

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037253.D
 Acq On : 14 Jun 2025 07:46
 Operator : RC/JU
 Sample : Q2299-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20250609

Quant Time: Jun 16 01:01:02 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)

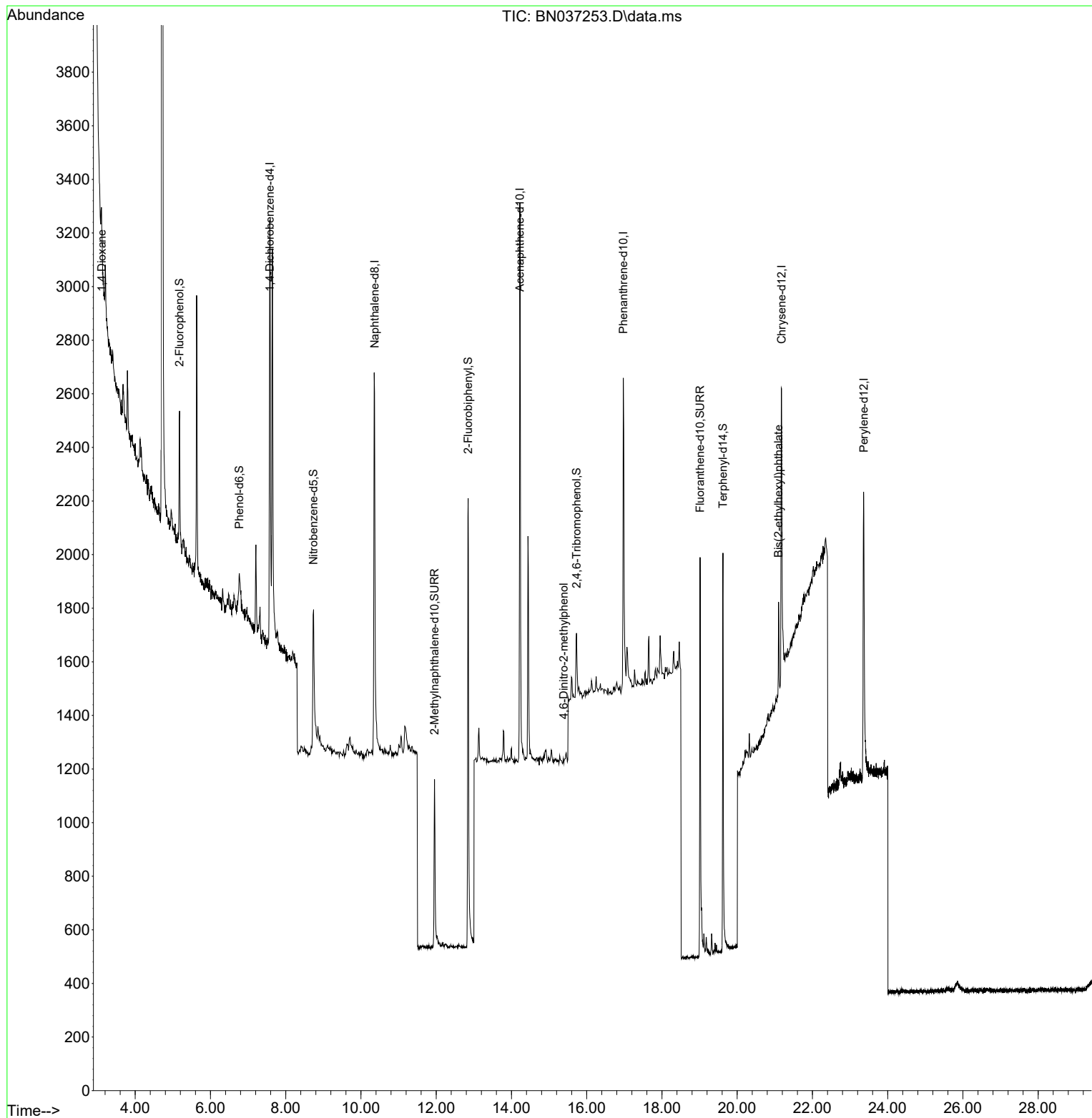
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	968	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	2339	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1252	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2096	0.400	ng	0.00
29) Chrysene-d12	21.180	240	1604	0.400	ng	# 0.00
35) Perylene-d12	23.363	264	1645	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	381	0.160	ng	0.00
5) Phenol-d6	6.766	99	175	0.070	ng	0.00
8) Nitrobenzene-d5	8.739	82	747	0.323	ng	0.01
11) 2-Methylnaphthalene-d10	11.955	152	1044	0.333	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	185	0.356	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	1914	0.364	ng	0.00
27) Fluoranthene-d10	19.012	212	2031	0.370	ng	0.00
31) Terphenyl-d14	19.621	244	1700	0.469	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.112	88	52	0.039	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.389	198	1	0.118	ng	# 34
34) Bis(2-ethylhexyl)phtha...	21.099	149	359	0.089	ng	# 97

