

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138622.D
 Acq On : 23 Jul 2024 17:02
 Operator : RC/JU
 Sample : P3299-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20240717

Quant Time: Jul 23 17:39:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

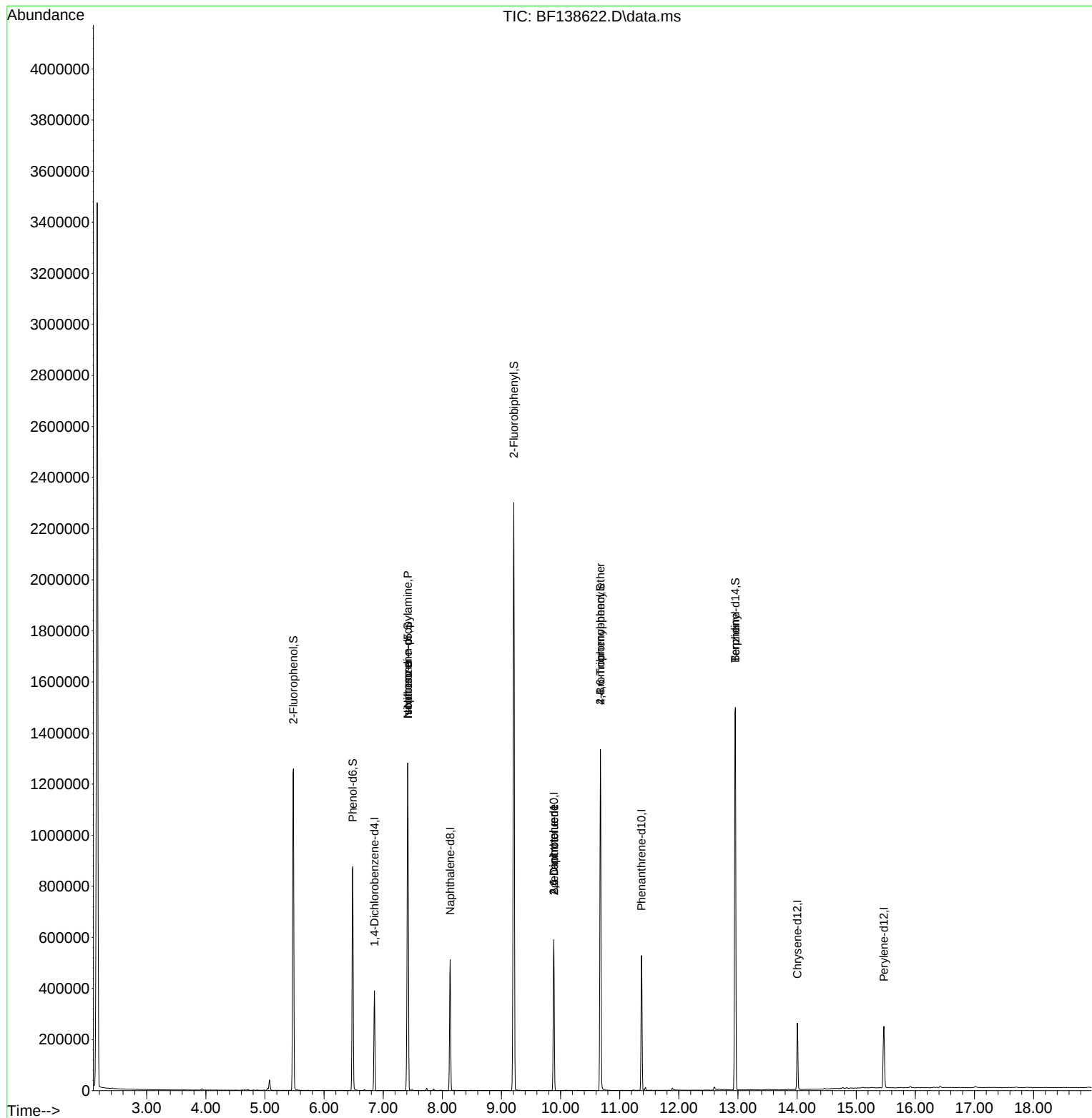
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	73962	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	306137	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	167304	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	262859	20.000	ng	-0.02
76) Chrysene-d12	14.004	240	117341	20.000	ng	-0.02
86) Perylene-d12	15.468	264	137272	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	427879	91.622	ng	-0.01
7) Phenol-d6	6.487	99	382444	61.560	ng	-0.02
23) Nitrobenzene-d5	7.416	82	588261	94.344	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	207291	132.571	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	998696	93.295	ng	-0.02
79) Terphenyl-d14	12.957	244	732952	101.760	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	80894	21.073	ng	# 72
25) Isophorone	7.416	82	585846	54.712	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	21568	8.659	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	21568	6.692	ng	# 19
67) 4-Bromophenyl-phenylether	10.675	248	13645	5.051	ng	# 1
77) Benzidine	12.957	184	9849	3.327	ng	# 90

