

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038382.D
 Acq On : 13 Dec 2025 12:16
 Operator : RC/JU
 Sample : Q3828-05DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90-120925DL

Quant Time: Dec 14 22:22:49 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)

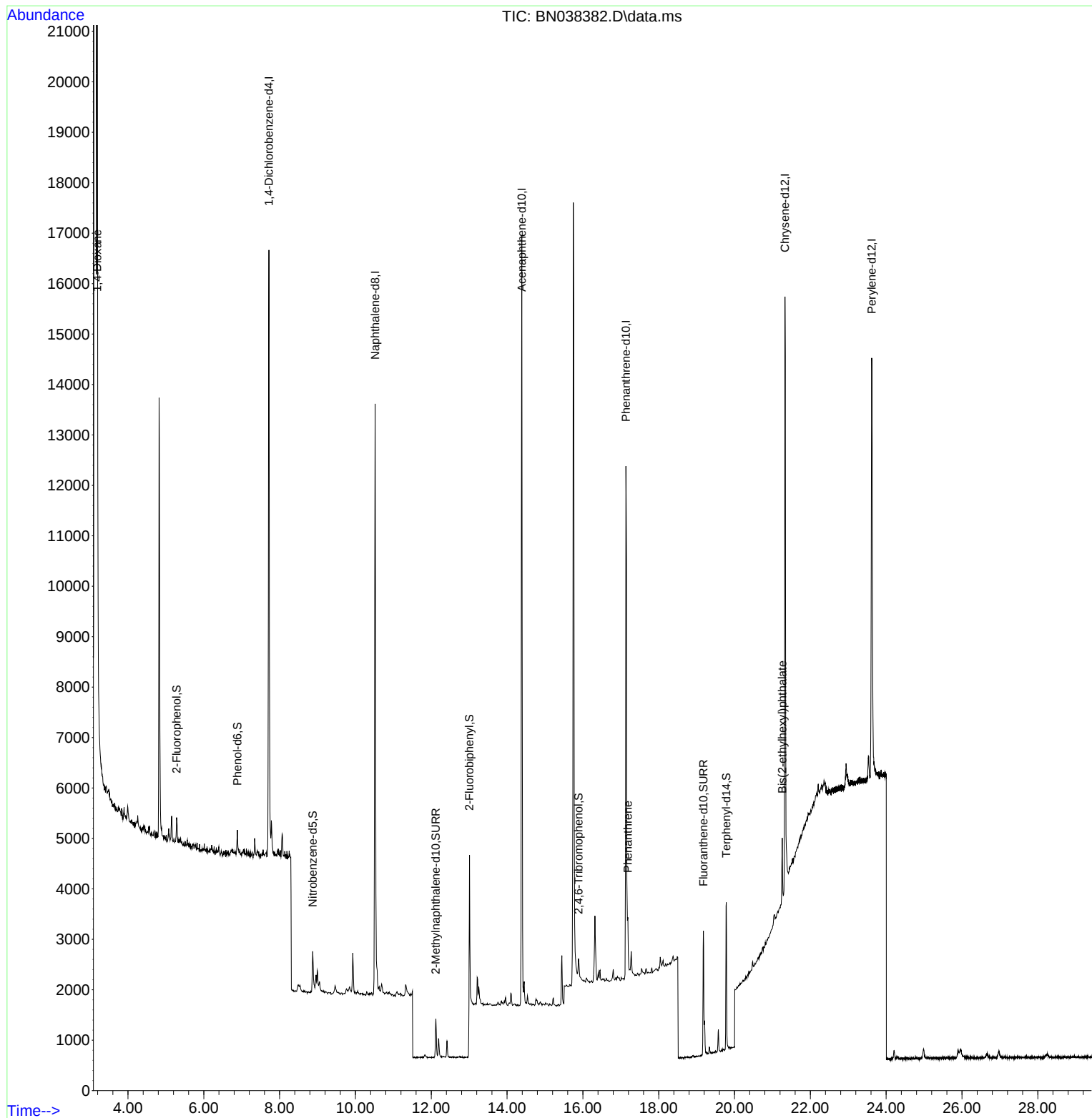
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	6069	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	16077	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8437	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	15660	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	11931	0.400	ng	# 0.00
35) Perylene-d12	23.619	264	12174	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	458	0.030	ng	0.00
5) Phenol-d6	6.887	99	419	0.023	ng	0.00
8) Nitrobenzene-d5	8.875	82	762	0.056	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	1202	0.053	ng	0.00
14) 2,4,6-Tribromophenol	15.883	330	255	0.068	ng	-0.01
15) 2-Fluorobiphenyl	13.009	172	3415	0.084	ng	0.00
27) Fluoranthene-d10	19.178	212	2796	0.072	ng	0.00
31) Terphenyl-d14	19.782	244	2904	0.109	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	8909	1.280	ng	96
25) Phenanthrene	17.186	178	1098	0.020	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.259	149	1179	0.047	ng	# 98