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

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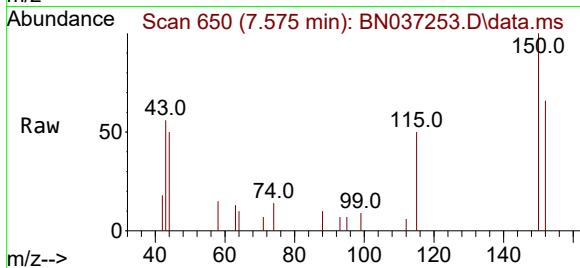
Quant Time: Jun 16 01:01:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
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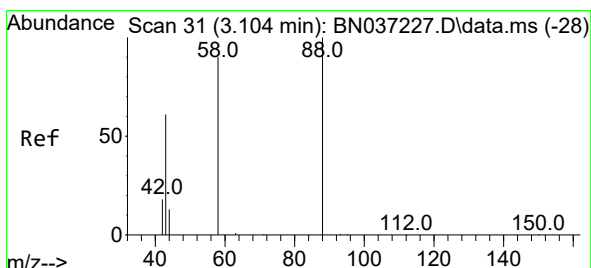
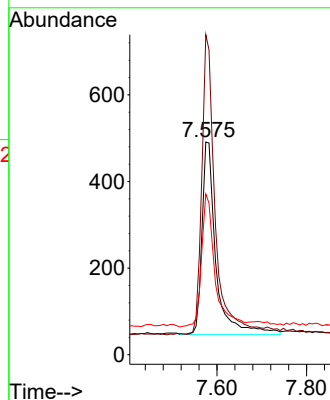
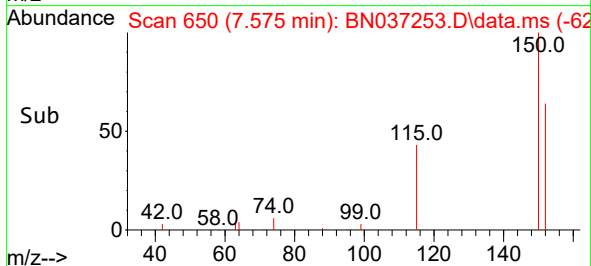


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037253.D
 Acq: 14 Jun 2025 07:46

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20250609

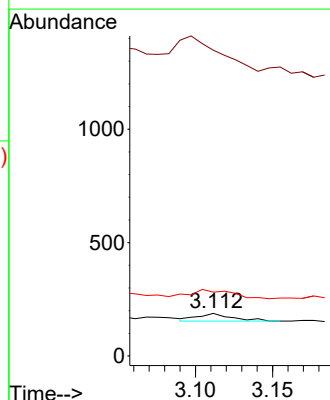
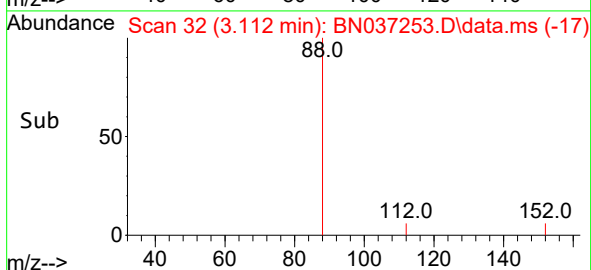
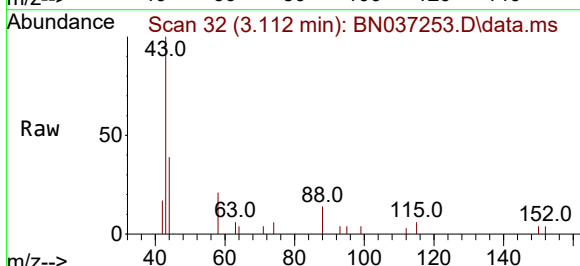


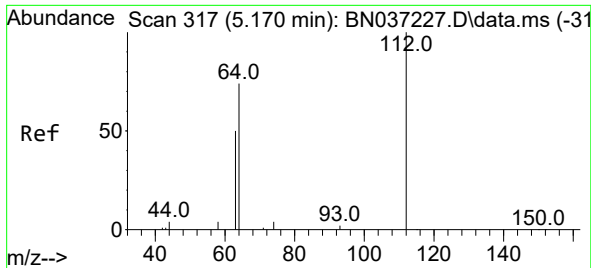
Tgt Ion:152 Resp: 968
 Ion Ratio Lower Upper
 152 100
 150 150.5 125.2 187.8
 115 75.6 58.4 87.6



#2
 1,4-Dioxane
 Concen: 0.039 ng
 RT: 3.112 min Scan# 32
 Delta R.T. 0.007 min
 Lab File: BN037253.D
 Acq: 14 Jun 2025 07:46

Tgt Ion: 88 Resp: 52
 Ion Ratio Lower Upper
 88 100
 43 913.5 52.6 79.0#
 58 144.2 73.5 110.3#

