

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091925\  
 Data File : BN037826.D  
 Acq On : 19 Sep 2025 22:13  
 Operator : RC/JU  
 Sample : Q3127-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D1-20250915

Quant Time: Sep 19 23:51:03 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

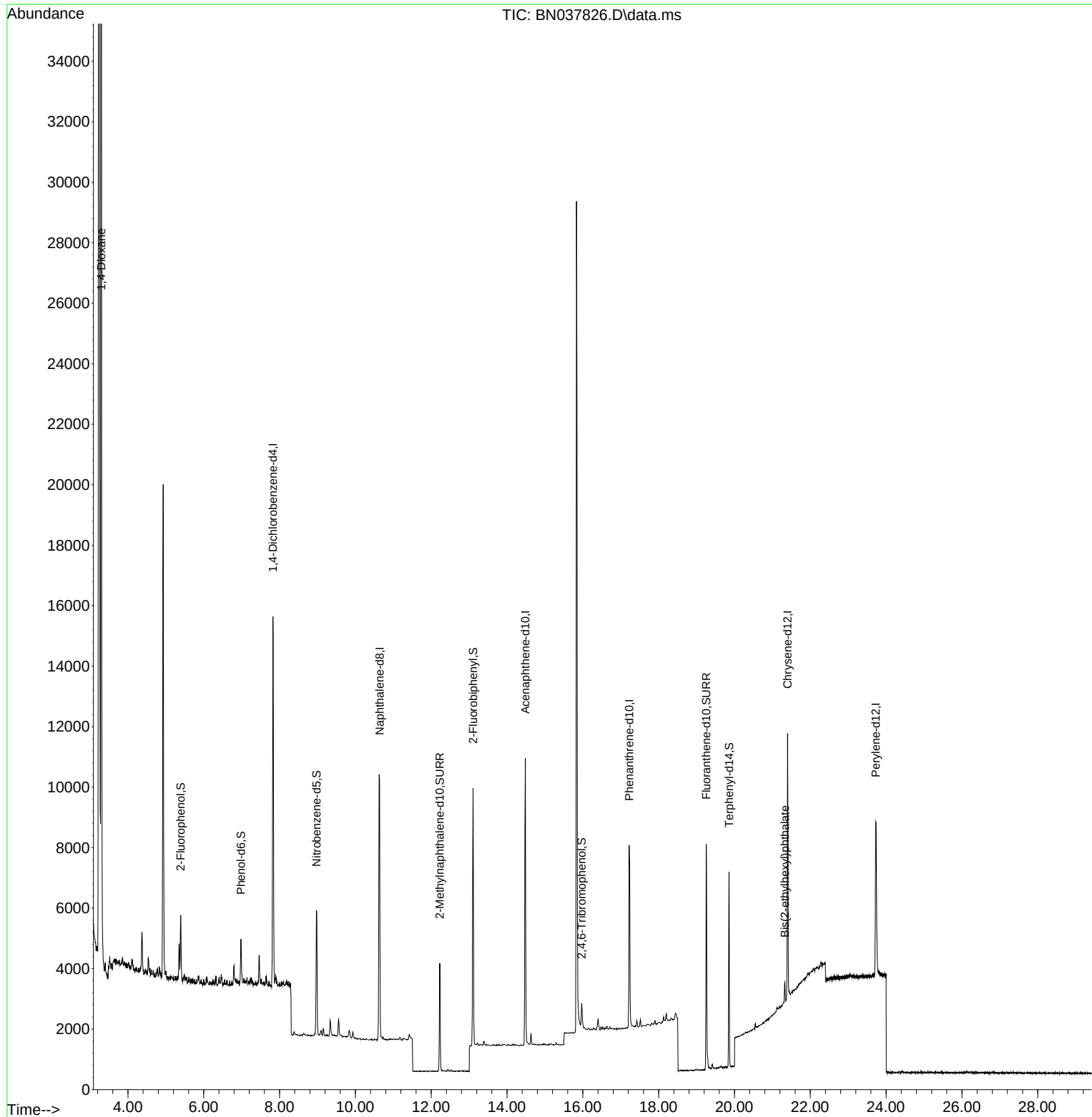
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.826  | 152  | 5595     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.637 | 136  | 12577    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.484 | 164  | 5333     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.223 | 188  | 9207     | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.402 | 240  | 7688     | 0.400 | ng    | #-0.02   |
| 35) Perylene-d12              | 23.730 | 264  | 7581     | 0.400 | ng    | #-0.02   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 1647     | 0.128 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.981  | 99   | 1226     | 0.074 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.971  | 82   | 3547     | 0.386 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.228 | 152  | 4790     | 0.287 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.969 | 330  | 549      | 0.395 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 7120     | 0.319 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.257 | 212  | 8150     | 0.353 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.857 | 244  | 5891     | 0.378 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.297  | 88   | 30879    | 5.299 | ng    | 95       |
| 34) Bis(2-ethylhexyl)phtha... | 21.331 | 149  | 722      | 0.091 | ng    | # 98     |