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

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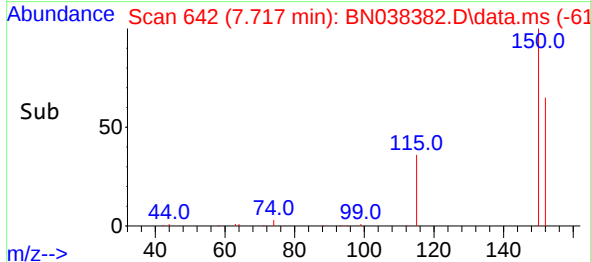
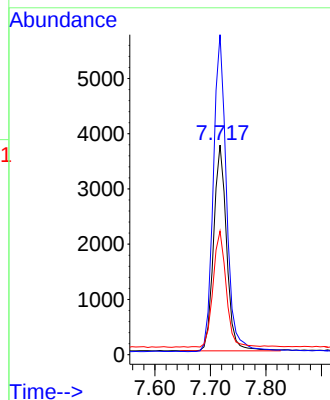
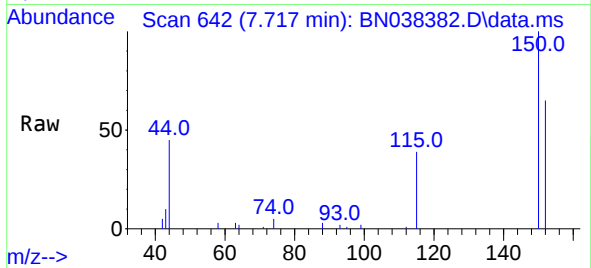




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038382.D
Acq: 13 Dec 2025 12:16

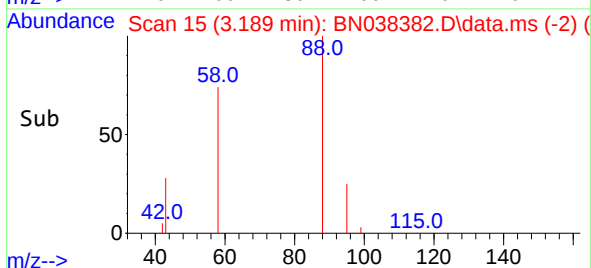
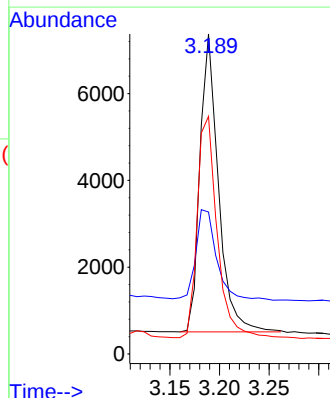
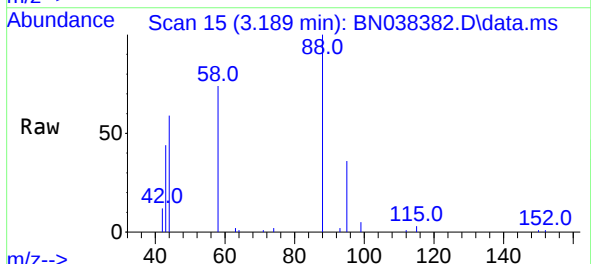
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-120925DL

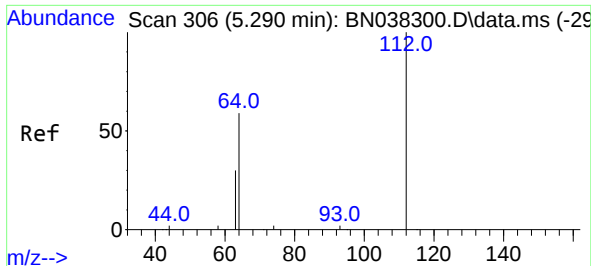
Tgt Ion:152 Resp: 6069
Ion Ratio Lower Upper
152 100
150 152.7 122.4 183.6
115 59.0 47.3 70.9



#2
1,4-Dioxane
Concen: 1.280 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038382.D
Acq: 13 Dec 2025 12:16

Tgt Ion: 88 Resp: 8909
Ion Ratio Lower Upper
88 100
43 34.3 24.9 37.3
58 79.7 61.4 92.0

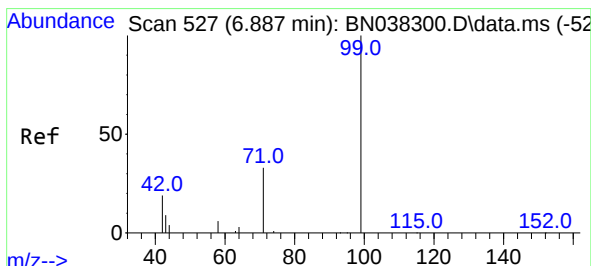
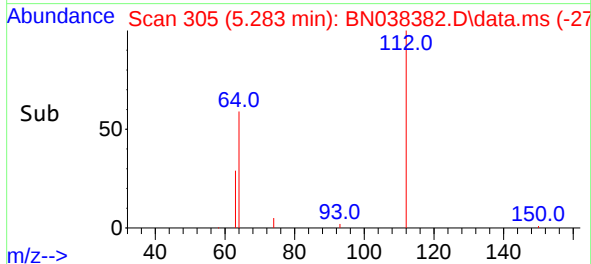
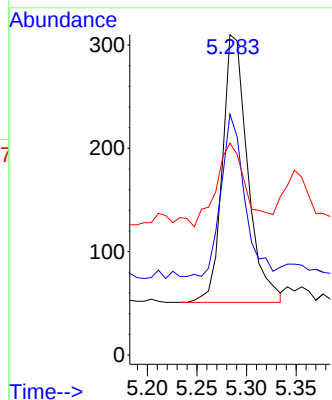
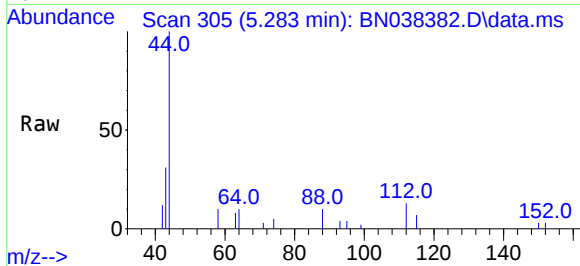




