

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102025\
 Data File : BN038106.D
 Acq On : 20 Oct 2025 20:21
 Operator : RC/JU
 Sample : Q3371-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20251010

Quant Time: Oct 21 02:26:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 21 02:23:15 2025
 Response via : Initial Calibration

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

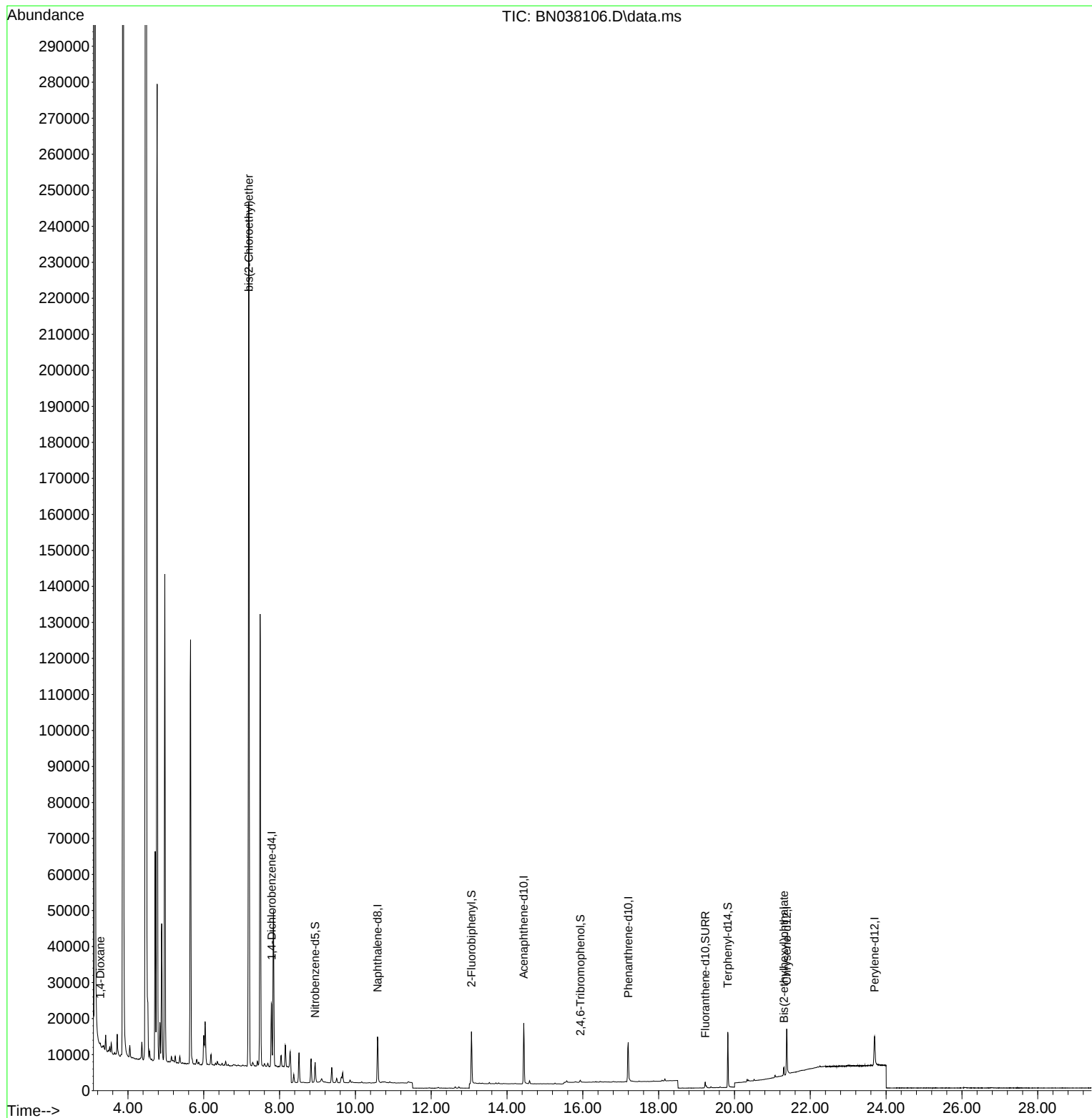
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	7049	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	18584	0.400	ng	# 0.00
13) Acenaphthene-d10	14.441	164	9633	0.400	ng	0.00
19) Phenanthrene-d10	17.198	188	18045	0.400	ng	0.00
29) Chrysene-d12	21.384	240	14009	0.400	ng	0.00
35) Perylene-d12	23.695	264	12701	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	35	0.002	ng	0.00
5) Phenol-d6	6.944	99	4	0.000	ng	0.00
8) Nitrobenzene-d5	8.939	82	4860	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	12.187	152	418	0.016	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	313	0.086	ng	-0.01
15) 2-Fluorobiphenyl	13.062	172	13330	0.338	ng	0.00
27) Fluoranthene-d10	19.229	212	1918	0.042	ng	0.00
31) Terphenyl-d14	19.824	244	15238	0.546	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.268	88	302	0.042	ng	# 8
6) bis(2-Chloroethyl)ether	7.190	93	153227	7.810	ng	# 44
34) Bis(2-ethylhexyl)phtha...	21.304	149	2271	0.117	ng	# 93

