

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037313.D
 Acq On : 13 Oct 2018 6:06
 Operator : JU/SJ
 Sample : J5383-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100918-SIDI-F-D-M

Quant Time: Oct 15 02:22:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

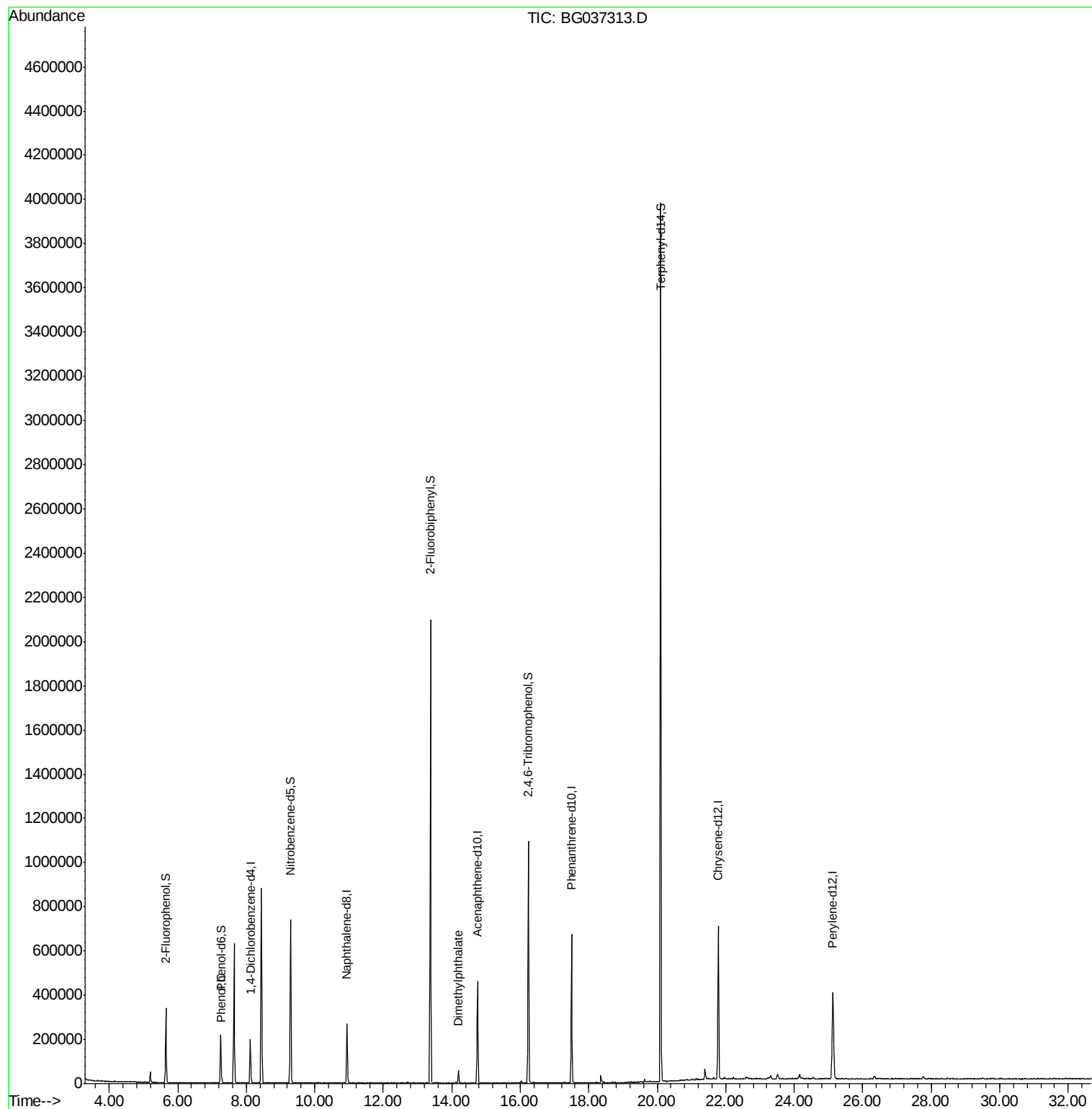
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	59857	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	242387	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	162702	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	429859	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	427159	20.00	ng	-0.01
87) Perylene-d12	25.13	264	418190	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	158070	46.48	ng	0.00
7) Phenol-d6	7.25	99	139139	26.95	ng	0.00
23) Nitrobenzene-d5	9.29	82	456030	123.69	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	195520	122.53	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1113217	102.75	ng	0.00
79) Terphenyl-d14	20.10	244	1892538	93.03	ng	0.00
Target Compounds						
10) Phenol	7.28	94	15599	2.869	ng	95
50) Dimethylphthalate	14.19	163	40062	3.133	ng	# 98

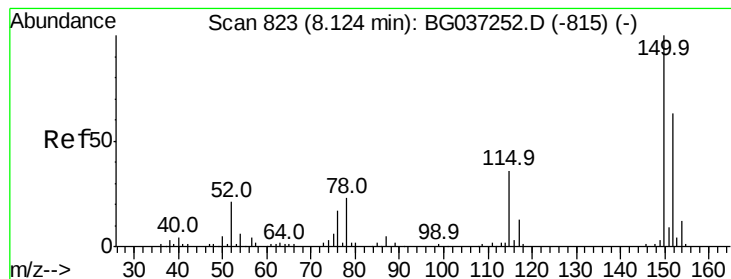
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG037313.D

