

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038150.D
 Acq On : 07 Nov 2025 11:27
 Operator : RC/JU
 Sample : Q3534-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-1

Quant Time: Nov 07 11:52:17 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)

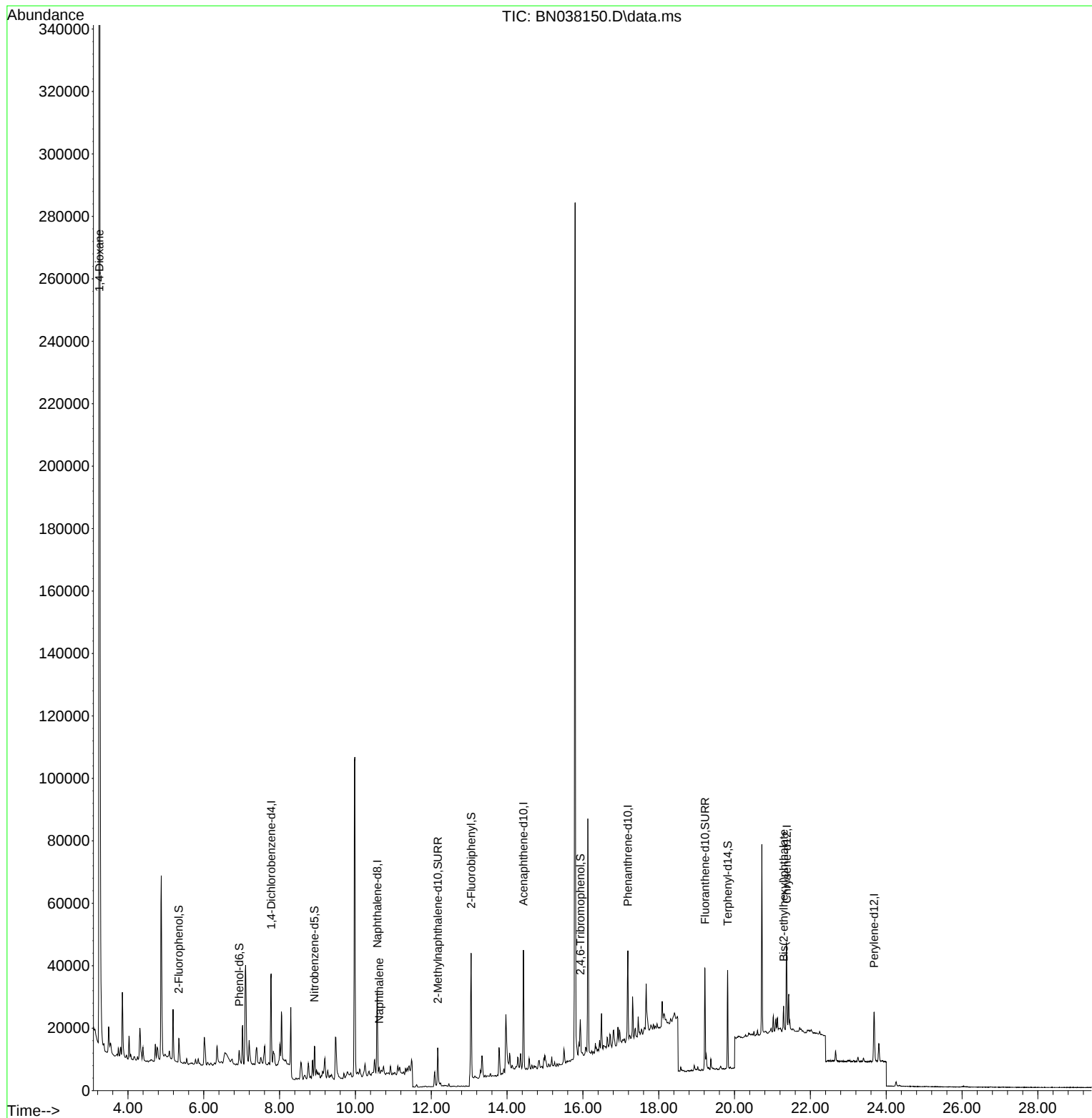
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	10682	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	34512	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	21143	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	39293	0.400	ng	0.00
29) Chrysene-d12	21.375	240	27007	0.400	ng	0.00
35) Perylene-d12	23.680	264	21896	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	4556	0.181	ng	0.00
5) Phenol-d6	6.937	99	4076	0.133	ng	0.00
8) Nitrobenzene-d5	8.918	82	9385	0.337	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	16461	0.334	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4244	0.487	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	25711	0.304	ng	0.00
27) Fluoranthene-d10	19.220	212	36896	0.372	ng	0.00
31) Terphenyl-d14	19.819	244	29953	0.510	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	651509	59.029	ng	100
9) Naphthalene	10.626	128	3096	0.033	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.295	149	7413	0.146	ng	100