#4
2-Fluorophenol
Concen: 0.030 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038382.D
Acq: 13 Dec 2025 12:16

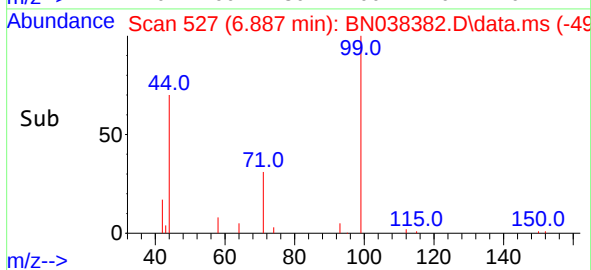
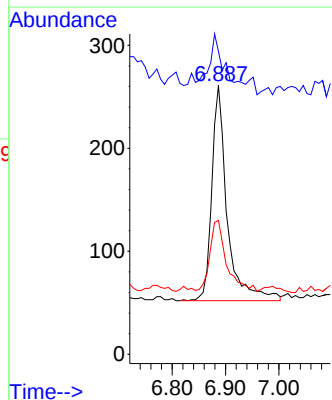
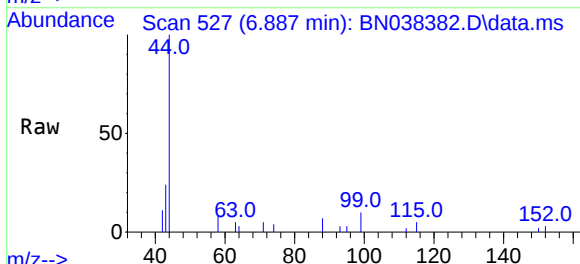
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-120925DL

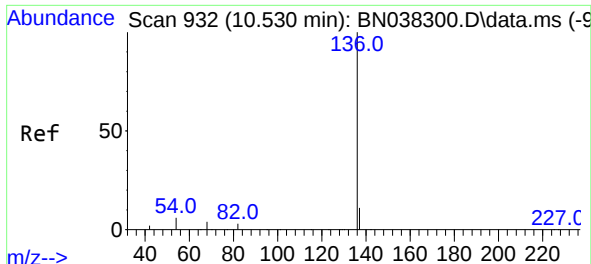
Tgt Ion:112 Resp: 458
Ion Ratio Lower Upper
112 100
64 56.8 44.4 66.6
63 36.0 23.4 35.0#



#5
Phenol-d6
Concen: 0.023 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038382.D
Acq: 13 Dec 2025 12:16

Tgt Ion: 99 Resp: 419
Ion Ratio Lower Upper
99 100
42 21.7 16.5 24.7
71 35.6 24.9 37.3

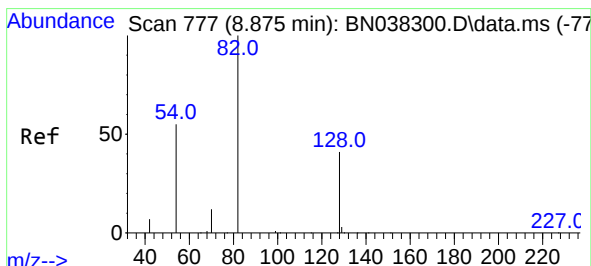
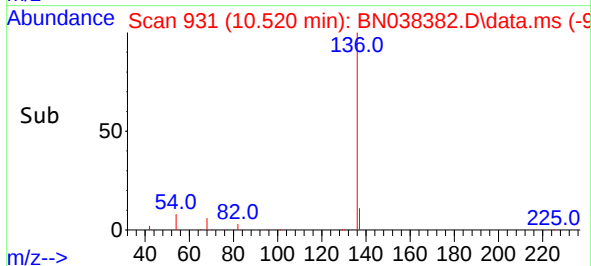
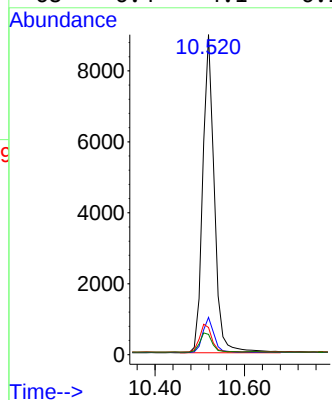
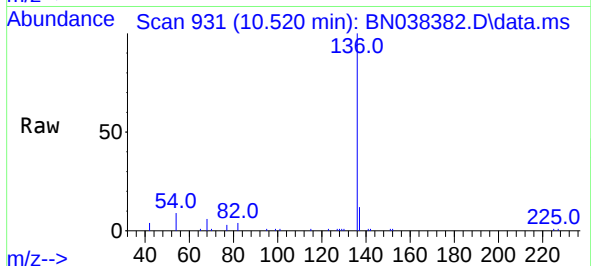




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN038382.D
Acq: 13 Dec 2025 12:16

