

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037252.D
 Acq On : 14 Jun 2025 07:09
 Operator : RC/JU
 Sample : Q2299-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01S-20250609

Quant Time: Jun 16 01:00:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

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

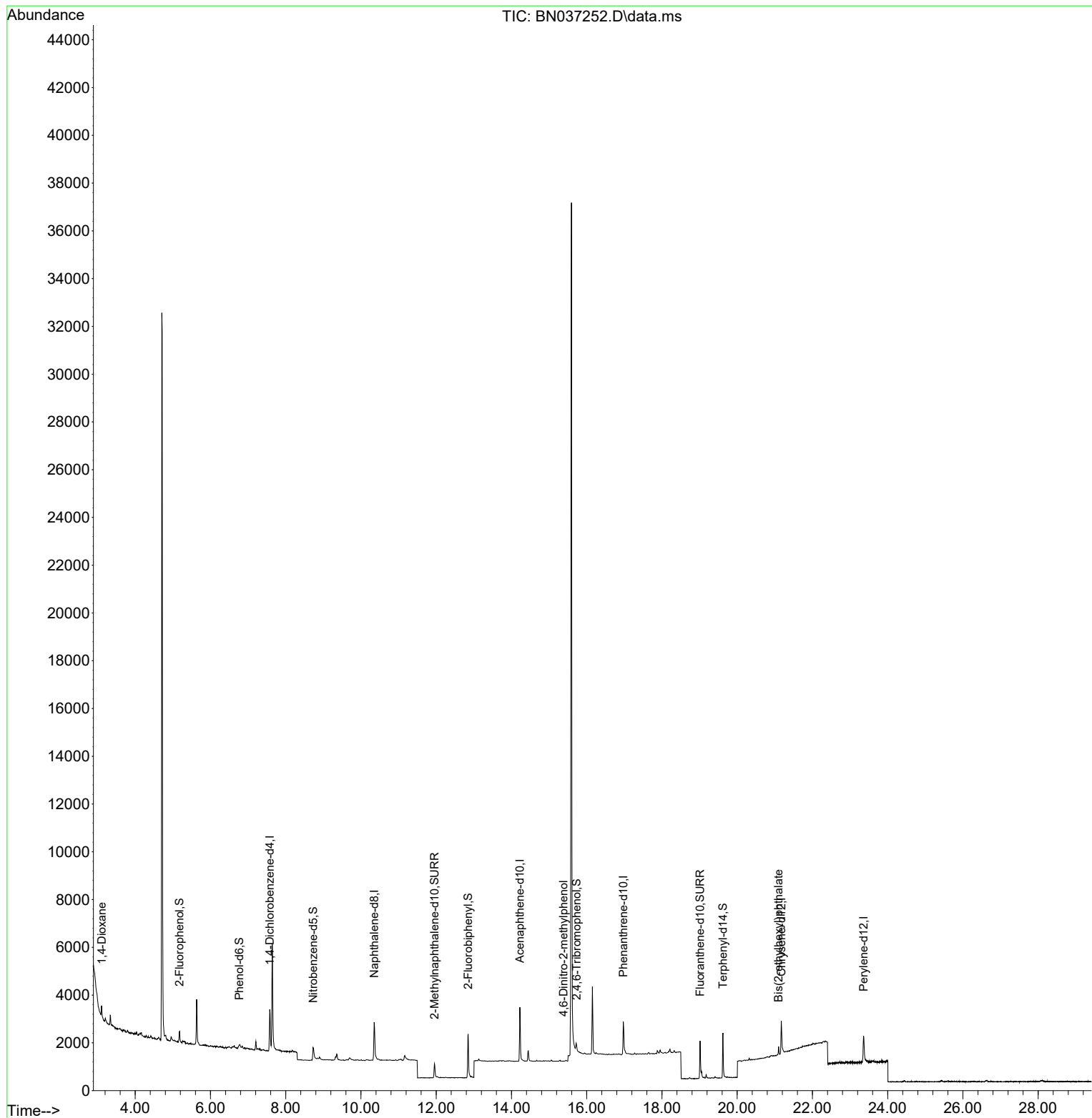
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	993	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2388	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1287	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2304	0.400	ng	0.00
29) Chrysene-d12	21.171	240	1687	0.400	ng	# 0.00
35) Perylene-d12	23.360	264	1690	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	342	0.140	ng	0.00
5) Phenol-d6	6.766	99	170	0.066	ng	0.00
8) Nitrobenzene-d5	8.728	82	683	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	11.955	152	1008	0.315	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	204	0.382	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	1863	0.344	ng	0.00
27) Fluoranthene-d10	19.012	212	2126	0.353	ng	0.00
31) Terphenyl-d14	19.621	244	2066	0.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.112	88	197	0.145	ng	# 10
20) 4,6-Dinitro-2-methylph...	15.378	198	1	0.118	ng	# 24
34) Bis(2-ethylhexyl)phtha...	21.099	149	362	0.085	ng	97