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

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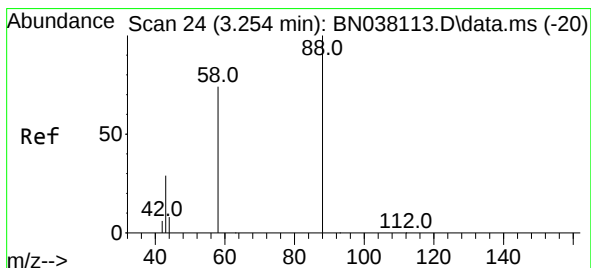
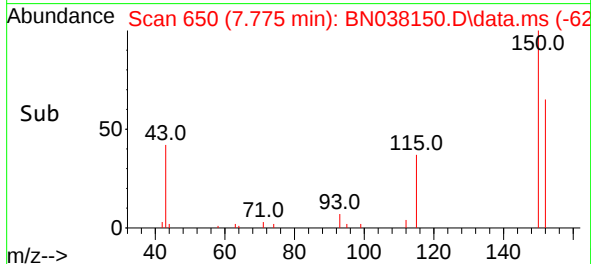
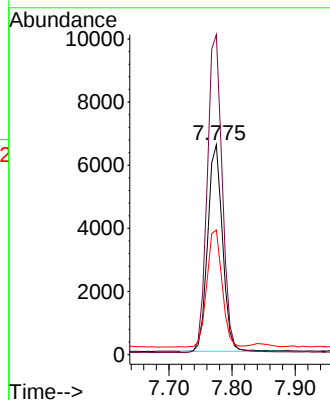
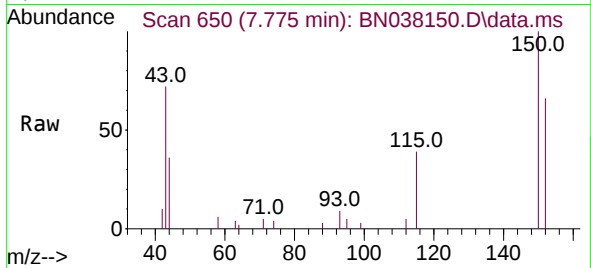




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN038150.D
 Acq: 07 Nov 2025 11:27

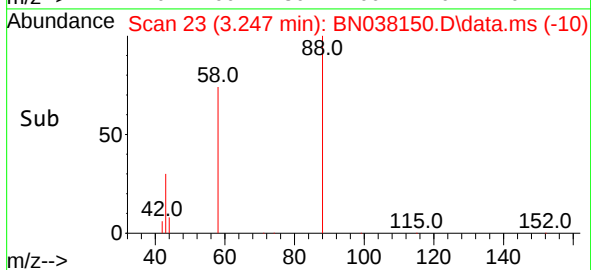
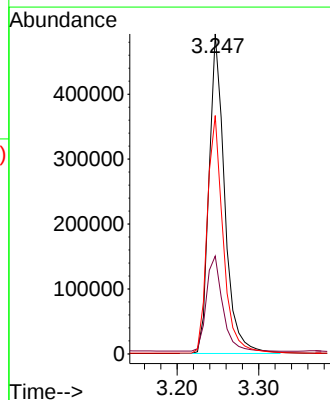
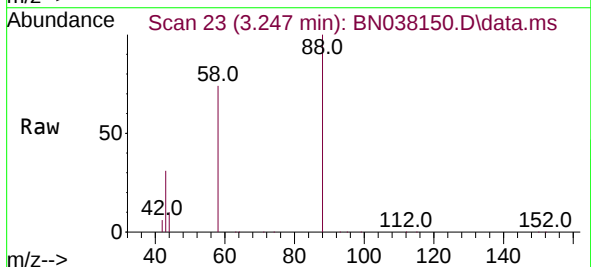
Instrument :
 BNA_N
 ClientSampleId :
 MW-1

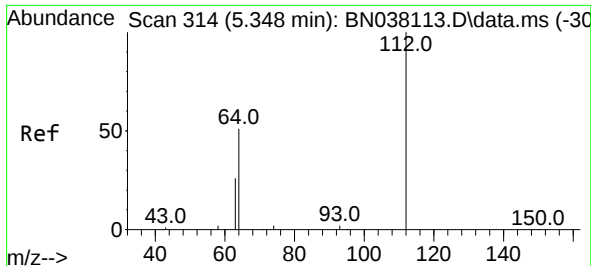
Tgt Ion:152 Resp: 10682
 Ion Ratio Lower Upper
 152 100
 150 152.5 122.3 183.5
 115 59.3 47.4 71.0



#2
 1,4-Dioxane
 Concen: 59.029 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.007 min
 Lab File: BN038150.D
 Acq: 07 Nov 2025 11:27

Tgt Ion: 88 Resp: 651509
 Ion Ratio Lower Upper
 88 100
 43 30.9 24.3 36.5
 58 75.6 60.4 90.6