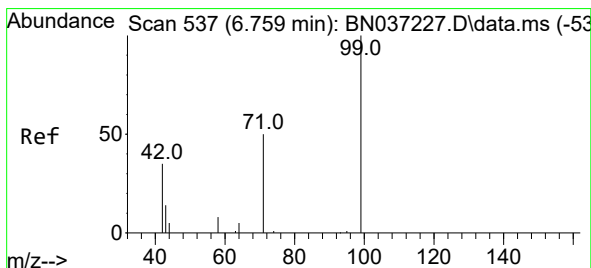
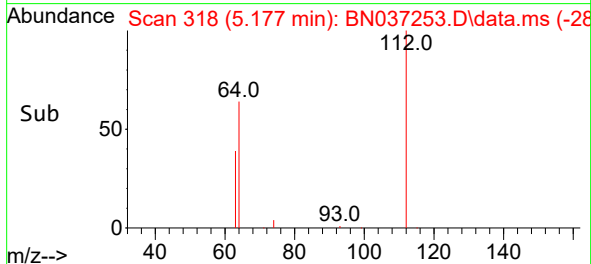
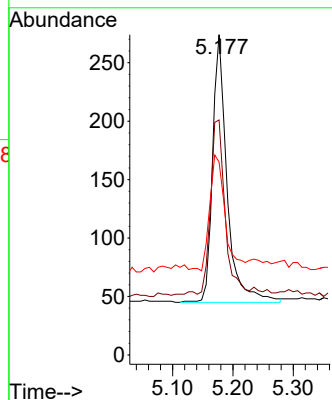
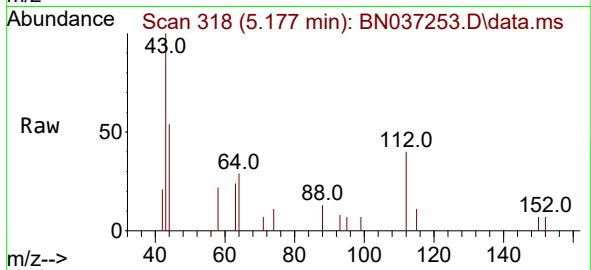




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037253.D
Acq: 14 Jun 2025 07:46

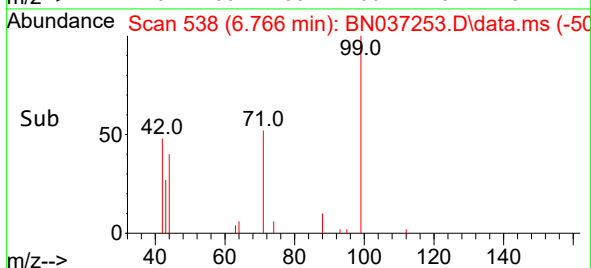
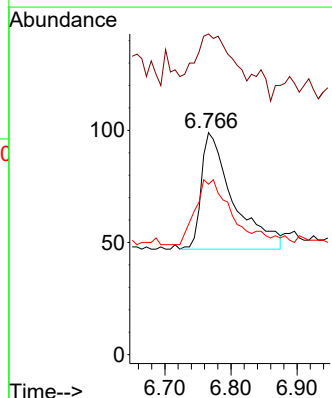
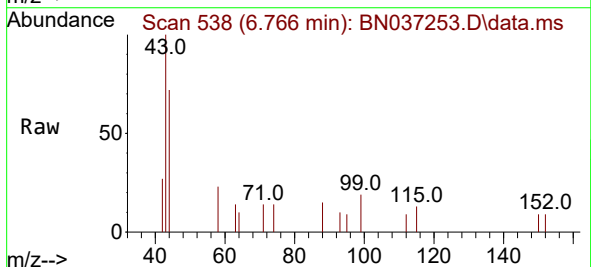
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01-20250609

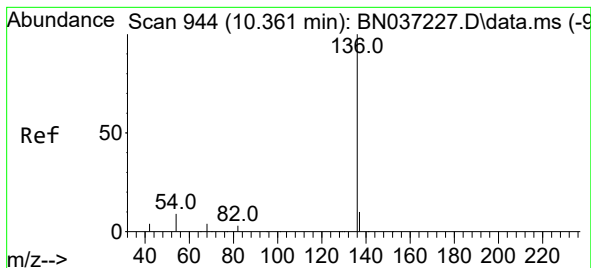
Tgt Ion:	112	Resp:	381
Ion	Ratio	Lower	Upper
112	100		
64	66.9	57.2	85.8
63	43.0	39.8	59.6



#5
Phenol-d6
Concen: 0.070 ng
RT: 6.766 min Scan# 538
Delta R.T. 0.007 min
Lab File: BN037253.D
Acq: 14 Jun 2025 07:46

Tgt Ion:	99	Resp:	175
Ion	Ratio	Lower	Upper
99	100		
42	43.4	36.2	54.4
71	58.9	42.4	63.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.362 min Scan# 944

Delta R.T. 0.000 min

Lab File: BN037253.D

Acq: 14 Jun 2025 07:46

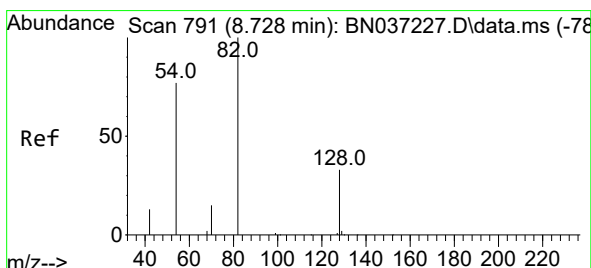
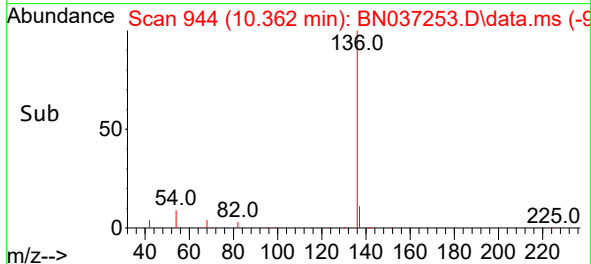
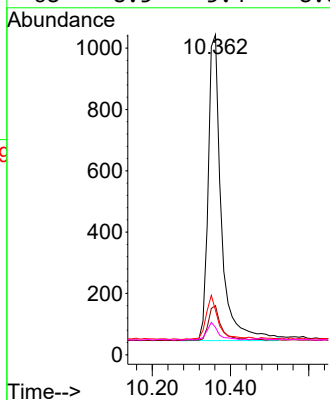
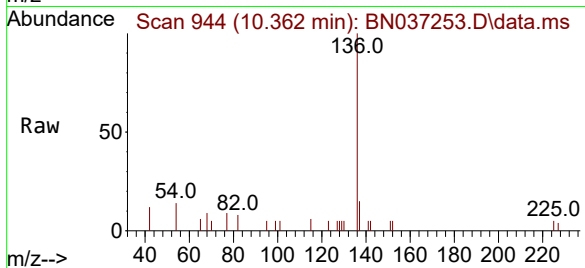
Instrument :

