

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092420\
 Data File : BN011939.D
 Acq On : 25 Sep 2020 07:41
 Operator : CG/JU
 Sample : L4082-21DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 25 08:54:24 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 23 18:41:41 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

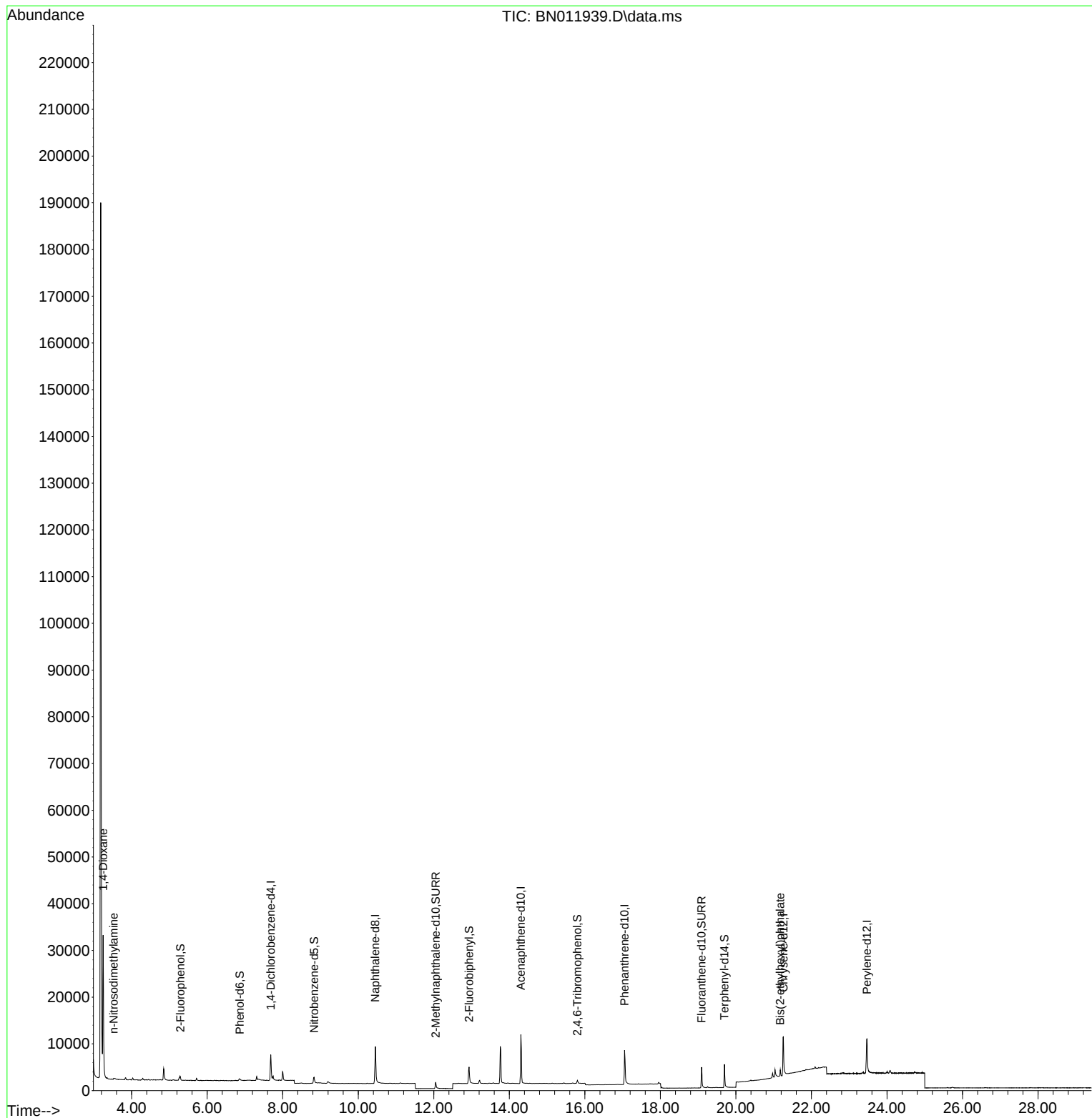
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.683	152	2744	0.40	ng	0.00
7) Naphthalene-d8	10.453	136	11640	0.40	ng	#-0.01
13) Acenaphthene-d10	14.306	164	6400	0.40	ng	-0.01
19) Phenanthrene-d10	17.053	188	12752	0.40	ng	#-0.01
29) Chrysene-d12	21.258	240	11439	0.40	ng	#-0.01
36) Perylene-d12	23.467	264	11528	0.40	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	628	0.07	ng	0.00
5) Phenol-d6	6.861	99	374	0.03	ng	0.00
8) Nitrobenzene-d5	8.830	82	1582	0.13	ng	0.00
11) 2-Methylnaphthalene-d10	12.051	152	2365	0.13	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	572	0.18	ng	-0.01
15) 2-Fluorobiphenyl	12.936	172	3780	0.16	ng	0.00
27) Fluoranthene-d10	19.092	212	5768	0.15	ng	0.00
31) Terphenyl-d14	19.697	244	5806	0.22	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.245	88	16301	3.41	ng	Qvalue 95
3) n-Nitrosodimethylamine	3.527	42	167	0.02	ng	# 22
34) Bis(2-ethylhexyl)phtha...	21.173	149	1204	0.05	ng	92

