

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037771.D
 Acq On : 18 Sep 2025 10:00
 Operator : RC/JU
 Sample : Q3097-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 10:46:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

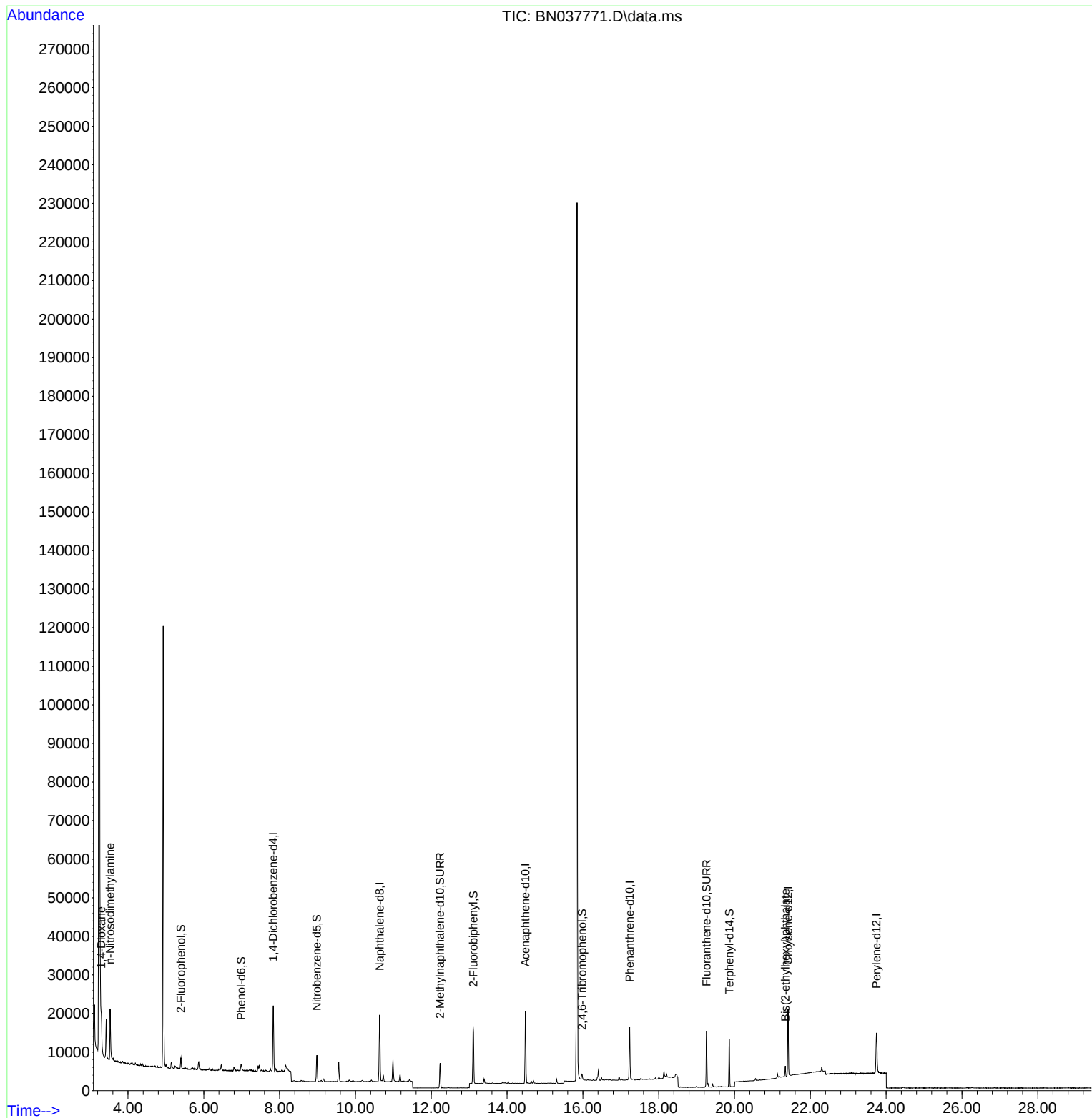
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	8062	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	22030	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	10128	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	18234	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	14812	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	15070	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2208	0.119	ng	0.00
5) Phenol-d6	6.988	99	1567	0.065	ng	0.00
8) Nitrobenzene-d5	8.982	82	5146	0.319	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	8314	0.285	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	990	0.375	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	13153	0.311	ng	0.00
27) Fluoranthene-d10	19.262	212	15813	0.345	ng	0.00
31) Terphenyl-d14	19.861	244	11370	0.378	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	3093	0.368	ng	# 88
3) n-Nitrosodimethylamine	3.528	42	2721	0.248	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.340	149	2775	0.181	ng	97

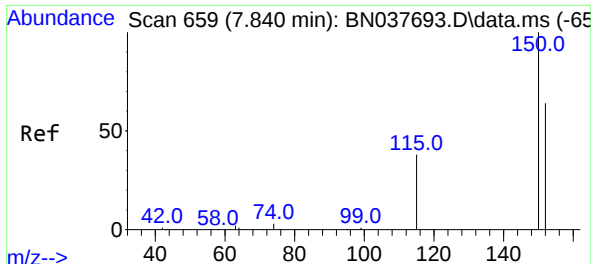
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
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Sample : Q3097-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Time: Sep 18 10:46:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

