

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130605.D
 Acq On : 10 Oct 2022 16:21
 Operator : CG\JU
 Sample : N5046-08RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-8

Quant Time: Oct 11 03:26:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 16:07:40 2022
 Response via : Initial Calibration

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

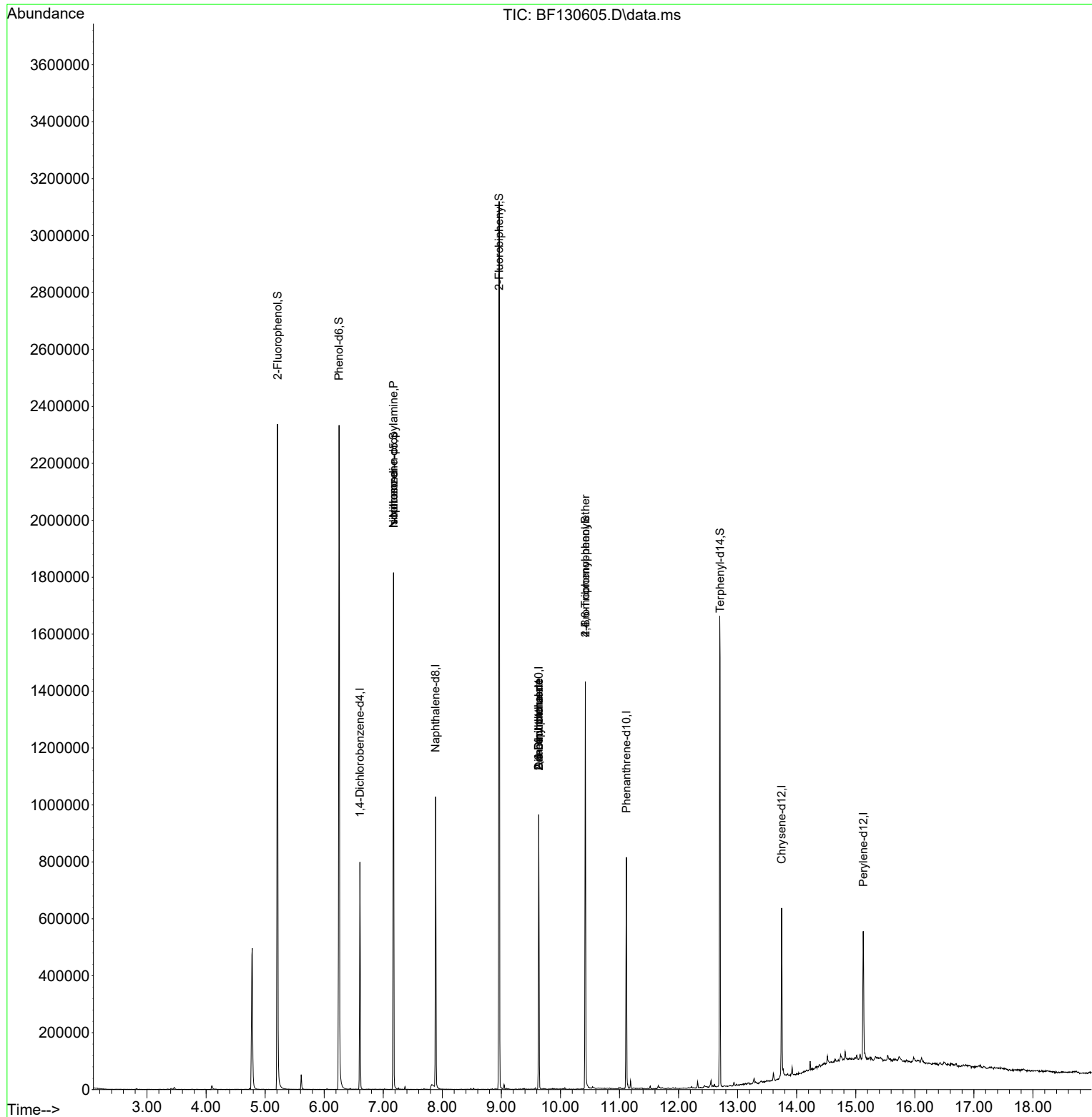
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.604	152	107097	20.000	ng	0.00
21) Naphthalene-d8	7.887	136	406125	20.000	ng	0.00
39) Acenaphthene-d10	9.633	164	176567	20.000	ng	0.00
64) Phenanthrene-d10	11.116	188	262124	20.000	ng	0.00
76) Chrysene-d12	13.745	240	180015	20.000	ng	0.00
86) Perylene-d12	15.127	264	185327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	641930	103.962	ng	0.00
7) Phenol-d6	6.251	99	843743	109.210	ng	0.00
23) Nitrobenzene-d5	7.175	82	526026	66.171	ng	0.00
42) 2,4,6-Tribromophenol	10.422	330	155000	91.616	ng	0.00
45) 2-Fluorobiphenyl	8.963	172	885808	73.055	ng	0.00
79) Terphenyl-d14	12.704	244	566210	52.102	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.175	70	69086	13.252	ng	# 73
25) Isophorone	7.175	82	526022	41.055	ng	# 66
50) Dimethylphthalate	9.633	163	32095	2.631	ng	# 1
51) 2,6-Dinitrotoluene	9.633	165	23007	9.020	ng	# 15
57) 2,4-Dinitrotoluene	9.633	165	23007	7.058	ng	# 15
67) 4-Bromophenyl-phenylether	10.422	248	9260	3.202	ng	# 1