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

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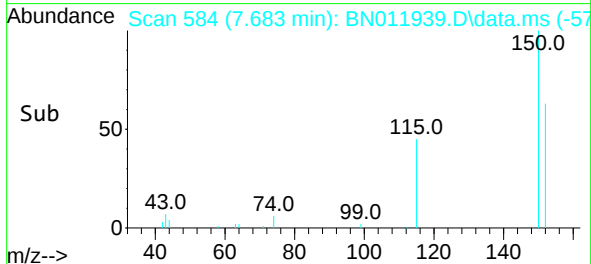
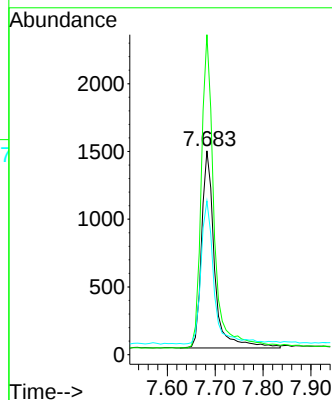
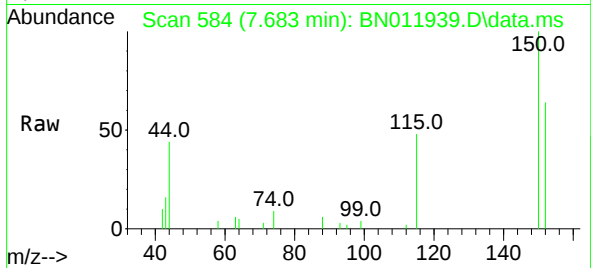




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.683 min Scan# 584
 Delta R.T. -0.008 min
 Lab File: BN011939.D
 Acq: 25 Sep 2020 07:41

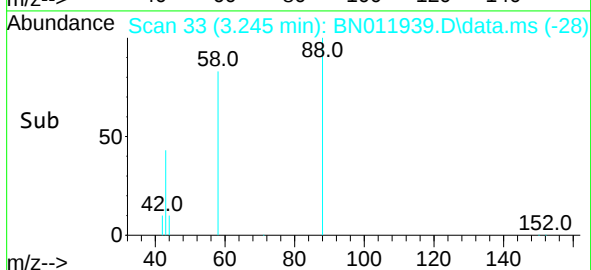
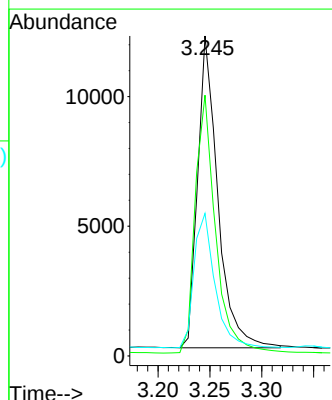
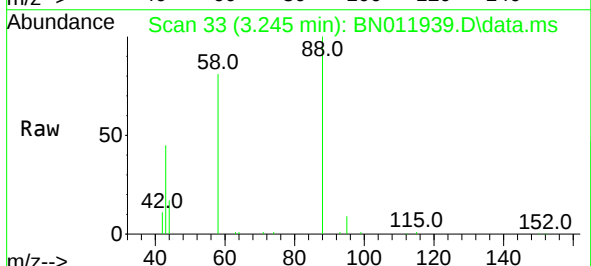
Instrument :
 BNA_N
 ClientSampled :

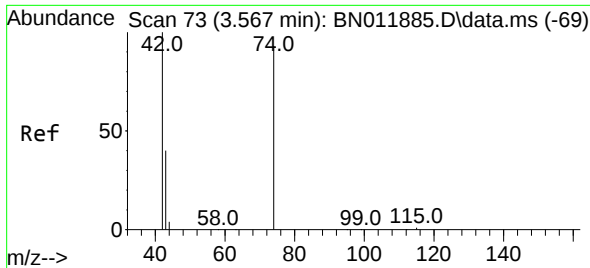
Tgt Ion:152 Resp: 2744
 Ion Ratio Lower Upper
 152 100
 150 157.0 118.3 177.5
 115 75.5 51.3 76.9



#2
 1,4-Dioxane
 Concen: 3.41 ng
 RT: 3.245 min Scan# 33
 Delta R.T. -0.008 min
 Lab File: BN011939.D
 Acq: 25 Sep 2020 07:41

Tgt Ion: 88 Resp: 16301
 Ion Ratio Lower Upper
 88 100
 58 83.1 63.3 94.9
 43 44.7 33.0 49.4

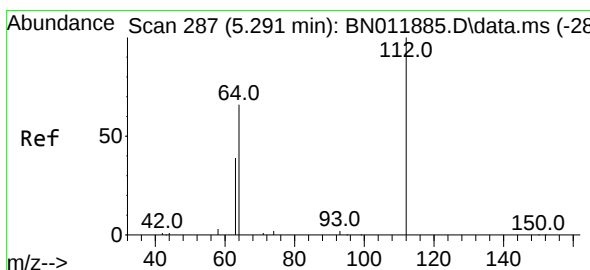
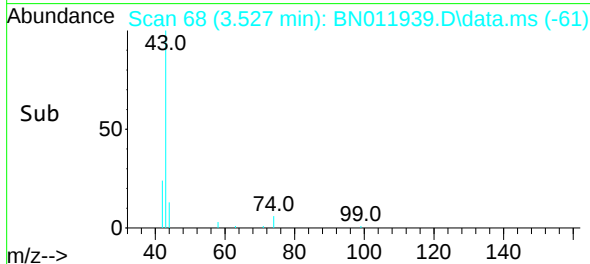
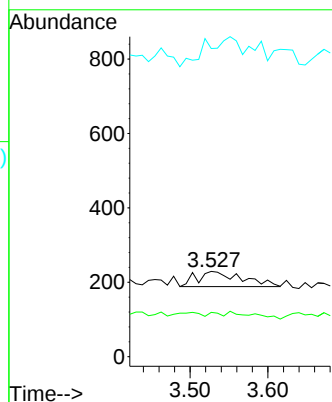
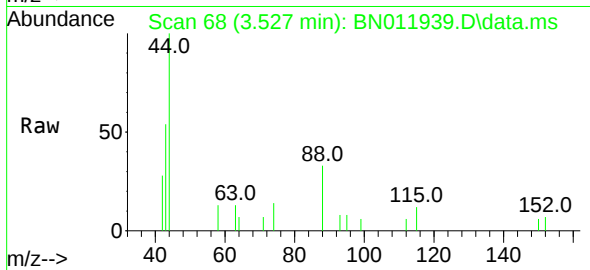




