

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038436.D
 Acq On : 16 Dec 2025 11:24
 Operator : RC/JU
 Sample : Q3840-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPS1-FW-MW02-20251209

Quant Time: Dec 16 11:49:18 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)

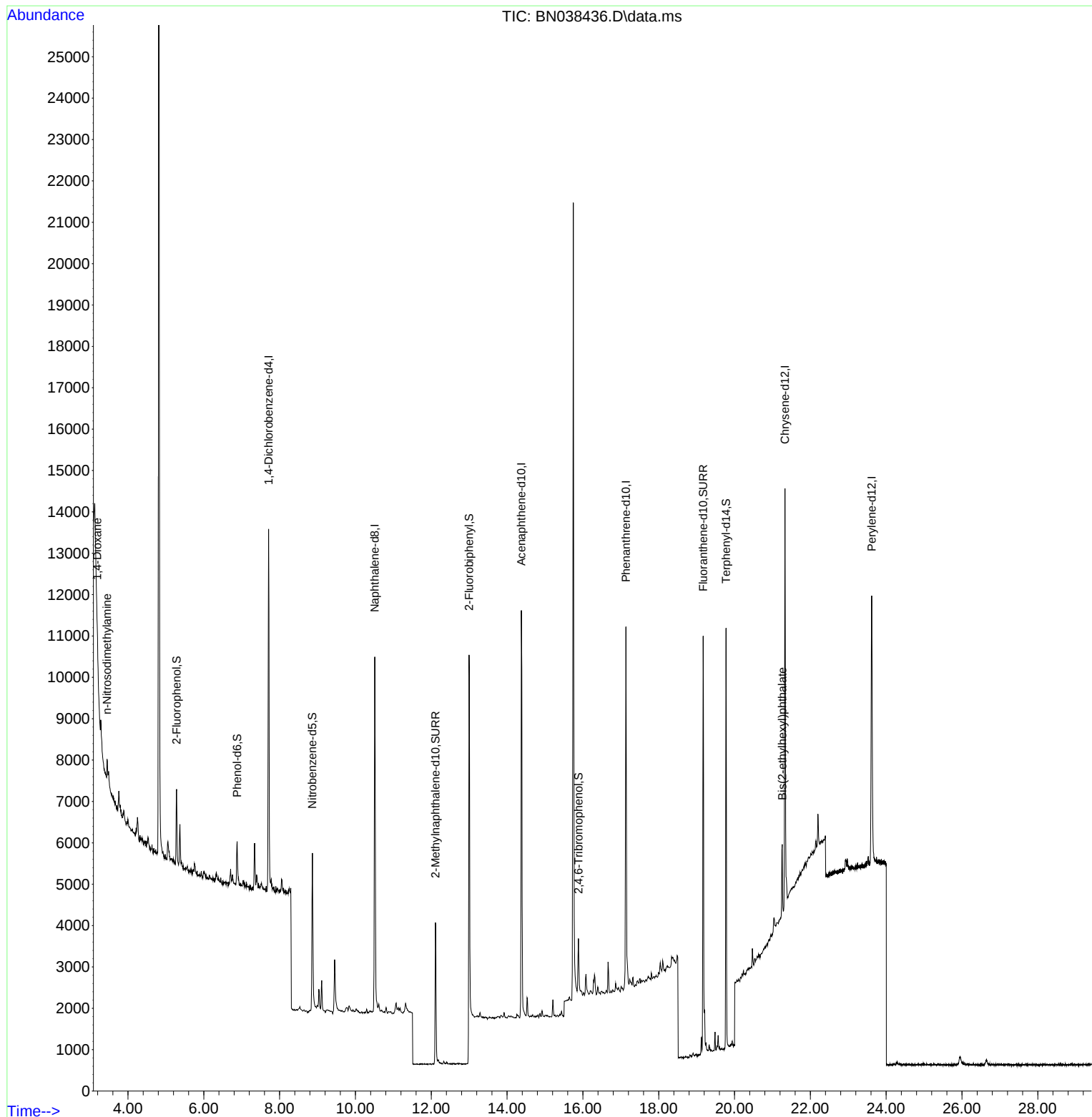
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	4459	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	11885	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6151	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	11815	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	9412	0.400	ng	0.00
35) Perylene-d12	23.619	264	9348	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1592	0.143	ng	0.00
5) Phenol-d6	6.879	99	1111	0.084	ng	0.00
8) Nitrobenzene-d5	8.865	82	3482	0.347	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	5149	0.307	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	798	0.292	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	12373	0.418	ng	-0.01
27) Fluoranthene-d10	19.174	212	11071	0.379	ng	-0.01
31) Terphenyl-d14	19.777	244	9361	0.446	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	231	0.045	ng	# 64
3) n-Nitrosodimethylamine	3.449	42	263	0.041	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.259	149	1945	0.098	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
Data File : BN038436.D
Acq On : 16 Dec 2025 11:24
Operator : RC/JU
Sample : Q3840-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BPS1-FW-MW02-20251209

Quant Time: Dec 16 11:49:18 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

