

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110425\
 Data File : BN038143.D
 Acq On : 04 Nov 2025 18:59
 Operator : RC/JU
 Sample : Q3527-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 04 21:15:42 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

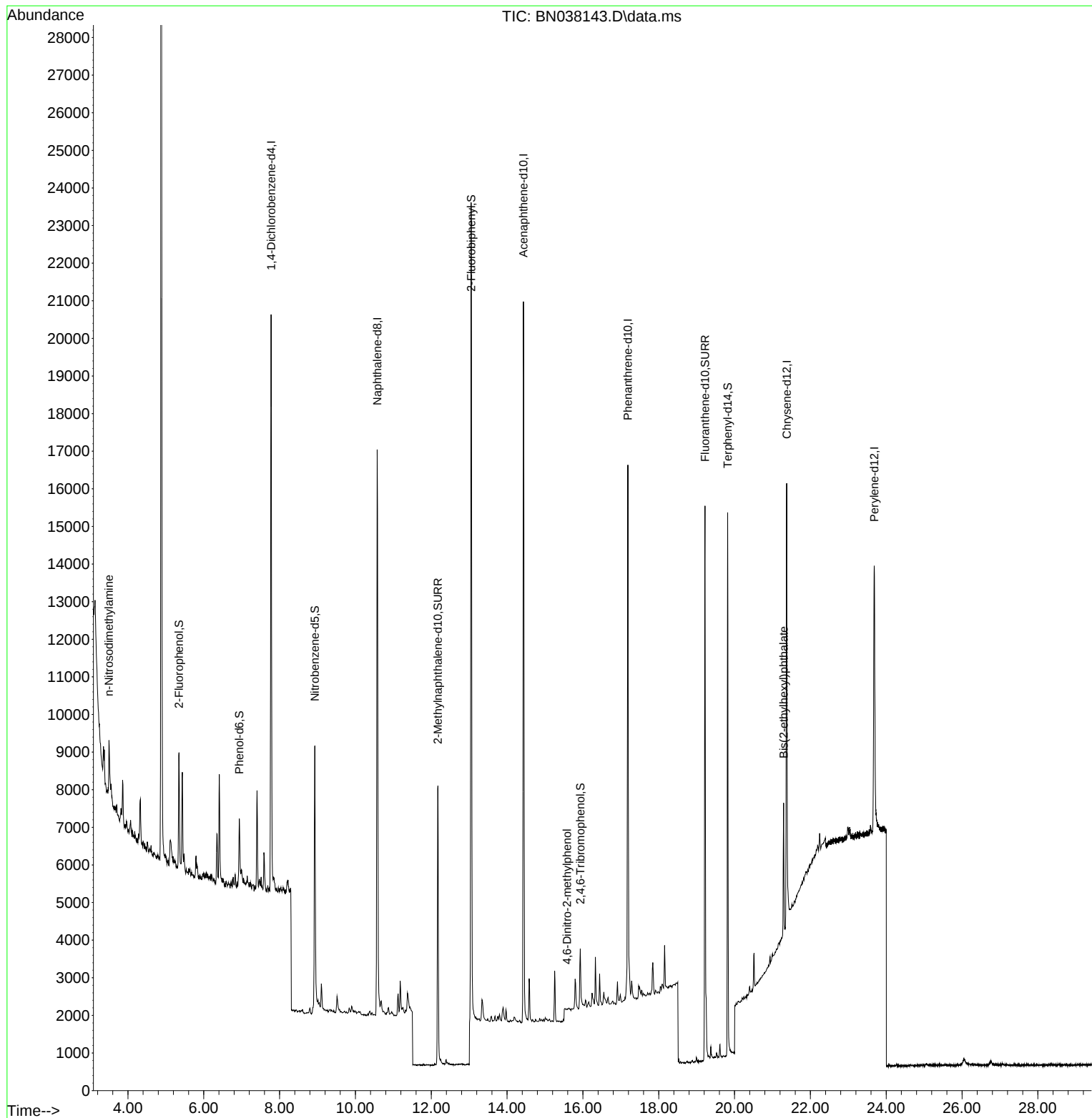
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8023	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	22420	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	11638	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	19728	0.400	ng	0.00
29) Chrysene-d12	21.375	240	12346	0.400	ng	0.00
35) Perylene-d12	23.683	264	11504	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	2638	0.140	ng	0.00
5) Phenol-d6	6.937	99	1752	0.076	ng	0.00
8) Nitrobenzene-d5	8.929	82	6546	0.362	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	10918	0.341	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1020	0.213	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	18795	0.403	ng	0.00
27) Fluoranthene-d10	19.220	212	16829	0.338	ng	0.00
31) Terphenyl-d14	19.819	244	13828	0.516	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.499	42	620	0.058	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.585	198	10	0.186	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	3676	0.158	ng	93