#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.527 min Scan# 68
Delta R.T. -0.040 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

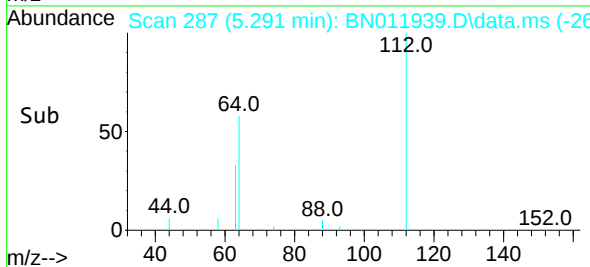
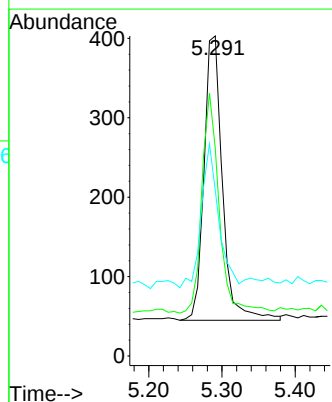
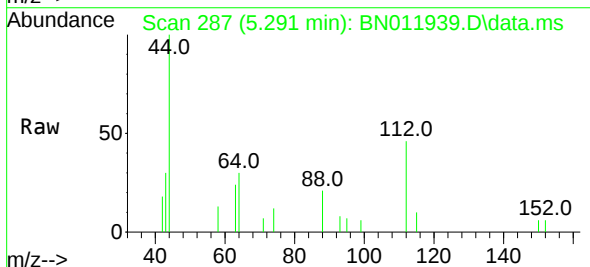
Instrument :
BNA_N
ClientSampleId :

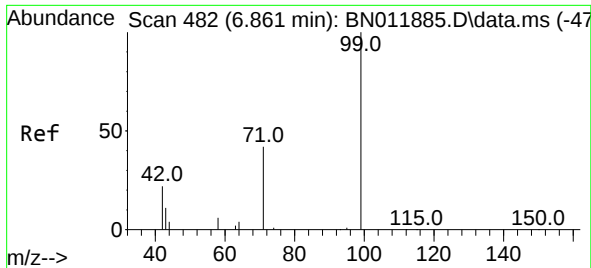
Tgt Ion: 42 Resp: 167
Ion Ratio Lower Upper
42 100
74 6.0 64.4 96.6#
44 0.0 6.7 10.1#



#4
2-Fluorophenol
Concen: 0.07 ng
RT: 5.291 min Scan# 287
Delta R.T. -0.000 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

Tgt Ion: 112 Resp: 628
Ion Ratio Lower Upper
112 100
64 72.9 49.0 73.6
63 47.8 31.8 47.6#

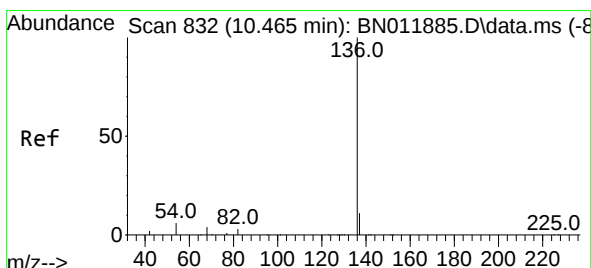
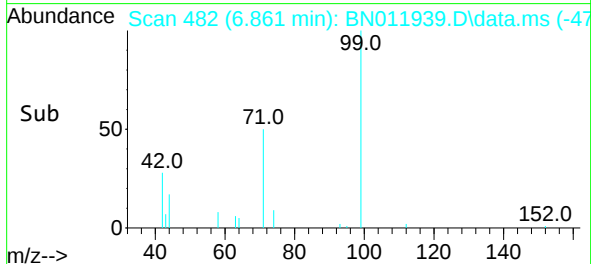
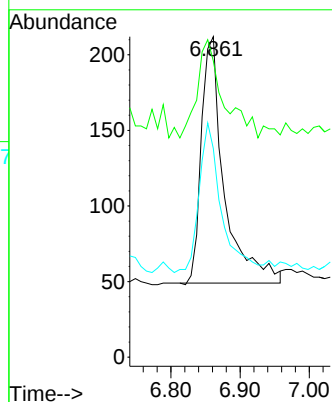
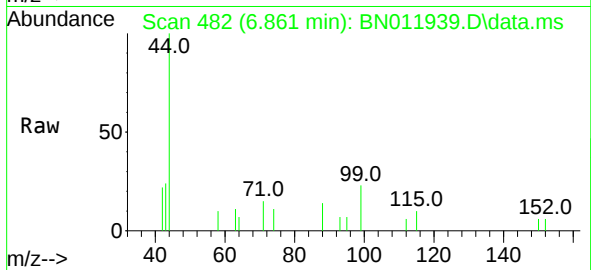