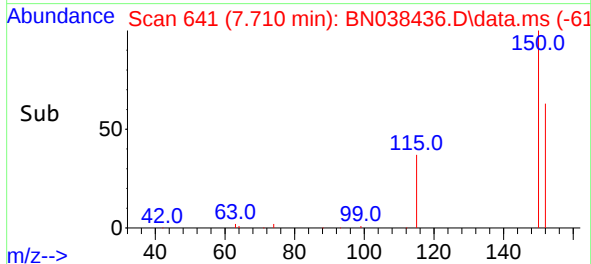
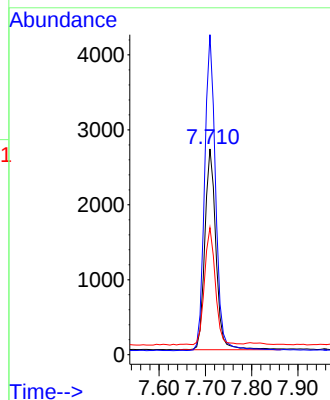
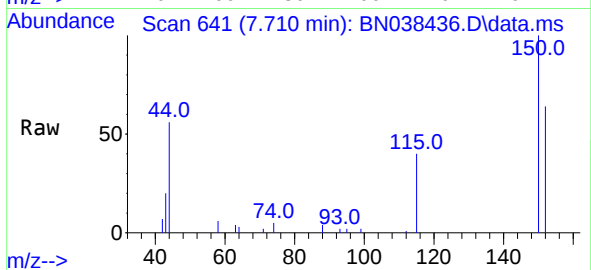




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038436.D
Acq: 16 Dec 2025 11:24

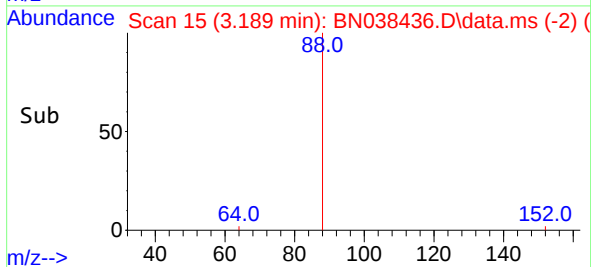
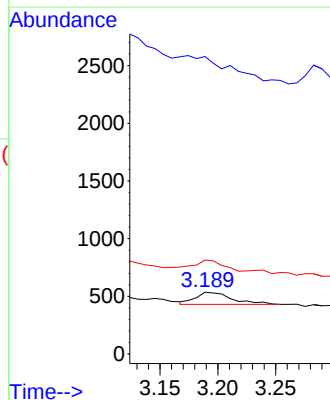
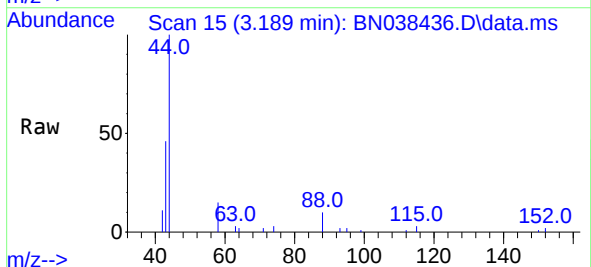
Instrument :
BNA_N
ClientSampleId :
BPS1-FW-MW02-20251209

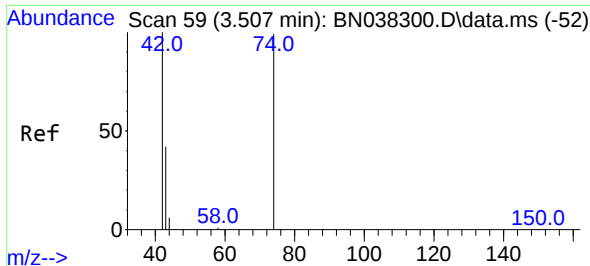
Tgt Ion:152 Resp: 4459
Ion Ratio Lower Upper
152 100
150 155.6 122.4 183.6
115 61.7 47.3 70.9



#2
1,4-Dioxane
Concen: 0.045 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038436.D
Acq: 16 Dec 2025 11:24

Tgt Ion: 88 Resp: 231
Ion Ratio Lower Upper
88 100
43 0.0 24.9 37.3#
58 100.0 61.4 92.0#

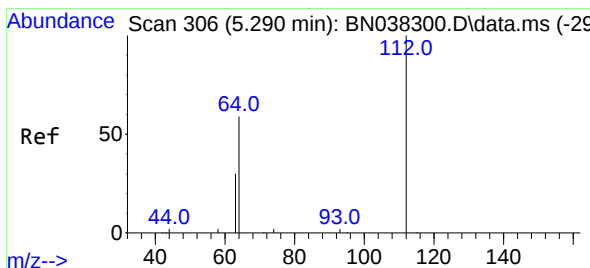
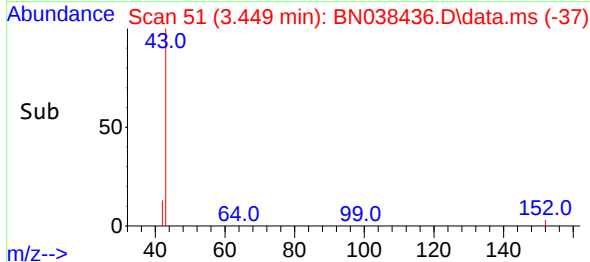
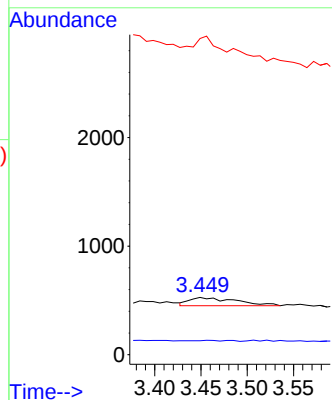
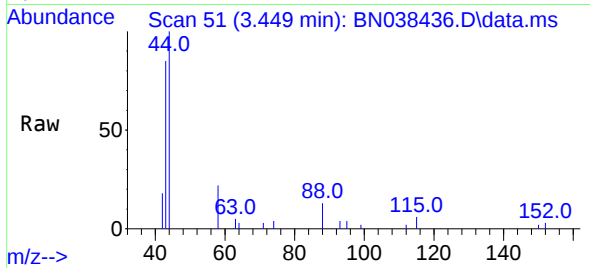