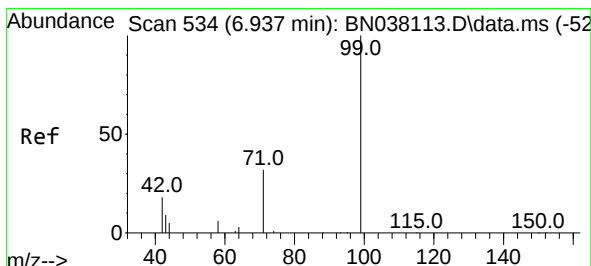
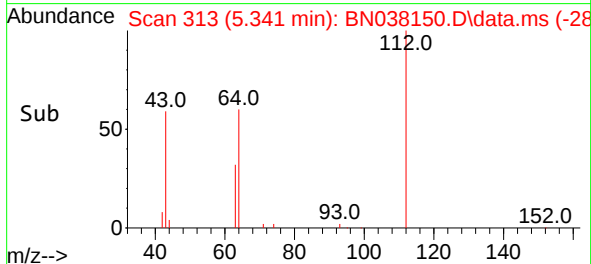
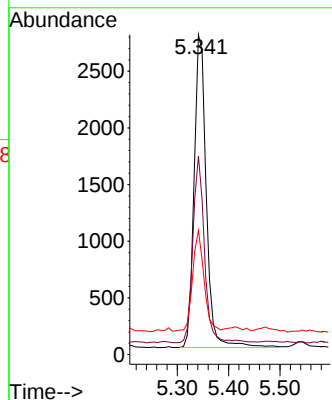
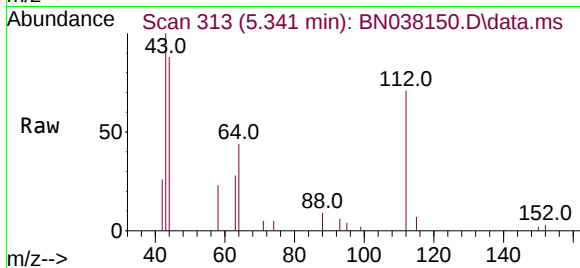




#4
2-Fluorophenol
Concen: 0.181 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

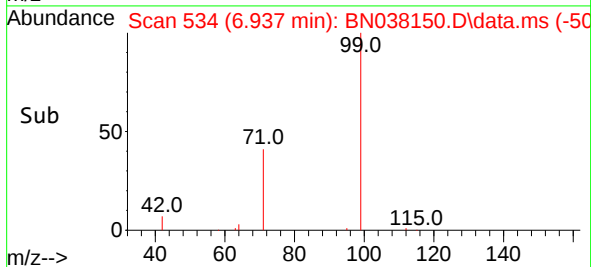
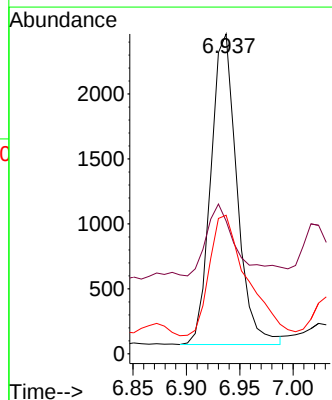
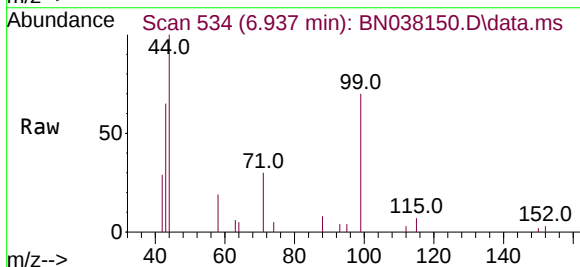
Instrument :
BNA_N
ClientSampleId :
MW-1

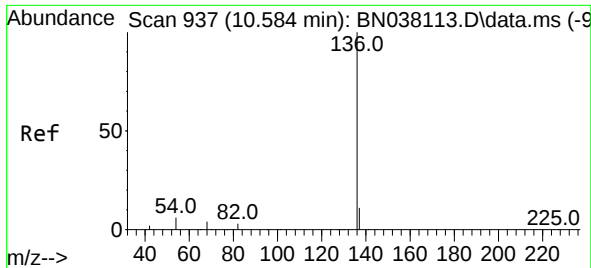
Tgt Ion:112 Resp: 4556
Ion Ratio Lower Upper
112 100
64 56.7 45.4 68.0
63 30.6 23.2 34.8



#5
Phenol-d6
Concen: 0.133 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion: 99 Resp: 4076
Ion Ratio Lower Upper
99 100
42 30.3 16.6 24.8#
71 55.8 25.4 38.2#

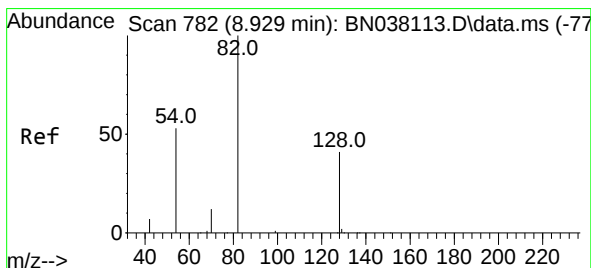
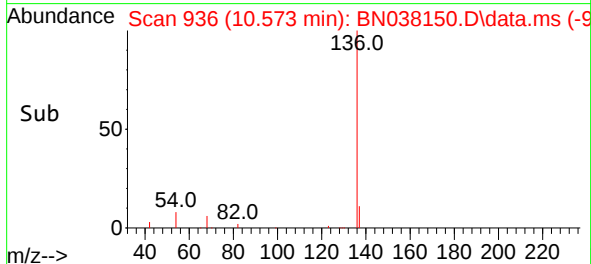
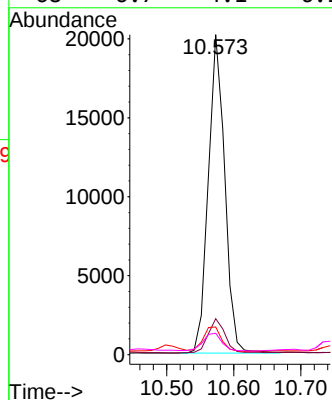
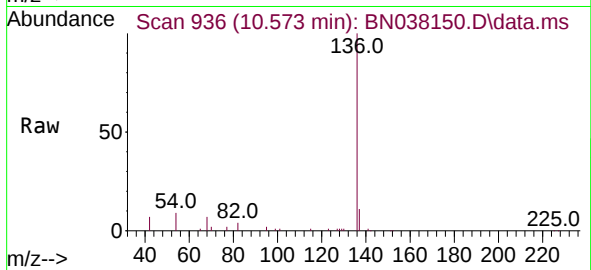