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

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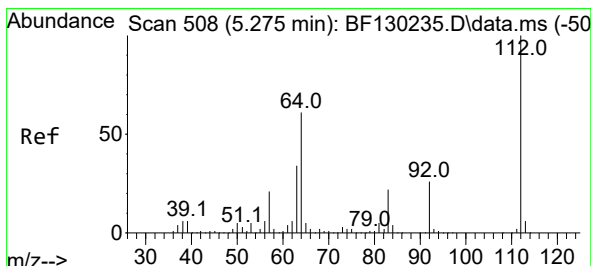
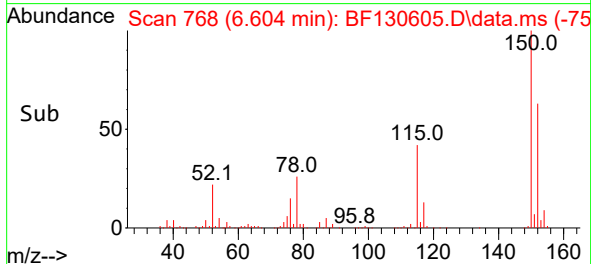
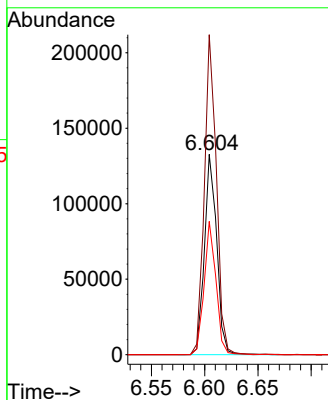
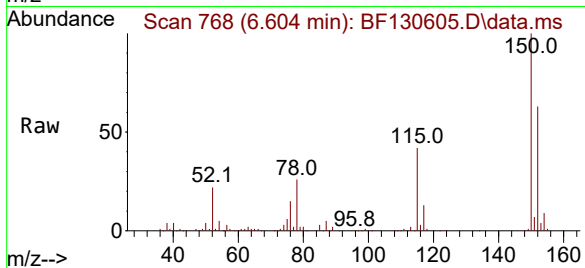




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.604 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

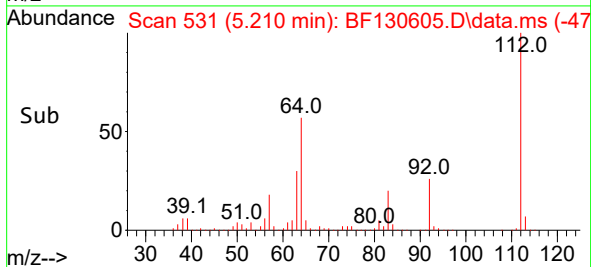
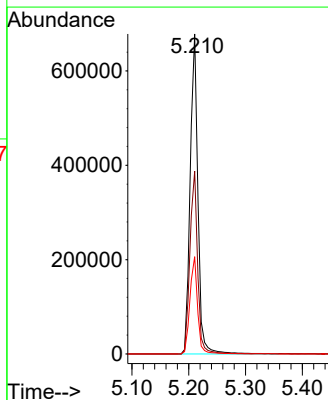
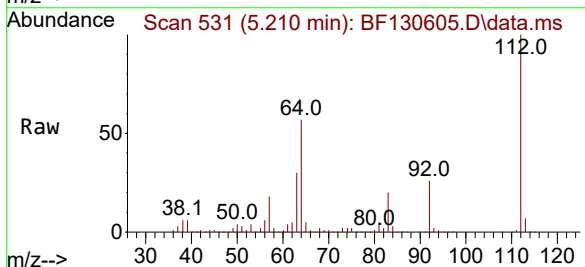
Instrument :
BNA_F
ClientSampleId :
R-8

Tgt Ion:152 Resp: 107097
Ion Ratio Lower Upper
152 100
150 159.8 122.8 184.2
115 66.5 53.8 80.8



#5
2-Fluorophenol
Concen: 103.962 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.006 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

Tgt Ion:112 Resp: 641930
Ion Ratio Lower Upper
112 100
64 57.1 51.4 77.0
63 30.4 28.8 43.2

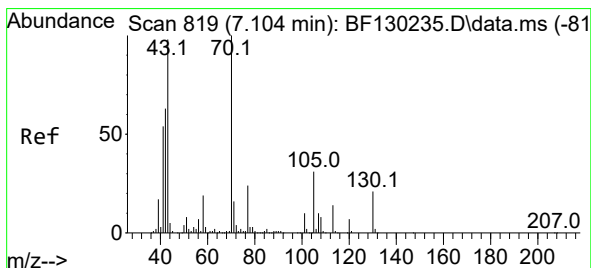
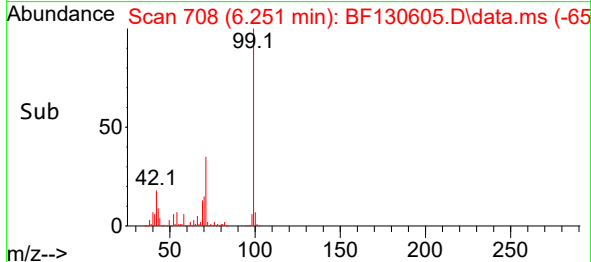
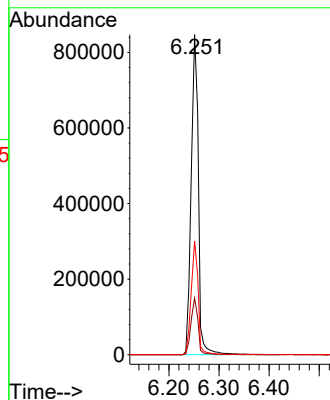
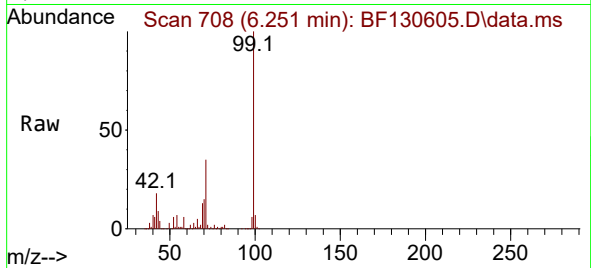