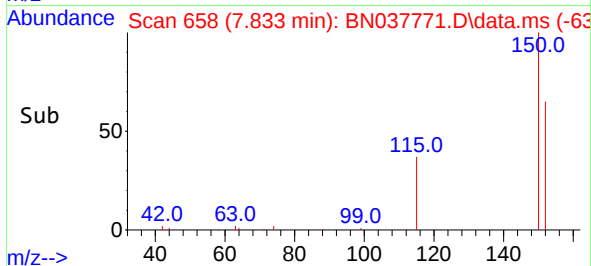
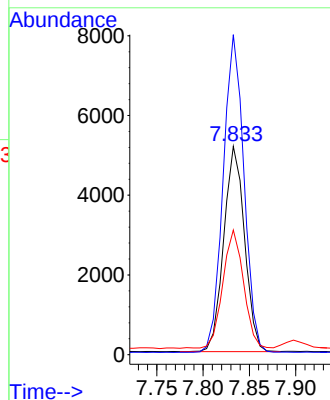
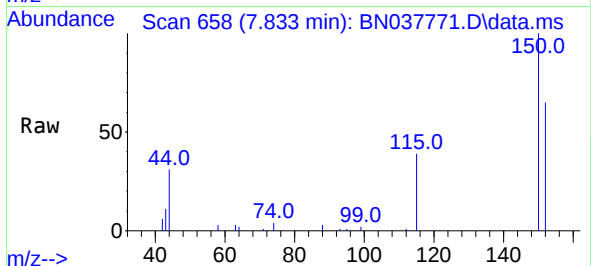




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

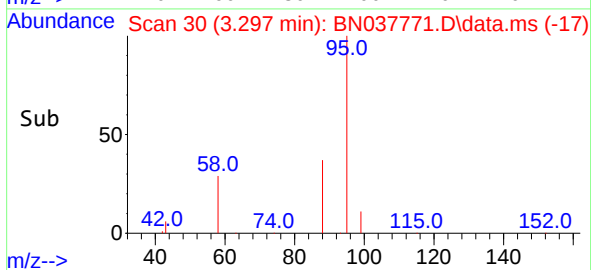
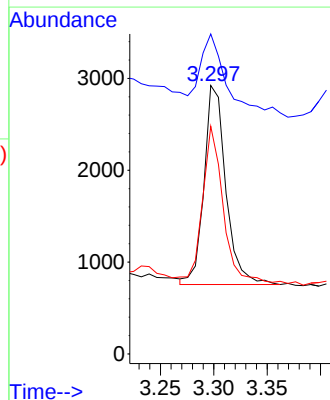
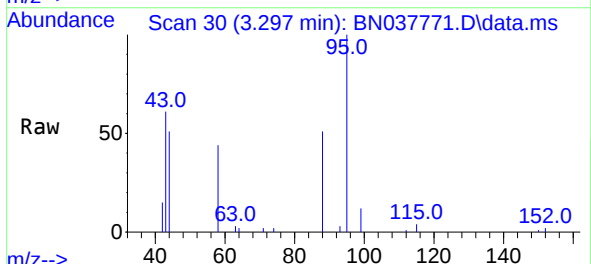
Instrument :
BNA_N
ClientSampleId :

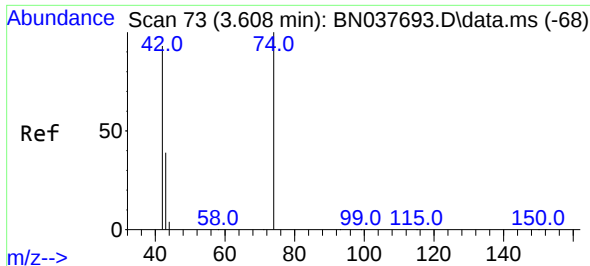
Tgt Ion:152 Resp: 8062
Ion Ratio Lower Upper
152 100
150 153.6 124.5 186.7
115 59.8 49.2 73.8



#2
1,4-Dioxane
Concen: 0.368 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Tgt Ion: 88 Resp: 3093
Ion Ratio Lower Upper
88 100
43 53.2 26.8 40.2#
58 75.5 61.9 92.9