#5
Phenol-d6
Concen: 0.03 ng
RT: 6.861 min Scan# 482
Delta R.T. -0.000 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

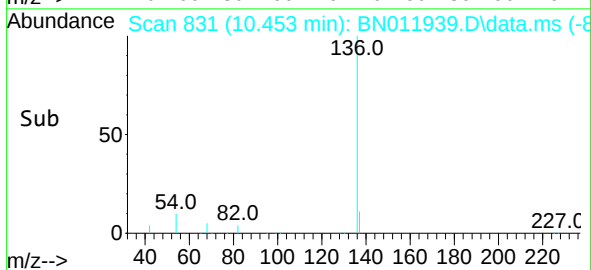
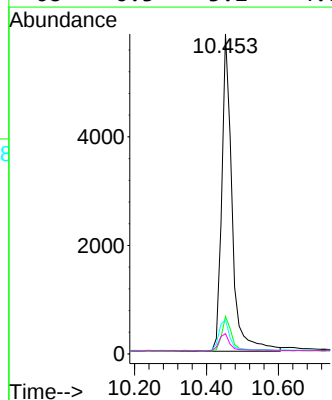
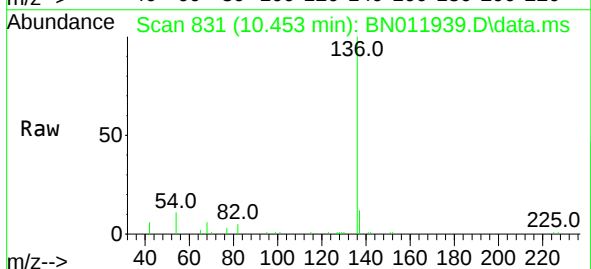
Instrument :
BNA_N
ClientSampleId :

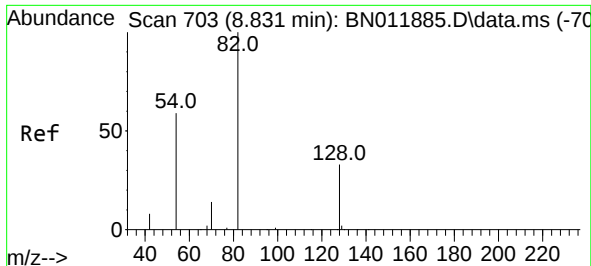
Tgt Ion: 99 Resp: 374
Ion Ratio Lower Upper
99 100
42 45.2 23.4 35.0#
71 58.3 38.1 57.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.453 min Scan# 831
Delta R.T. -0.013 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

Tgt Ion: 136 Resp: 11640
Ion Ratio Lower Upper
136 100
137 11.7 9.5 14.3
54 10.7 5.6 8.4#
68 6.3 3.2 4.8#

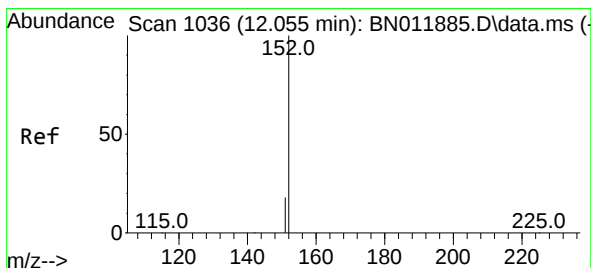
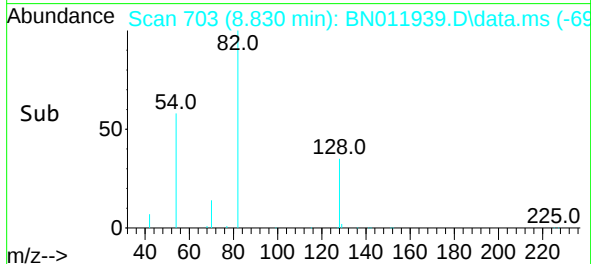
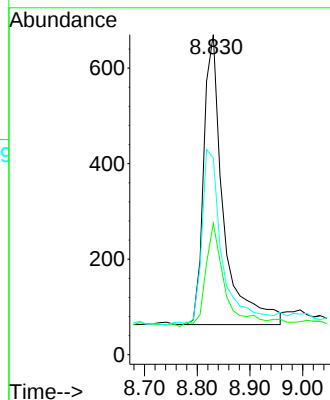
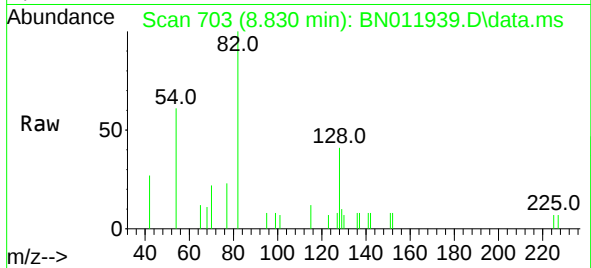




#8
Nitrobenzene-d5
Concen: 0.13 ng
RT: 8.830 min Scan# 703
Delta R.T. -0.000 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

