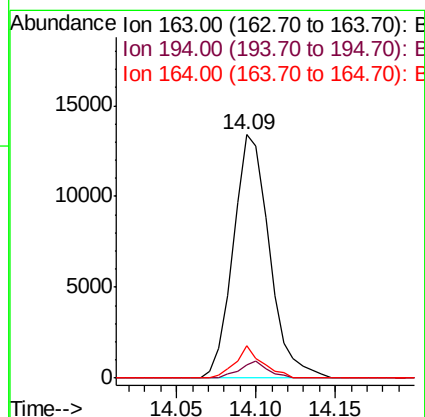
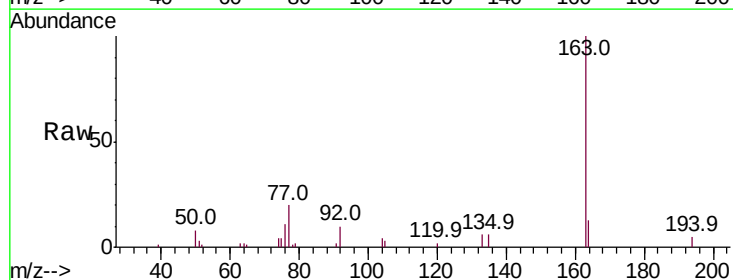
Instrument :
 BNA_G
 ClientSampled :
 C-6

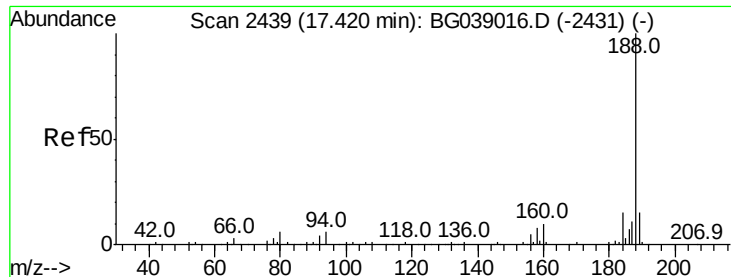
Tot Ion:172 Resp: 258390
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 22.5 20.1 30.1



#50
 Dimethylphthalate
 Concen: 4.718 ng
 RT: 14.09 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BG039235.D
 Acq: 21 Jan 2019 16:01

Tgt Ion:163 Resp: 21167
 Ion Ratio Lower Upper
 163 100
 194 5.2 3.6 5.4
 164 13.2 8.2 12.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039235.D

Acq: 21 Jan 2019 16:01

Instrument :

BNA_G

ClientSampleId :

C-6

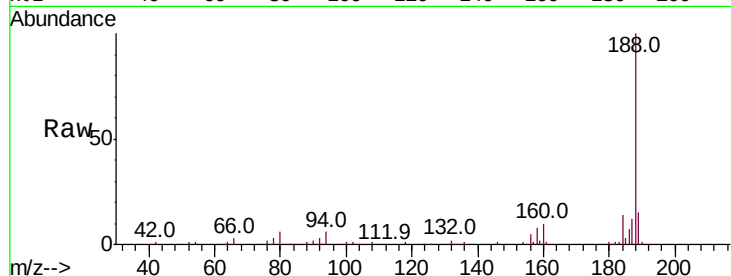
Tot Ion:188 Resp: 135513

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

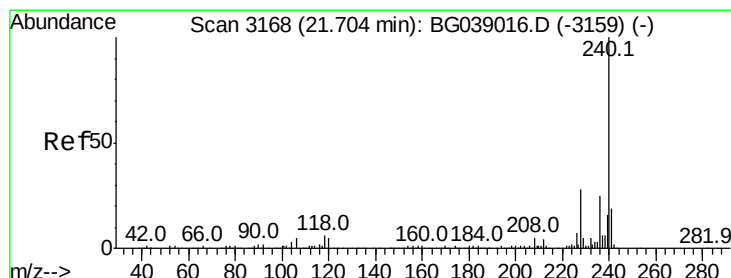
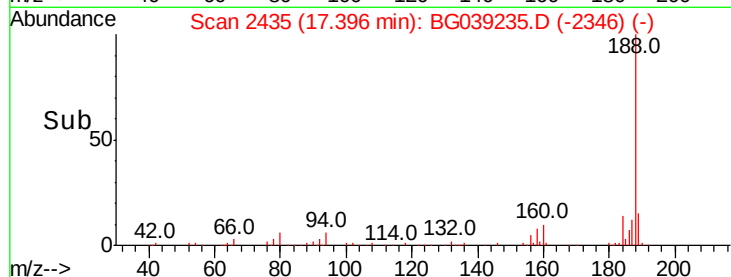
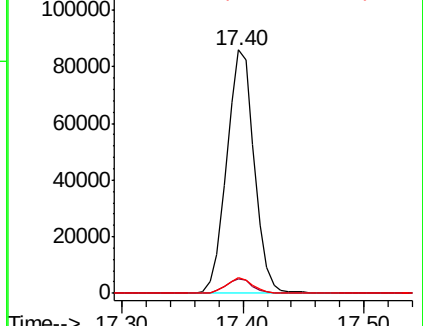
80 6.3 4.7 7.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039235.D

