

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081925\  
 Data File : BN037602.D  
 Acq On : 19 Aug 2025 11:52  
 Operator : RC/JU  
 Sample : Q2842-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RMW-03B-90.4-08122025

Quant Time: Aug 20 01:24:54 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 13 05:00:58 2025  
 Response via : Initial Calibration

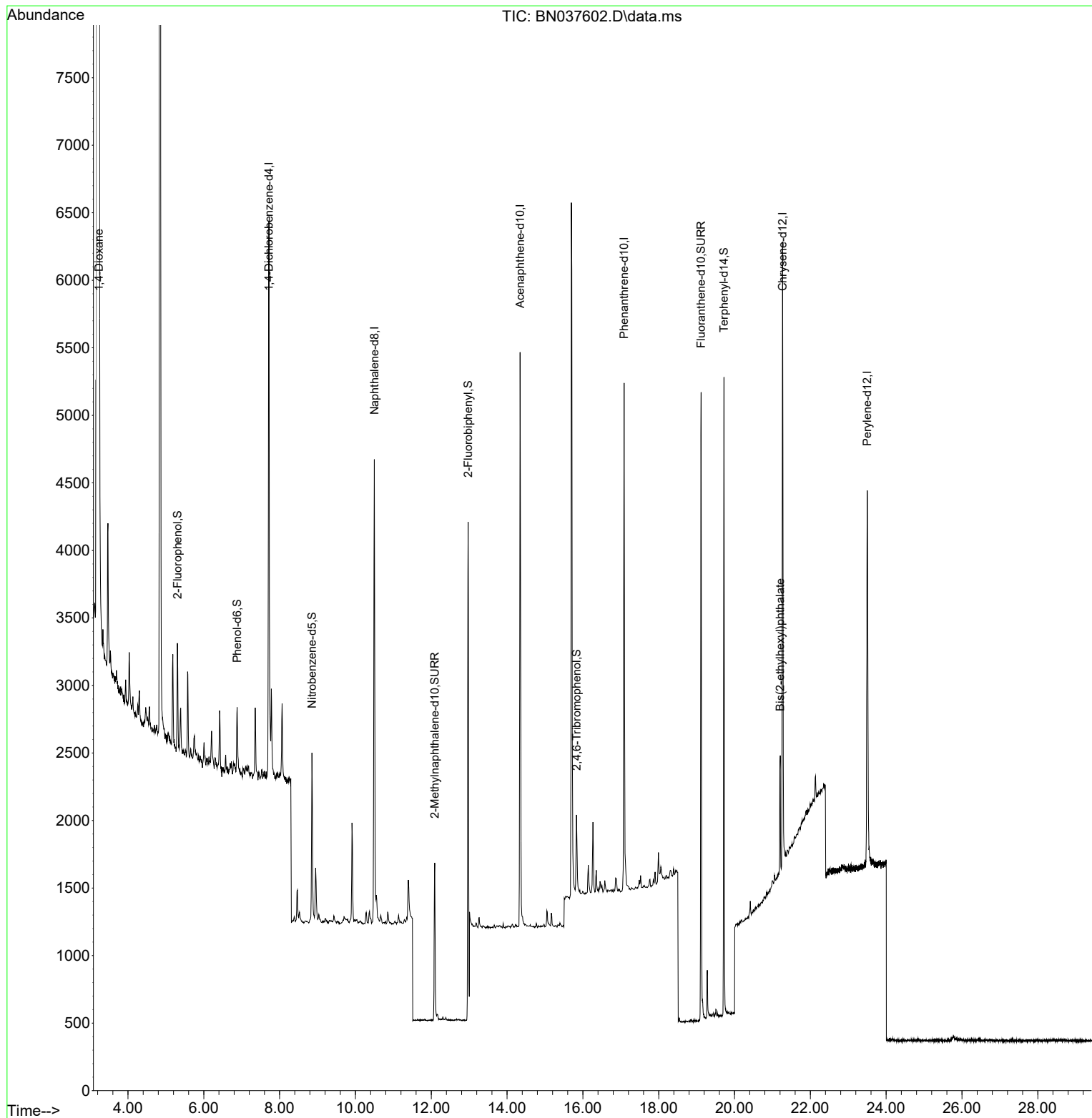
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.717  | 152  | 1956     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.498 | 136  | 4779     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.345 | 164  | 2382     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.086 | 188  | 5089     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.268 | 240  | 4467     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.502 | 264  | 3954     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.305  | 112  | 582      | 0.131 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.879  | 99   | 403      | 0.076 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 999      | 0.297 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.090 | 152  | 1716     | 0.264 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 359      | 0.344 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.973 | 172  | 4796     | 0.348 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.118 | 212  | 5055     | 0.378 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.722 | 244  | 4519     | 0.492 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.232  | 88   | 11619    | 6.209 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.205 | 149  | 895      | 0.145 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

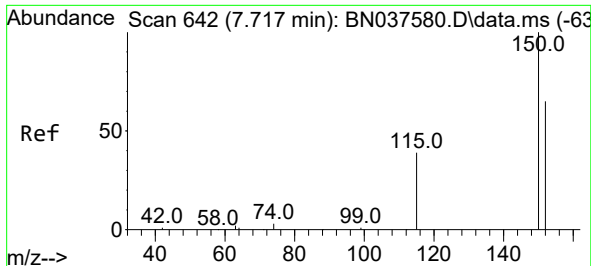
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RMW-03B-90.4-08122025

