

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
 Data File : BN038052.D
 Acq On : 07 Oct 2025 18:44
 Operator : RC/JU
 Sample : Q3237-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250926

Quant Time: Oct 07 19:11:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

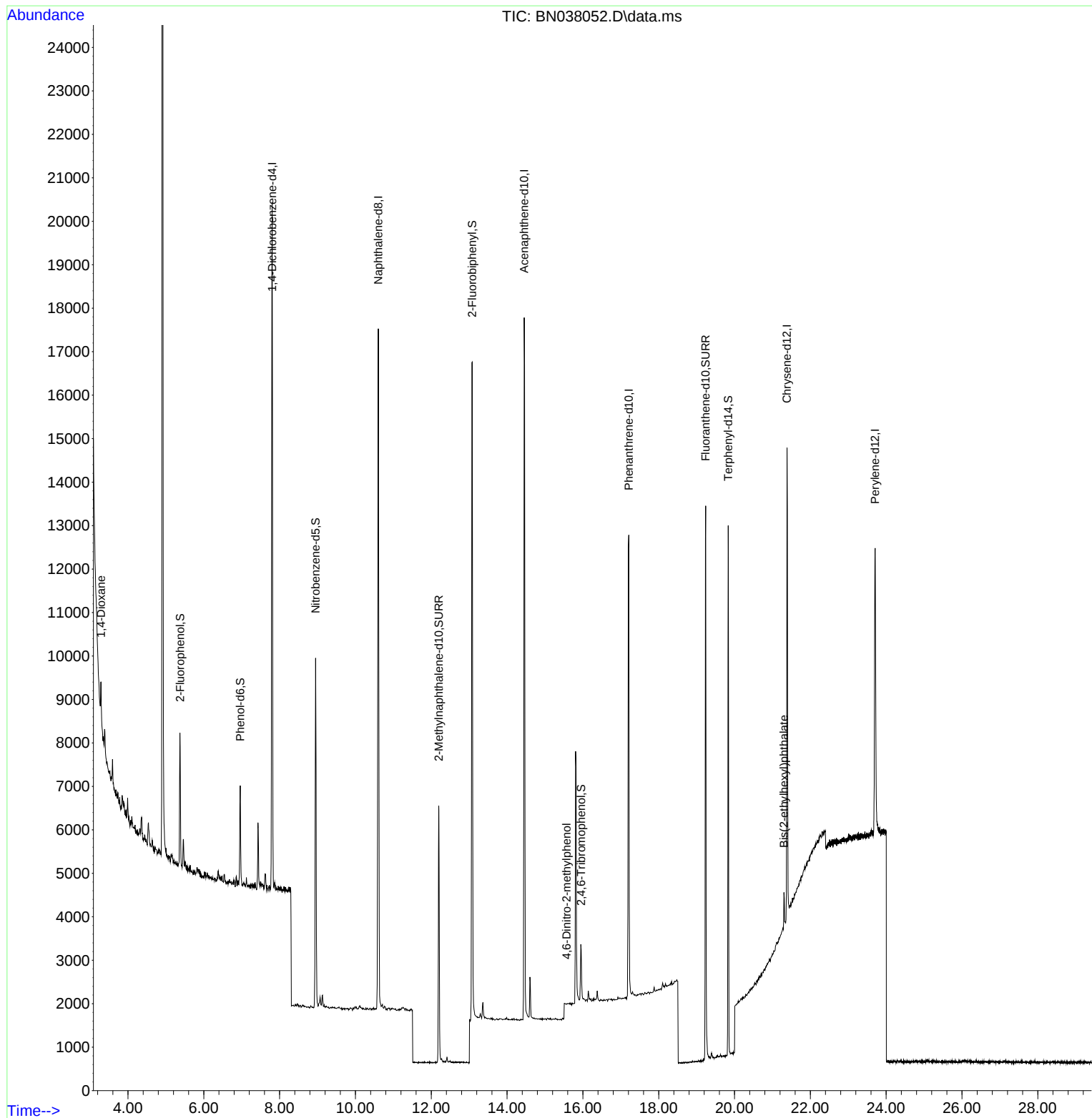
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7715	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	20976	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	9698	0.400	ng	-0.02
19) Phenanthrene-d10	17.211	188	16691	0.400	ng	-0.01
29) Chrysene-d12	21.384	240	10249	0.400	ng	#-0.02
35) Perylene-d12	23.709	264	9677	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2378	0.135	ng	0.00
5) Phenol-d6	6.959	99	1843	0.080	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6098	0.381	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	8302	0.285	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	894	0.243	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	14802	0.373	ng	-0.01
27) Fluoranthene-d10	19.239	212	14038	0.334	ng	-0.01
31) Terphenyl-d14	19.833	244	11174	0.547	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	643	0.082	ng	# 42
20) 4,6-Dinitro-2-methylph...	15.572	198	12	0.073	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.304	149	937	0.066	ng	# 99