#7
Phenol-d6
Concen: 109.210 ng
RT: 6.251 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

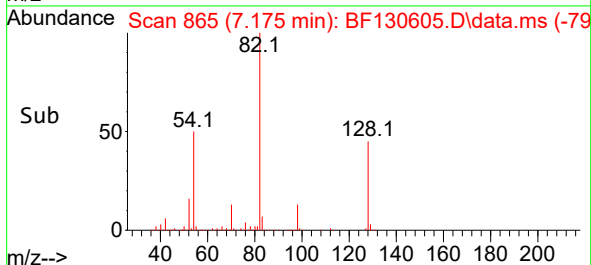
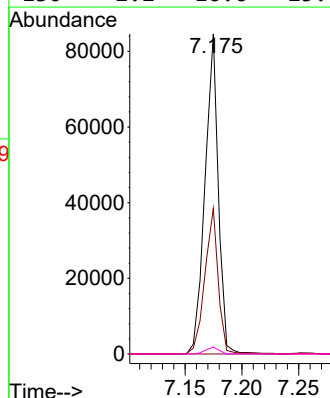
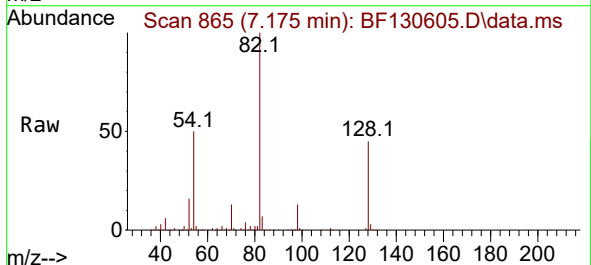
Instrument :
BNA_F
ClientSampleId :
R-8

Tgt Ion: 99 Resp: 843743
Ion Ratio Lower Upper
99 100
42 17.7 17.0 25.6
71 35.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.252 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.141 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

Tgt Ion: 70 Resp: 69086
Ion Ratio Lower Upper
70 100
42 45.5 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#

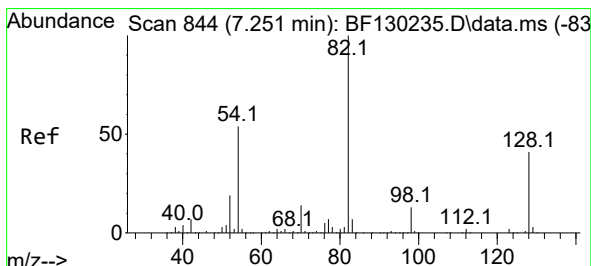
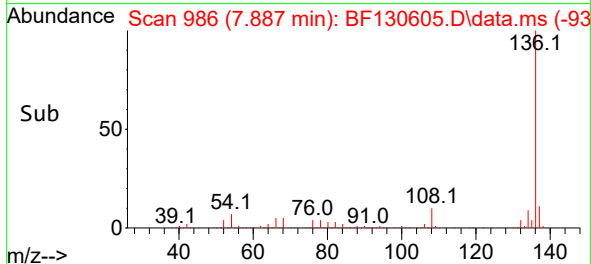
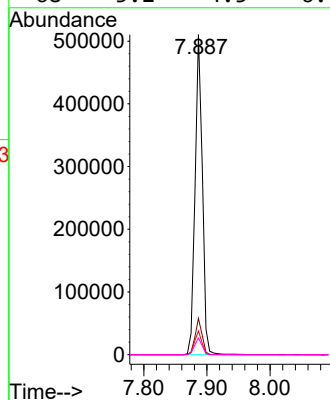
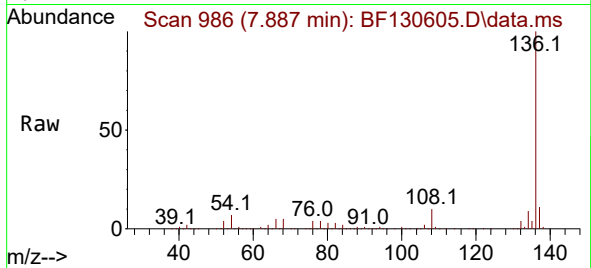