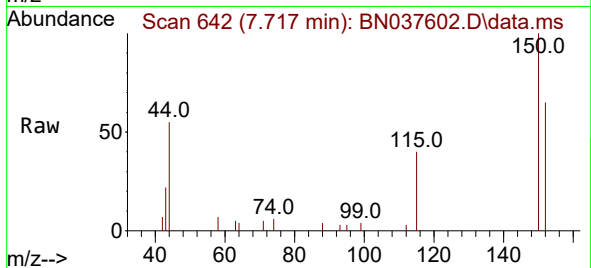
Quant Time: Aug 20 01:24:54 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 13 05:00:58 2025  
Response via : Initial Calibration



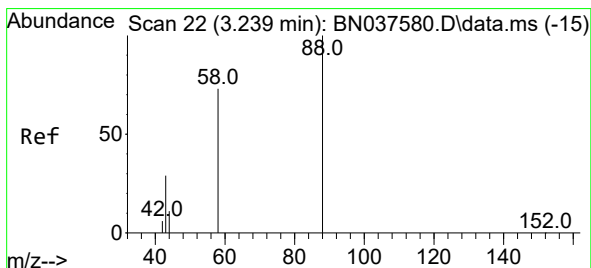
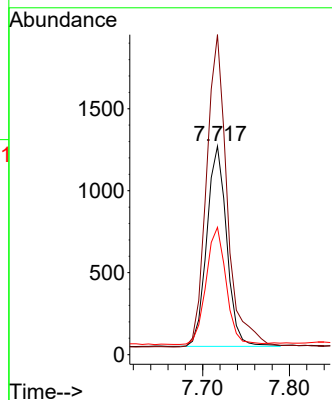
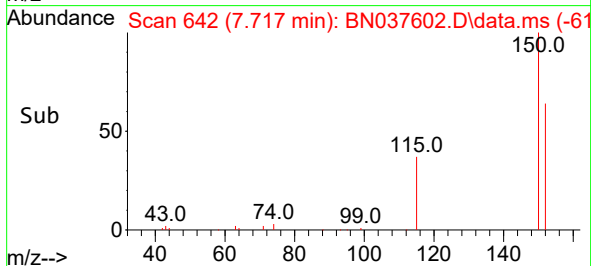


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.717 min Scan# 64  
 Delta R.T. 0.000 min  
 Lab File: BN037602.D  
 Acq: 19 Aug 2025 11:52

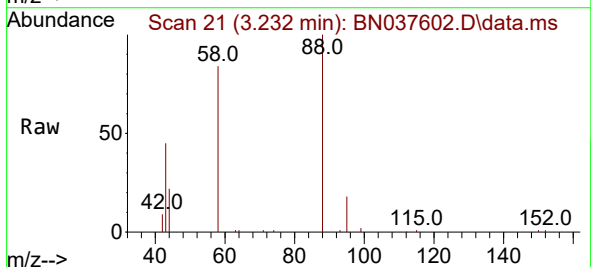
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RMW-03B-90.4-08122025



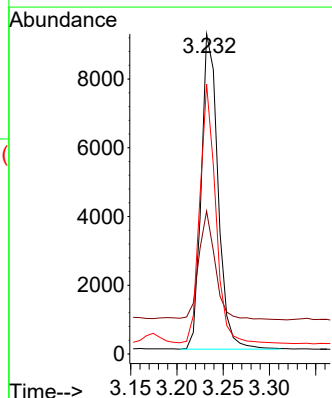
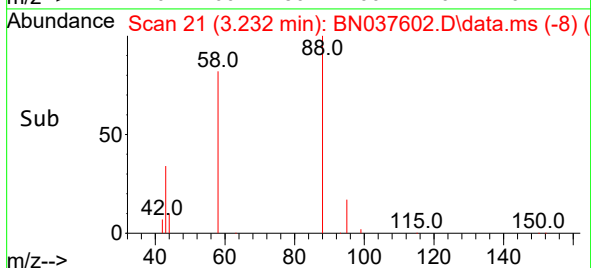
Tgt Ion:152 Resp: 1956  
 Ion Ratio Lower Upper  
 152 100  
 150 153.5 122.2 183.4  
 115 61.1 49.8 74.6

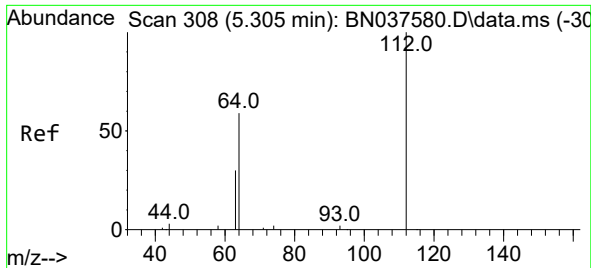


#2  
 1,4-Dioxane  
 Concen: 6.209 ng  
 RT: 3.232 min Scan# 21  
 Delta R.T. -0.007 min  
 Lab File: BN037602.D  
 Acq: 19 Aug 2025 11:52



Tgt Ion: 88 Resp: 11619  
 Ion Ratio Lower Upper  
 88 100  
 43 33.2 25.8 38.6  
 58 77.0 61.2 91.8





#4

2-Fluorophenol

Concen: 0.131 ng

RT: 5.305 min Scan# 308

Delta R.T. 0.000 min

Lab File: BN037602.D

Acq: 19 Aug 2025 11:52

Instrument :