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

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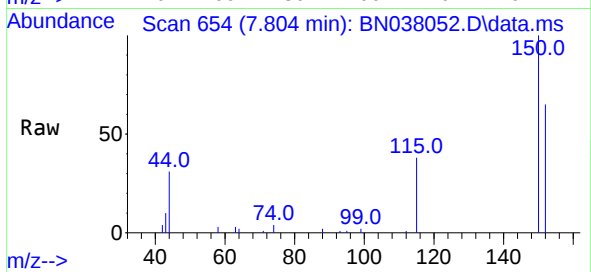
Quant Time: Oct 07 19:11:58 2025
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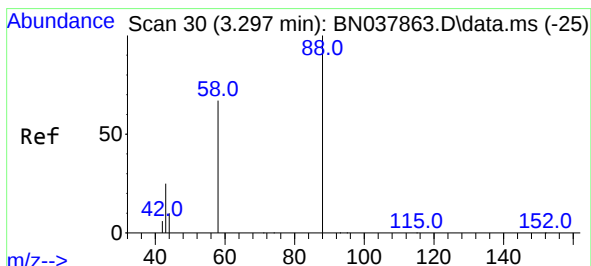
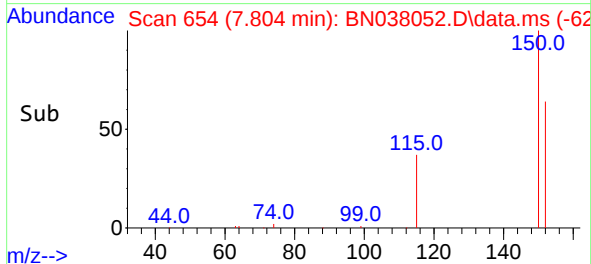
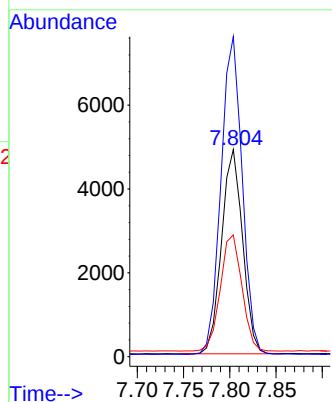


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250926

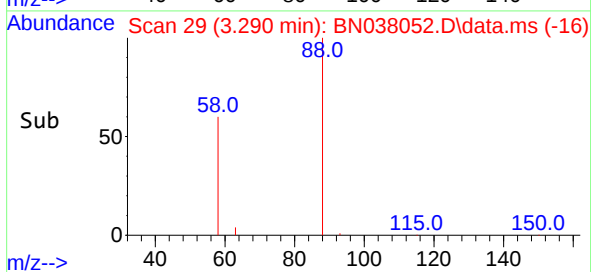
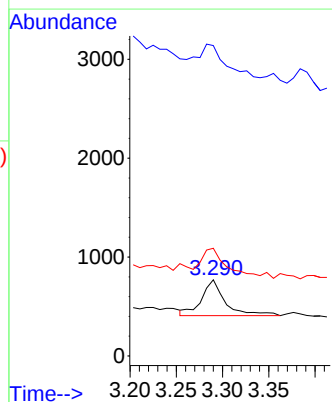
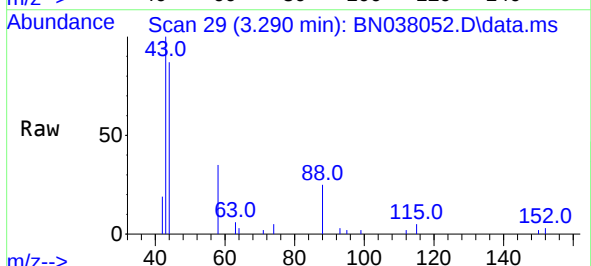


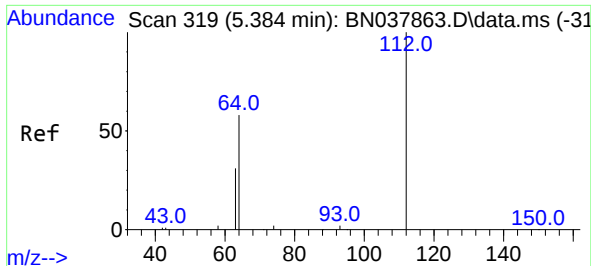
Tgt Ion:152 Resp: 7715
Ion Ratio Lower Upper
152 100
150 154.4 121.0 181.4
115 58.8 47.4 71.0



#2
1,4-Dioxane
Concen: 0.082 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

Tgt Ion: 88 Resp: 643
Ion Ratio Lower Upper
88 100
43 109.2 26.6 39.8#
58 93.5 58.9 88.3#