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

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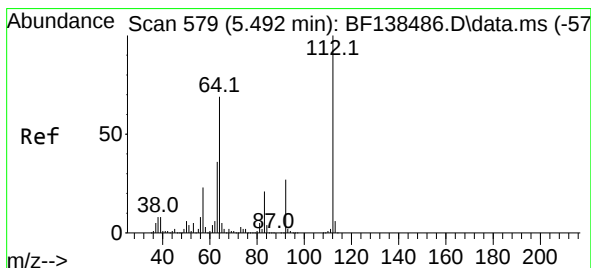
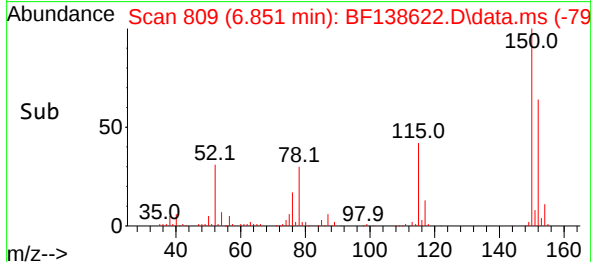
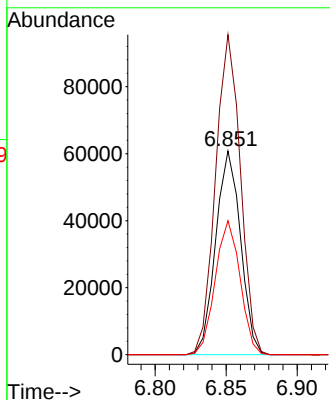
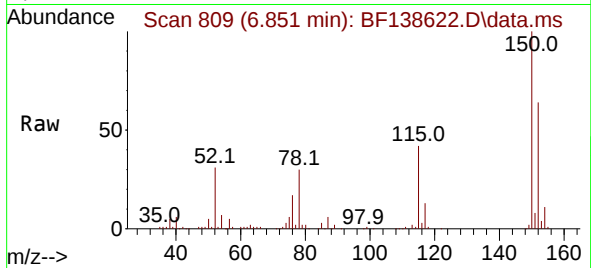




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

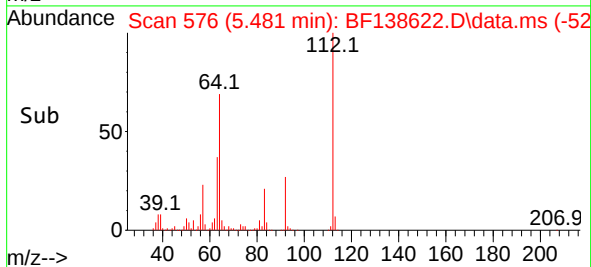
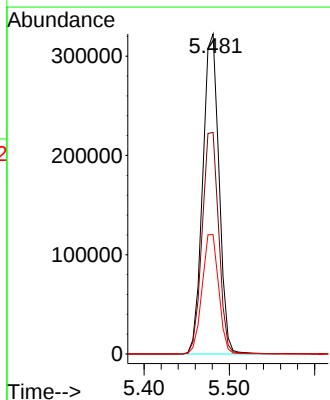
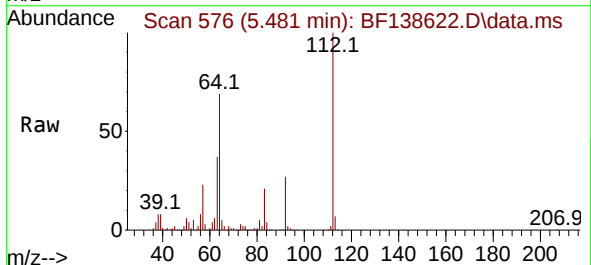
Instrument :
BNA_F
ClientSampleId :
SP-303-20240717

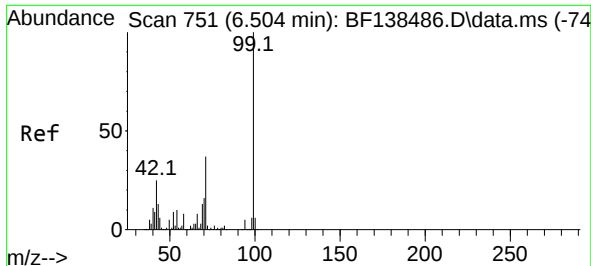
Tgt Ion:152 Resp: 73962
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.4
115 65.8 50.3 75.5



#5
2-Fluorophenol
Concen: 91.622 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

Tgt Ion:112 Resp: 427879
Ion Ratio Lower Upper
112 100
64 69.3 55.1 82.7
63 37.3 29.0 43.6

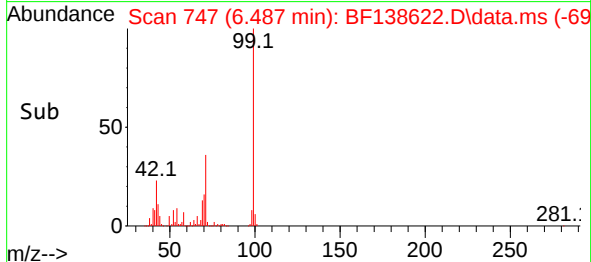
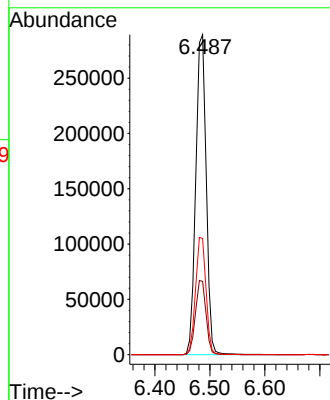
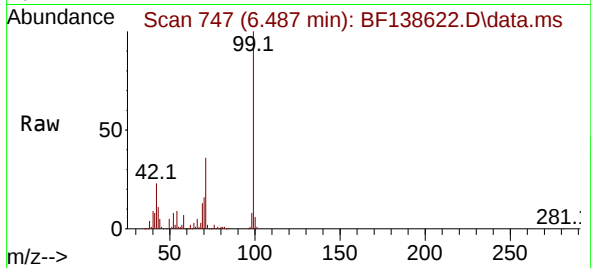