BNA\_N

ClientSampleId :

RMW-03B-90.4-08122025

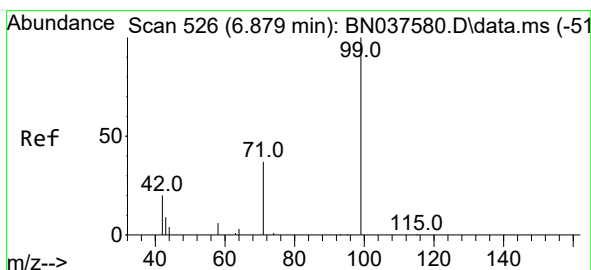
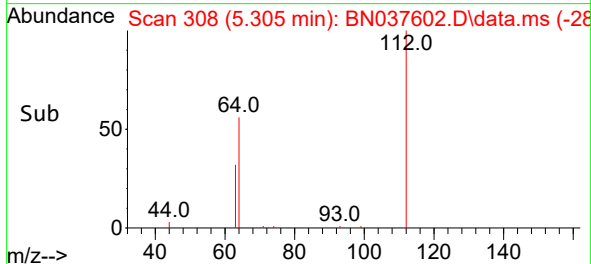
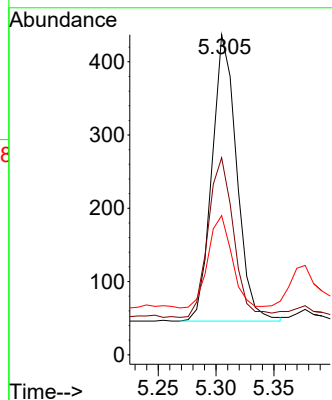
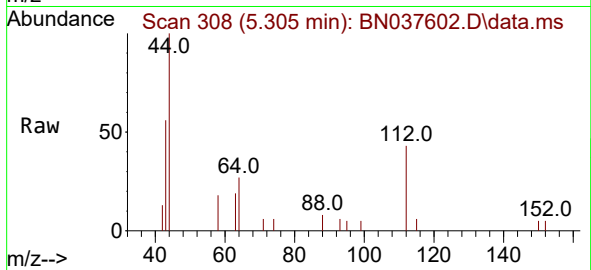
Tgt Ion:112 Resp: 582

Ion Ratio Lower Upper

112 100

64 57.2 44.9 67.3

63 31.1 23.4 35.2



#5

Phenol-d6

Concen: 0.076 ng

RT: 6.879 min Scan# 526

Delta R.T. 0.000 min

Lab File: BN037602.D

Acq: 19 Aug 2025 11:52

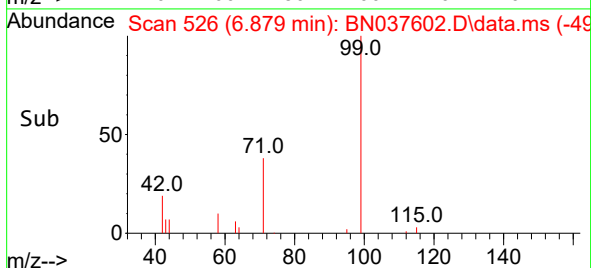
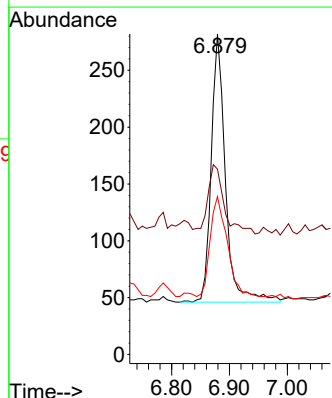
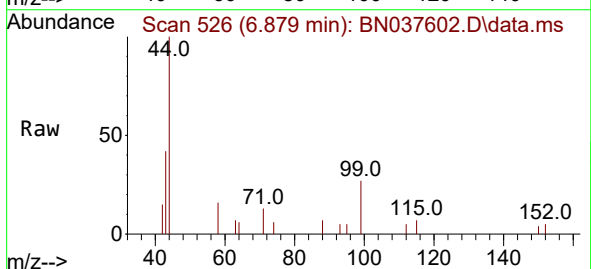
Tgt Ion: 99 Resp: 403