#4

2-Fluorophenol

Concen: 0.135 ng

RT: 5.377 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN038052.D

Acq: 07 Oct 2025 18:44

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20250926

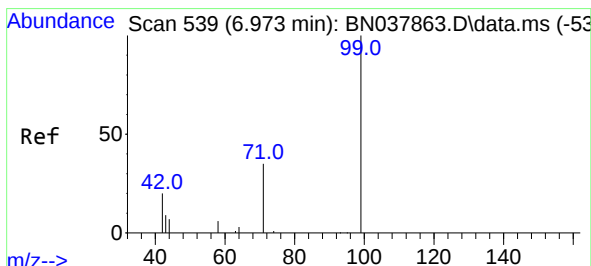
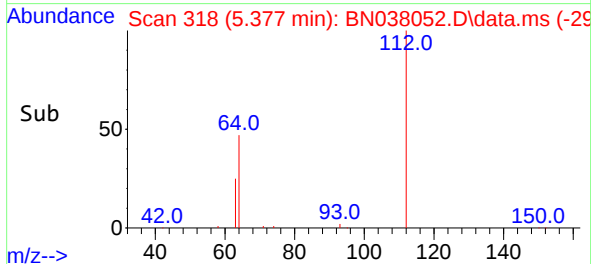
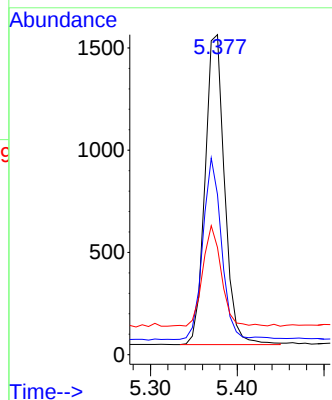
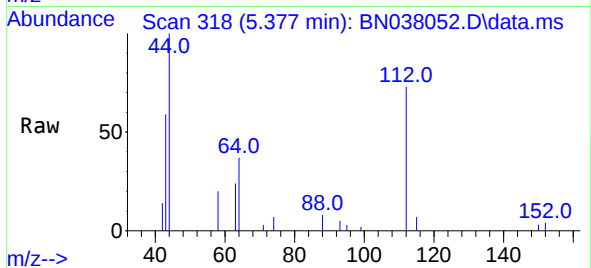
Tgt Ion:112 Resp: 2378

Ion Ratio Lower Upper

112 100

64 55.5 44.6 66.8

63 31.1 24.9 37.3



#5

Phenol-d6

Concen: 0.080 ng

RT: 6.959 min Scan# 537

Delta R.T. -0.014 min

Lab File: BN038052.D

Acq: 07 Oct 2025 18:44

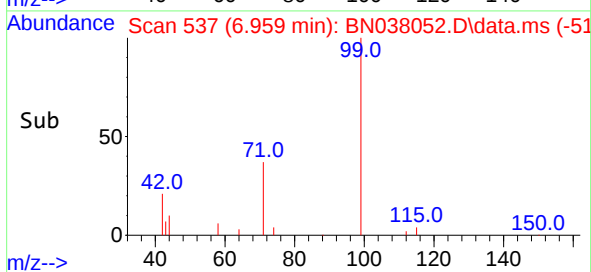
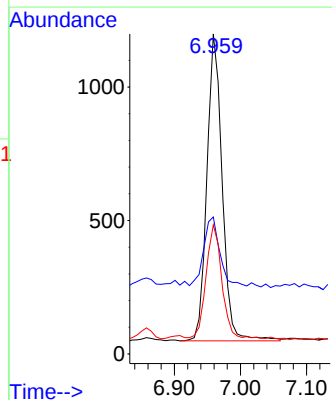
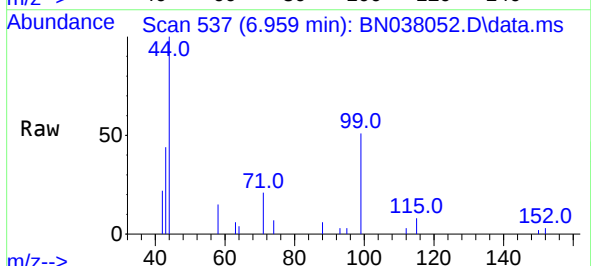
Tgt Ion: 99 Resp: 1843

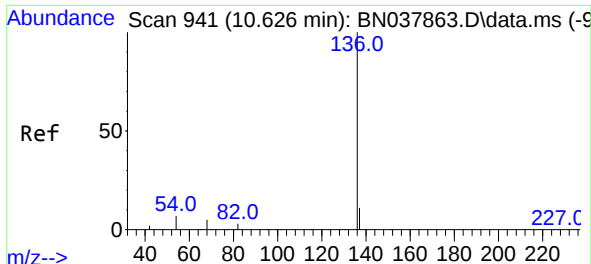
Ion Ratio Lower Upper

99 100

42 23.1 17.2 25.8

71 38.0 27.3 40.9

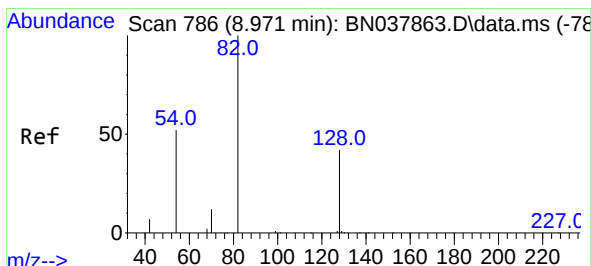
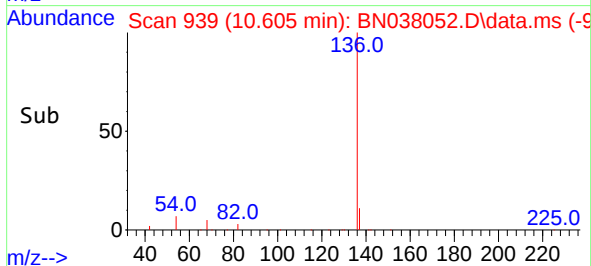
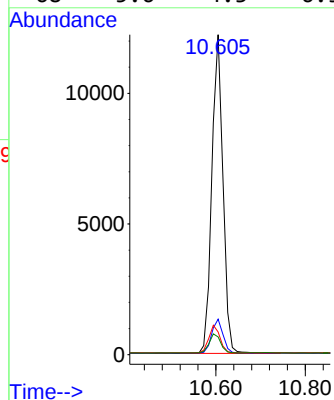
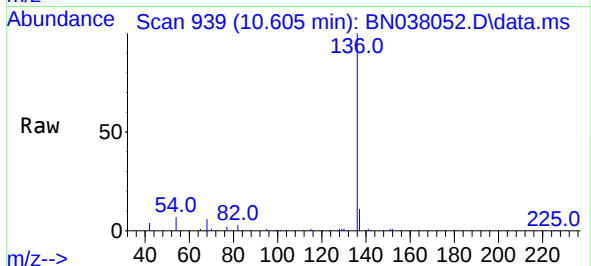




