

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
 Data File : BM018647.D
 Acq On : 18 Jan 2019 21:12
 Operator : JU/SJ
 Sample : K1189-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT3422

Quant Time: Jan 18 21:50:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

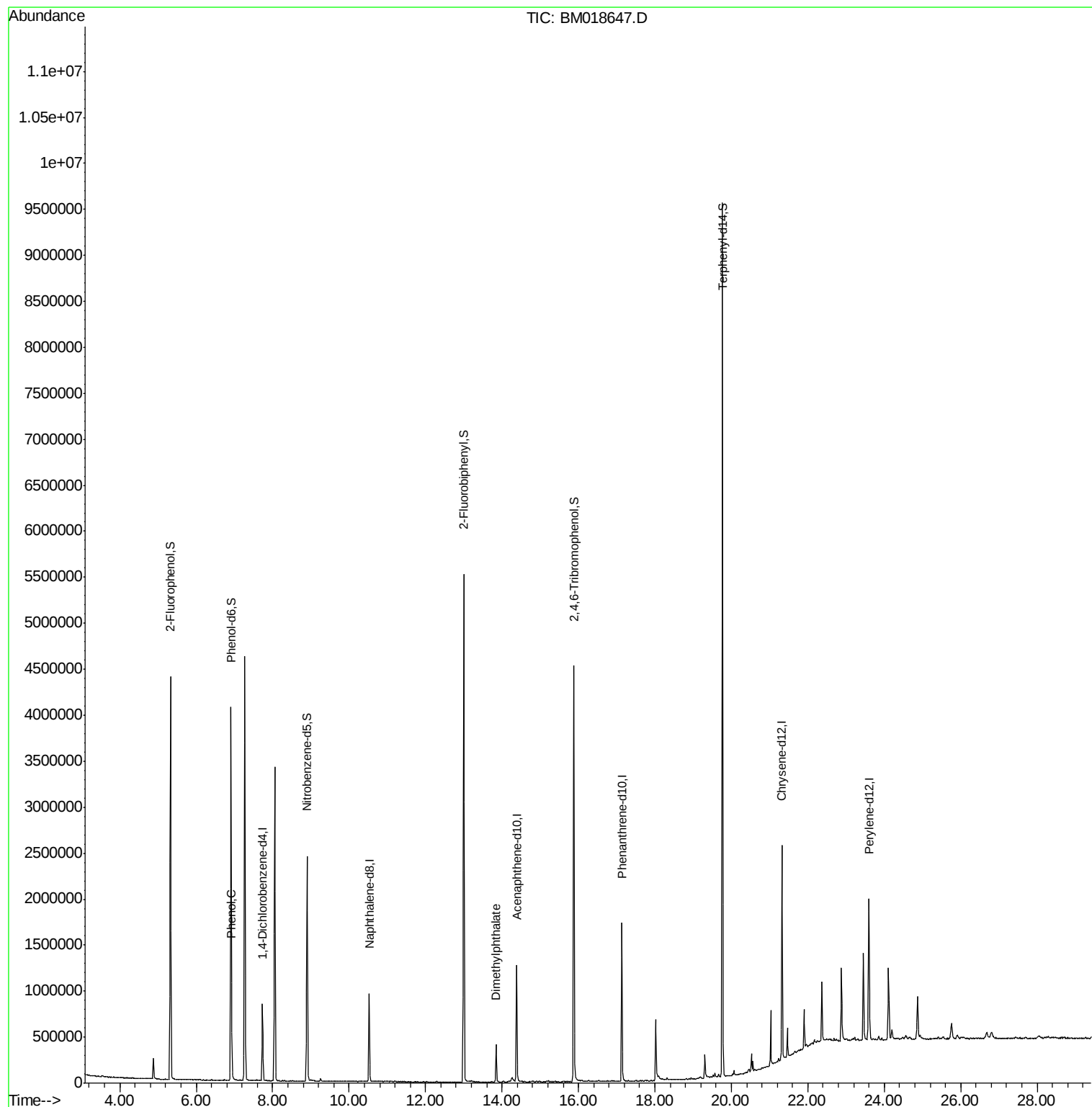
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	225664	20.00	ng	-0.03
21) Naphthalene-d8	10.53	136	829696	20.00	ng	-0.02
39) Acenaphthene-d10	14.38	164	439519	20.00	ng	-0.03
64) Phenanthrene-d10	17.13	188	982755	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1064935	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1106105	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1798782	147.19	ng	-0.02
7) Phenol-d6	6.91	99	2207425	142.21	ng	-0.02
23) Nitrobenzene-d5	8.90	82	1377177	96.22	ng	-0.02
42) 2,4,6-Tribromophenol	15.88	330	845702	151.12	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	2841130	84.35	ng	-0.02
79) Terphenyl-d14	19.77	244	4303565	85.19	ng	-0.02
Target Compounds						
10) Phenol	6.93	94	119161	7.555	ng	90
50) Dimethylphthalate	13.85	163	280420	7.769	ng	99