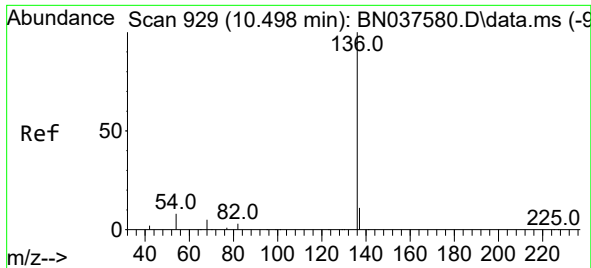
Ion Ratio Lower Upper

99 100

42 29.8 18.5 27.7#

71 46.9 28.6 42.8#

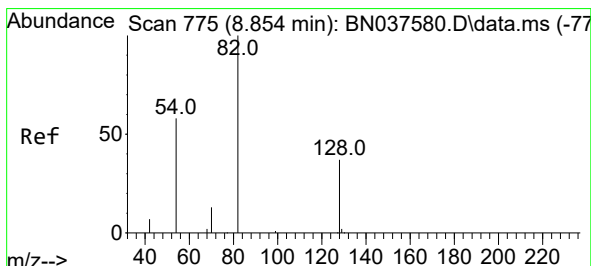
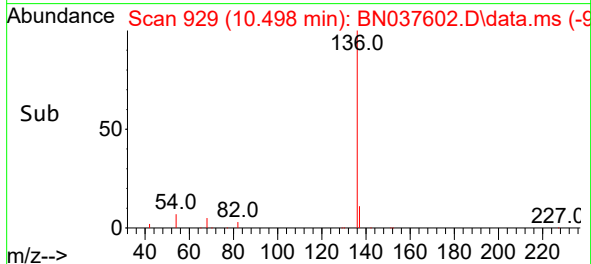
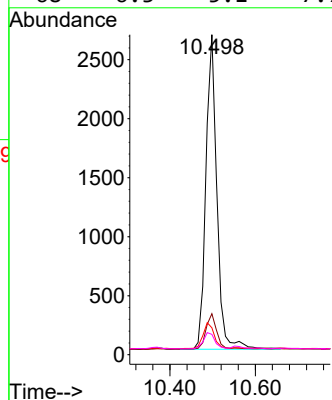
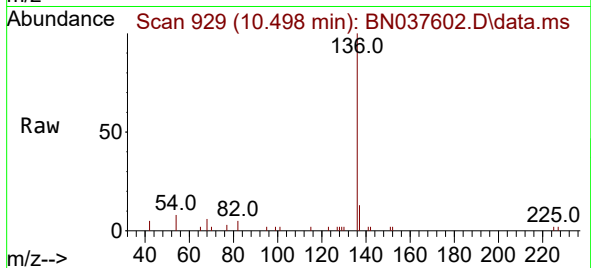




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.498 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN037602.D  
Acq: 19 Aug 2025 11:52

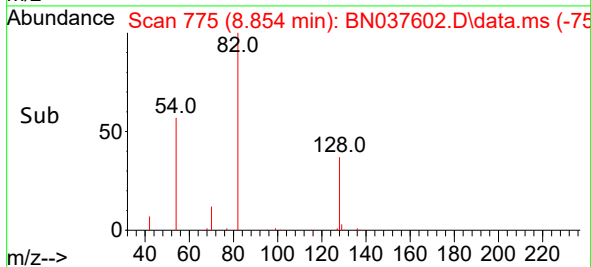
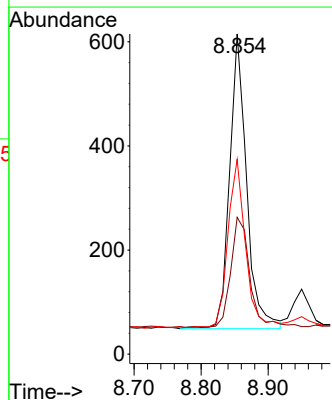
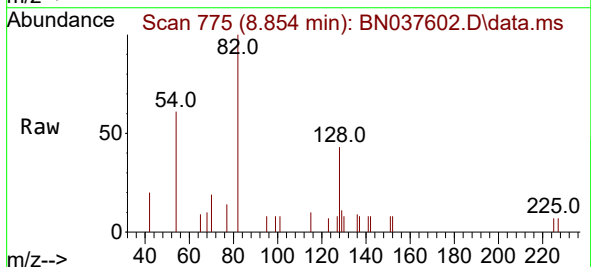
Instrument :  
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RMW-03B-90.4-08122025

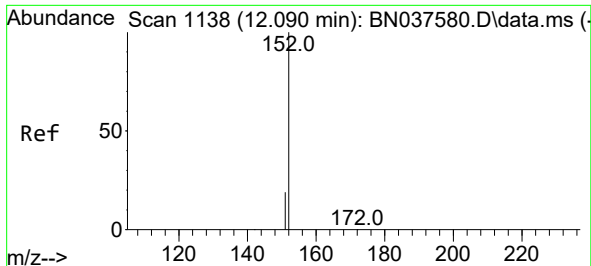
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4779  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.8  | 9.5   | 14.3  |
| 54       | 8.4   | 7.3   | 10.9  |
| 68       | 6.3   | 5.1   | 7.7   |



#8  
Nitrobenzene-d5  
Concen: 0.297 ng  
RT: 8.854 min Scan# 775  
Delta R.T. 0.000 min  
Lab File: BN037602.D  
Acq: 19 Aug 2025 11:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 999   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.8  | 32.6  | 48.8  |
| 54       | 60.8  | 48.9  | 73.3  |