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

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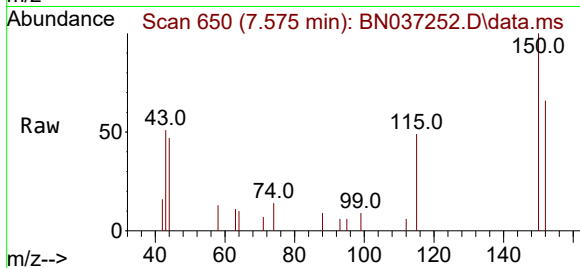
Quant Time: Jun 16 01:00:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
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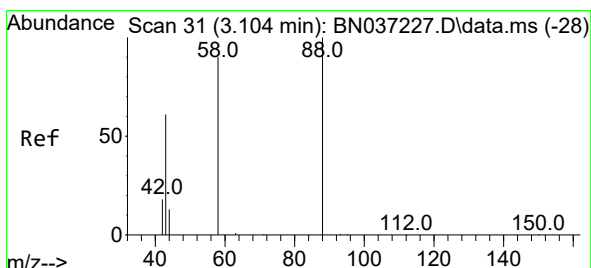
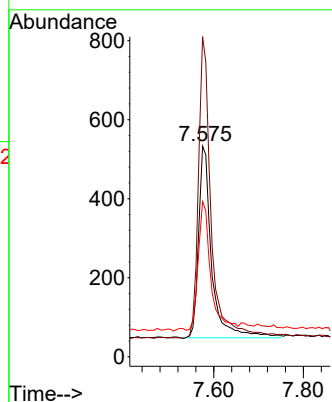
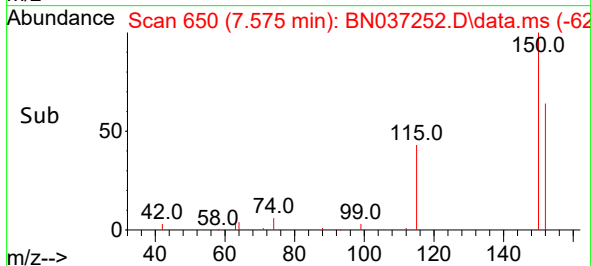


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037252.D
 Acq: 14 Jun 2025 07:09

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01S-20250609

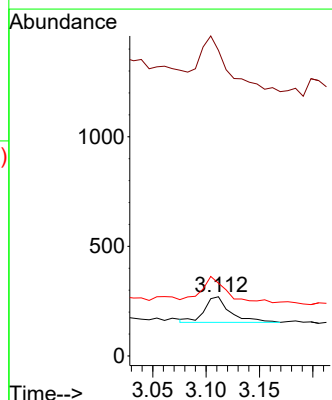
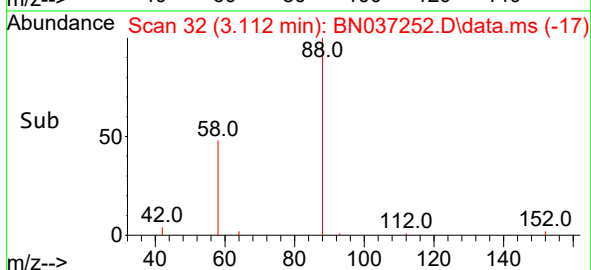
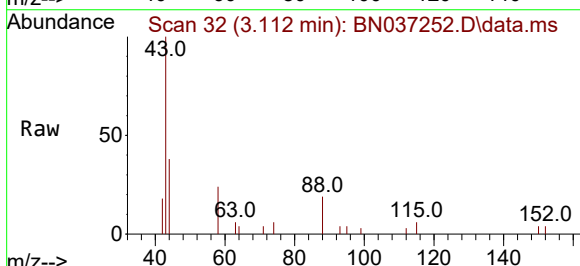


Tgt Ion:152 Resp: 993
 Ion Ratio Lower Upper
 152 100
 150 152.0 125.2 187.8
 115 73.7 58.4 87.6



#2
 1,4-Dioxane
 Concen: 0.145 ng
 RT: 3.112 min Scan# 32
 Delta R.T. 0.007 min
 Lab File: BN037252.D
 Acq: 14 Jun 2025 07:09

Tgt Ion: 88 Resp: 197
 Ion Ratio Lower Upper
 88 100
 43 236.5 52.6 79.0#
 58 90.9 73.5 110.3





#4

2-Fluorophenol

Concen: 0.140 ng

RT: 5.177 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN037252.D

Acq: 14 Jun 2025 07:09

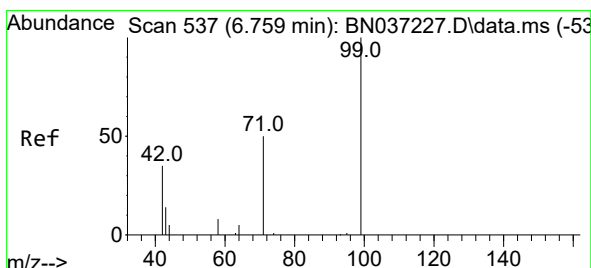
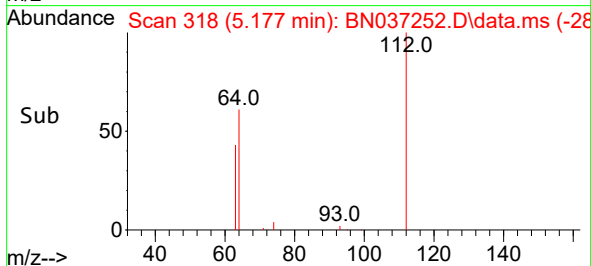
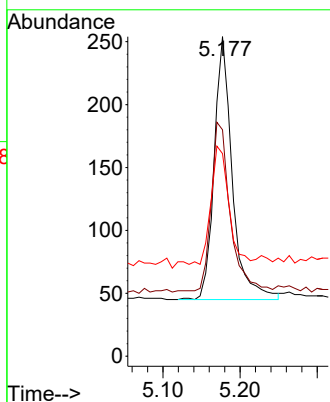
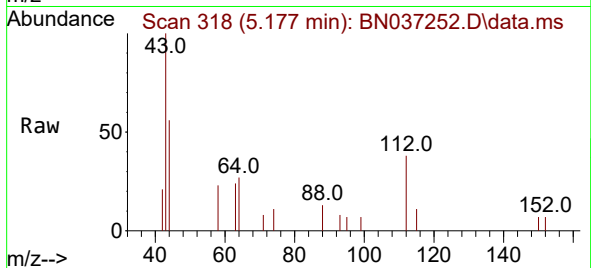
Instrument :