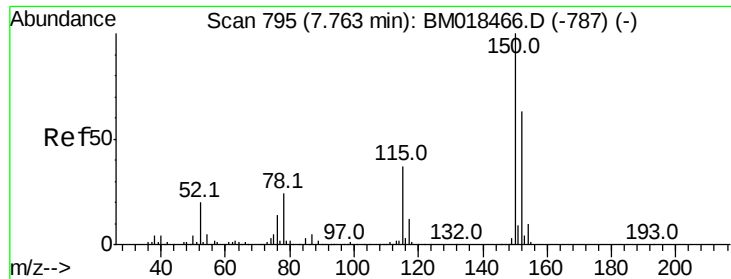
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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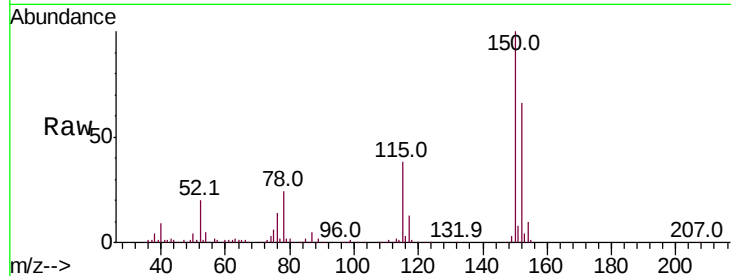


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.03 min
Lab File: BM018647.D
Acq: 18 Jan 2019 21:12

Instrument :
BNA_M
ClientSampleId :
RT3422

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.9	190.3
115	57.9	45.5	68.3

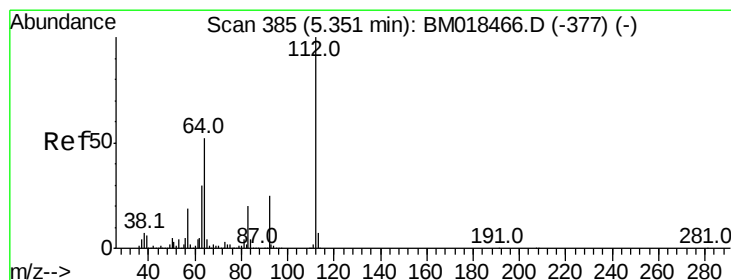
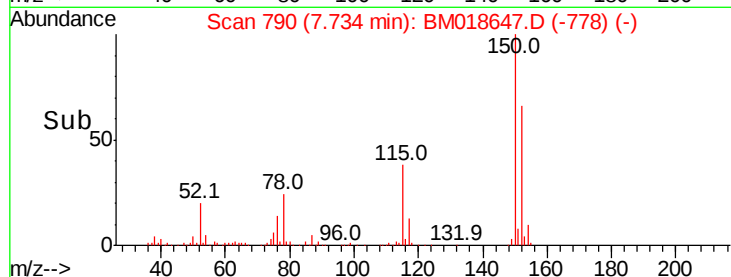
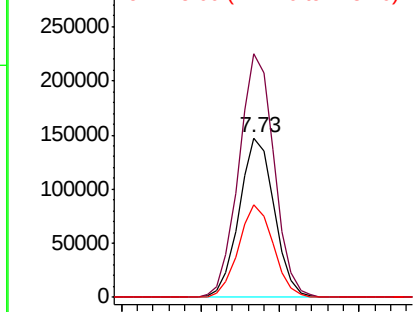


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

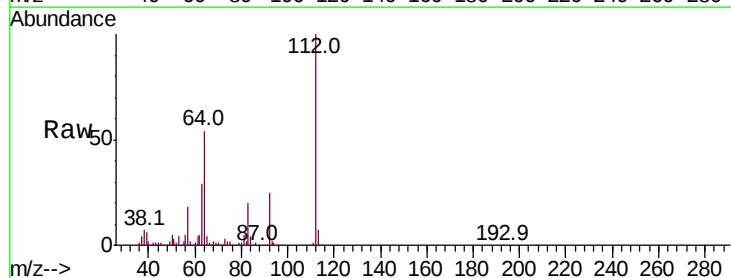
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.185 ng
RT: 5.33 min Scan# 381
Delta R.T. -0.02 min
Lab File: BM018647.D
Acq: 18 Jan 2019 21:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.5	69.7
63	29.2	25.2	37.8

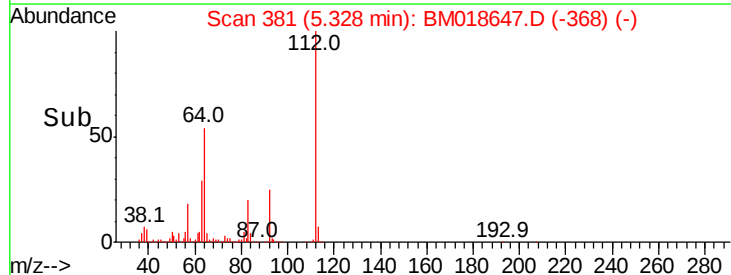
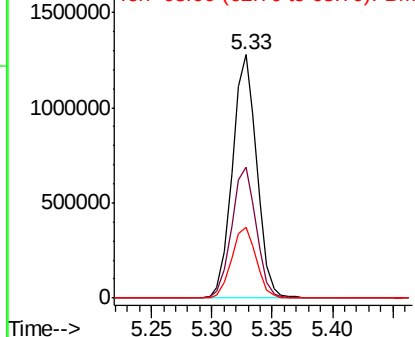