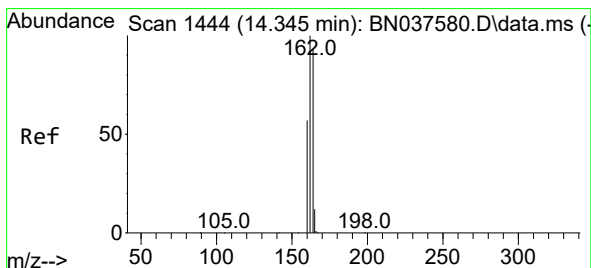
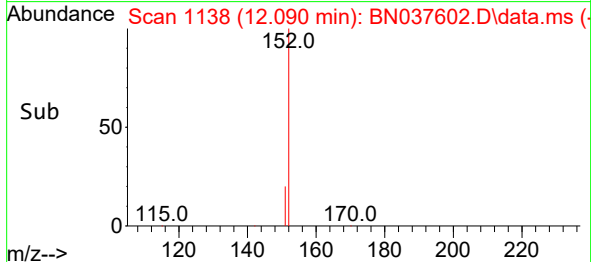
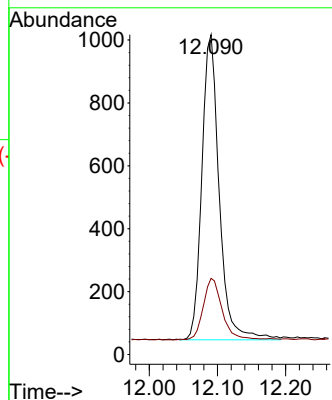
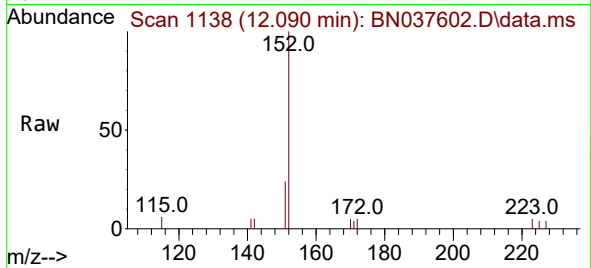




#11  
2-Methylnaphthalene-d10  
Concen: 0.264 ng  
RT: 12.090 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BN037602.D  
Acq: 19 Aug 2025 11:52

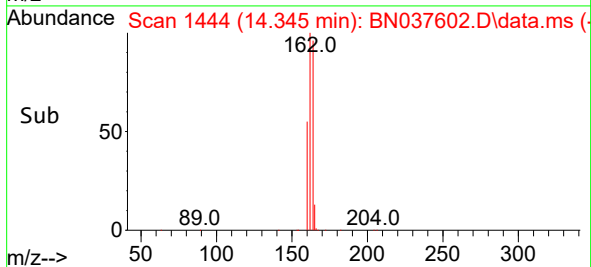
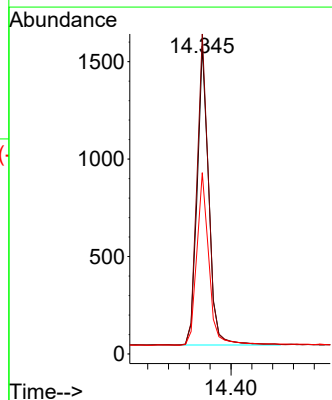
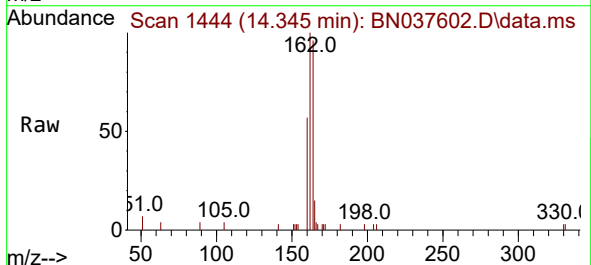
Instrument :  
BNA\_N  
ClientSampleId :  
RMW-03B-90.4-08122025

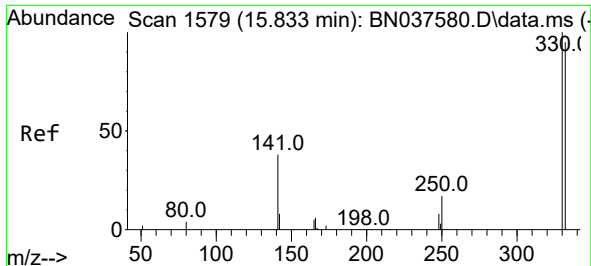
Tgt Ion:152 Resp: 1716  
Ion Ratio Lower Upper  
152 100  
151 21.8 17.3 25.9



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.345 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BN037602.D  
Acq: 19 Aug 2025 11:52

Tgt Ion:164 Resp: 2382  
Ion Ratio Lower Upper  
164 100  
162 103.9 85.5 128.3  
160 58.9 49.5 74.3

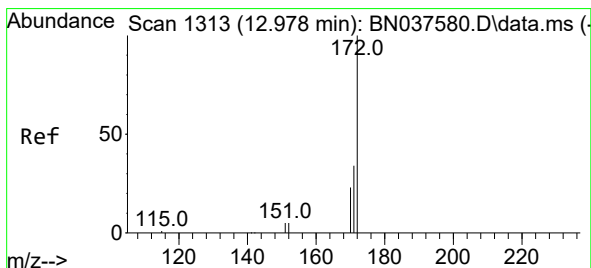
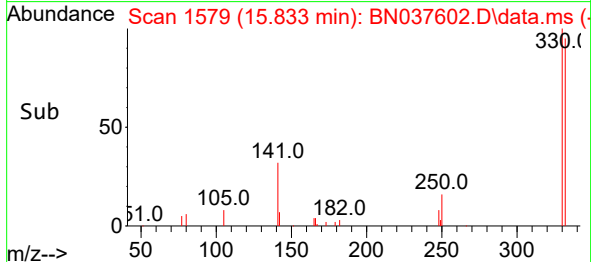
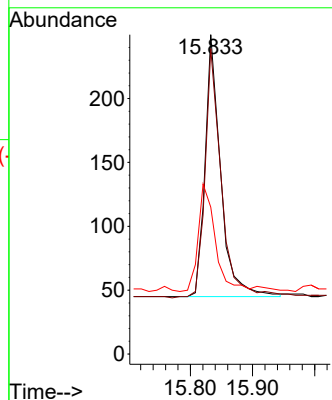
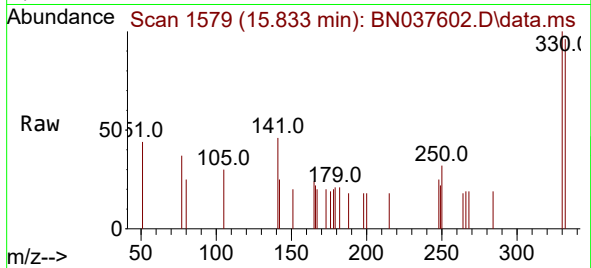