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

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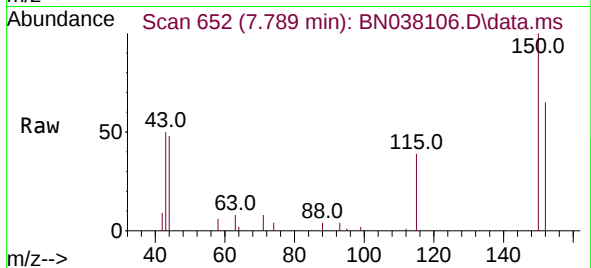
Quant Time: Oct 21 02:26:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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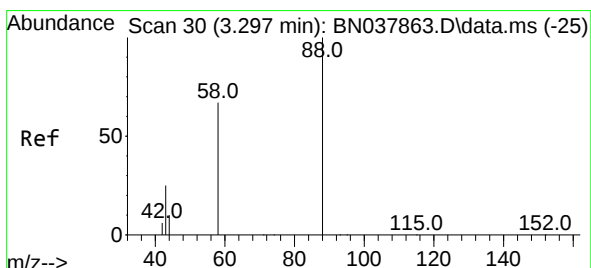
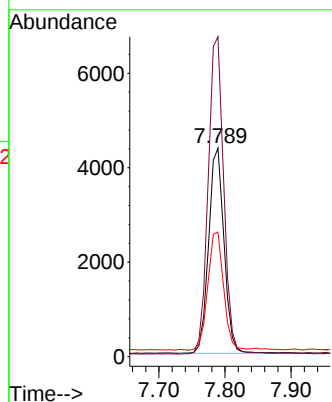
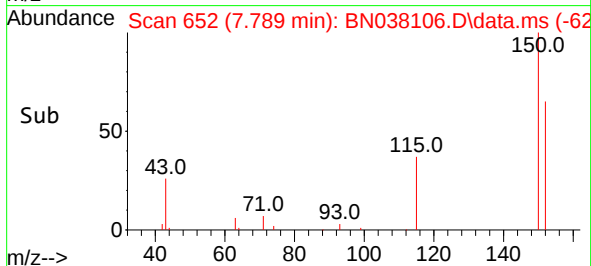


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN038106.D
 Acq: 20 Oct 2025 20:21

Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20251010

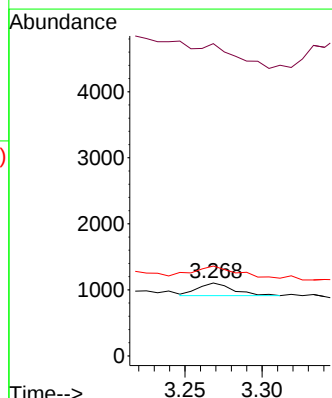
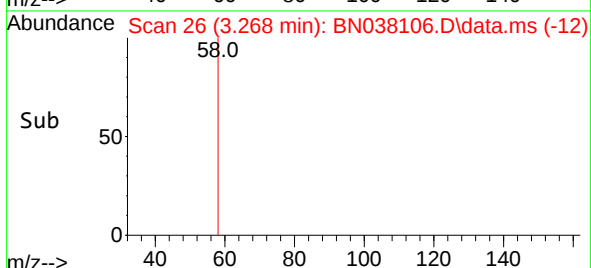
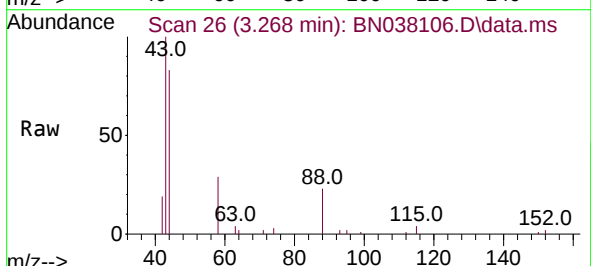


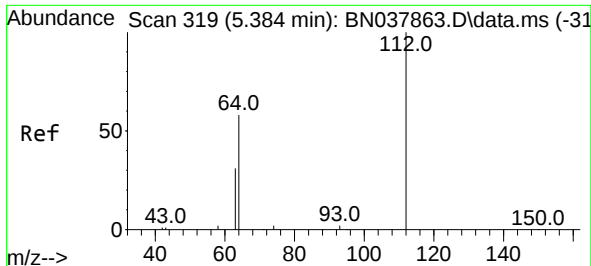
Tgt Ion:152 Resp: 7049
 Ion Ratio Lower Upper
 152 100
 150 153.6 121.0 181.4
 115 59.7 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.042 ng
 RT: 3.268 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: BN038106.D
 Acq: 20 Oct 2025 20:21

Tgt Ion: 88 Resp: 302
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8#
 58 164.2 58.9 88.3#





#4

2-Fluorophenol

Concen: 0.002 ng

RT: 5.363 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN038106.D

Acq: 20 Oct 2025 20:21

Instrument :

BNA_N

ClientSampleId :