Acq: 13 Oct 2018 6:06

Instrument :

BNA_G

ClientSampleId :

100918-SIDI-F-D-M

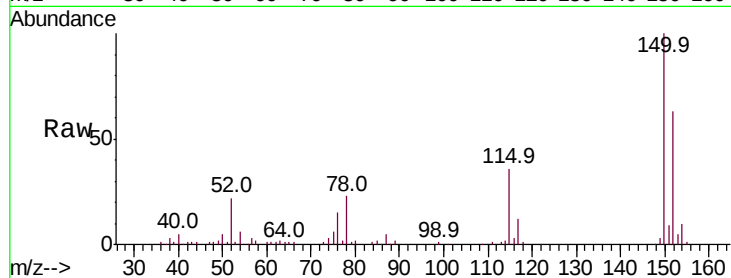
Tot Ion:152 Resp: 59857

Ion Ratio Lower Upper

152 100

150 158.0 126.0 189.0

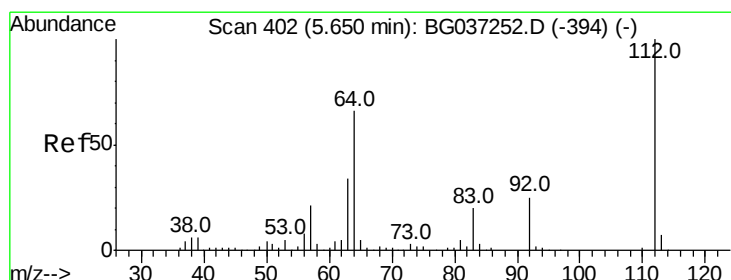
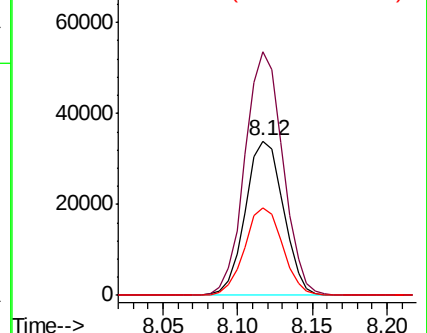
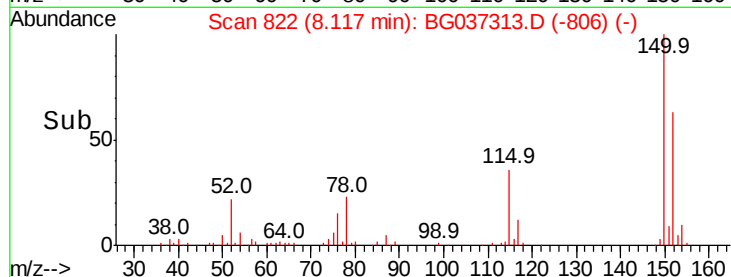
115 56.9 45.5 68.3



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: 46.475 ng

RT: 5.65 min Scan# 402

Delta R.T. -0.00 min

Lab File: BG037313.D

Acq: 13 Oct 2018 6:06

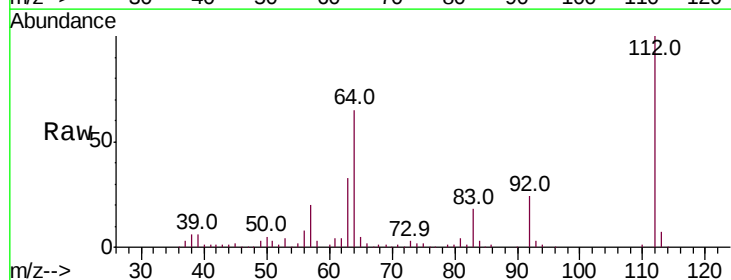
Tgt Ion:112 Resp: 158070

Ion Ratio Lower Upper

112 100

64 64.6 53.1 79.7

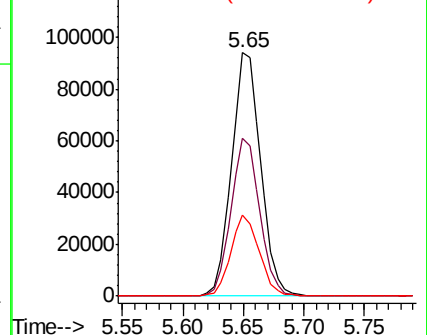
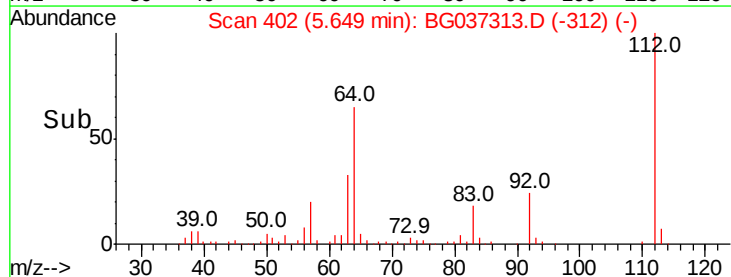
63 33.0 27.3 40.9