#14  
2,4,6-Tribromophenol  
Concen: 0.344 ng  
RT: 15.833 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN037602.D  
Acq: 19 Aug 2025 11:52

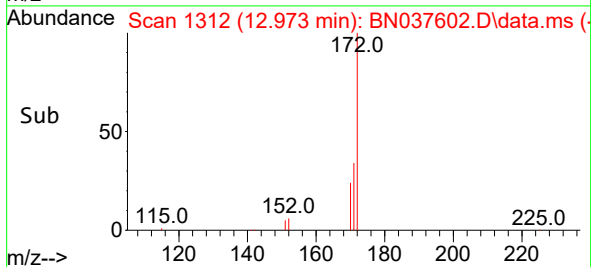
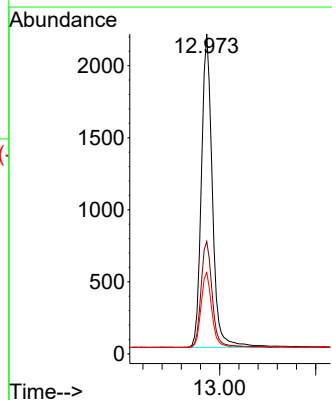
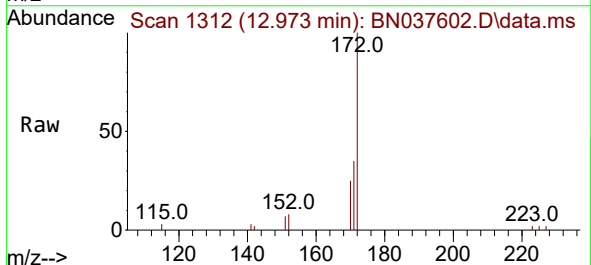
Instrument :  
BNA\_N  
ClientSampleId :  
RMW-03B-90.4-08122025

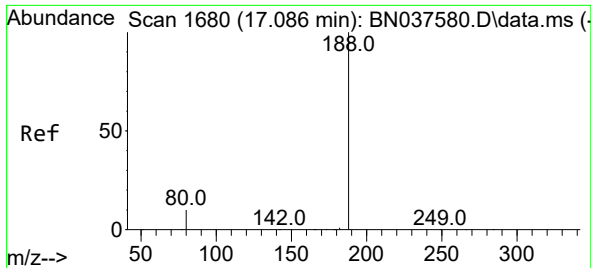
Tgt Ion:330 Resp: 359  
Ion Ratio Lower Upper  
330 100  
332 100.8 77.4 116.0  
141 46.8 30.9 46.3#



#15  
2-Fluorobiphenyl  
Concen: 0.348 ng  
RT: 12.973 min Scan# 1312  
Delta R.T. -0.005 min  
Lab File: BN037602.D  
Acq: 19 Aug 2025 11:52

Tgt Ion:172 Resp: 4796  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.2 42.4  
170 25.5 19.2 28.8

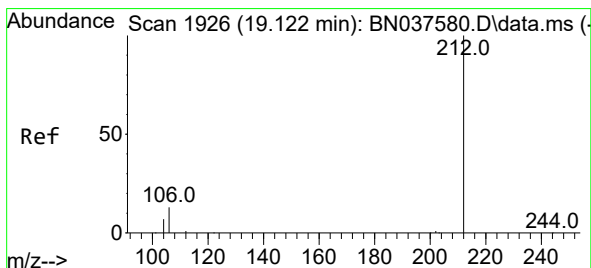
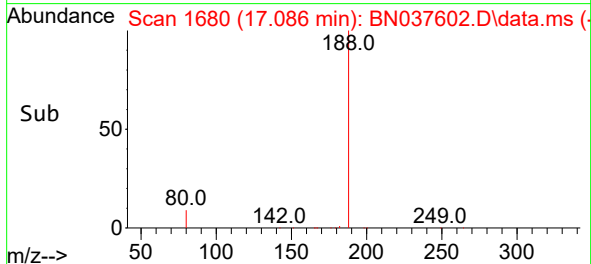
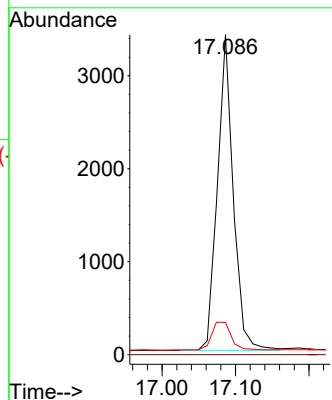
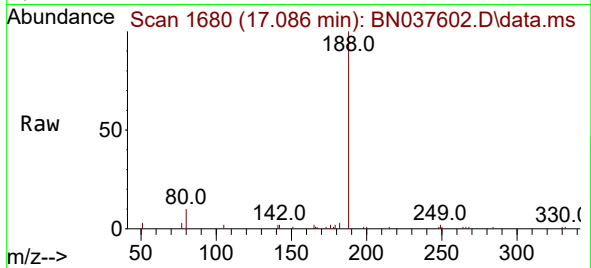