VPB184-HYD-20251010

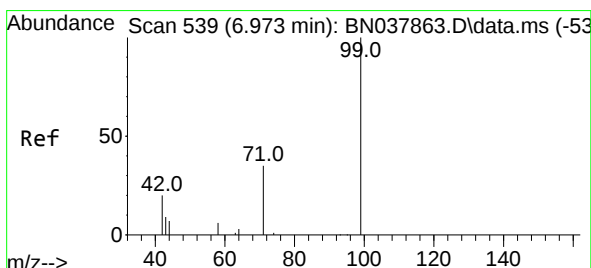
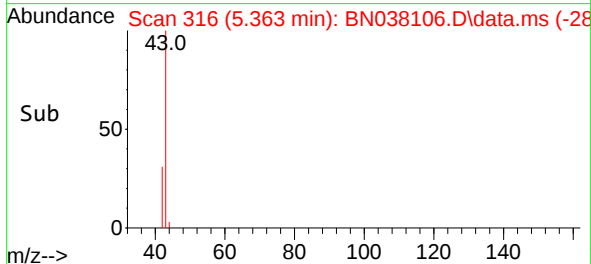
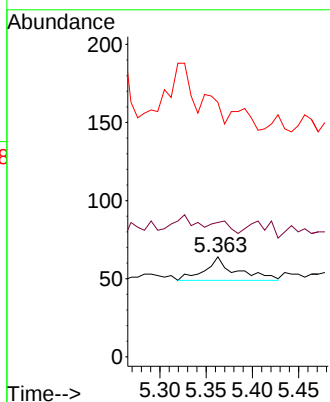
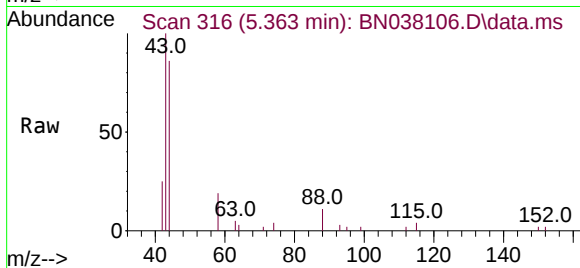
Tgt Ion:112 Resp: 35

Ion Ratio Lower Upper

112 100

64 28.6 44.6 66.8#

63 0.0 24.9 37.3#



#5

Phenol-d6

Concen: 0.000 ng

RT: 6.944 min Scan# 535

Delta R.T. -0.000 min

Lab File: BN038106.D

Acq: 20 Oct 2025 20:21

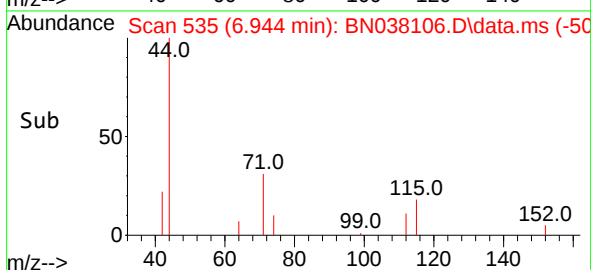
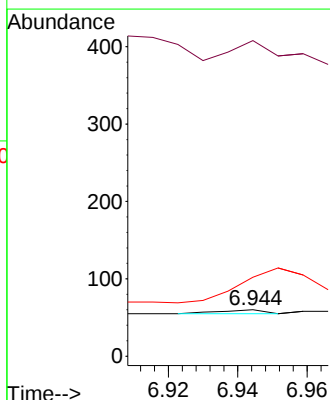
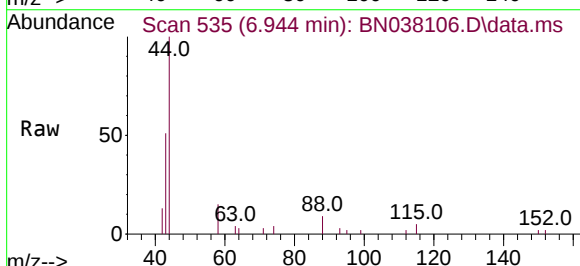
Tgt Ion: 99 Resp: 4

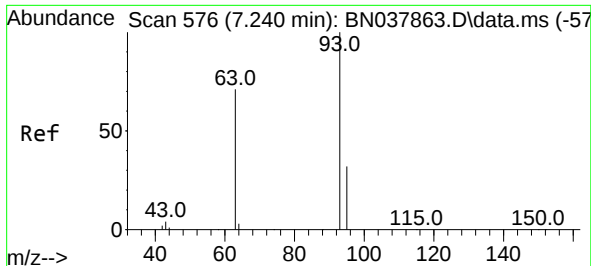
Ion Ratio Lower Upper

99 100

42 825.0 17.2 25.8#

71 1625.0 27.3 40.9#

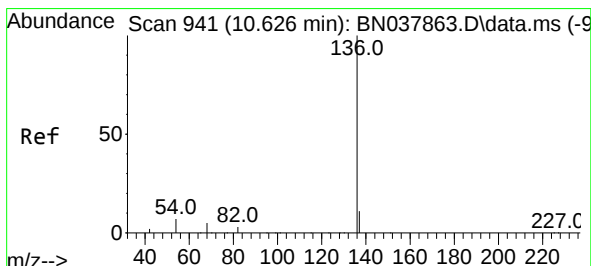
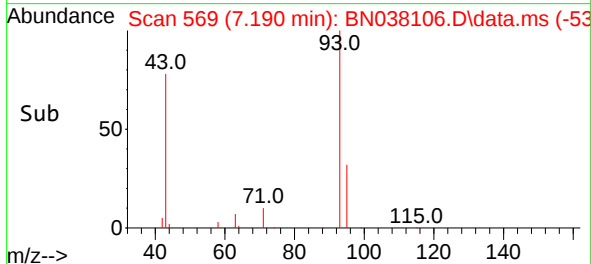
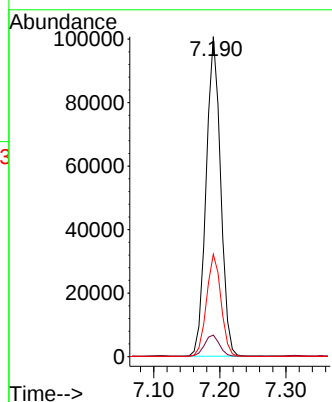
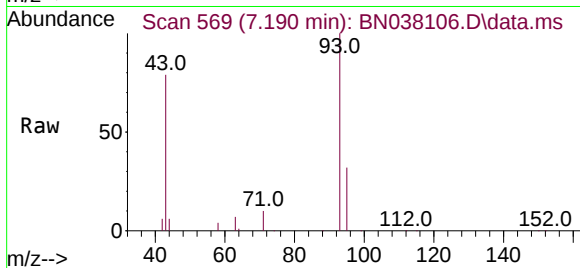