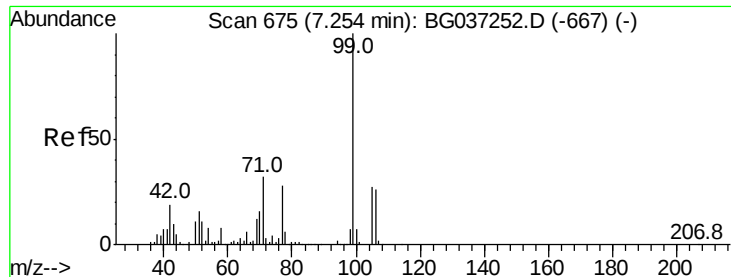


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 26.952 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037313.D

Acq: 13 Oct 2018 6:06

Instrument :

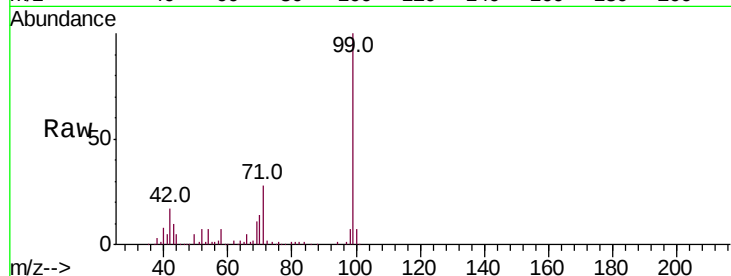
BNA_G

ClientSampleId :

100918-SIDI-F-D-M

Tot Ion: 99 Resp: 139139

Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.0	22.4
71	28.0	25.5	38.3



Abundance

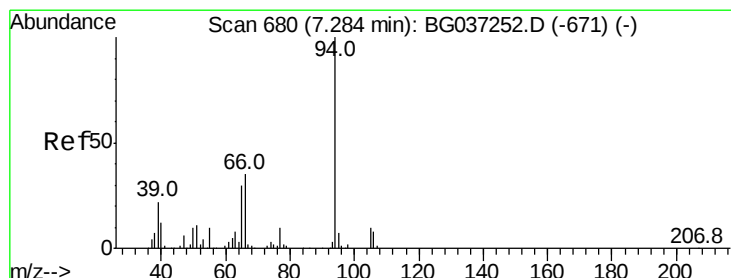
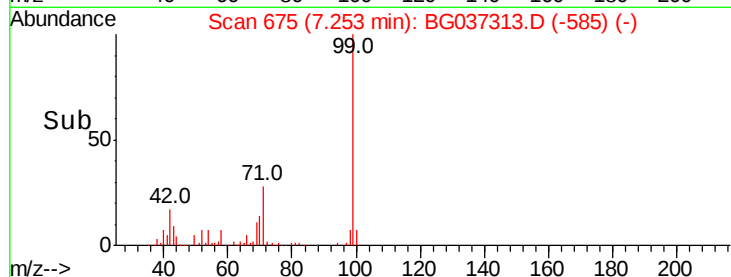
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.25

Time-->



#10

Phenol

Concen: 2.869 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037313.D

Acq: 13 Oct 2018 6:06

Tgt Ion: 94 Resp: 15599

Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.7	49.7
66	40.2	15.9	55.9

Abundance

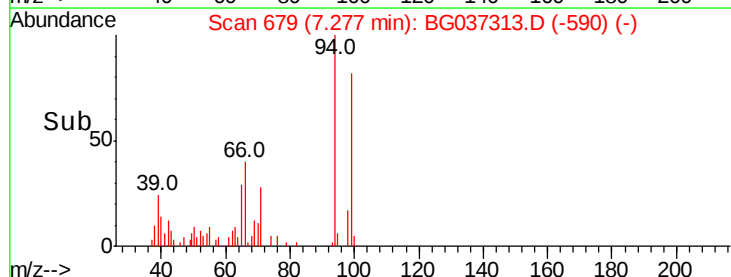
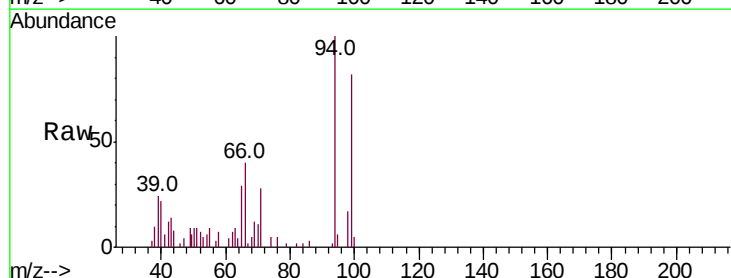
Ion 94.00 (93.70 to 94.70): BGC

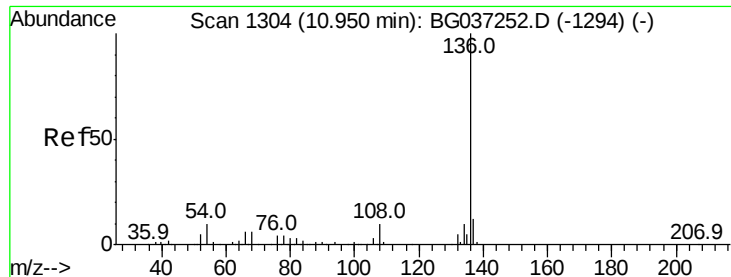
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