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

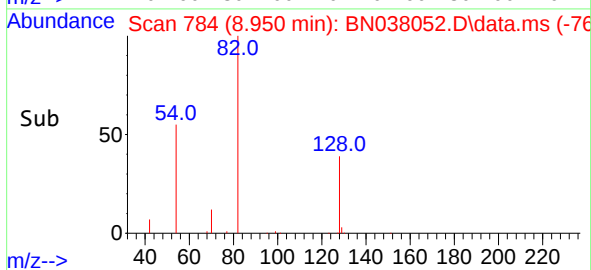
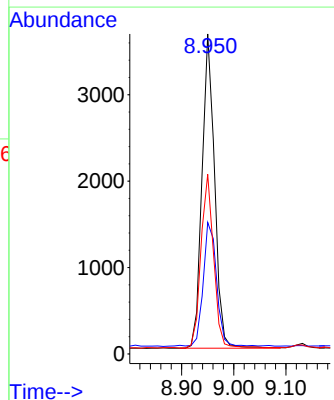
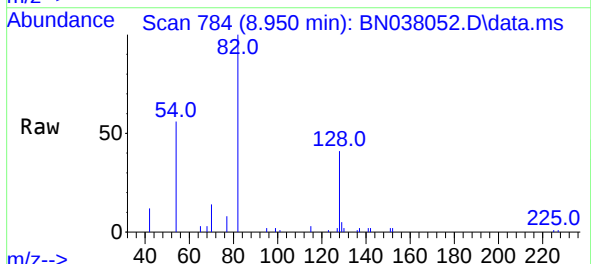
Instrument :
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RW8-SP100-20250926

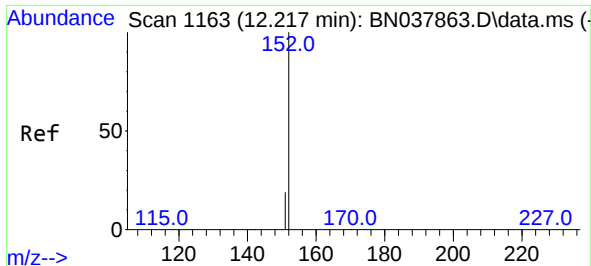
Tgt Ion:	136	Resp:	20976
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.1	5.8	8.8
68	5.6	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

Tgt Ion:	82	Resp:	6098
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.8	52.2
54	56.1	42.2	63.2

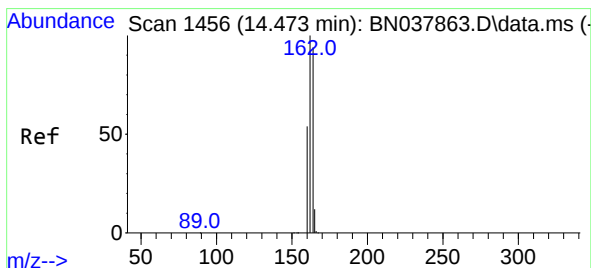
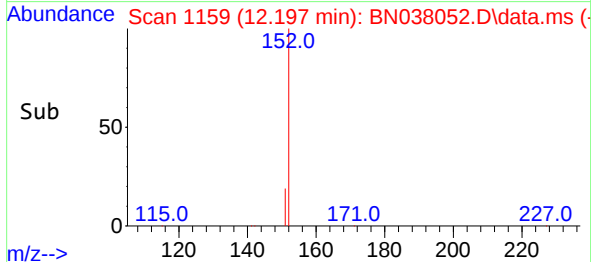
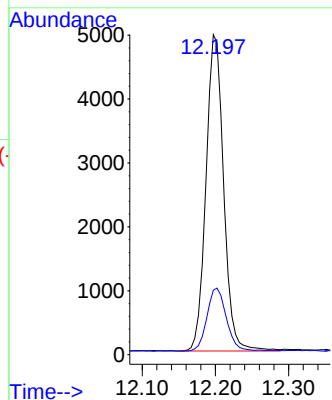
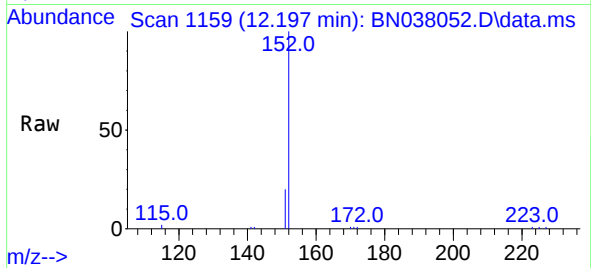




#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.197 min Scan# 1163
Delta R.T. -0.020 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

