

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097620.D
 Acq On : 21 Sep 2018 20:22
 Operator : SJ/JU
 Sample : PB112884BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112884BL

Manual Integrations
 APPROVED

Sohil
 9/24/2018 8:30:05 AM

Quant Time: Sep 22 04:39:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	837	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3486	0.40	ng	0.03
13) Acenaphthene-d10	14.03	164	1901	0.40	ng	0.02
19) Phenanthrene-d10	16.78	188	5169	0.40	ng	0.02
27) Chrysene-d12	20.98	240	7129	0.40	ng	0.01
34) Perylene-d12	23.21	264	7400	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1045	0.42	ng	0.01
5) Phenol-d6	6.66	99	1343m	0.42	ng	0.05
8) Nitrobenzene-d5	8.59	82	930m	0.35	ng	0.06
11) 2-Methylnaphthalene-d10	11.77	152	2097	0.44	ng	0.06
14) 2,4,6-Tribromophenol	15.57	330	272m	0.39	ng	0.05
15) 2-Fluorobiphenyl	12.67	172	3353	0.50	ng	0.05
25) Fluoranthene-d10	18.82	212	29189	0.44	ng	0.01
29) Terphenyl-d14	19.43	244	6309	0.48	ng	0.00

Target Compounds Qvalue

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

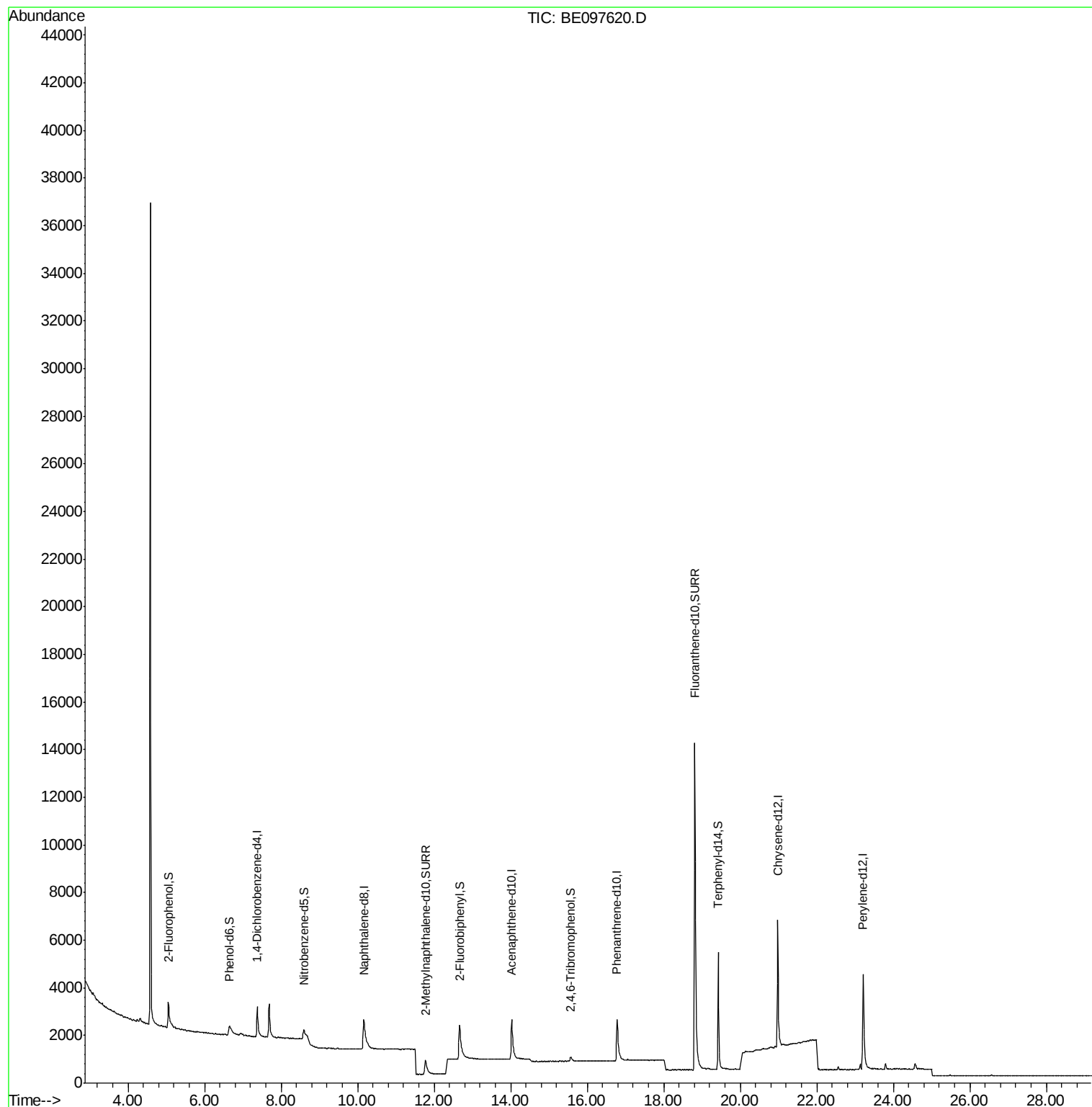
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
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#1