7.28

Time-->

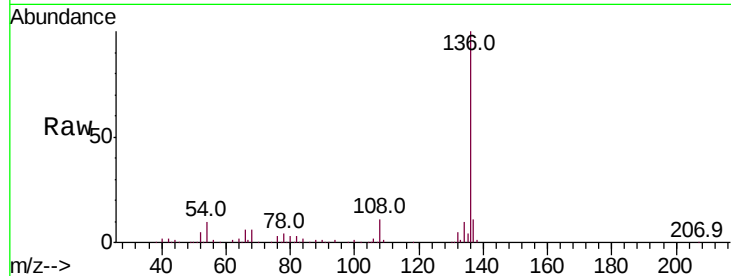




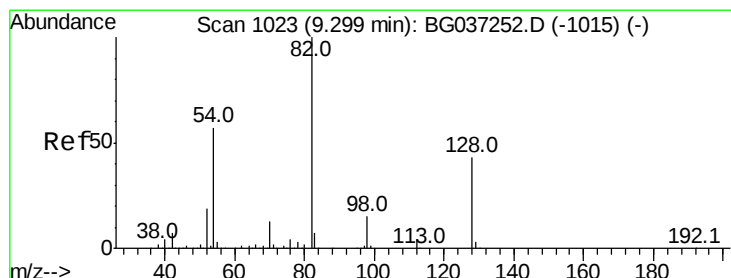
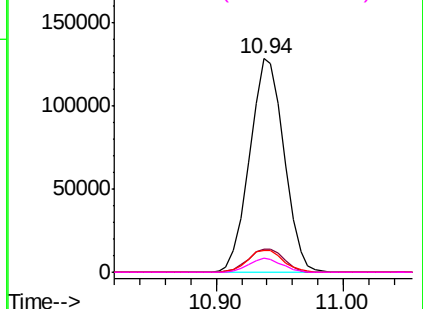
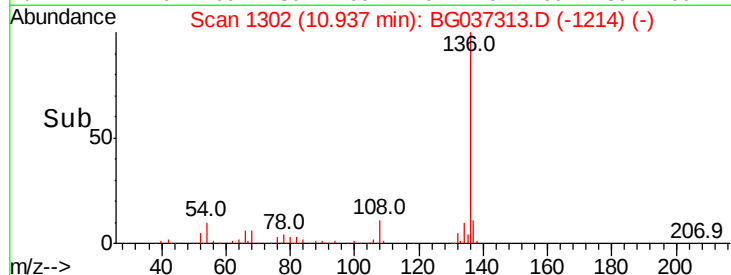
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037313.D
Acq: 13 Oct 2018 6:06

Instrument :
BNA_G
ClientSampleId :
100918-SIDI-F-D-M

Tot Ion:136	Resp:	242387
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.6	14.4
54 10.4	7.9	11.9
68 6.5	4.8	7.2

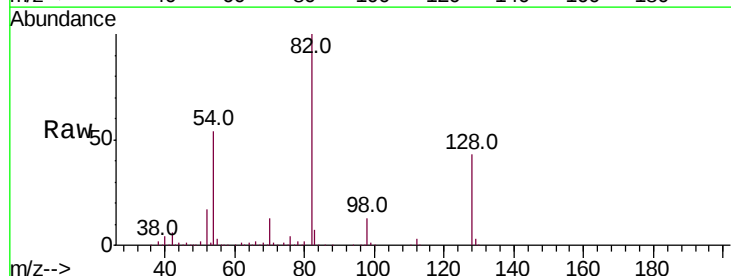


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

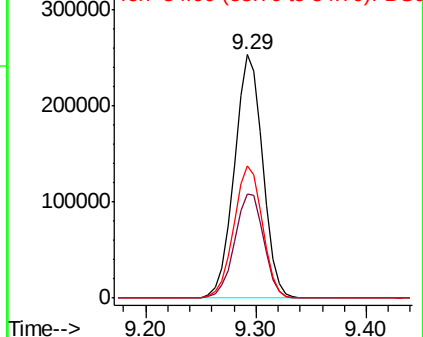
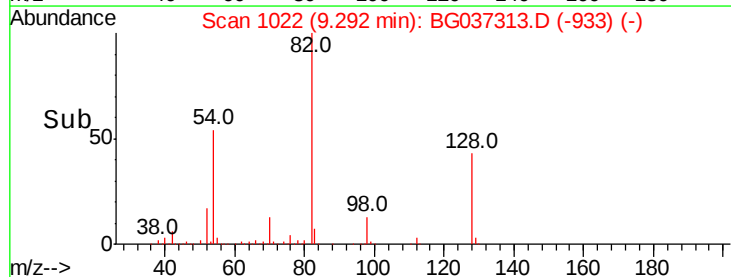