#7
Phenol-d6
Concen: 61.560 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

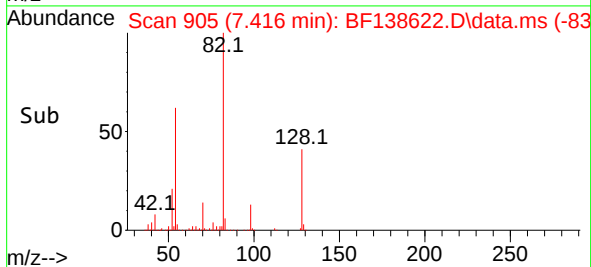
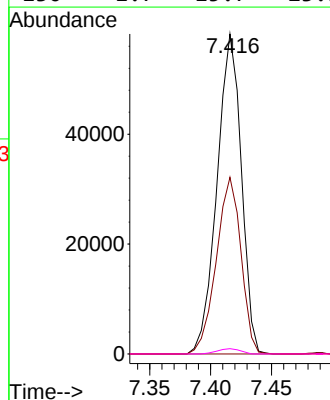
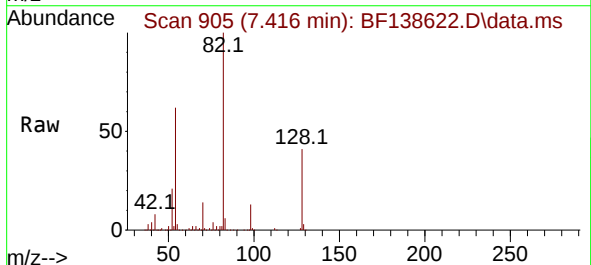
Instrument :
BNA_F
ClientSampleId :
SP-303-20240717

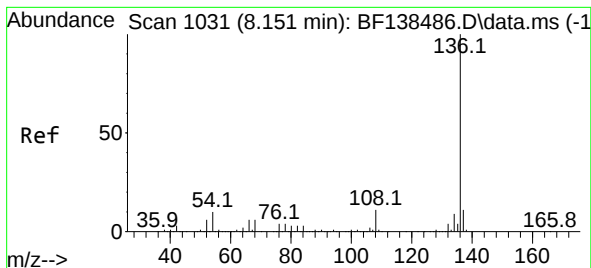
Tgt Ion: 99 Resp: 382444
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 36.4 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.073 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

Tgt Ion: 70 Resp: 80894
Ion Ratio Lower Upper
70 100
42 55.2 62.4 93.6#
101 0.0 7.2 10.8#
130 1.7 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.134 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138622.D

Acq: 23 Jul 2024 17:02

Instrument :

BNA_F

ClientSampleId :

SP-303-20240717

Tgt Ion:136 Resp: 306137

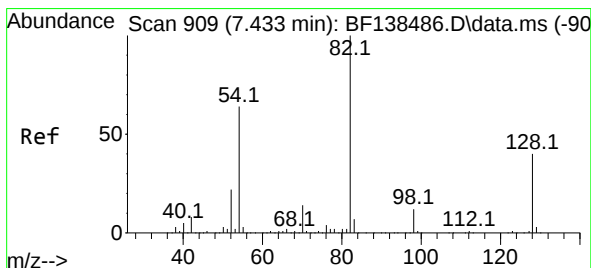
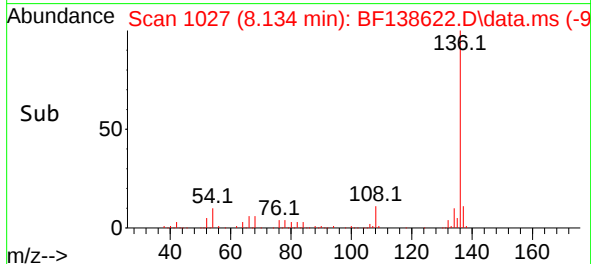
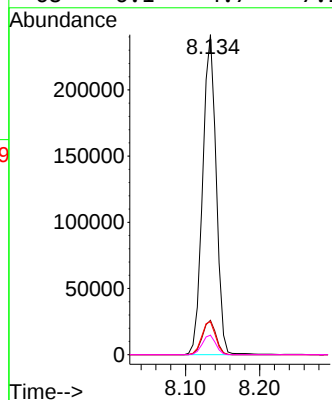
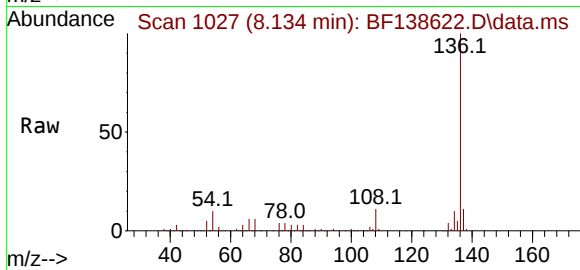
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.3 8.1 12.1