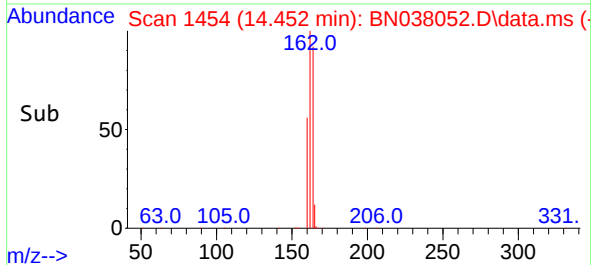
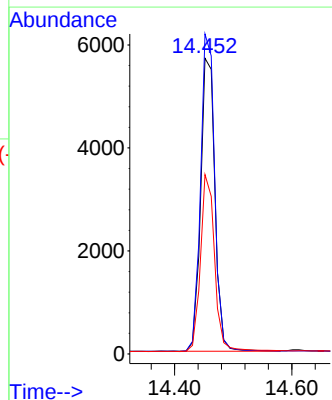
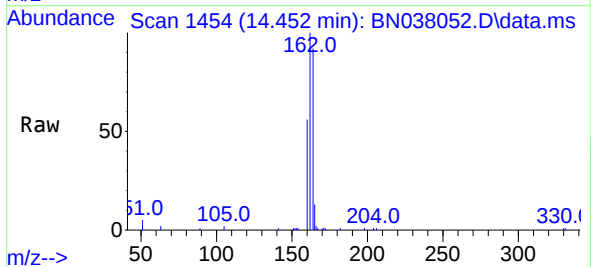
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250926

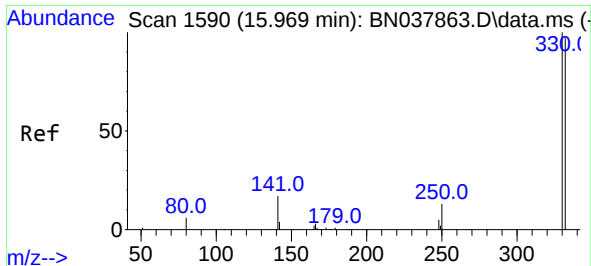
Tgt Ion:152 Resp: 8302
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.021 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

Tgt Ion:164 Resp: 9698
Ion Ratio Lower Upper
164 100
162 108.2 84.8 127.2
160 60.7 46.1 69.1

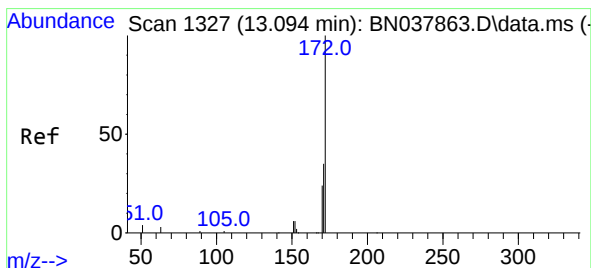
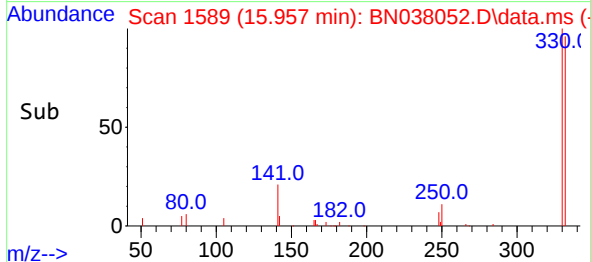
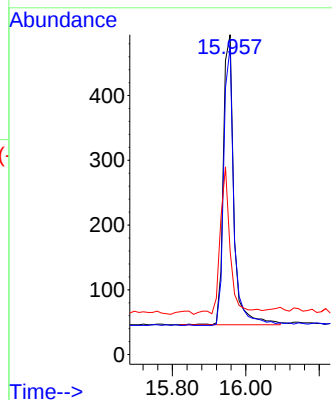
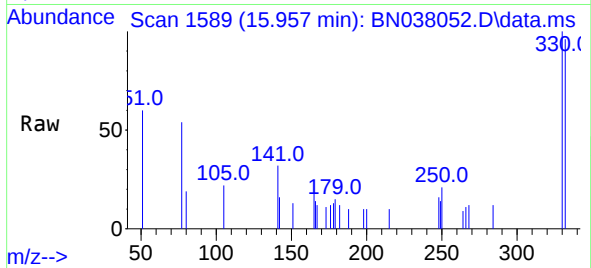




#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

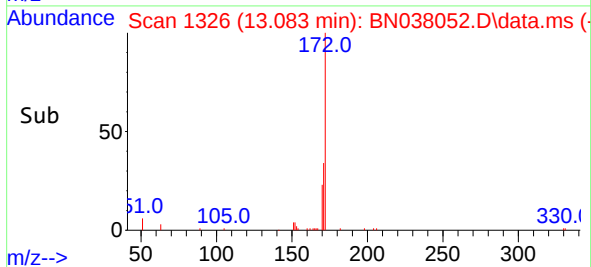
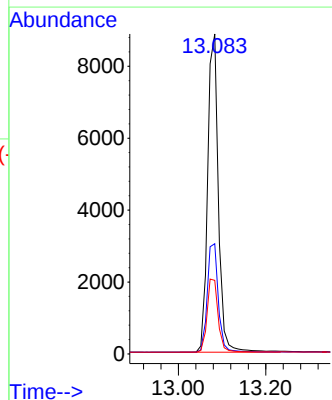
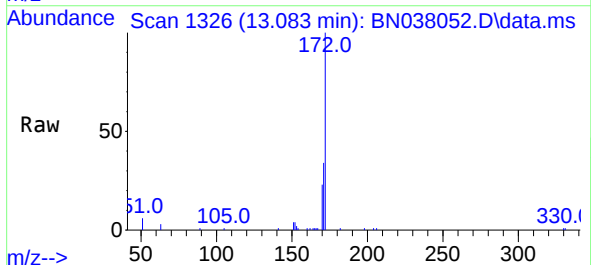
Instrument :
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ClientSampleId :
RW8-SP100-20250926

