

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038188.D
 Acq On : 12 Nov 2025 12:32
 Operator : RC/JU
 Sample : Q3584-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-1

Quant Time: Nov 12 12:56:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

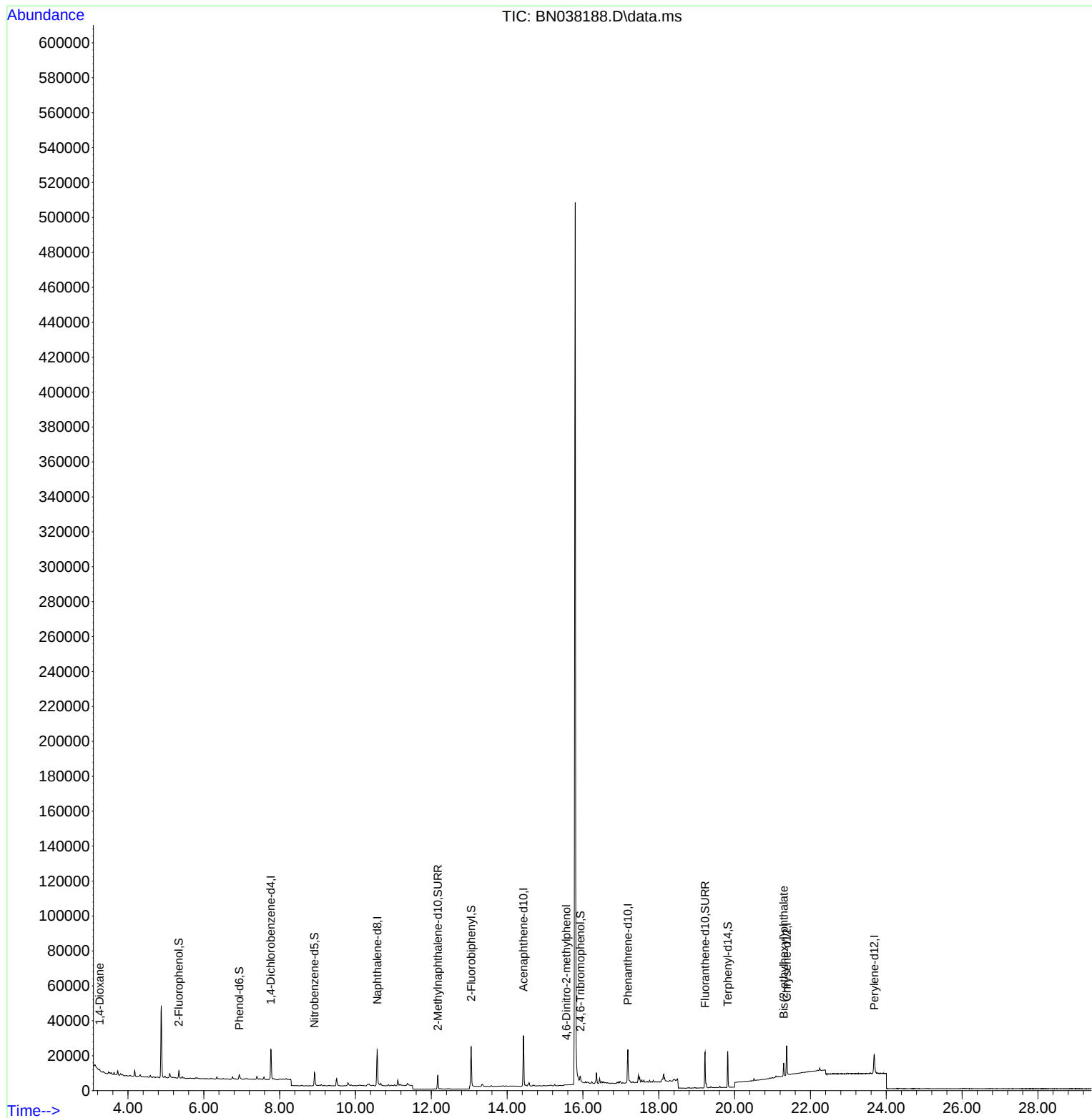
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8885	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	28328	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	16595	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	28494	0.400	ng	0.00
29) Chrysene-d12	21.375	240	16713	0.400	ng	0.00
35) Perylene-d12	23.683	264	16215	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3311	0.158	ng	0.00
5) Phenol-d6	6.937	99	2571	0.101	ng	0.00
8) Nitrobenzene-d5	8.918	82	6816	0.298	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	11208	0.277	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2344	0.343	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	19900	0.299	ng	0.00
27) Fluoranthene-d10	19.220	212	22989	0.320	ng	0.00
31) Terphenyl-d14	19.819	244	19399	0.534	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	511	0.056	ng	# 5
20) 4,6-Dinitro-2-methylph...	15.560	198	16	0.186	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	7281	0.232	ng	96