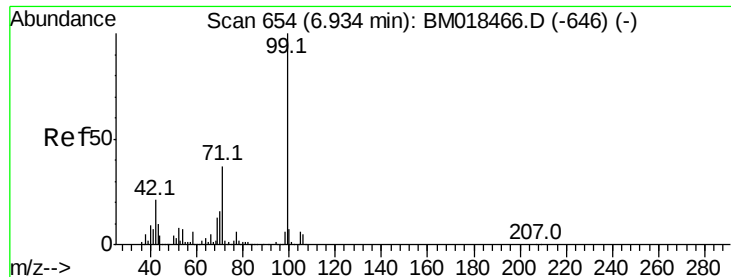
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 142.209 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM018647.D

Acq: 18 Jan 2019 21:12

Instrument :

BNA_M

ClientSampleId :

RT3422

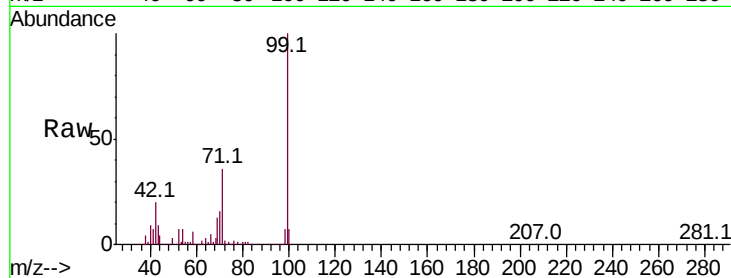
Tot Ion: 99 Resp: 2207425

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

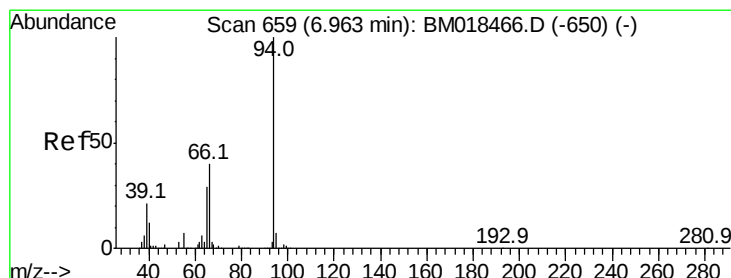
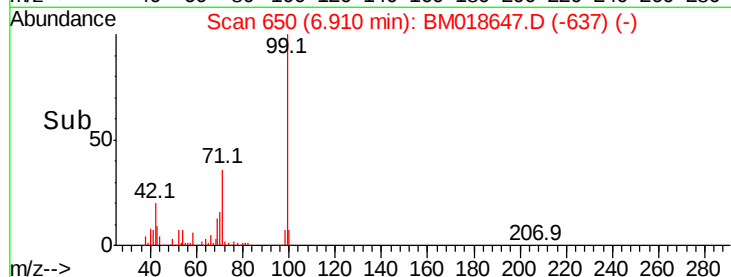
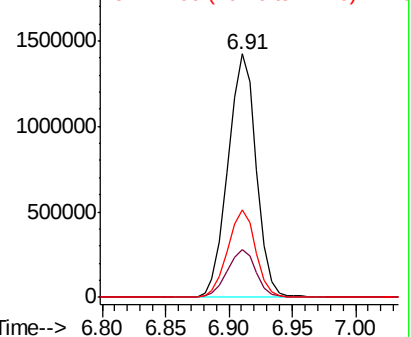
71 35.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#10

Phenol

Concen: 7.555 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.03 min

Lab File: BM018647.D

Acq: 18 Jan 2019 21:12

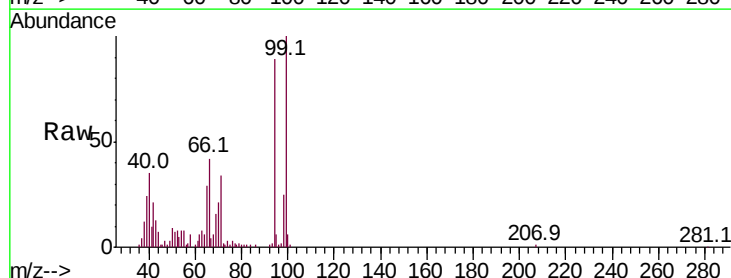
Tgt Ion: 94 Resp: 119161

Ion Ratio Lower Upper

94 100

65 32.1 9.4 49.4

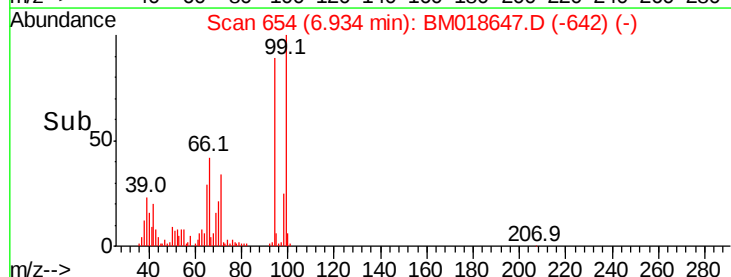
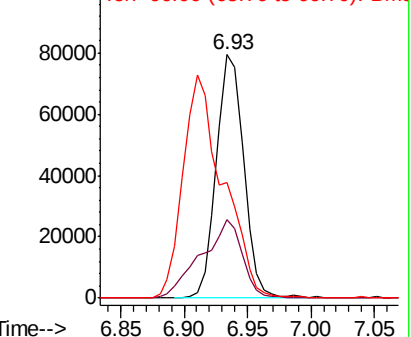
66 47.3 19.1 59.1