BNA_N

ClientSampleId :

RW10A-MW01I-20250609

Tgt Ion:	136	Resp:	2339
Ion	Ratio	Lower	Upper
136	100		
137	15.3	10.6	15.8
54	13.9	9.2	13.8#
68	8.5	5.4	8.0#



#8

Nitrobenzene-d5

Concen: 0.323 ng

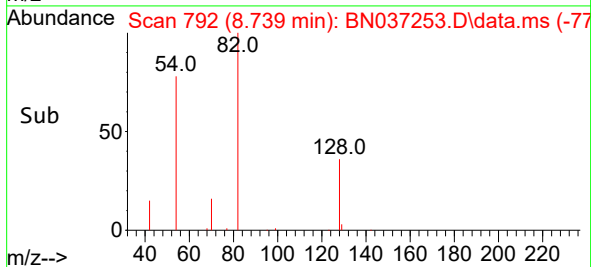
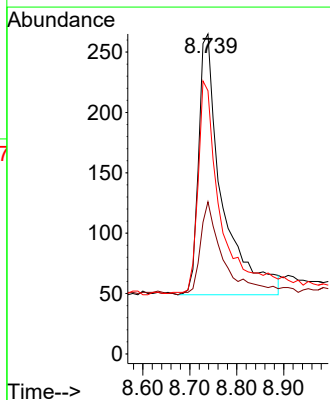
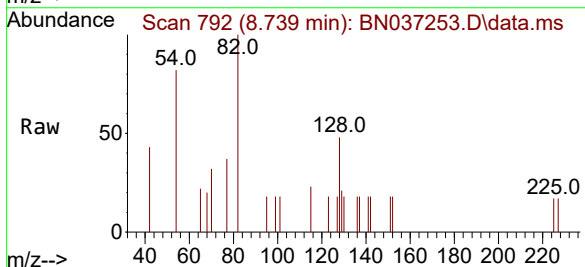
RT: 8.739 min Scan# 792

Delta R.T. 0.011 min

Lab File: BN037253.D

Acq: 14 Jun 2025 07:46

Tgt Ion:	82	Resp:	747
Ion	Ratio	Lower	Upper
82	100		
128	47.5	31.2	46.8#
54	82.3	63.3	94.9

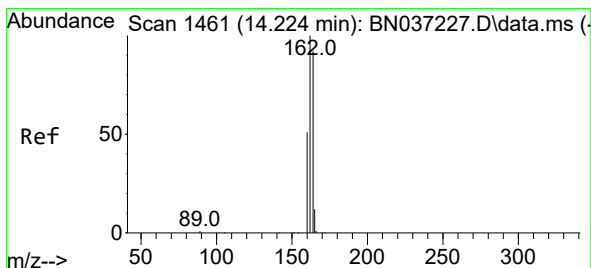
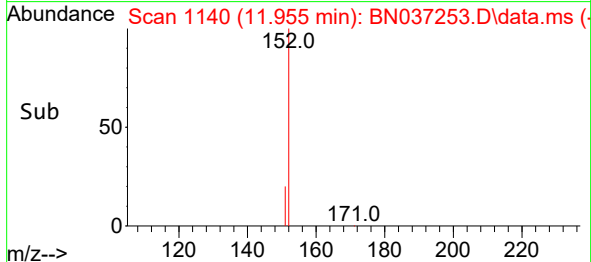
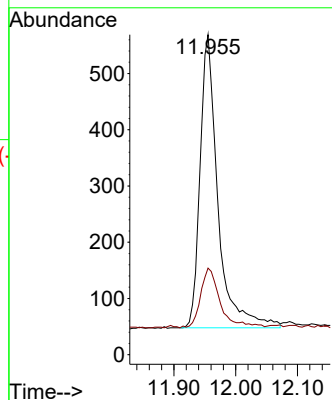
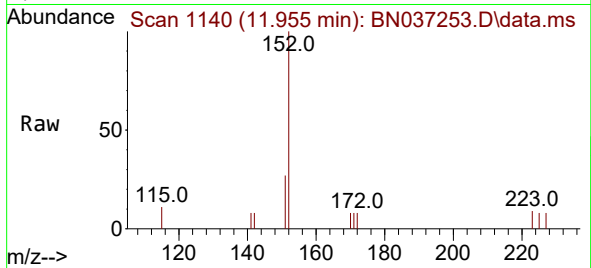




#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037253.D
Acq: 14 Jun 2025 07:46