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

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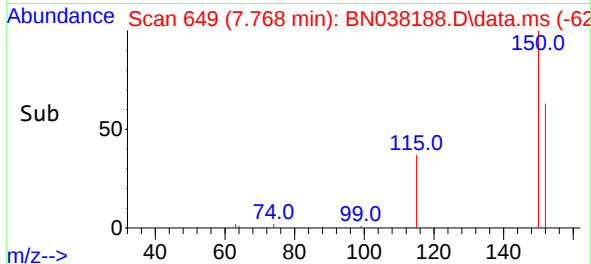
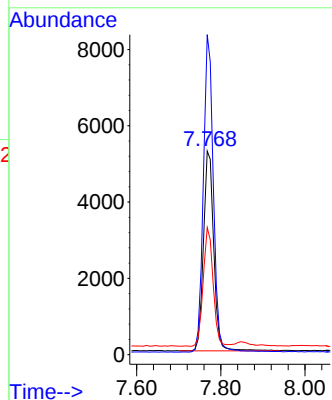
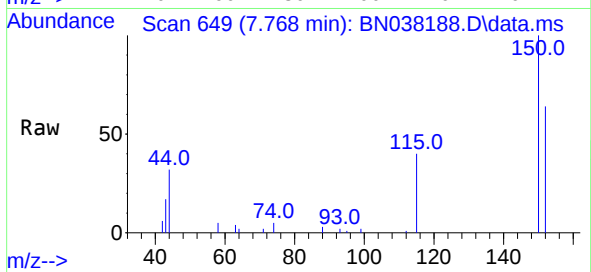




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

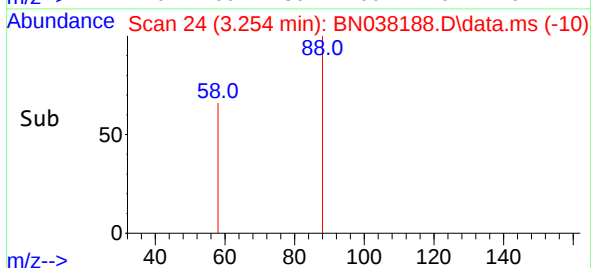
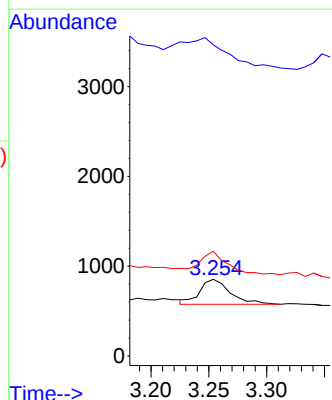
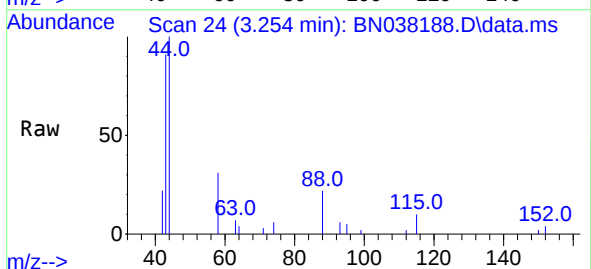
Instrument :
BNA_N
ClientSampleId :
SW-1

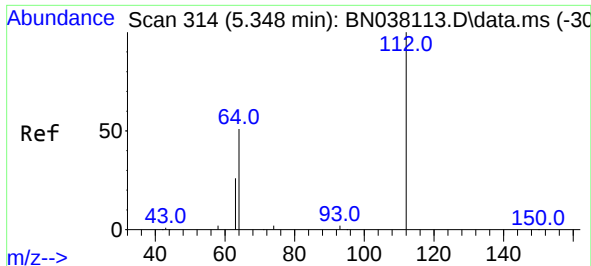
Tgt Ion:152 Resp: 8885
Ion Ratio Lower Upper
152 100
150 157.2 122.3 183.5
115 62.4 47.4 71.0



#2
1,4-Dioxane
Concen: 0.056 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion: 88 Resp: 511
Ion Ratio Lower Upper
88 100
43 202.9 24.3 36.5#
58 80.4 60.4 90.6

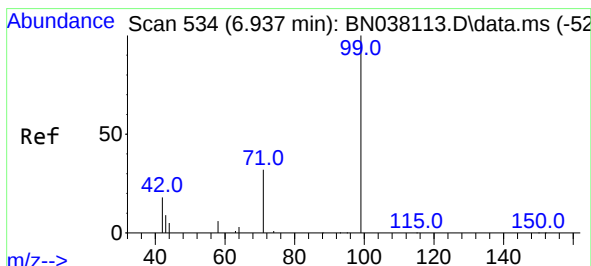
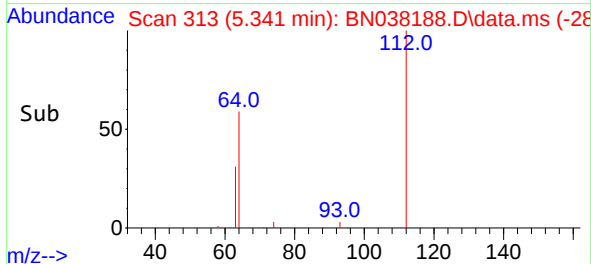
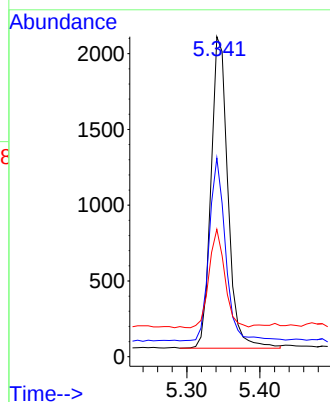
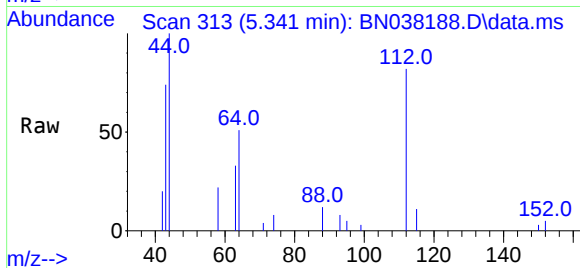




