

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038438.D
 Acq On : 16 Dec 2025 12:37
 Operator : RC/JU
 Sample : Q3840-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPHN-MW29D-20251210

Quant Time: Dec 16 13:01:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

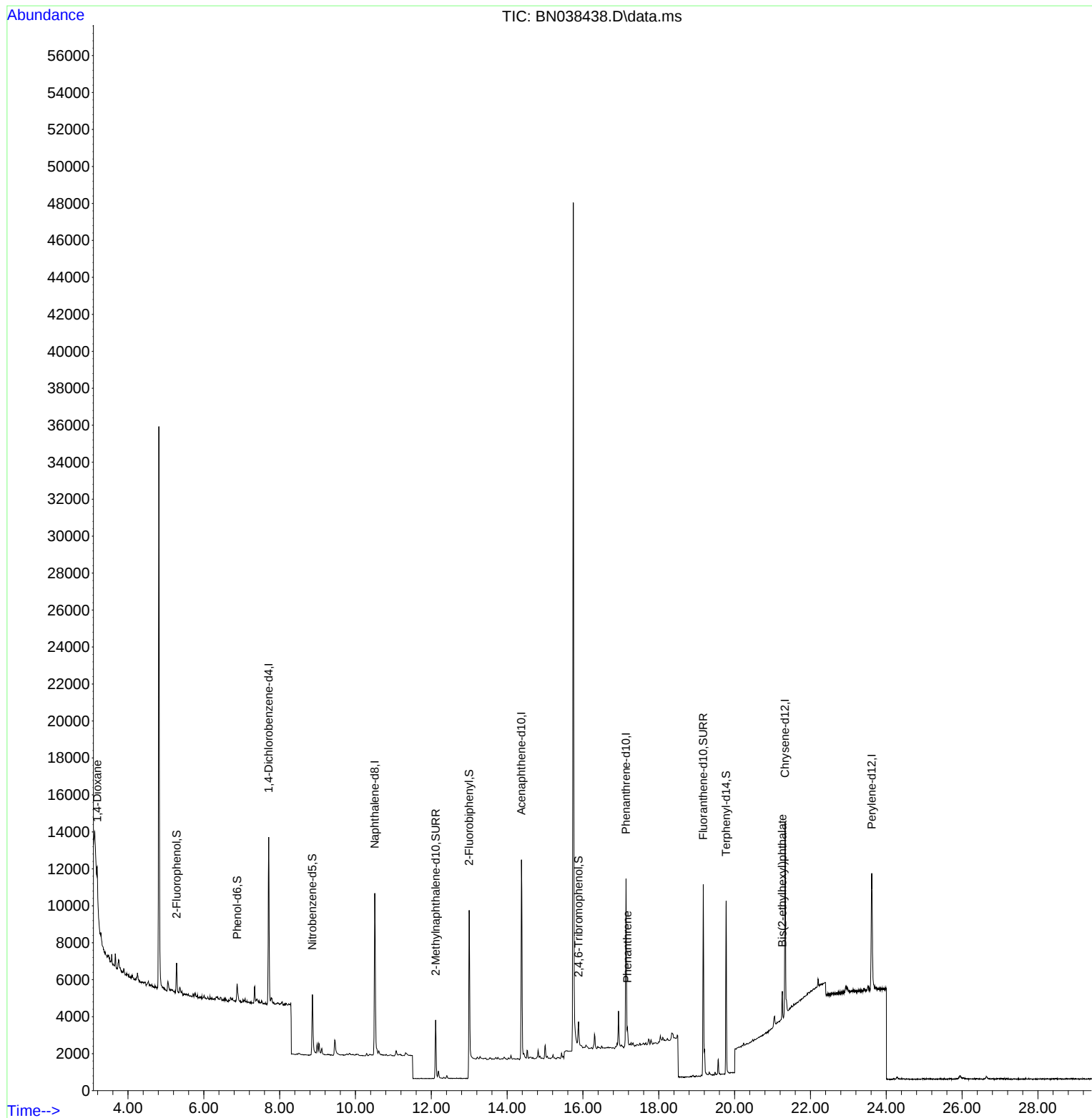
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	4614	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	12349	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6517	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	12394	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	9507	0.400	ng	0.00
35) Perylene-d12	23.619	264	9562	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1323	0.115	ng	0.00
5) Phenol-d6	6.879	99	929	0.068	ng	0.00
8) Nitrobenzene-d5	8.865	82	3094	0.297	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	4681	0.269	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	781	0.270	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	11047	0.352	ng	-0.01
27) Fluoranthene-d10	19.174	212	11207	0.366	ng	-0.01
31) Terphenyl-d14	19.778	244	8757	0.413	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	868	0.164	ng	# 47
25) Phenanthrene	17.173	178	889	0.021	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.259	149	1493	0.074	ng	# 98

