

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038009.D
 Acq On : 06 Oct 2025 14:56
 Operator : RC/JU
 Sample : Q3194-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D1-20250922

Quant Time: Oct 06 15:22:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

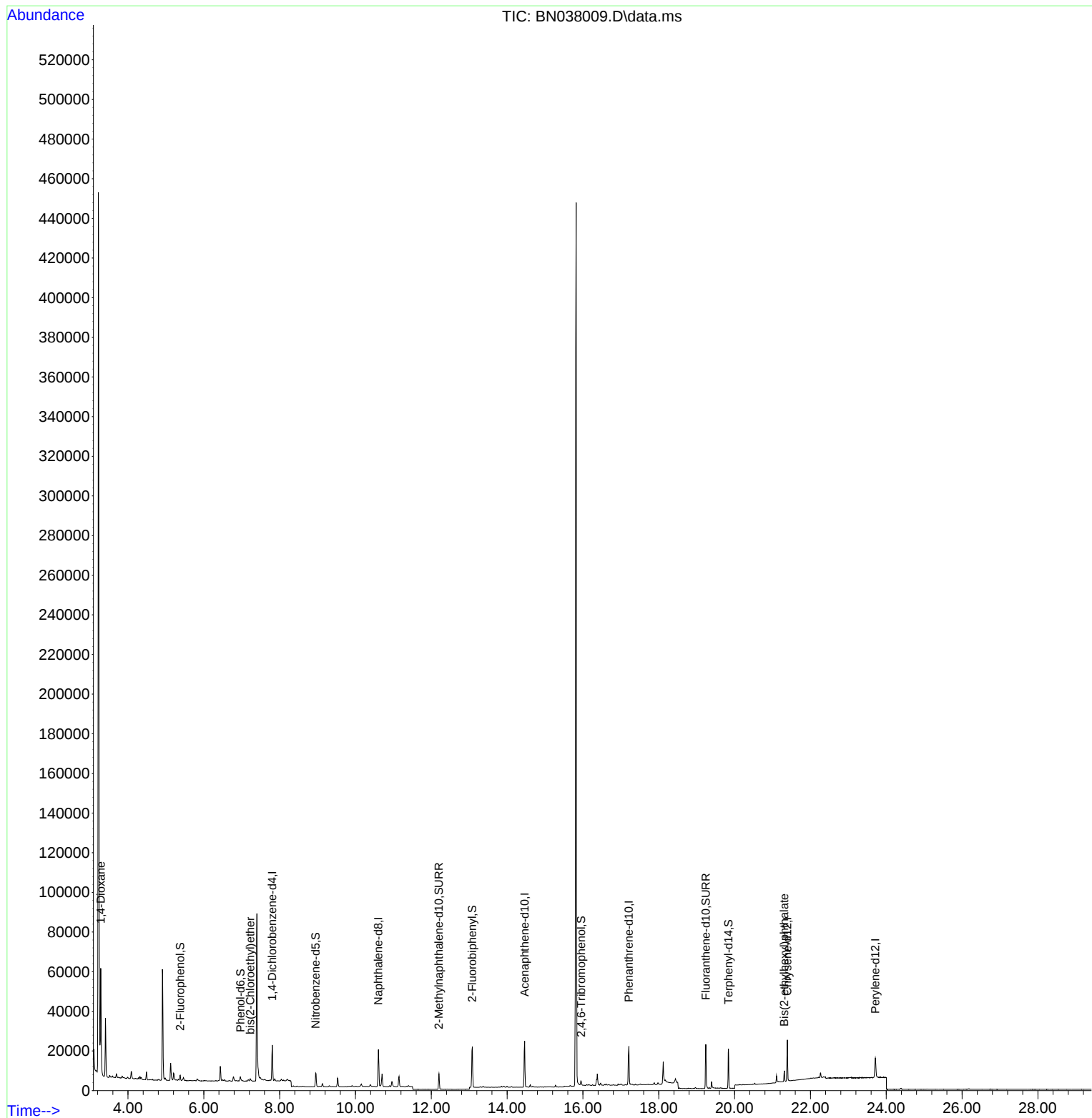
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8295	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	24176	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	12804	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	26628	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	18929	0.400	ng	0.00
35) Perylene-d12	23.712	264	13815	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2244	0.119	ng	0.00
5) Phenol-d6	6.966	99	1834	0.074	ng	0.00
8) Nitrobenzene-d5	8.950	82	5821	0.316	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	10489	0.312	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1239	0.255	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	17788	0.339	ng	-0.01
27) Fluoranthene-d10	19.239	212	23290	0.348	ng	-0.01
31) Terphenyl-d14	19.838	244	17493	0.464	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.283	88	30529	3.625	ng	99
6) bis(2-Chloroethyl)ether	7.226	93	842	0.036	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.313	149	5490	0.210	ng	99