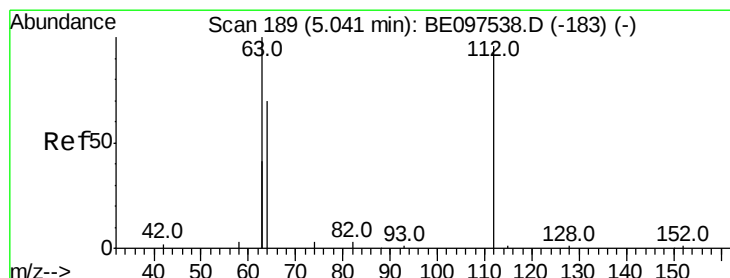
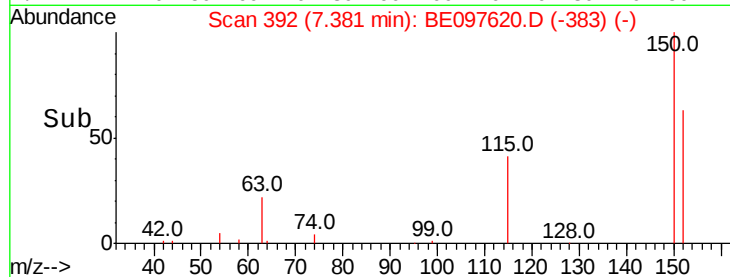
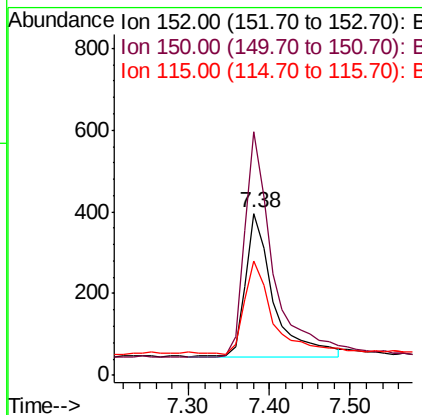
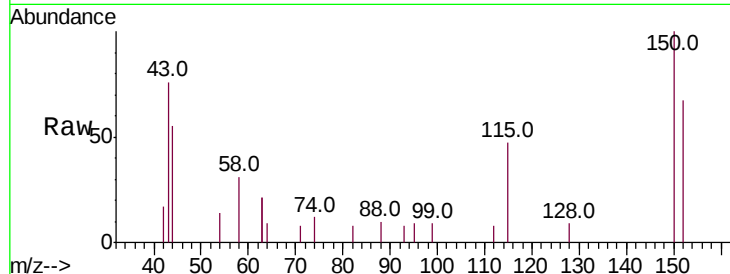
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097620.D
Acq: 21 Sep 2018 20:22

Instrument :
BNA_E
ClientSampleId :
PB112884BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	117.2	175.8
115	70.8	57.0	85.6

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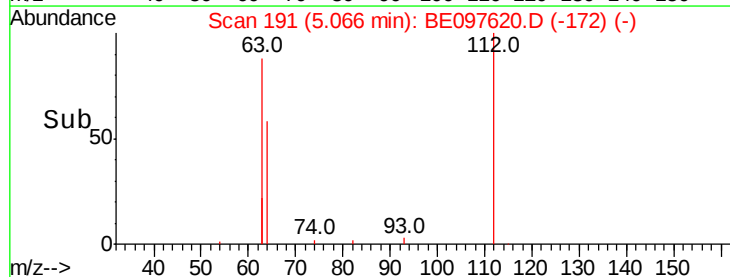
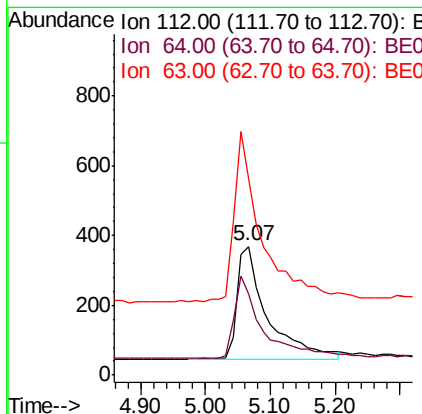
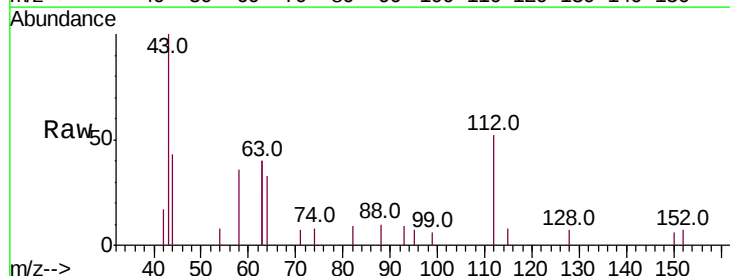
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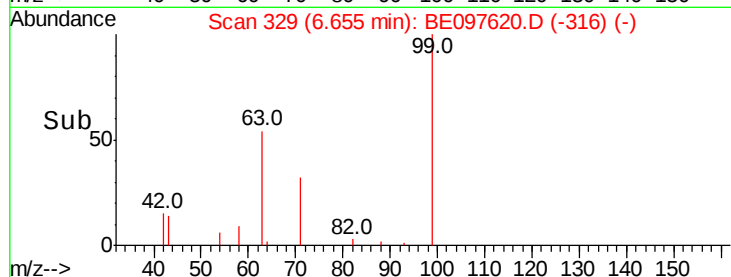
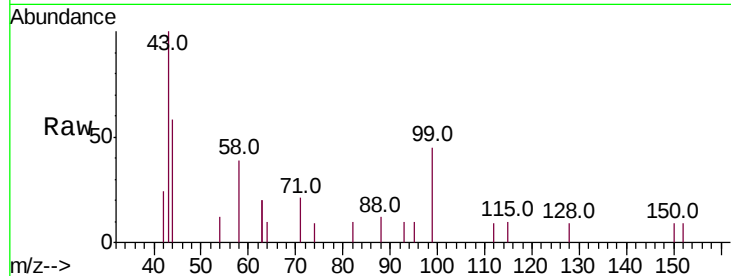
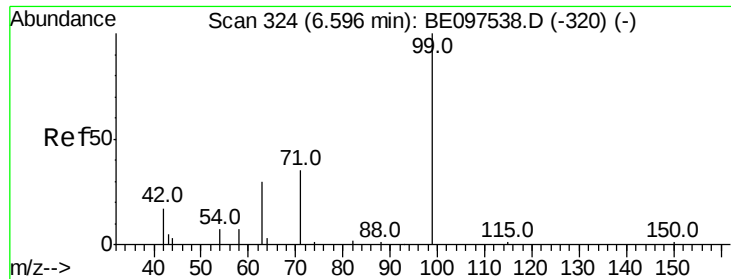