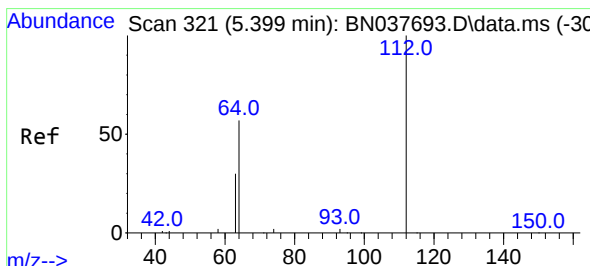
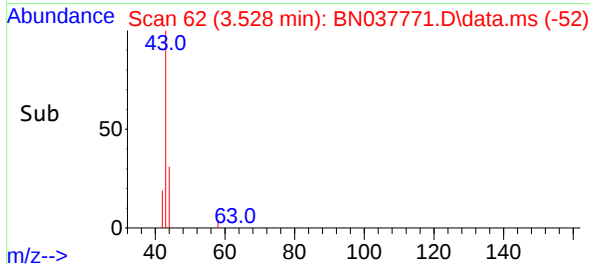
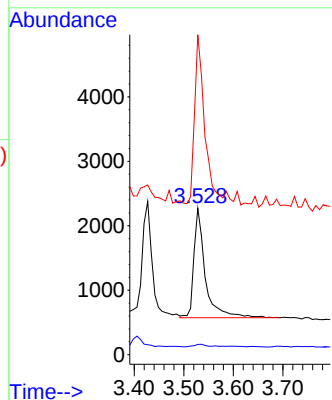
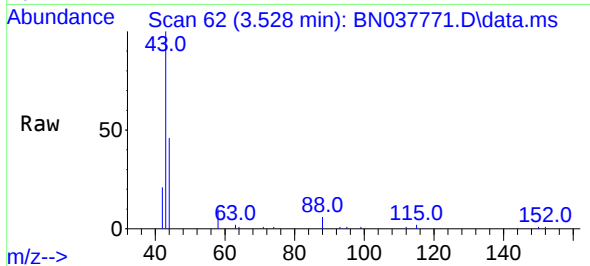




#3
n-Nitrosodimethylamine
Concen: 0.248 ng
RT: 3.528 min Scan# 61
Delta R.T. -0.080 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

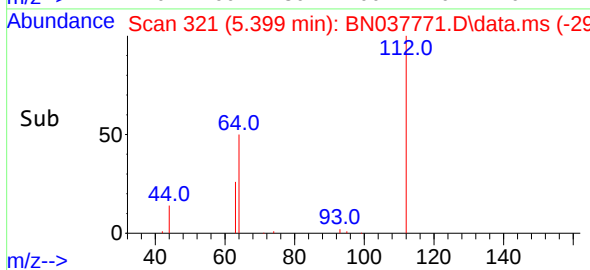
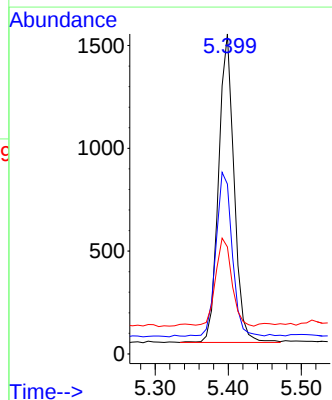
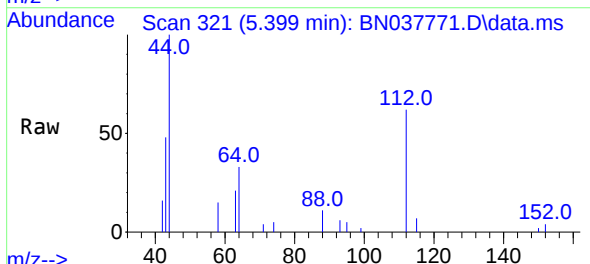
Instrument :
BNA_N
ClientSampleId :

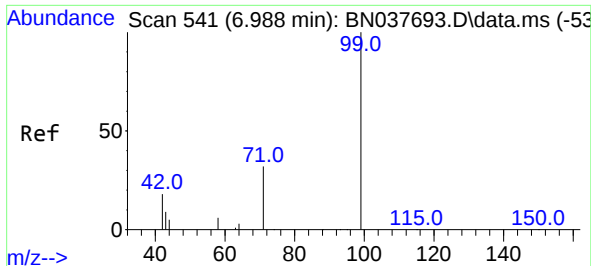
Tgt Ion: 42 Resp: 2721
Ion Ratio Lower Upper
42 100
74 2.4 86.0 129.0#
44 139.5 8.4 12.6#



#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

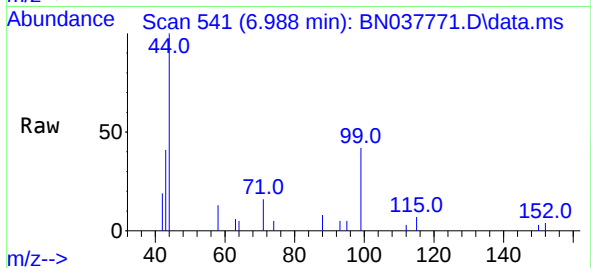
Tgt Ion: 112 Resp: 2208
Ion Ratio Lower Upper
112 100
64 55.4 44.9 67.3
63 29.6 24.7 37.1



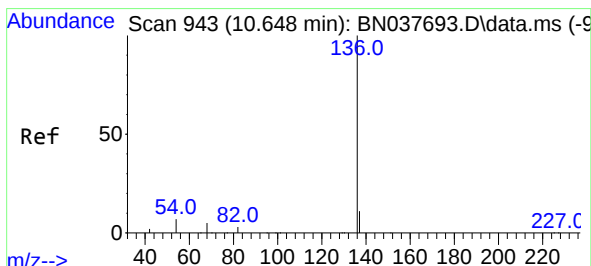
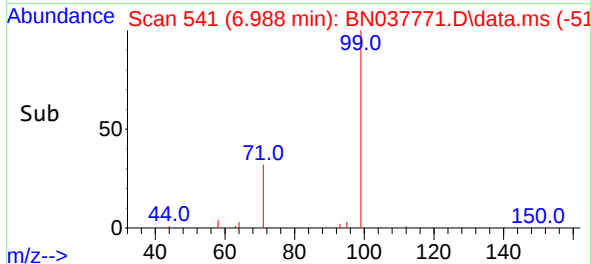
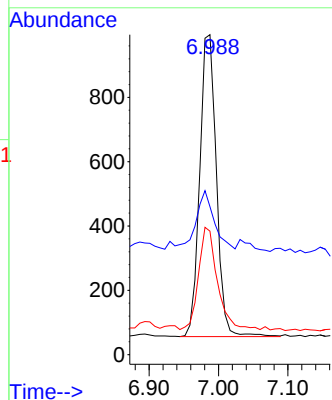