68 6.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 94.344 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.018 min

Lab File: BF138622.D

Acq: 23 Jul 2024 17:02

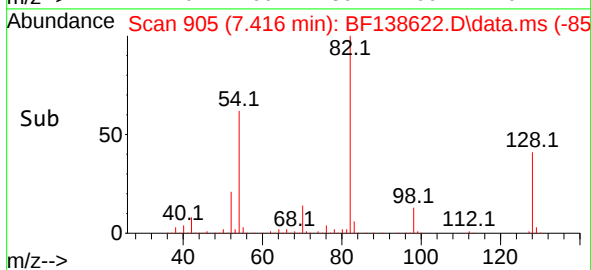
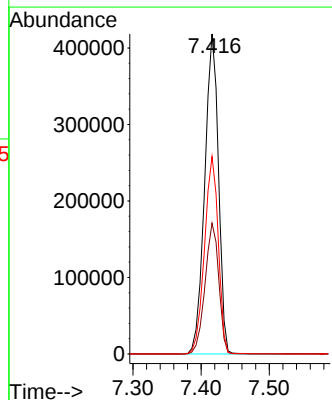
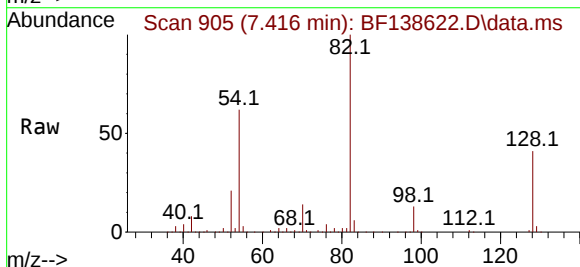
Tgt Ion: 82 Resp: 588261

Ion Ratio Lower Upper

82 100

128 40.9 32.3 48.5

54 61.7 51.4 77.0

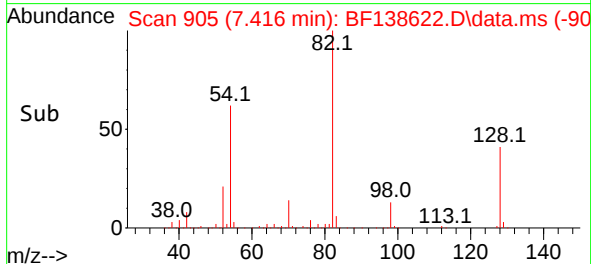
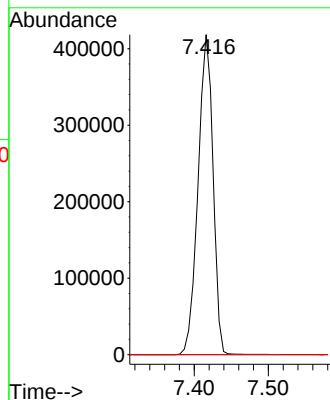
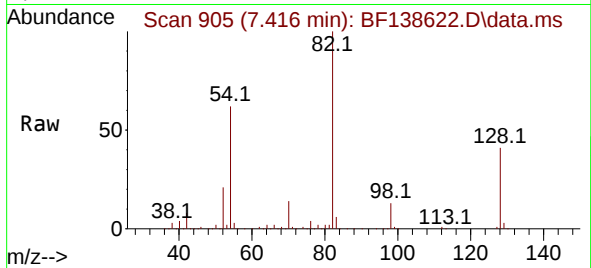




#25
Isophorone
Concen: 54.712 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

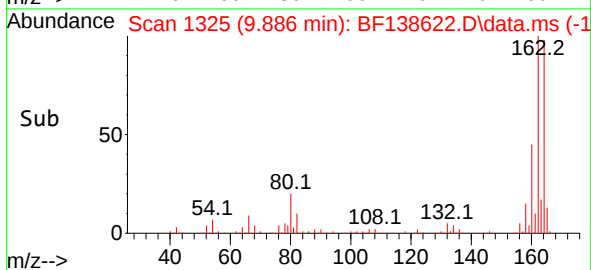
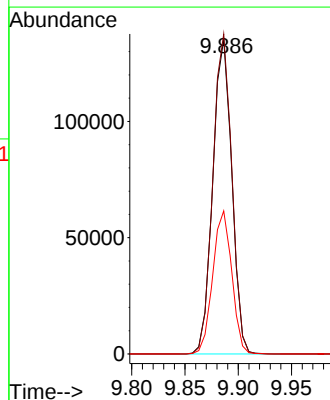
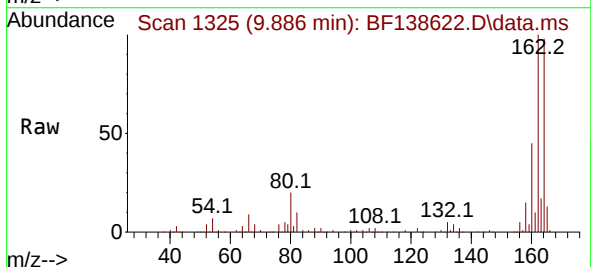
Instrument :
BNA_F
ClientSampleId :
SP-303-20240717