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

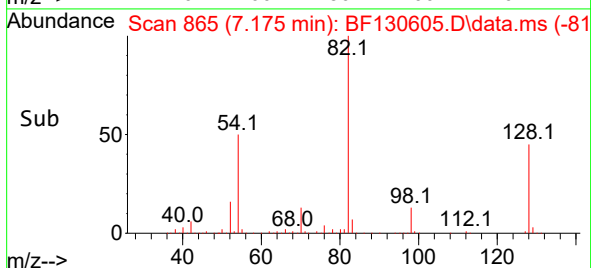
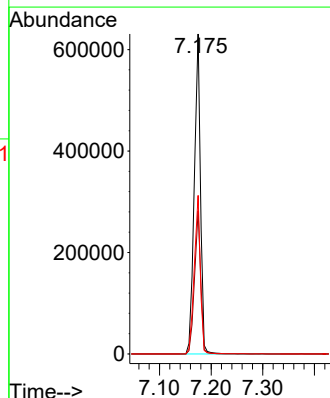
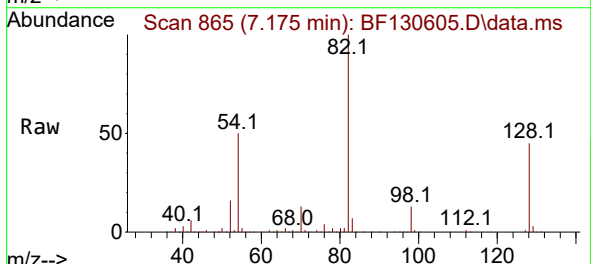
Instrument :
BNA_F
ClientSampleId :
R-8

Tgt Ion	136	Resp:	406125
	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.4	7.1	10.7
68	5.2	4.5	6.7



#23
Nitrobenzene-d5
Concen: 66.171 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

Tgt Ion: 82	Resp: 526026
Ion Ratio	Lower Upper
82 100	
128 44.7	32.6 49.0
54 49.5	43.8 65.6

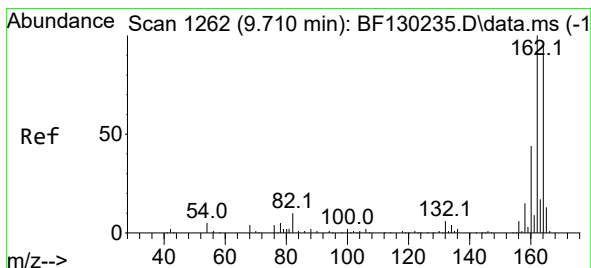
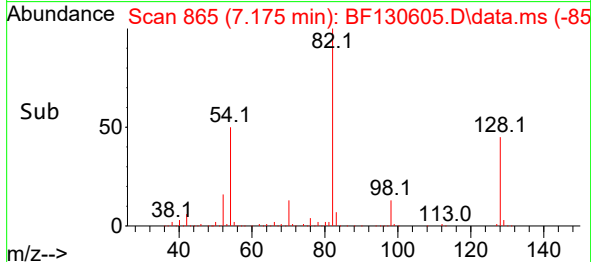
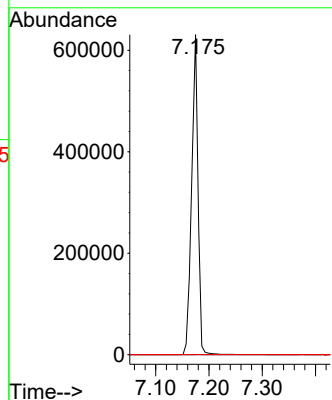
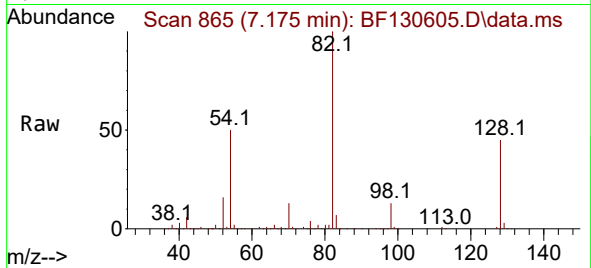




#25
Isophorone
Concen: 41.055 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

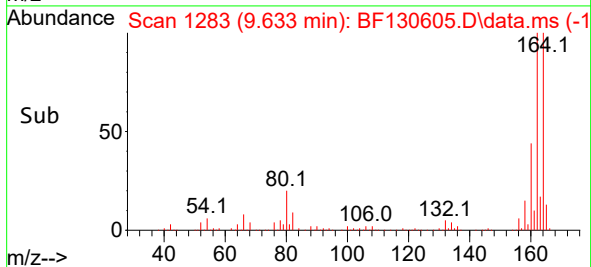
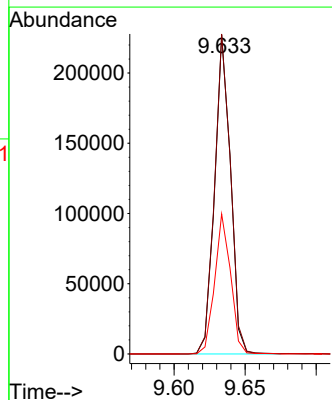
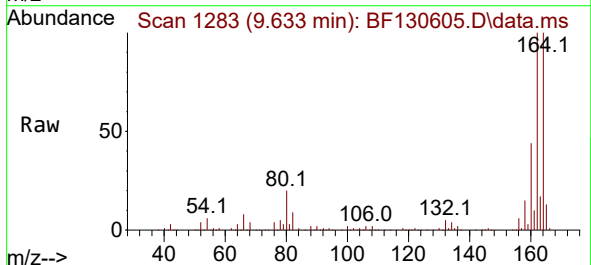
Instrument :
BNA_F
ClientSampleId :
R-8