#6
bis(2-Chloroethyl)ether
Concen: 7.810 ng
RT: 7.190 min Scan# 50
Delta R.T. -0.014 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

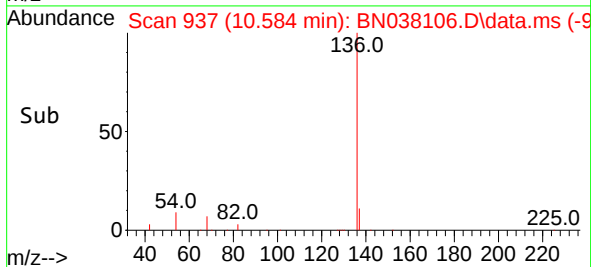
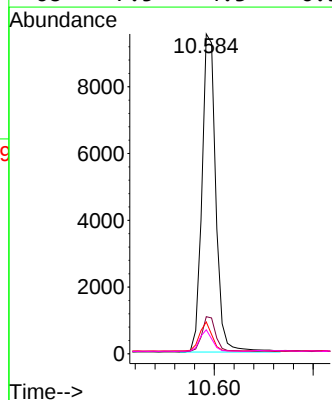
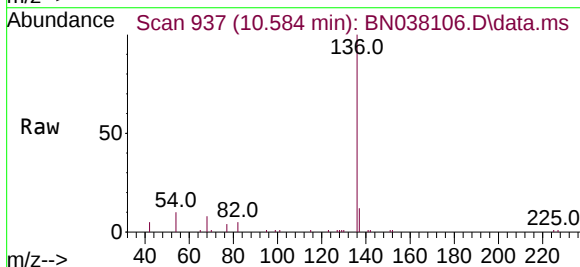
Instrument :
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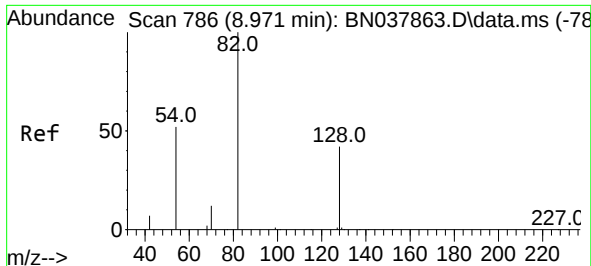
Tgt Ion: 93 Resp: 153227
Ion Ratio Lower Upper
93 100
63 6.8 60.1 90.1#
95 32.0 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Tgt Ion: 136 Resp: 18584
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 10.0 5.8 8.8#
68 7.5 4.3 6.5#

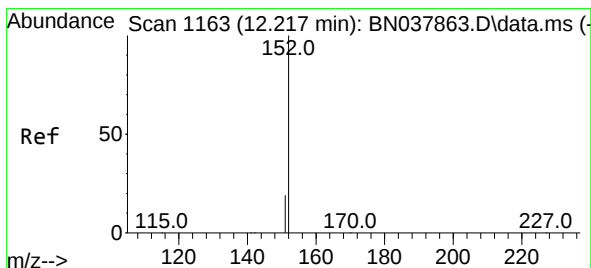
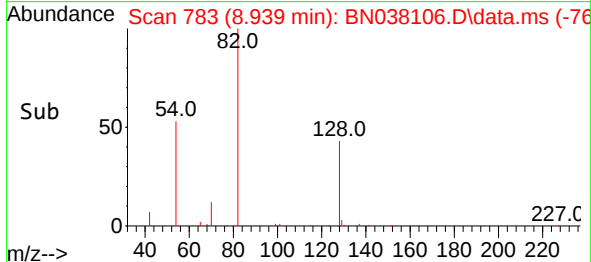
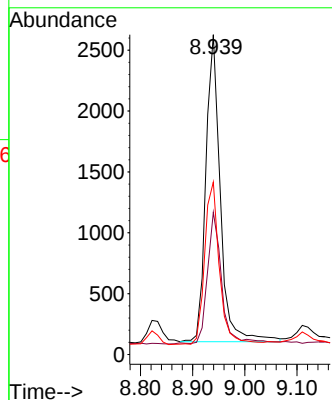
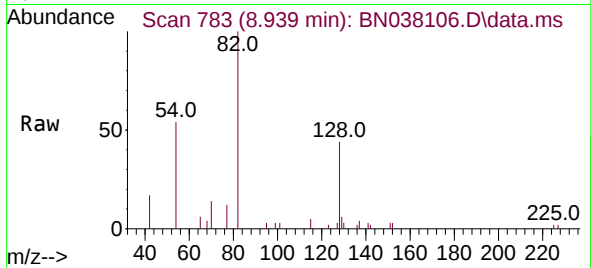