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

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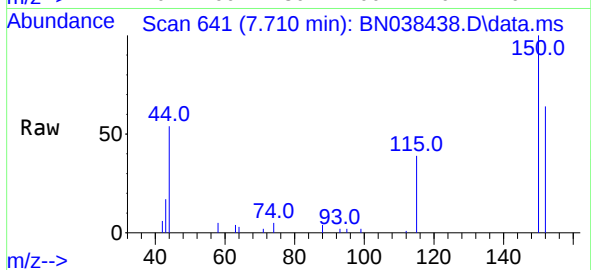
Quant Time: Dec 16 13:01:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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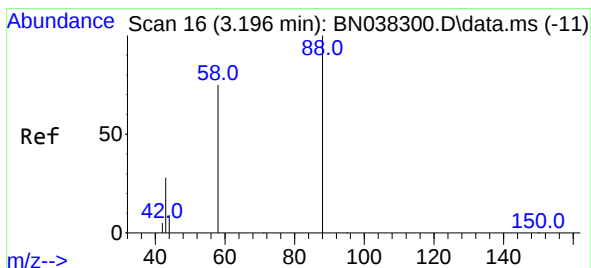
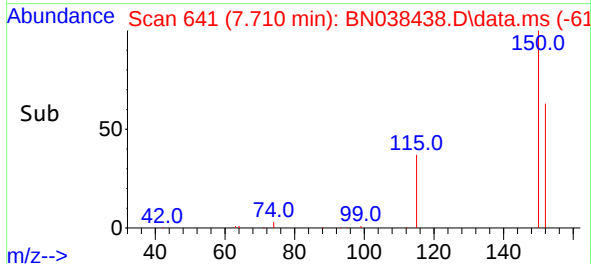
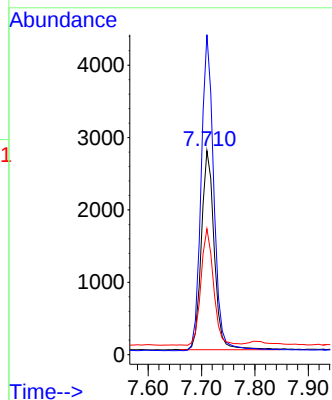


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

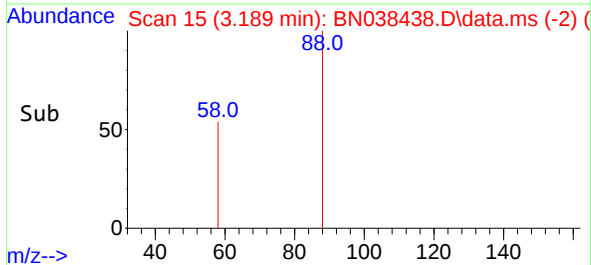
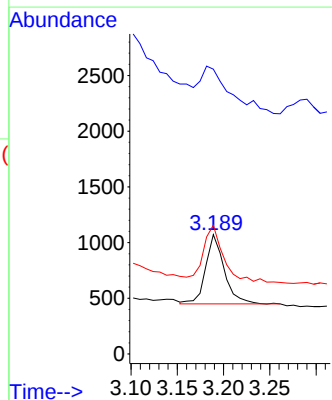
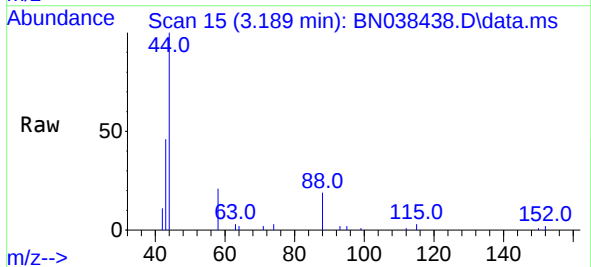


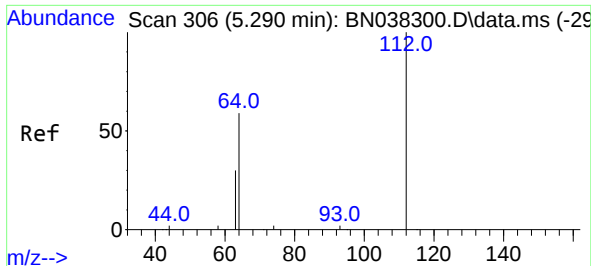
Tgt Ion:152 Resp: 4614
Ion Ratio Lower Upper
152 100
150 156.9 122.4 183.6
115 61.7 47.3 70.9



#2
1,4-Dioxane
Concen: 0.164 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion: 88 Resp: 868
Ion Ratio Lower Upper
88 100
43 109.7 24.9 37.3#
58 90.6 61.4 92.0