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.086 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN037602.D  
Acq: 19 Aug 2025 11:52

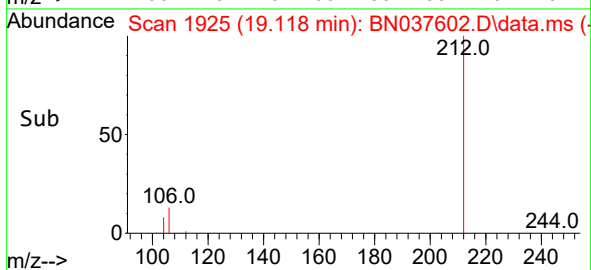
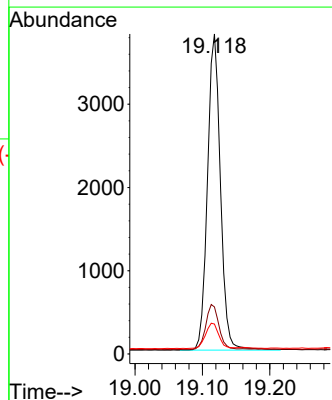
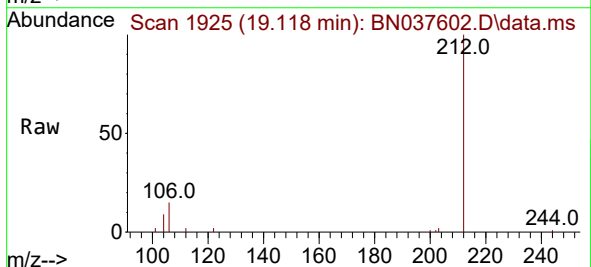
Instrument :  
BNA\_N  
ClientSampleId :  
RMW-03B-90.4-08122025

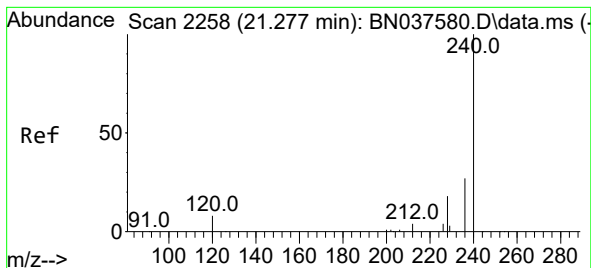
Tgt Ion:188 Resp: 5089  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.1 9.1 13.7



#27  
Fluoranthene-d10  
Concen: 0.378 ng  
RT: 19.118 min Scan# 1925  
Delta R.T. -0.005 min  
Lab File: BN037602.D  
Acq: 19 Aug 2025 11:52

Tgt Ion:212 Resp: 5055  
Ion Ratio Lower Upper  
212 100  
106 14.9 11.5 17.3  
104 8.3 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037602.D

Acq: 19 Aug 2025 11:52

Instrument :

BNA\_N

ClientSampleId :

RMW-03B-90.4-08122025

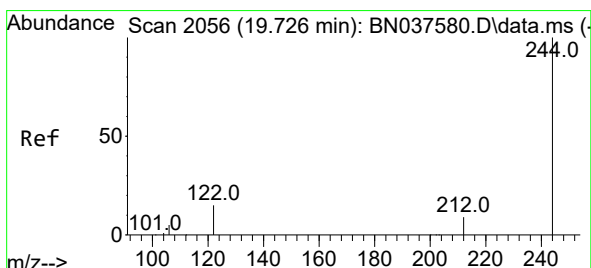
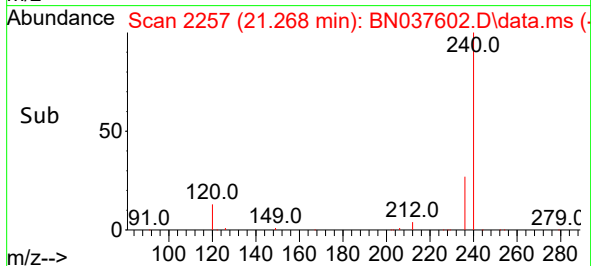
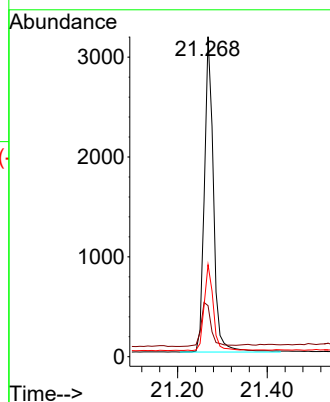
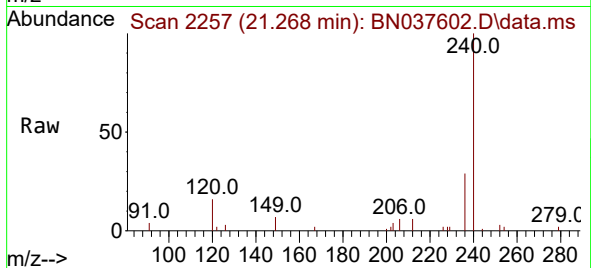
Tgt Ion:240 Resp: 4467

