

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\
 Data File : BM011206.D
 Acq On : 11 Aug 2017 18:05
 Operator : SJ/JU
 Sample : I4666-03RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014

Quant Time: Aug 11 19:01:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 18:38:42 2017
 Response via : Initial Calibration

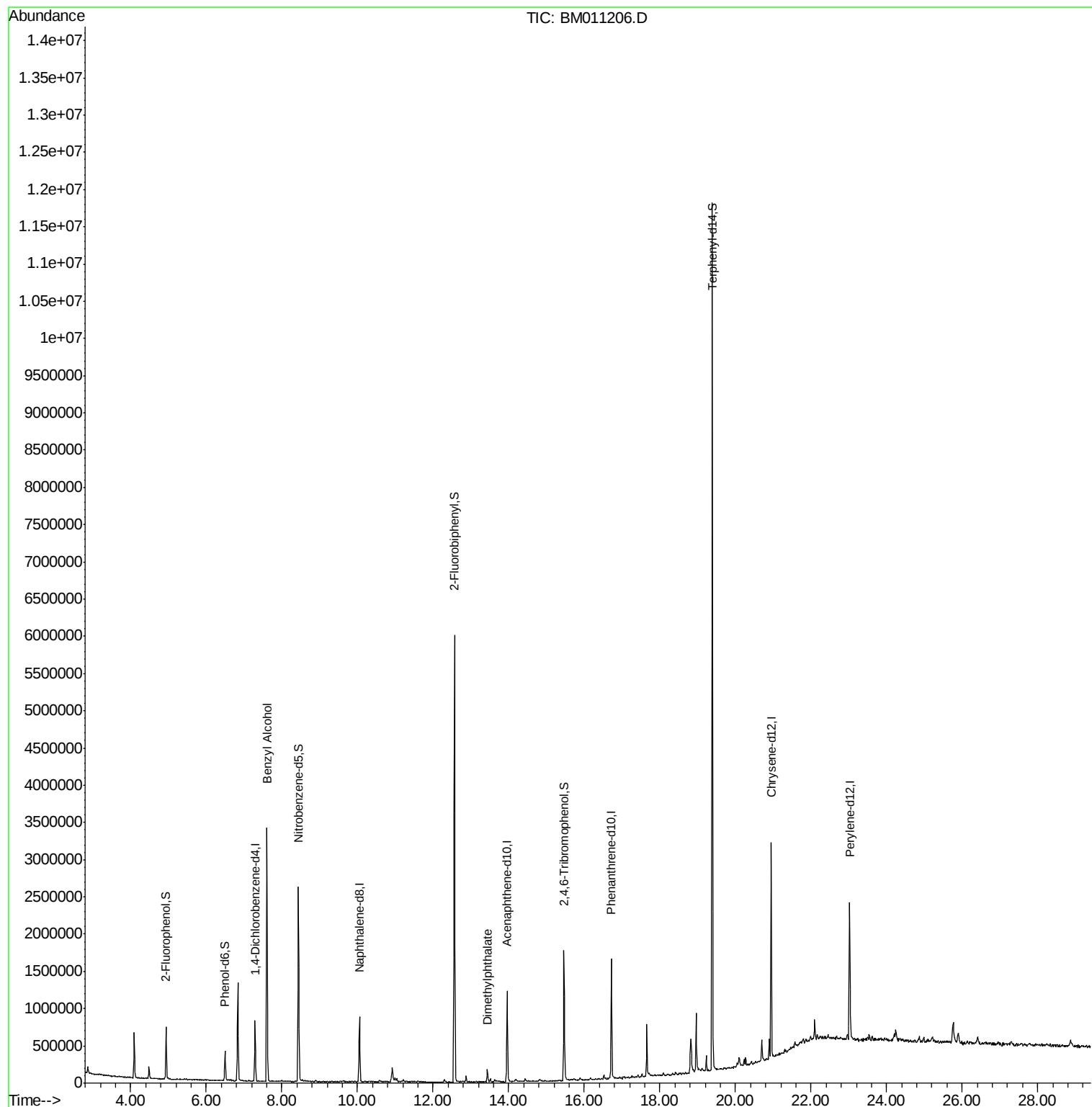
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	149891	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	539398	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	350314	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	866999	20.00	ng	0.00
75) Chrysene-d12	20.94	240	1340294	20.00	ng	0.00
86) Perylene-d12	23.02	264	1308243	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	192887	21.75	ng	0.00
7) Phenol-d6	6.50	99	168163	13.35	ng	0.00
23) Nitrobenzene-d5	8.44	82	1467463	102.11	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	244472	43.54	ng	0.00
44) 2-Fluorobiphenyl	12.57	172	2540390	90.95	ng	0.00
78) Terphenyl-d14	19.39	244	4462117	65.95	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.60	79	34104	2.822	ng	Qvalue # 40
49) Dimethylphthalate	13.44	163	87415	2.917	ng	99