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

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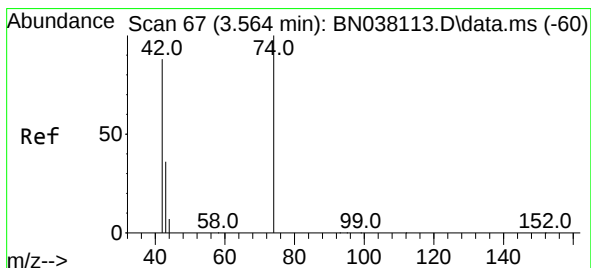
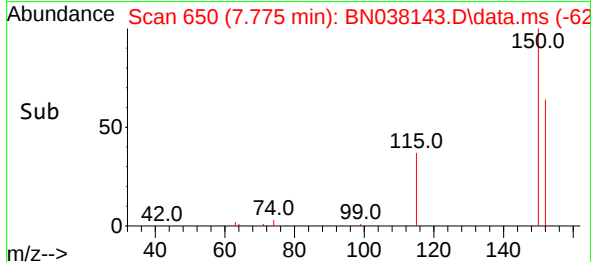
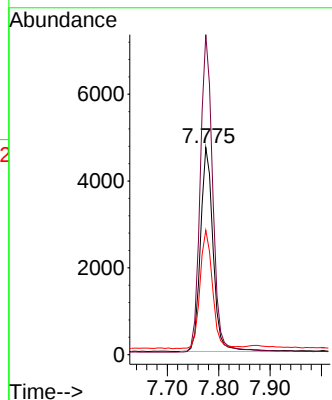
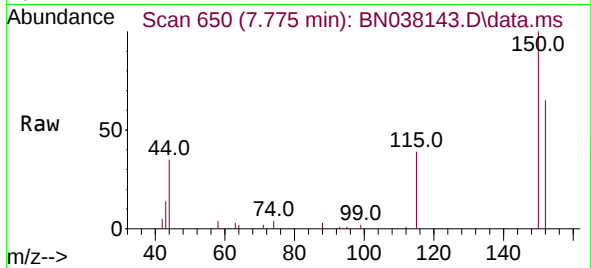
Quant Time: Nov 04 21:15:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
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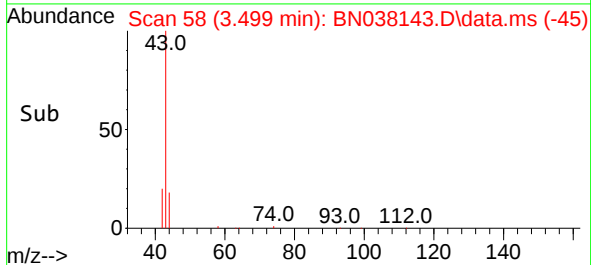
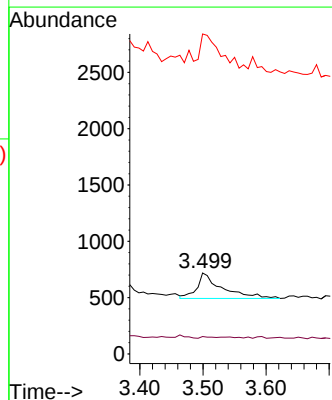
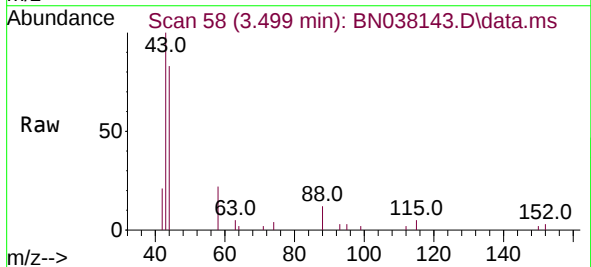
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 650
Delta R.T. -0.000 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

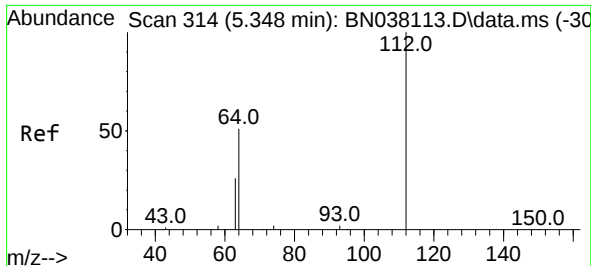
Tgt Ion: 152 Resp: 8023
Ion Ratio Lower Upper
152 100
150 154.5 122.3 183.5
115 60.0 47.4 71.0



#3
n-Nitrosodimethylamine
Concen: 0.058 ng
RT: 3.499 min Scan# 58
Delta R.T. -0.058 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