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

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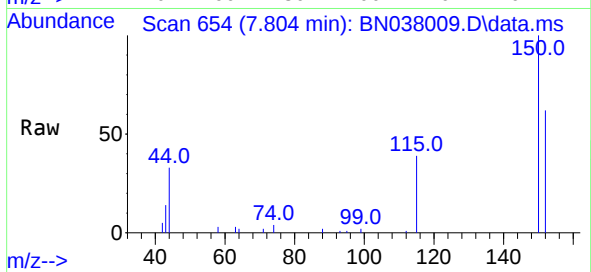
Quant Time: Oct 06 15:22:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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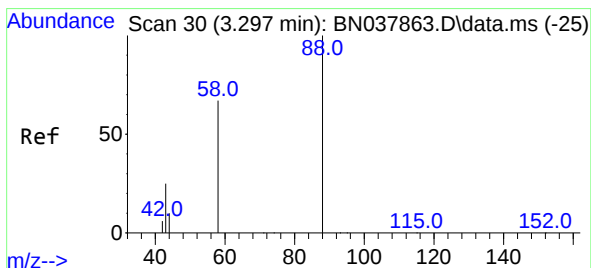
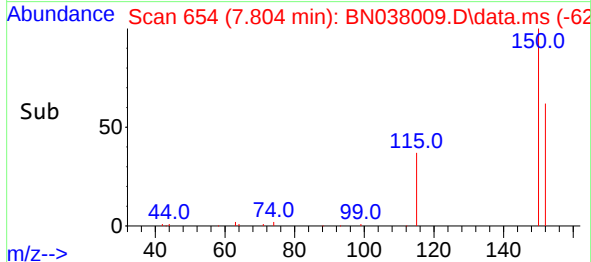
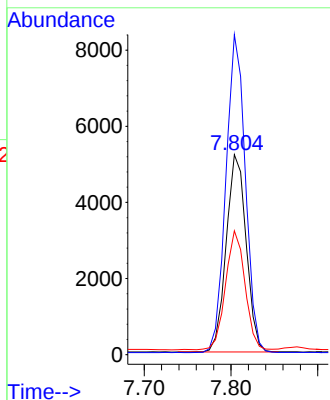


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038009.D
Acq: 06 Oct 2025 14:56

Instrument :
BNA_N
ClientSampleId :
TT189D1-20250922

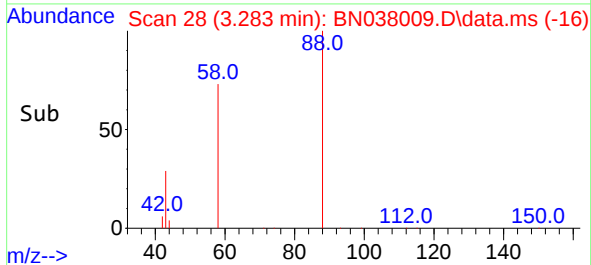
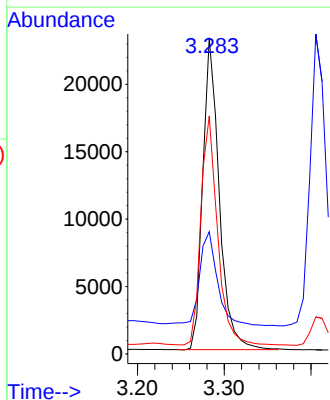
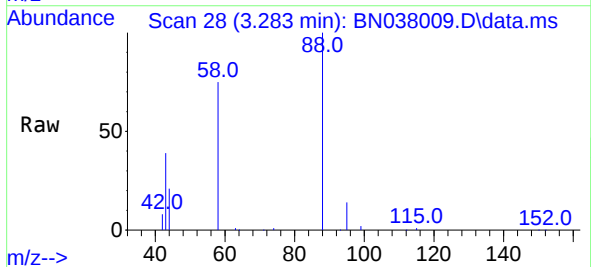


Tgt Ion:152 Resp: 8295
Ion Ratio Lower Upper
152 100
150 160.0 121.0 181.4
115 61.9 47.4 71.0



#2
1,4-Dioxane
Concen: 3.625 ng
RT: 3.283 min Scan# 28
Delta R.T. -0.014 min
Lab File: BN038009.D
Acq: 06 Oct 2025 14:56

Tgt Ion: 88 Resp: 30529
Ion Ratio Lower Upper
88 100
43 33.4 26.6 39.8
58 74.1 58.9 88.3





#4

2-Fluorophenol

Concen: 0.119 ng

RT: 5.377 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN038009.D

Acq: 06 Oct 2025 14:56

Instrument :

BNA_N

ClientSampleId :