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

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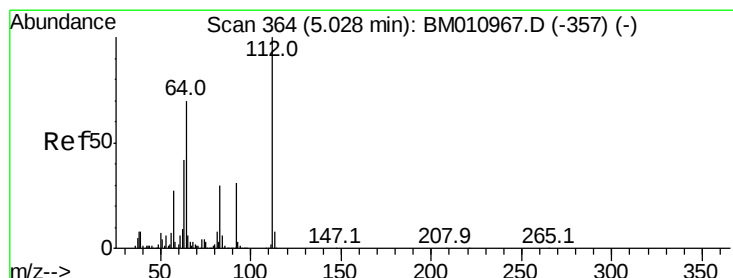
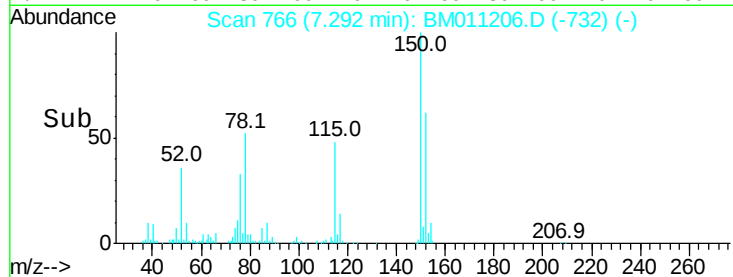
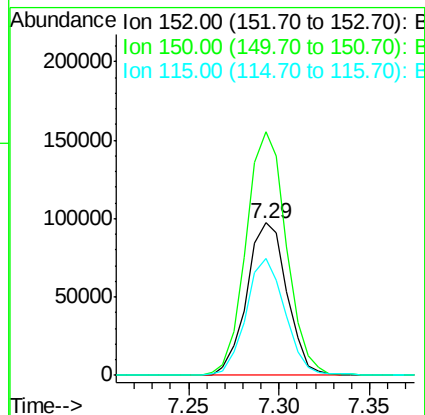
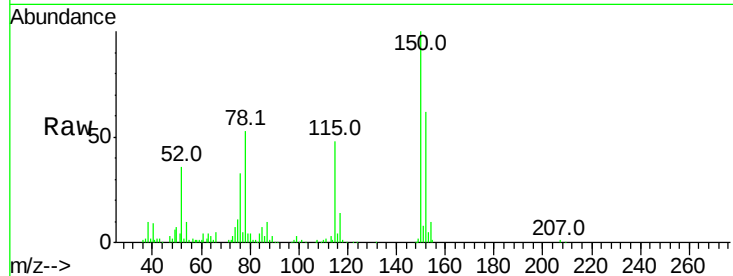


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.00 min
Lab File: BM011206.D
Acq: 11 Aug 2017 18:05

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014

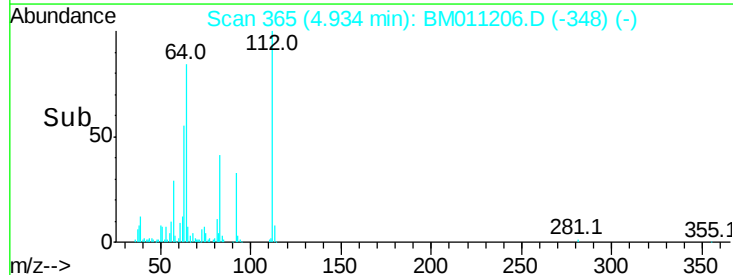
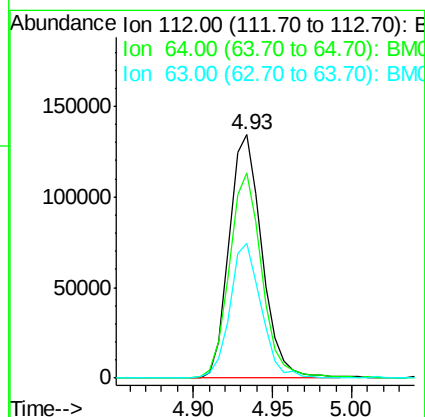
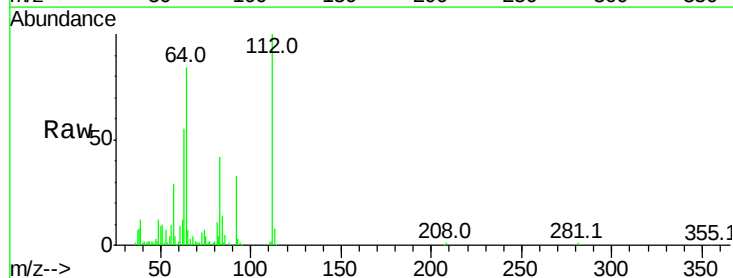
Tot Ion:152 Resp: 149891
Ion Ratio Lower Upper
152 100
150 160.0 119.5 179.3
115 76.9 43.0 64.4#

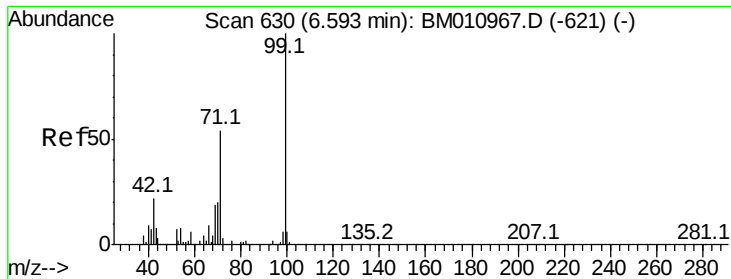


#5

2-Fluorophenol
Concen: 21.753 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.00 min
Lab File: BM011206.D
Acq: 11 Aug 2017 18:05

Tgt Ion:112 Resp: 192887
Ion Ratio Lower Upper
112 100
64 84.3 38.6 57.8#
63 55.3 19.3 28.9#