#3
n-Nitrosodimethylamine
Concen: 0.041 ng
RT: 3.449 min Scan# 51
Delta R.T. -0.050 min
Lab File: BN038436.D
Acq: 16 Dec 2025 11:24

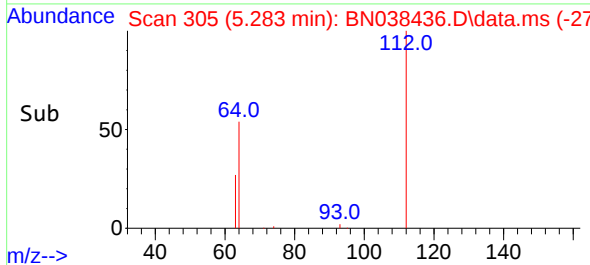
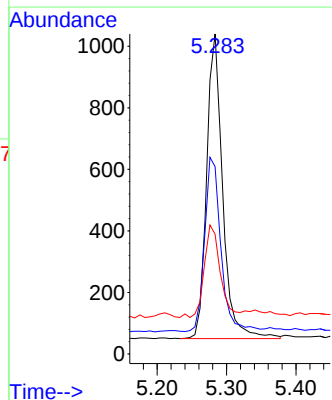
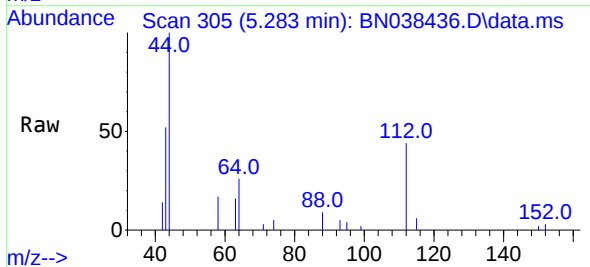
Instrument :
BNA_N
ClientSampleId :
BPS1-FW-MW02-20251209

Tgt Ion: 42 Resp: 263
Ion Ratio Lower Upper
42 100
74 2.3 95.3 142.9#
44 343.3 7.9 11.9#



#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038436.D
Acq: 16 Dec 2025 11:24

Tgt Ion: 112 Resp: 1592
Ion Ratio Lower Upper
112 100
64 57.8 44.4 66.6
63 30.2 23.4 35.0

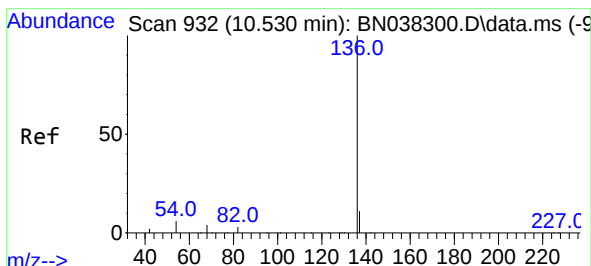
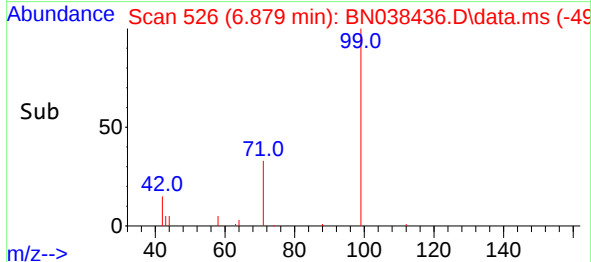
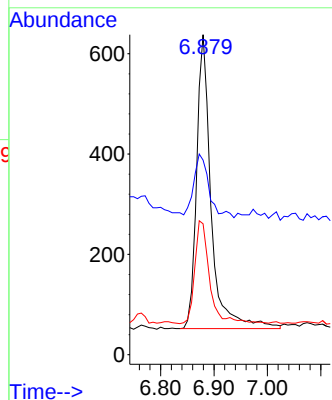
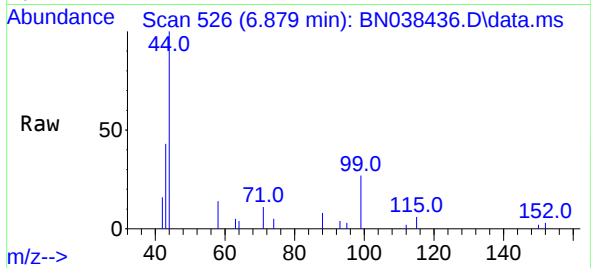




#5
Phenol-d6
Concen: 0.084 ng
RT: 6.879 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN038436.D
Acq: 16 Dec 2025 11:24