#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

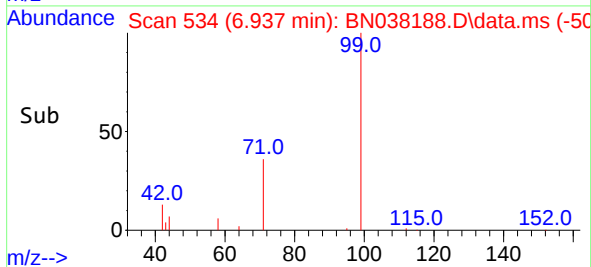
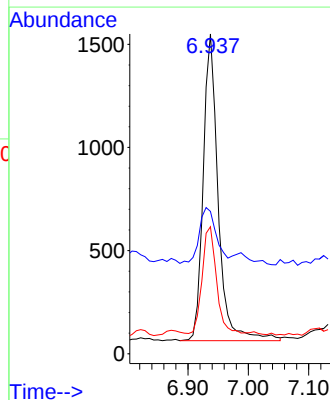
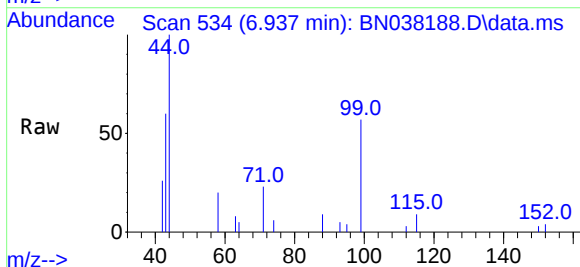
Instrument :
BNA_N
ClientSampleId :
SW-1

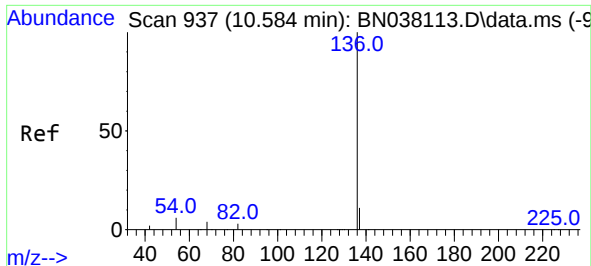
Tgt Ion:112 Resp: 3311
Ion Ratio Lower Upper
112 100
64 56.6 45.4 68.0
63 29.3 23.2 34.8



#5
Phenol-d6
Concen: 0.101 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion: 99 Resp: 2571
Ion Ratio Lower Upper
99 100
42 20.5 16.6 24.8
71 33.2 25.4 38.2

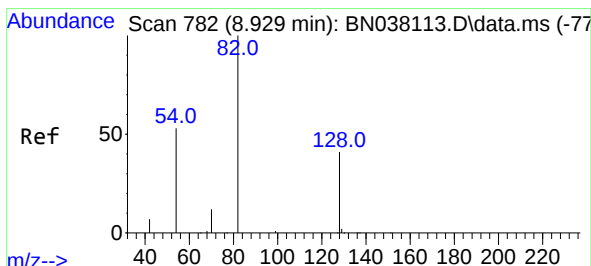
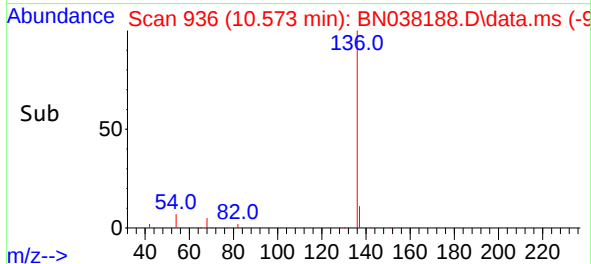
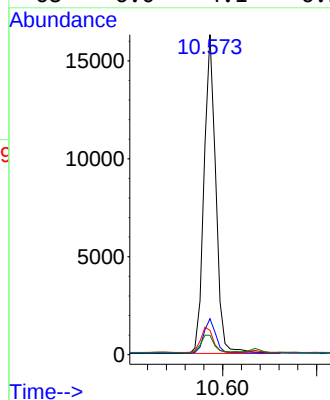
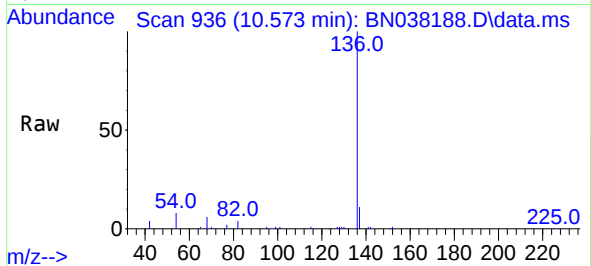