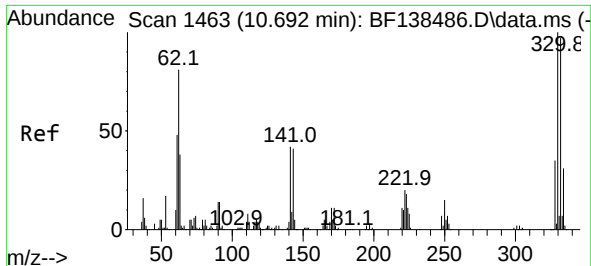
Tgt Ion: 82 Resp: 585846
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

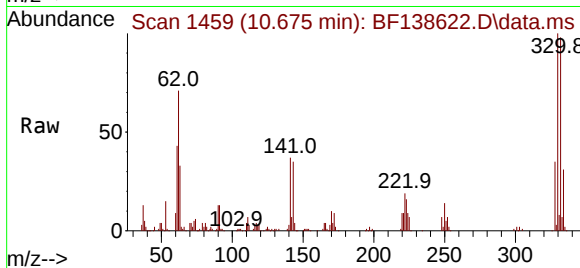
Tgt Ion:164 Resp: 167304
Ion Ratio Lower Upper
164 100
162 101.8 79.0 118.6
160 45.5 34.4 51.6



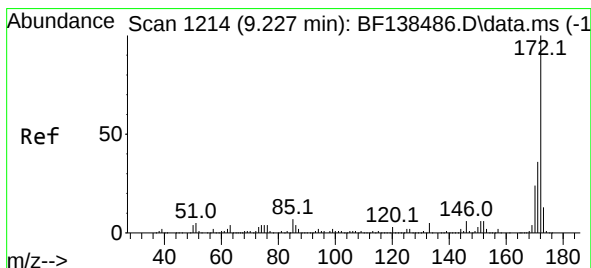
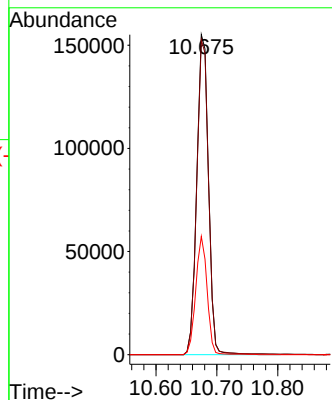
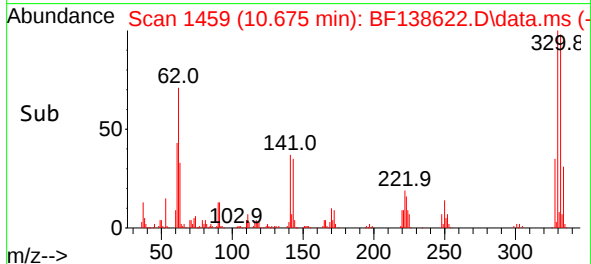


#42
 2,4,6-Tribromophenol
 Concen: 132.571 ng
 RT: 10.675 min Scan# 1463
 Delta R.T. -0.018 min
 Lab File: BF138622.D
 Acq: 23 Jul 2024 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20240717

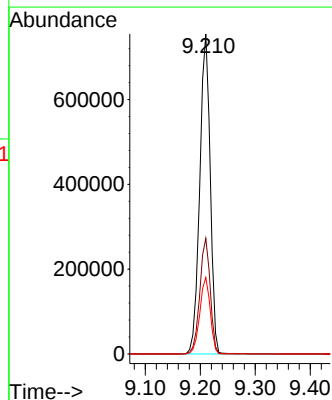
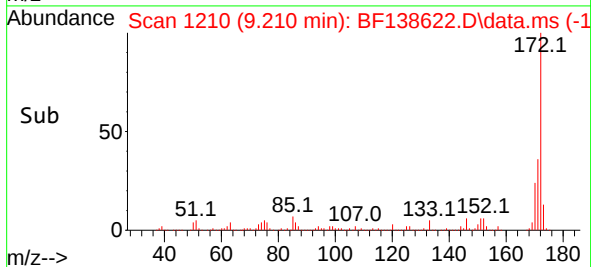
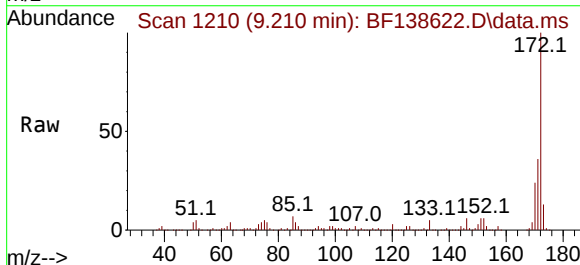


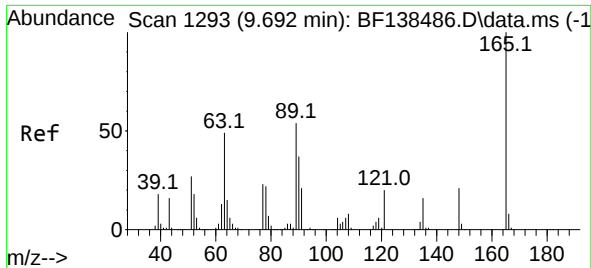
Tgt Ion:330 Resp: 207291
 Ion Ratio Lower Upper
 330 100
 332 99.1 76.8 115.2
 141 35.9 29.4 44.2