TT189D1-20250922

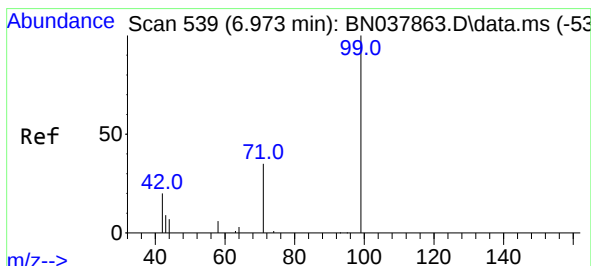
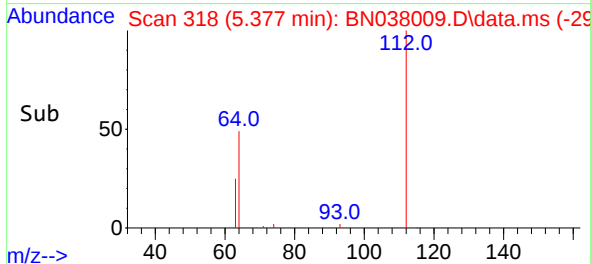
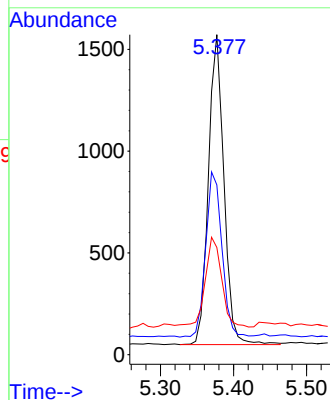
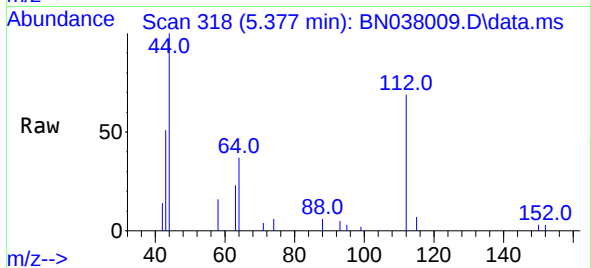
Tgt Ion:112 Resp: 2244

Ion Ratio Lower Upper

112 100

64 55.6 44.6 66.8

63 30.4 24.9 37.3



#5

Phenol-d6

Concen: 0.074 ng

RT: 6.966 min Scan# 538

Delta R.T. -0.007 min

Lab File: BN038009.D

Acq: 06 Oct 2025 14:56

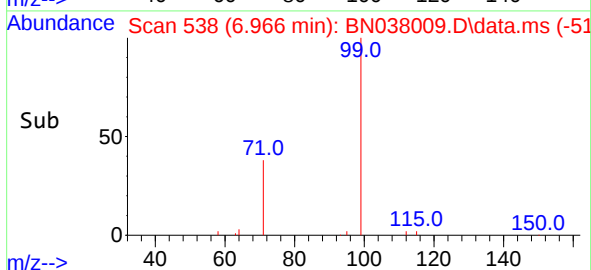
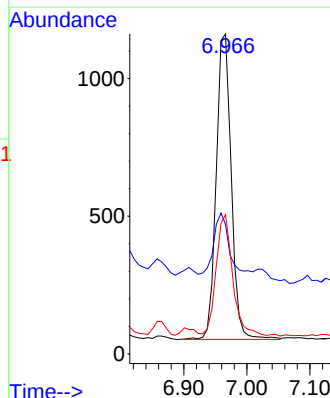
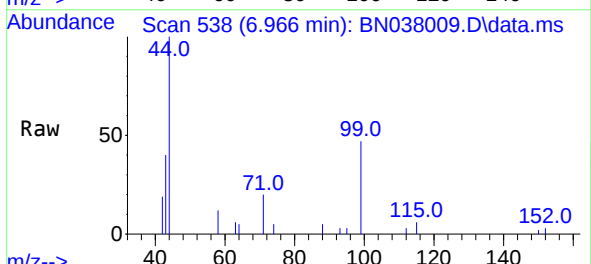
Tgt Ion: 99 Resp: 1834

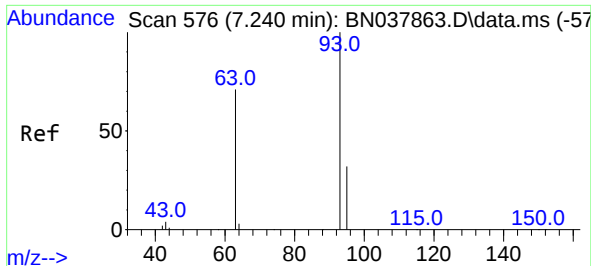
Ion Ratio Lower Upper

99 100

42 19.7 17.2 25.8

71 43.3 27.3 40.9#

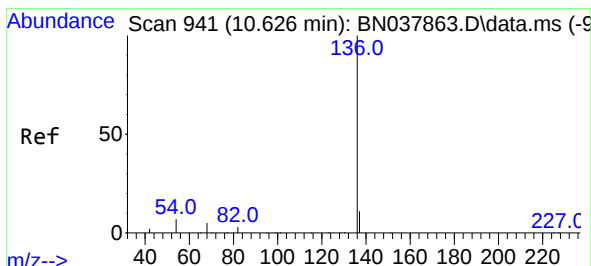
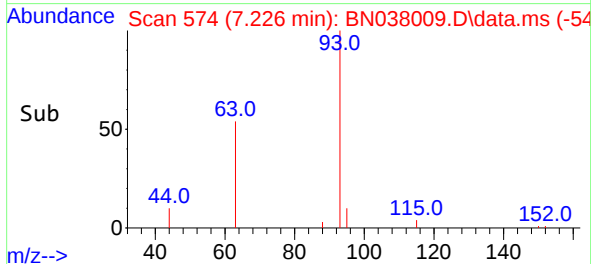
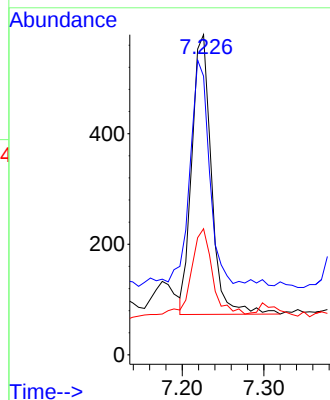
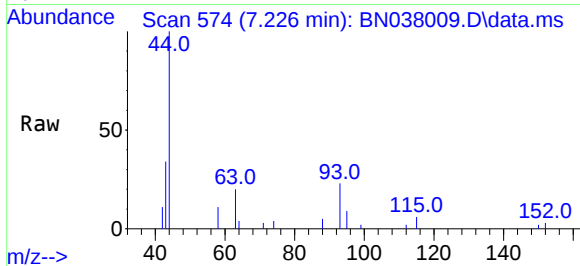