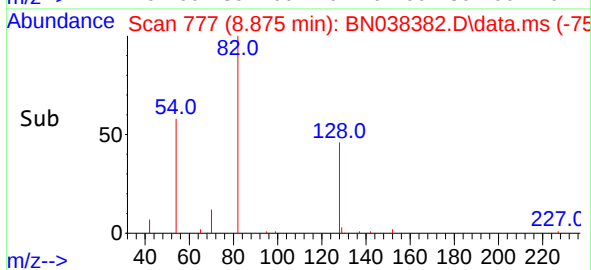
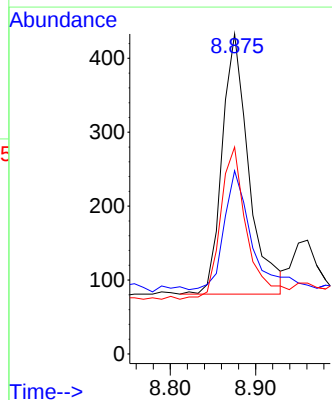
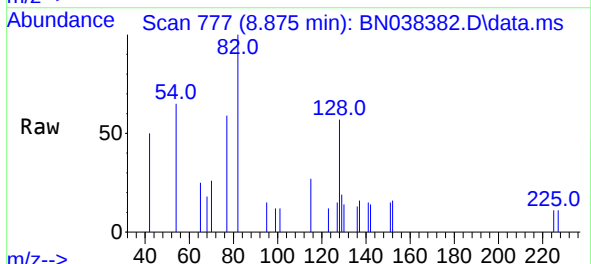
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-120925DL

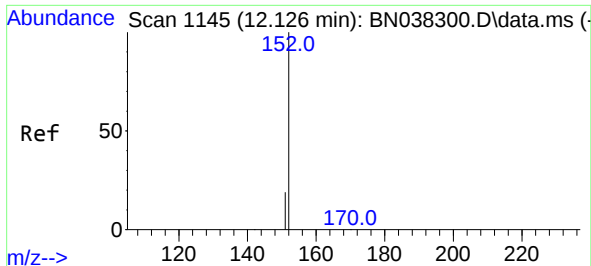
Tgt Ion:	136	Resp:	16077
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	8.5	5.2	7.8#
68	6.4	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.056 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038382.D
Acq: 13 Dec 2025 12:16

Tgt Ion:	82	Resp:	762
Ion	Ratio	Lower	Upper
82	100		
128	57.3	34.0	51.0#
54	64.7	44.4	66.6

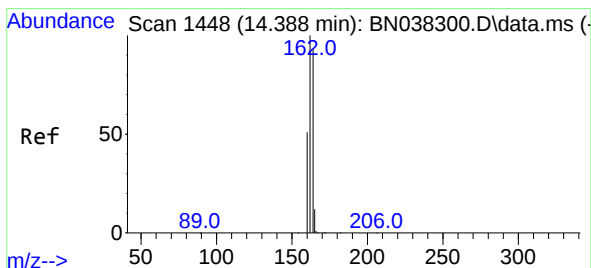
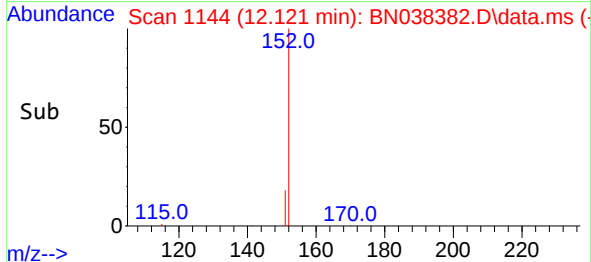
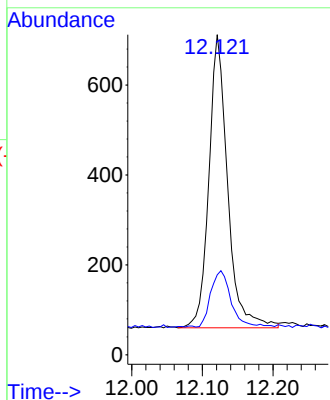
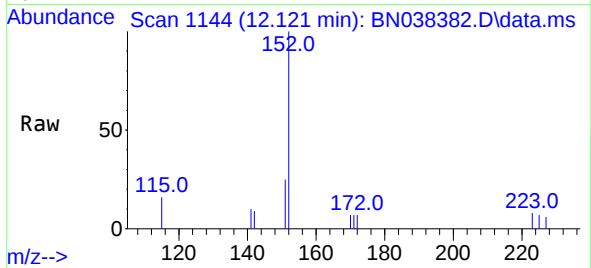




#11
2-Methylnaphthalene-d10
Concen: 0.053 ng
RT: 12.121 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BN038382.D
Acq: 13 Dec 2025 12:16