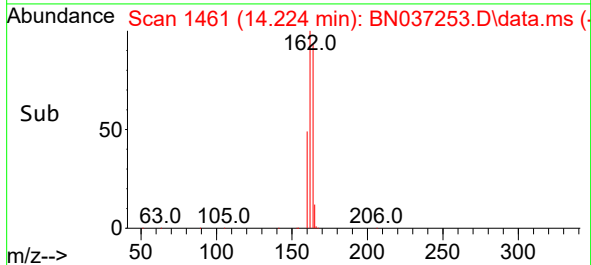
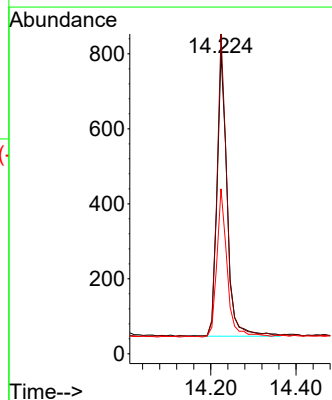
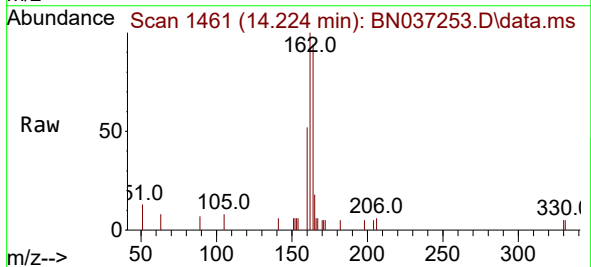
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20250609

Tgt Ion:152 Resp: 1044
Ion Ratio Lower Upper
152 100
151 22.3 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: BN037253.D
Acq: 14 Jun 2025 07:46

Tgt Ion:164 Resp: 1252
Ion Ratio Lower Upper
164 100
162 106.2 86.7 130.1
160 54.8 45.8 68.6

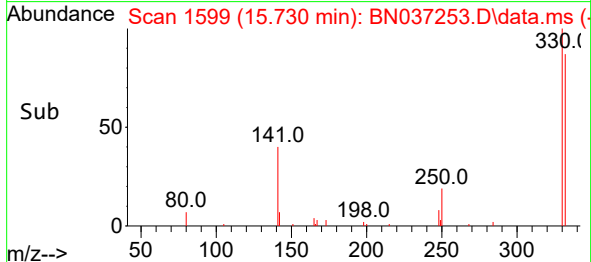
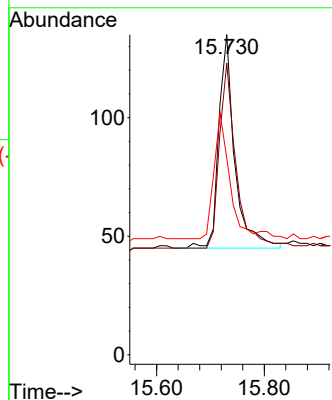
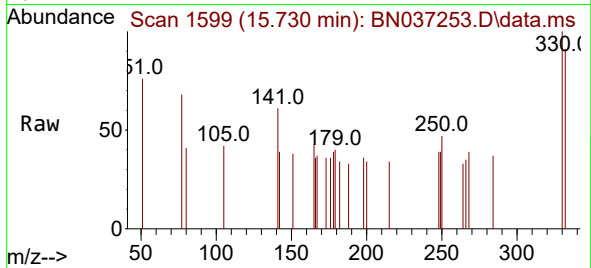




#14
2,4,6-Tribromophenol
Concen: 0.356 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BN037253.D
Acq: 14 Jun 2025 07:46

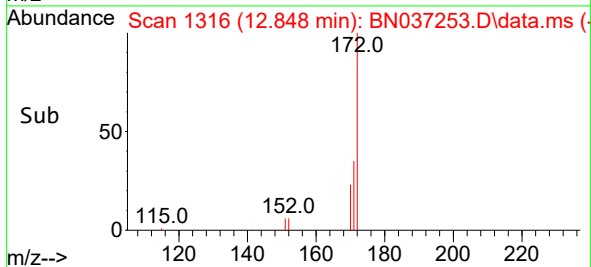
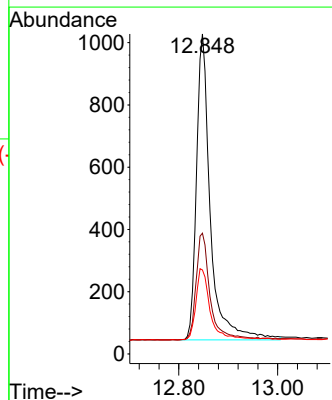
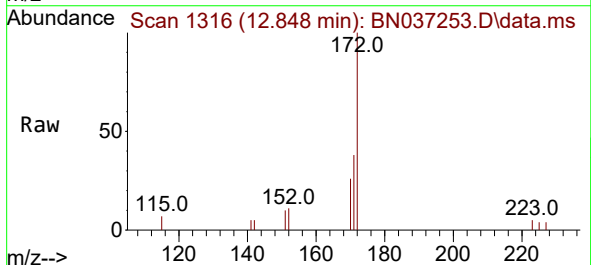
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BNA_N
ClientSampleId :
RW10A-MW01I-20250609