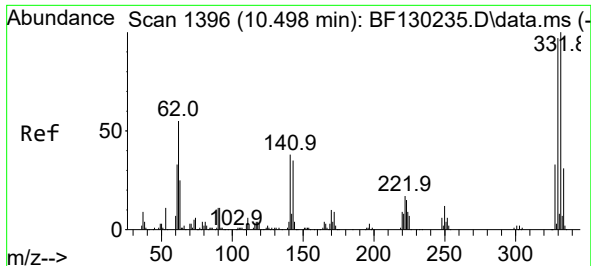
Tgt Ion: 82 Resp: 526022
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

Tgt Ion: 164 Resp: 176567
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 43.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 91.616 ng

RT: 10.422 min Scan# 1417

Delta R.T. -0.006 min

Lab File: BF130605.D

Acq: 10 Oct 2022 16:21

Instrument :

BNA_F

ClientSampleId :

R-8

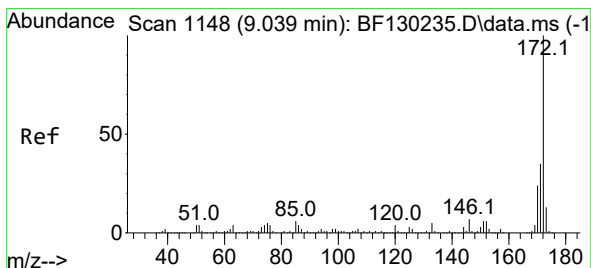
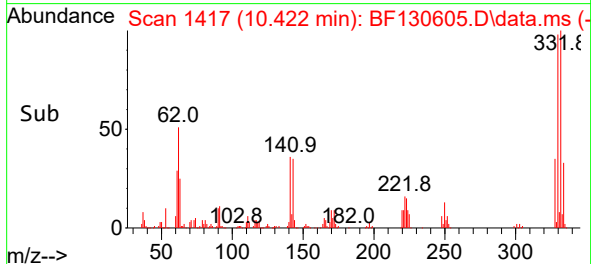
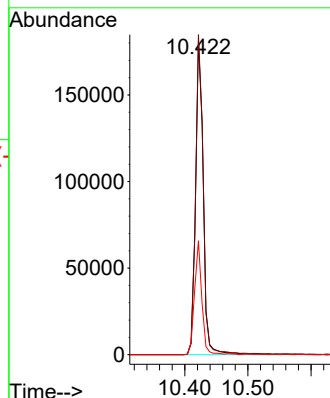
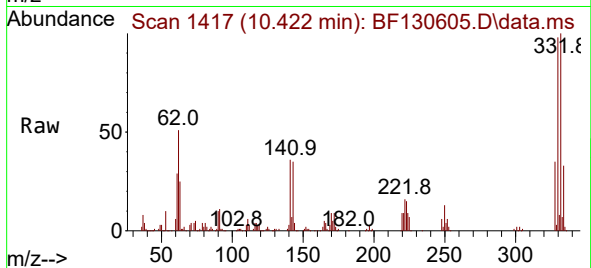
Tgt Ion:330 Resp: 155000

Ion Ratio Lower Upper

330 100

332 100.8 83.4 125.2

141 33.9 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 73.055 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF130605.D

Acq: 10 Oct 2022 16:21

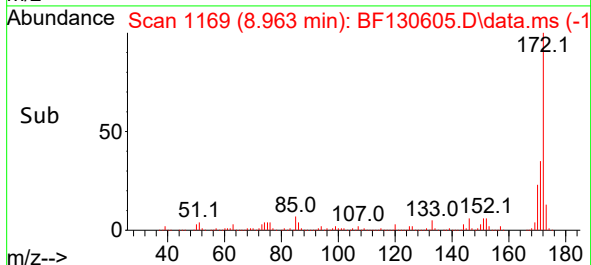
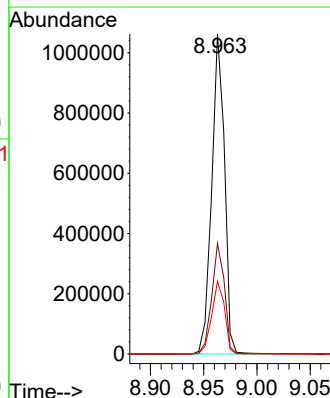
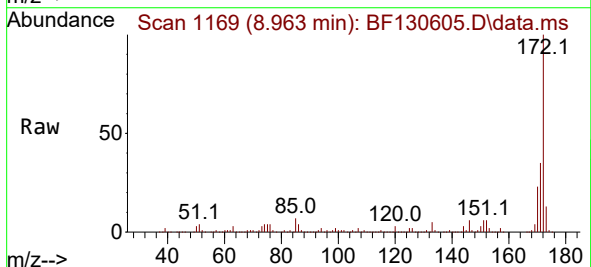
Tgt Ion:172 Resp: 885808

Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 22.8 18.7 28.1

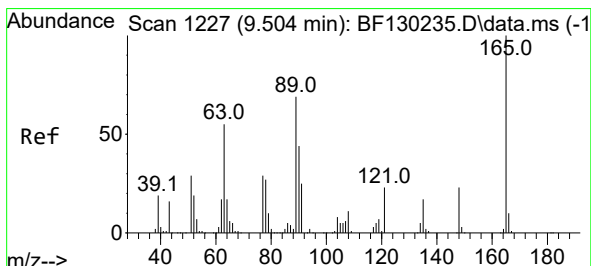
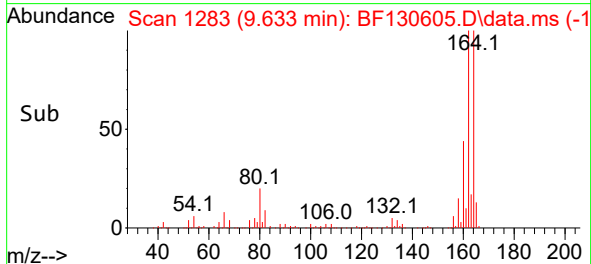
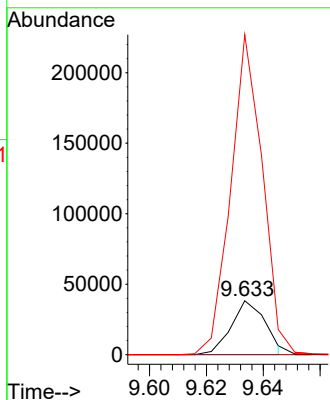
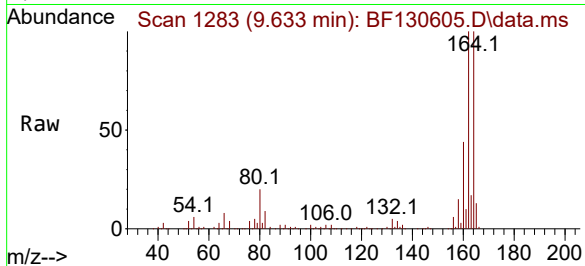




#50
Dimethylphthalate
Concen: 2.631 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.259 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

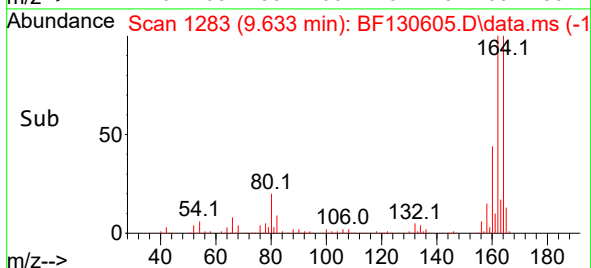
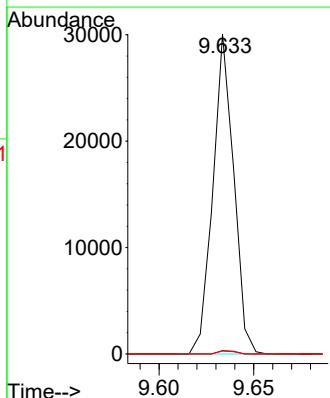
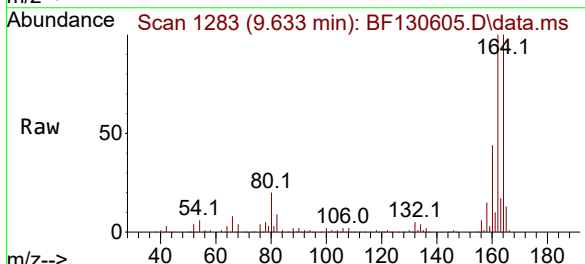
Instrument :
BNA_F
ClientSampleId :
R-8

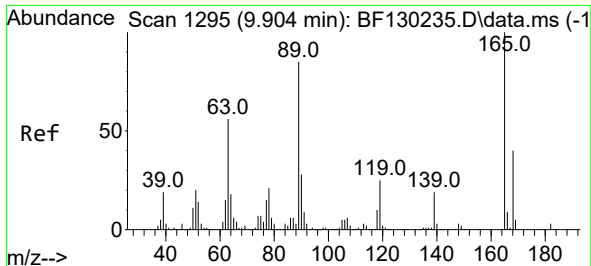
Tgt Ion:163 Resp: 32095
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 593.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.020 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.194 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

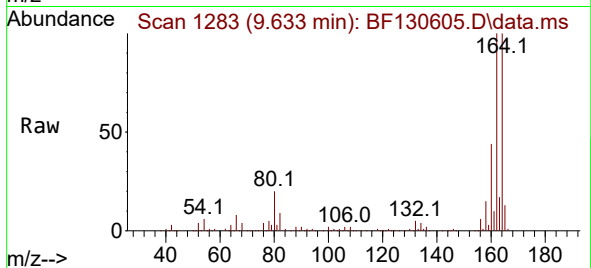
Tgt Ion:165 Resp: 23007
Ion Ratio Lower Upper
165 100
63 1.1 58.8 88.2#
89 0.9 54.5 81.7#



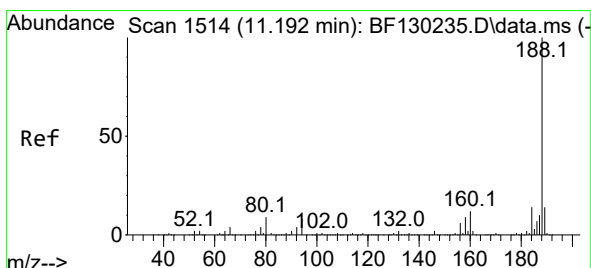
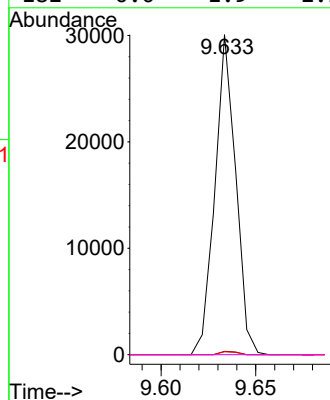