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

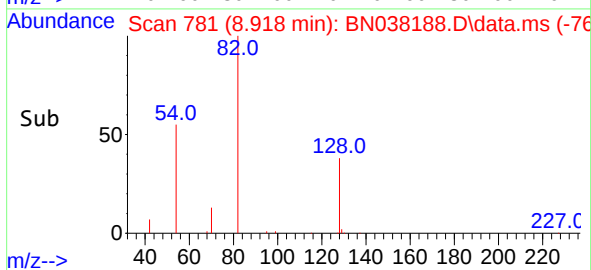
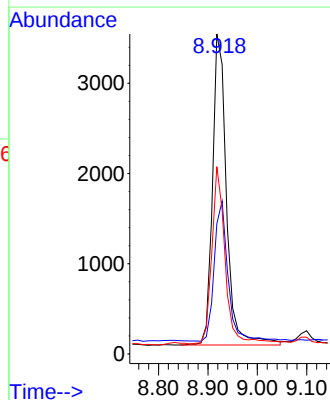
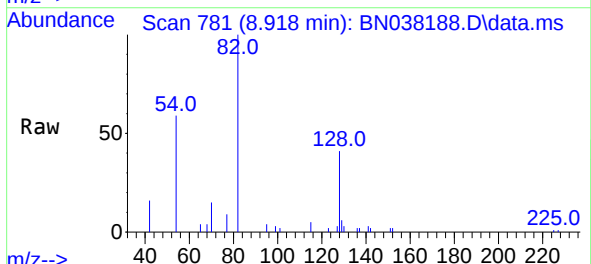
Instrument :
BNA_N
ClientSampleId :
SW-1

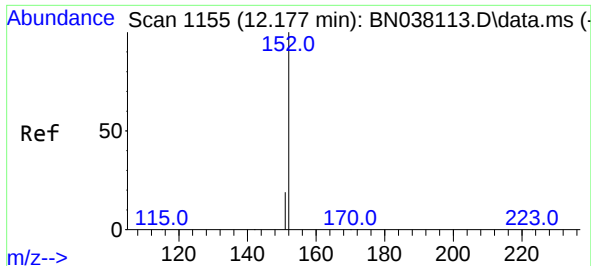
Tgt Ion:	136	Resp:	28328
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	7.6	5.2	7.8
68	6.0	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion:	82	Resp:	6816
Ion Ratio	Lower	Upper	
82	100		
128	40.7	34.1	51.1
54	58.6	43.5	65.3

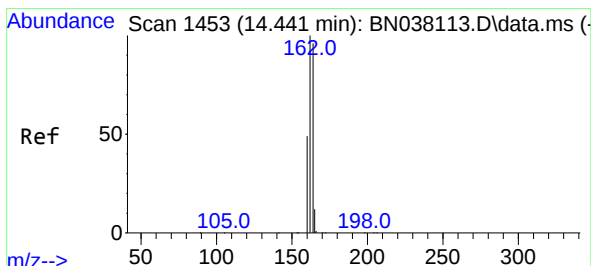
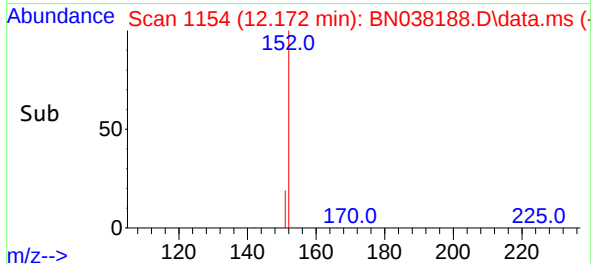
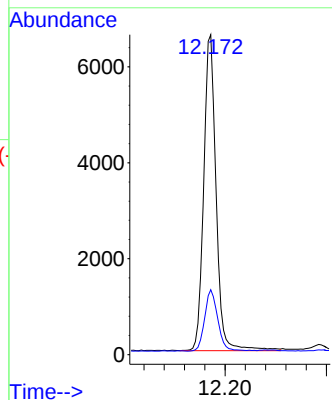
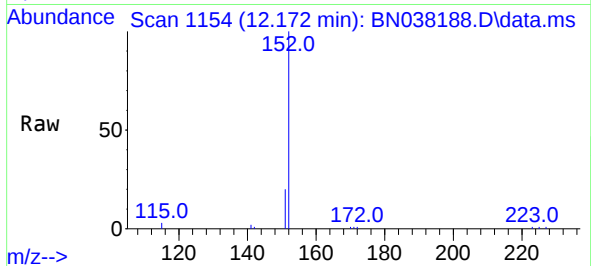




#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.172 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