#45
 2-Fluorobiphenyl
 Concen: 93.295 ng
 RT: 9.210 min Scan# 1210
 Delta R.T. -0.018 min
 Lab File: BF138622.D
 Acq: 23 Jul 2024 17:02

Tgt Ion:172 Resp: 998696
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 23.9 18.9 28.3

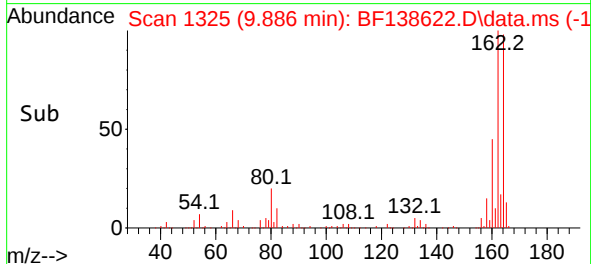
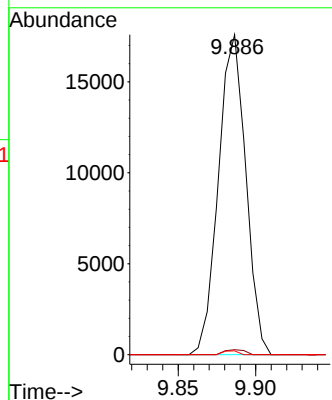
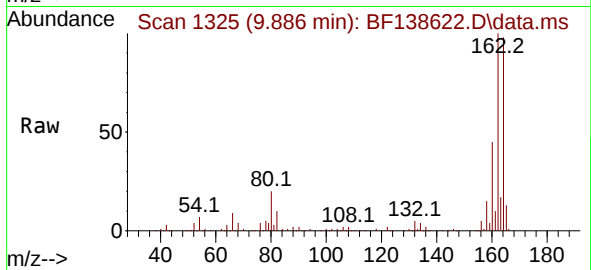




#51
2,6-Dinitrotoluene
Concen: 8.659 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

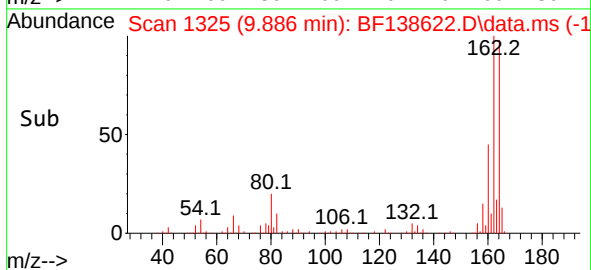
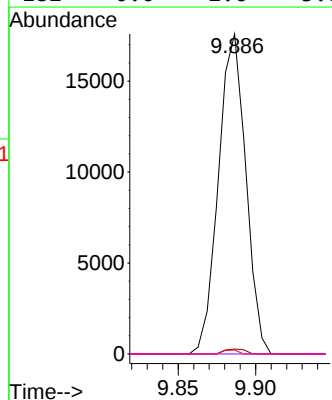
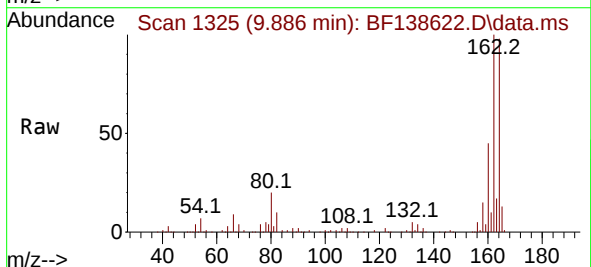
Instrument :
BNA_F
ClientSampleId :
SP-303-20240717

Tgt Ion:165 Resp: 21568
Ion Ratio Lower Upper
165 100
63 1.5 48.1 72.1#
89 1.2 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.692 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF138622.D
Acq: 23 Jul 2024 17:02

Tgt Ion:165 Resp: 21568
Ion Ratio Lower Upper
165 100
63 1.5 44.6 66.8#
89 1.2 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138622.D

Acq: 23 Jul 2024 17:02

Instrument :

BNA_F

ClientSampleId :

SP-303-20240717

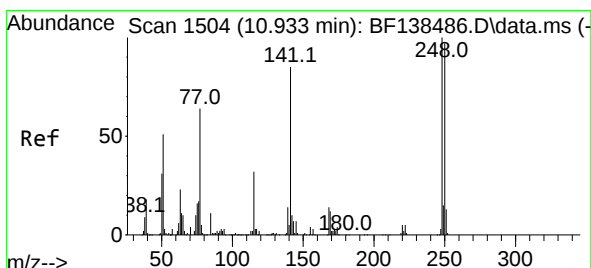
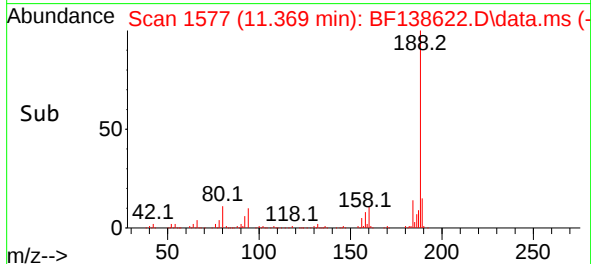
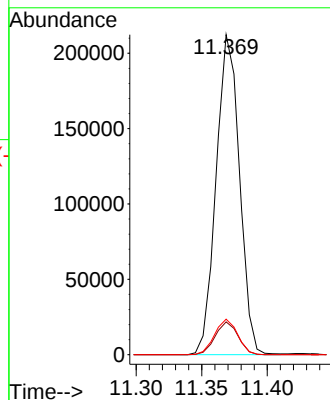
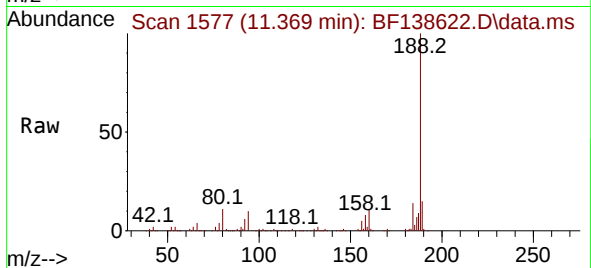
Tgt Ion:188 Resp: 262859