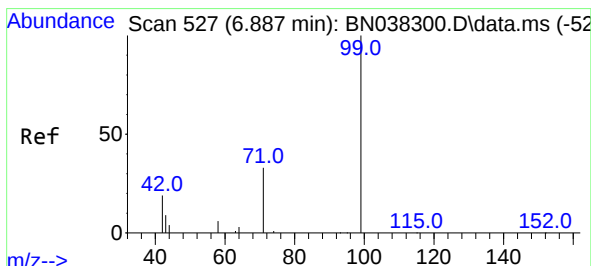
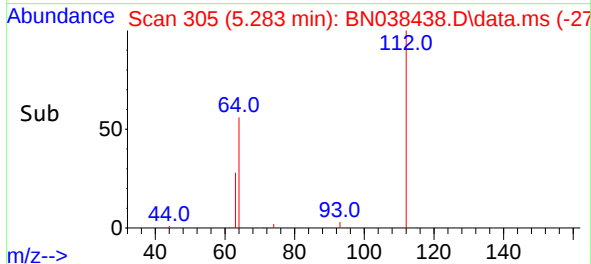
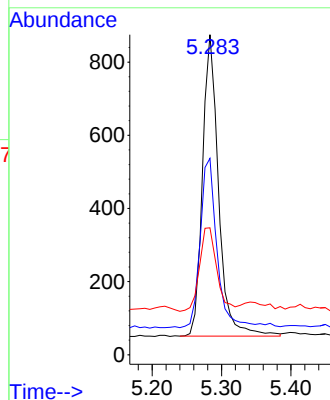
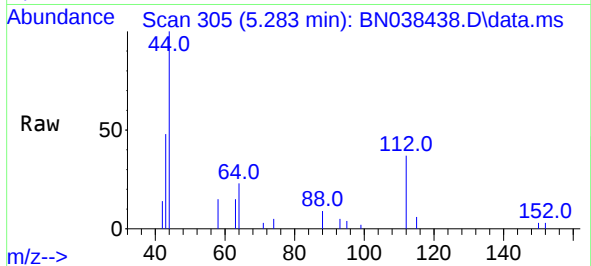




#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

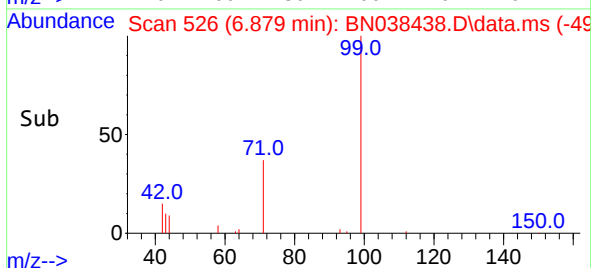
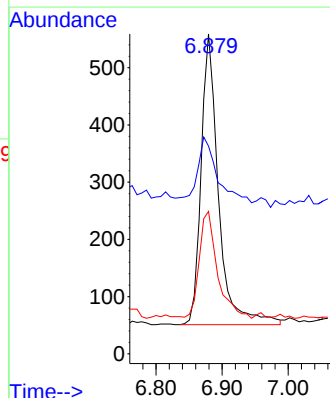
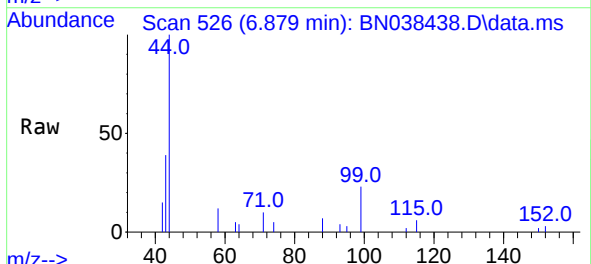
Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

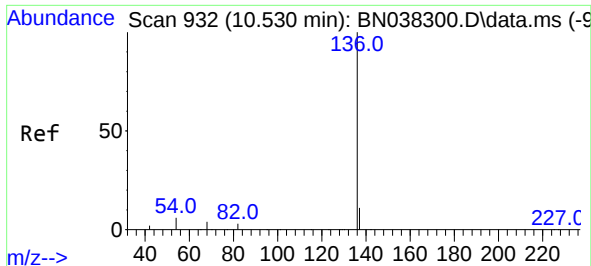
Tgt Ion:	112	Resp:	1323
Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.4	66.6
63	29.7	23.4	35.0



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion:	99	Resp:	929
Ion	Ratio	Lower	Upper
99	100		
42	25.4	16.5	24.7#
71	38.5	24.9	37.3#

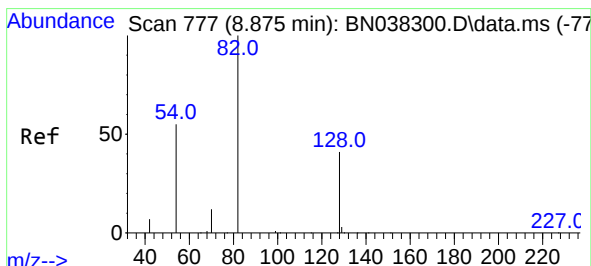
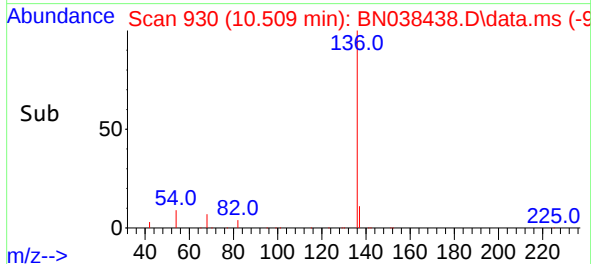
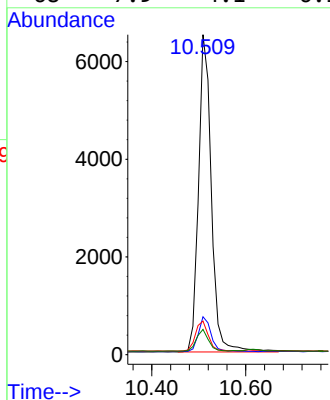
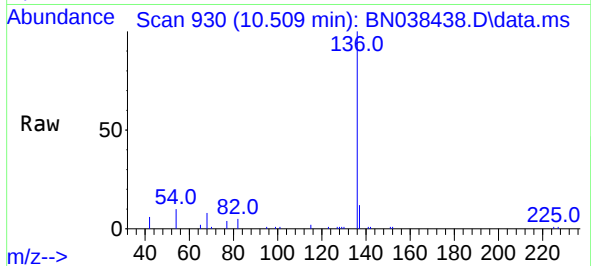