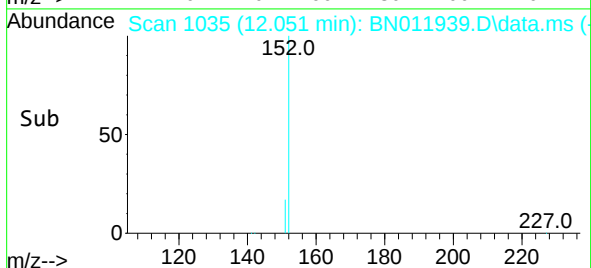
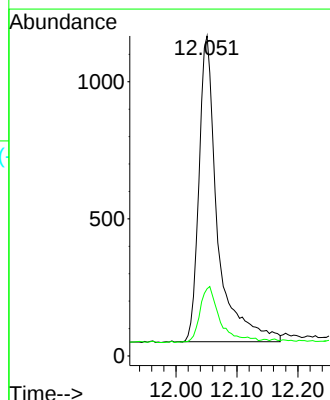
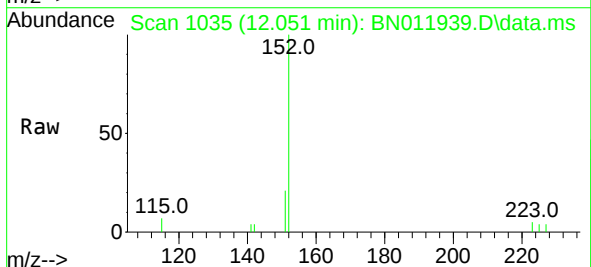
Instrument :
BNA_N
ClientSampleId :

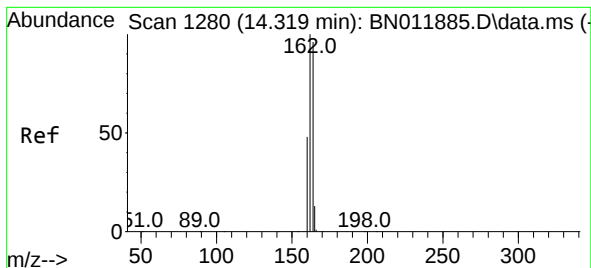
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.2	51.2
54	61.5	43.1	64.7



#11
2-Methylnaphthalene-d10
Concen: 0.13 ng
RT: 12.051 min Scan# 1035
Delta R.T. -0.004 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.7	25.1





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.306 min Scan# 1279

Delta R.T. -0.013 min

Lab File: BN011939.D

Acq: 25 Sep 2020 07:41

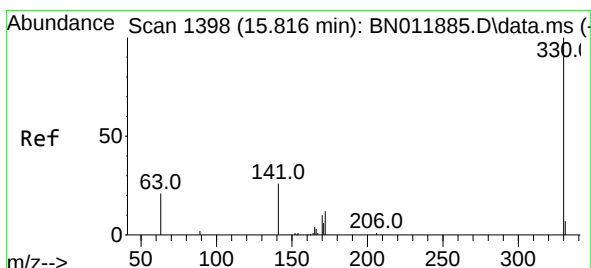
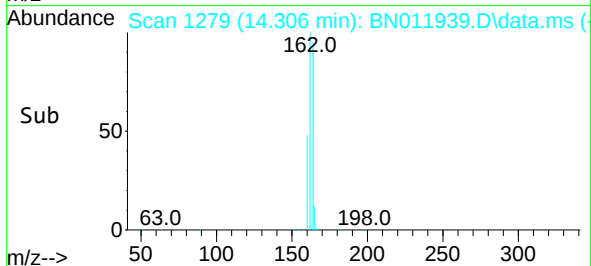
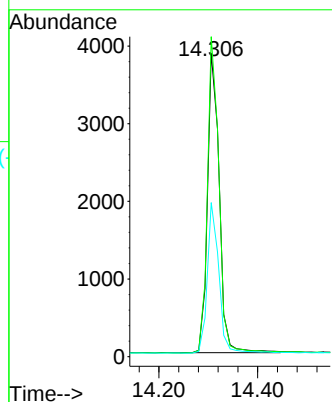
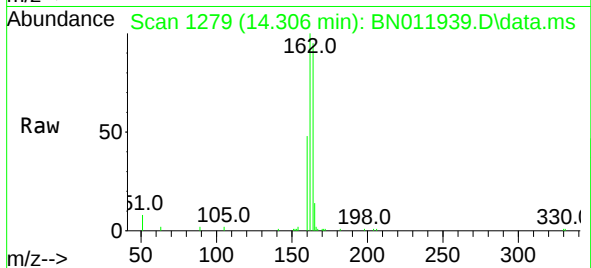
Tgt Ion:164 Resp: 6400