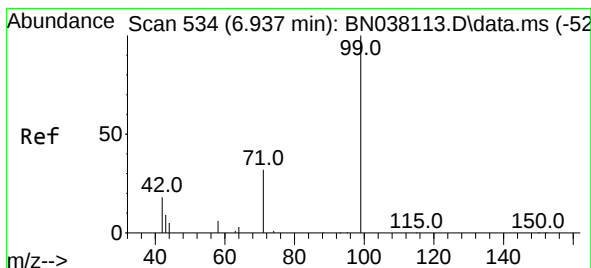
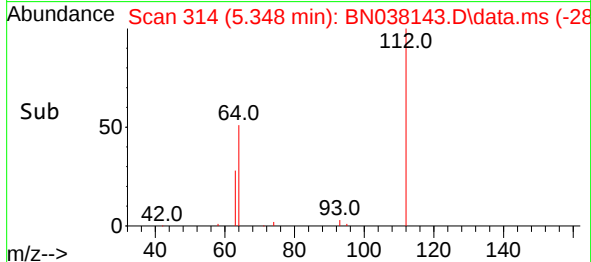
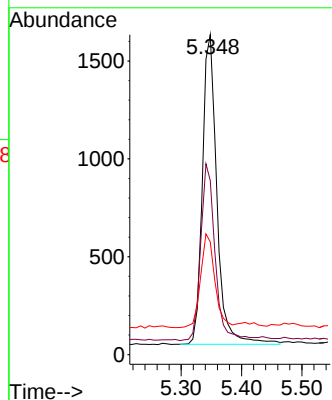
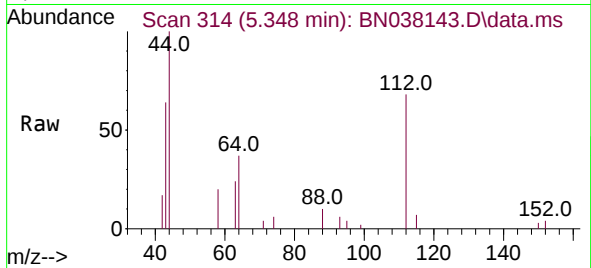
Tgt Ion: 42 Resp: 620
Ion Ratio Lower Upper
42 100
74 2.9 96.8 145.2#
44 113.5 5.3 7.9#





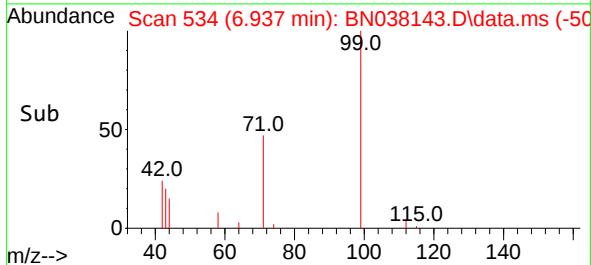
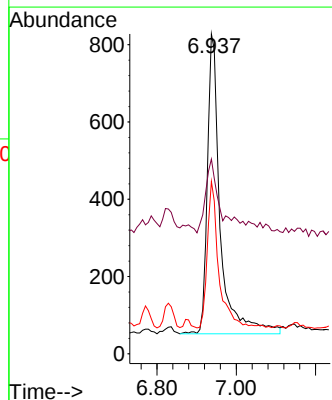
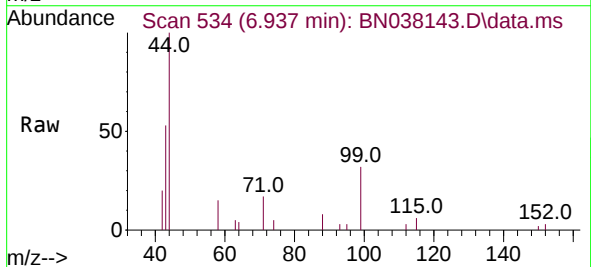
#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

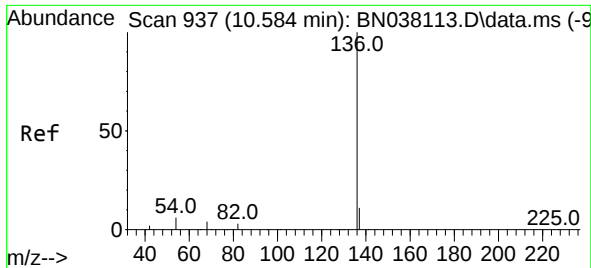
Tgt Ion: 112 Resp: 2638
Ion Ratio Lower Upper
112 100
64 56.7 45.4 68.0
63 29.8 23.2 34.8



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

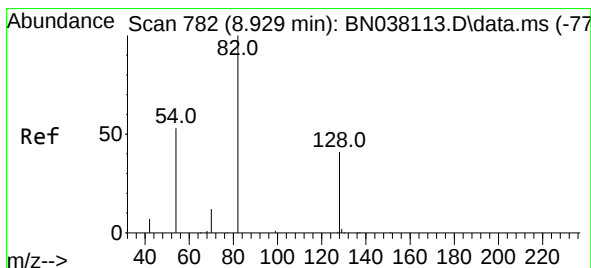
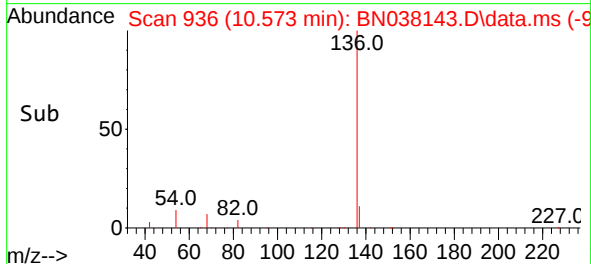
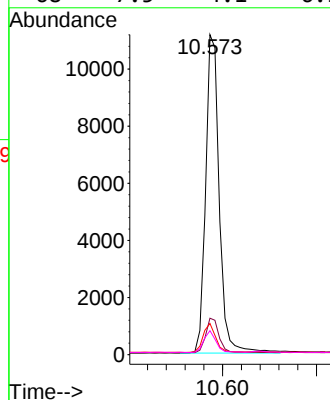
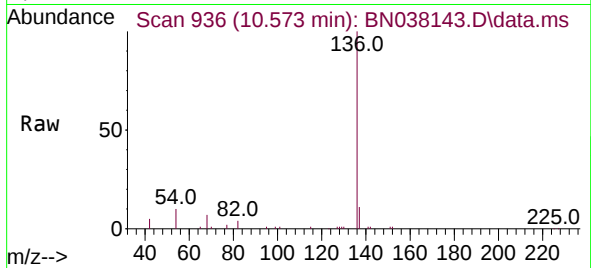
Tgt Ion: 99 Resp: 1752
Ion Ratio Lower Upper
99 100
42 27.8 16.6 24.8#
71 43.8 25.4 38.2#