#4

2-Fluorophenol
Concen: 0.417 ng
RT: 5.07 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097620.D
Acq: 21 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	60.1	90.1
63	135.1	116.8	175.2





#5

Phenol-d6

Concen: 0.419 ng/ml

RT: 6.66 min Scan# 329

Delta R.T. 0.05 min

Lab File: BE097620.D

Acq: 21 Sep 2018 20:22

Tot Ion	Ratio	Lower	Upper
99	100		
42	8.4	20.2	30.2#
71	13.3	28.4	42.6#

Instrument :

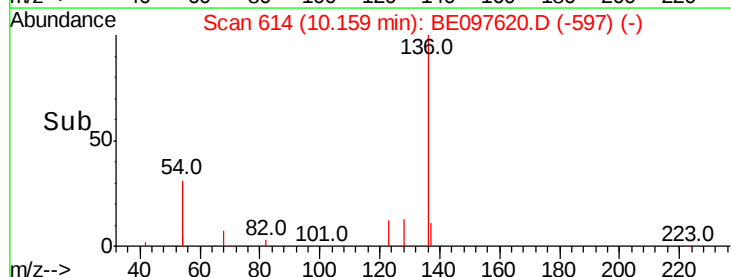
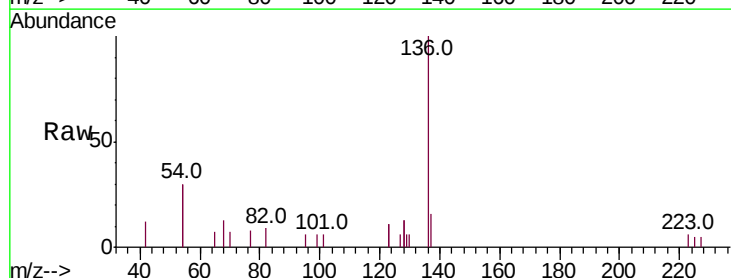
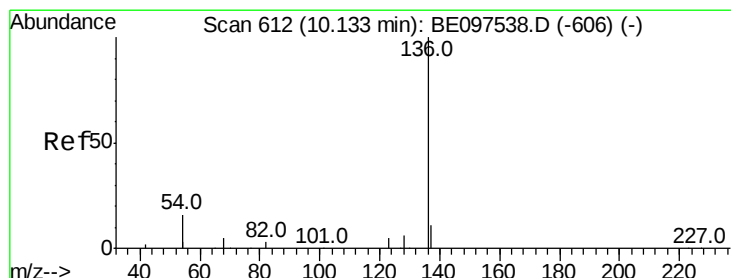
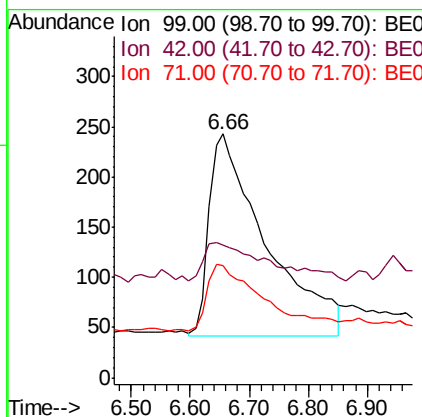
BNA_E

ClientSampleId :

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#7

Naphthalene-d8

Concen: 0.400 ng/ml

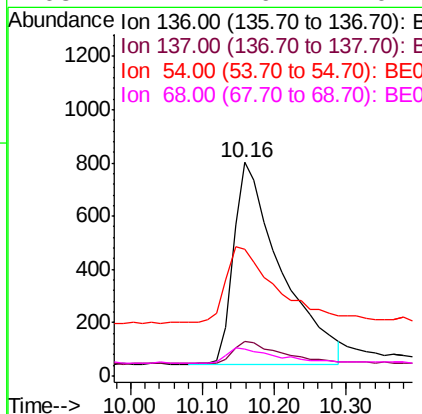
RT: 10.16 min Scan# 614

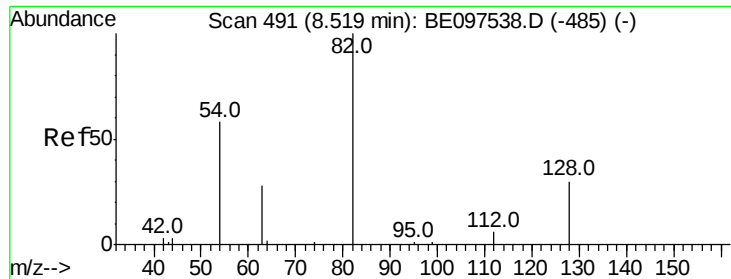
Delta R.T. 0.03 min

Lab File: BE097620.D

Acq: 21 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
136	100		
137	16.1	9.5	14.3#
54	59.1	29.1	43.7#
68	12.7	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.345 ng m