#7

Phenol-d6

Concen: 13.348 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.00 min

Lab File: BM011206.D

Acq: 11 Aug 2017 18:05

Instrument :

BNA_M

ClientSampleId :

RO-124019-72-12014

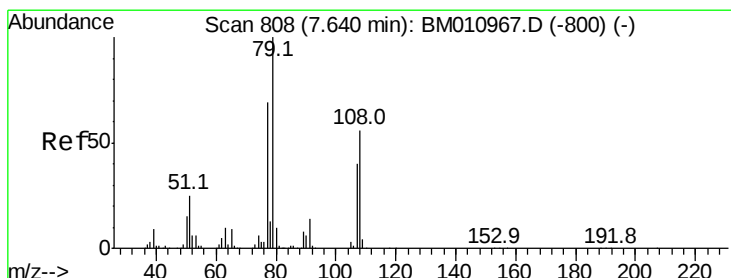
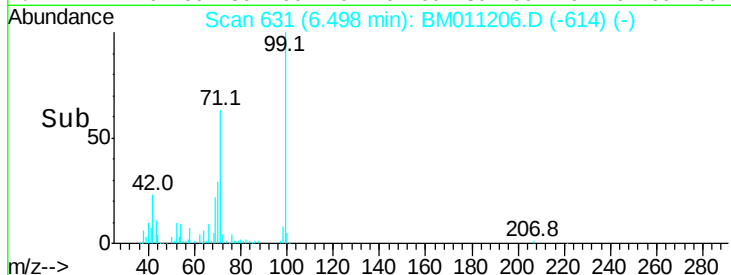
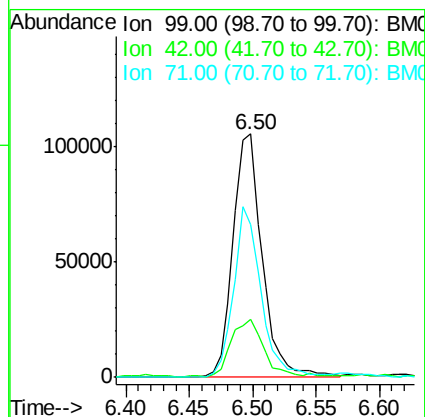
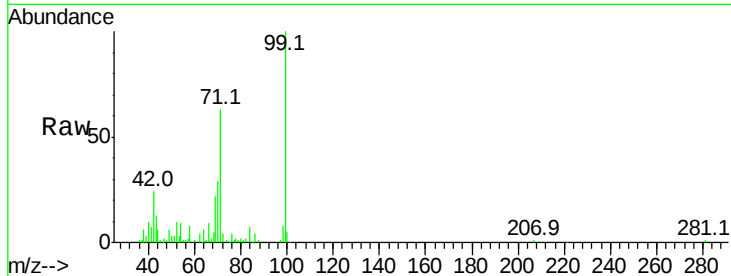
Tot Ion: 99 Resp: 168163

Ion Ratio Lower Upper

99 100

42 23.8 11.0 16.4#

71 62.5 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.822 ng

RT: 7.60 min Scan# 819

Delta R.T. 0.06 min

Lab File: BM011206.D

Acq: 11 Aug 2017 18:05

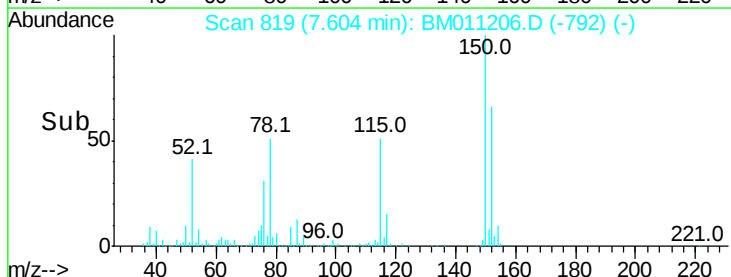
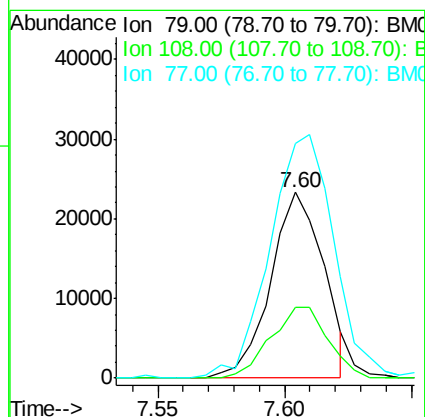
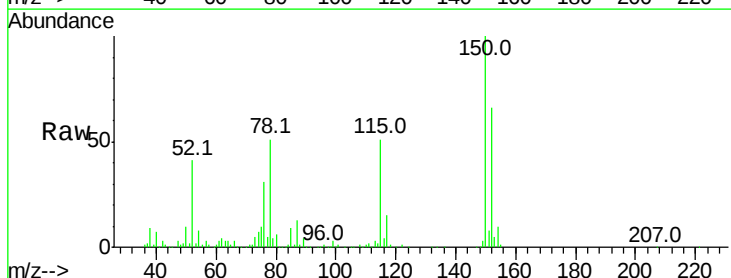
Tgt Ion: 79 Resp: 34104