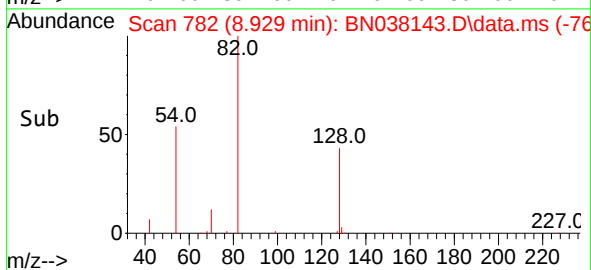
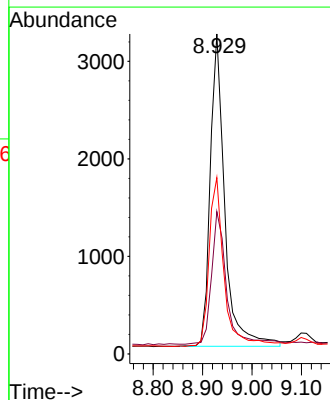
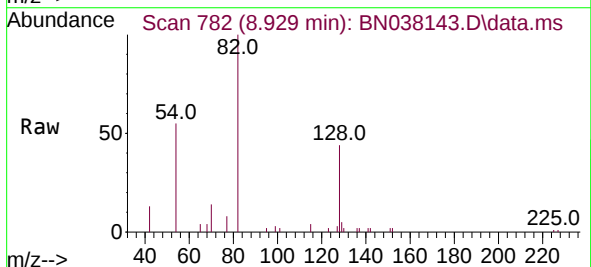
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

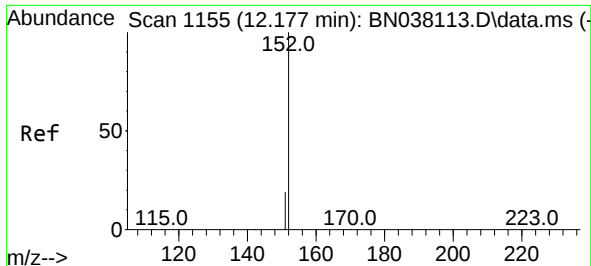
Tgt Ion	136	137	54	68
Ratio	100	11.4	9.7	7.5
Lower		9.0	5.2	4.1
Upper		13.4	7.8#	6.1#



#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

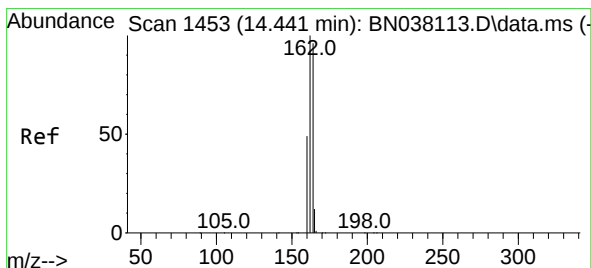
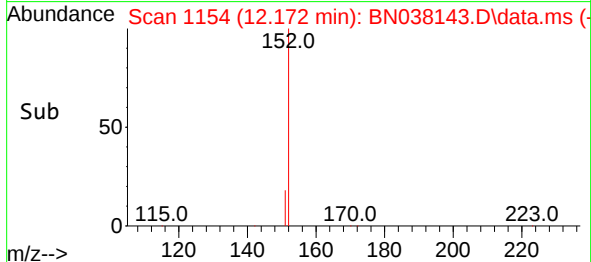
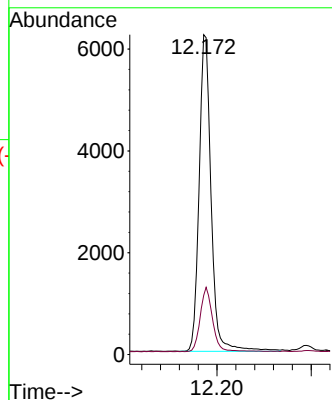
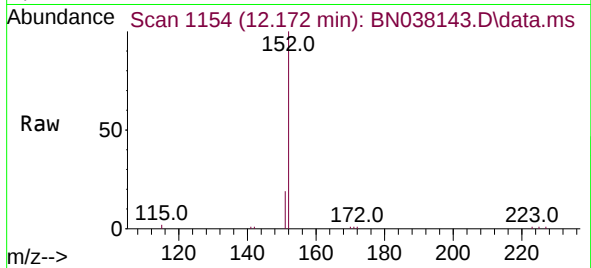
Tgt Ion	82	128	54
Ratio	100	44.5	55.1
Lower		34.1	43.5
Upper		51.1	65.3