#5
Phenol-d6
Concen: 0.065 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Instrument :
BNA_N
ClientSampleId :

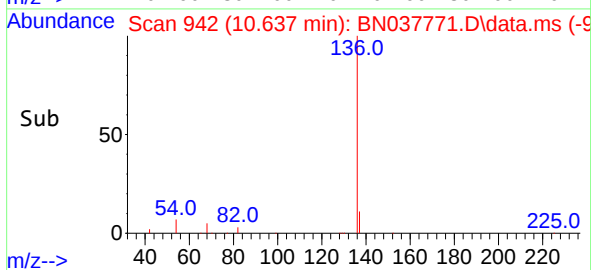
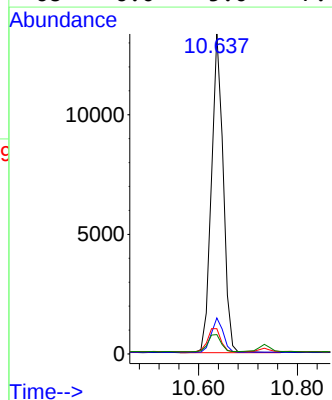
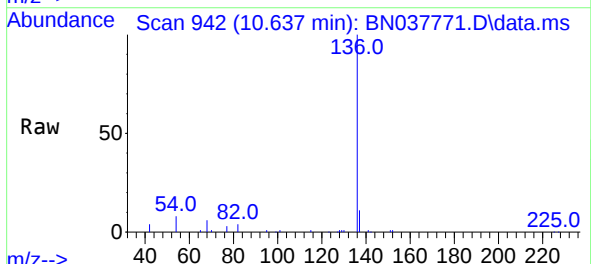


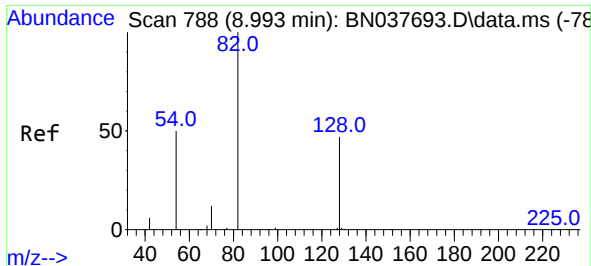
Tgt Ion: 99 Resp: 1567
Ion Ratio Lower Upper
99 100
42 20.1 16.6 24.8
71 38.0 26.7 40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Tgt Ion: 136 Resp: 22030
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.9 6.3 9.5
68 6.0 5.0 7.4

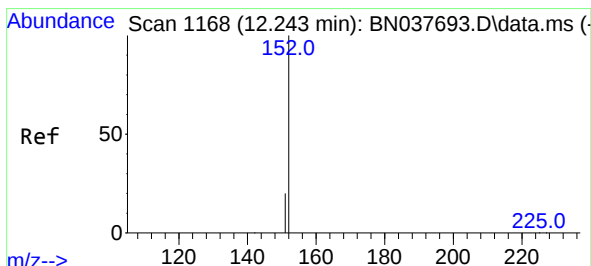
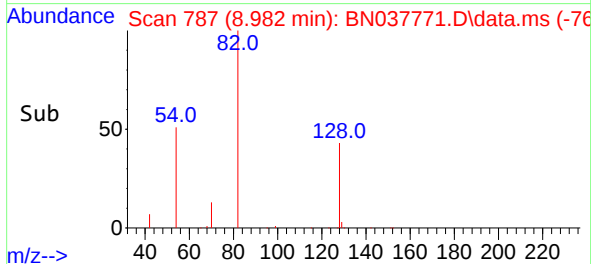
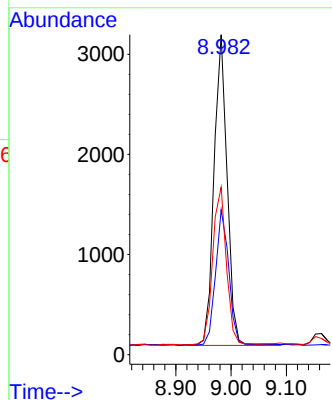
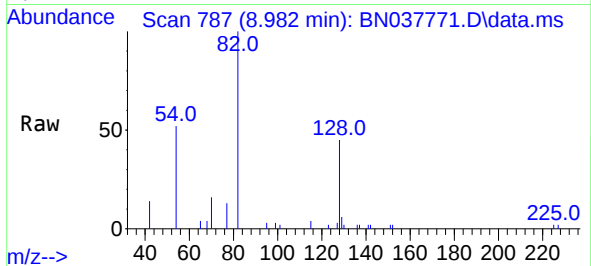