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

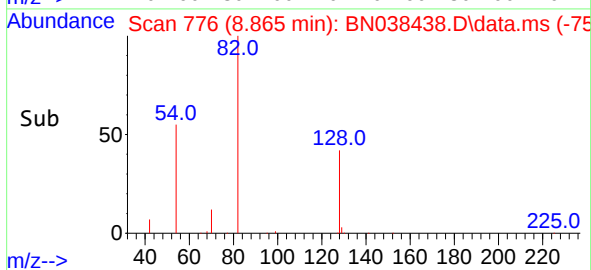
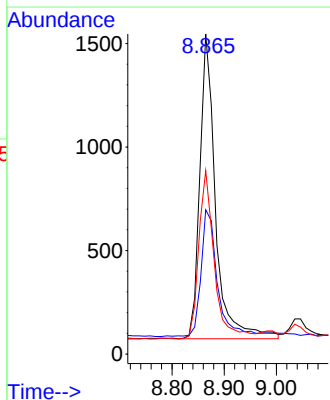
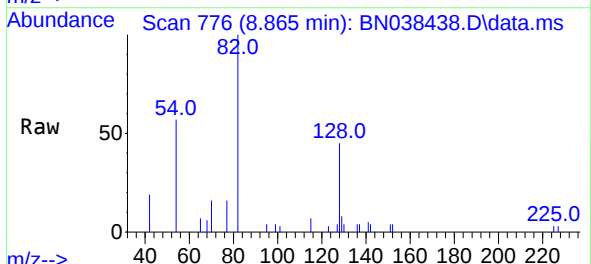
Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

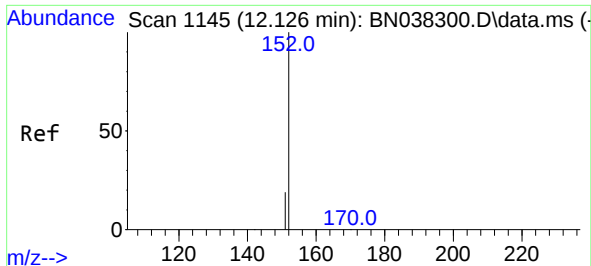
Tgt Ion:	136	Resp:	12349
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	10.5	5.2	7.8#
68	7.9	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion:	82	Resp:	3094
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	57.3	44.4	66.6

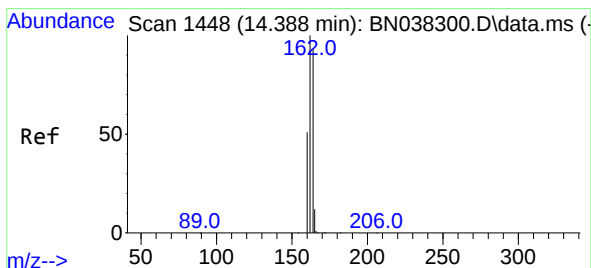
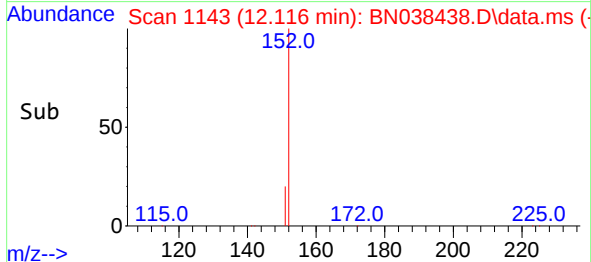
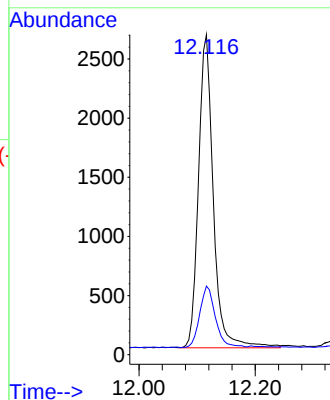
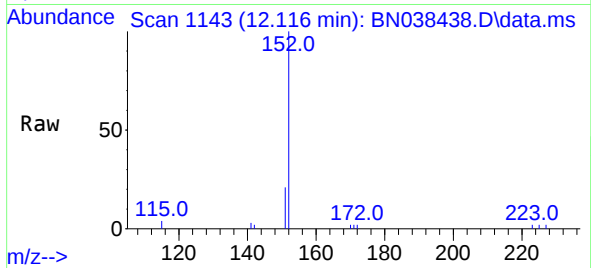




#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.116 min Scan# 1145
Delta R.T. -0.010 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