#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.226 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN038009.D
Acq: 06 Oct 2025 14:56

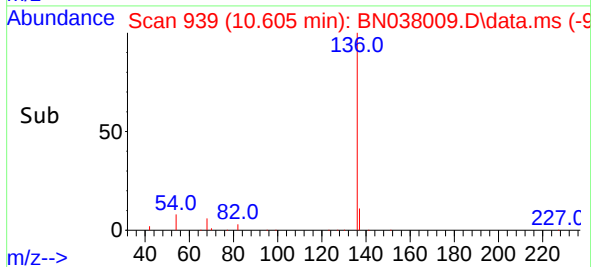
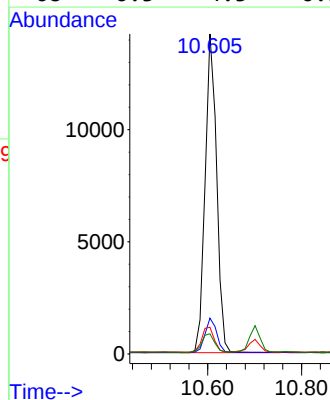
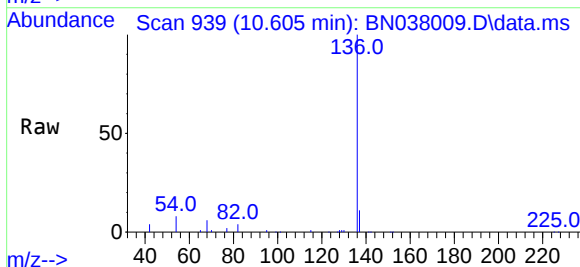
Instrument :
BNA_N
ClientSampleId :
TT189D1-20250922

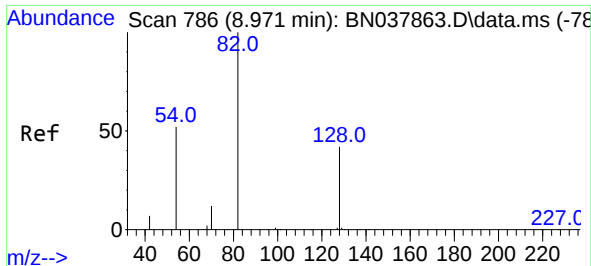
Tgt Ion: 93 Resp: 842
Ion Ratio Lower Upper
93 100
63 77.2 60.1 90.1
95 39.1 25.4 38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038009.D
Acq: 06 Oct 2025 14:56

Tgt Ion:136 Resp: 24176
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.3 5.8 8.8
68 6.3 4.3 6.5

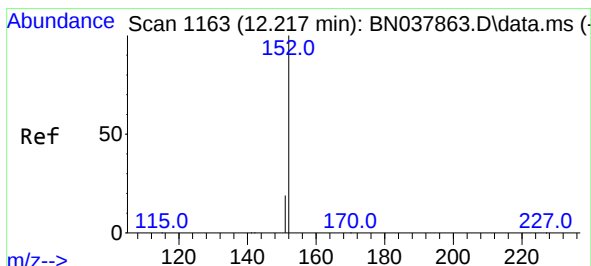
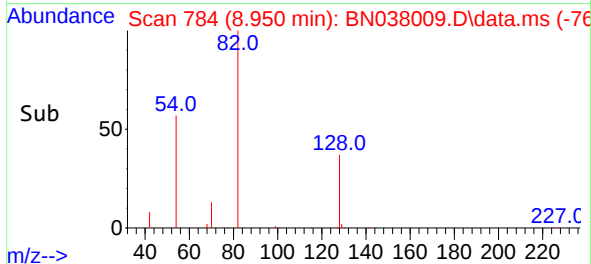
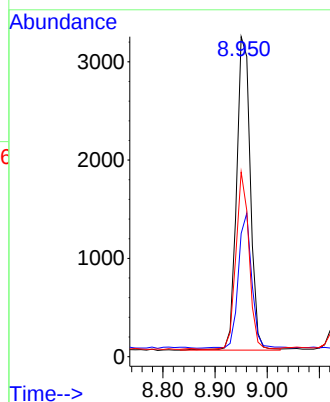
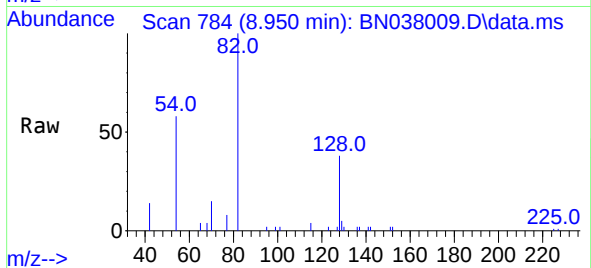