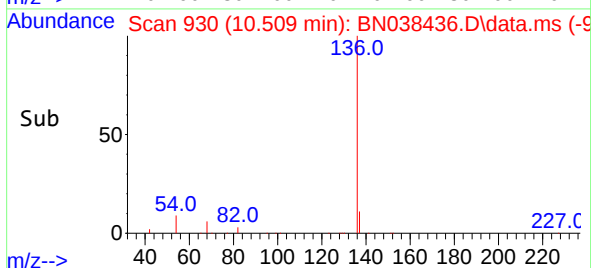
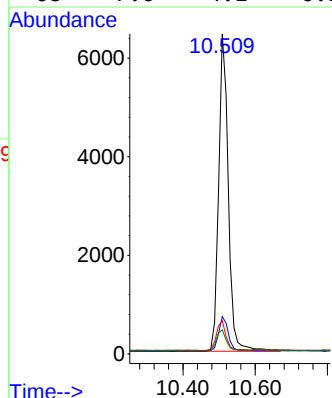
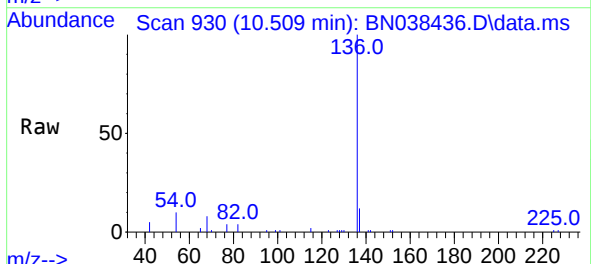
Instrument :
BNA_N
ClientSampleId :
BPS1-FW-MW02-20251209

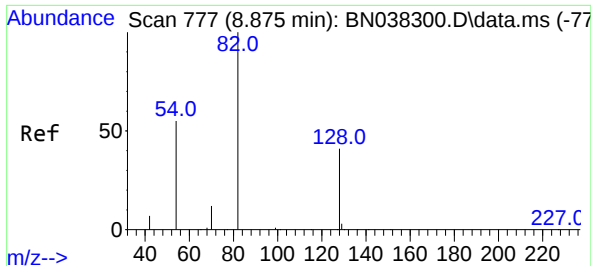
Tgt Ion: 99 Resp: 1111
Ion Ratio Lower Upper
99 100
42 22.7 16.5 24.7
71 35.7 24.9 37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.021 min
Lab File: BN038436.D
Acq: 16 Dec 2025 11:24

Tgt Ion: 136 Resp: 11885
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 10.4 5.2 7.8#
68 7.6 4.1 6.1#

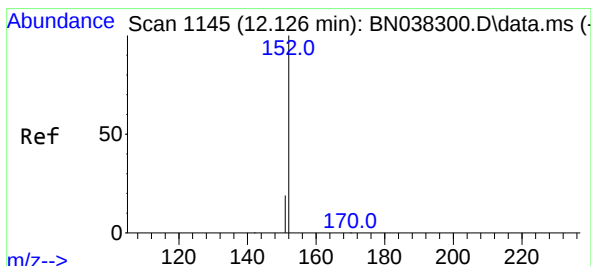
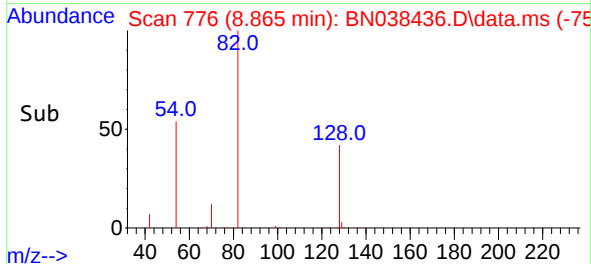
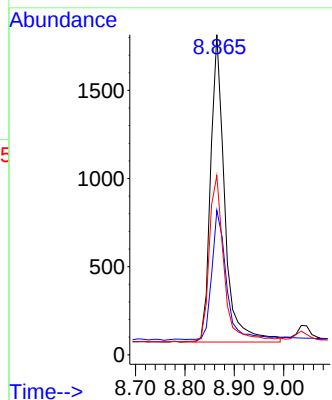
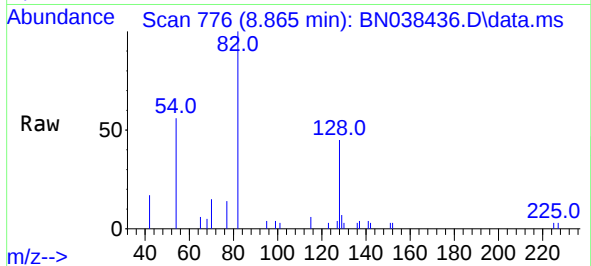




#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN038436.D
Acq: 16 Dec 2025 11:24