RT: 8.59 min Scan# 497

Delta R.T. 0.06 min

Lab File: BE097620.D

Acq: 21 Sep 2018 20:22

Instrument :

BNA_E

ClientSampleId :

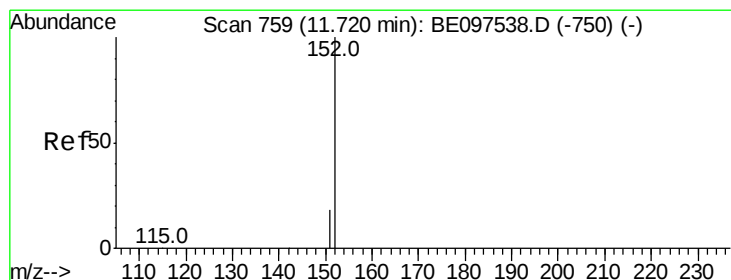
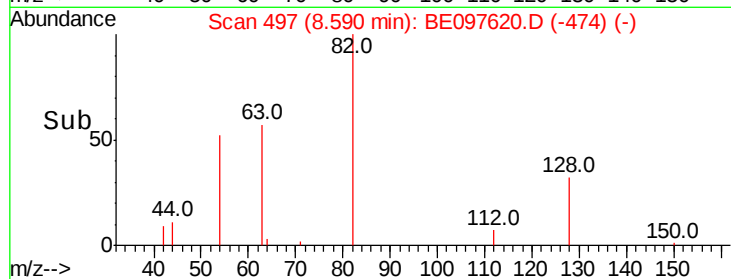
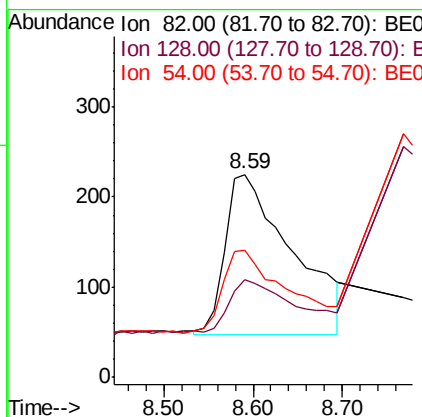
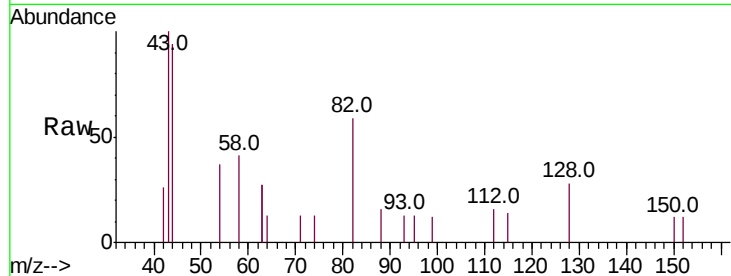
PB112884BL

Tot Ion:	82	Resp:	930
Ion	Ratio	Lower	Upper
82	100		
128	48.0	24.0	36.0#
54	62.7	40.0	60.0#

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#11

2-Methylnaphthalene-d10

Concen: 0.436 ng

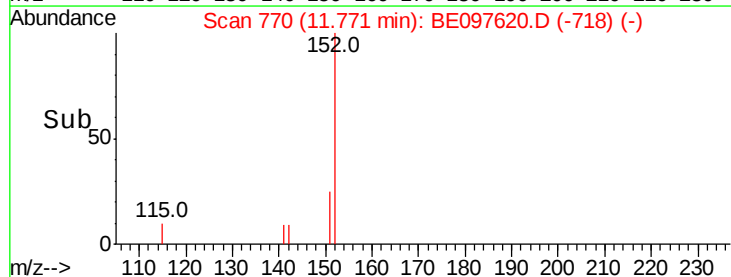
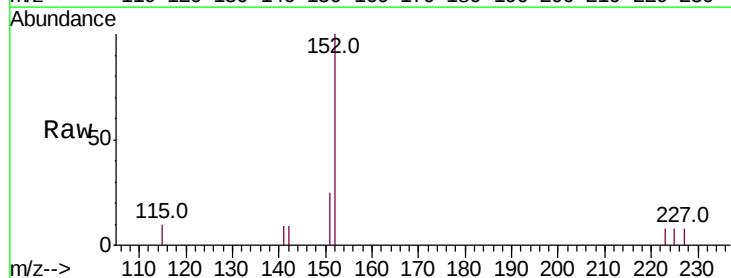
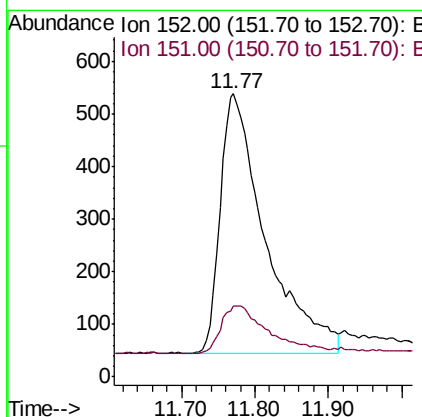
RT: 11.77 min Scan# 770