#57
 2,4-Dinitrotoluene
 Concen: 7.058 ng
 RT: 9.633 min Scan# 11
 Delta R.T. -0.206 min
 Lab File: BF130605.D
 Acq: 10 Oct 2022 16:21

Instrument :
 BNA_F
 ClientSampleId :
 R-8

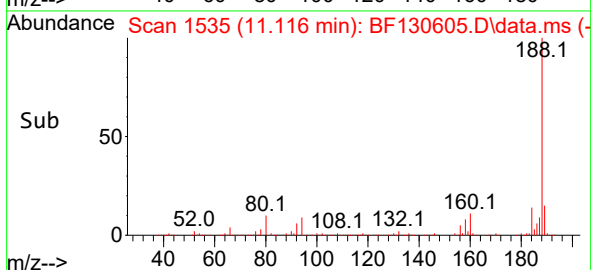
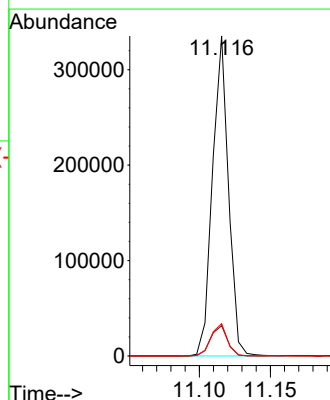
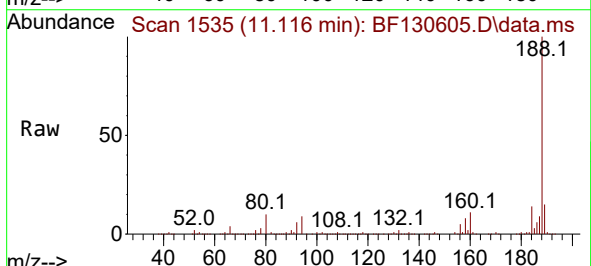


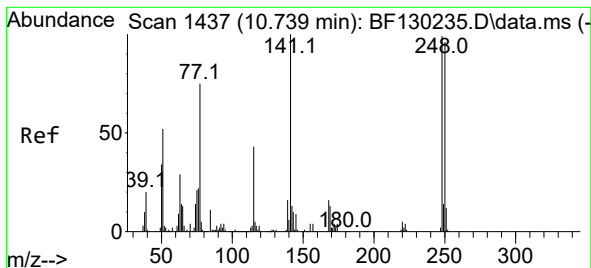
Tgt Ion:165	Resp: 23007
Ion Ratio	Lower Upper
165 100	
63 1.1	44.7 67.1#
89 0.9	69.0 103.4#
182 0.0	1.9 2.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.116 min Scan# 1535
 Delta R.T. 0.000 min
 Lab File: BF130605.D
 Acq: 10 Oct 2022 16:21

Tgt Ion:188	Resp:	262124	
Ion Ratio	Lower	Upper	
188 100			
94 9.4	7.4	11.2	
80 10.1	7.9	11.9	

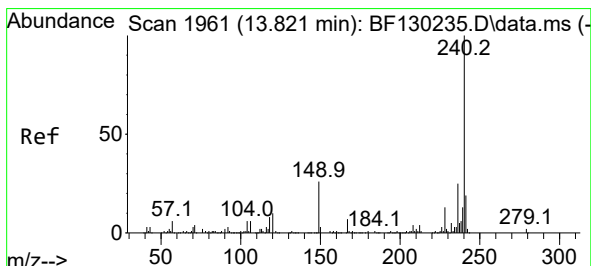
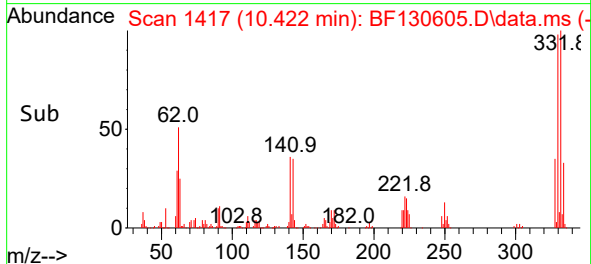
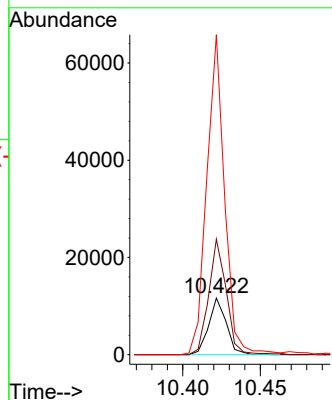
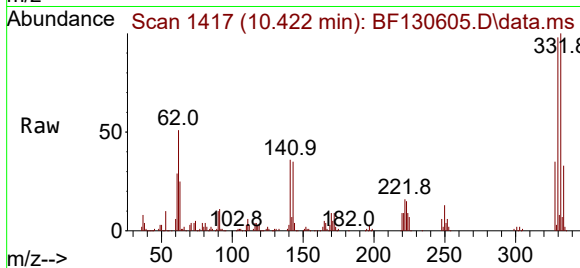