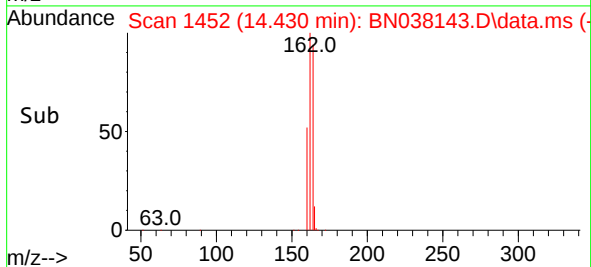
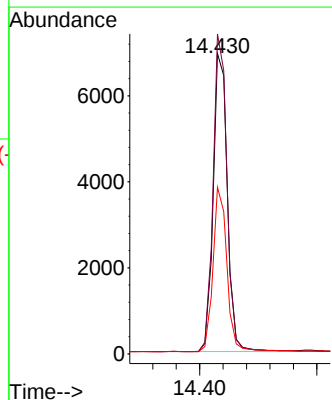
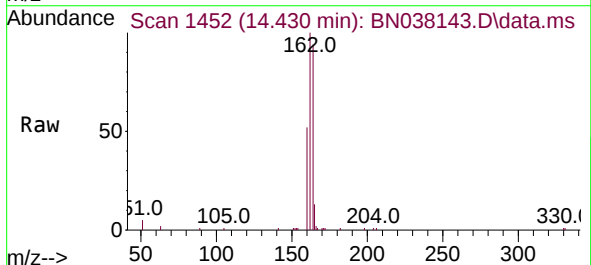
#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

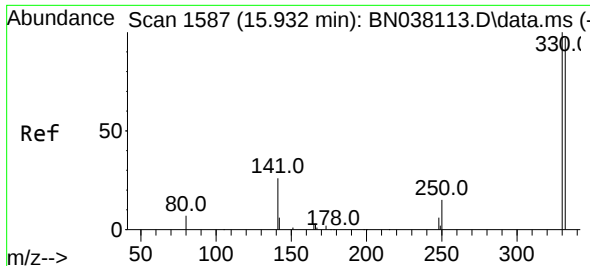
Tgt Ion:152 Resp: 10918
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

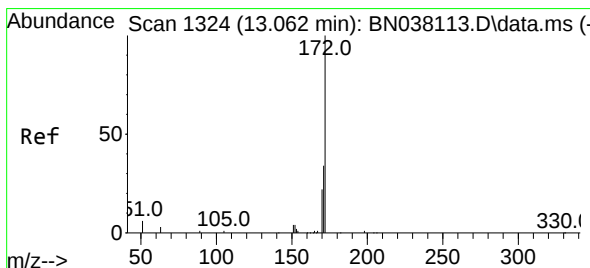
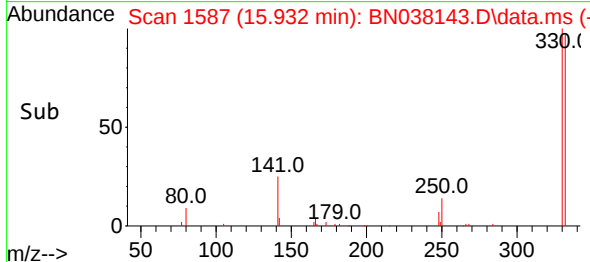
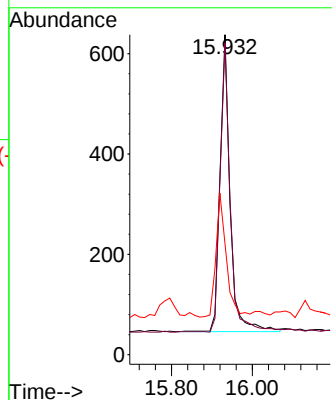
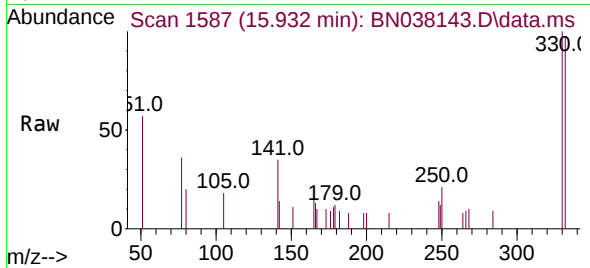
Tgt Ion:164 Resp: 11638
Ion Ratio Lower Upper
164 100
162 106.5 83.0 124.4
160 55.4 40.7 61.1





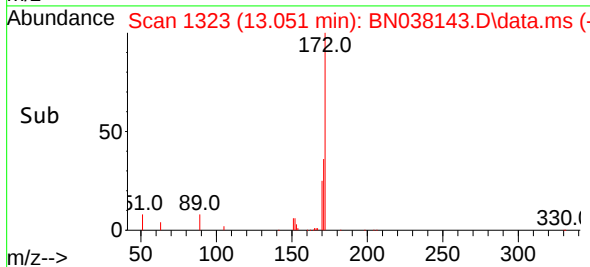
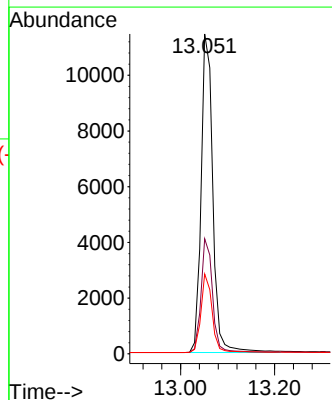
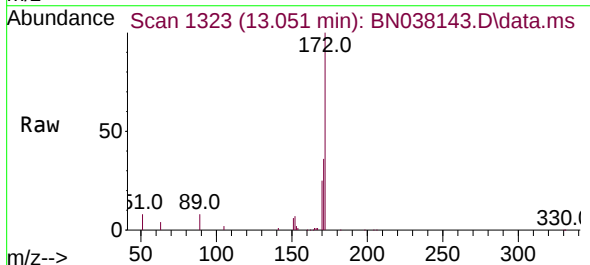
#14
2,4,6-Tribromophenol
Concen: 0.213 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