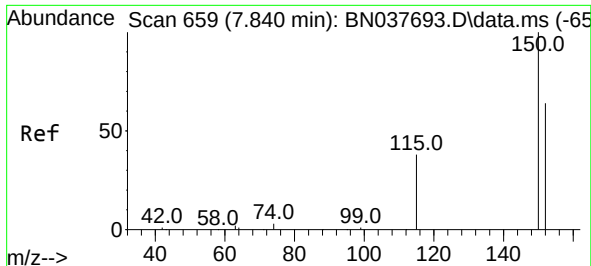
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091925\  
Data File : BN037826.D  
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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
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RE131D1-20250915

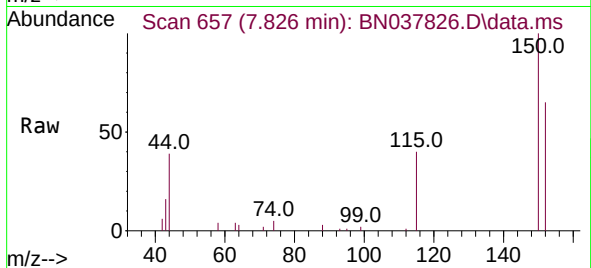
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 14:20:01 2025  
Response via : Initial Calibration



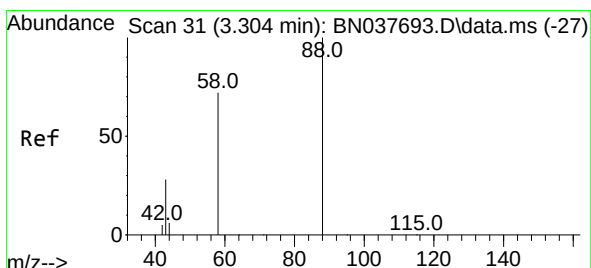
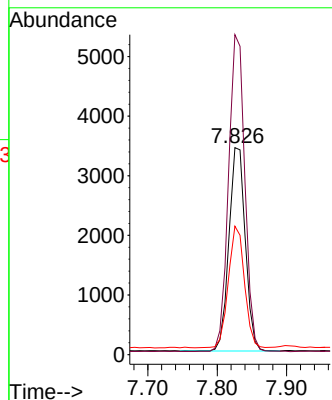
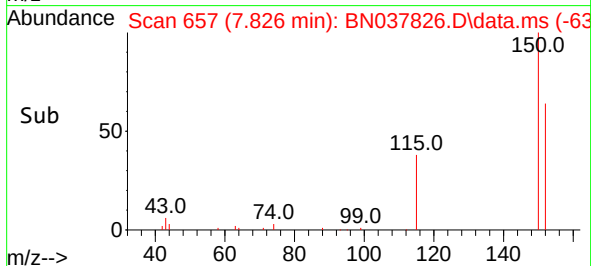


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.826 min Scan# 61  
 Delta R.T. -0.014 min  
 Lab File: BN037826.D  
 Acq: 19 Sep 2025 22:13

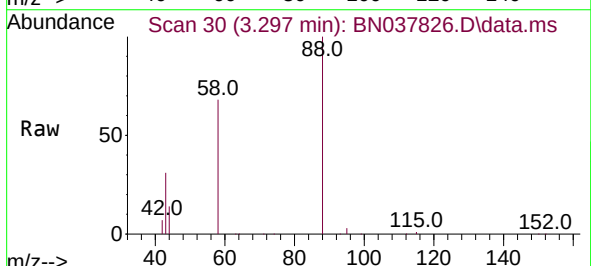
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 RE131D1-20250915