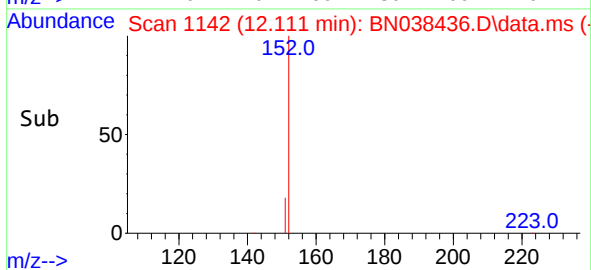
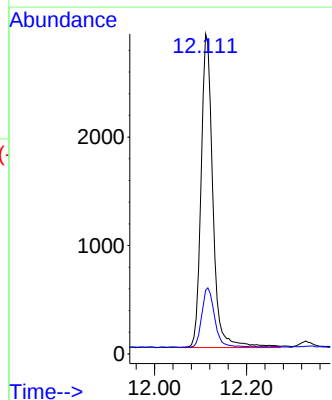
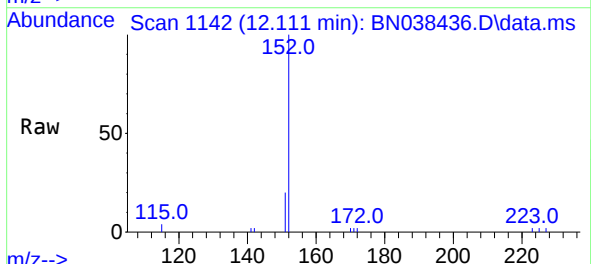
Instrument :
BNA_N
ClientSampleId :
BPS1-FW-MW02-20251209

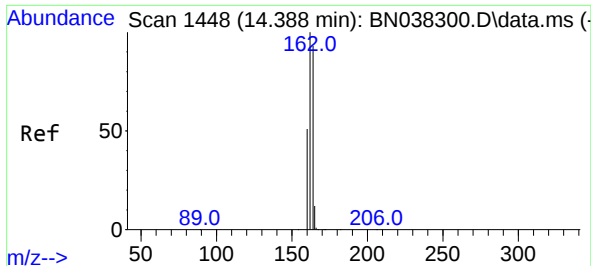
Tgt Ion: 82 Resp: 3482
Ion Ratio Lower Upper
82 100
128 45.1 34.0 51.0
54 56.0 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.111 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN038436.D
Acq: 16 Dec 2025 11:24

Tgt Ion: 152 Resp: 5149
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.6

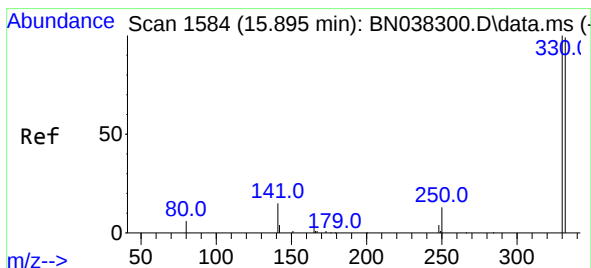
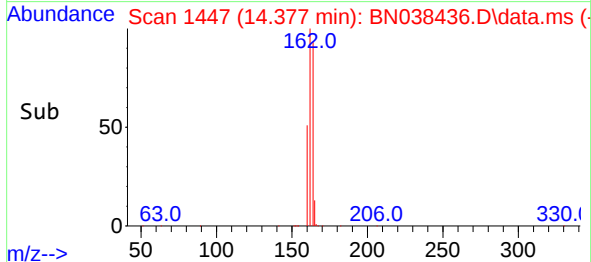
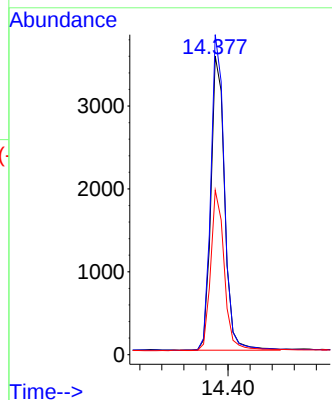
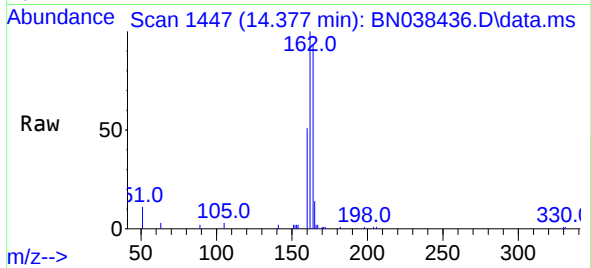




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.021 min
Lab File: BN038436.D
Acq: 16 Dec 2025 11:24

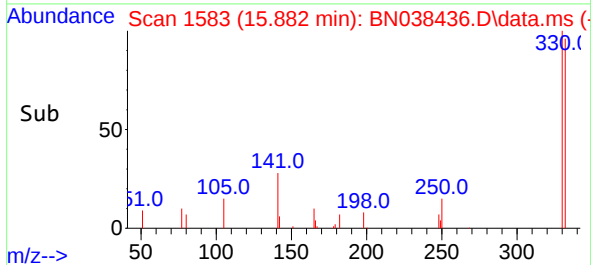
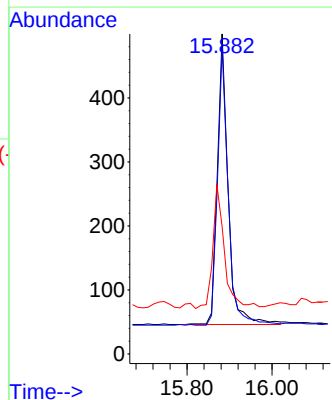
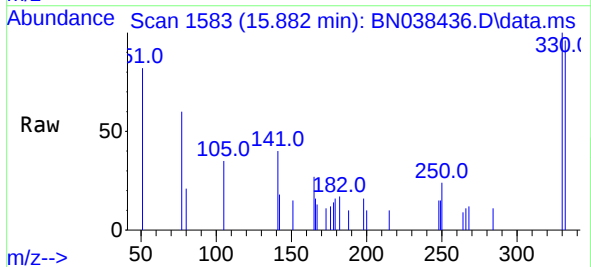
Instrument :
BNA_N
ClientSampleId :
BPS1-FW-MW02-20251209