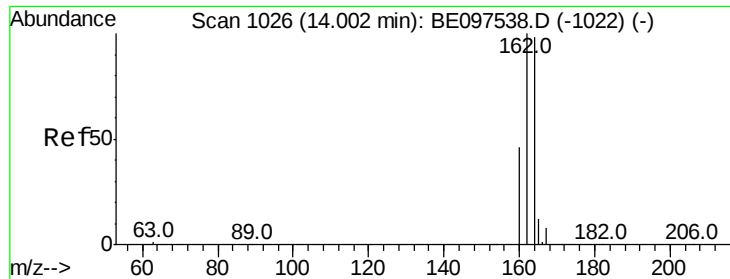
Delta R.T. 0.06 min

Lab File: BE097620.D

Acq: 21 Sep 2018 20:22

Tgt Ion:	152	Resp:	2097
Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0





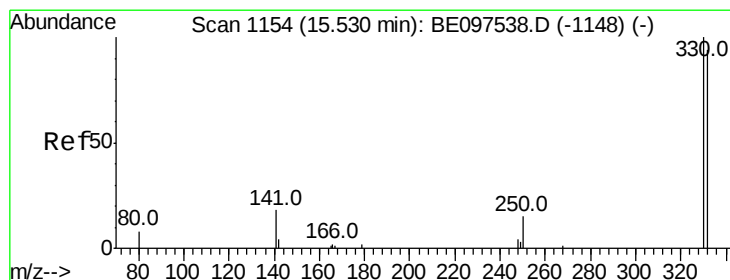
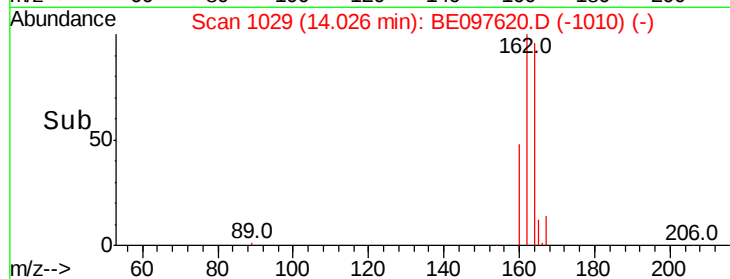
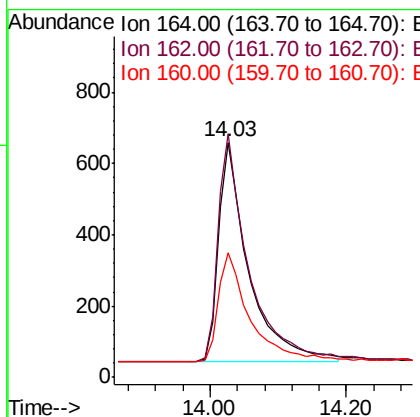
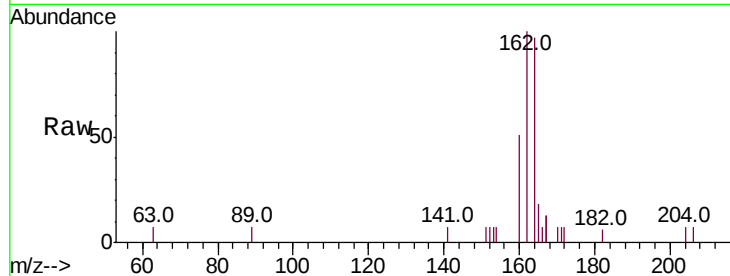
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1029
 Delta R.T. 0.02 min
 Lab File: BE097620.D
 Acq: 21 Sep 2018 20:22