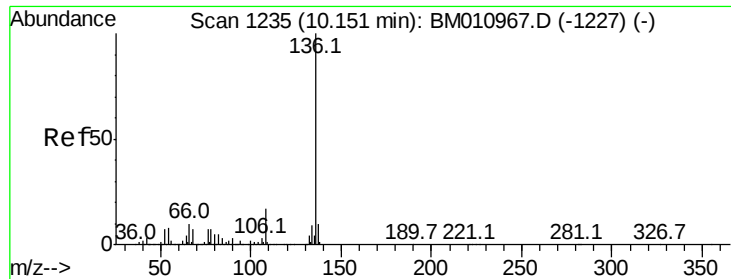
Ion Ratio Lower Upper

79 100

108 38.1 65.0 97.4#

77 126.1 53.0 79.6#

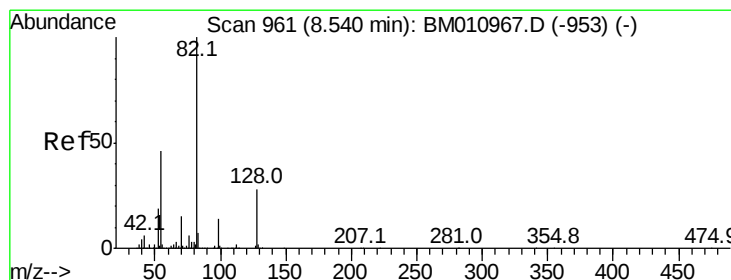
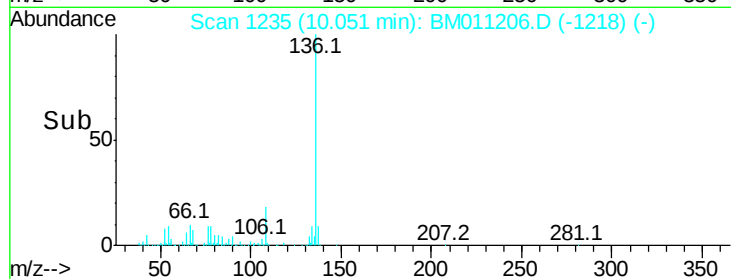
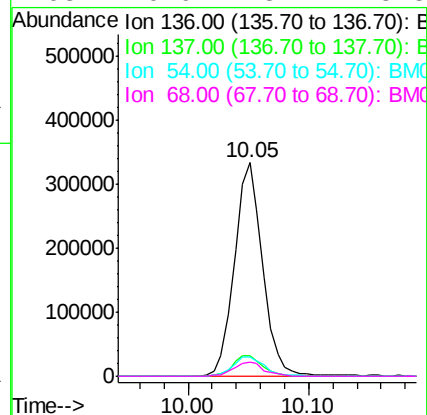
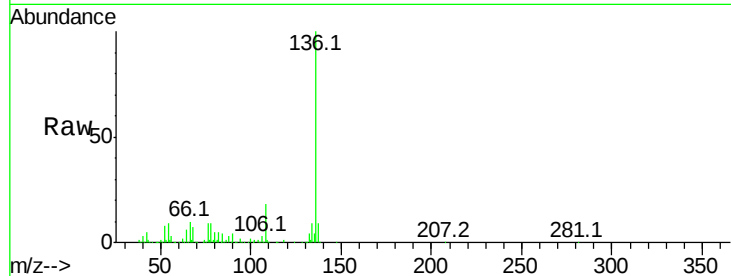




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.05 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BM011206.D
Acq: 11 Aug 2017 18:05

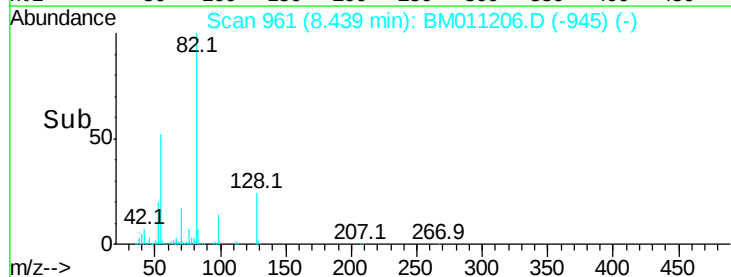
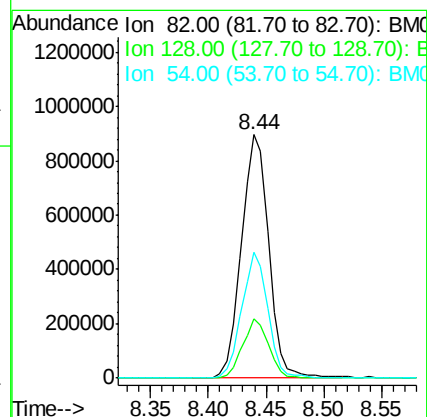
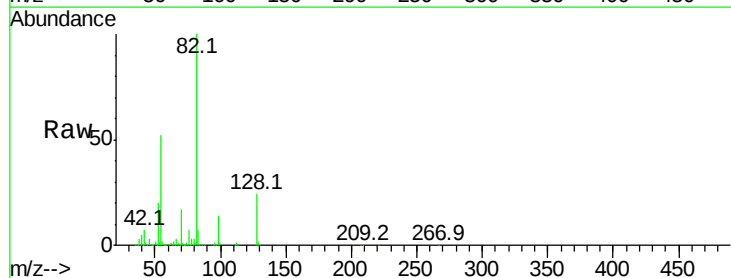
Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014