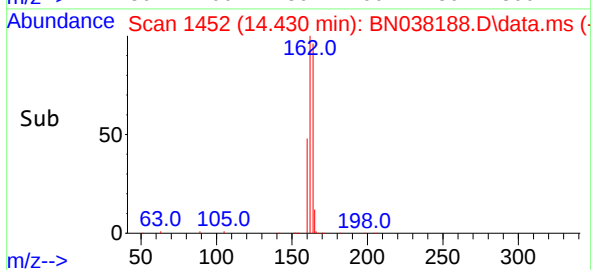
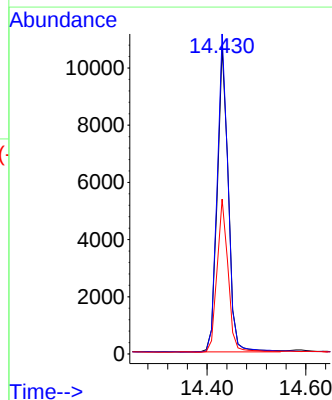
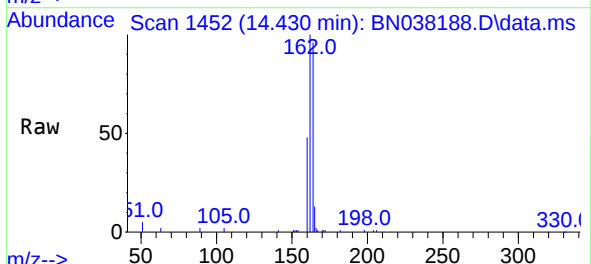
Instrument :
BNA_N
ClientSampleId :
SW-1

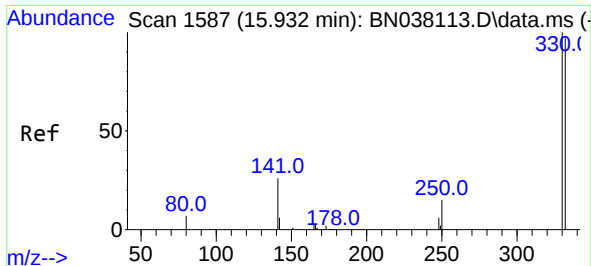
Tgt Ion:152 Resp: 11208
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion:164 Resp: 16595
Ion Ratio Lower Upper
164 100
162 104.2 83.0 124.4
160 50.5 40.7 61.1

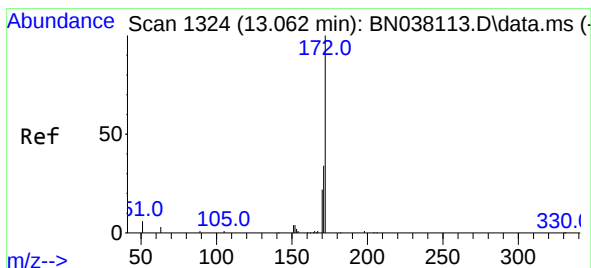
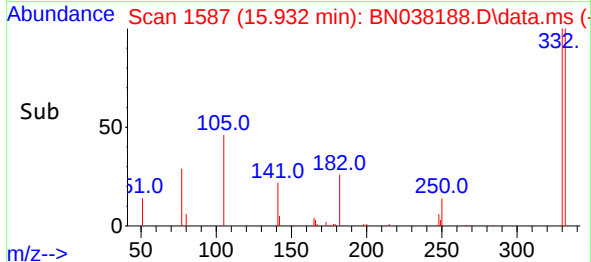
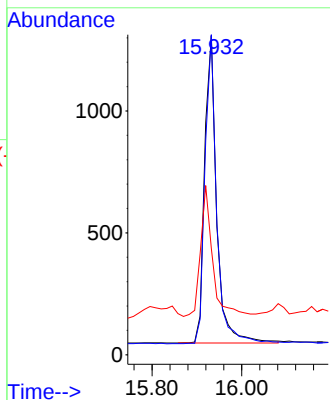
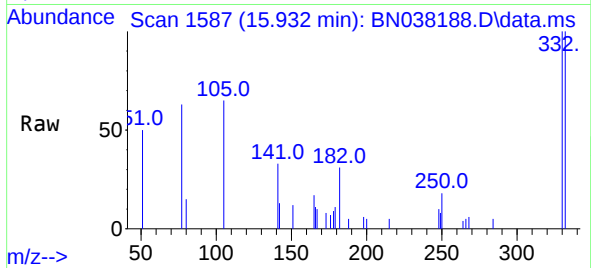