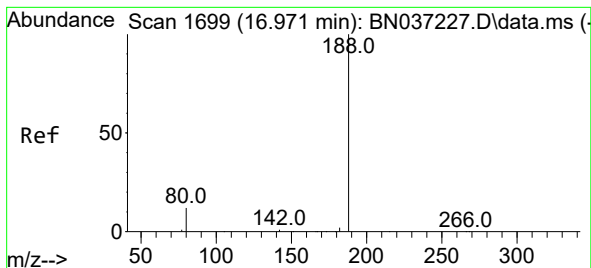
Tgt Ion:330 Resp: 185
Ion Ratio Lower Upper
330 100
332 92.4 74.9 112.3
141 59.5 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037253.D
Acq: 14 Jun 2025 07:46

Tgt Ion:172 Resp: 1914
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.8
170 26.3 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: BN037253.D

Acq: 14 Jun 2025 07:46

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01I-20250609

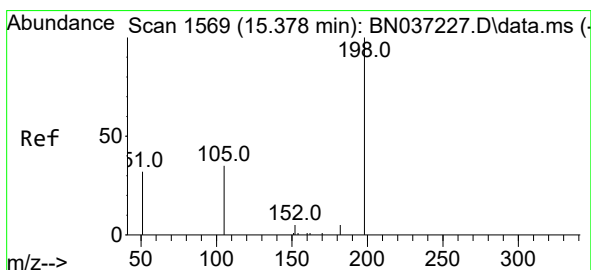
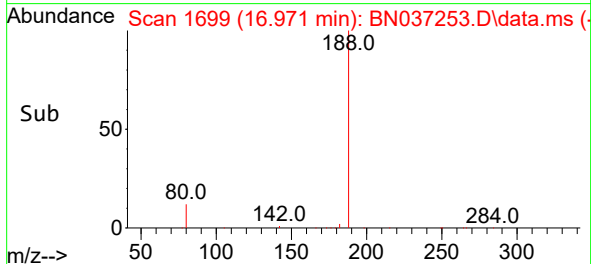
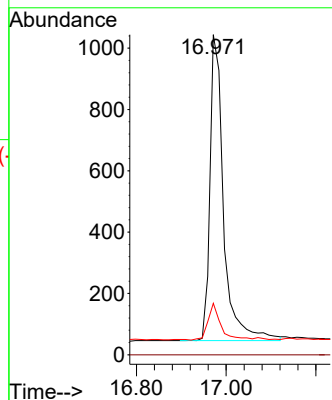
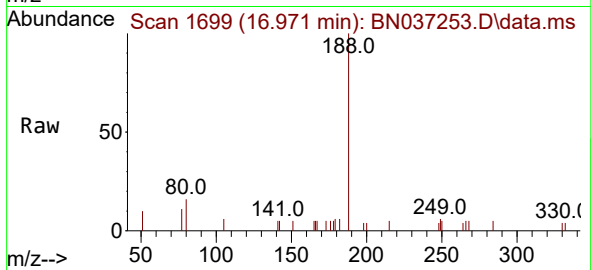
Tgt Ion:188 Resp: 2096

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.1 12.2 18.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.118 ng

RT: 15.389 min Scan# 1570

Delta R.T. 0.011 min

Lab File: BN037253.D

Acq: 14 Jun 2025 07:46

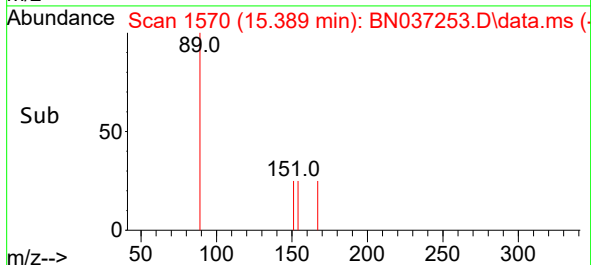
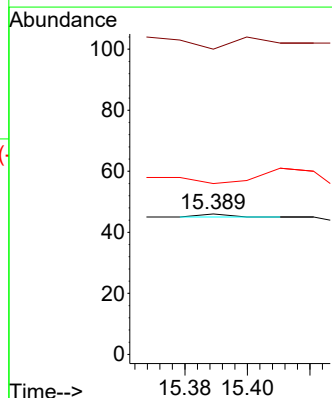
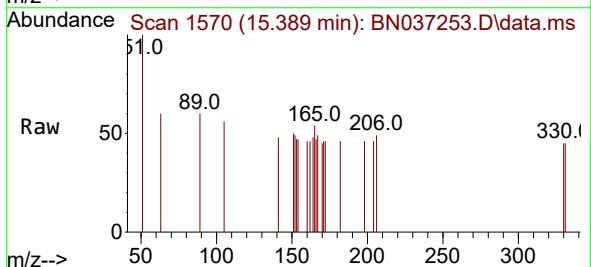
Tgt Ion:198 Resp: 1