#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.950 min Scan# 786
Delta R.T. -0.021 min
Lab File: BN038009.D
Acq: 06 Oct 2025 14:56

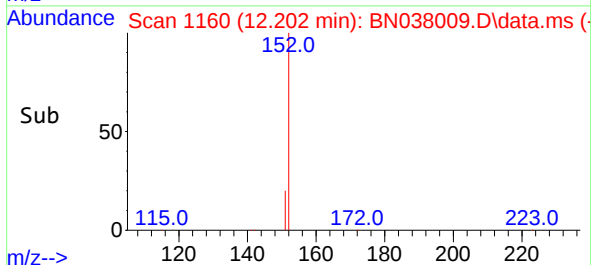
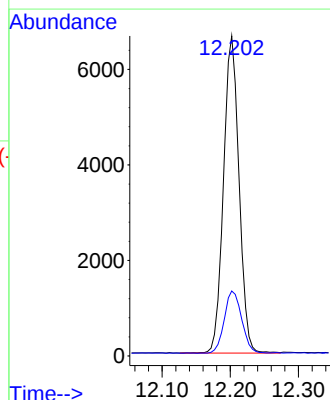
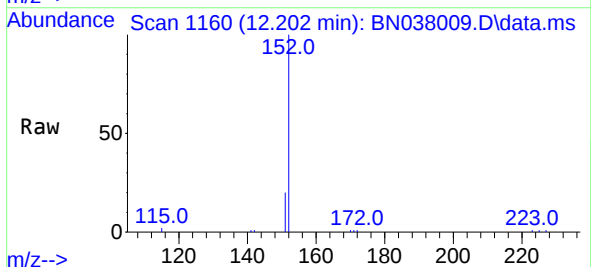
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BNA_N
ClientSampleId :
TT189D1-20250922

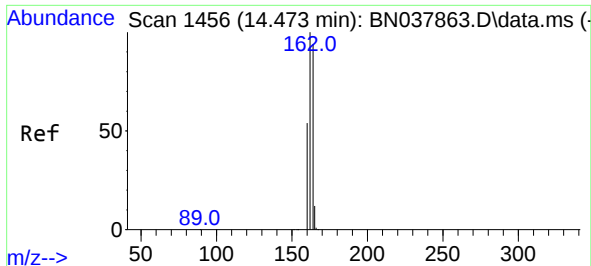
Tgt Ion: 82 Resp: 5821
Ion Ratio Lower Upper
82 100
128 38.5 34.8 52.2
54 57.7 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038009.D
Acq: 06 Oct 2025 14:56

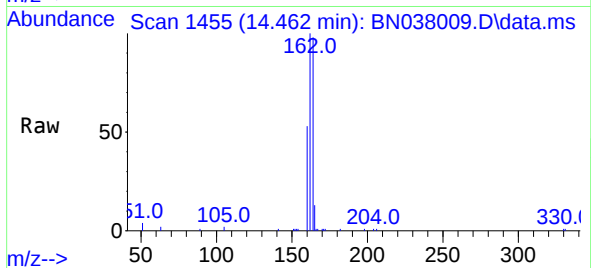
Tgt Ion: 152 Resp: 10489
Ion Ratio Lower Upper
152 100
151 22.0 17.4 26.2



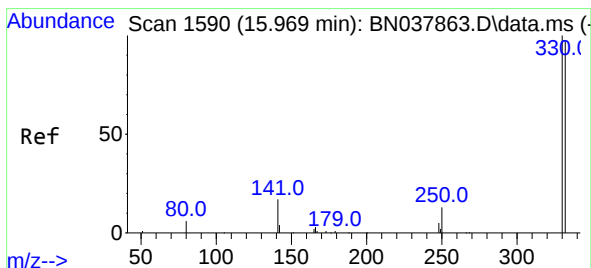
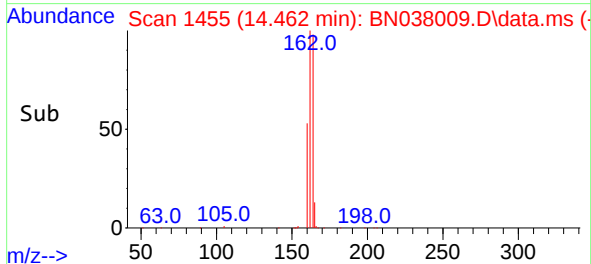
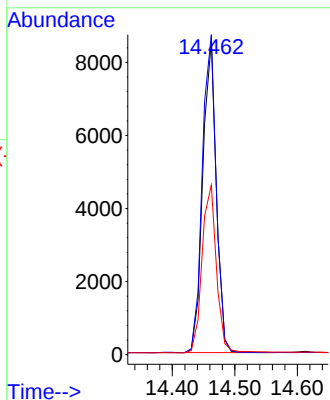


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1456
Delta R.T. -0.011 min
Lab File: BN038009.D
Acq: 06 Oct 2025 14:56