#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 8.939 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

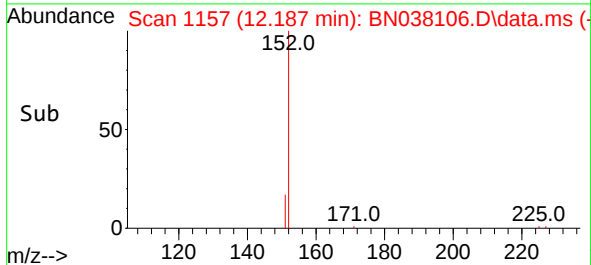
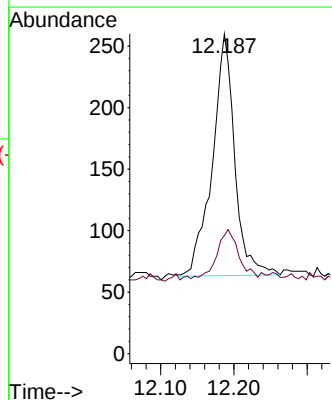
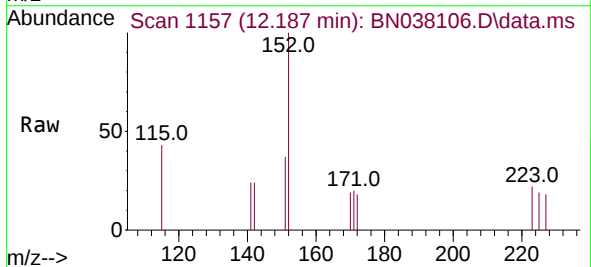
Instrument :
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ClientSampleId :
VPB184-HYD-20251010

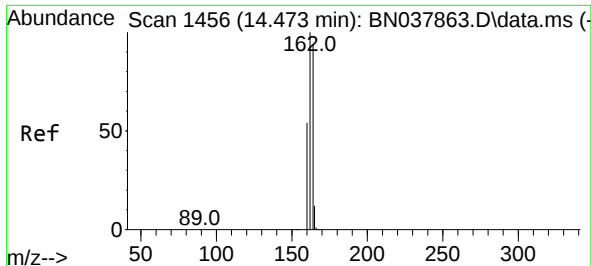
Tgt Ion: 82 Resp: 4860
Ion Ratio Lower Upper
82 100
128 44.5 34.8 52.2
54 53.9 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.016 ng
RT: 12.187 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Tgt Ion: 152 Resp: 418
Ion Ratio Lower Upper
152 100
151 19.4 17.4 26.2

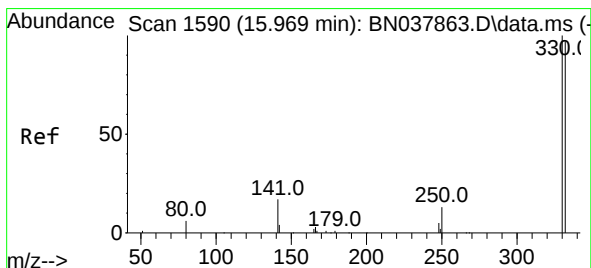
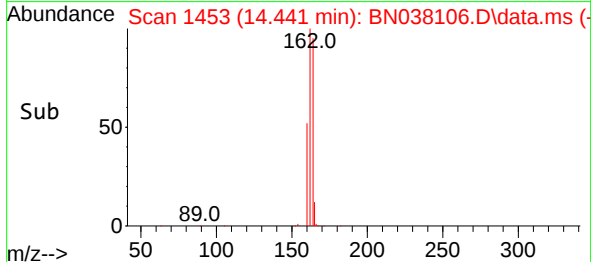
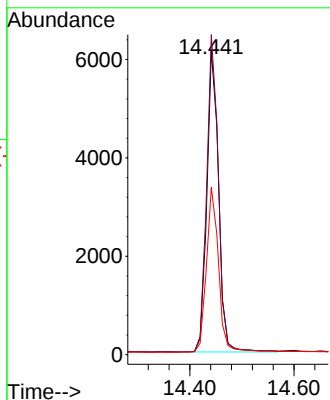
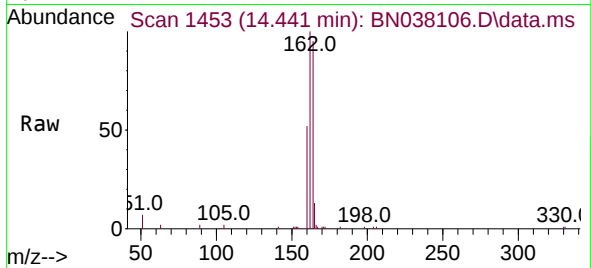




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.441 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