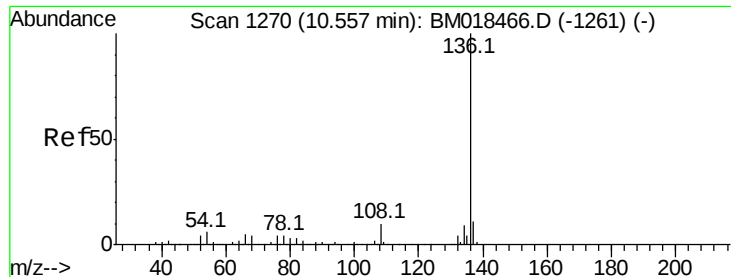


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

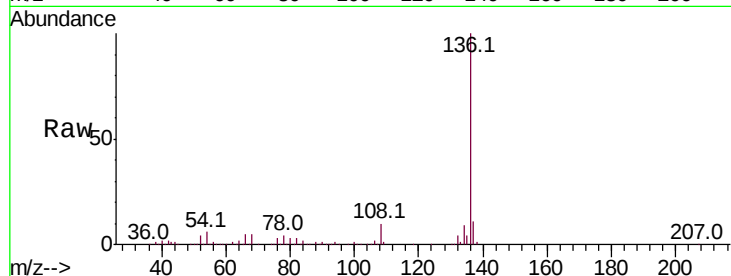




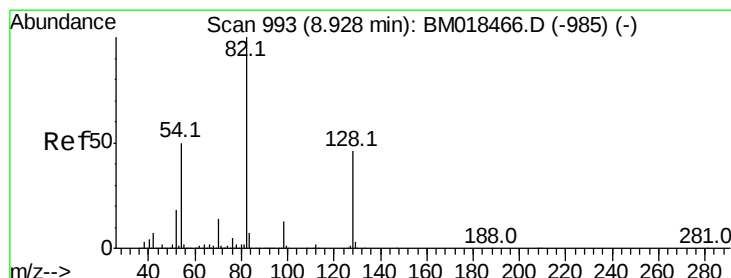
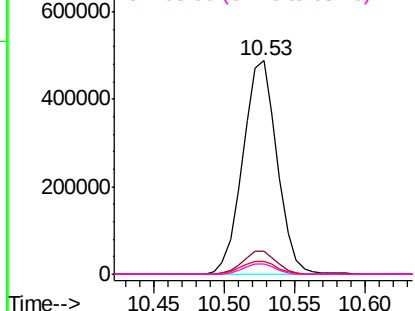
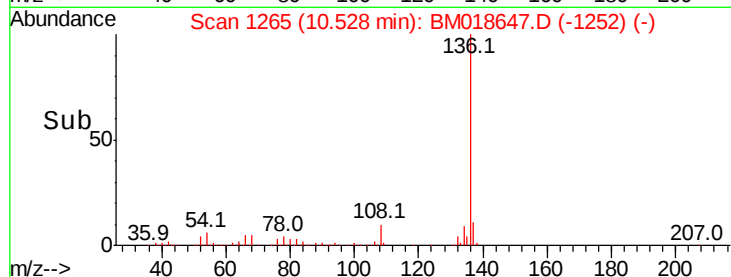
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM018647.D
Acq: 18 Jan 2019 21:12

Instrument :
BNA_M
ClientSampleId :
RT3422

Tot Ion:136	Resp:	829696	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.5	12.7	
54 6.2	6.0	9.0	
68 4.7	4.5	6.7	

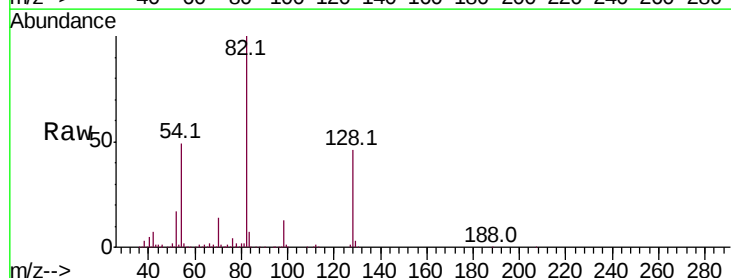


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

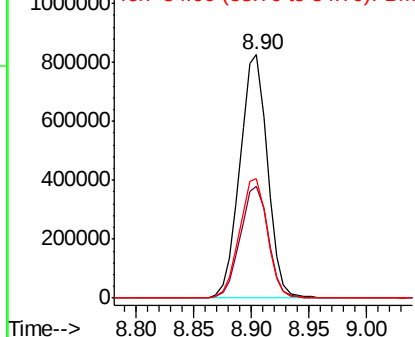
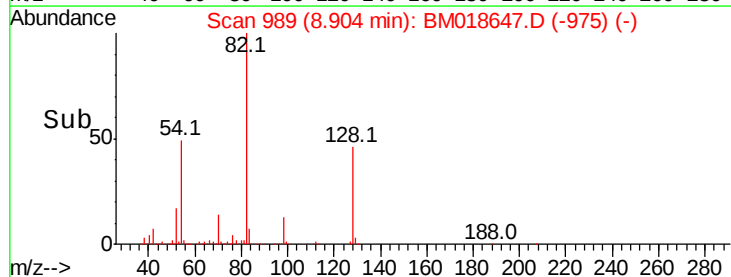