BNA_N

ClientSampleId :

RW10A-MW01S-20250609

Tgt Ion:	112	Resp:	342
Ion	Ratio	Lower	Upper
112	100		
64	66.1	57.2	85.8
63	43.6	39.8	59.6



#5

Phenol-d6

Concen: 0.066 ng

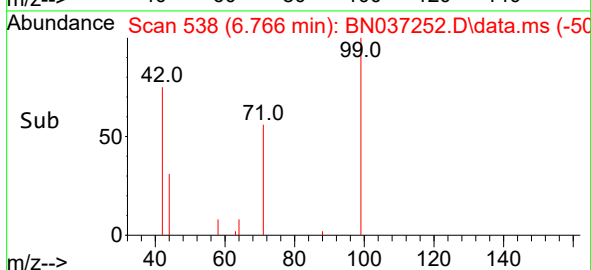
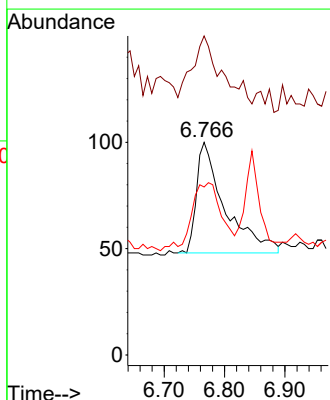
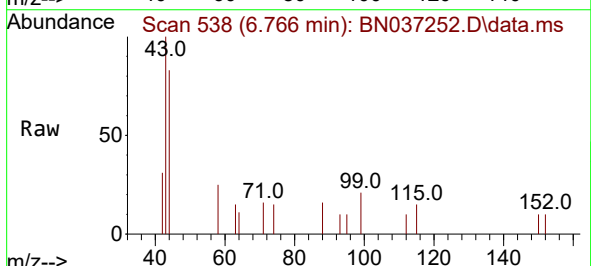
RT: 6.766 min Scan# 538

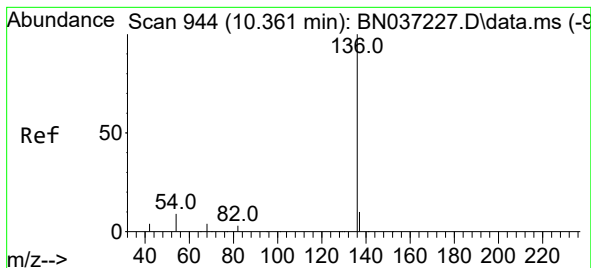
Delta R.T. 0.007 min

Lab File: BN037252.D

Acq: 14 Jun 2025 07:09

Tgt Ion:	99	Resp:	170
Ion	Ratio	Lower	Upper
99	100		
42	61.8	36.2	54.4#
71	65.3	42.4	63.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.351 min Scan# 944

Delta R.T. -0.011 min

Lab File: BN037252.D

Acq: 14 Jun 2025 07:09

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01S-20250609

Tgt Ion:136 Resp: 2388

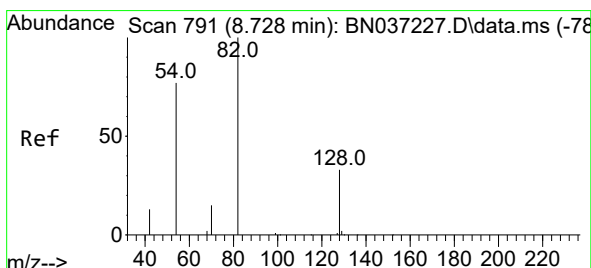
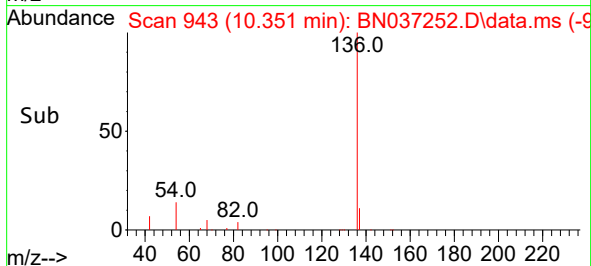
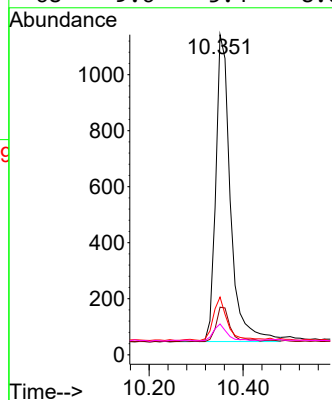
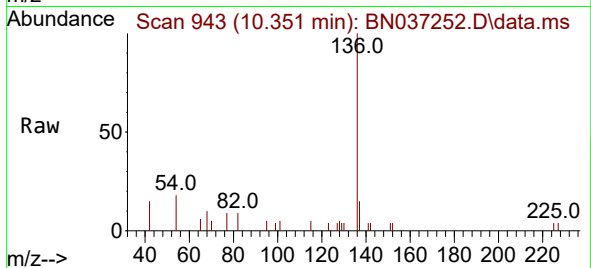
Ion Ratio Lower Upper