Instrument :
 BNA_E
 ClientSampleId :
 PB112884BL

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.1	124.7
160	53.2	37.1	55.7

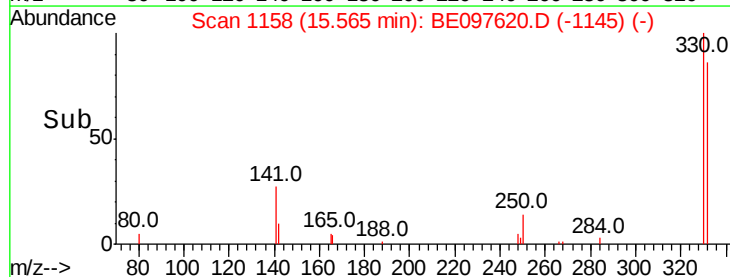
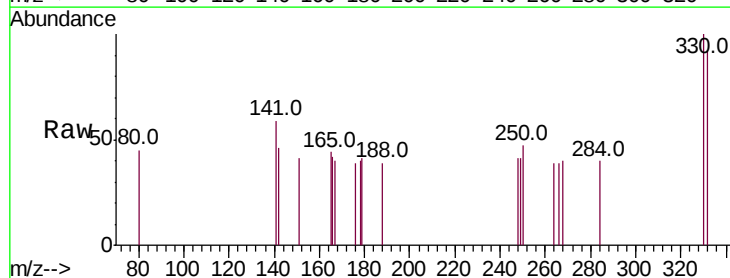
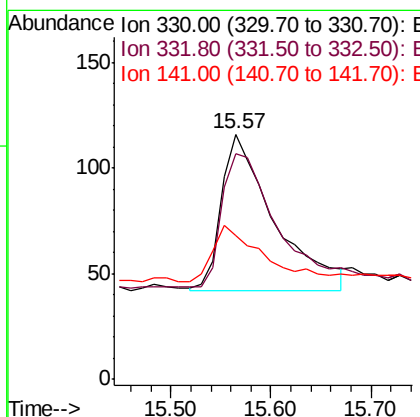
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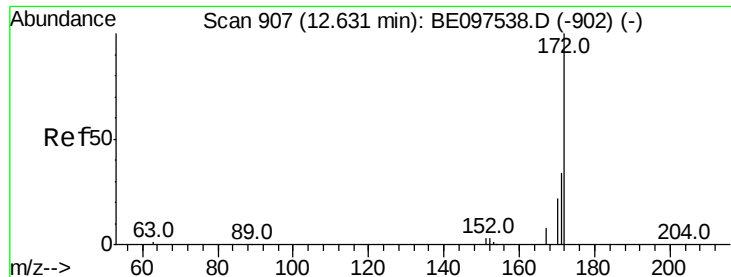
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#14
 2,4,6-Tribromophenol
 Concen: 0.387 ng m
 RT: 15.57 min Scan# 1158
 Delta R.T. 0.05 min
 Lab File: BE097620.D
 Acq: 21 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	67.3	152.7	229.1#
141	28.7	33.7	50.5#





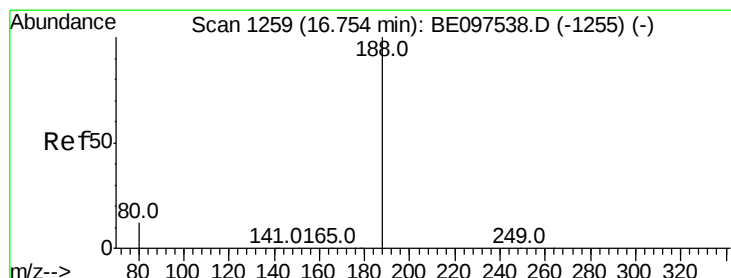
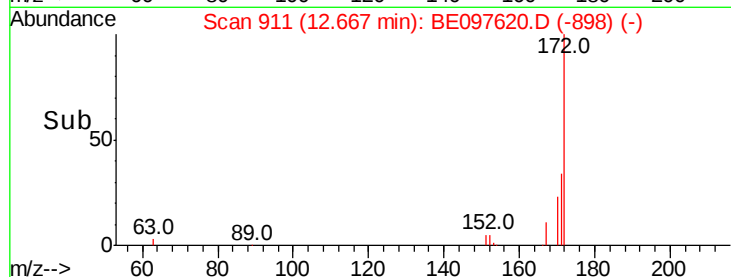
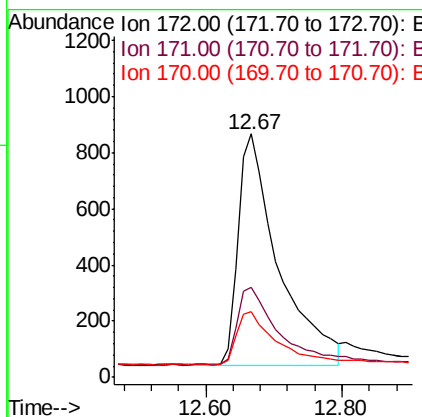
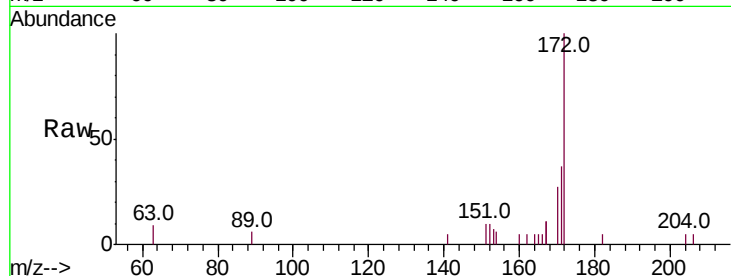
#15
2-Fluorobiphenyl
Concen: 0.499 ng
RT: 12.67 min Scan# 911
Delta R.T. 0.05 min
Lab File: BE097620.D
Acq: 21 Sep 2018 20:22

Instrument :
BNA_E
ClientSampleId :
PB112884BL

Tot Ion:	172	Resp:	3353
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.9	44.9
170	26.9	21.8	32.8