#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

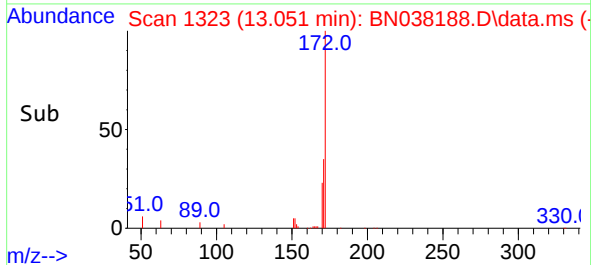
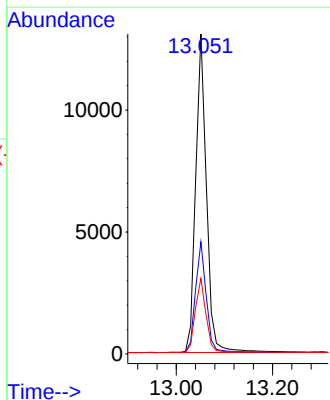
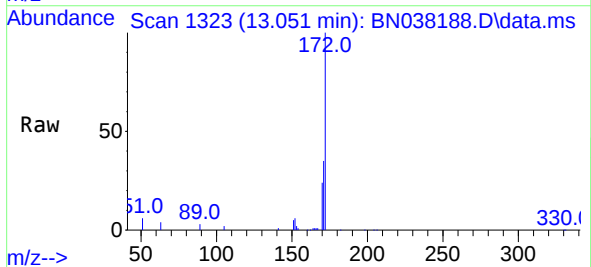
Instrument :
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ClientSampleId :
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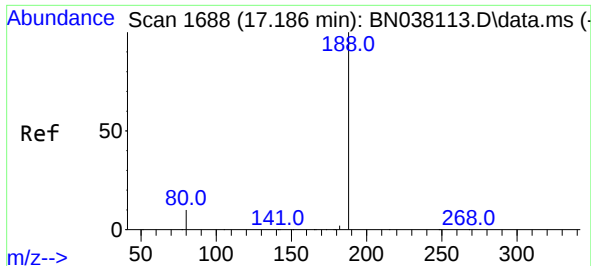
Tgt Ion: 330 Resp: 2344
Ion Ratio Lower Upper
330 100
332 97.5 76.6 114.8
141 42.5 34.1 51.1



#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion: 172 Resp: 19900
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.6 18.1 27.1

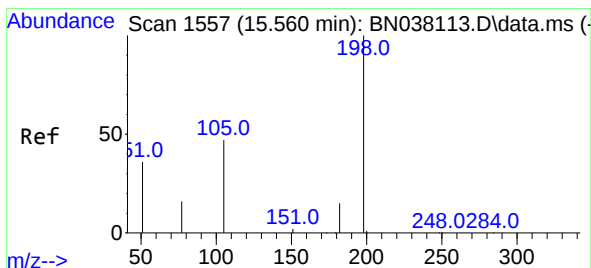
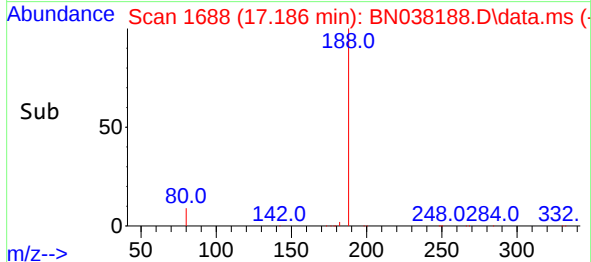
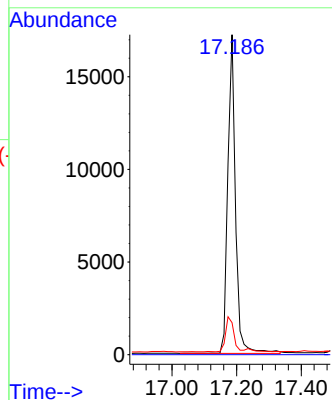
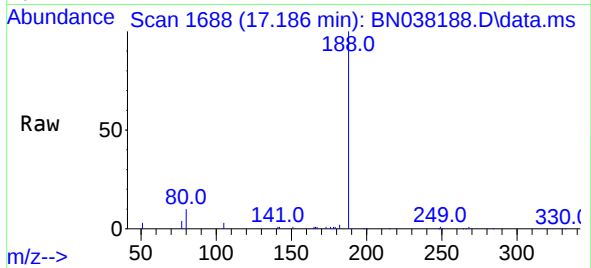




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

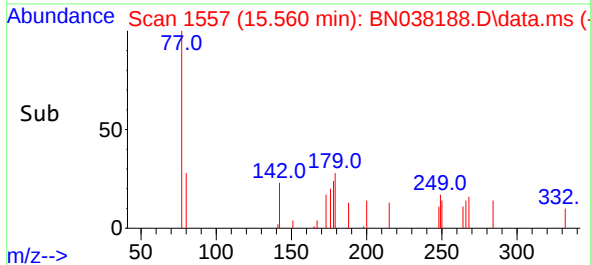
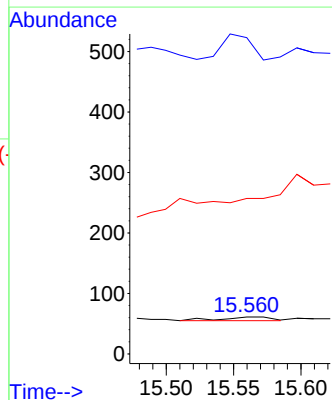
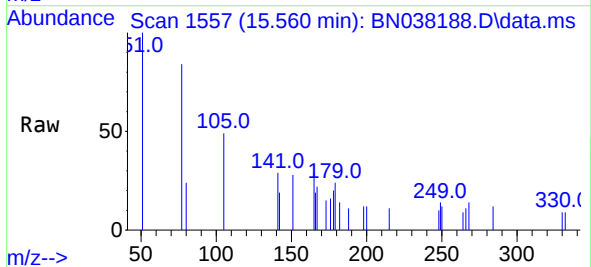
Instrument :
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ClientSampleId :
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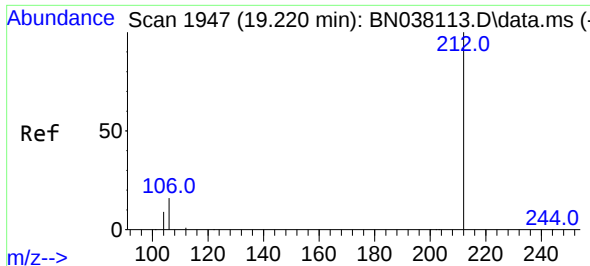
Tgt Ion:188 Resp: 28494
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 8.6 13.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.186 ng
RT: 15.560 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 857.4 88.9 133.3#
105 421.3 49.2 73.8#