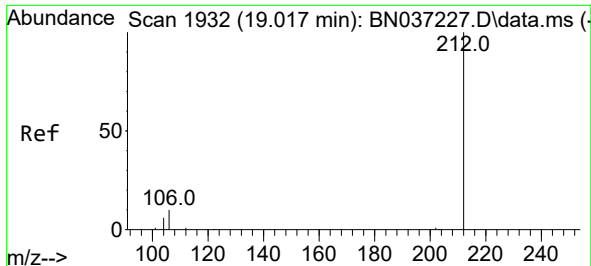
Ion Ratio Lower Upper

198 100

51 217.4 111.2 166.8#

105 121.7 54.0 81.0#

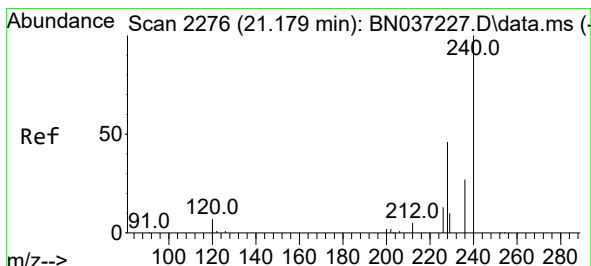
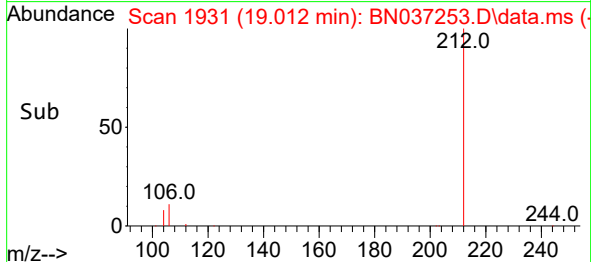
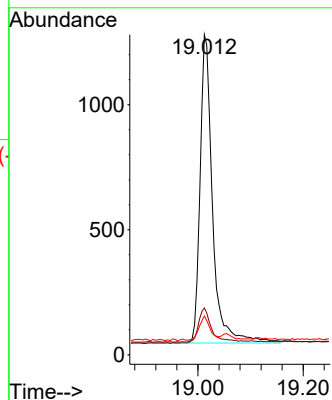
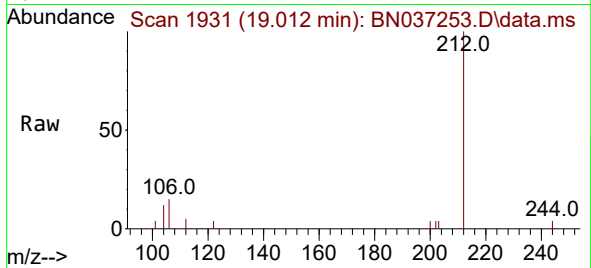




#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037253.D
Acq: 14 Jun 2025 07:46

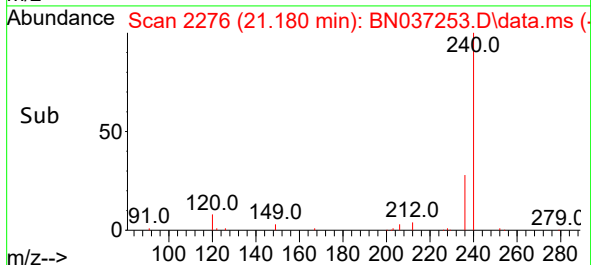
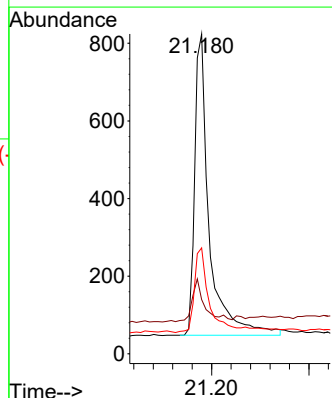
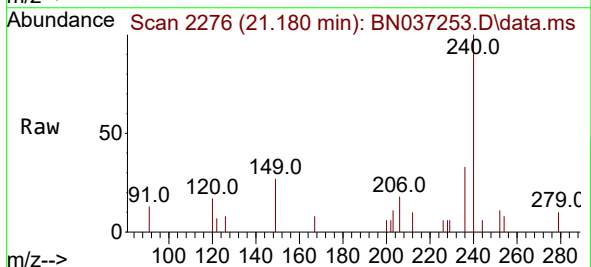
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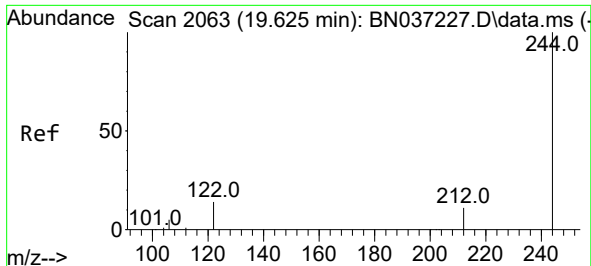
Tgt Ion:212 Resp: 2031
Ion Ratio Lower Upper
212 100
106 11.3 9.3 13.9
104 6.8 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BN037253.D
Acq: 14 Jun 2025 07:46

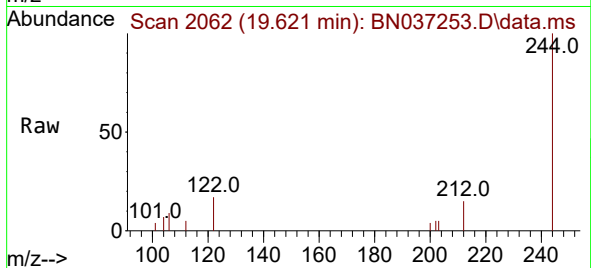
Tgt Ion:240 Resp: 1604
Ion Ratio Lower Upper
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120 17.0 11.3 16.9#
236 33.1 24.4 36.6