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

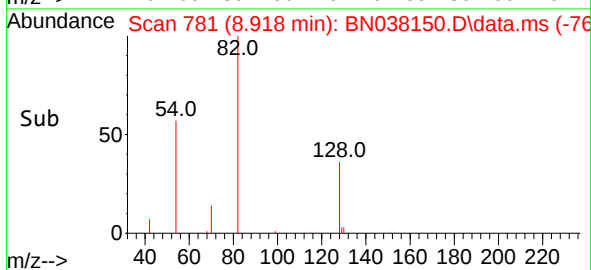
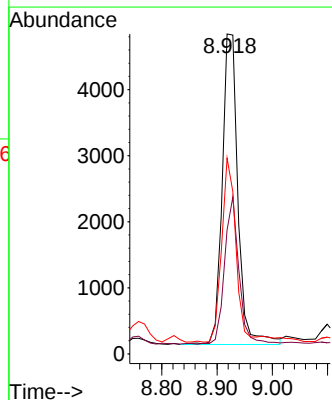
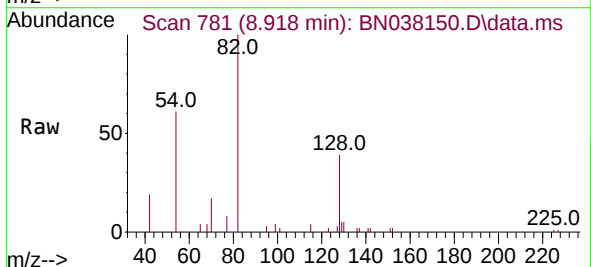
Instrument :
BNA_N
ClientSampleId :
MW-1

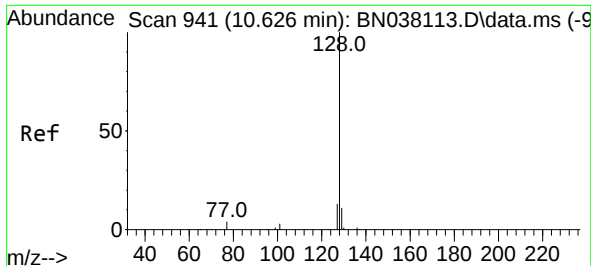
Tgt Ion:	136	Resp:	34512
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	8.6	5.2	7.8#
68	6.7	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:	82	Resp:	9385
Ion Ratio	Lower	Upper	
82	100		
128	38.7	34.1	51.1
54	61.2	43.5	65.3

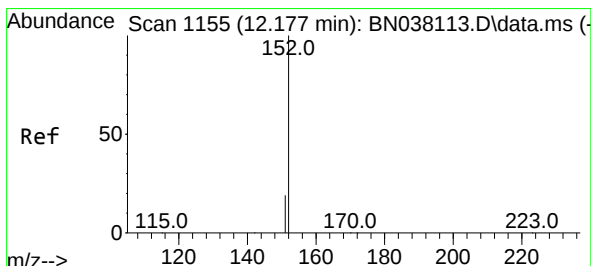
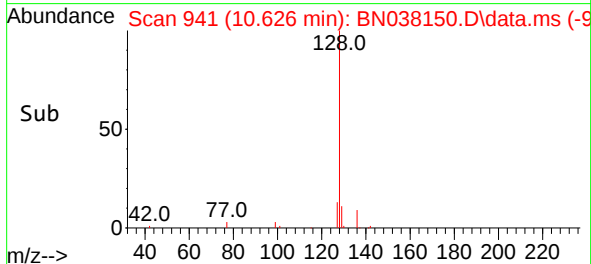
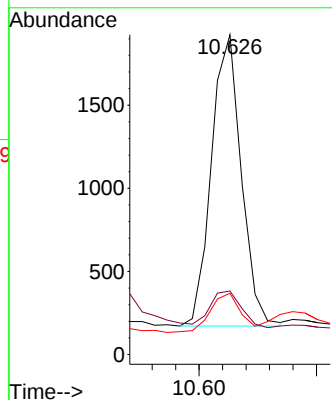
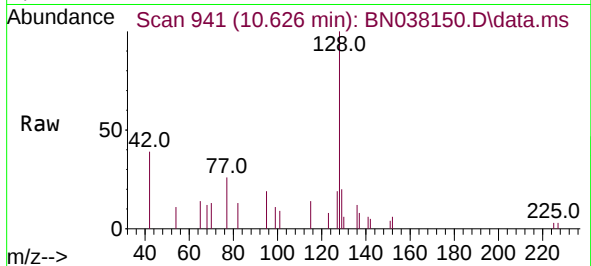