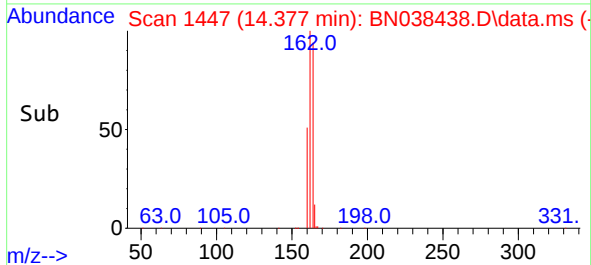
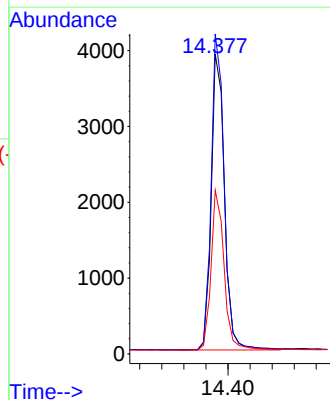
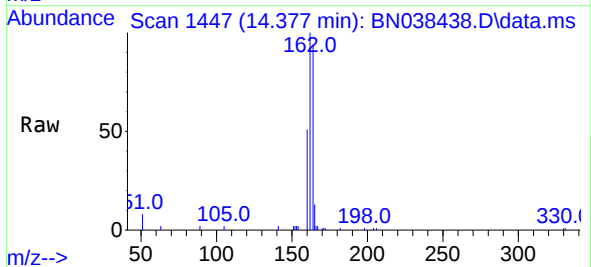
Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

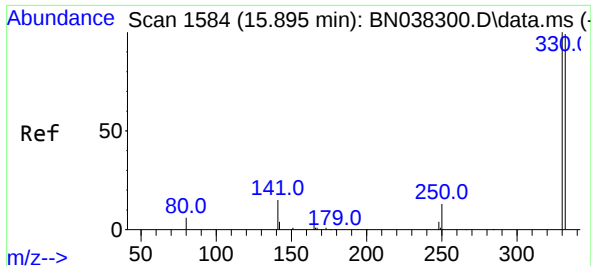
Tgt Ion:152 Resp: 4681
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.021 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion:164 Resp: 6517
Ion Ratio Lower Upper
164 100
162 106.7 86.2 129.4
160 54.6 44.6 67.0

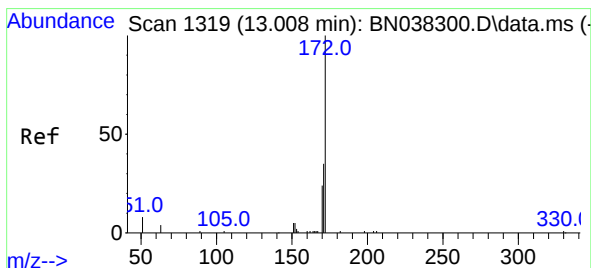
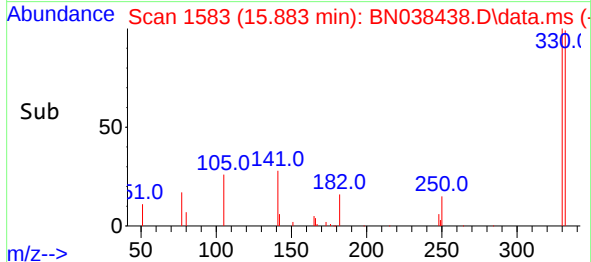
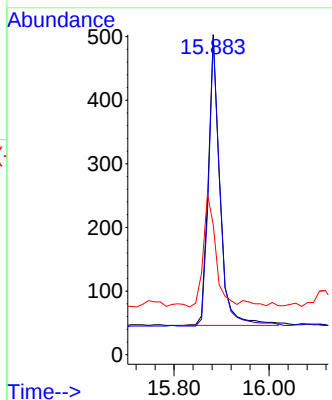
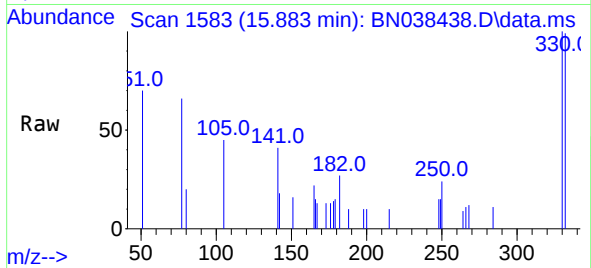




#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.883 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

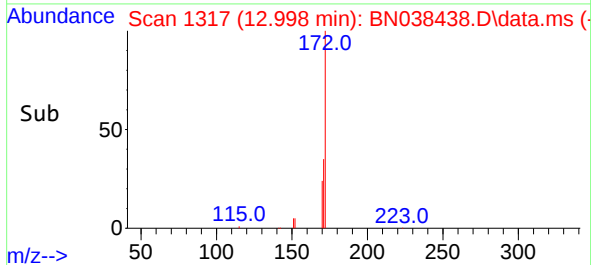
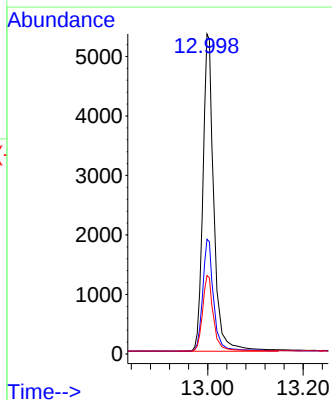
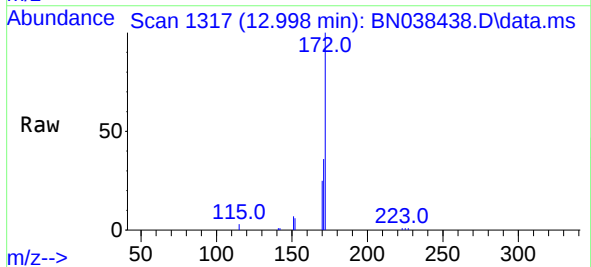
Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