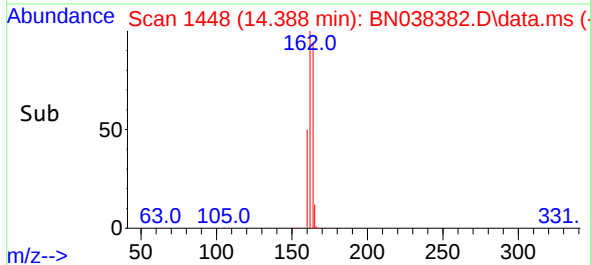
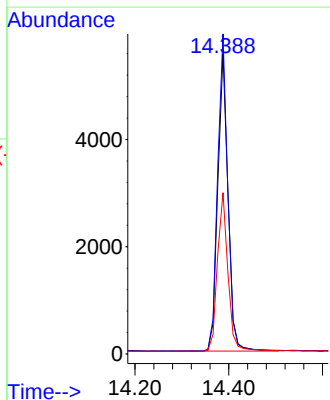
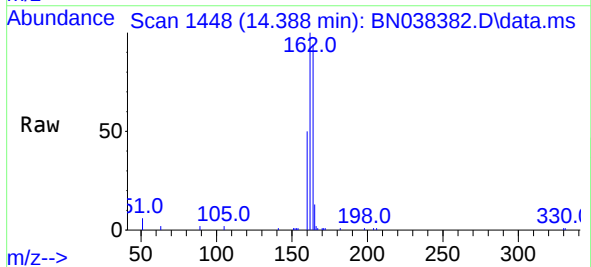
Instrument :
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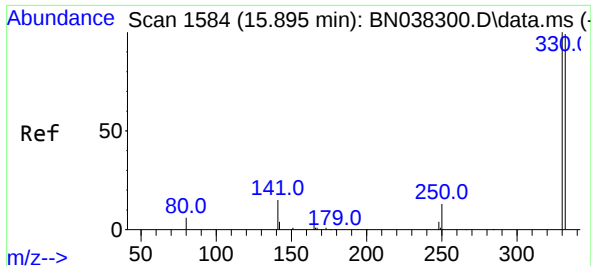
Tgt Ion:152 Resp: 1202
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038382.D
Acq: 13 Dec 2025 12:16

Tgt Ion:164 Resp: 8437
Ion Ratio Lower Upper
164 100
162 106.5 86.2 129.4
160 53.7 44.6 67.0

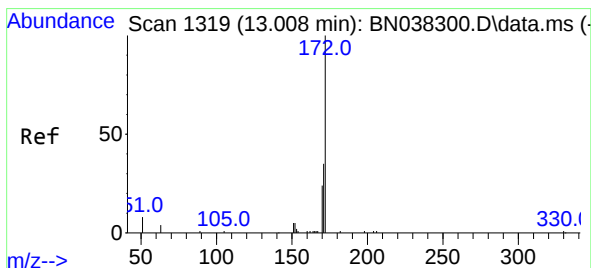
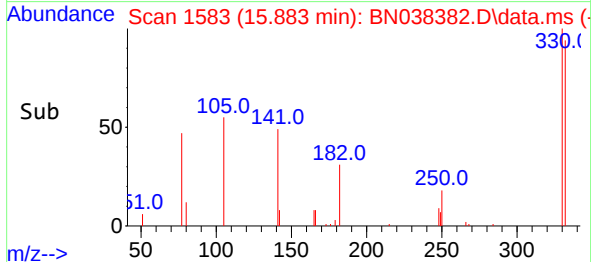
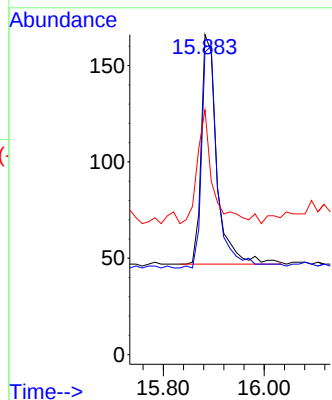
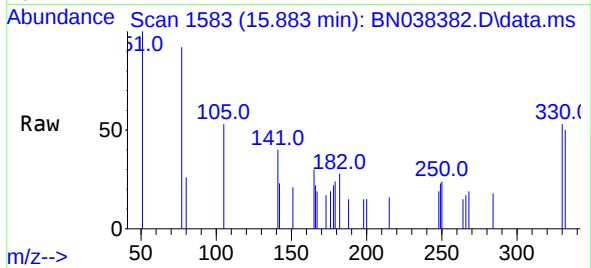




#14
2,4,6-Tribromophenol
Concen: 0.068 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038382.D
Acq: 13 Dec 2025 12:16

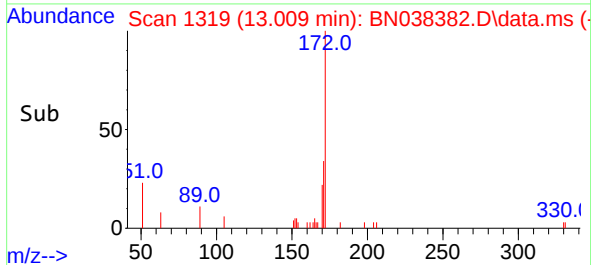
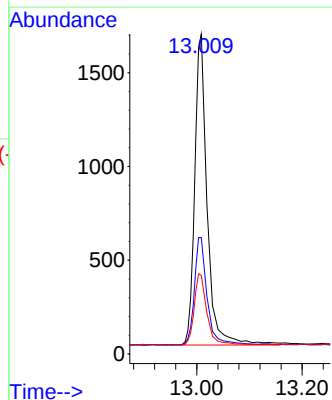
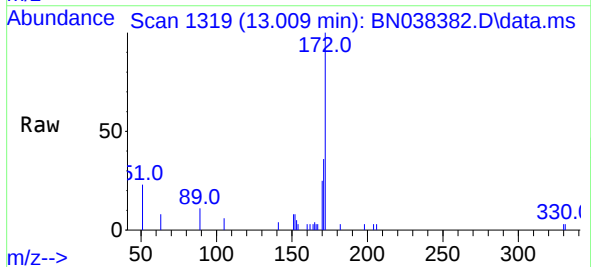
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ClientSampleId :
RMW-03B-90-120925DL