Instrument :
BNA_N
ClientSampleId :
TT189D1-20250922

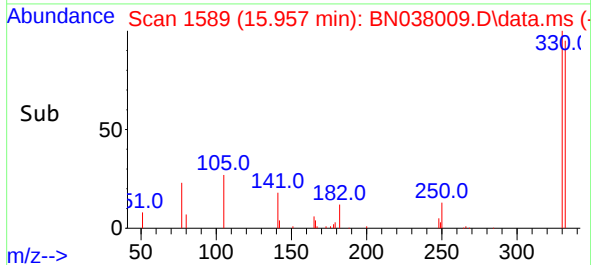
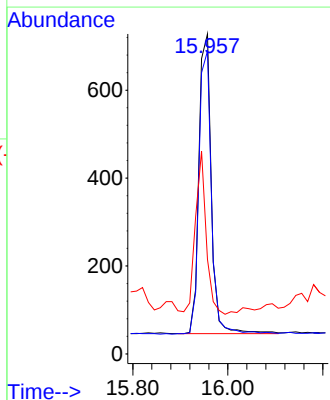
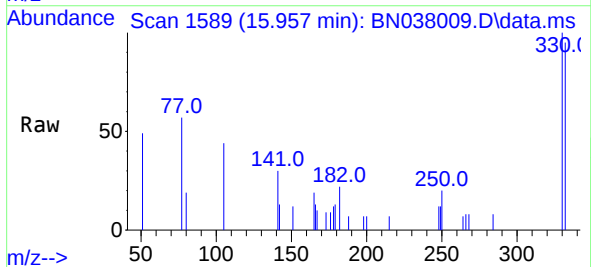


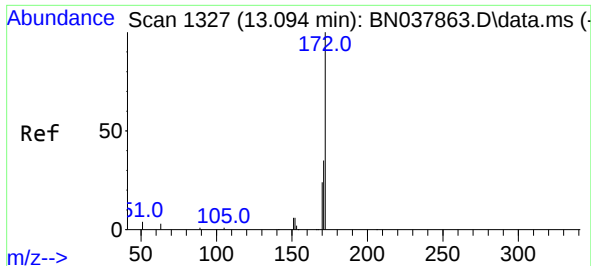
Tgt Ion:164 Resp: 12804
Ion Ratio Lower Upper
164 100
162 102.0 84.8 127.2
160 54.1 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038009.D
Acq: 06 Oct 2025 14:56

Tgt Ion:330 Resp: 1239
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 47.0 37.2 55.8

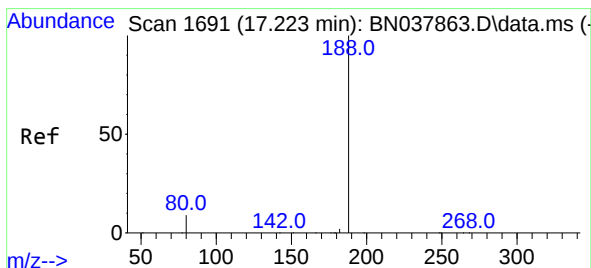
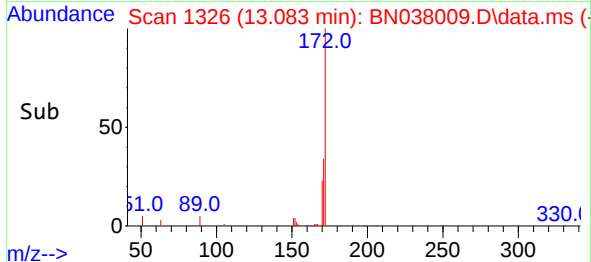
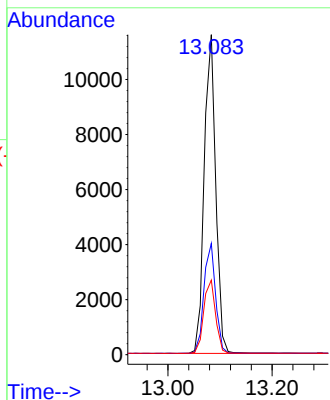
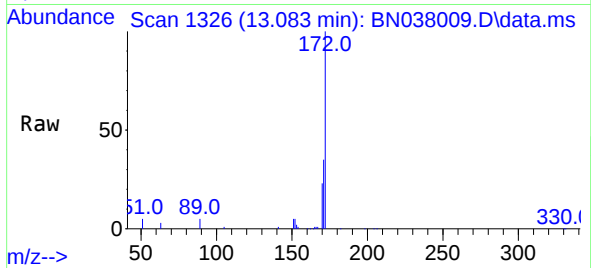




#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.083 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN038009.D
Acq: 06 Oct 2025 14:56

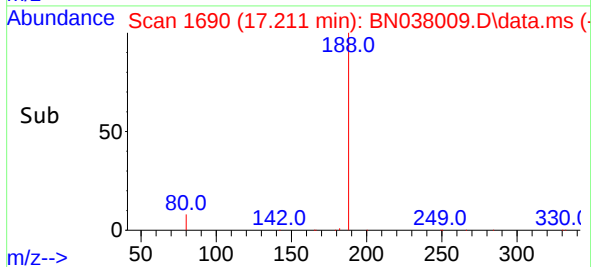
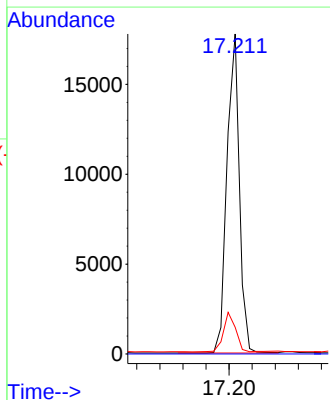
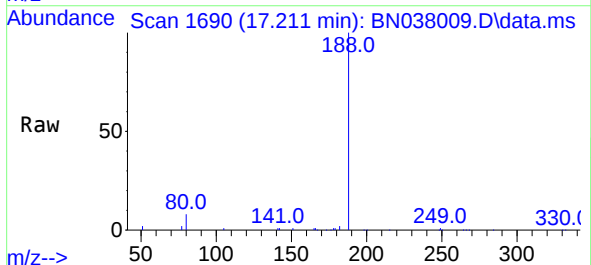
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BNA_N
ClientSampleId :
TT189D1-20250922