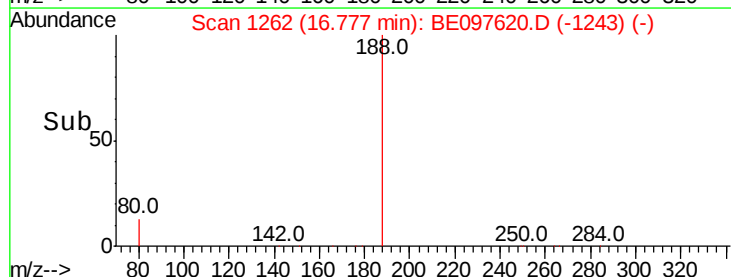
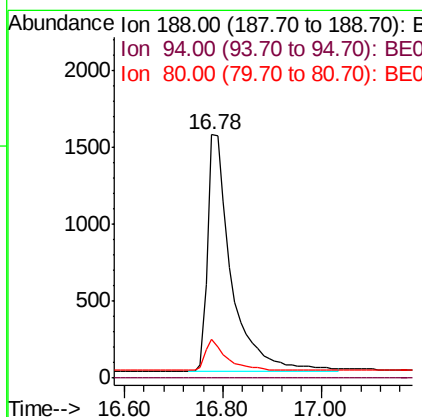
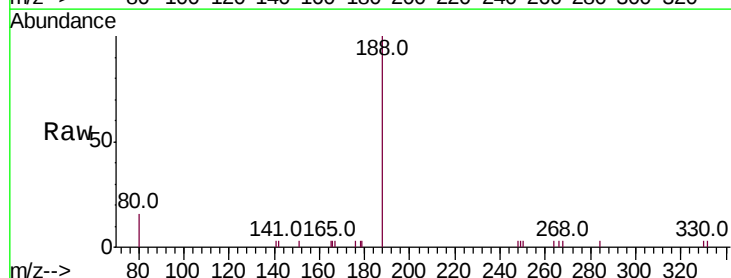
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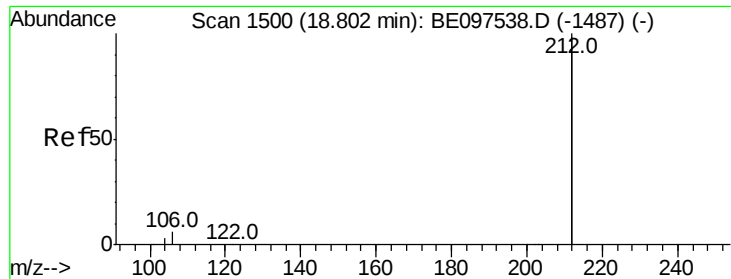
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.02 min
Lab File: BE097620.D
Acq: 21 Sep 2018 20:22

Tgt Ion:	188	Resp:	5169
Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.7	3.6	5.4#





#25

Fluoranthene-d10

Concen: 0.441 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097620.D

Acq: 21 Sep 2018 20:22

Instrument :

BNA_E

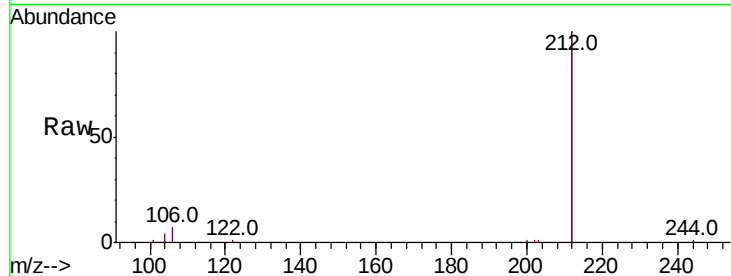
ClientSampleId :

PB112884BL

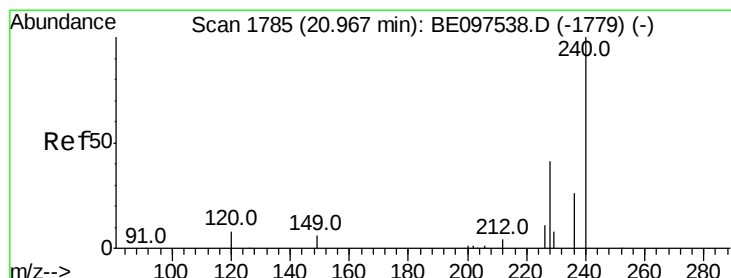
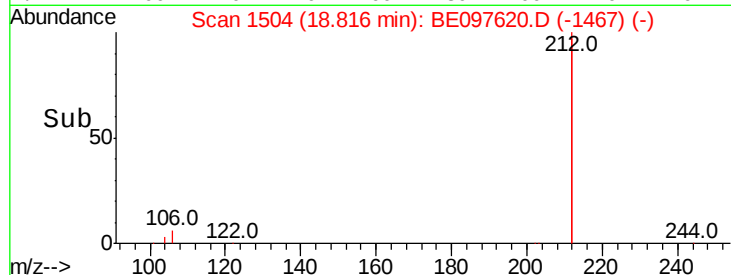
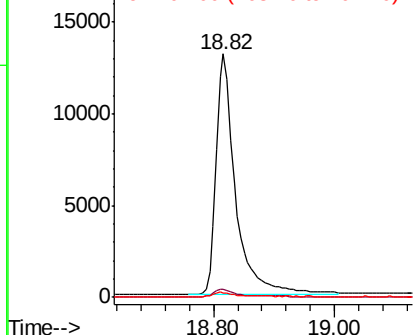
Tot Ion:	212	Resp:	29189
Ion Ratio	Lower	Upper	
212	100		
106	3.3	2.8	4.2
104	1.7	1.6	2.4