136 100

137 14.9 10.6 15.8

54 18.0 9.2 13.8#

68 9.6 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.289 ng

RT: 8.728 min Scan# 791

Delta R.T. 0.000 min

Lab File: BN037252.D

Acq: 14 Jun 2025 07:09

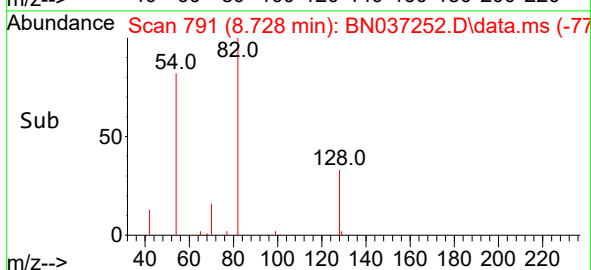
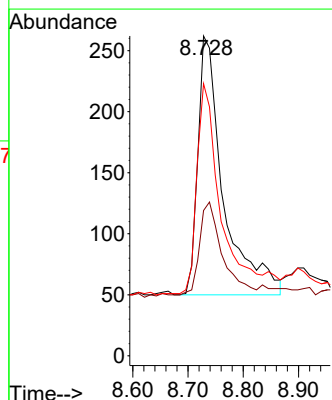
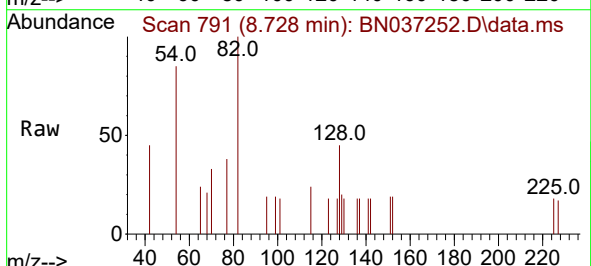
Tgt Ion: 82 Resp: 683

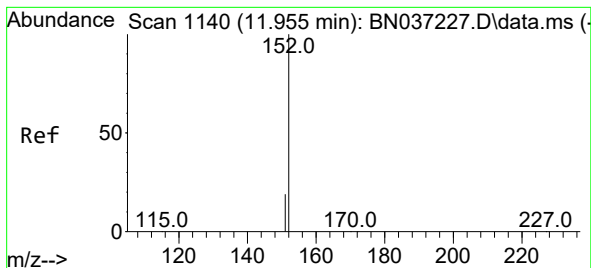
Ion Ratio Lower Upper

82 100

128 45.4 31.2 46.8

54 85.1 63.3 94.9

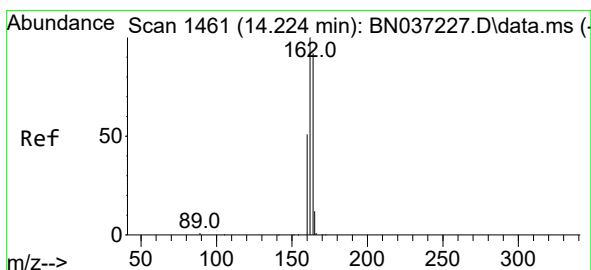
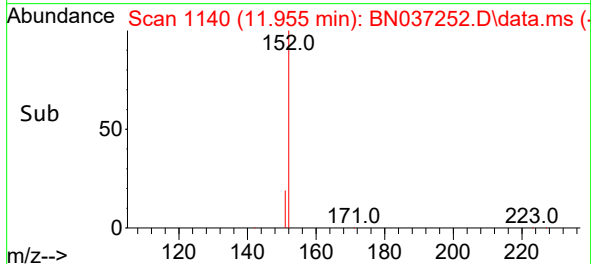
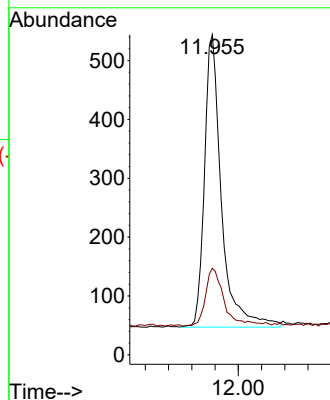
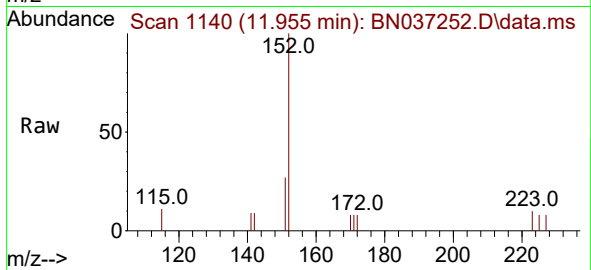