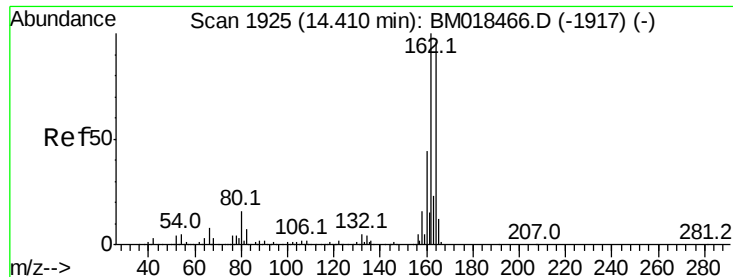
#23
Nitrobenzene-d5
Concen: 96.224 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BM018647.D
Acq: 18 Jan 2019 21:12

Tgt Ion: 82	Resp: 1377177
Ion Ratio	Lower Upper
82 100	
128 46.1	36.3 54.5
54 49.1	41.7 62.5



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

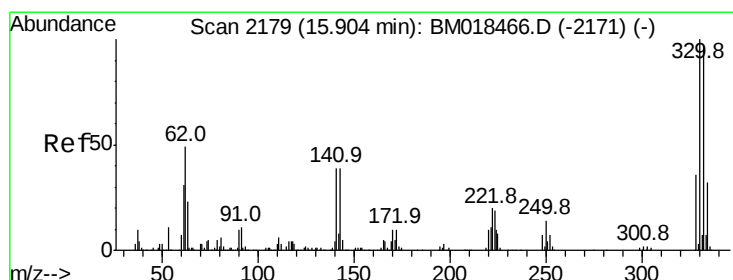
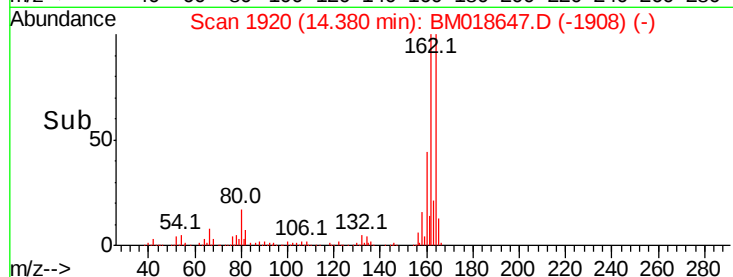
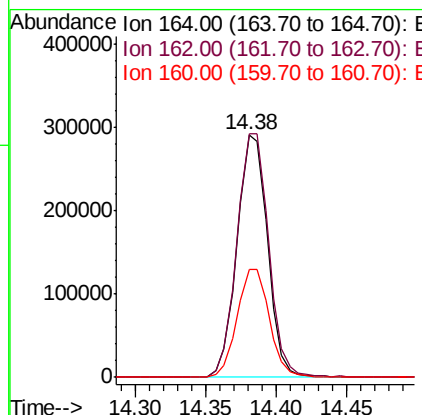
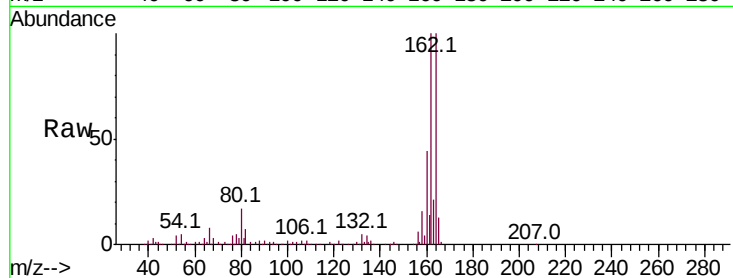




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.38 min Scan# 1920
Delta R.T. -0.03 min
Lab File: BM018647.D
Acq: 18 Jan 2019 21:12

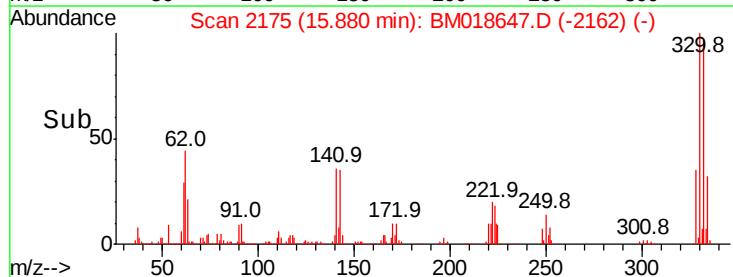
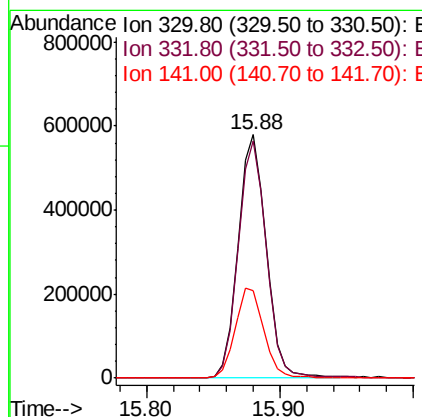
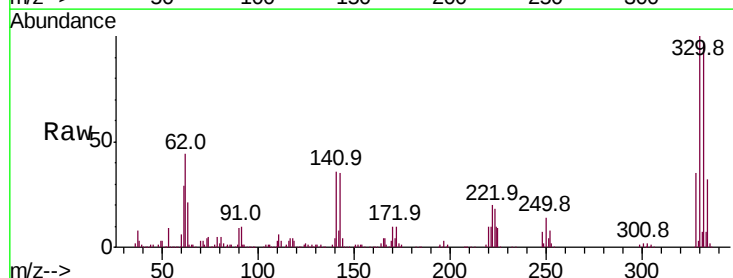
Instrument :
BNA_M
ClientSampleId :
RT3422