Ion Ratio Lower Upper

164 100

162 105.5 83.6 125.4

160 50.8 41.2 61.8



#14

2,4,6-Tribromophenol

Concen: 0.18 ng

RT: 15.803 min Scan# 1397

Delta R.T. -0.013 min

Lab File: BN011939.D

Acq: 25 Sep 2020 07:41

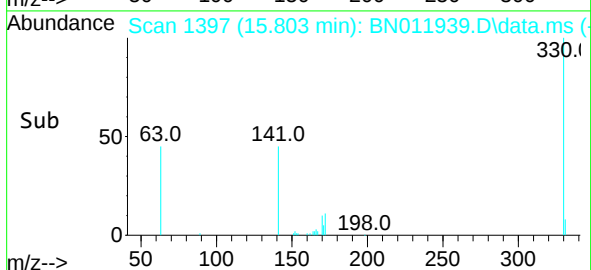
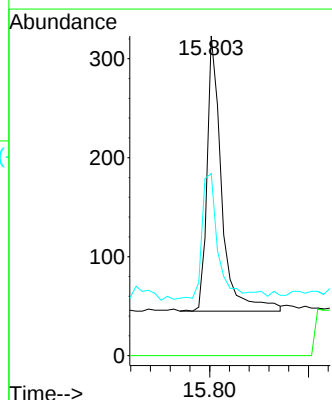
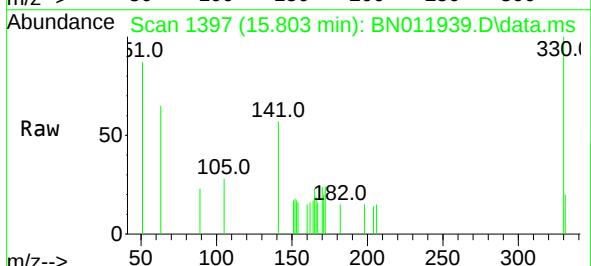
Tgt Ion:330 Resp: 572

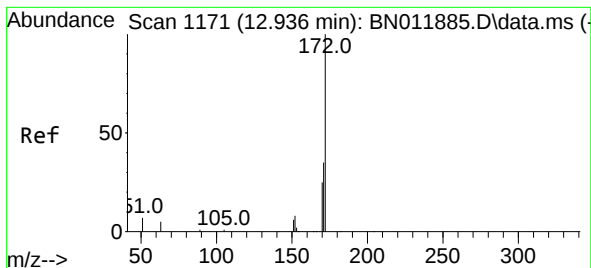
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 50.5 33.7 50.5#

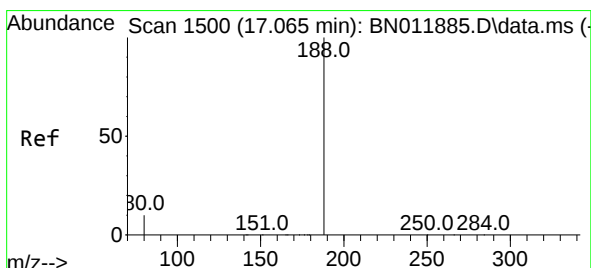
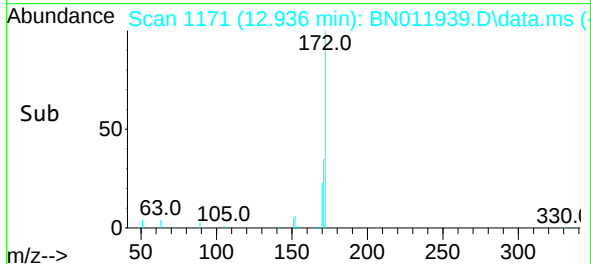
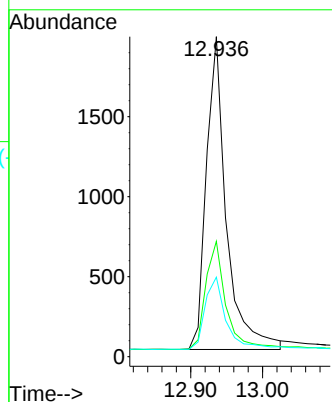
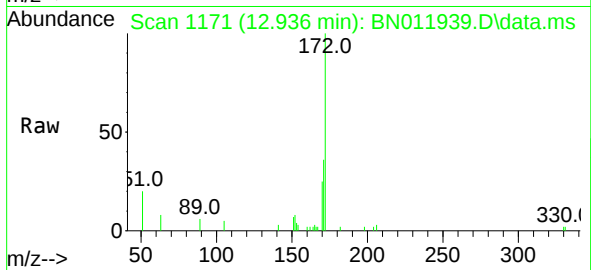




#15
2-Fluorobiphenyl
Concen: 0.16 ng
RT: 12.936 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

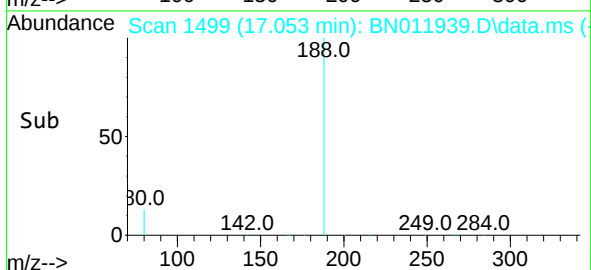
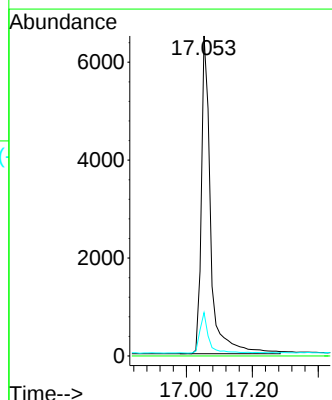
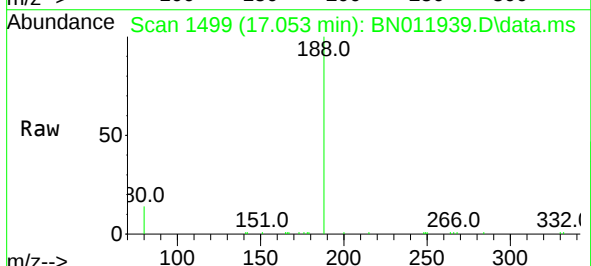
Instrument :
BNA_N
ClientSampleId :