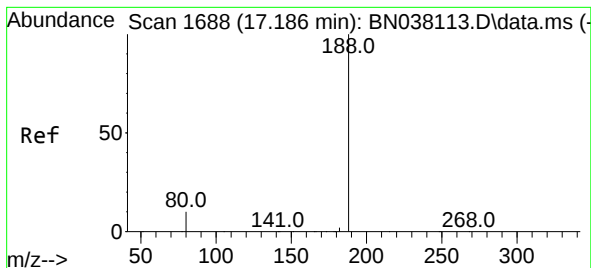
Tgt Ion: 330 Resp: 1020
Ion Ratio Lower Upper
330 100
332 97.0 76.6 114.8
141 43.0 34.1 51.1



#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

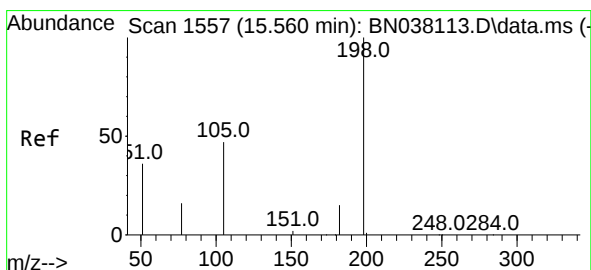
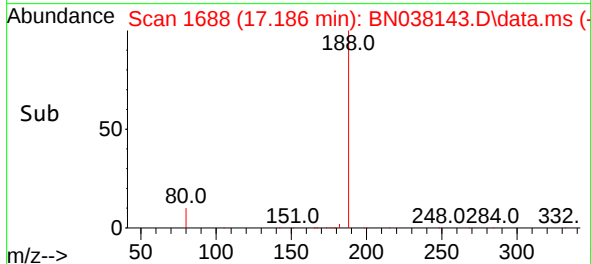
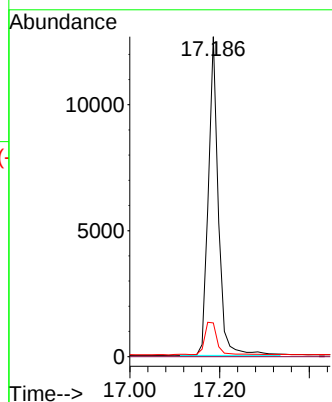
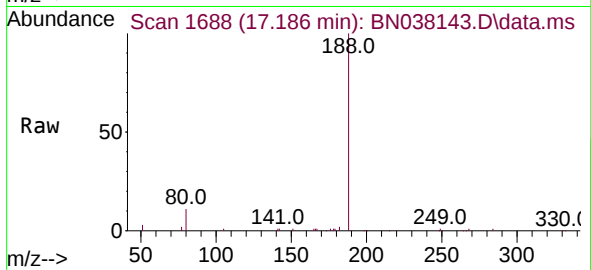
Tgt Ion: 172 Resp: 18795
Ion Ratio Lower Upper
172 100
171 36.0 27.8 41.6
170 25.0 18.1 27.1





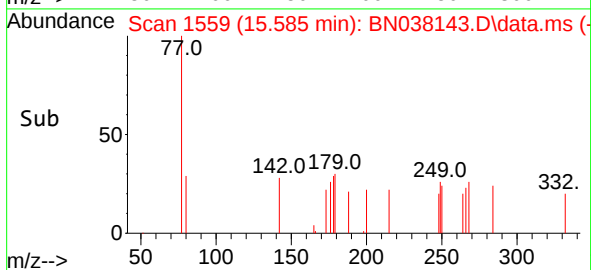
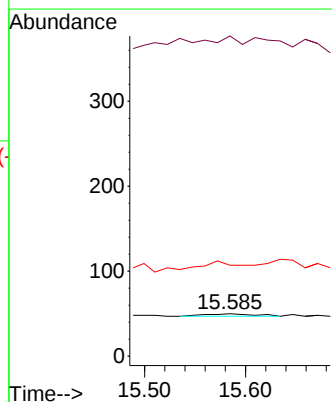
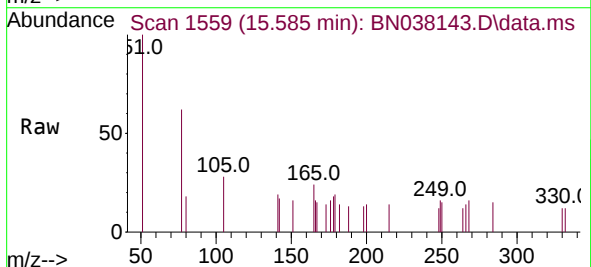
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