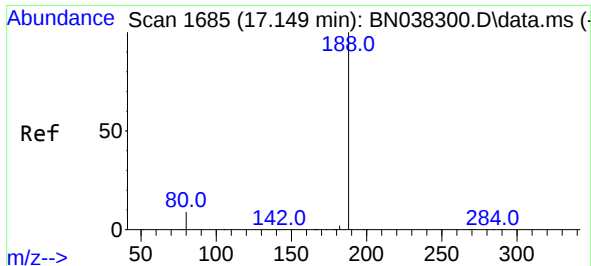
Tgt Ion:330 Resp: 255
Ion Ratio Lower Upper
330 100
332 97.6 75.8 113.6
141 47.5 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.084 ng
RT: 13.009 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038382.D
Acq: 13 Dec 2025 12:16

Tgt Ion:172 Resp: 3415
Ion Ratio Lower Upper
172 100
171 36.4 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: BN038382.D

Acq: 13 Dec 2025 12:16

Instrument :

BNA_N

ClientSampleId :

RMW-03B-90-120925DL

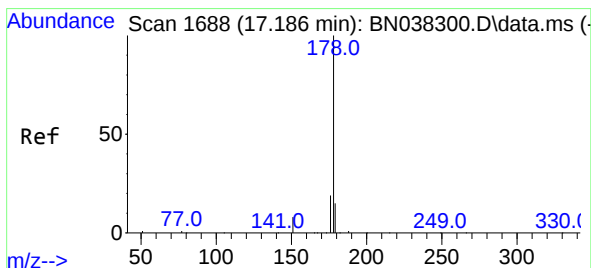
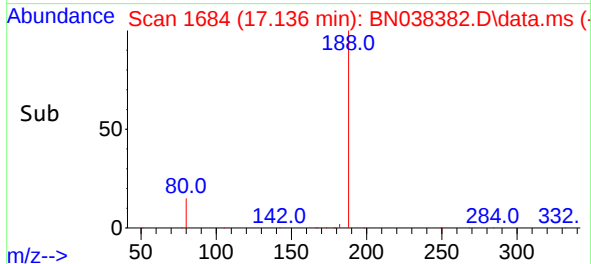
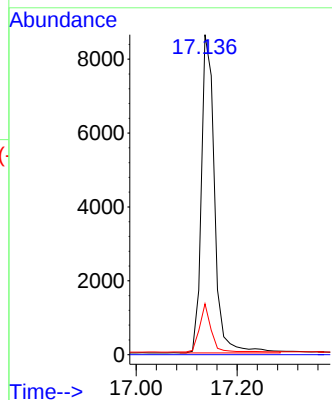
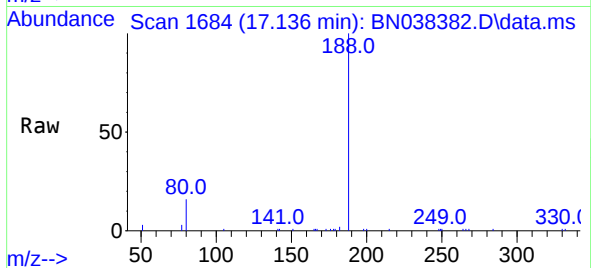
Tgt Ion:188 Resp: 15660

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.9 7.4 11.0#



#25

Phenanthrene

Concen: 0.020 ng

RT: 17.186 min Scan# 1688

Delta R.T. 0.000 min

Lab File: BN038382.D

Acq: 13 Dec 2025 12:16

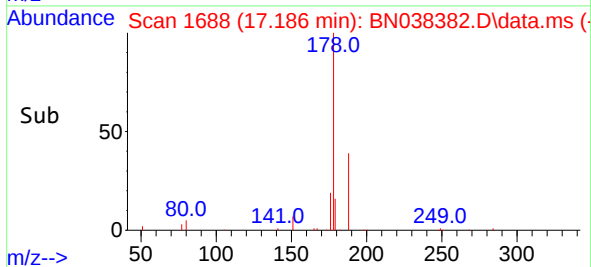
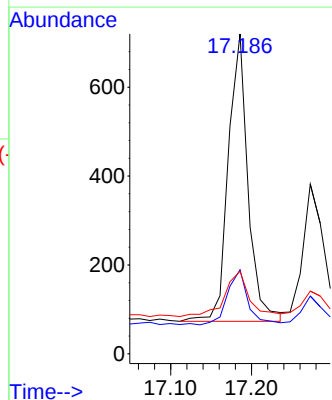
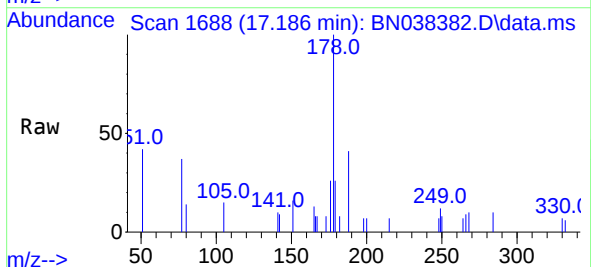
Tgt Ion:178 Resp: 1098