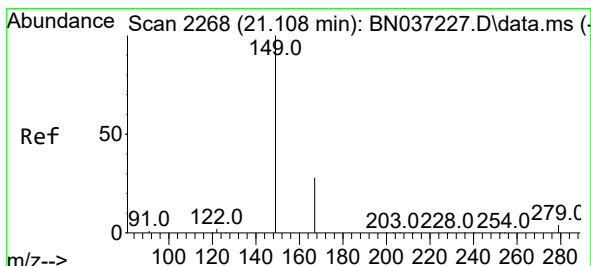
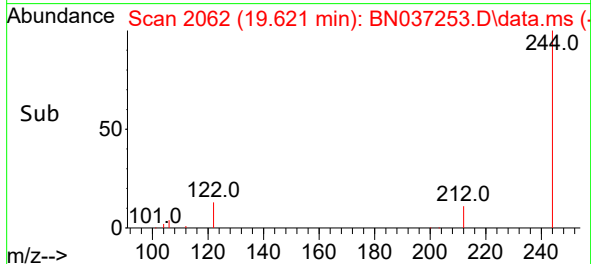
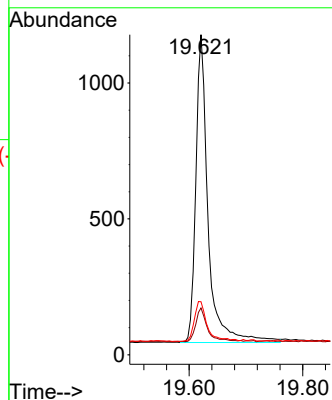


#31
Terphenyl-d14
Concen: 0.469 ng
RT: 19.621 min Scan# 2062
Delta R.T. -0.005 min
Lab File: BN037253.D
Acq: 14 Jun 2025 07:46

Instrument :
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ClientSampleId :
RW10A-MW01I-20250609

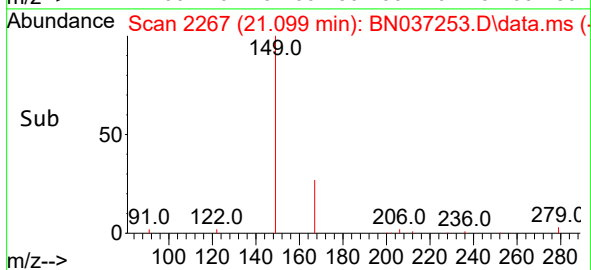
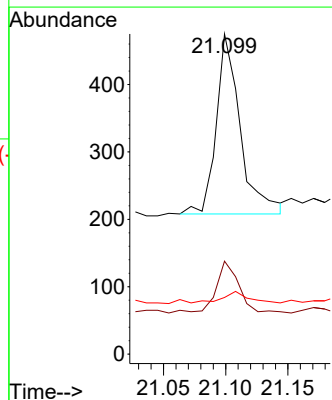
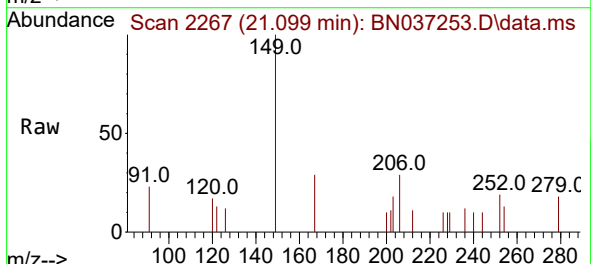


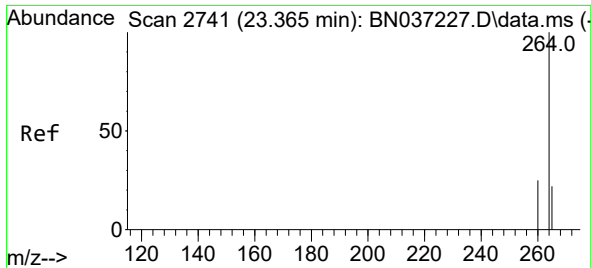
Tgt Ion:244 Resp: 1700
Ion Ratio Lower Upper
244 100
212 14.6 12.2 18.2
122 16.6 14.3 21.5



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.089 ng
RT: 21.099 min Scan# 2267
Delta R.T. -0.009 min
Lab File: BN037253.D
Acq: 14 Jun 2025 07:46

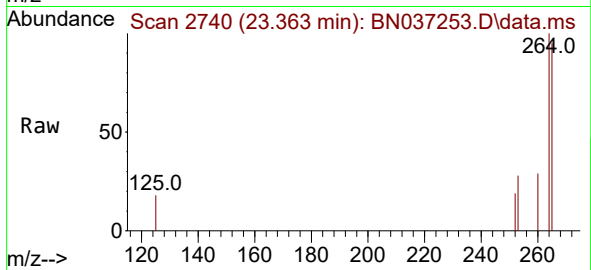
Tgt Ion:149 Resp: 359
Ion Ratio Lower Upper
149 100
167 27.6 21.3 31.9
279 7.0 3.3 4.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.363 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN037253.D
 Acq: 14 Jun 2025 07:46

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20250609



Tgt Ion: 264 Resp: 1645

Ion	Ratio	Lower	Upper
264	100		
260	28.7	22.8	34.2
265	95.4	66.4	99.6