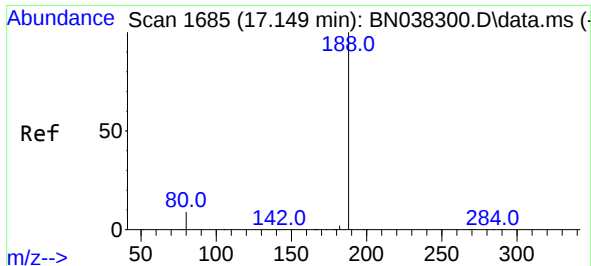
Tgt Ion:330 Resp: 781
Ion Ratio Lower Upper
330 100
332 98.0 75.8 113.6
141 41.2 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 12.998 min Scan# 1317
Delta R.T. -0.010 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion:172 Resp: 11047
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.5 19.3 28.9

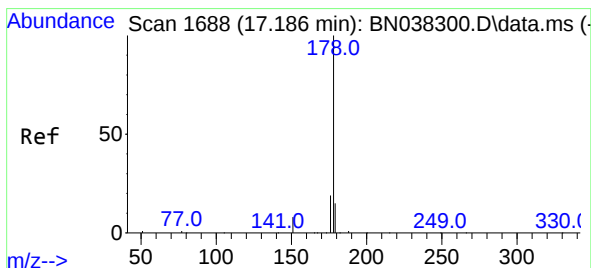
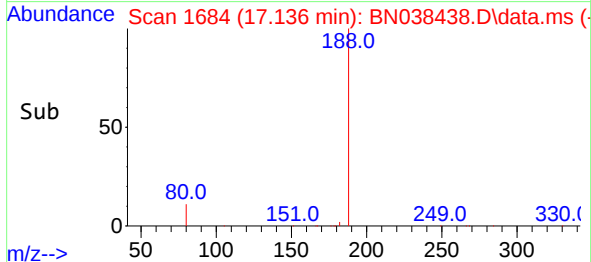
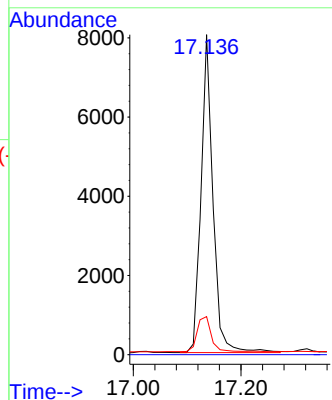
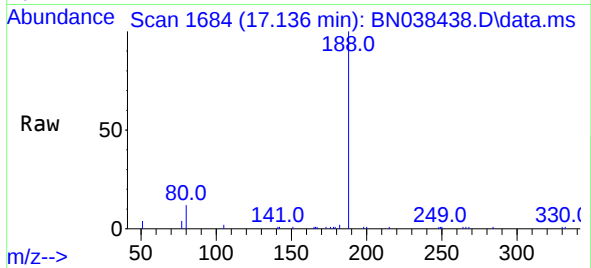




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

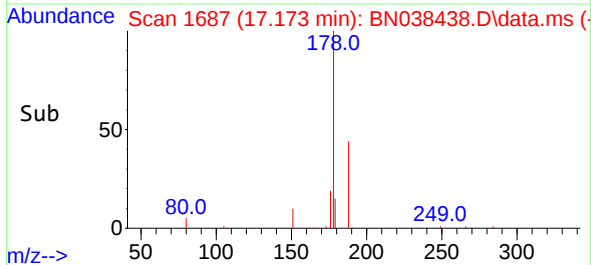
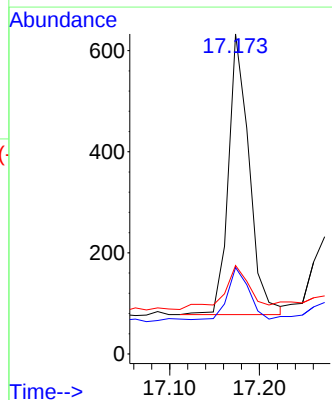
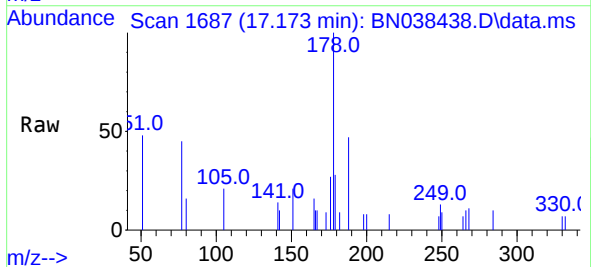
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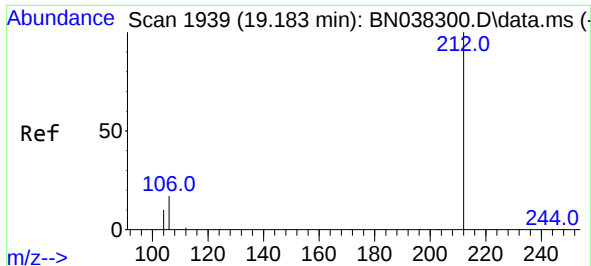
Tgt Ion:188 Resp: 12394
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 7.4 11.0#