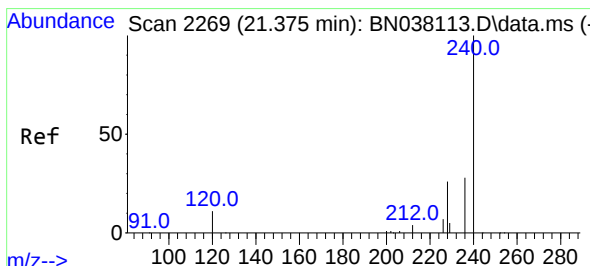
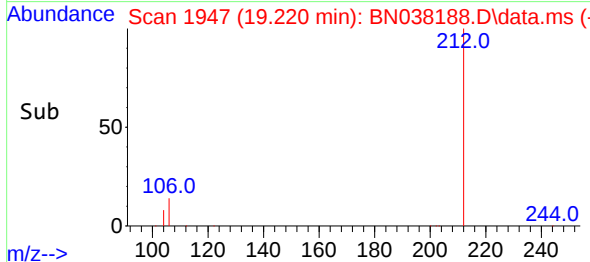
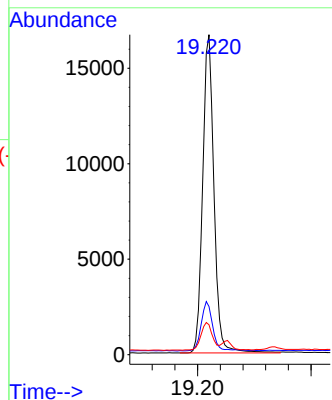
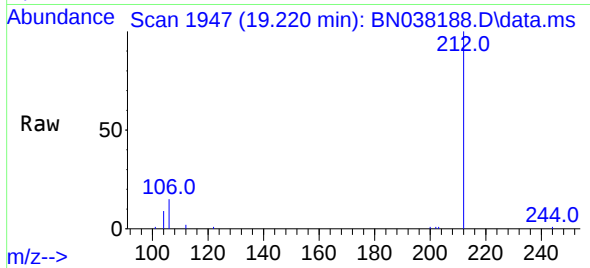




#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

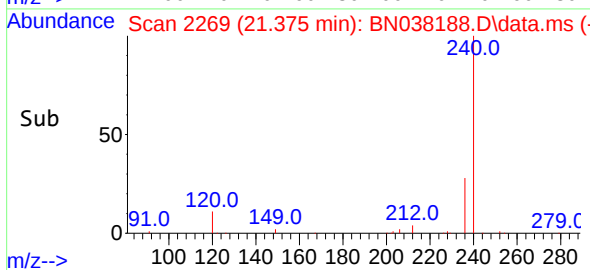
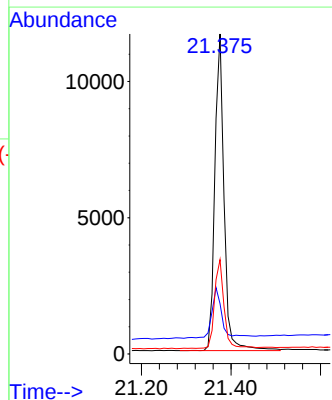
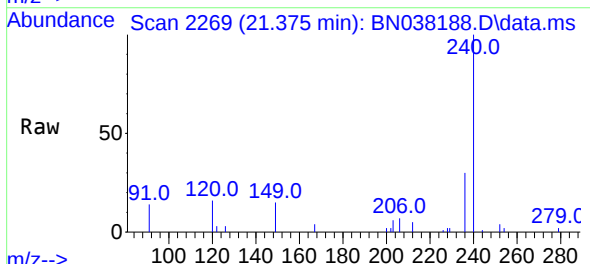
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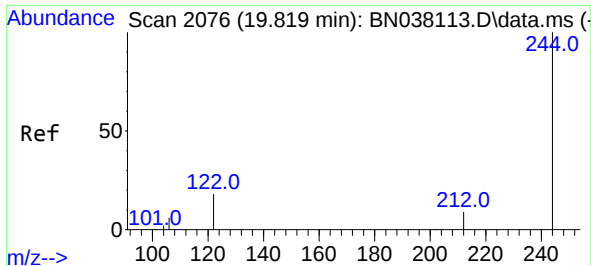
Tgt Ion:212 Resp: 22989
Ion Ratio Lower Upper
212 100
106 15.5 12.6 19.0
104 8.9 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion:240 Resp: 16713
Ion Ratio Lower Upper
240 100
120 15.7 10.7 16.1
236 29.5 23.1 34.7