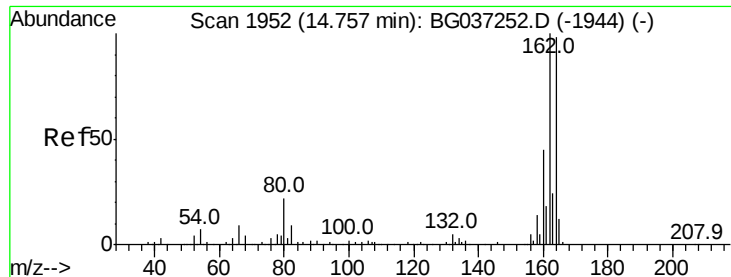
#23
Nitrobenzene-d5
Concen: 123.693 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037313.D
Acq: 13 Oct 2018 6:06

Tgt Ion: 82	Resp: 456030
Ion Ratio	Lower Upper
82 100	
128 42.6	34.6 51.8
54 54.2	45.3 67.9



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: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG037313.D

Acq: 13 Oct 2018 6:06

Instrument :

BNA_G

ClientSampleId :

100918-SIDI-F-D-M

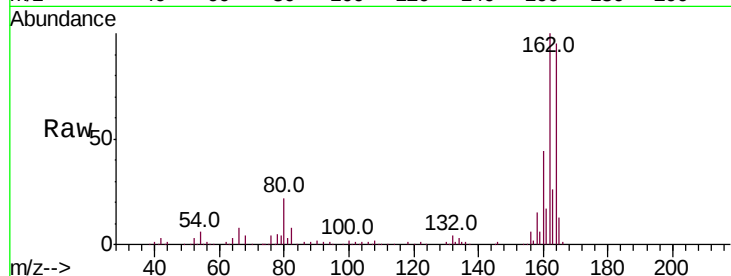
Tot Ion:164 Resp: 162702

Ion Ratio Lower Upper

164 100

162 105.3 81.3 121.9

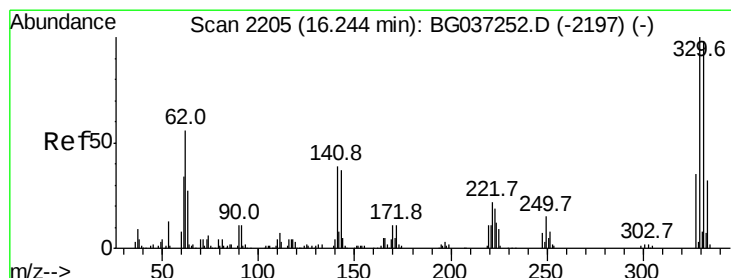
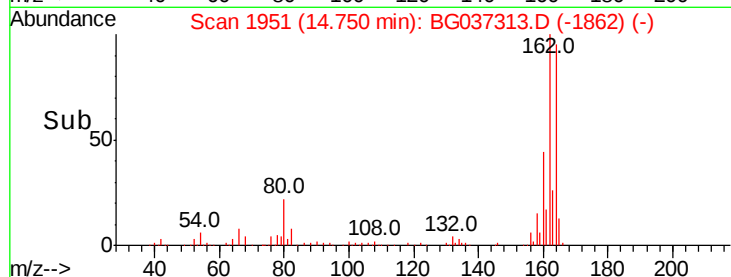
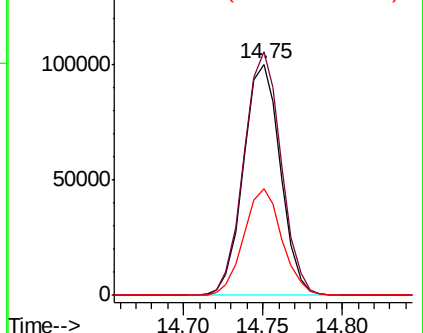
160 46.0 36.3 54.5



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: 122.533 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037313.D

Acq: 13 Oct 2018 6:06

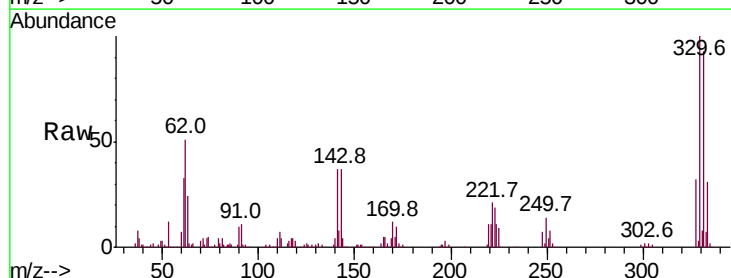
Tgt Ion:330 Resp: 195520

Ion Ratio Lower Upper

330 100

332 95.2 78.4 117.6

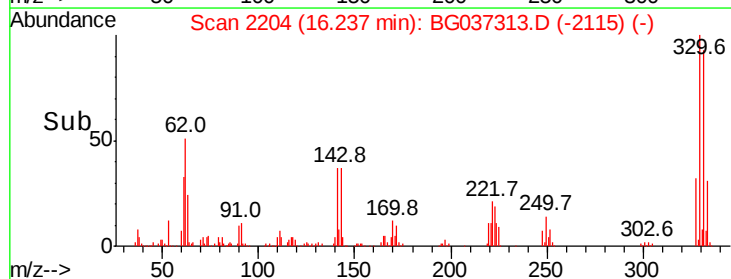
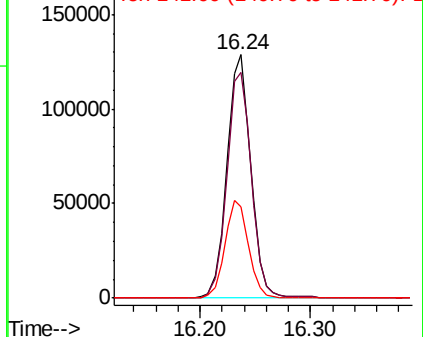
141 39.6 32.2 48.2