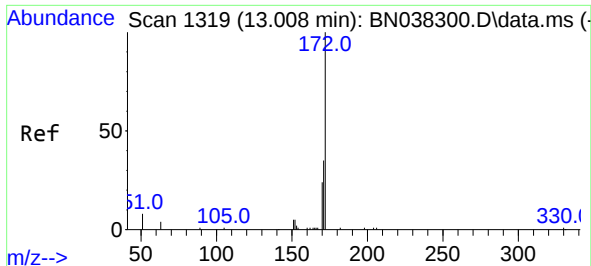
Tgt Ion:164 Resp: 6151
Ion Ratio Lower Upper
164 100
162 107.2 86.2 129.4
160 55.1 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038436.D
Acq: 16 Dec 2025 11:24

Tgt Ion:330 Resp: 798
Ion Ratio Lower Upper
330 100
332 95.1 75.8 113.6
141 46.2 31.8 47.8



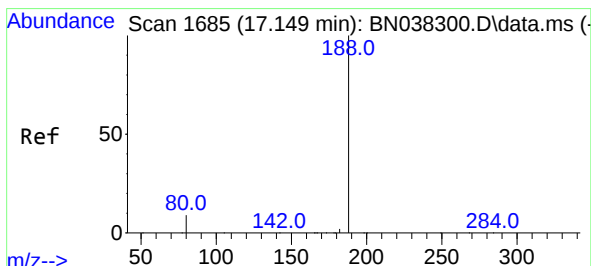
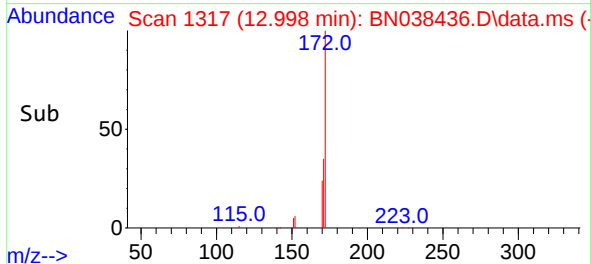
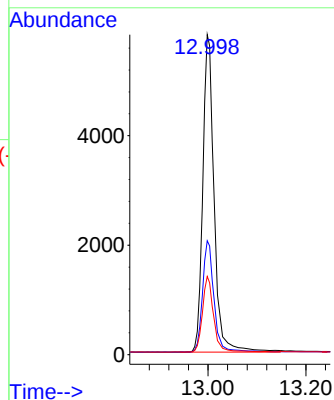
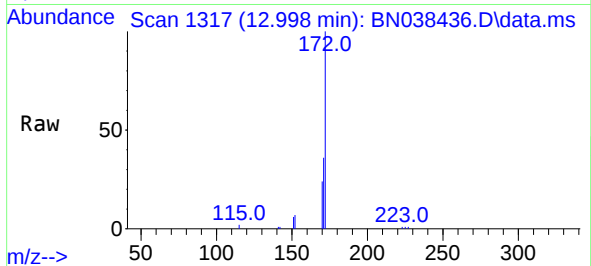


#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN038436.D
Acq: 16 Dec 2025 11:24

Instrument :
BNA_N
ClientSampleId :
BPS1-FW-MW02-20251209

Tgt Ion:172 Resp: 12373

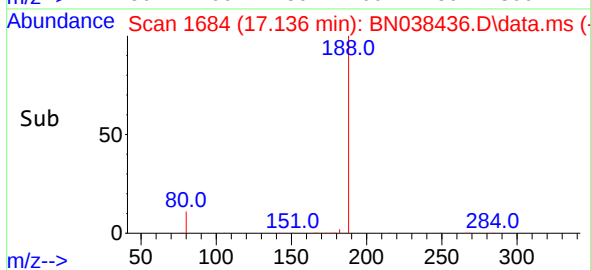
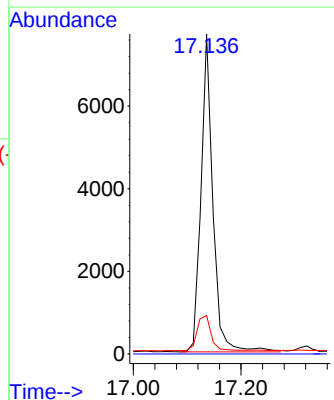
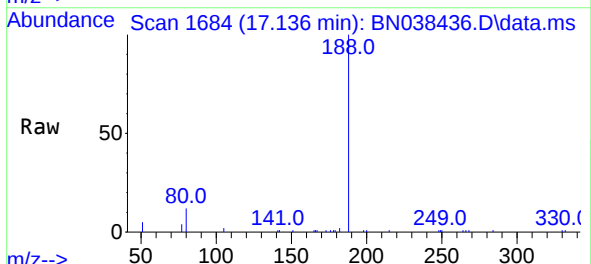
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	24.5	19.3	28.9