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

80 11.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.051 ng

RT: 10.675 min Scan# 1459

Delta R.T. -0.259 min

Lab File: BF138622.D

Acq: 23 Jul 2024 17:02

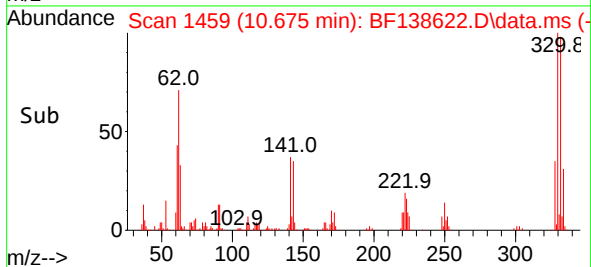
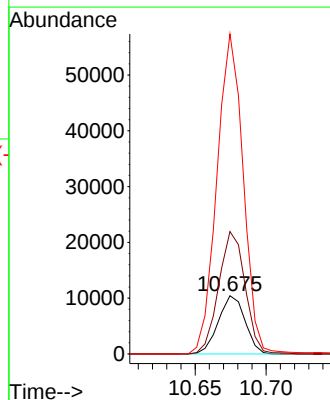
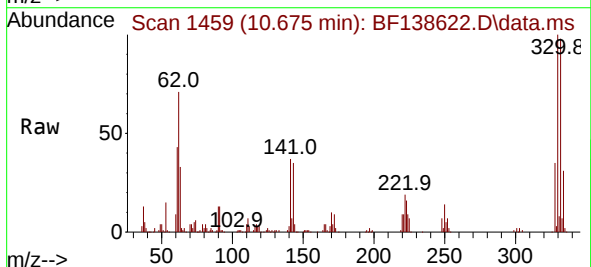
Tgt Ion:248 Resp: 13645

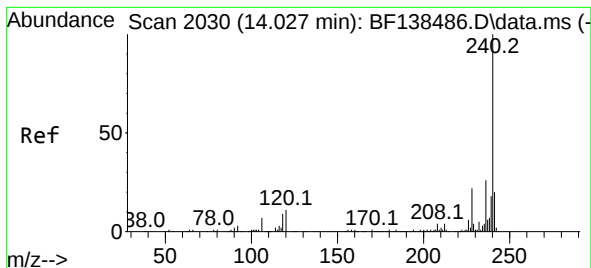
Ion Ratio Lower Upper

248 100

250 210.4 77.9 116.9#

141 549.8 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2030

Delta R.T. -0.023 min

Lab File: BF138622.D

Acq: 23 Jul 2024 17:02

Instrument :

BNA_F

ClientSampleId :

SP-303-20240717

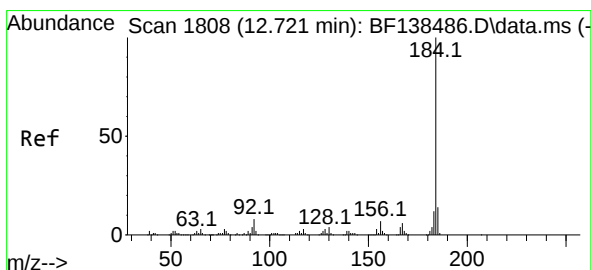
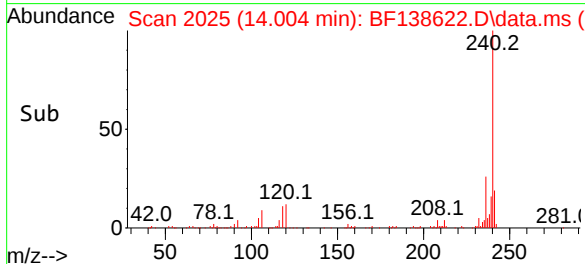
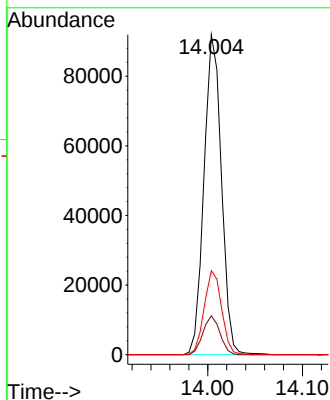
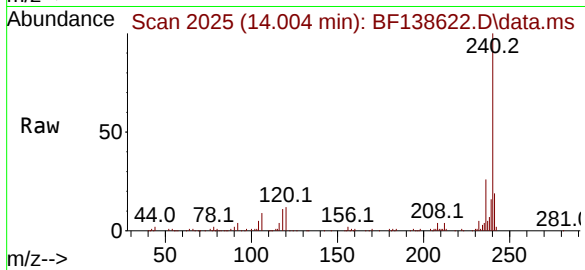
Tgt Ion:240 Resp: 117341