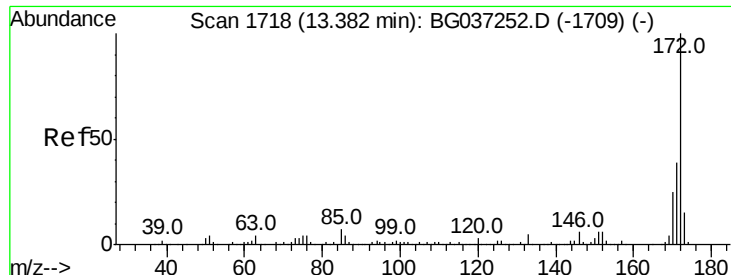


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



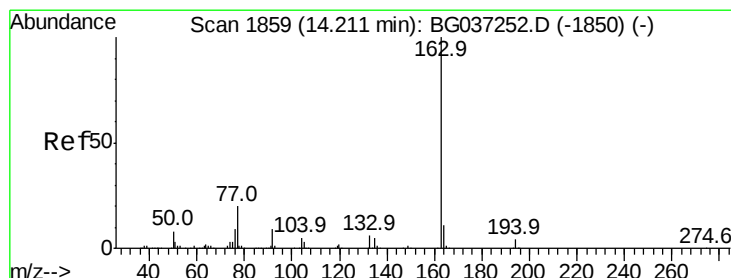
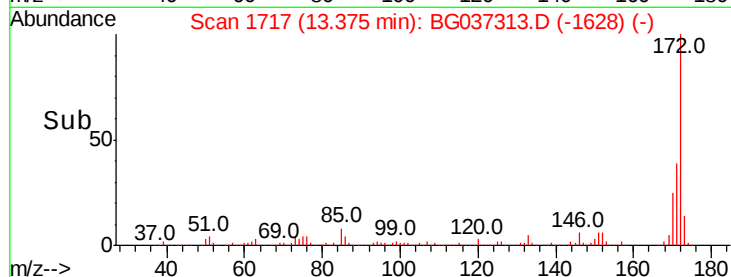
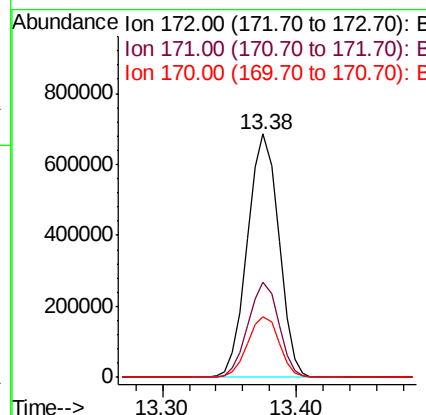
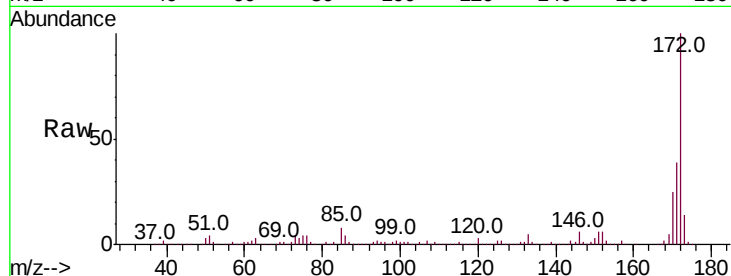


#45
 2-Fluorobiphenyl
 Concen: 102.752 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037313.D
 Acq: 13 Oct 2018 6:06

Instrument :
 BNA_G
 ClientSampleId :
 100918-SIDI-F-D-M

Tot Ion:172 Resp: 1113217

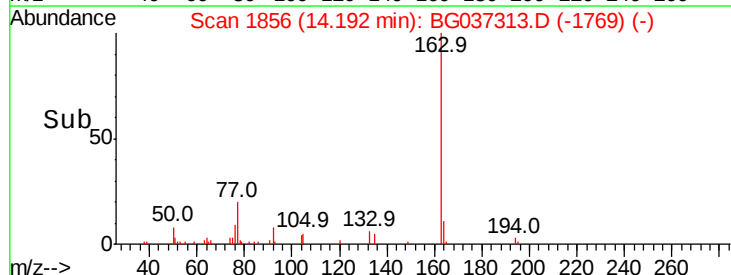
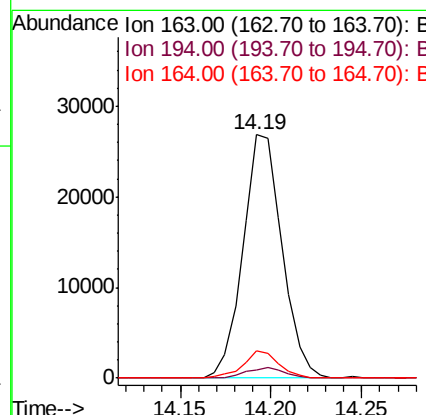
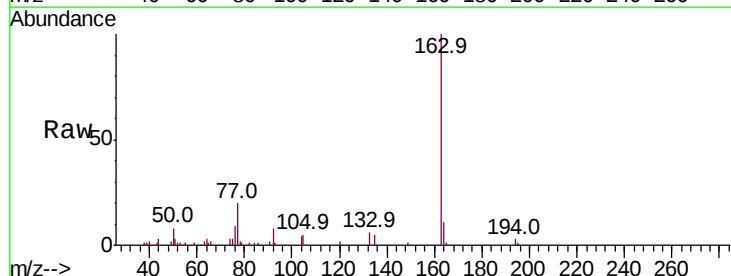
Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.0	46.4
170	25.0	20.2	30.2