#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037252.D
Acq: 14 Jun 2025 07:09

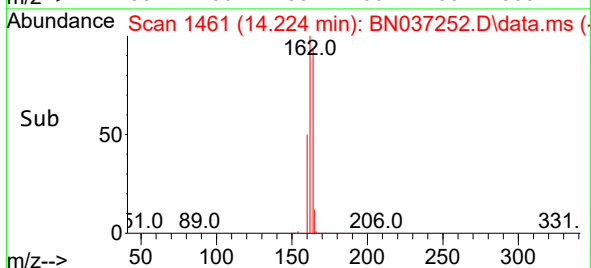
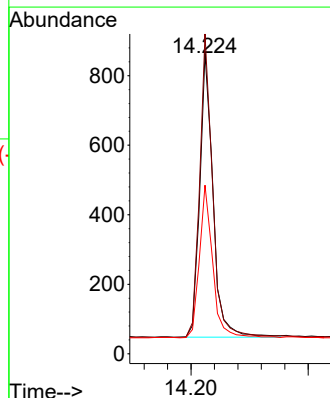
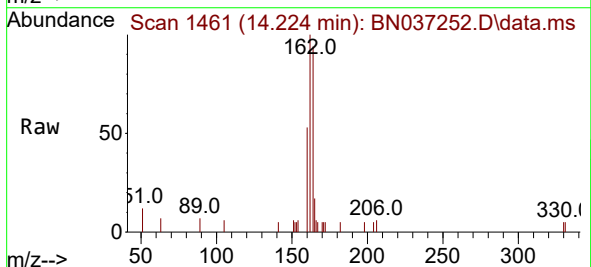
Instrument :
BNA_N
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RW10A-MW01S-20250609

Tgt Ion:152 Resp: 1008
Ion Ratio Lower Upper
152 100
151 22.7 17.9 26.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037252.D
Acq: 14 Jun 2025 07:09

Tgt Ion:164 Resp: 1287
Ion Ratio Lower Upper
164 100
162 106.4 86.7 130.1
160 56.1 45.8 68.6

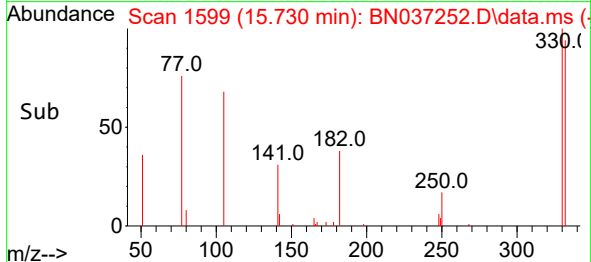
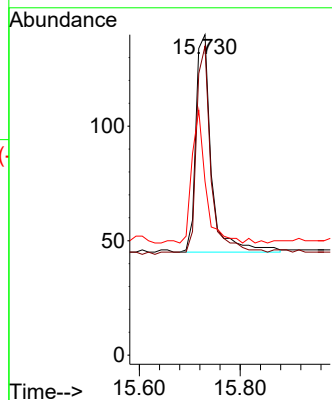
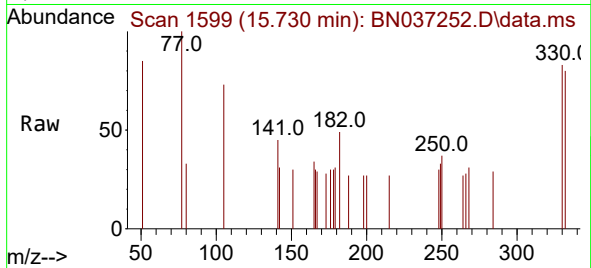




#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BN037252.D
Acq: 14 Jun 2025 07:09

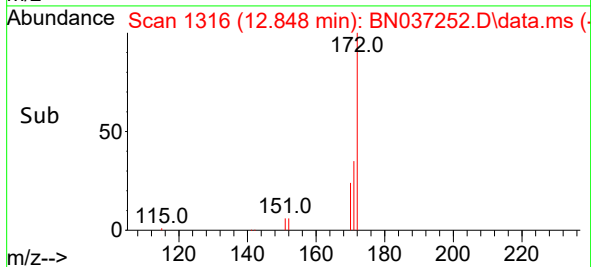
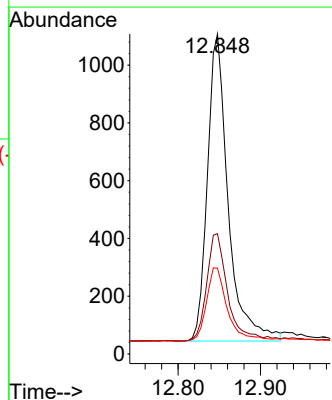
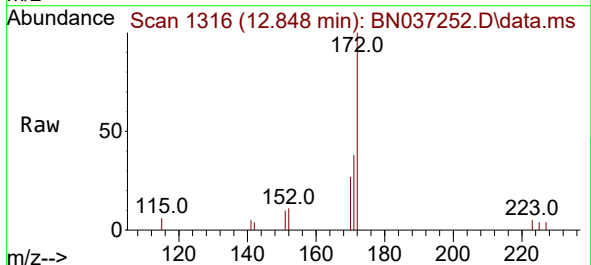
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ClientSampleId :
RW10A-MW01S-20250609