#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.982 min Scan# 788
Delta R.T. -0.011 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

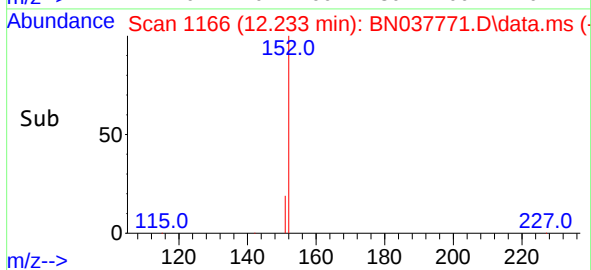
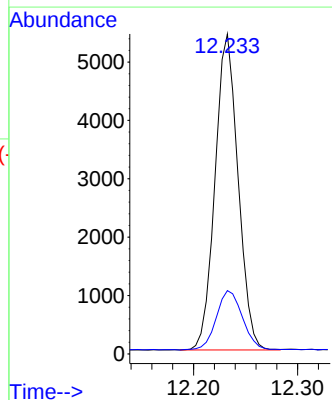
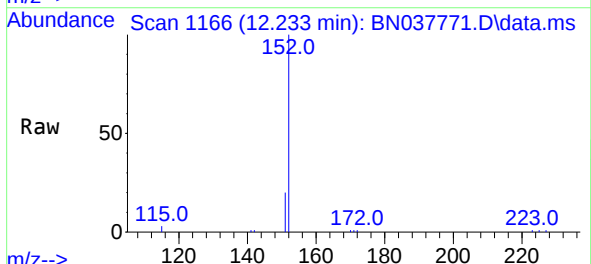
Instrument :
BNA_N
ClientSampleId :

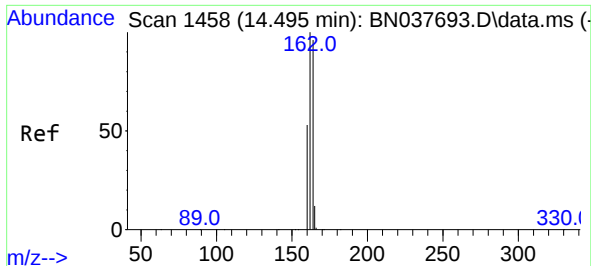
Tgt Ion: 82 Resp: 5146
Ion Ratio Lower Upper
82 100
128 45.3 38.3 57.5
54 52.3 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

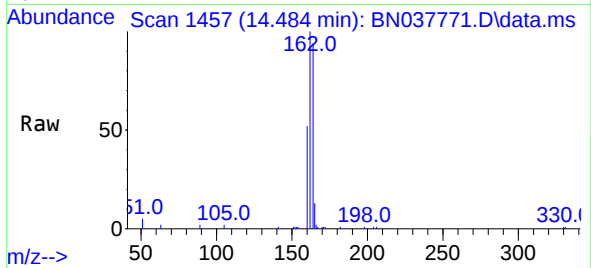
Tgt Ion: 152 Resp: 8314
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6



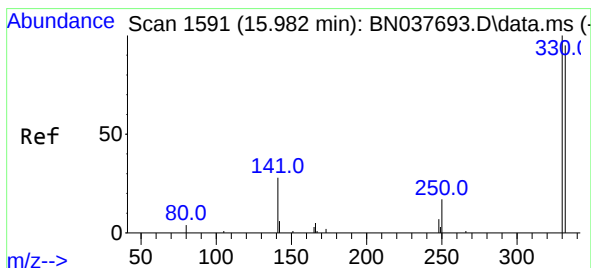
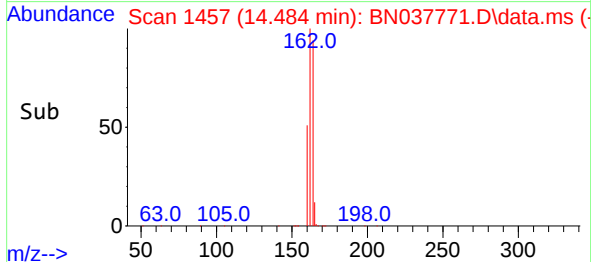
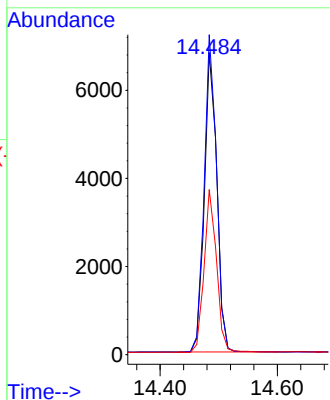


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Instrument :
BNA_N
ClientSampleId :