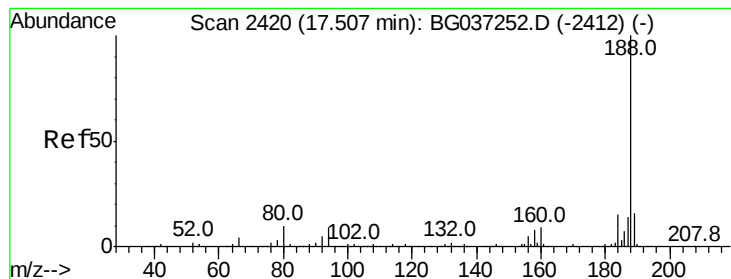


#50
 Dimethylphthalate
 Concen: 3.133 ng
 RT: 14.19 min Scan# 1856
 Delta R.T. -0.02 min
 Lab File: BG037313.D
 Acq: 13 Oct 2018 6:06

Tgt Ion:163 Resp: 40062

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.5	5.3#
164	11.4	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037313.D

Acq: 13 Oct 2018 6:06

Instrument :

BNA_G

ClientSampleId :

100918-SIDI-F-D-M

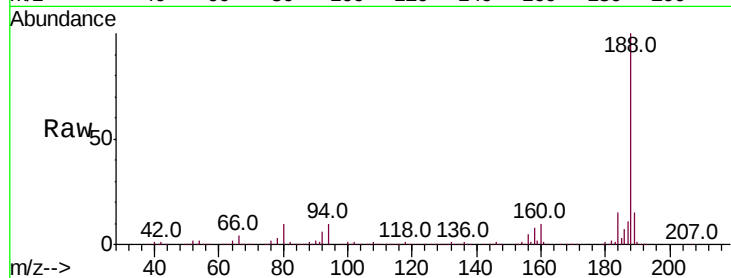
Tot Ion:188 Resp: 429859

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

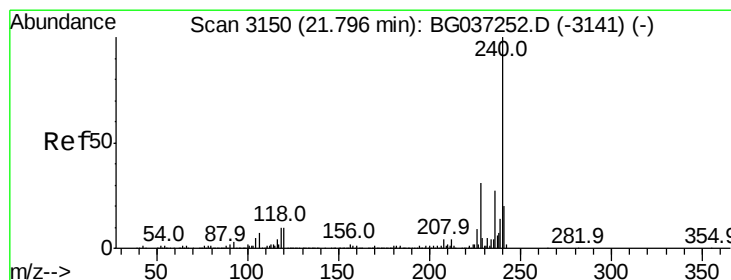
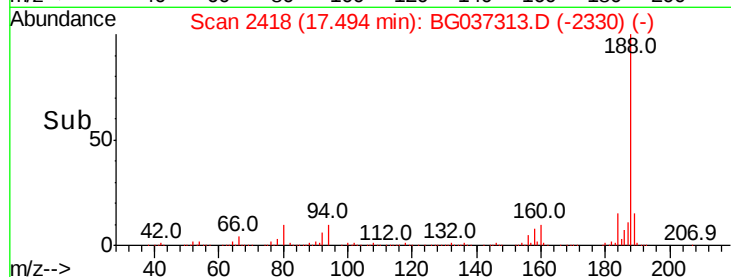
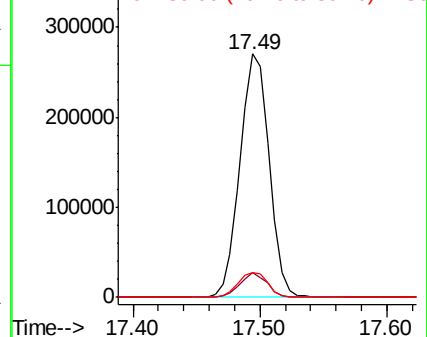
80 10.2 7.7 11.5



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: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG037313.D