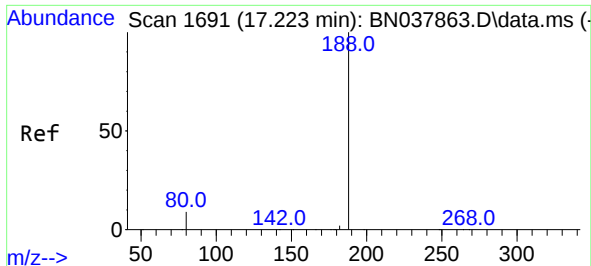
Tgt Ion:330 Resp: 894
Ion Ratio Lower Upper
330 100
332 93.5 77.2 115.8
141 48.7 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

Tgt Ion:172 Resp: 14802
Ion Ratio Lower Upper
172 100
171 34.4 28.6 43.0
170 23.0 19.7 29.5

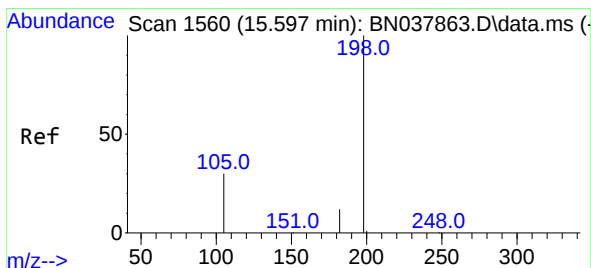
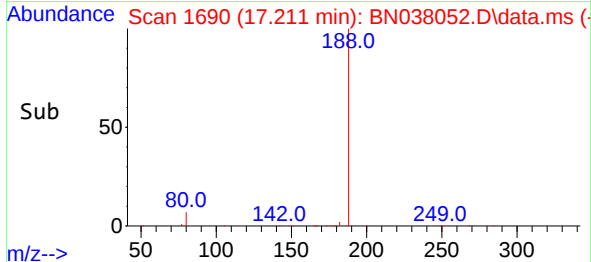
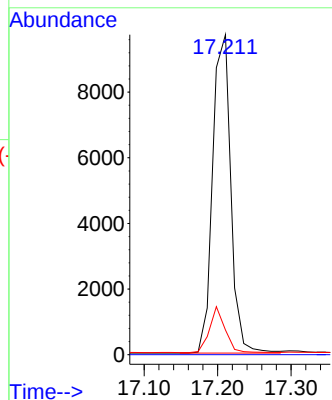
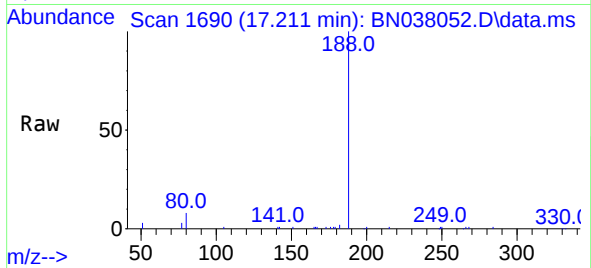




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

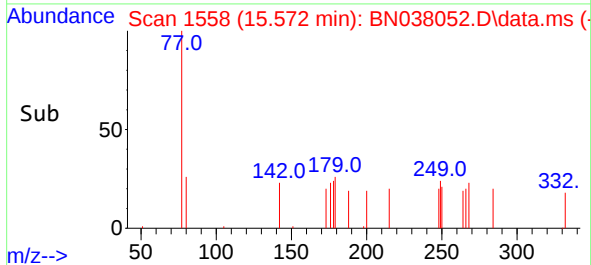
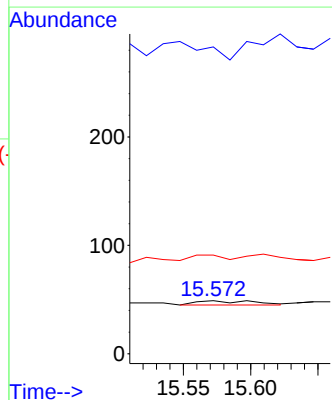
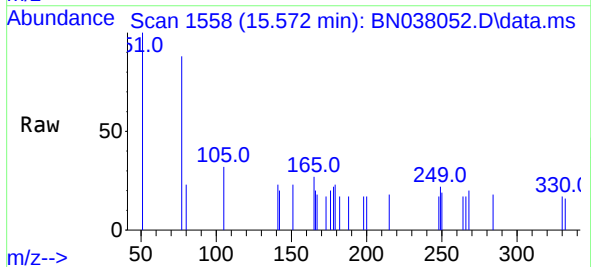
Instrument :
BNA_N
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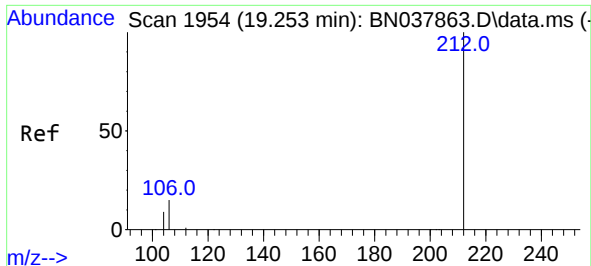
Tgt Ion:188 Resp: 16691
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.073 ng
RT: 15.572 min Scan# 1558
Delta R.T. -0.025 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 577.6 59.1 88.7#
105 185.7 41.3 61.9#