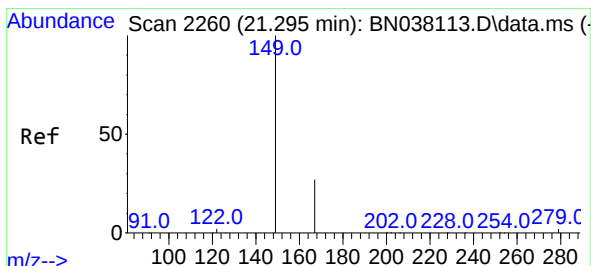
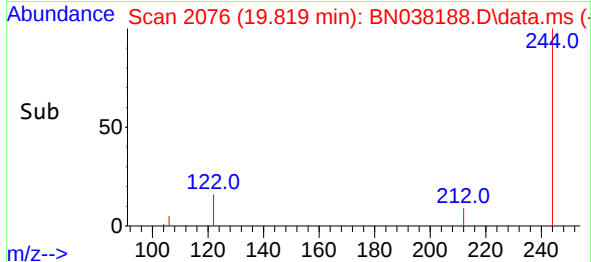
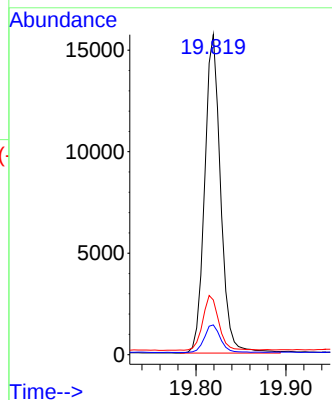
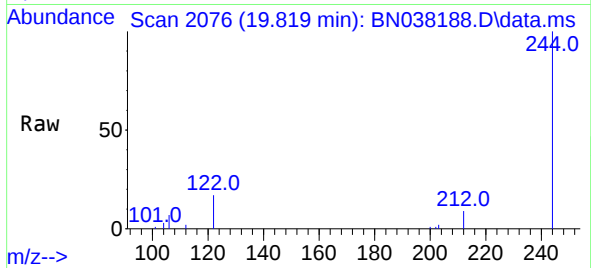




#31
 Terphenyl-d14
 Concen: 0.534 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BN038113.D
 Acq: 12 Nov 2025 12:32

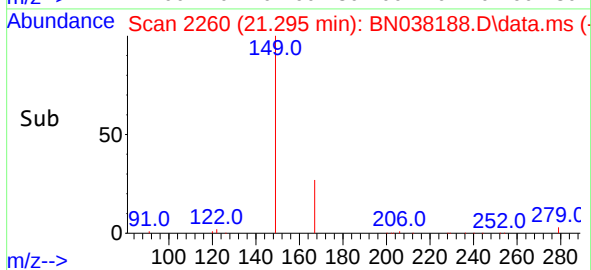
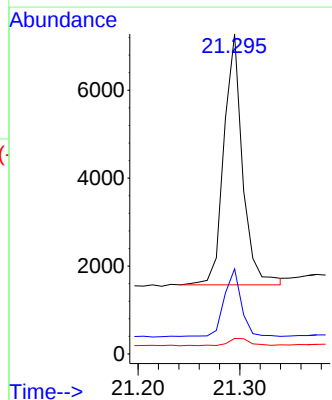
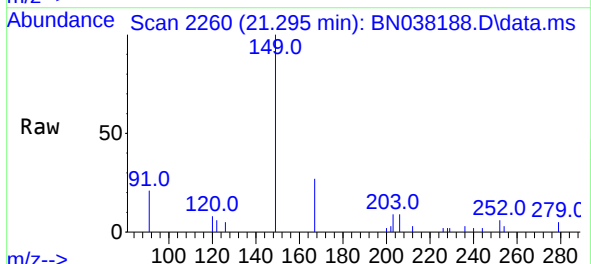
Instrument :
 BNA_N
 ClientSampleId :
 SW-1

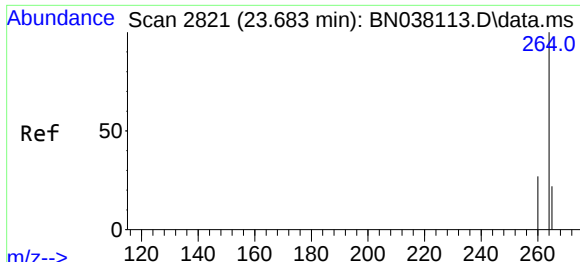
Tgt Ion:244 Resp: 19399
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.8 11.6
 122 17.1 15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.232 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: BN038188.D
 Acq: 12 Nov 2025 12:32

Tgt Ion:149 Resp: 7281
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.1 31.7
 279 3.6 2.9 4.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.683 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN038188.D
 Acq: 12 Nov 2025 12:32

Instrument :
 BNA_N
 ClientSampleId :
 SW-1

Tgt Ion:264 Resp: 16215

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.8	32.8
265	103.0	68.6	102.8