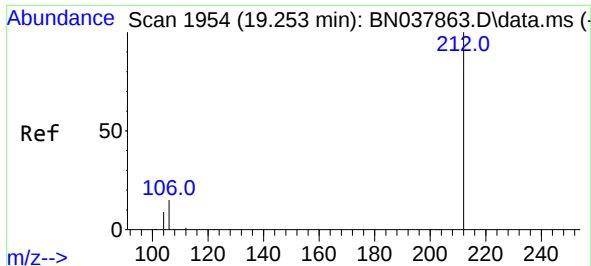
Tgt Ion:172 Resp: 17788
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.3 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038009.D
Acq: 06 Oct 2025 14:56

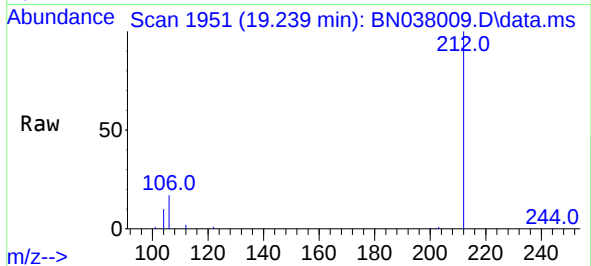
Tgt Ion:188 Resp: 26628
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 7.6 11.4



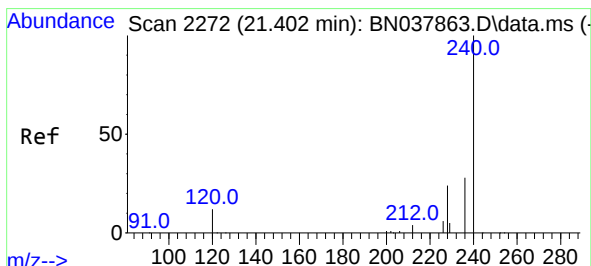
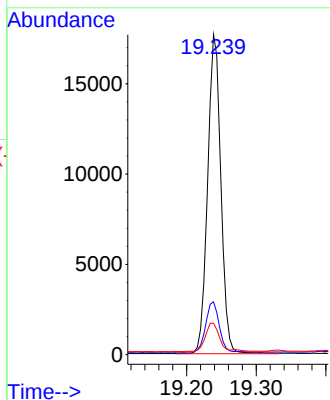


#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038009.D
Acq: 06 Oct 2025 14:56

Instrument :
BNA_N
ClientSampleId :
TT189D1-20250922

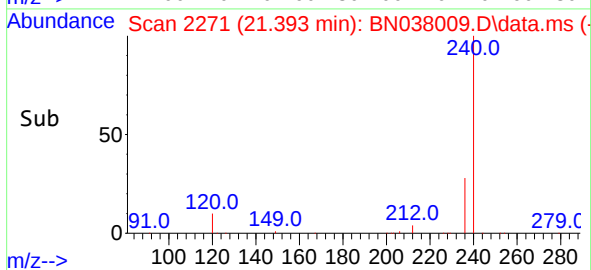
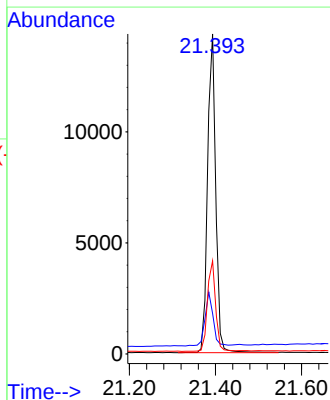
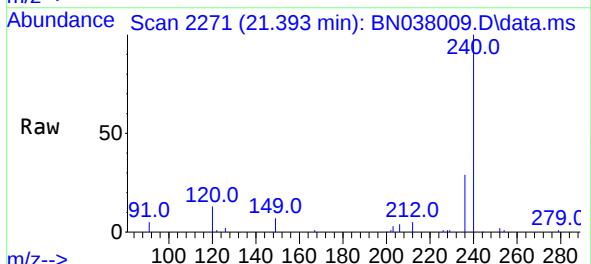


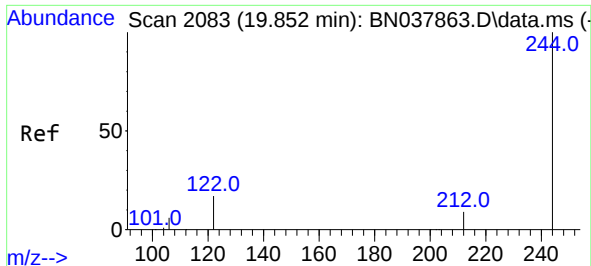
Tgt Ion:212 Resp: 23290
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 9.7 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038009.D
Acq: 06 Oct 2025 14:56