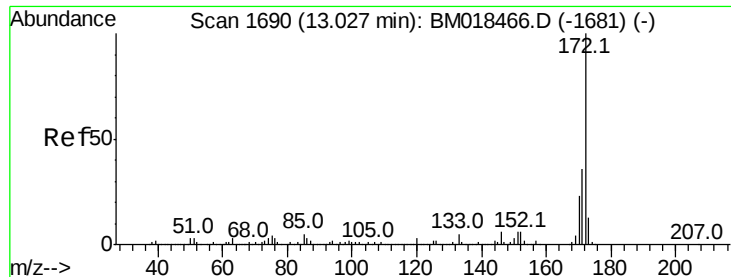
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.0	124.4
160	44.3	37.1	55.7



#42
2,4,6-Tribromophenol
Concen: 151.118 ng
RT: 15.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BM018647.D
Acq: 18 Jan 2019 21:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.6	116.4
141	38.0	31.7	47.5

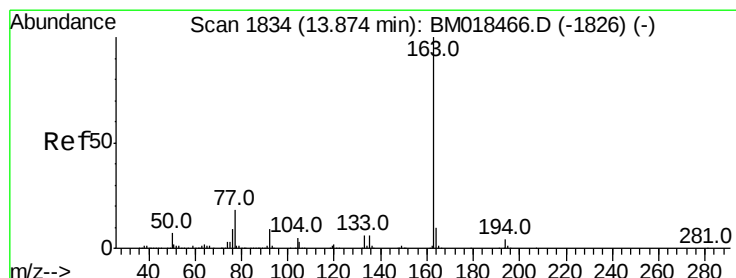
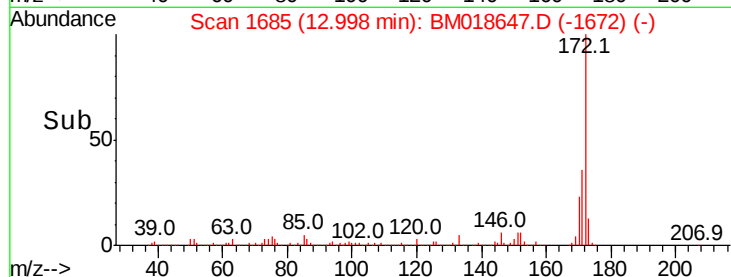
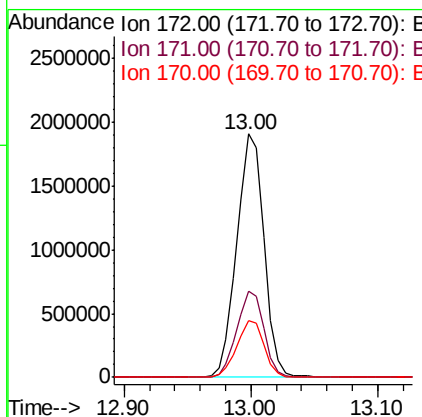
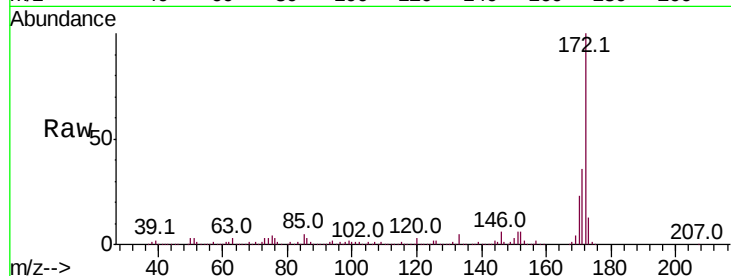




#45
2-Fluorobiphenyl
Concen: 84.349 ng
RT: 13.00 min Scan# 1685
Delta R.T. -0.02 min
Lab File: BM018647.D
Acq: 18 Jan 2019 21:12

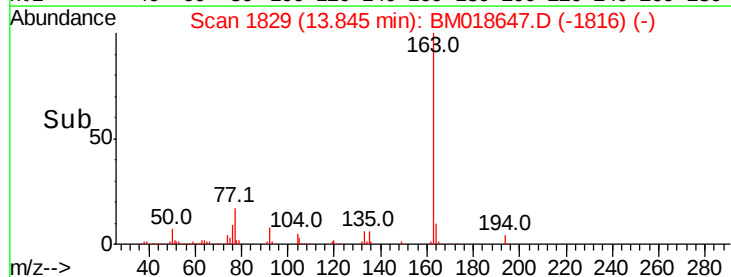
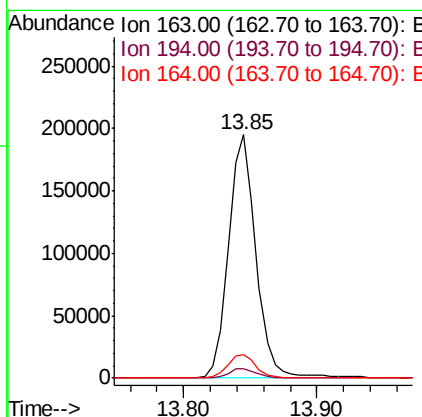
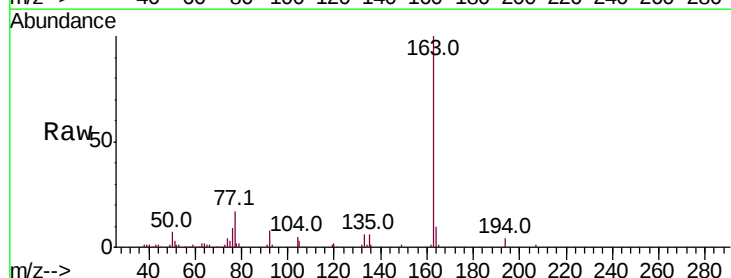
Instrument :
BNA_M
ClientSampleId :
RT3422