#25
Phenanthrene
Concen: 0.021 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion:178 Resp: 889
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 20.4 12.2 18.2#

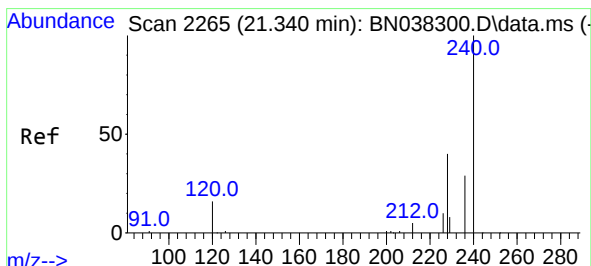
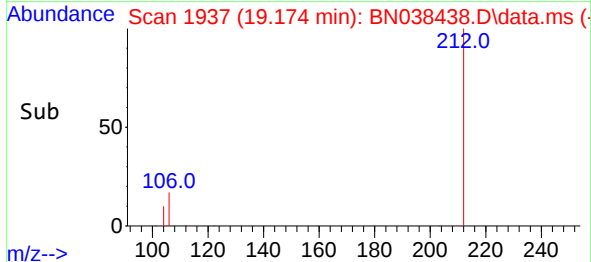
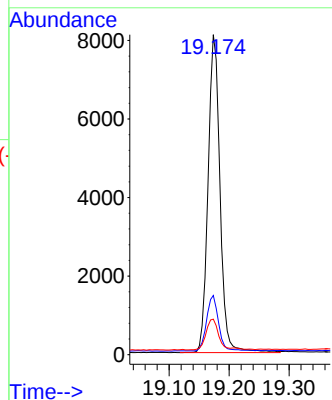
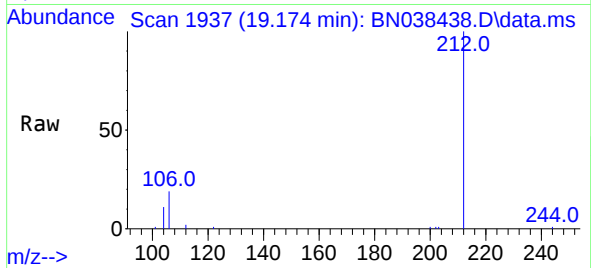




#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

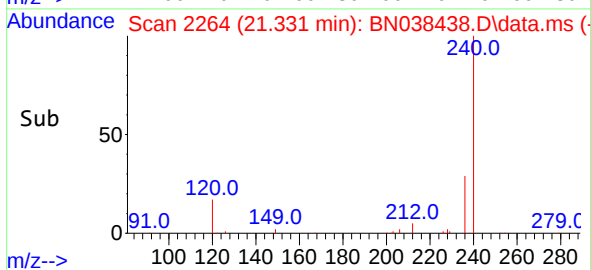
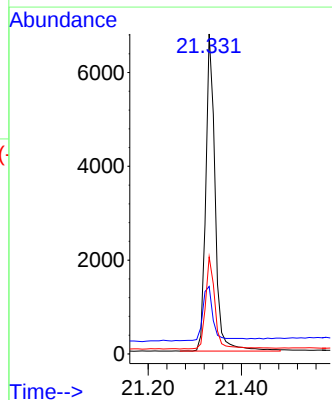
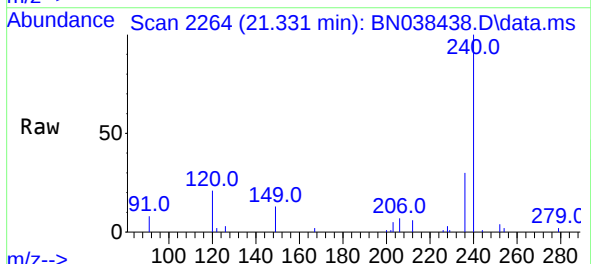
Instrument :
BNA_N
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BPHN-MW29D-20251210

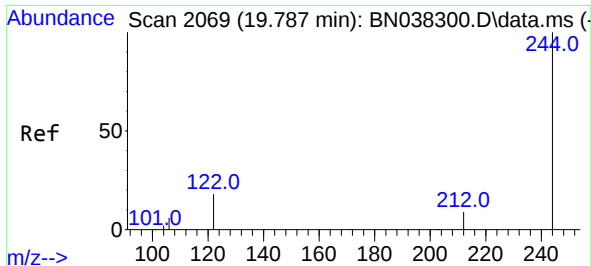
Tgt Ion:212 Resp: 11207
Ion Ratio Lower Upper
212 100
106 17.4 13.7 20.5
104 10.3 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion:240 Resp: 9507
Ion Ratio Lower Upper
240 100
120 21.1 15.4 23.2
236 30.3 23.9 35.9