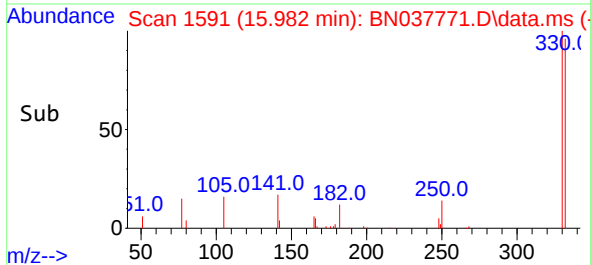
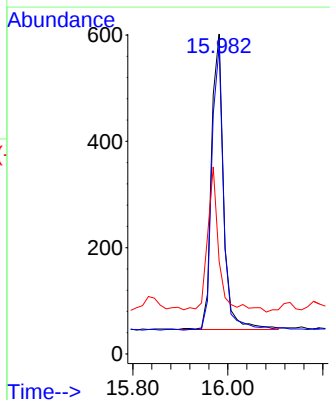
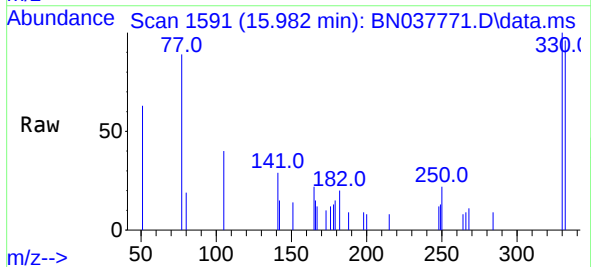


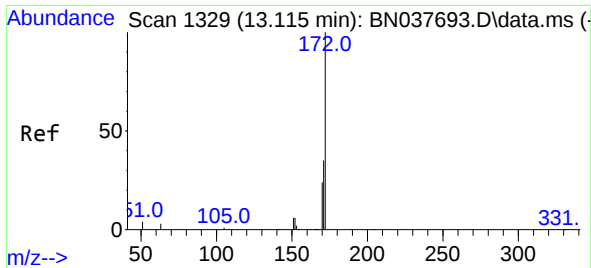
Tgt Ion:164 Resp: 10128
Ion Ratio Lower Upper
164 100
162 105.9 83.1 124.7
160 54.7 44.3 66.5



#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Tgt Ion:330 Resp: 990
Ion Ratio Lower Upper
330 100
332 93.7 75.3 112.9
141 47.3 35.0 52.4

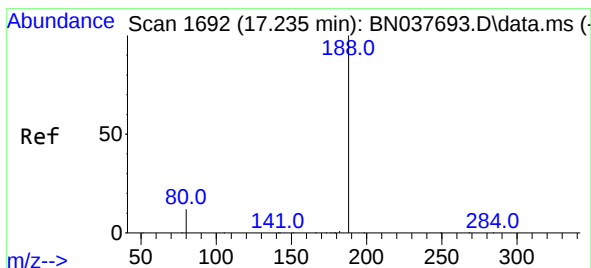
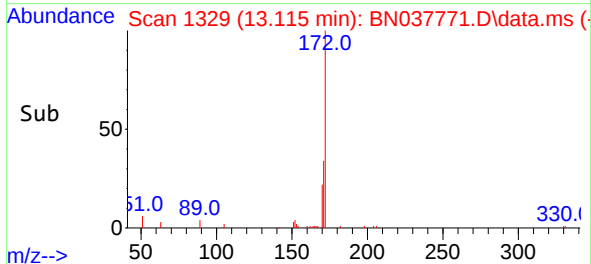
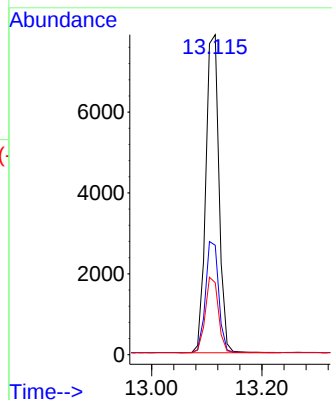
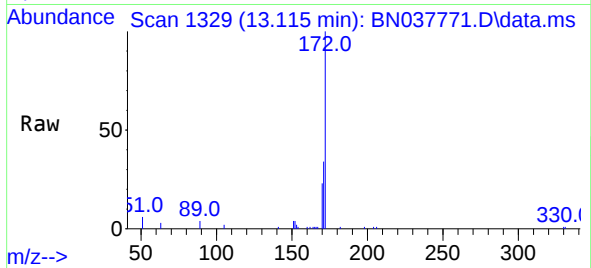




#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 13.115 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

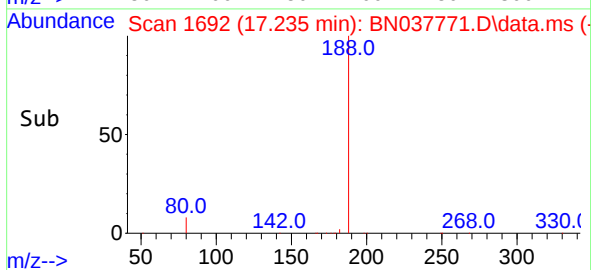
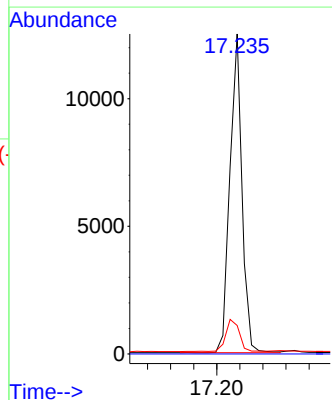
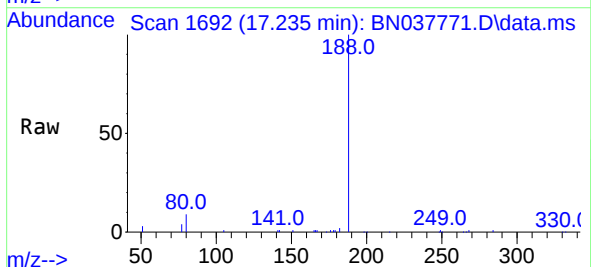
Instrument :
BNA_N
ClientSampleId :