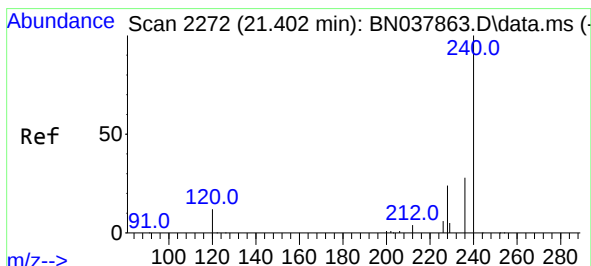
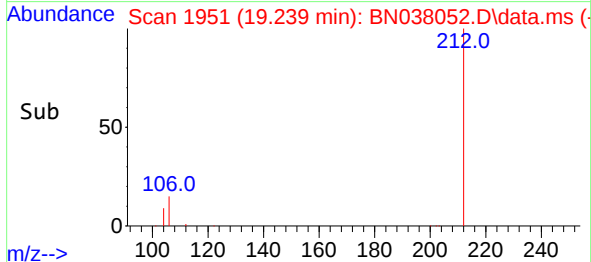
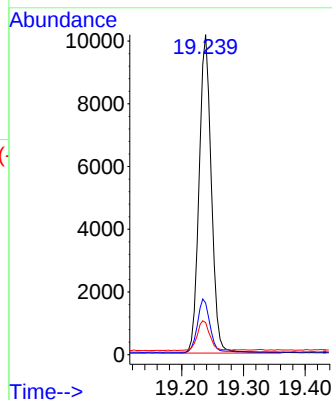
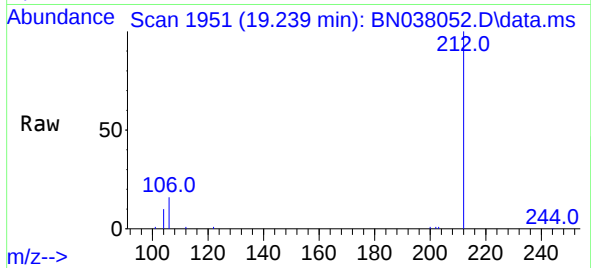




#27
Fluoranthene-d10
Concen: 0.334 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

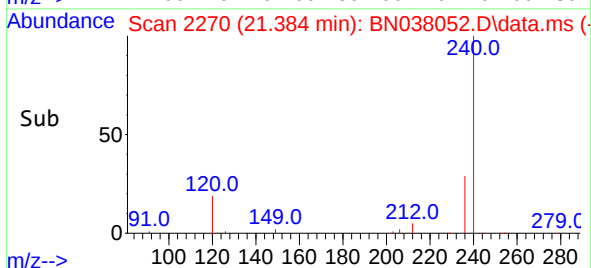
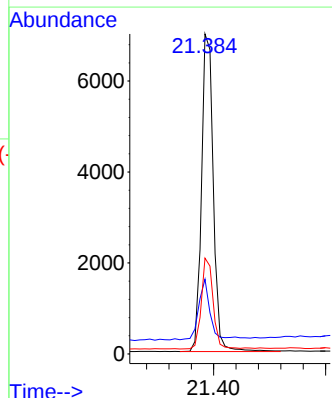
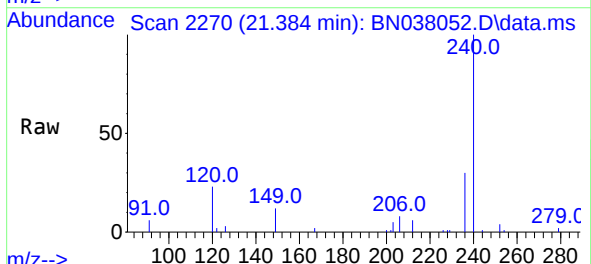
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250926

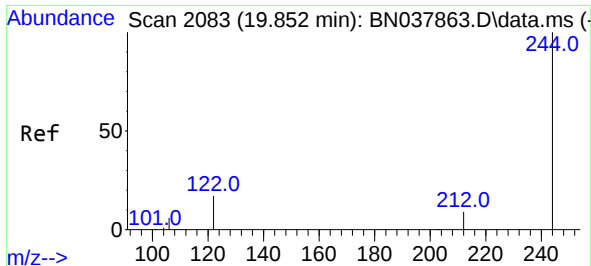
Tgt Ion:212 Resp: 14038
Ion Ratio Lower Upper
212 100
106 17.3 12.6 19.0
104 9.6 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2270
Delta R.T. -0.018 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

Tgt Ion:240 Resp: 10249
Ion Ratio Lower Upper
240 100
120 23.4 11.4 17.2#
236 29.9 23.0 34.6