Ion Ratio Lower Upper

240 100

120 12.2 8.6 12.8

236 26.3 21.0 31.6



#77

Benzidine

Concen: 3.327 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.236 min

Lab File: BF138622.D

Acq: 23 Jul 2024 17:02

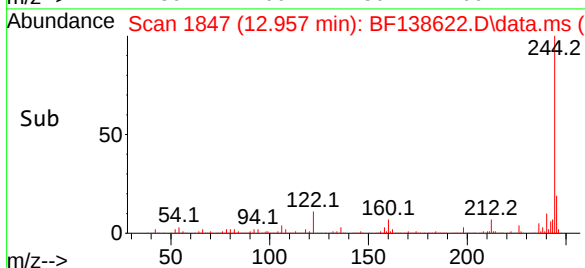
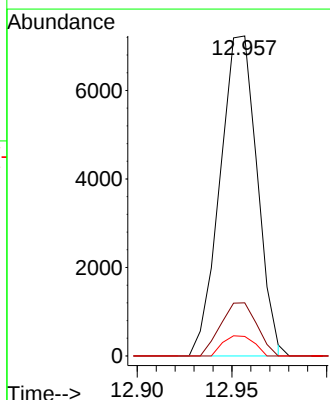
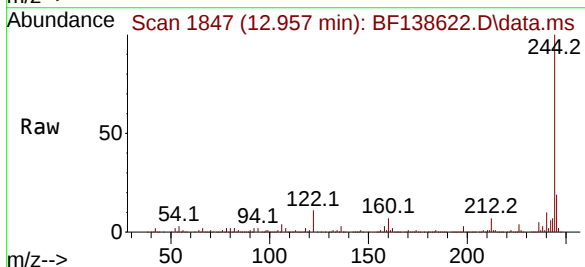
Tgt Ion:184 Resp: 9849

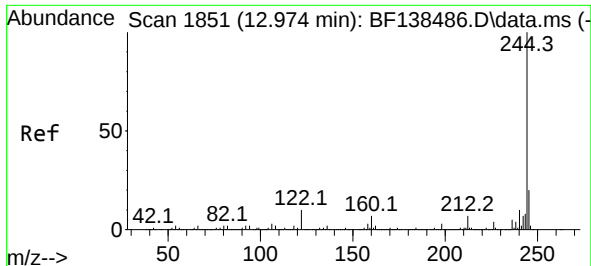
Ion Ratio Lower Upper

184 100

185 16.6 11.3 16.9

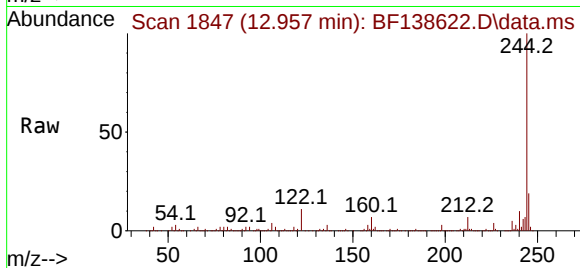
183 6.1 9.5 14.3#





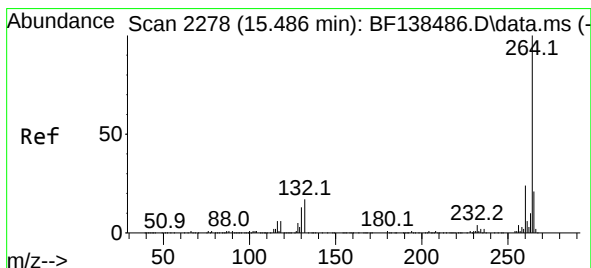
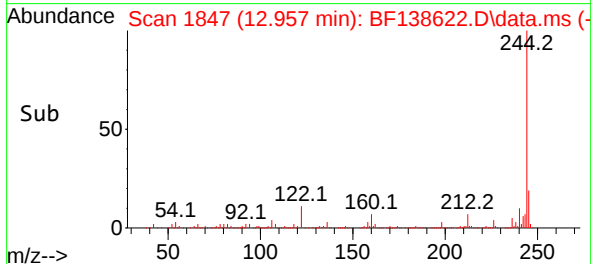
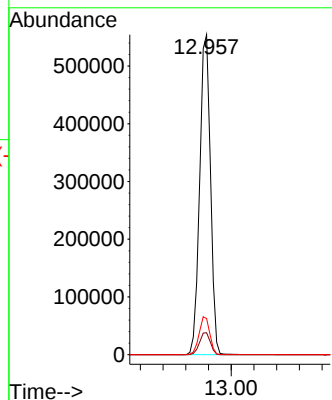
#79
 Terphenyl-d14
 Concen: 101.760 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF138622.D
 Acq: 23 Jul 2024 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20240717



Tgt Ion:244 Resp: 732952

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.3	7.8	11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. -0.018 min
 Lab File: BF138622.D
 Acq: 23 Jul 2024 17:02

Tgt Ion:264 Resp: 137272

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.5	17.0	25.4