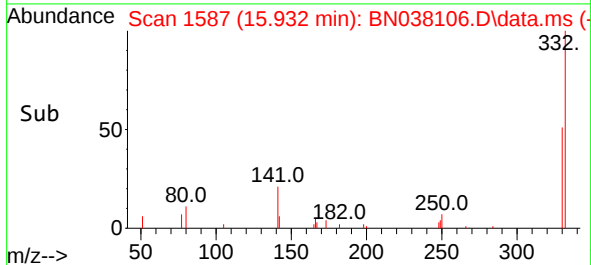
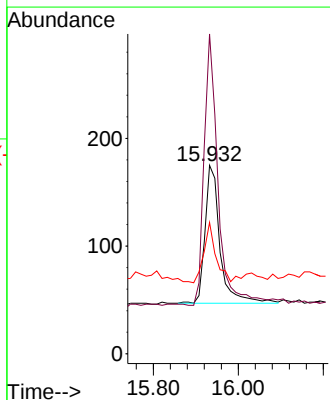
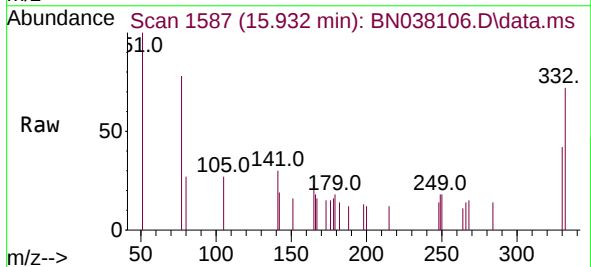
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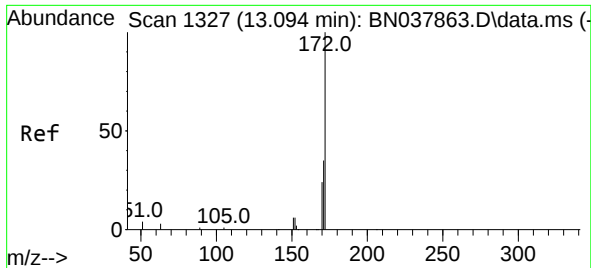
Tgt Ion:164 Resp: 9633
Ion Ratio Lower Upper
164 100
162 105.4 84.8 127.2
160 55.1 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.086 ng
RT: 15.932 min Scan# 1587
Delta R.T. -0.012 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Tgt Ion:330 Resp: 313
Ion Ratio Lower Upper
330 100
332 183.7 77.2 115.8#
141 32.9 37.2 55.8#

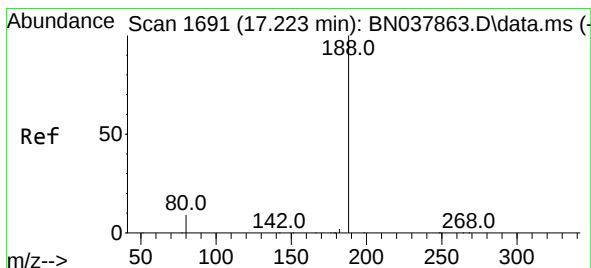
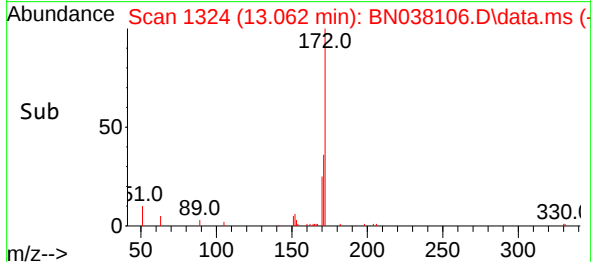
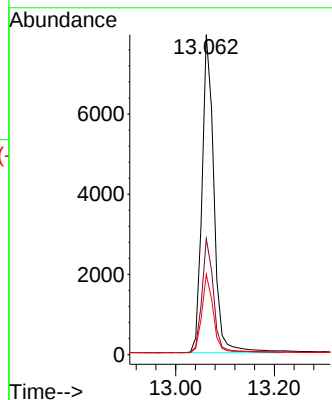
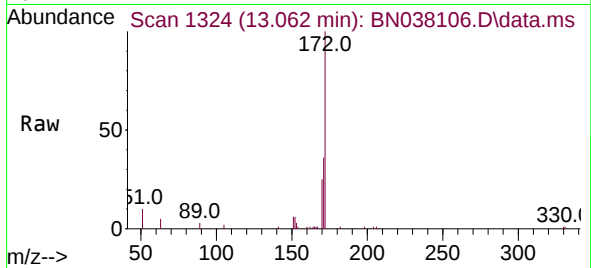




#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.062 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

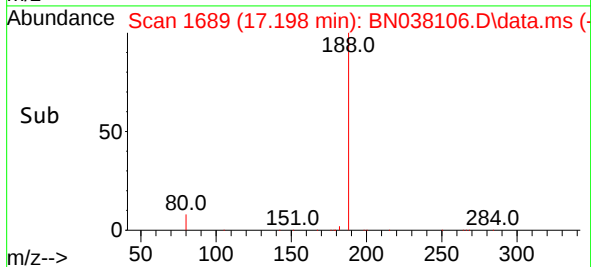
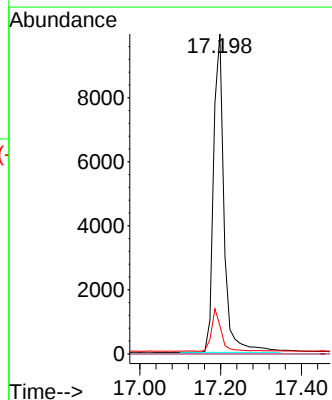
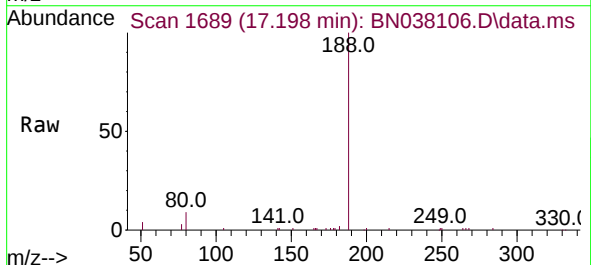
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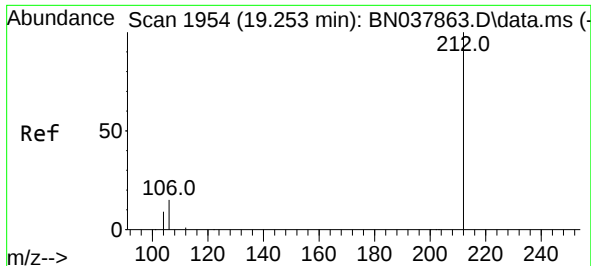
Tgt Ion:172 Resp: 13330
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 25.0 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Tgt Ion:188 Resp: 18045
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 7.6 11.4