Ion Ratio Lower Upper

240 100

120 16.0 8.9 13.3#

236 28.7 22.6 33.8



#31

Terphenyl-d14

Concen: 0.492 ng

RT: 19.722 min Scan# 2055

Delta R.T. -0.005 min

Lab File: BN037602.D

Acq: 19 Aug 2025 11:52

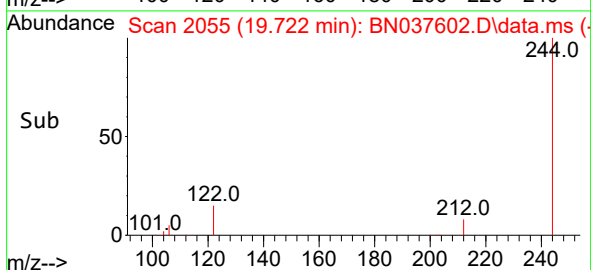
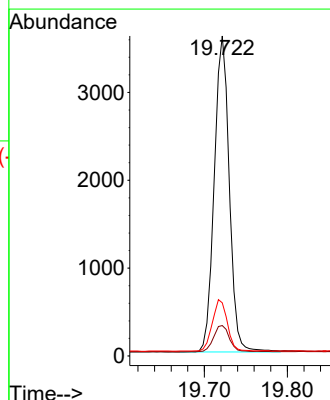
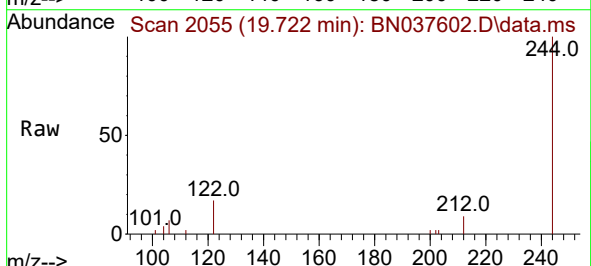
Tgt Ion:244 Resp: 4519

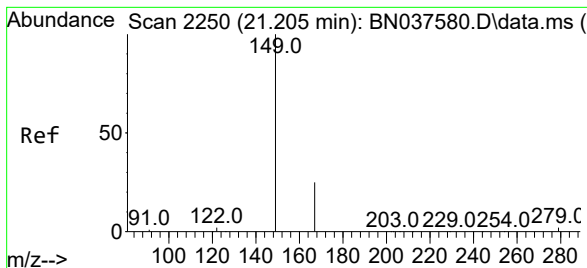
Ion Ratio Lower Upper

244 100

212 9.5 8.2 12.2

122 16.6 13.2 19.8

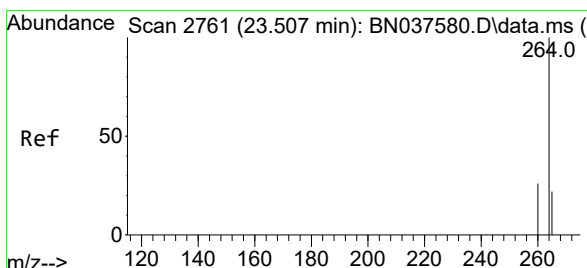
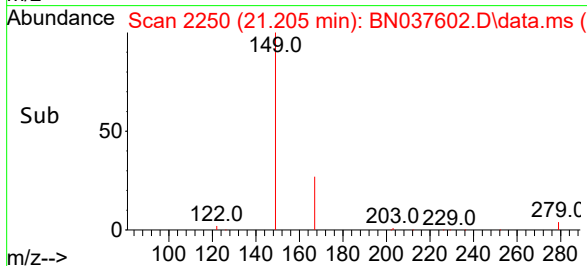
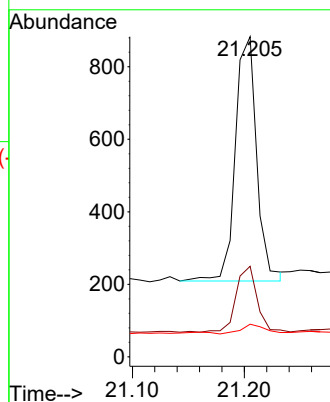
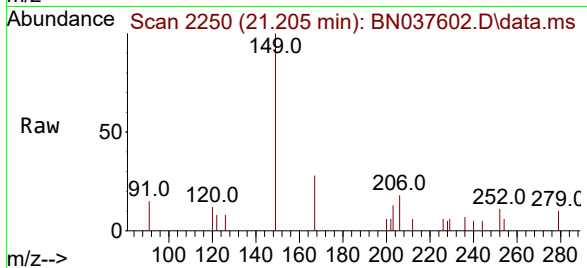




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.145 ng  
RT: 21.205 min Scan# 2125  
Delta R.T. 0.000 min  
Lab File: BN037602.D  
Acq: 19 Aug 2025 11:52

Instrument :  
BNA\_N  
ClientSampleId :  
RMW-03B-90.4-08122025

Tgt Ion:149 Resp: 895  
Ion Ratio Lower Upper  
149 100  
167 26.7 20.5 30.7  
279 4.7 2.6 4.0#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.502 min Scan# 2759  
Delta R.T. -0.006 min  
Lab File: BN037602.D  
Acq: 19 Aug 2025 11:52

Tgt Ion:264 Resp: 3954  
Ion Ratio Lower Upper  
264 100  
260 27.2 21.6 32.4  
265 71.8 48.2 72.4