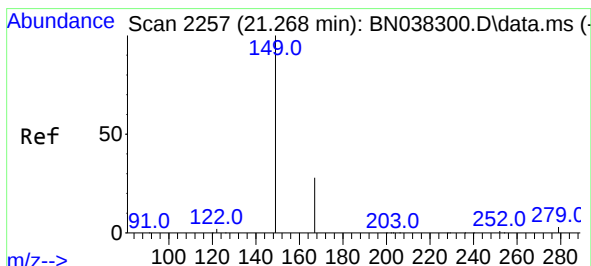
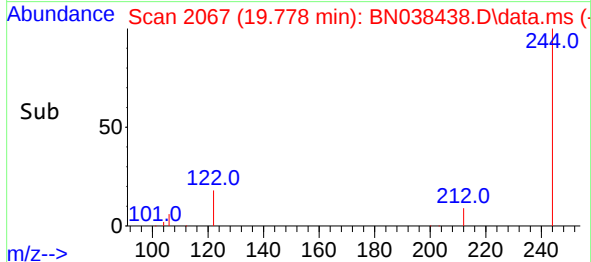
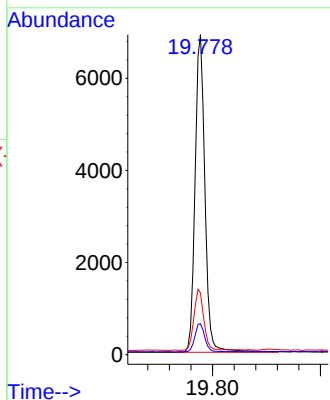
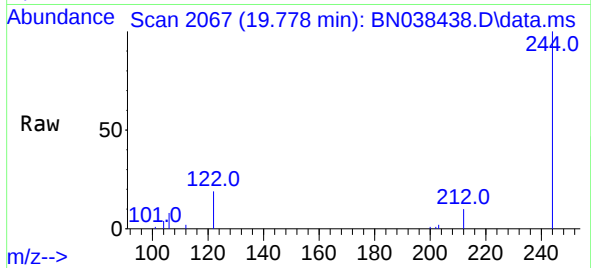




#31
 Terphenyl-d14
 Concen: 0.413 ng
 RT: 19.778 min Scan# 2069
 Delta R.T. -0.014 min
 Lab File: BN038438.D
 Acq: 16 Dec 2025 12:37

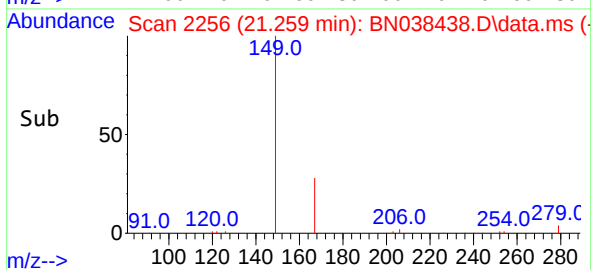
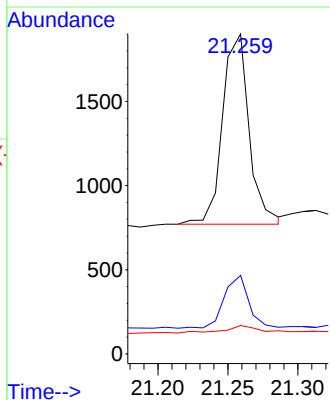
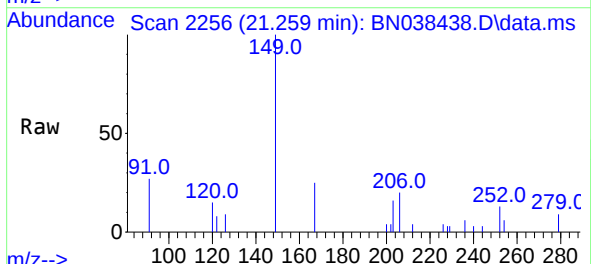
Instrument :
 BNA_N
 ClientSampleId :
 BPHN-MW29D-20251210

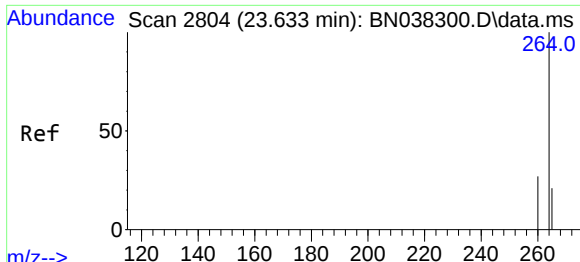
Tgt Ion:244 Resp: 8757
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.9 11.9
 122 19.3 15.0 22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.259 min Scan# 2256
 Delta R.T. -0.009 min
 Lab File: BN038438.D
 Acq: 16 Dec 2025 12:37

Tgt Ion:149 Resp: 1493
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.4 32.0
 279 5.4 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.619 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BN038438.D
 Acq: 16 Dec 2025 12:37

Instrument :
 BNA_N
 ClientSampleId :
 BPHN-MW29D-20251210

Tgt Ion:264 Resp: 9562

Ion	Ratio	Lower	Upper
264	100		
260	27.7	22.2	33.2
265	99.6	80.2	120.2