#67
4-Bromophenyl-phenylether
Concen: 3.202 ng
RT: 10.422 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

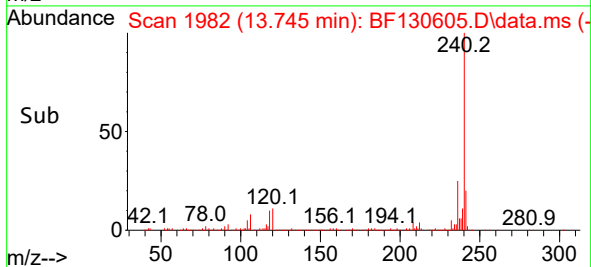
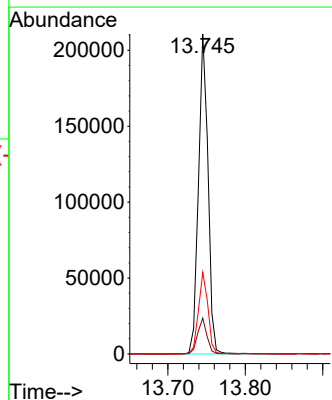
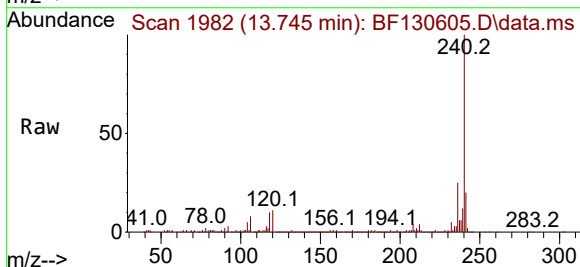
Instrument :
BNA_F
ClientSampleId :
R-8

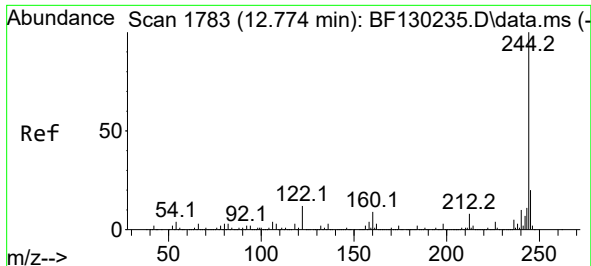
Tgt Ion:248 Resp: 9260
Ion Ratio Lower Upper
248 100
250 203.7 80.0 120.0#
141 564.5 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF130605.D
Acq: 10 Oct 2022 16:21

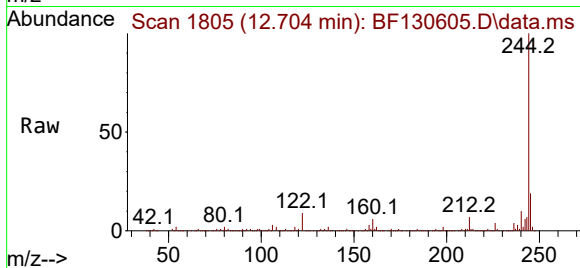
Tgt Ion:240 Resp: 180015
Ion Ratio Lower Upper
240 100
120 11.2 8.7 13.1
236 25.5 20.9 31.3



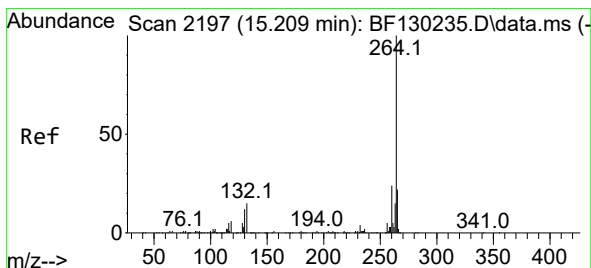
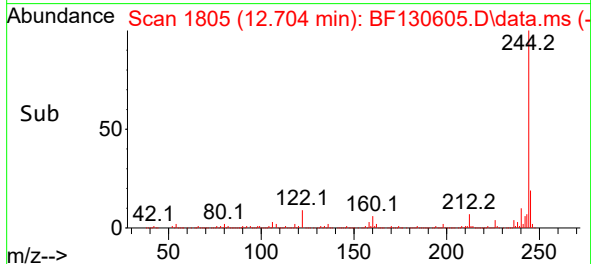
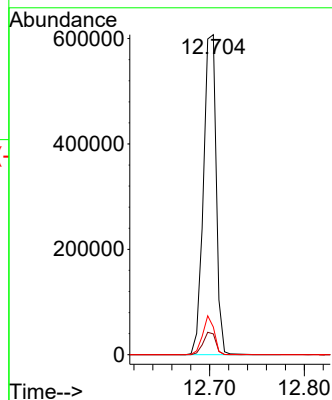


#79
 Terphenyl-d14
 Concen: 52.102 ng
 RT: 12.704 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130605.D
 Acq: 10 Oct 2022 16:21

Instrument :
 BNA_F
 ClientSampleId :
 R-8



Tgt Ion:244 Resp: 566210
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 8.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.127 min Scan# 2217
 Delta R.T. 0.000 min
 Lab File: BF130605.D
 Acq: 10 Oct 2022 16:21

Tgt Ion:264 Resp: 185327
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.3 28.9
 265 21.7 17.0 25.4