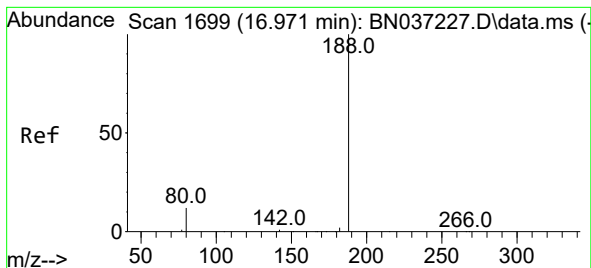
Tgt Ion:330 Resp: 204
Ion Ratio Lower Upper
330 100
332 86.3 74.9 112.3
141 56.9 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037252.D
Acq: 14 Jun 2025 07:09

Tgt Ion:172 Resp: 1863
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.8
170 26.8 21.1 31.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037252.D

Acq: 14 Jun 2025 07:09

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01S-20250609

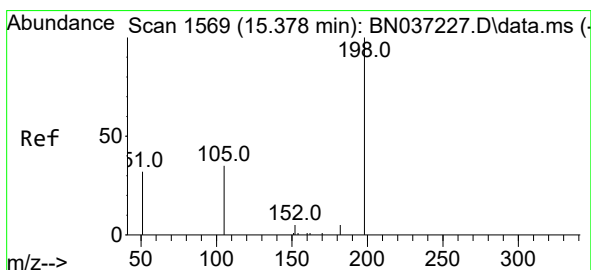
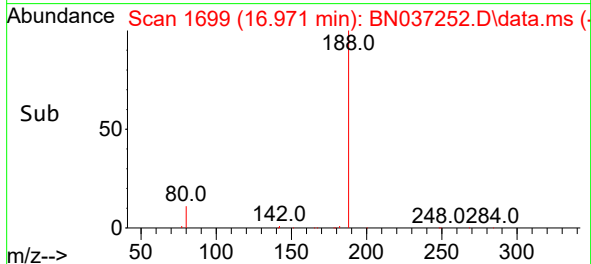
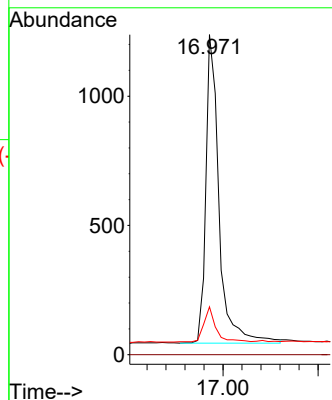
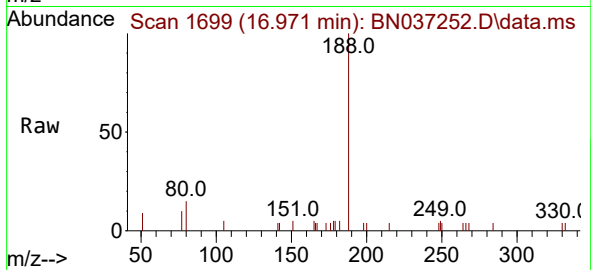
Tgt Ion:188 Resp: 2304

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.9 12.2 18.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.118 ng

RT: 15.378 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BN037252.D

Acq: 14 Jun 2025 07:09

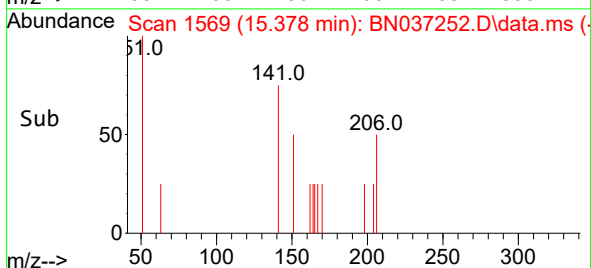
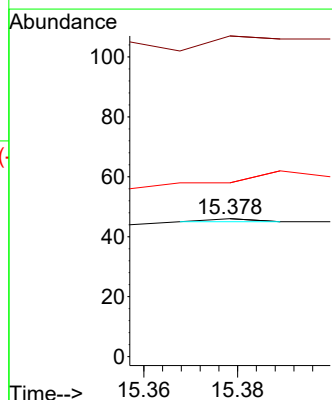
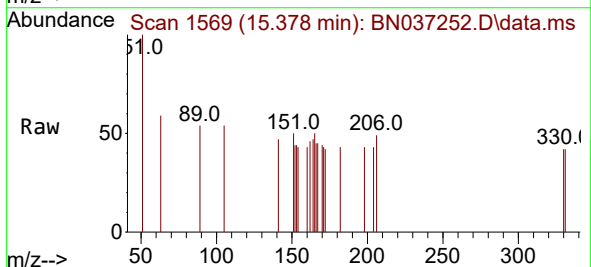
Tgt Ion:198 Resp: 1