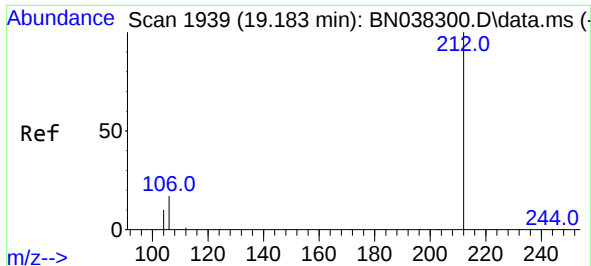


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038436.D
Acq: 16 Dec 2025 11:24

Tgt Ion:188 Resp: 11815

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	7.4	11.0

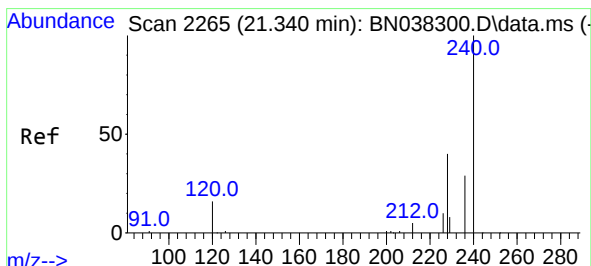
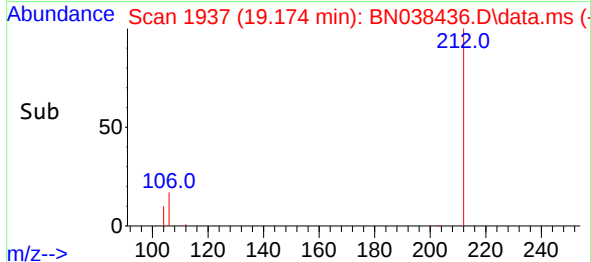
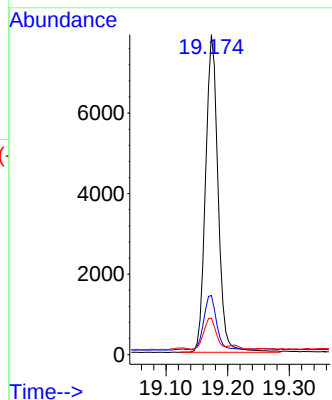
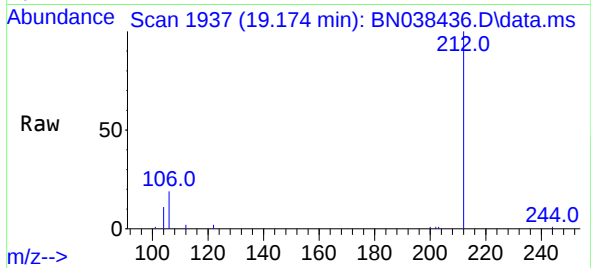




#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038436.D
Acq: 16 Dec 2025 11:24

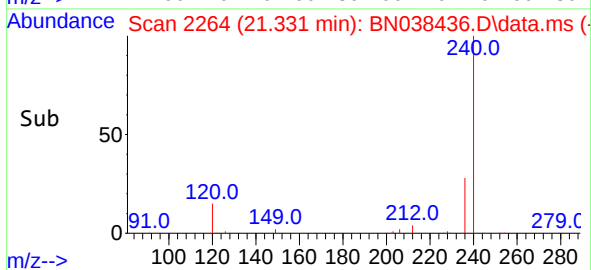
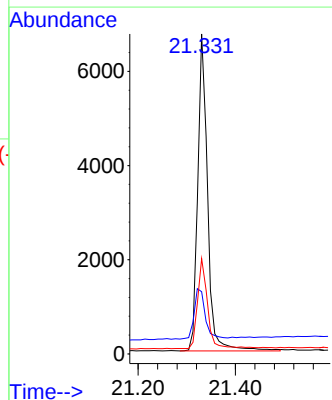
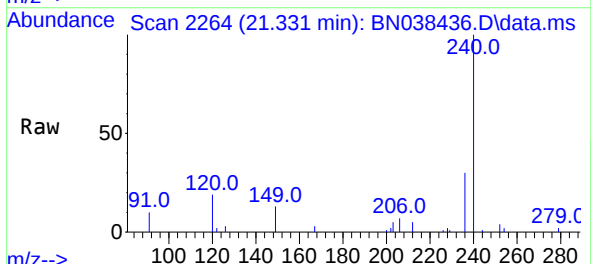
Instrument :
BNA_N
ClientSampleId :
BPS1-FW-MW02-20251209

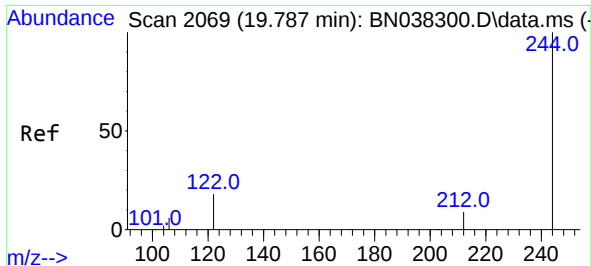
Tgt Ion:212 Resp: 11071
Ion Ratio Lower Upper
212 100
106 17.5 13.7 20.5
104 9.8 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038436.D
Acq: 16 Dec 2025 11:24

Tgt Ion:240 Resp: 9412
Ion Ratio Lower Upper
240 100
120 19.5 15.4 23.2
236 29.8 23.9 35.9