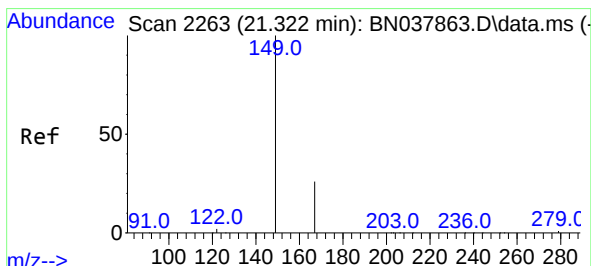
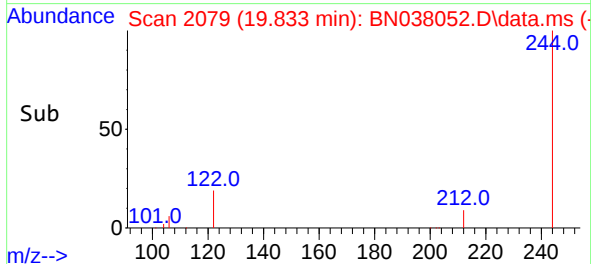
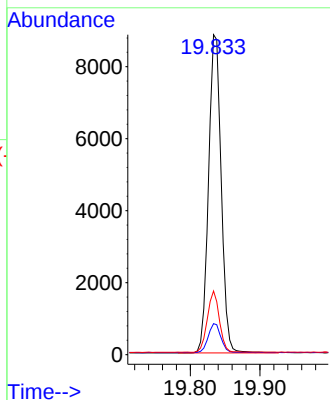
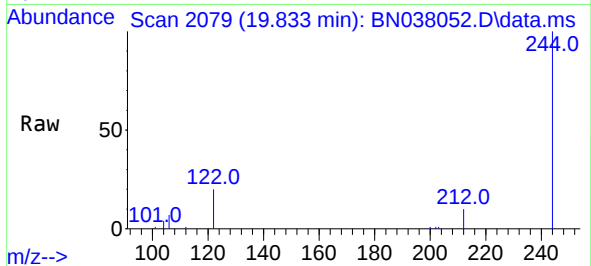




#31
Terphenyl-d14
Concen: 0.547 ng
RT: 19.833 min Scan# 2083
Delta R.T. -0.019 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

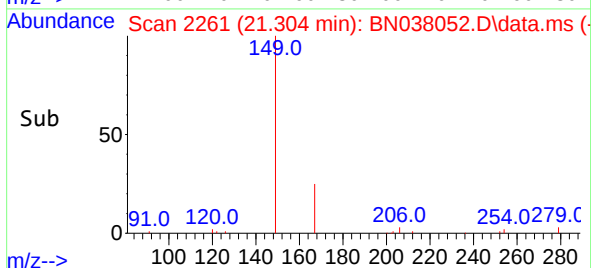
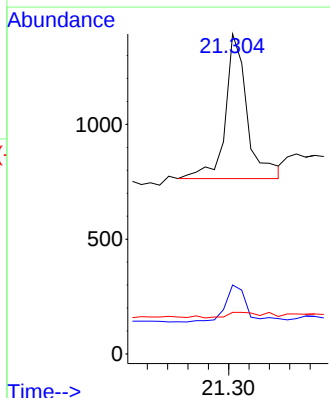
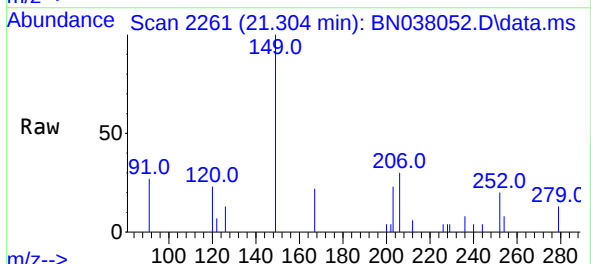
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250926

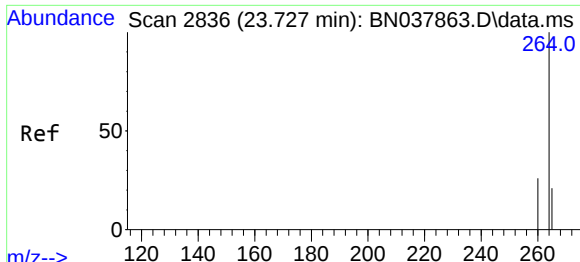
Tgt Ion:244 Resp: 11174
Ion Ratio Lower Upper
244 100
212 9.7 7.6 11.4
122 19.9 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.066 ng
RT: 21.304 min Scan# 2261
Delta R.T. -0.018 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

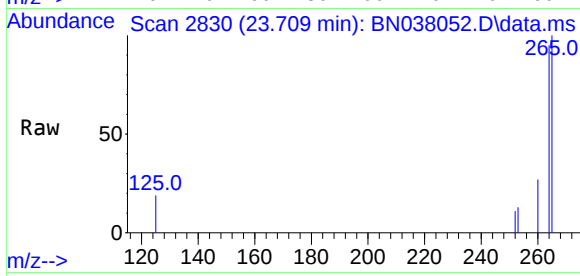
Tgt Ion:149 Resp: 937
Ion Ratio Lower Upper
149 100
167 25.9 20.4 30.6
279 5.0 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038052.D
Acq: 07 Oct 2025 18:44

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250926



Tgt Ion:264 Resp: 9677

Ion	Ratio	Lower	Upper
264	100		
260	28.7	21.5	32.3
265	105.6	53.8	80.6#