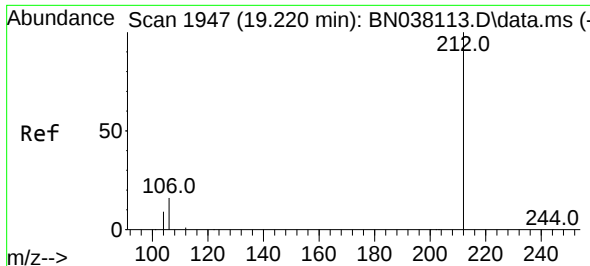
Tgt Ion:188	Resp:	19728
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.5	8.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.186 ng
RT: 15.585 min Scan# 1559
Delta R.T. 0.025 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

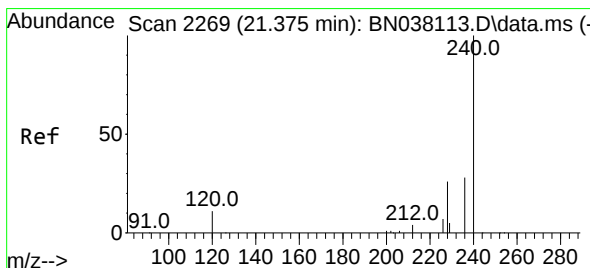
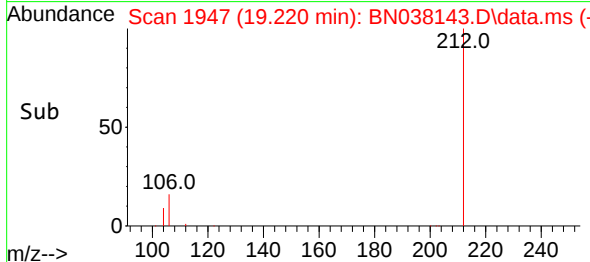
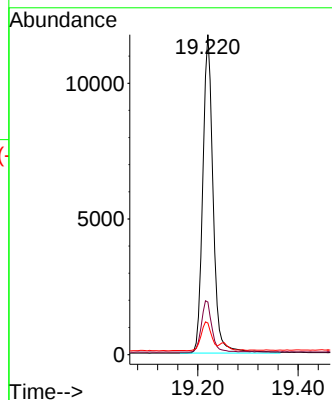
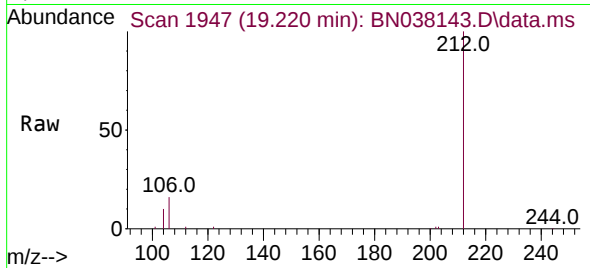
Tgt Ion:198	Resp:	10
Ion Ratio	Lower	Upper
198	100	
51	754.0	88.9
105	214.0	49.2





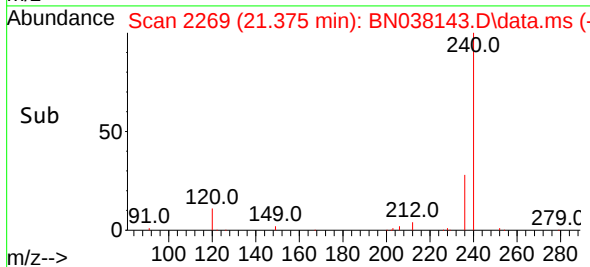
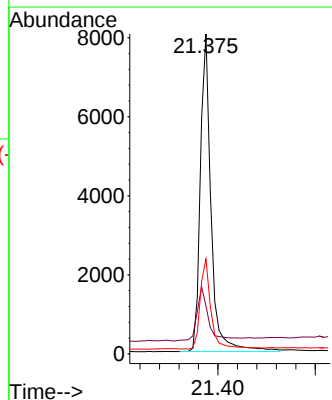
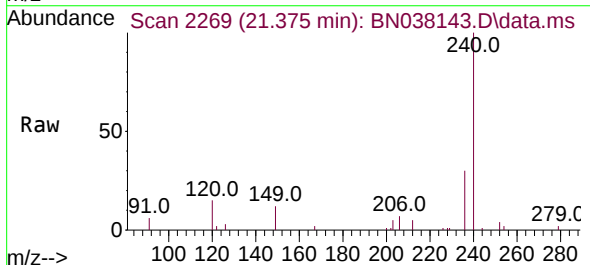
#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

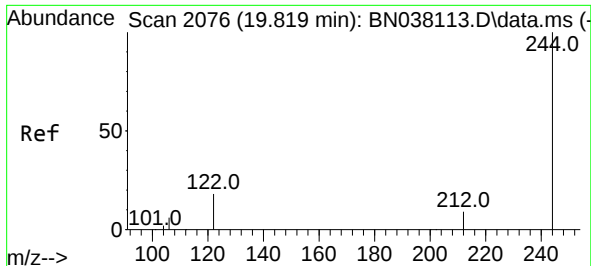
Tgt Ion:212 Resp: 16829
Ion Ratio Lower Upper
212 100
106 16.4 12.6 19.0
104 9.1 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