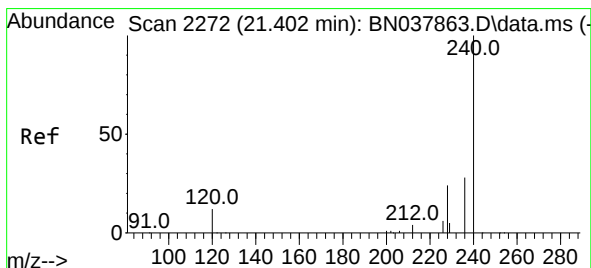
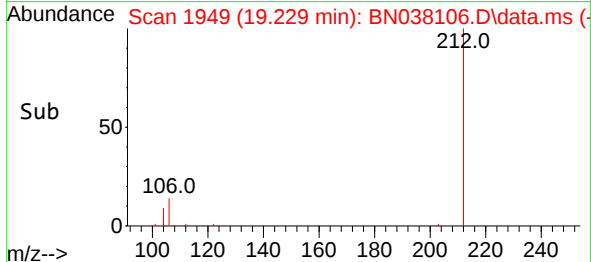
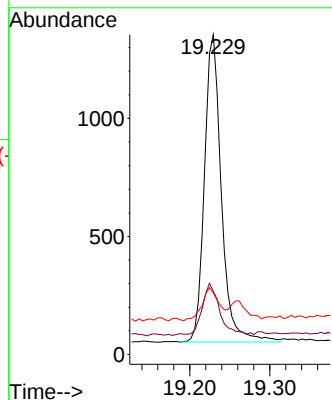
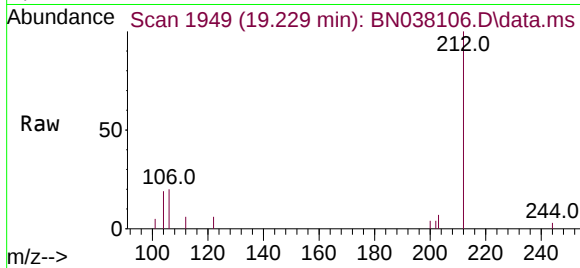




#27
Fluoranthene-d10
Concen: 0.042 ng
RT: 19.229 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

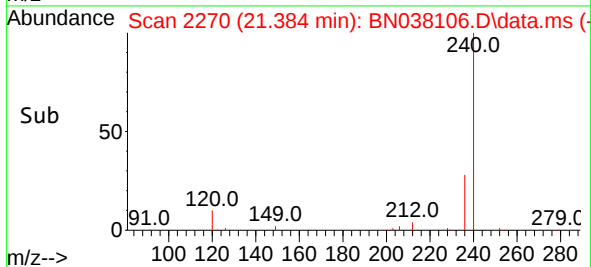
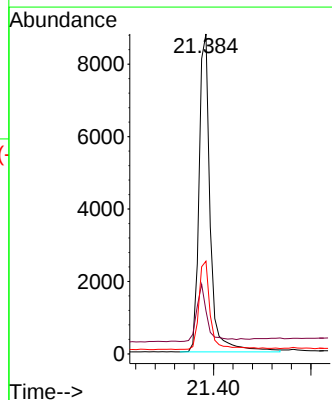
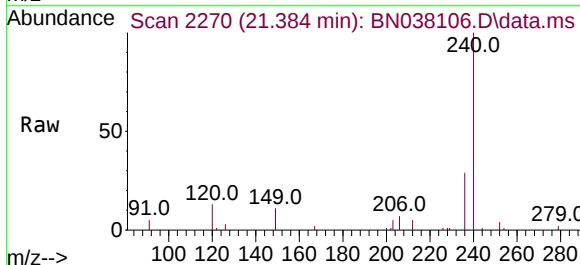
Instrument :
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VPB184-HYD-20251010

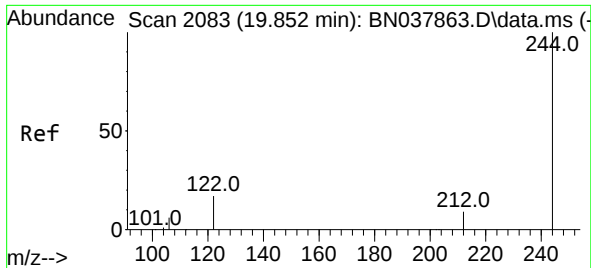
Tgt Ion:212 Resp: 1918
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 10.4 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Tgt Ion:240 Resp: 14009
Ion Ratio Lower Upper
240 100
120 13.5 11.4 17.2
236 29.0 23.0 34.6