Acq: 21 Jan 2019 16:01

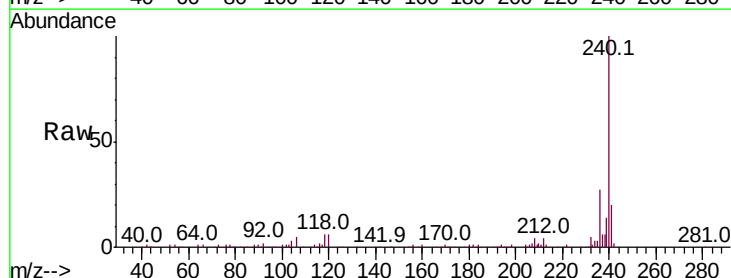
Tgt Ion:240 Resp: 142371

Ion Ratio Lower Upper

240 100

120 6.2 4.3 6.5

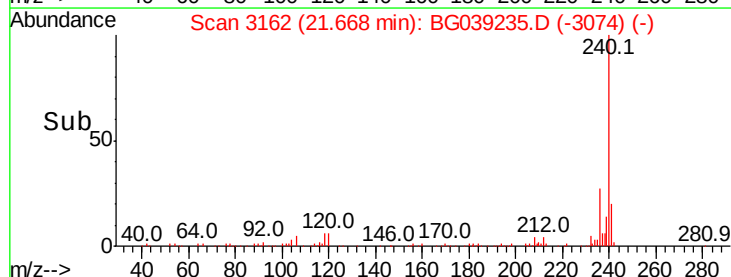
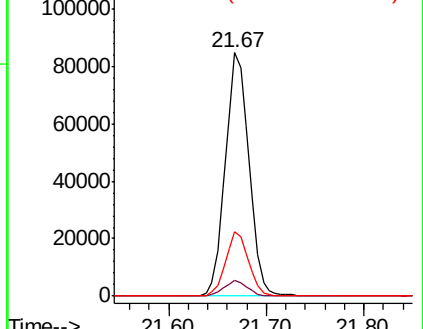
236 26.7 20.1 30.1

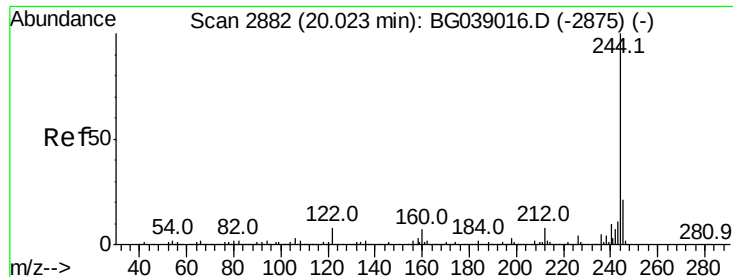


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

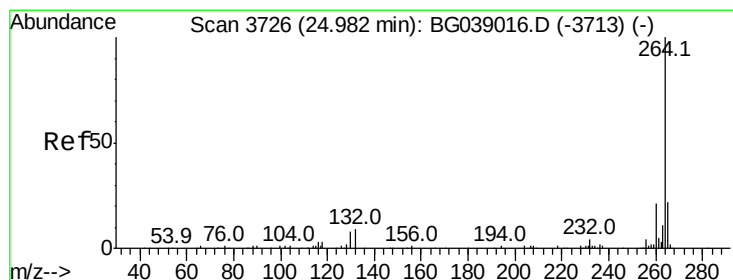
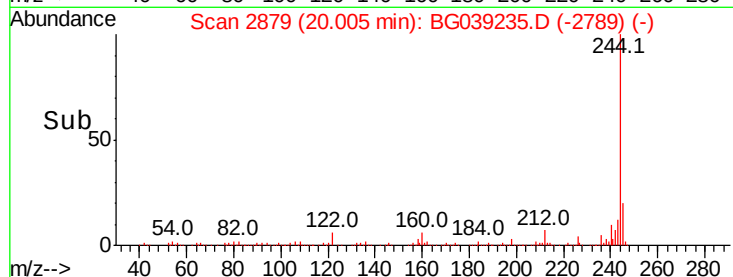
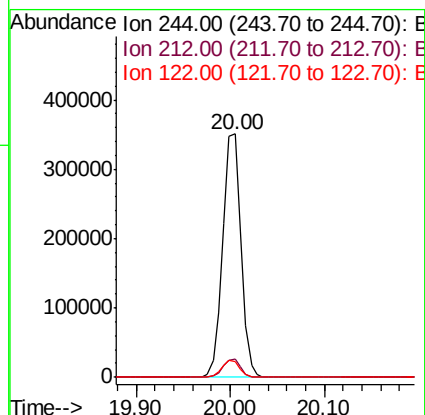
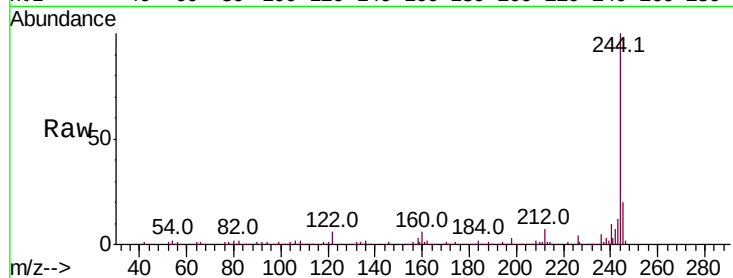




#79
 Terphenyl-d14
 Concen: 61.989 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG039235.D
 Acq: 21 Jan 2019 16:01

Instrument :
 BNA_G
 ClientSampleId :
 C-6

Tot Ion:244 Resp: 477079
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.5 6.1 9.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.02 min
 Lab File: BG039235.D
 Acq: 21 Jan 2019 16:01

Tgt Ion:264 Resp: 147477
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.0 25.6
 265 21.3 17.2 25.8