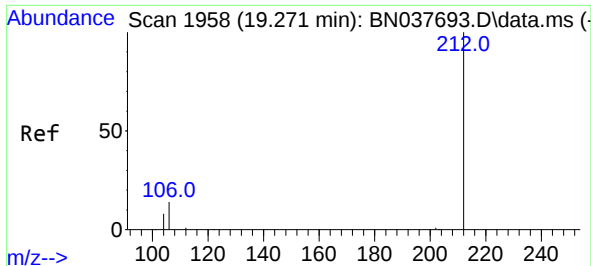
Tgt Ion:172 Resp: 13153
Ion Ratio Lower Upper
172 100
171 34.2 28.6 43.0
170 22.5 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

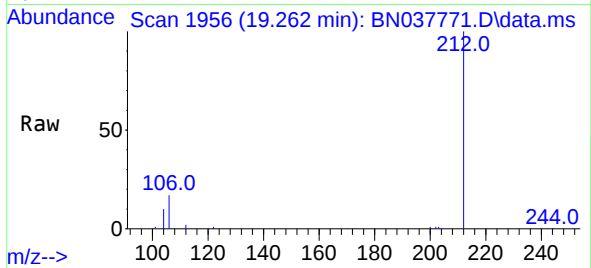
Tgt Ion:188 Resp: 18234
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 10.6 15.8#



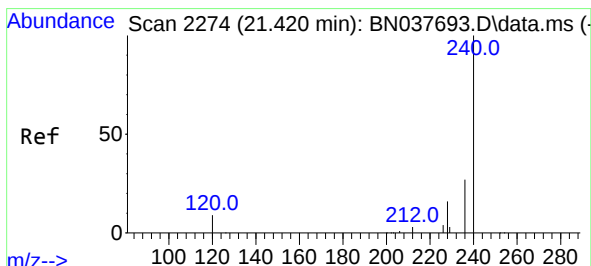
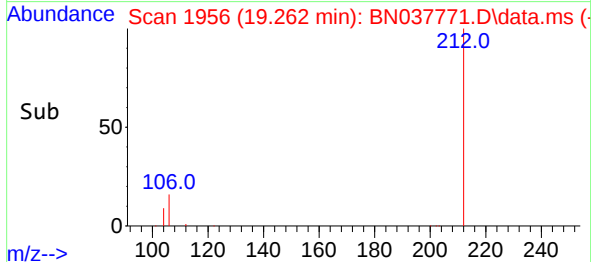
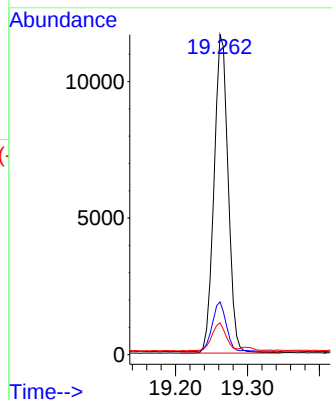


#27
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Instrument :
BNA_N
ClientSampleId :

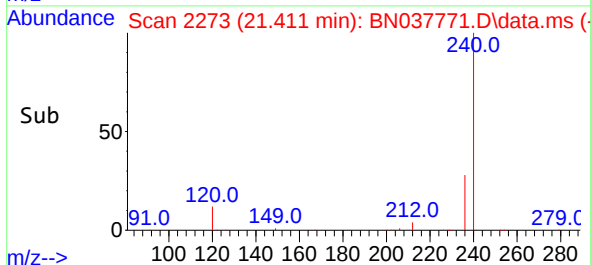
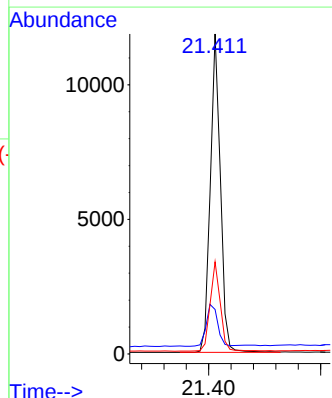
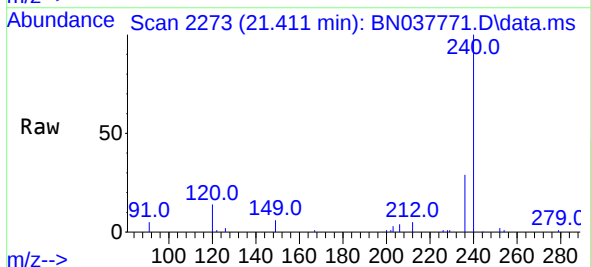