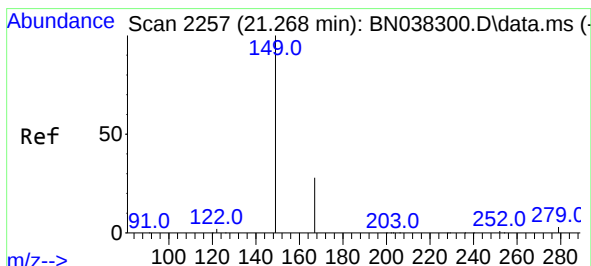
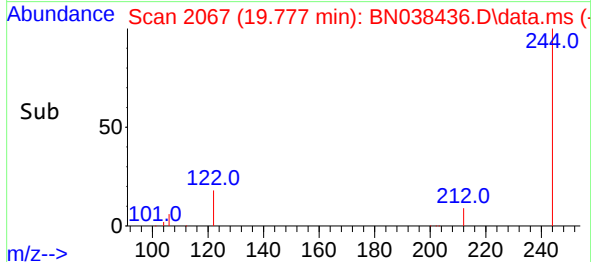
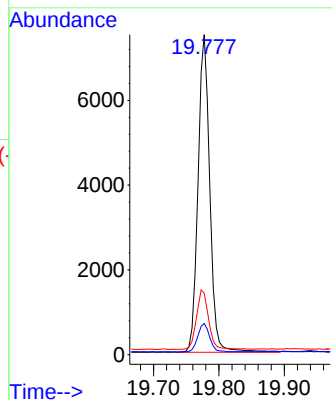
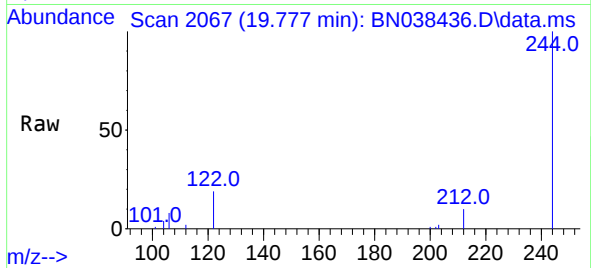




#31
 Terphenyl-d14
 Concen: 0.446 ng
 RT: 19.777 min Scan# 2067
 Delta R.T. -0.014 min
 Lab File: BN038436.D
 Acq: 16 Dec 2025 11:24

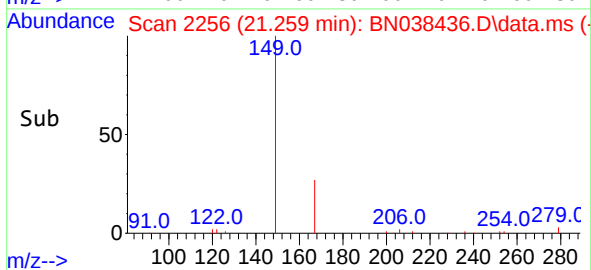
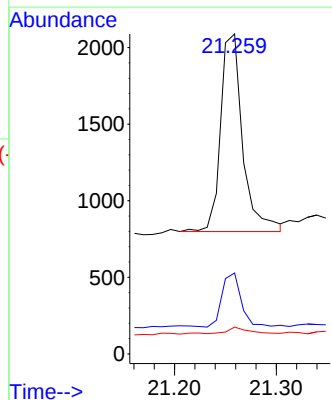
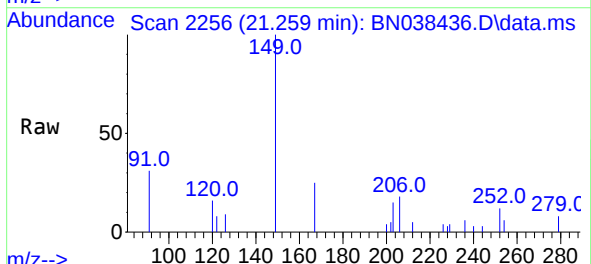
Instrument :
 BNA_N
 ClientSampleId :
 BPS1-FW-MW02-20251209

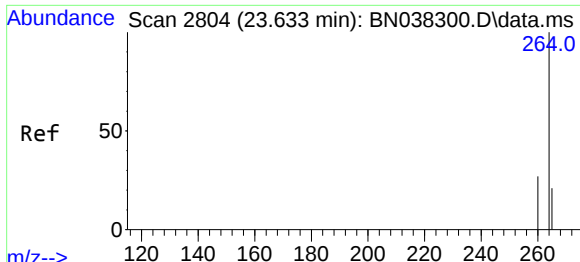
Tgt Ion:	244	Resp:	9361
Ion Ratio	Lower	Upper	
244	100		
212	9.7	7.9	11.9
122	19.2	15.0	22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.098 ng
 RT: 21.259 min Scan# 2256
 Delta R.T. -0.009 min
 Lab File: BN038436.D
 Acq: 16 Dec 2025 11:24

Tgt Ion:	149	Resp:	1945
Ion Ratio	Lower	Upper	
149	100		
167	23.1	21.4	32.0
279	4.2	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: BN038436.D
 Acq: 16 Dec 2025 11:24

Instrument :
 BNA_N
 ClientSampleId :
 BPS1-FW-MW02-20251209

Tgt Ion:	264	Resp:	9348
Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.2	33.2
265	98.6	80.2	120.2