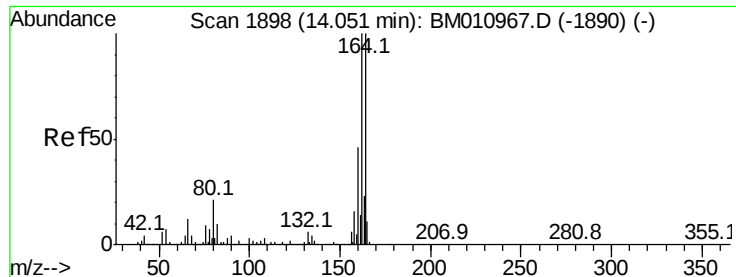
Tot Ion:136	Resp: 539398
Ion Ratio	Lower Upper
136 100	
137 9.4	8.7 13.1
54 9.3	4.6 6.8#
68 6.9	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 102.107 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM011206.D
Acq: 11 Aug 2017 18:05

Tgt	Ion: 82	Resp: 1467463	
Ion	Ratio	Lower	Upper
82	100		
128	24.1	32.8	49.2#
54	51.9	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM011206.D

Acq: 11 Aug 2017 18:05

Instrument :

BNA_M

ClientSampleId :

RO-124019-72-12014

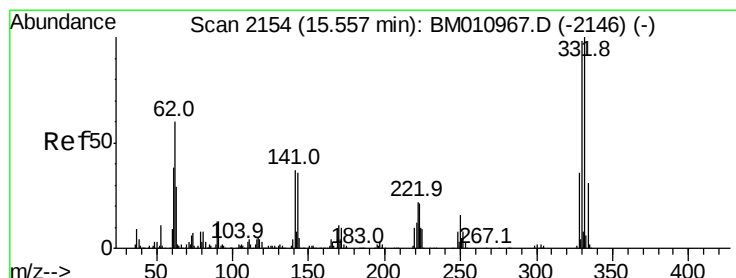
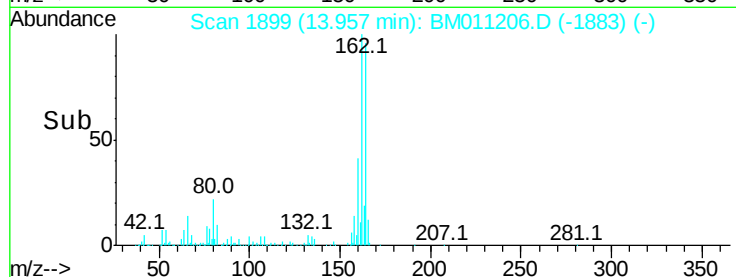
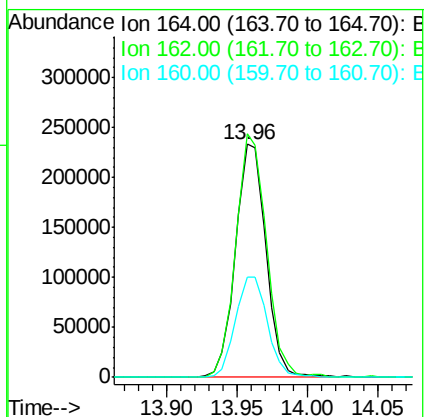
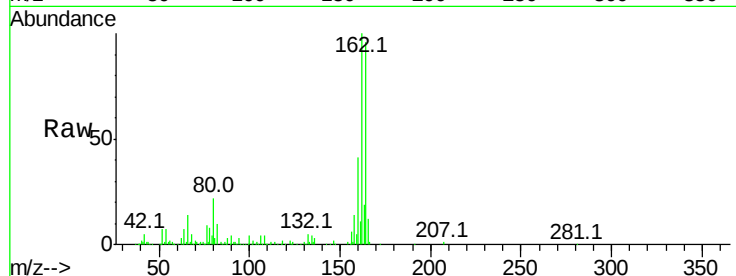
Tot Ion:164 Resp: 350314

Ion Ratio Lower Upper

164 100

162 104.4 82.4 123.6

160 43.1 35.8 53.6



#41

2,4,6-Tribromophenol

Concen: 43.541 ng

RT: 15.47 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BM011206.D

Acq: 11 Aug 2017 18:05

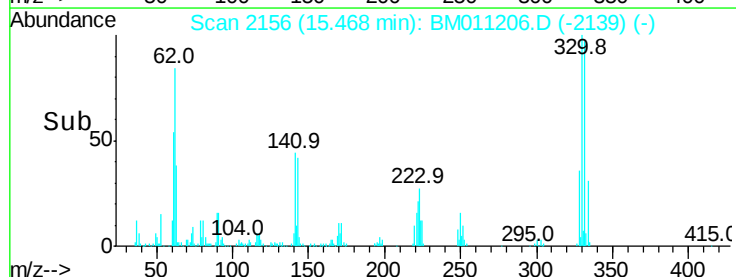
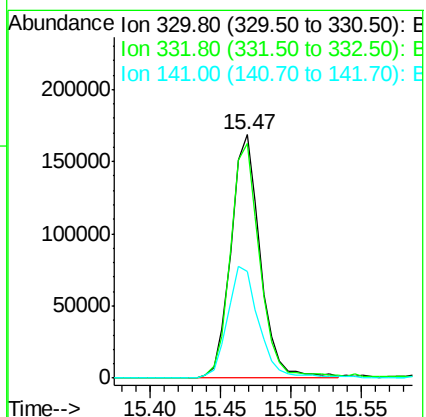
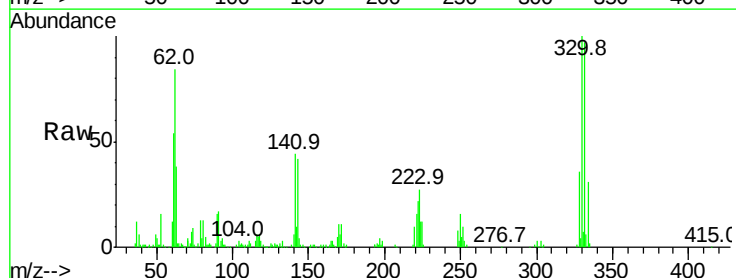
Tgt Ion:330 Resp: 244472