#9
Naphthalene
Concen: 0.033 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

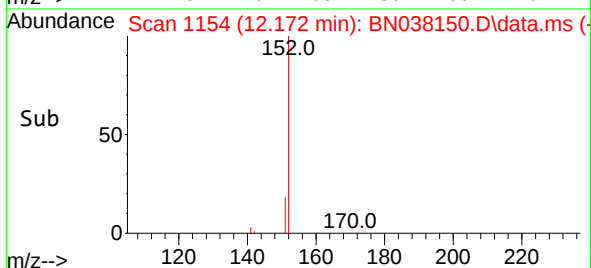
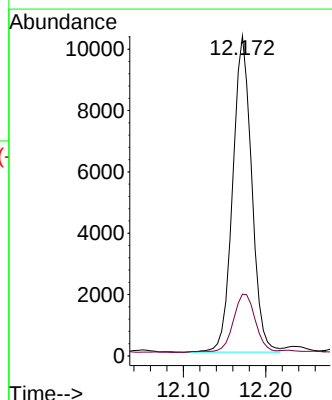
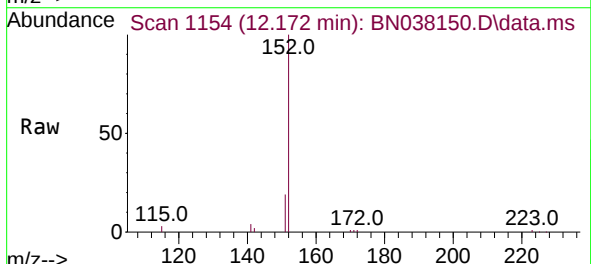
Instrument :
BNA_N
ClientSampleId :
MW-1

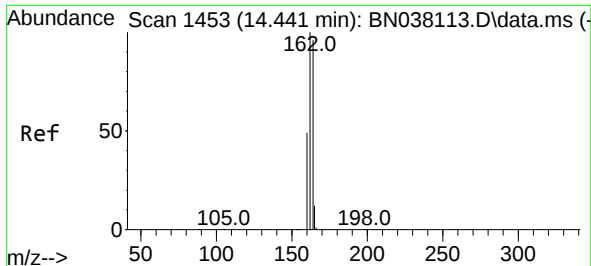
Tgt Ion:128 Resp: 3096
Ion Ratio Lower Upper
128 100
129 19.8 9.1 13.7#
127 19.2 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:152 Resp: 16461
Ion Ratio Lower Upper
152 100
151 21.8 16.8 25.2

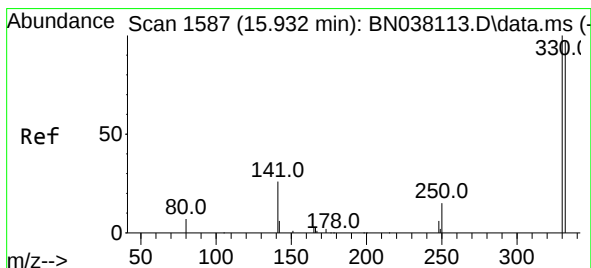
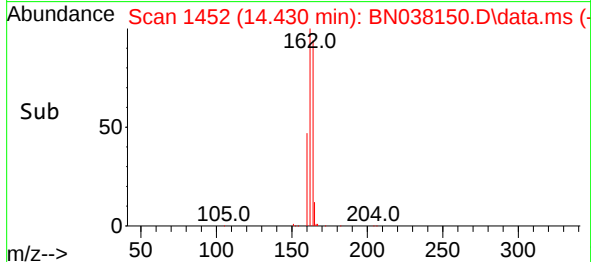
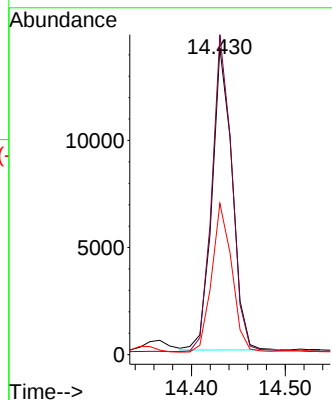
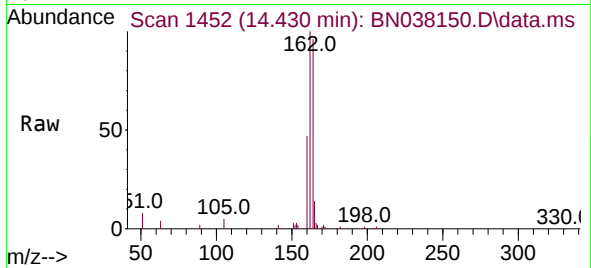