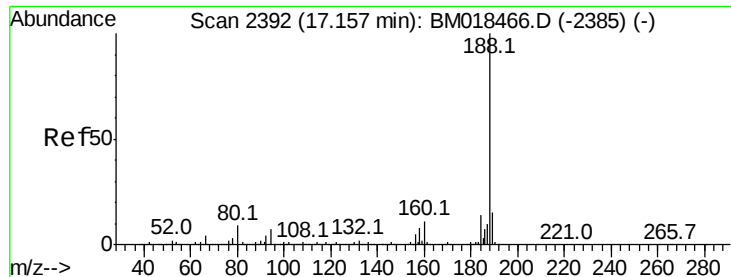
Tot Ion:172 Resp: 2841130
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.3 18.9 28.3



#50
Dimethylphthalate
Concen: 7.769 ng
RT: 13.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BM018647.D
Acq: 18 Jan 2019 21:12

Tgt Ion:163 Resp: 280420
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.6 7.8 11.8

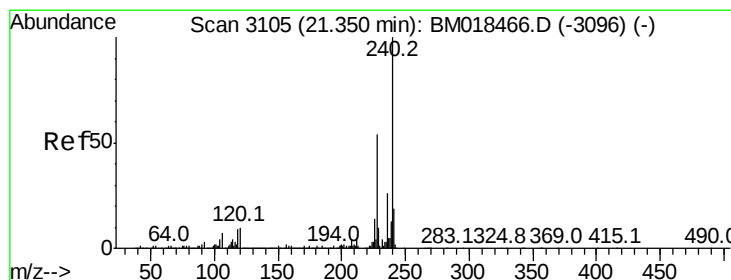
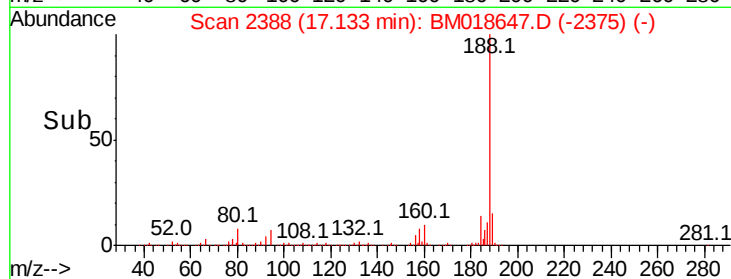
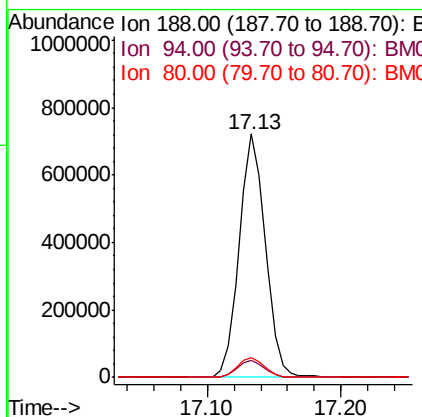
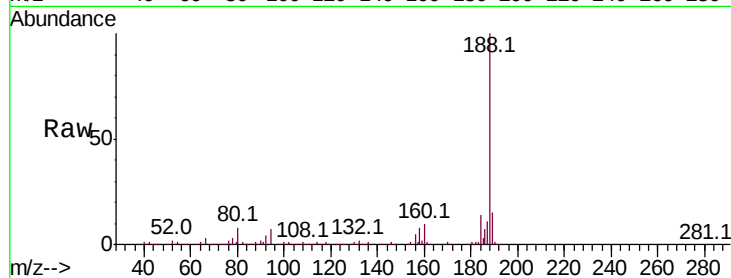




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM018647.D
Acq: 18 Jan 2019 21:12