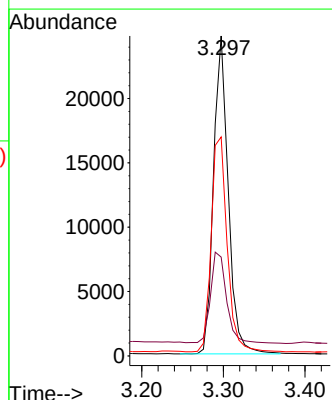
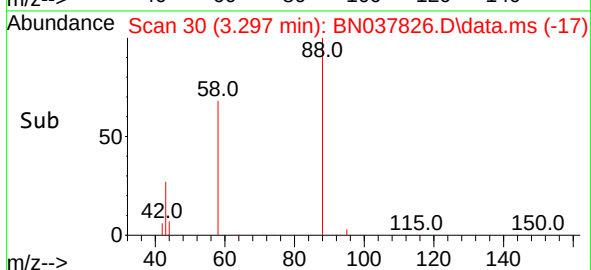
Tgt Ion:152 Resp: 5595  
 Ion Ratio Lower Upper  
 152 100  
 150 154.6 124.5 186.7  
 115 62.1 49.2 73.8

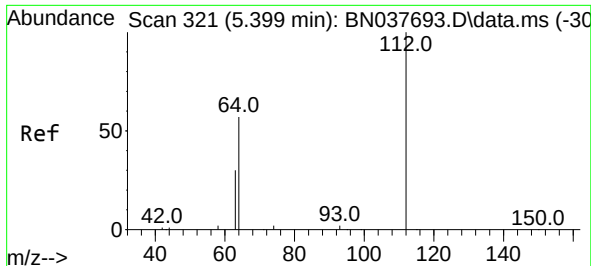


#2  
 1,4-Dioxane  
 Concen: 5.299 ng  
 RT: 3.297 min Scan# 30  
 Delta R.T. -0.007 min  
 Lab File: BN037826.D  
 Acq: 19 Sep 2025 22:13



Tgt Ion: 88 Resp: 30879  
 Ion Ratio Lower Upper  
 88 100  
 43 31.0 26.8 40.2  
 58 73.3 61.9 92.9

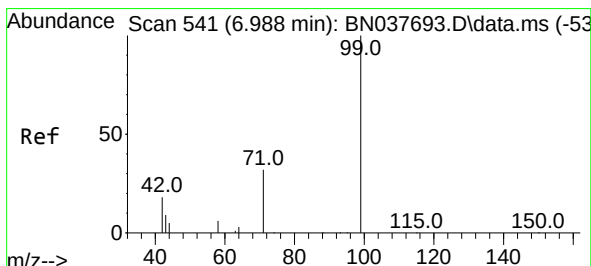
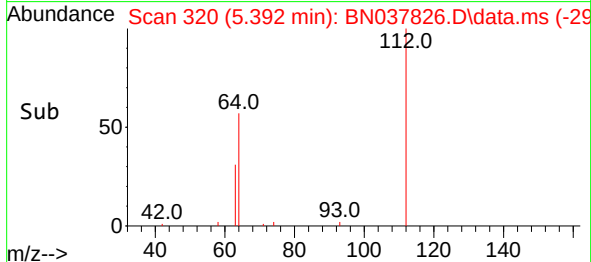
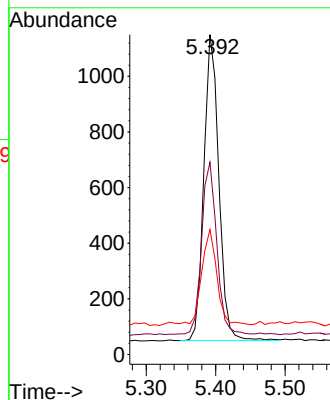
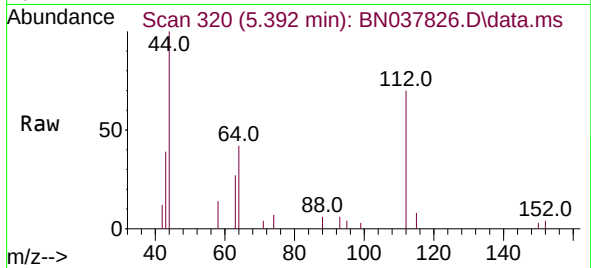




#4  
2-Fluorophenol  
Concen: 0.128 ng  
RT: 5.392 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BN037826.D  
Acq: 19 Sep 2025 22:13