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

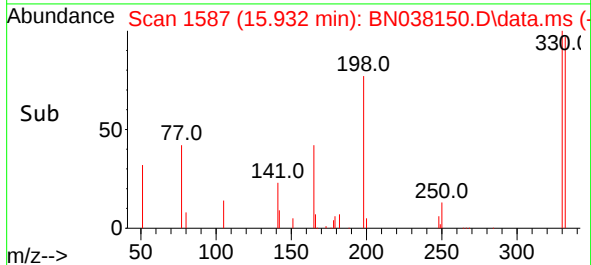
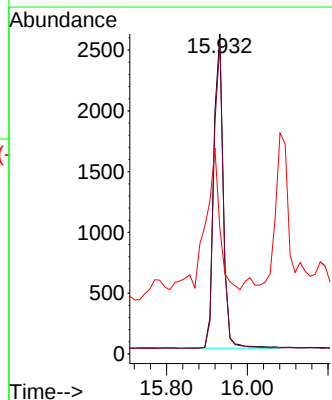
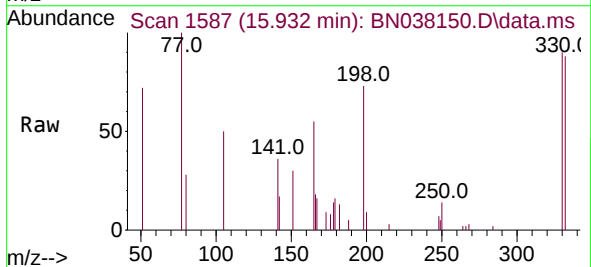
Instrument :
BNA_N
ClientSampleId :
MW-1

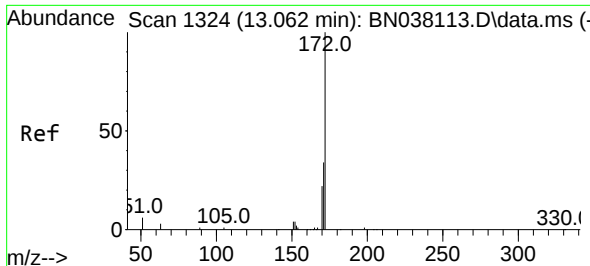
Tgt Ion:164 Resp: 21143
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.4
160 49.3 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.487 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:330 Resp: 4244
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 68.0 34.1 51.1#

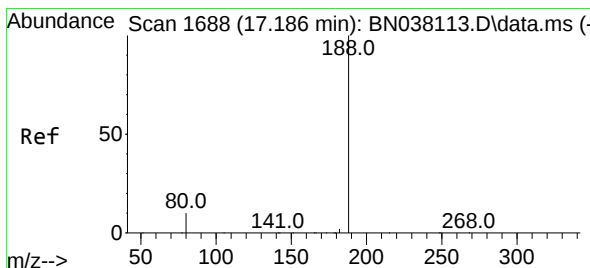
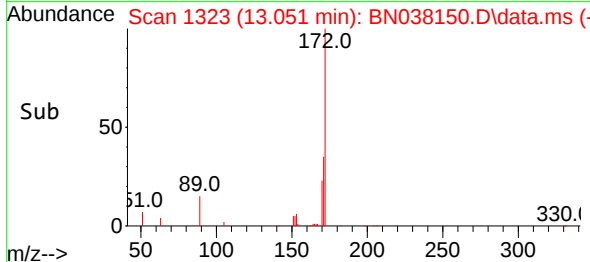
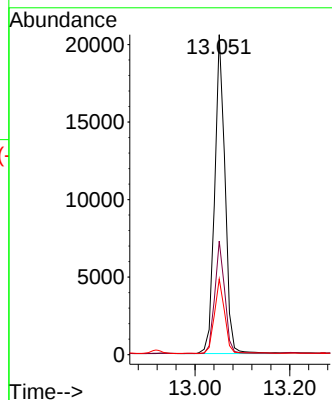
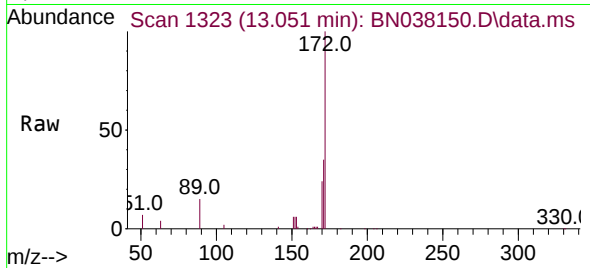




#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

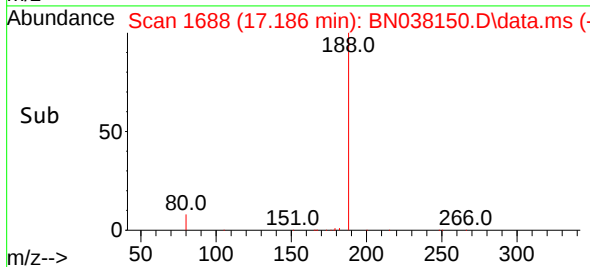
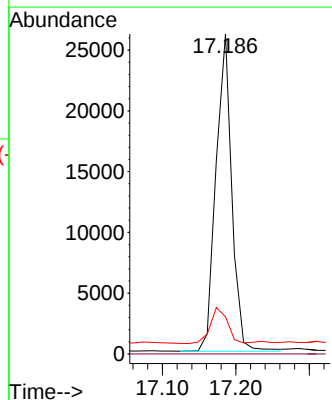
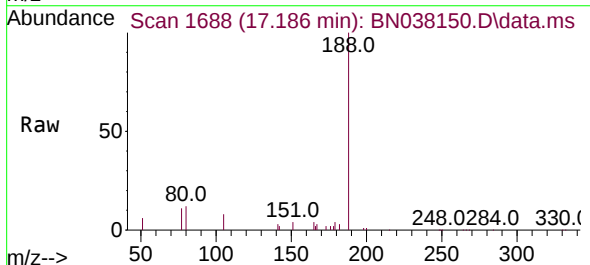
Instrument :
BNA_N
ClientSampleId :
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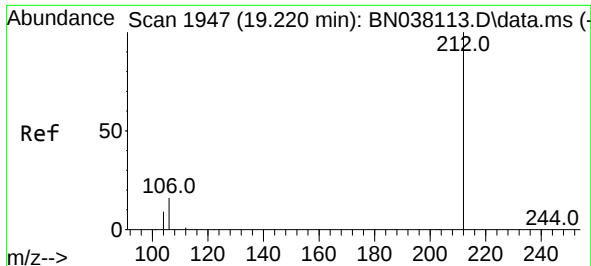
Tgt Ion:172 Resp: 25711
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.6
170 23.6 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:188 Resp: 39293
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 8.6 13.0