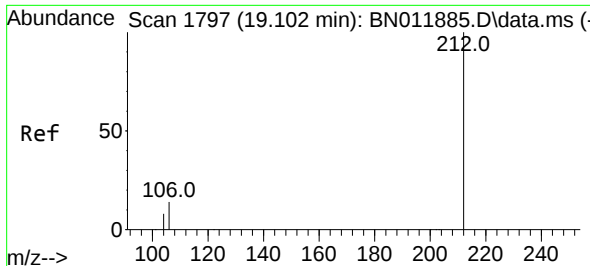
Tgt Ion:	172	Resp:	3780
Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.4	41.2
170	24.8	17.8	26.6



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

Tgt Ion:	188	Resp:	12752
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	7.7	11.5

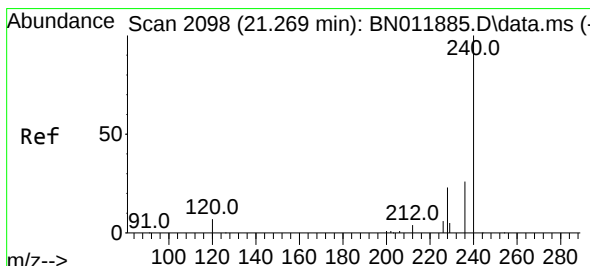
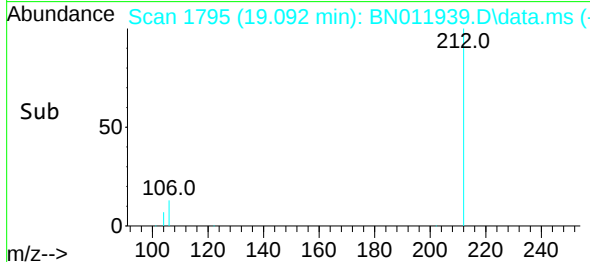
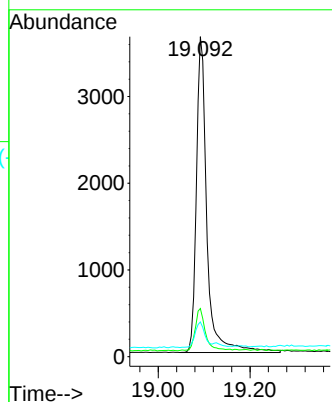
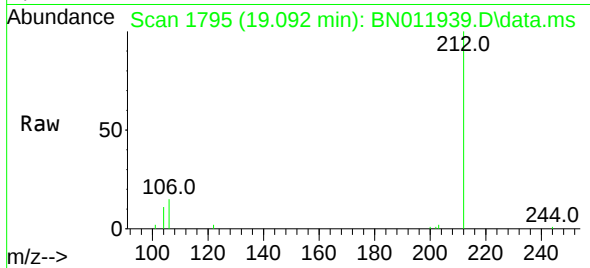




#27
Fluoranthene-d10
Concen: 0.15 ng
RT: 19.092 min Scan# 1795
Delta R.T. -0.010 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

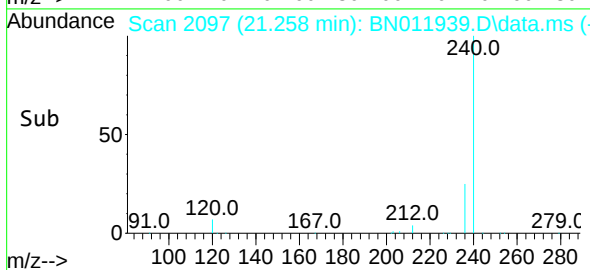
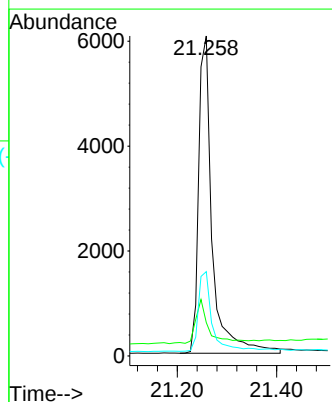
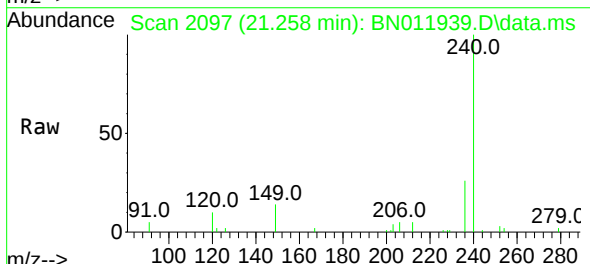
Instrument :
BNA_N
ClientSampleId :

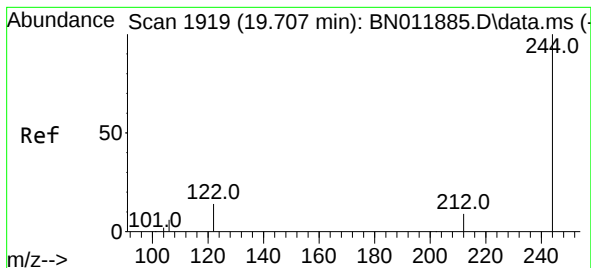
Tgt Ion:212 Resp: 5768
Ion Ratio Lower Upper
212 100
106 13.1 6.4 9.6#
104 7.6 3.9 5.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.258 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

Tgt Ion:240 Resp: 11439
Ion Ratio Lower Upper
240 100
120 10.4 3.5 5.3#
236 26.4 20.5 30.7