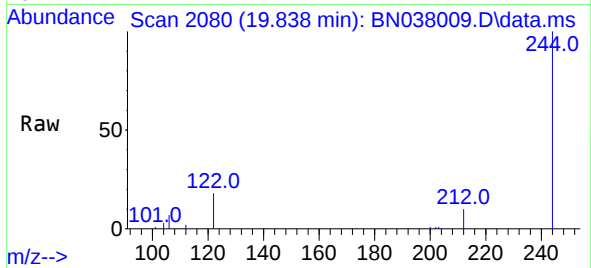
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Ion Ratio Lower Upper
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236 29.1 23.0 34.6



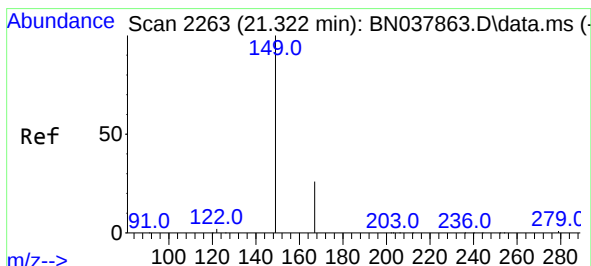
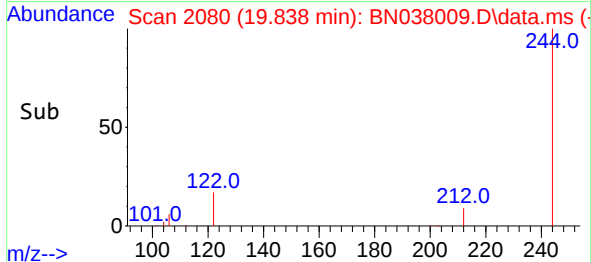
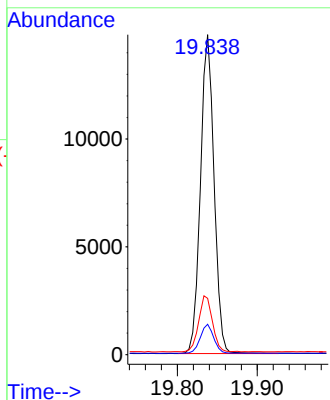


#31
Terphenyl-d14
Concen: 0.464 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038009.D
Acq: 06 Oct 2025 14:56

Instrument :
BNA_N
ClientSampleId :
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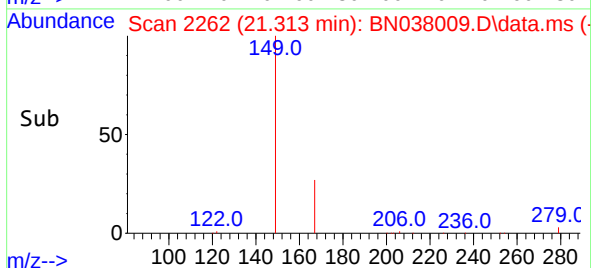
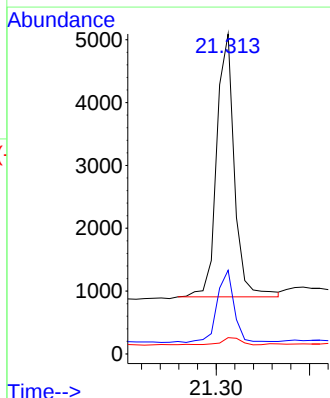
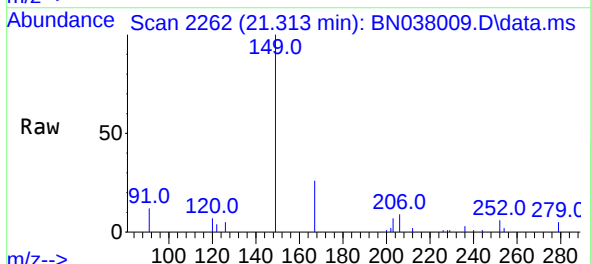


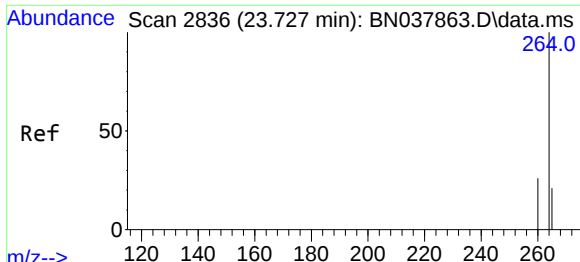
Tgt Ion:244 Resp: 17493
Ion Ratio Lower Upper
244 100
212 9.5 7.6 11.4
122 17.6 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.210 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN038009.D
Acq: 06 Oct 2025 14:56

Tgt Ion:149 Resp: 5490
Ion Ratio Lower Upper
149 100
167 26.2 20.4 30.6
279 2.9 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.712 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BN038009.D
 Acq: 06 Oct 2025 14:56

Instrument :
 BNA_N
 ClientSampleId :
 TT189D1-20250922

Tgt Ion:264 Resp: 13815

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.5	32.3
265	83.4	53.8	80.6