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

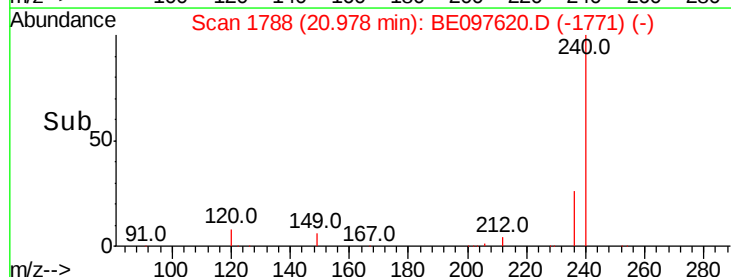
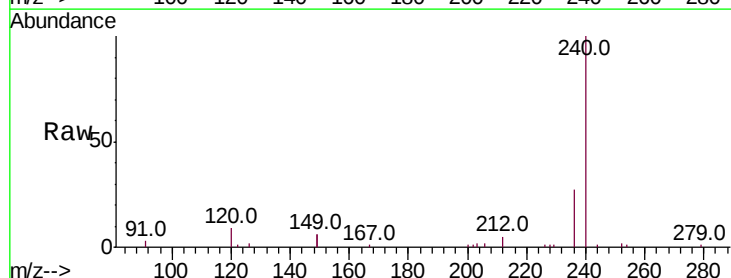
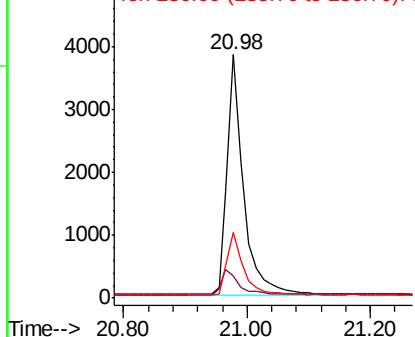
Delta R.T. 0.01 min

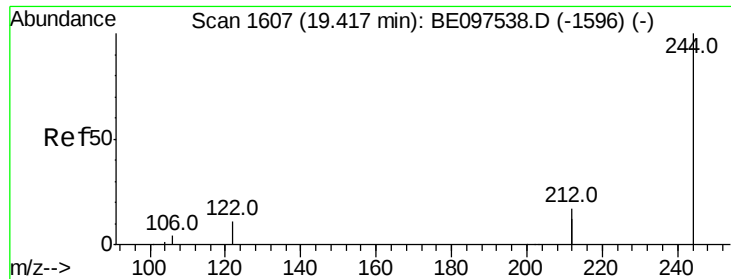
Lab File: BE097620.D

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Tgt Ion:	240	Resp:	7129
Ion Ratio	Lower	Upper	
240	100		
120	9.2	5.5	8.3#
236	27.2	20.7	31.1

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





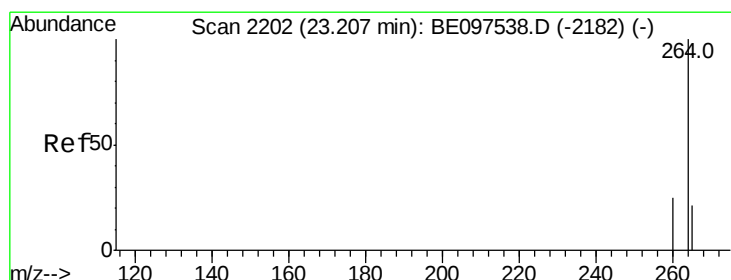
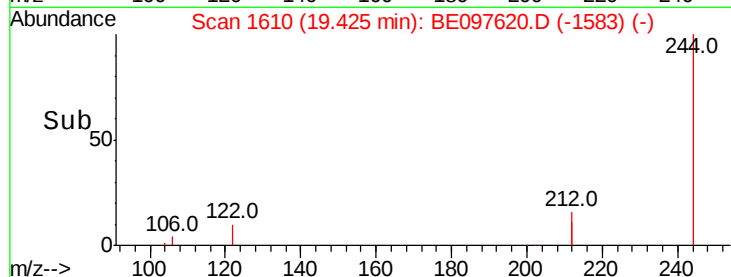
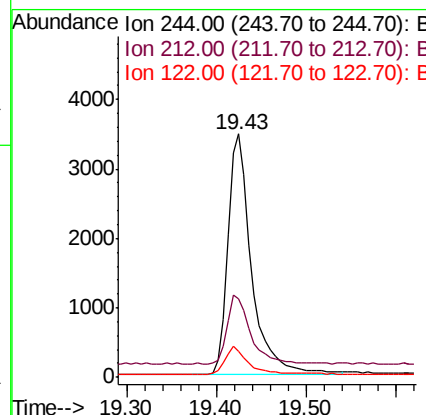
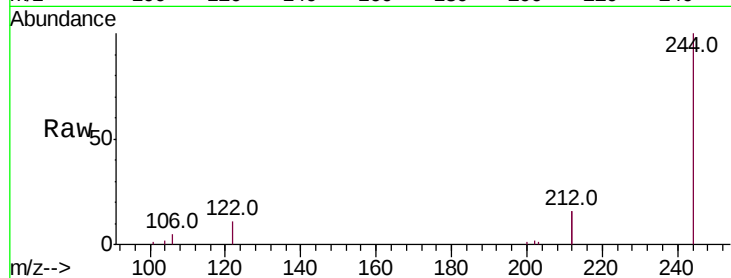
#29
 Terphenyl-d14
 Concen: 0.484 ng
 RT: 19.43 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BE097620.D
 Acq: 21 Sep 2018 20:22

Instrument :
 BNA_E
 ClientSampleId :
 PB112884BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	32.5	25.4	38.0
122	10.9	8.1	12.1

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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. 0.01 min
 Lab File: BE097620.D
 Acq: 21 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	30.1	22.8	34.2