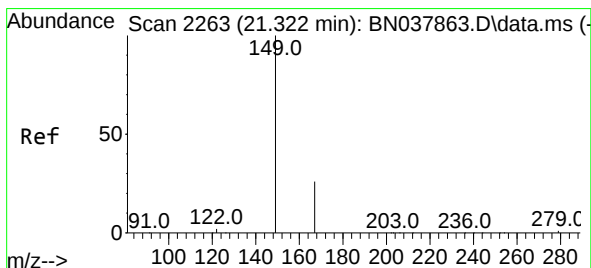
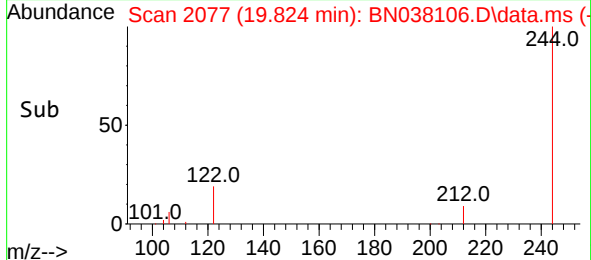
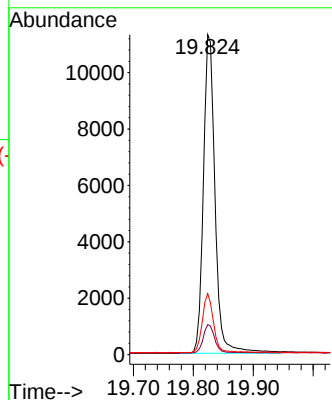
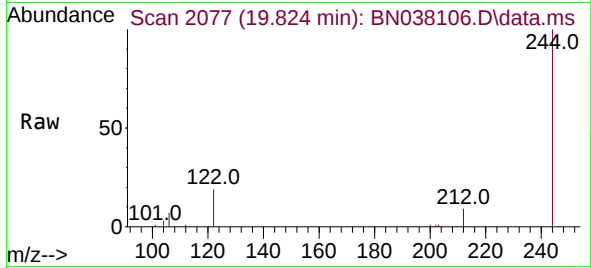




#31
 Terphenyl-d14
 Concen: 0.546 ng
 RT: 19.824 min Scan# 2083
 Delta R.T. -0.009 min
 Lab File: BN038106.D
 Acq: 20 Oct 2025 20:21

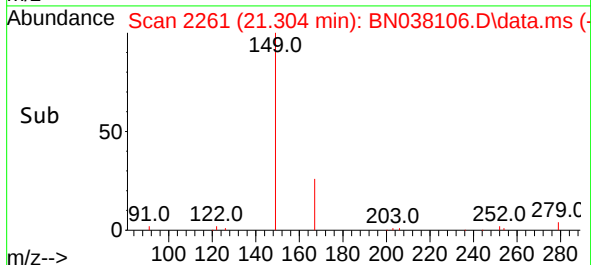
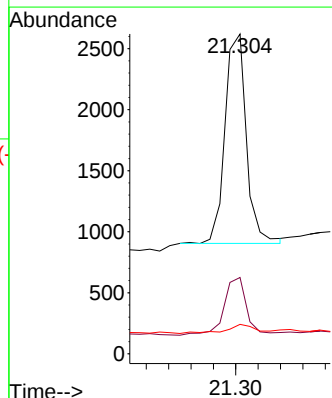
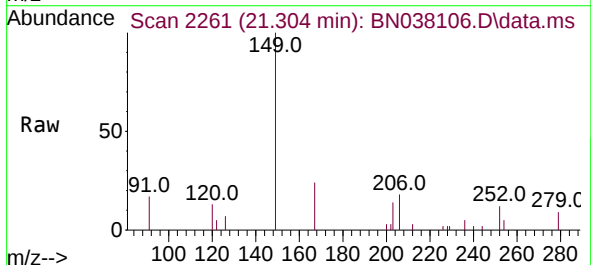
Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20251010

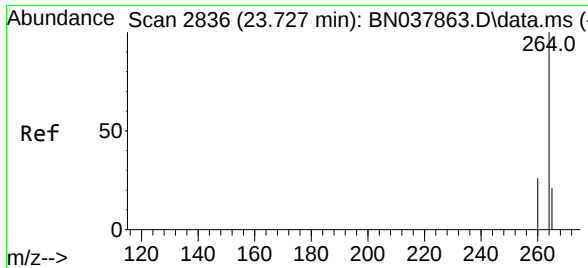
Tgt Ion:244 Resp: 15238
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.6 11.4
 122 19.1 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.117 ng
 RT: 21.304 min Scan# 2261
 Delta R.T. -0.000 min
 Lab File: BN038106.D
 Acq: 20 Oct 2025 20:21

Tgt Ion:149 Resp: 2271
 Ion Ratio Lower Upper
 149 100
 167 28.9 20.4 30.6
 279 5.9 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.695 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251010

Tgt Ion:	264	Resp:	12701
Ion Ratio	Lower	Upper	
264	100		
260	26.7	21.5	32.3
265	100.7	53.8	80.6