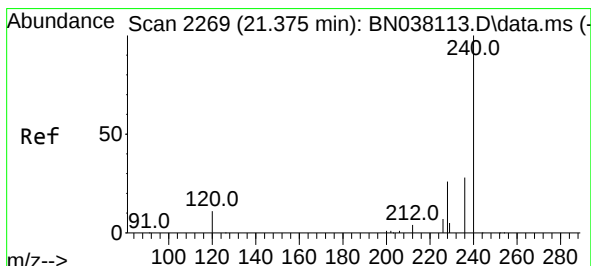
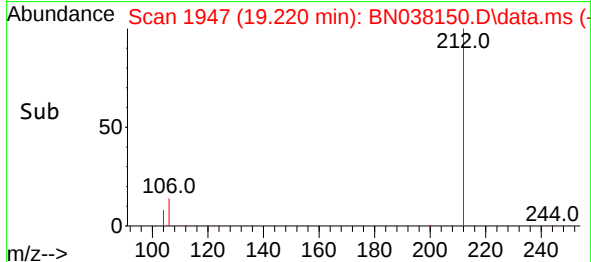
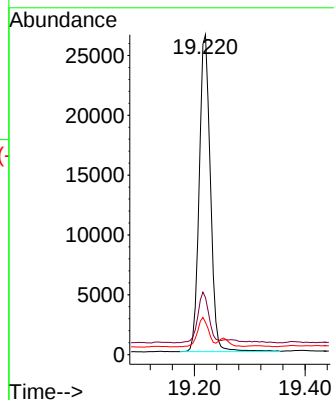
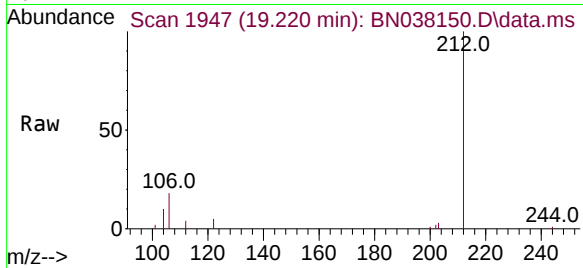




#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

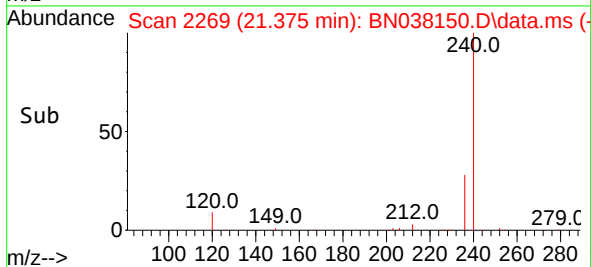
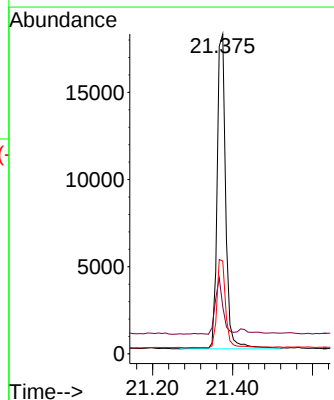
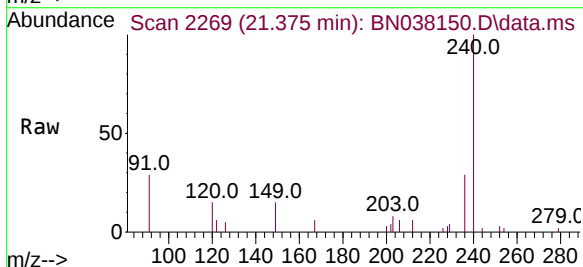
Instrument :
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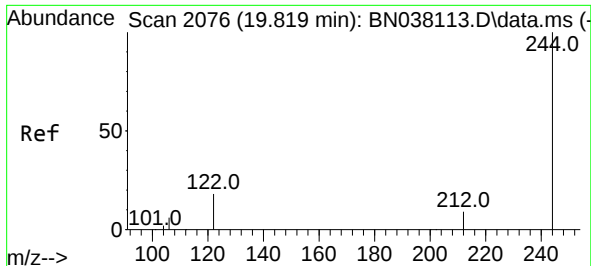
Tgt Ion:212 Resp: 36896
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 9.4 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:240 Resp: 27007
Ion Ratio Lower Upper
240 100
120 14.8 10.7 16.1
236 29.0 23.1 34.7