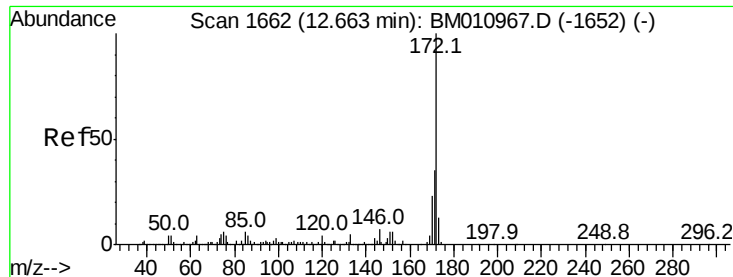
Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

141 48.9 0.0 0.0#





#44

2-Fluorobiphenyl

Concen: 90.947 ng

RT: 12.57 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BM011206.D

Acq: 11 Aug 2017 18:05

Instrument :

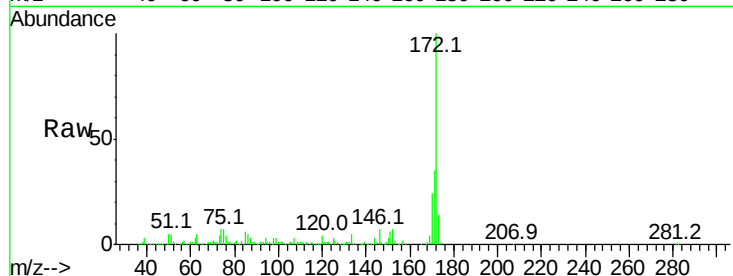
BNA_M

ClientSampleId :

RO-124019-72-12014

Tot Ion:172 Resp: 2540390

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.6	18.8	28.2

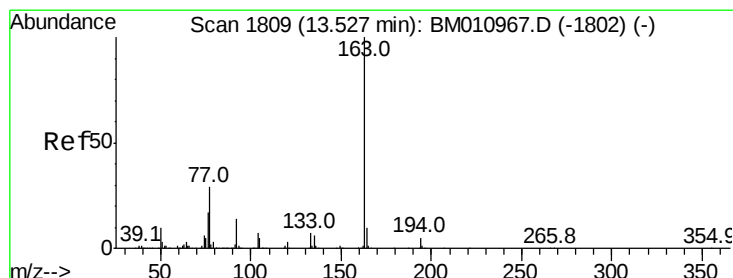
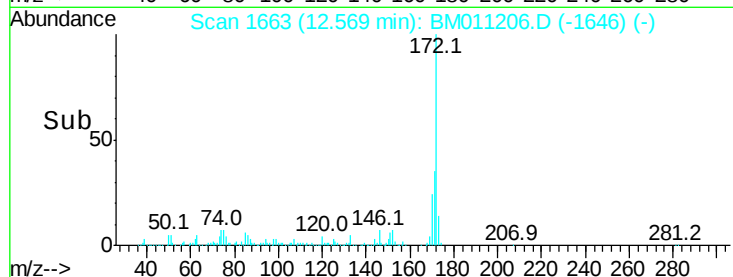
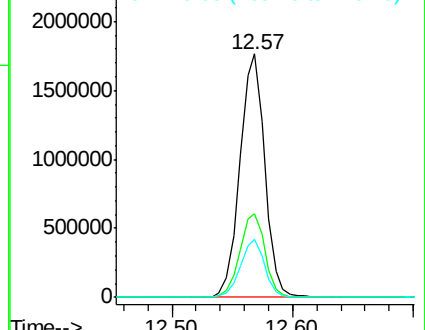