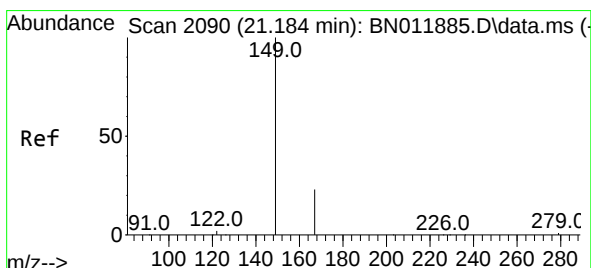
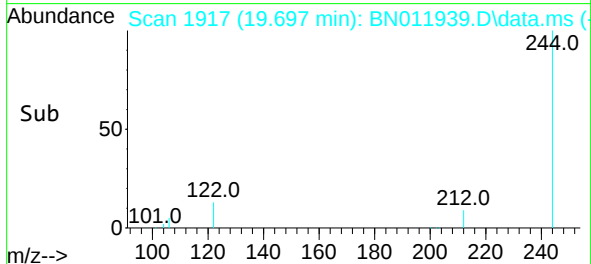
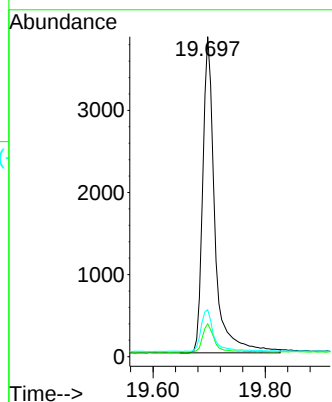
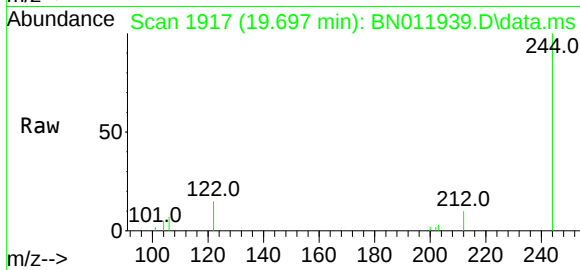




#31
 Terphenyl-d14
 Concen: 0.22 ng
 RT: 19.697 min Scan# 1917
 Delta R.T. -0.010 min
 Lab File: BN011939.D
 Acq: 25 Sep 2020 07:41

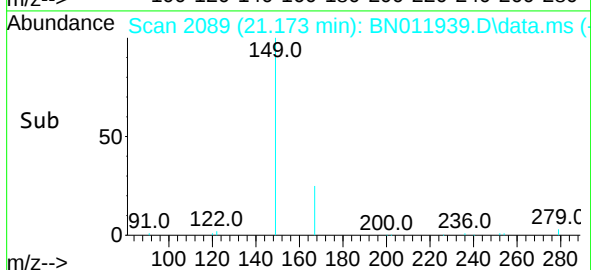
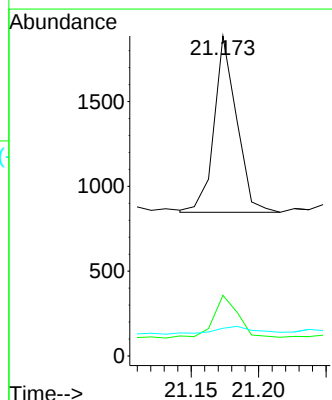
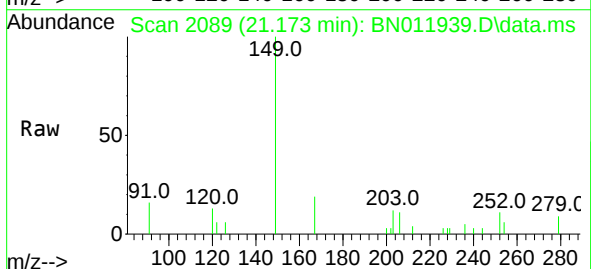
Instrument :
 BNA_N
 ClientSampled :

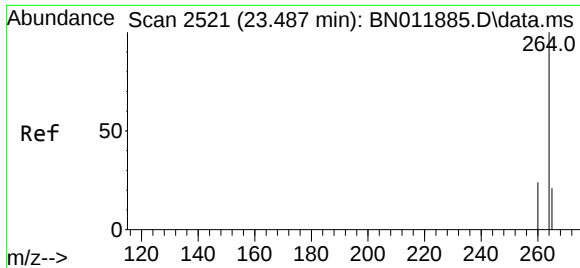
Tgt Ion:244 Resp: 5806
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.3 10.9
 122 14.7 7.8 11.6#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.05 ng
 RT: 21.173 min Scan# 2089
 Delta R.T. -0.011 min
 Lab File: BN011939.D
 Acq: 25 Sep 2020 07:41

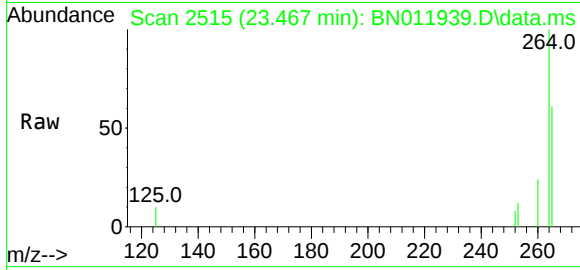
Tgt Ion:149 Resp: 1204
 Ion Ratio Lower Upper
 149 100
 167 24.6 23.6 35.4
 279 5.8 4.0 6.0





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.467 min Scan# 2515
 Delta R.T. -0.021 min
 Lab File: BN011939.D
 Acq: 25 Sep 2020 07:41

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	264	Resp:	11528
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.6	29.4
265	60.5	38.6	58.0#