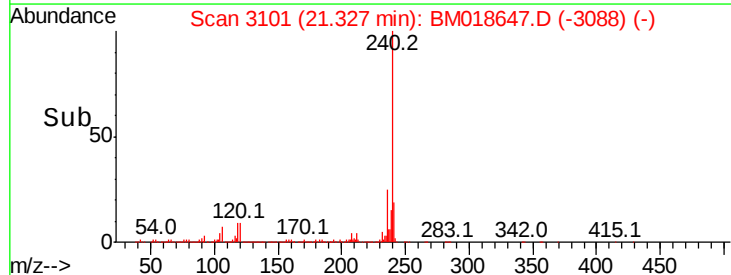
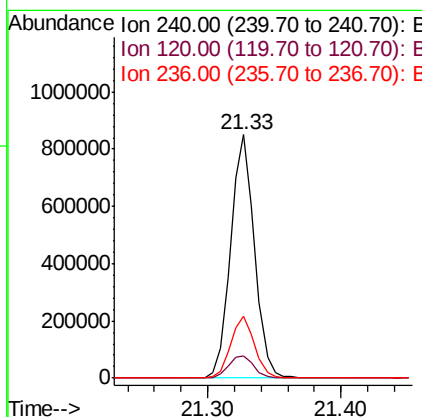
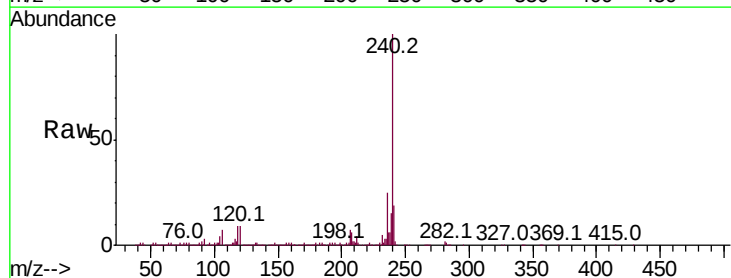
Instrument :
BNA_M
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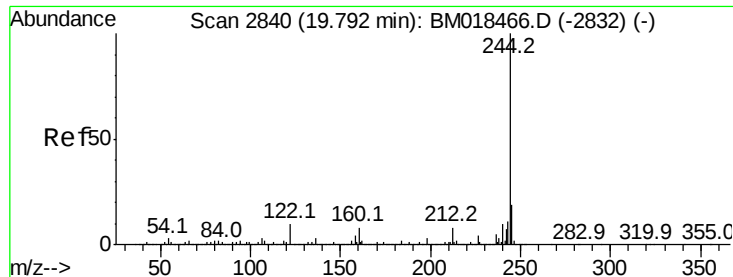
Tot Ion:188 Resp: 982755
Ion Ratio Lower Upper
188 100
94 7.2 7.1 10.7
80 7.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018647.D
Acq: 18 Jan 2019 21:12

Tgt Ion:240 Resp: 1064935
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 25.2 20.7 31.1



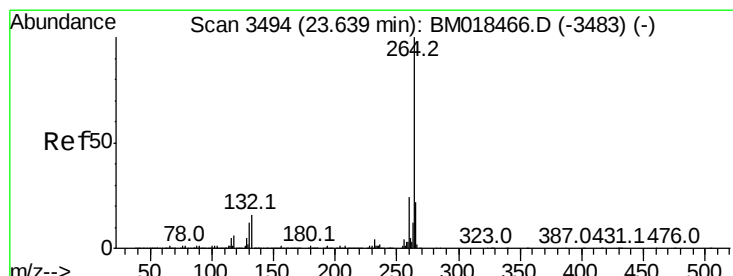
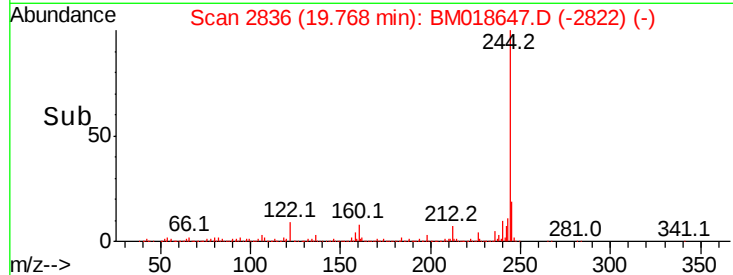
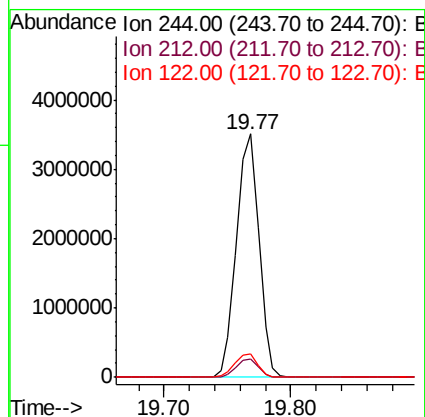
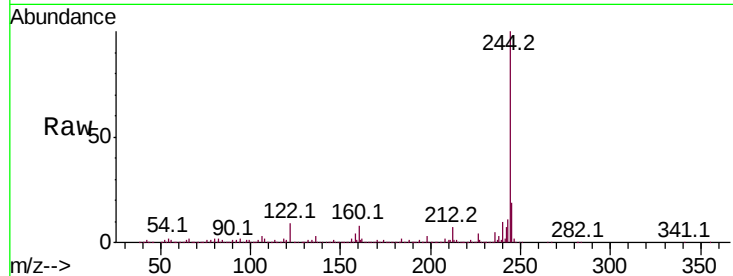


#79
 Terphenyl-d14
 Concen: 85.189 ng
 RT: 19.77 min Scan# 2836
 Delta R.T. -0.02 min
 Lab File: BM018647.D
 Acq: 18 Jan 2019 21:12

Instrument :
 BNA_M
 ClientSampleId :
 RT3422

Tot Ion:244 Resp: 4303565

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	9.5	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.60 min Scan# 3487
 Delta R.T. -0.04 min
 Lab File: BM018647.D
 Acq: 18 Jan 2019 21:12

Tgt Ion:264 Resp: 1106105

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	22.1	16.8	25.2