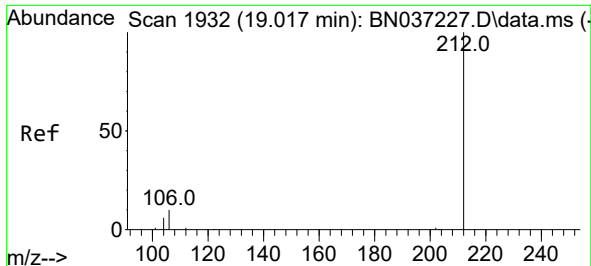
Ion Ratio Lower Upper

198 100

51 232.6 111.2 166.8#

105 126.1 54.0 81.0#

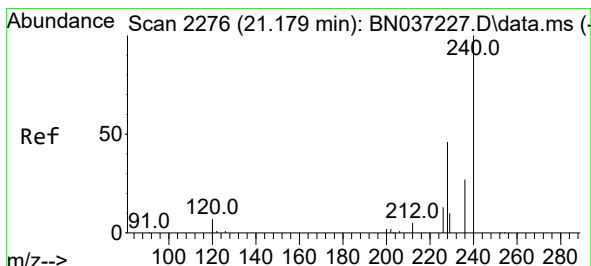
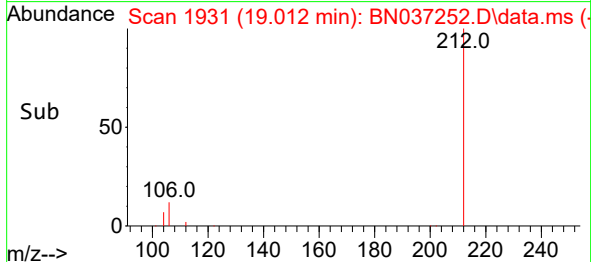
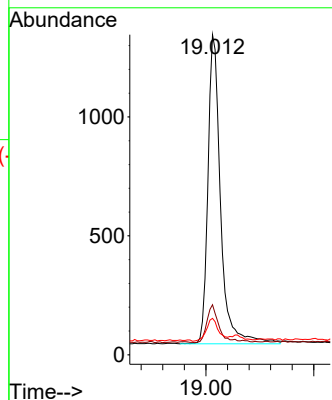
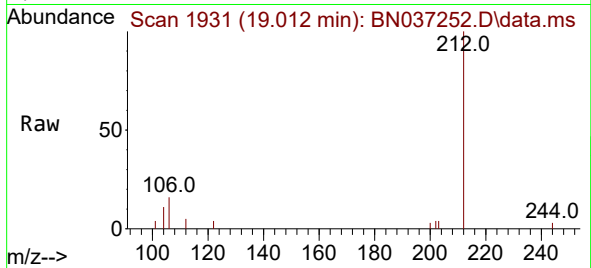




#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037252.D
Acq: 14 Jun 2025 07:09

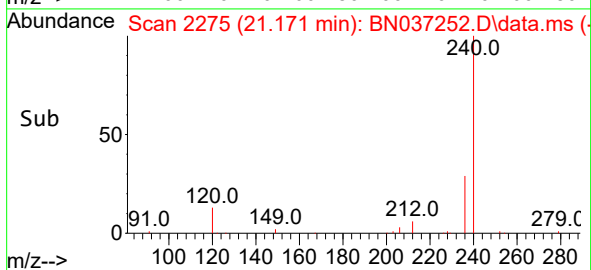
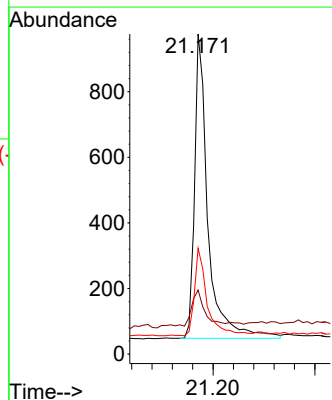
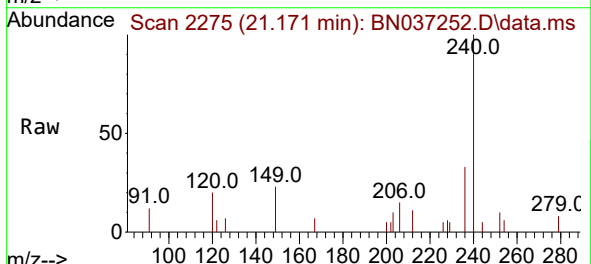
Instrument :
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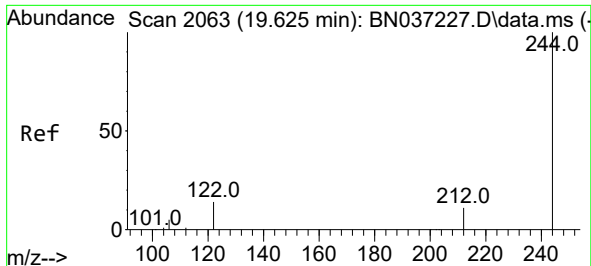
Tgt Ion:212 Resp: 2126
Ion Ratio Lower Upper
212 100
106 11.5 9.3 13.9
104 7.1 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BN037252.D
Acq: 14 Jun 2025 07:09

Tgt Ion:240 Resp: 1687
Ion Ratio Lower Upper
240 100
120 20.0 11.3 16.9#
236 33.1 24.4 36.6