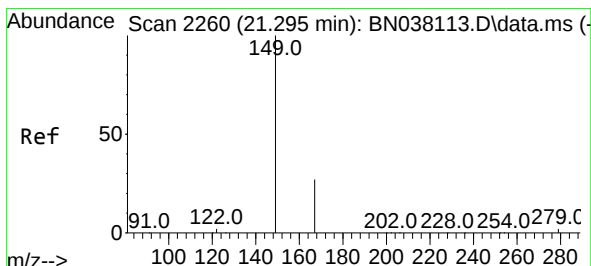
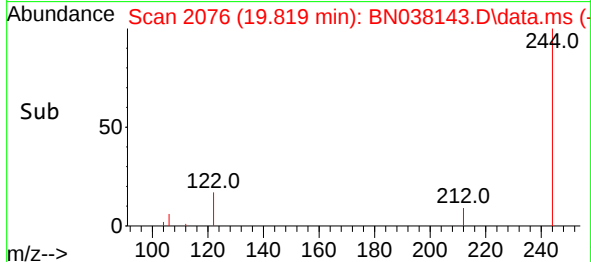
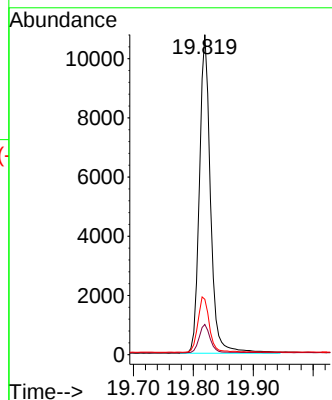
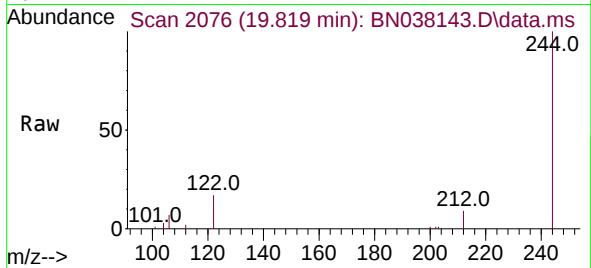
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Ion Ratio Lower Upper
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120 15.0 10.7 16.1
236 29.7 23.1 34.7





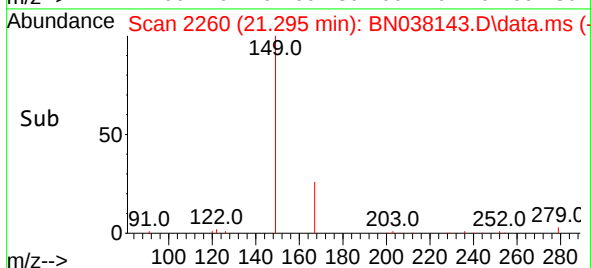
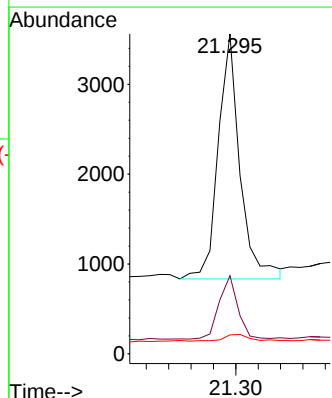
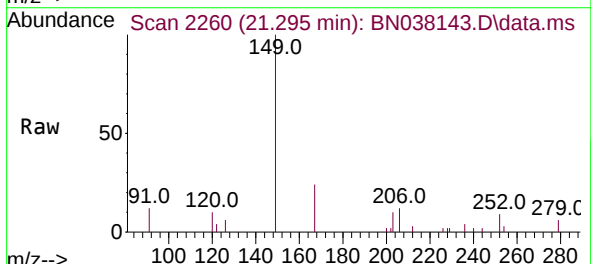
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 Terphenyl-d14
 Concen: 0.516 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: BN038143.D
 Acq: 04 Nov 2025 18:59

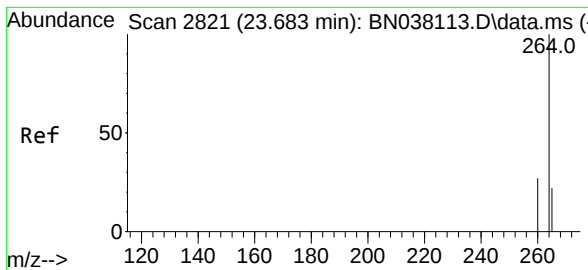
Tgt Ion:244 Resp: 13828
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.8 11.6
 122 17.3 15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.158 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. -0.000 min
 Lab File: BN038143.D
 Acq: 04 Nov 2025 18:59

Tgt Ion:149 Resp: 3676
 Ion Ratio Lower Upper
 149 100
 167 22.2 21.1 31.7
 279 3.4 2.9 4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BN038143.D
Acq: 04 Nov 2025 18:59

Tgt Ion:	264	Resp:	11504
Ion Ratio	Lower	Upper	
264	100		
260	27.0	21.8	32.8
265	108.6	68.6	102.8#