Acq: 13 Oct 2018 6:06

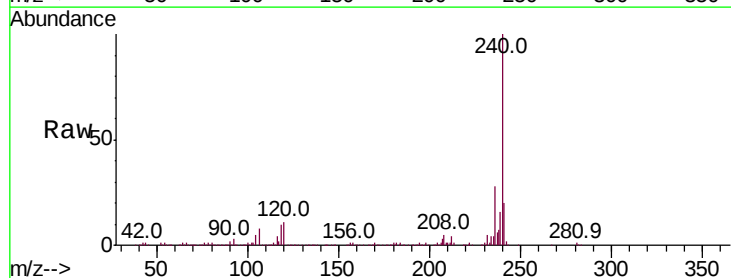
Tgt Ion:240 Resp: 427159

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

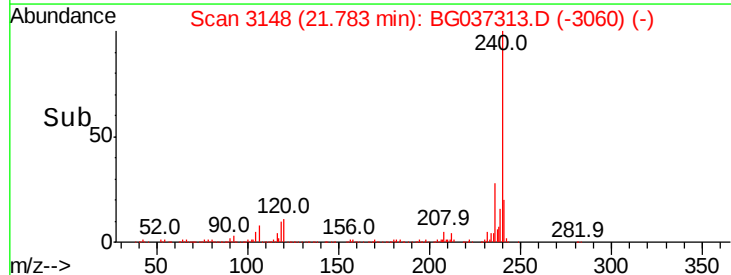
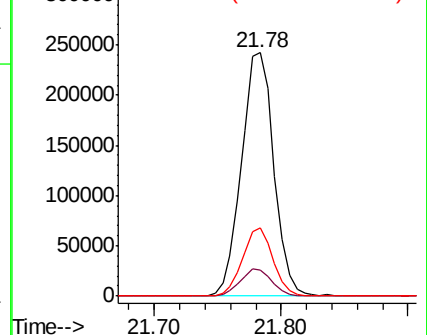
236 27.8 21.4 32.0

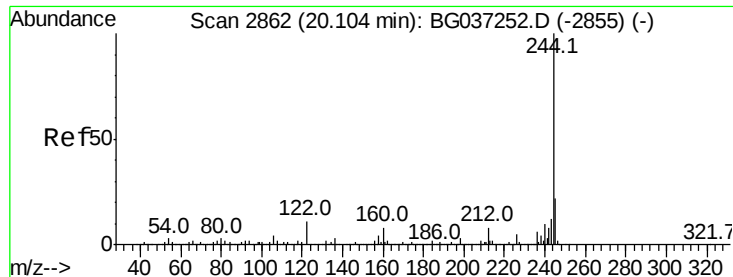


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



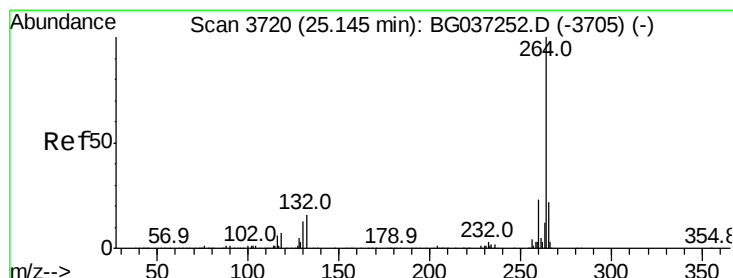
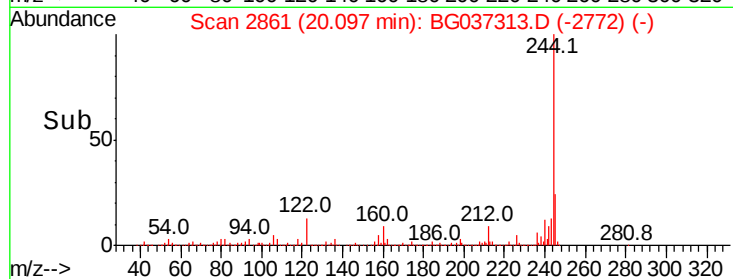
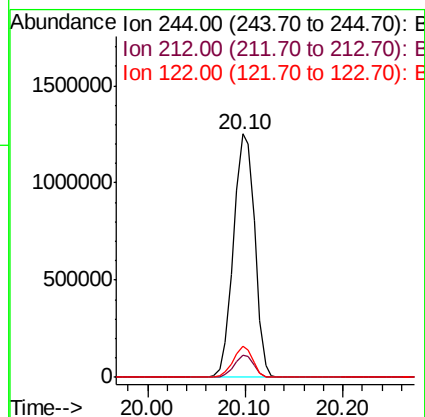
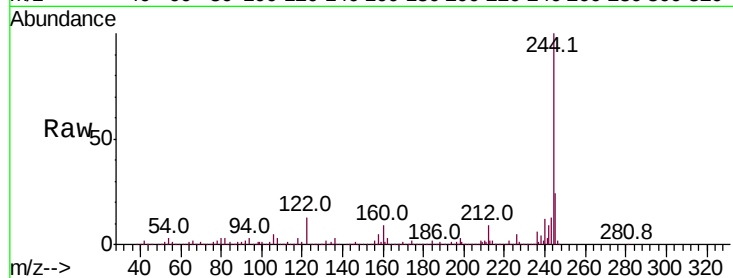


#79
 Terphenyl-d14
 Concen: 93.030 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG037313.D
 Acq: 13 Oct 2018 6:06

Instrument :
 BNA_G
 ClientSampleId :
 100918-SIDI-F-D-M

Tot Ion:244 Resp: 1892538

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.5	9.7
122	12.8	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.13 min Scan# 3717
 Delta R.T. -0.02 min
 Lab File: BG037313.D
 Acq: 13 Oct 2018 6:06

Tgt Ion:264 Resp: 418190

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.3	17.9	26.9