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 2.917 ng

RT: 13.44 min Scan# 1811

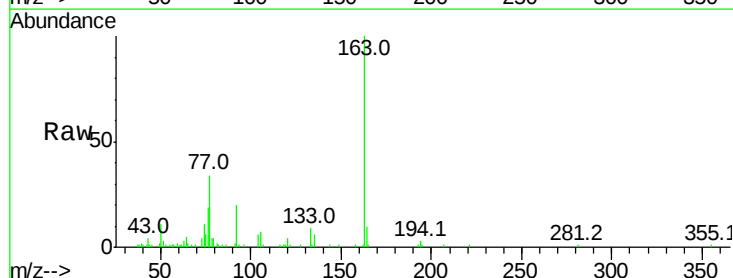
Delta R.T. -0.01 min

Lab File: BM011206.D

Acq: 11 Aug 2017 18:05

Tgt Ion:163 Resp: 87415

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	10.3	8.2	12.2

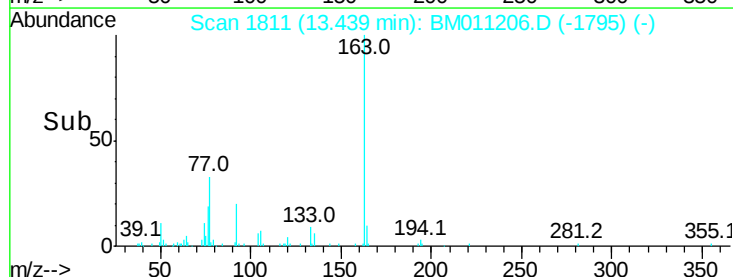
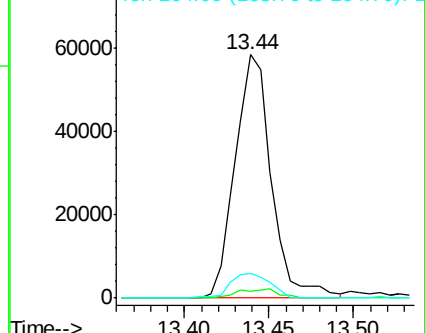


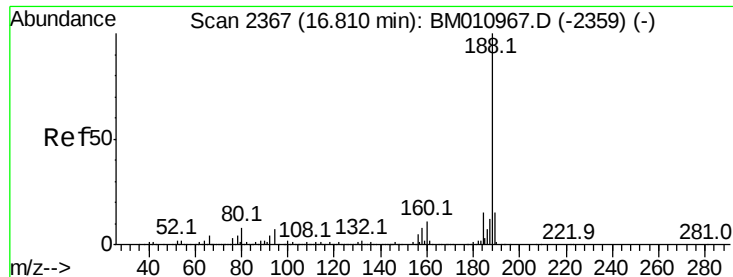
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.72 min Scan# 2369

Delta R.T. -0.00 min

Lab File: BM011206.D

Acq: 11 Aug 2017 18:05

Instrument :

BNA_M

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RO-124019-72-12014

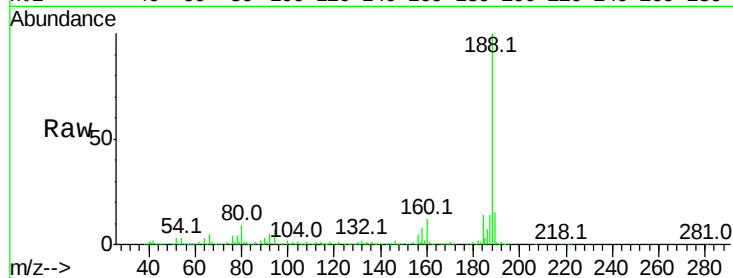
Tot Ion:188 Resp: 866999

Ion Ratio Lower Upper

188 100

94 6.5 8.7 13.1#

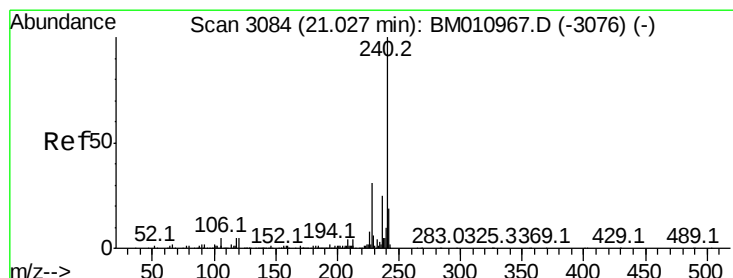
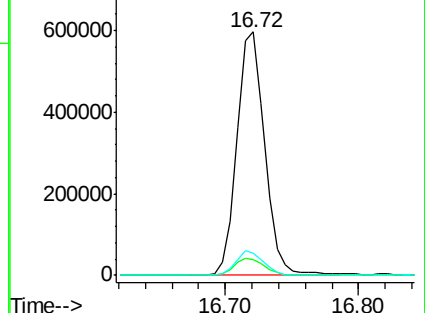
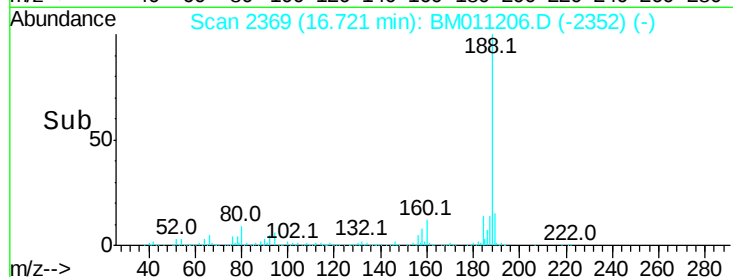
80 9.0 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.94 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM011206.D