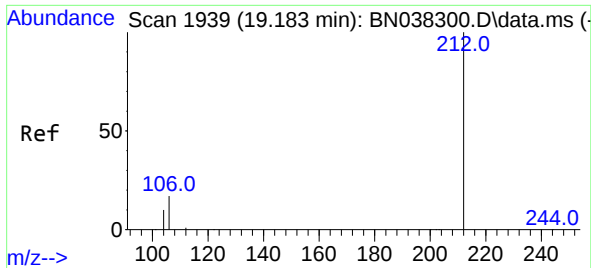
Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 19.5 12.2 18.2#

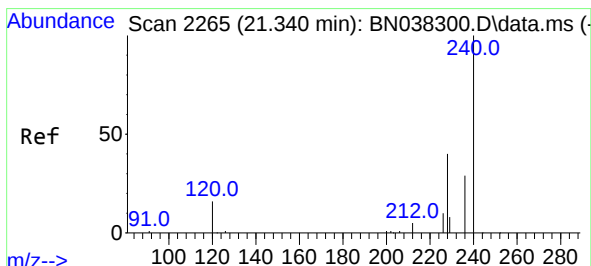
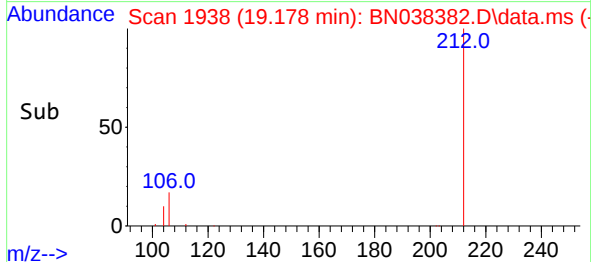
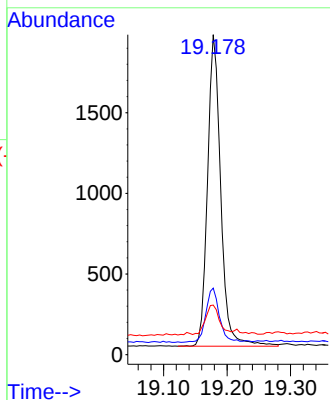
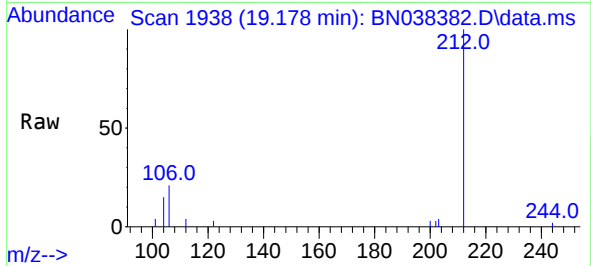




#27
Fluoranthene-d10
Concen: 0.072 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038382.D
Acq: 13 Dec 2025 12:16

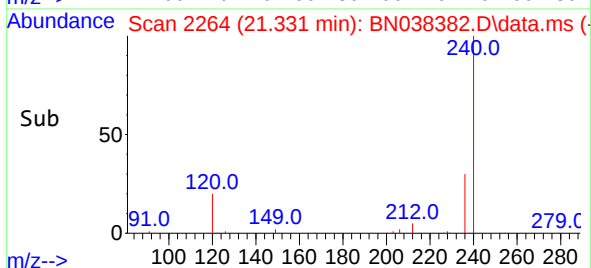
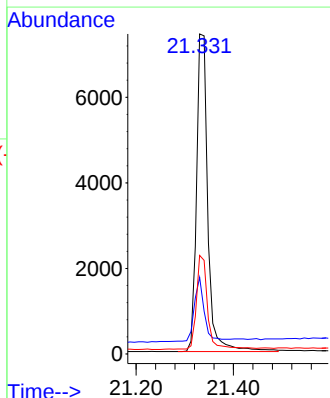
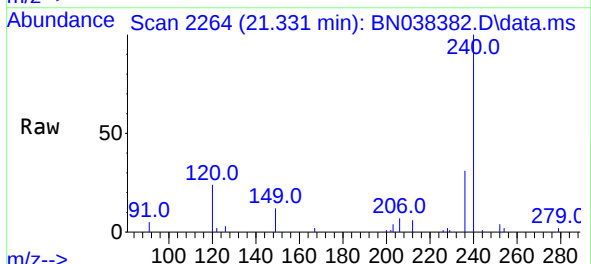
Instrument :
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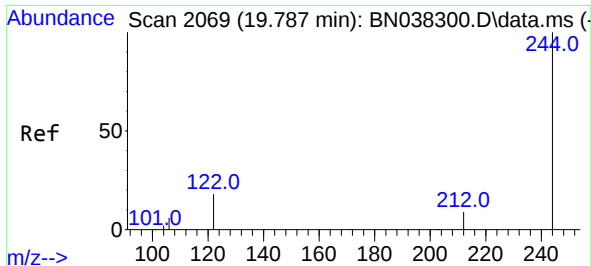
Tgt Ion:	212	Resp:	2796
Ion	Ratio	Lower	Upper
212	100		
106	17.8	13.7	20.5
104	9.8	7.8	11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038382.D
Acq: 13 Dec 2025 12:16