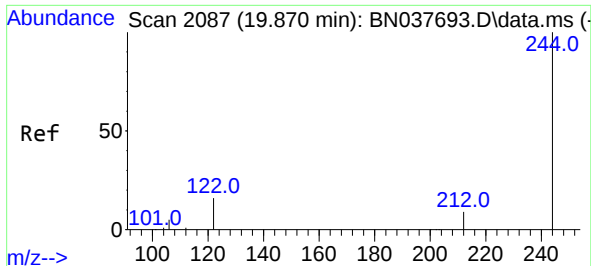
Tgt Ion:212 Resp: 15813
Ion Ratio Lower Upper
212 100
106 15.8 12.2 18.2
104 8.8 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

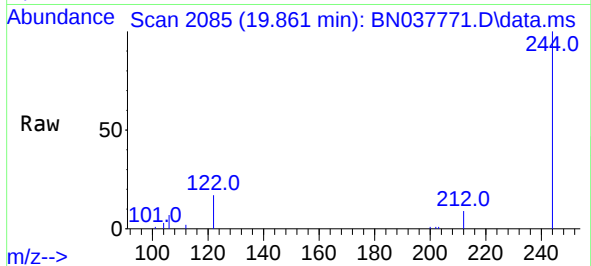
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Ion Ratio Lower Upper
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120 13.9 9.2 13.8#
236 28.8 22.6 33.8



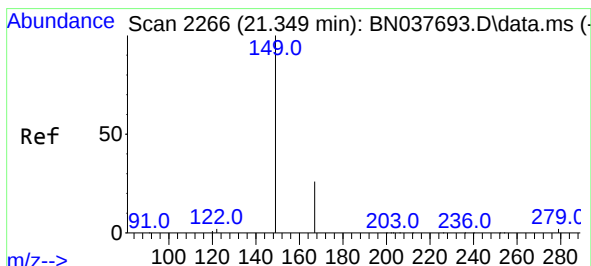
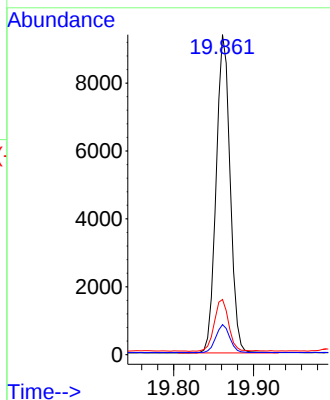


#31
Terphenyl-d14
Concen: 0.378 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Instrument :
BNA_N
ClientSampleId :

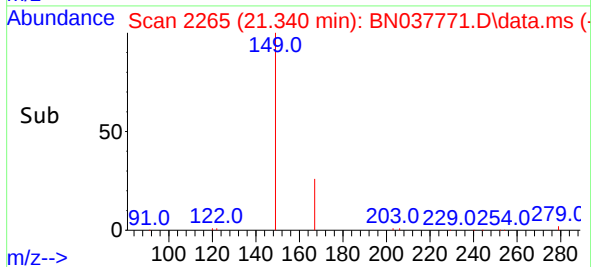
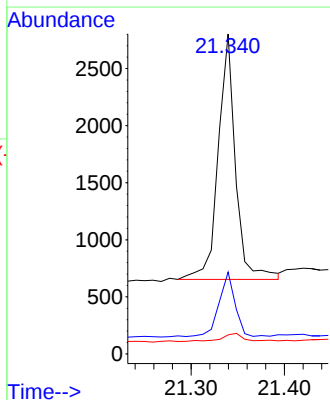
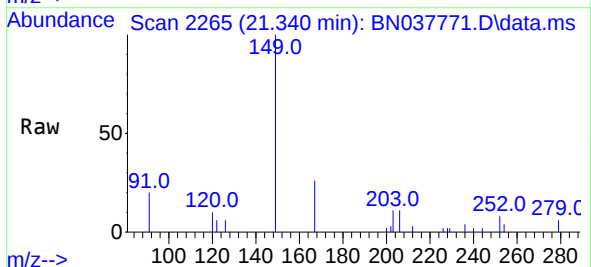


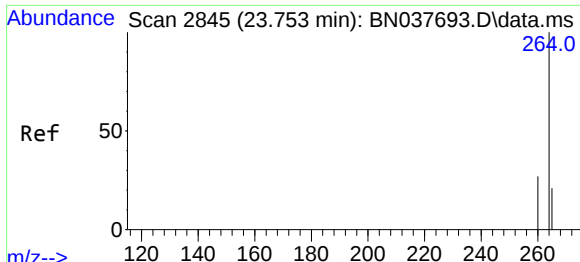
Tgt Ion:244 Resp: 11370
Ion Ratio Lower Upper
244 100
212 9.4 7.5 11.3
122 17.2 13.2 19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.181 ng
RT: 21.340 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

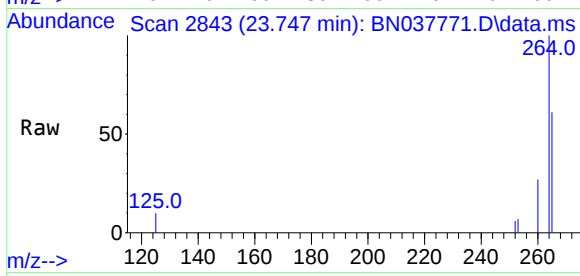
Tgt Ion:149 Resp: 2775
Ion Ratio Lower Upper
149 100
167 24.0 20.8 31.2
279 3.9 3.3 4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 15070

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.8	32.8
265	61.5	39.4	59.2#