Acq: 11 Aug 2017 18:05

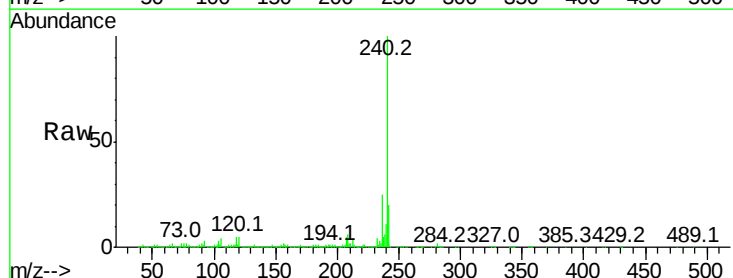
Tgt Ion:240 Resp: 1340294

Ion Ratio Lower Upper

240 100

120 5.3 8.2 12.2#

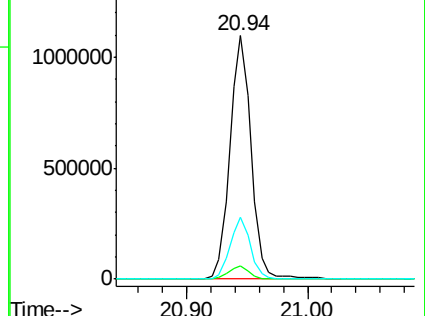
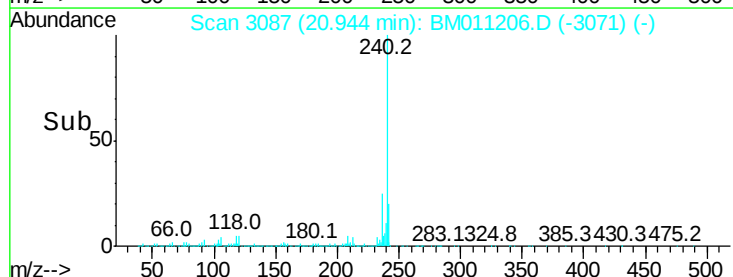
236 25.4 20.0 30.0

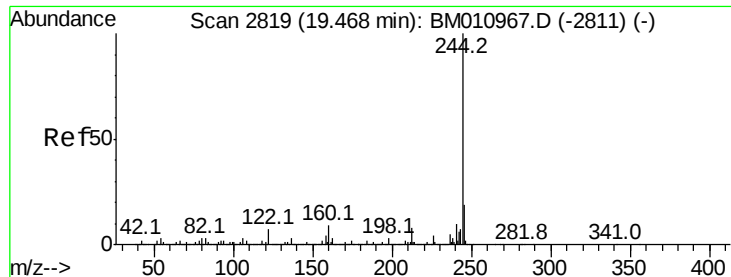


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



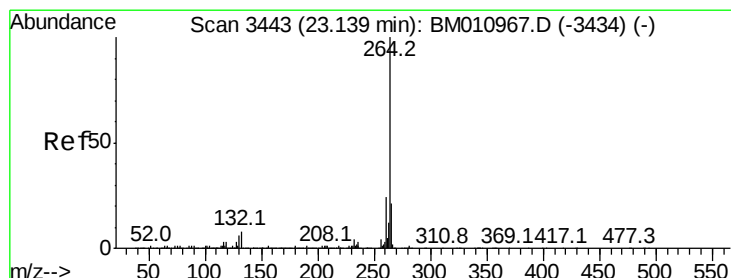
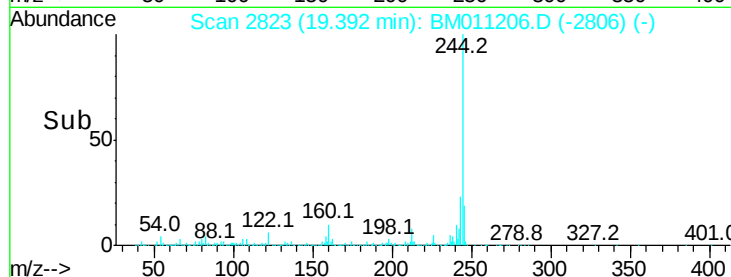
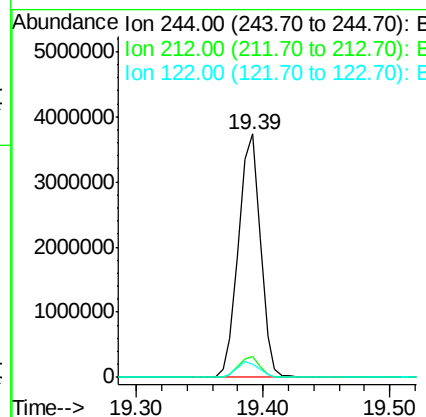
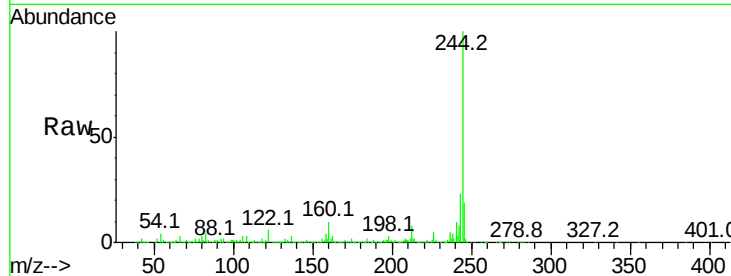


#78
 Terphenyl-d14
 Concen: 65.947 ng
 RT: 19.39 min Scan# 2823
 Delta R.T. -0.00 min
 Lab File: BM011206.D
 Acq: 11 Aug 2017 18:05

Instrument :
 BNA_M
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 RO-124019-72-12014

Tot Ion:244 Resp: 4462117

Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	5.6	6.2	9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. -0.01 min
 Lab File: BM011206.D
 Acq: 11 Aug 2017 18:05

Tgt Ion:264 Resp: 1308243

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	23.3	17.3	25.9