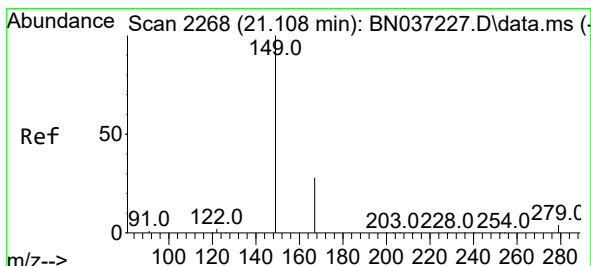
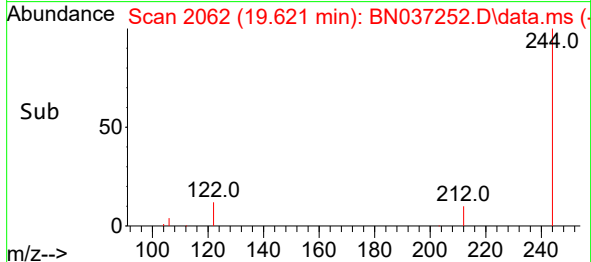
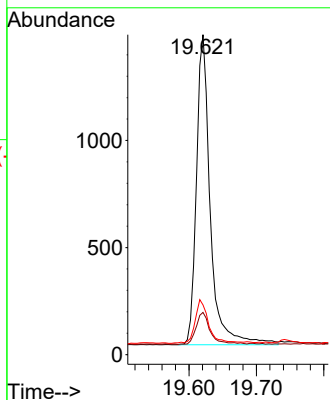
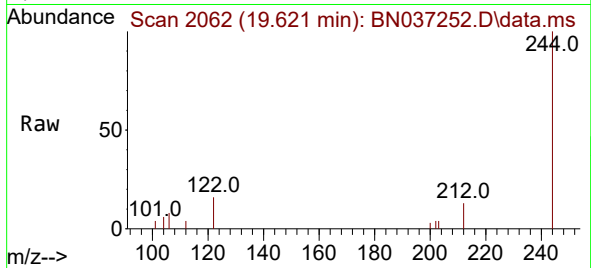




#31
 Terphenyl-d14
 Concen: 0.542 ng
 RT: 19.621 min Scan# 2063
 Delta R.T. -0.005 min
 Lab File: BN037252.D
 Acq: 14 Jun 2025 07:09

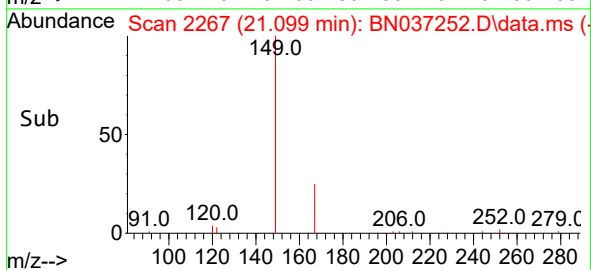
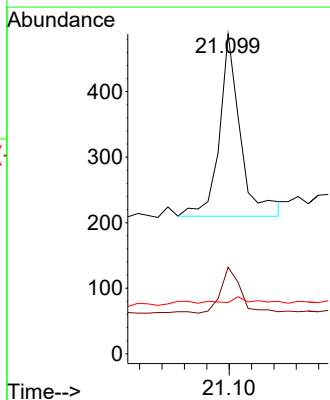
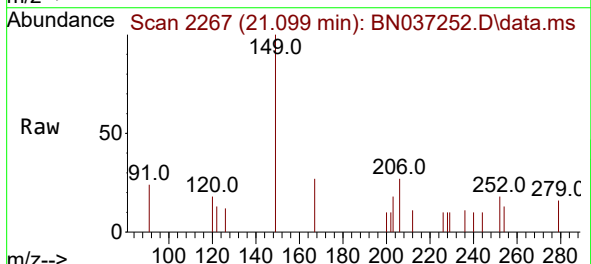
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 ClientSampleId :
 RW10A-MW01S-20250609

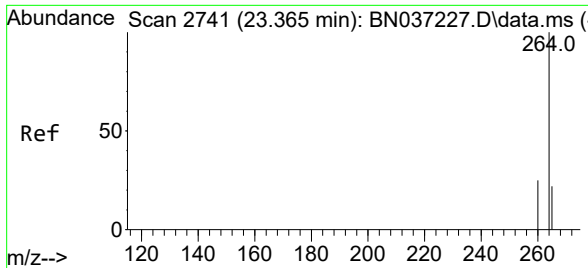
Tgt Ion:244	Resp:	2066
Ion Ratio	Lower	Upper
244	100	
212	13.2	12.2 18.2
122	15.5	14.3 21.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 21.099 min Scan# 2267
 Delta R.T. -0.009 min
 Lab File: BN037252.D
 Acq: 14 Jun 2025 07:09

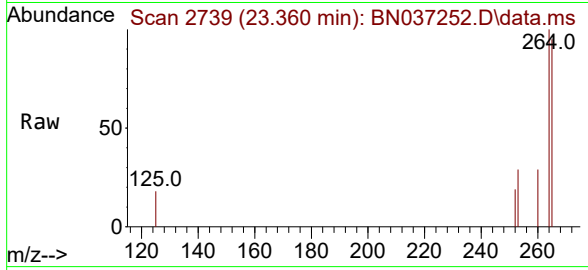
Tgt Ion:149	Resp:	362
Ion Ratio	Lower	Upper
149	100	
167	24.6	21.3 31.9
279	3.9	3.3 4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.360 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037252.D
Acq: 14 Jun 2025 07:09

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20250609



Tgt Ion:264 Resp: 1690

Ion	Ratio	Lower	Upper
264	100		
260	29.2	22.8	34.2
265	94.7	66.4	99.6