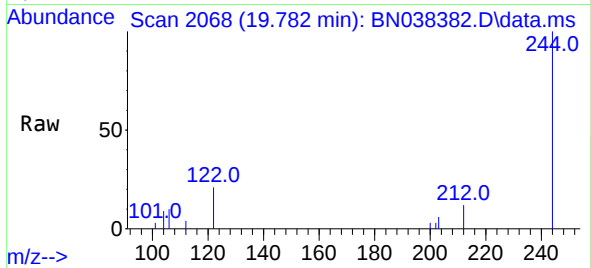
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Ion	Ratio	Lower	Upper
240	100		
120	24.0	15.4	23.2
236	30.8	23.9	35.9



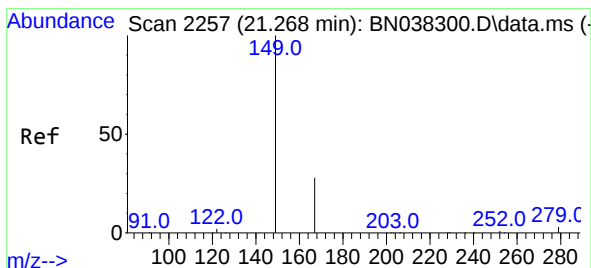
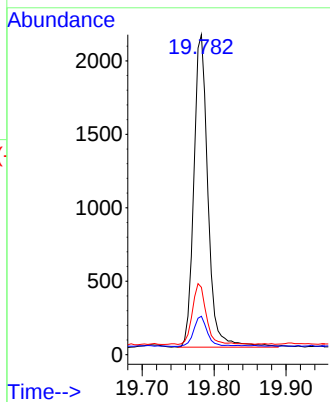
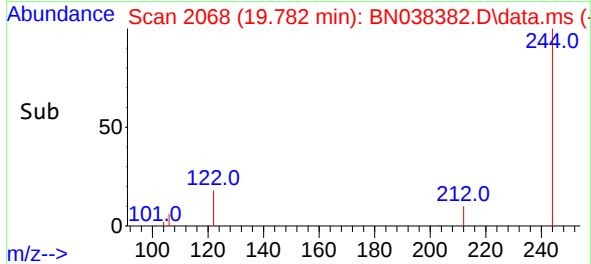


#31
 Terphenyl-d14
 Concen: 0.109 ng
 RT: 19.782 min Scan# 2068
 Delta R.T. -0.009 min
 Lab File: BN038382.D
 Acq: 13 Dec 2025 12:16

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90-120925DL

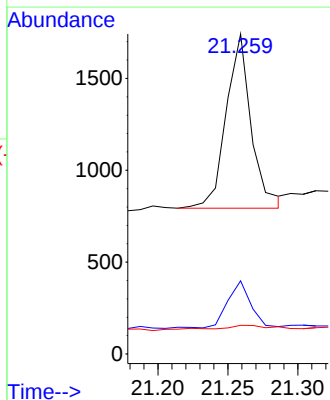
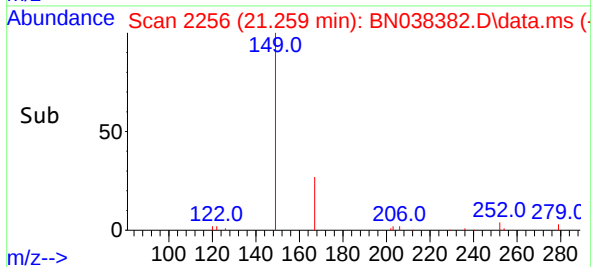
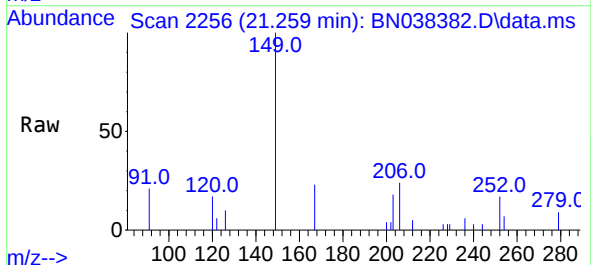


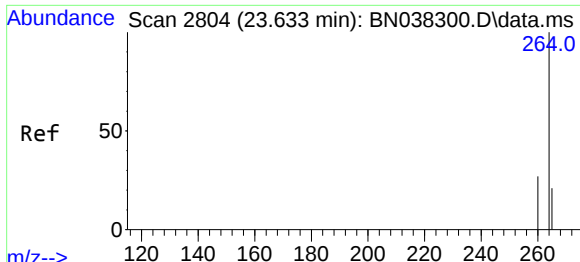
Tgt Ion:244 Resp: 2904
 Ion Ratio Lower Upper
 244 100
 212 12.0 7.9 11.9#
 122 21.1 15.0 22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 21.259 min Scan# 2256
 Delta R.T. -0.009 min
 Lab File: BN038382.D
 Acq: 13 Dec 2025 12:16

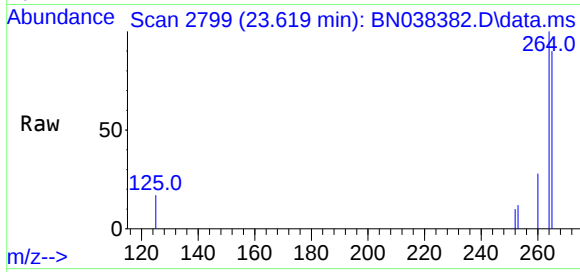
Tgt Ion:149 Resp: 1179
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.4 32.0
 279 4.4 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.619 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN038382.D
Acq: 13 Dec 2025 12:16

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-120925DL



Tgt Ion:264 Resp: 12174

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.2	33.2
265	90.1	80.2	120.2