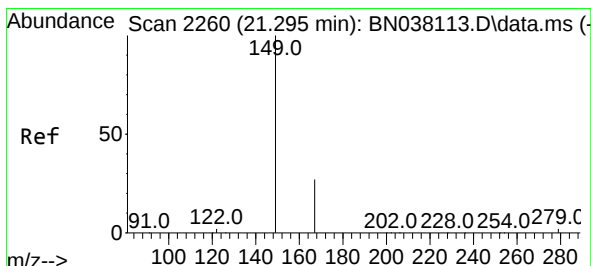
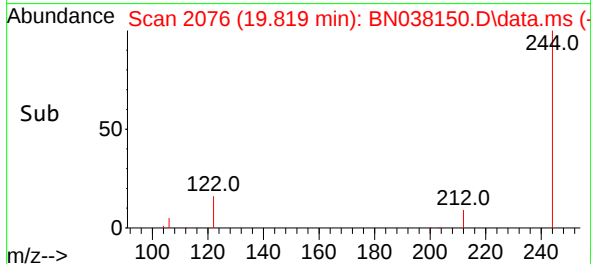
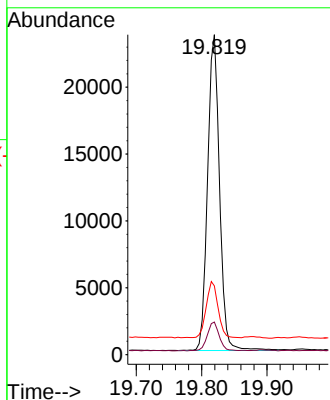
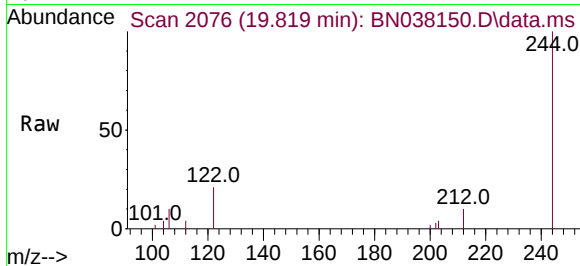




#31
 Terphenyl-d14
 Concen: 0.510 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: BN038150.D
 Acq: 07 Nov 2025 11:27

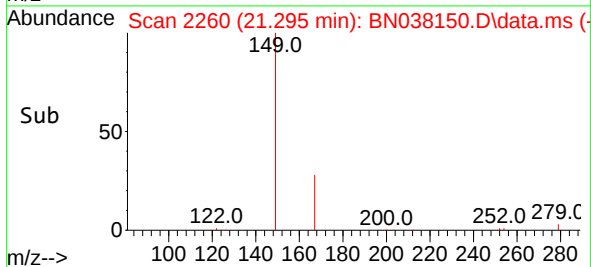
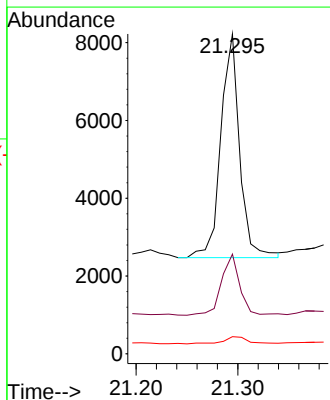
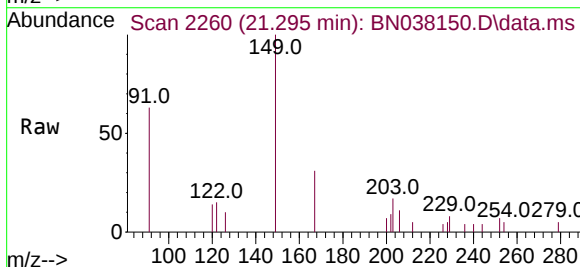
Instrument :
 BNA_N
 ClientSampleId :
 MW-1

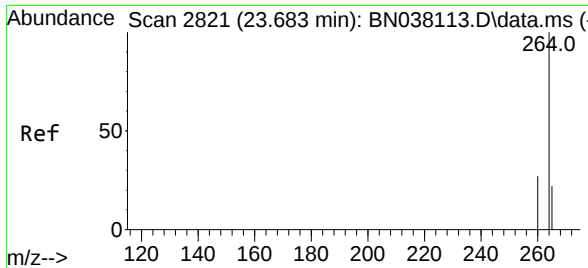
Tgt Ion:244	Resp:	29953
Ion Ratio	Lower	Upper
244	100	
212	10.2	7.8 11.6
122	21.5	15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.146 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. -0.000 min
 Lab File: BN038150.D
 Acq: 07 Nov 2025 11:27

Tgt Ion:149	Resp:	7413
Ion Ratio	Lower	Upper
149	100	
167	26.5	21.1 31.7
279	4.2	2.9 4.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.680 min Scan# 2821
 Delta R.T. -0.000 min
 Lab File: BN038150.D
 Acq: 07 Nov 2025 11:27

Instrument :
 BNA_N
 ClientSampleId :
 MW-1

Tgt Ion:	264	Resp:	21896
Ion Ratio	Lower	Upper	
264	100		
260	27.8	21.8	32.8
265	70.6	68.6	102.8