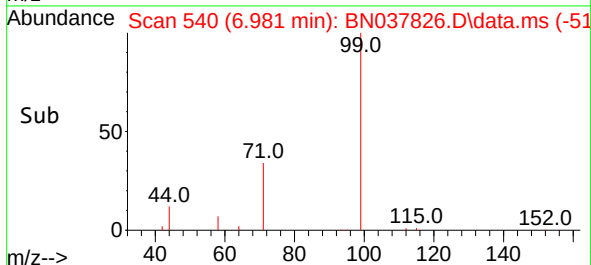
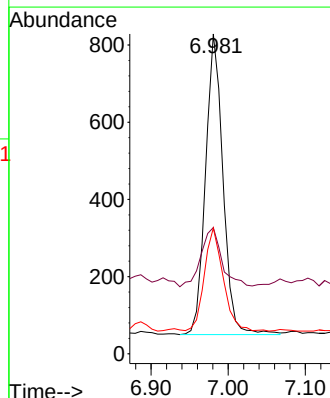
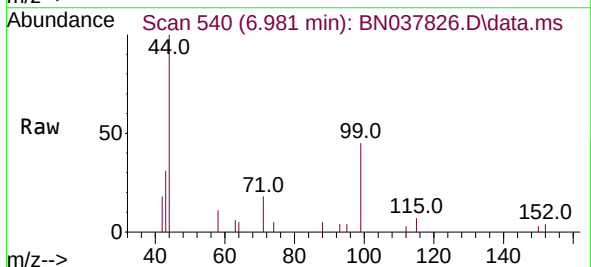
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20250915

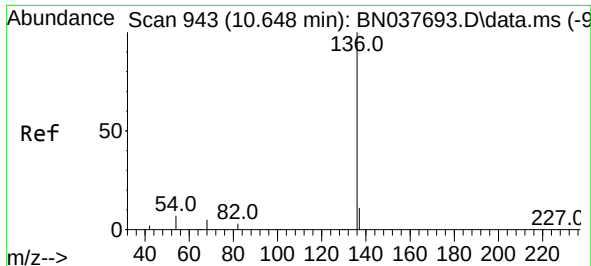
Tgt Ion:112 Resp: 1647  
Ion Ratio Lower Upper  
112 100  
64 56.3 44.9 67.3  
63 31.6 24.7 37.1



#5  
Phenol-d6  
Concen: 0.074 ng  
RT: 6.981 min Scan# 540  
Delta R.T. -0.007 min  
Lab File: BN037826.D  
Acq: 19 Sep 2025 22:13

Tgt Ion: 99 Resp: 1226  
Ion Ratio Lower Upper  
99 100  
42 23.2 16.6 24.8  
71 37.0 26.7 40.1

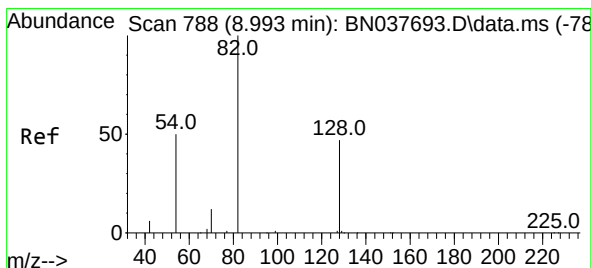
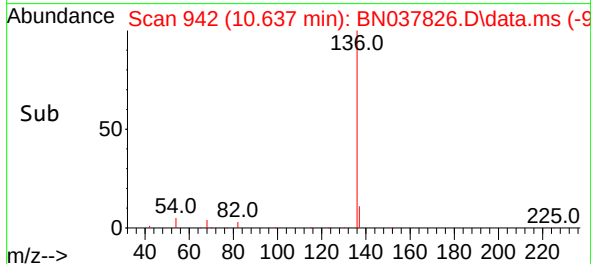
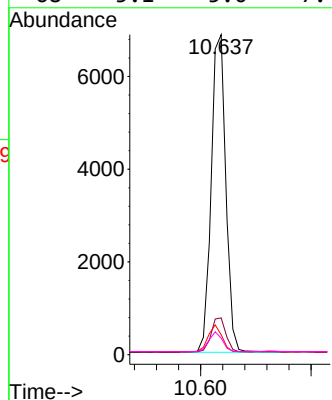
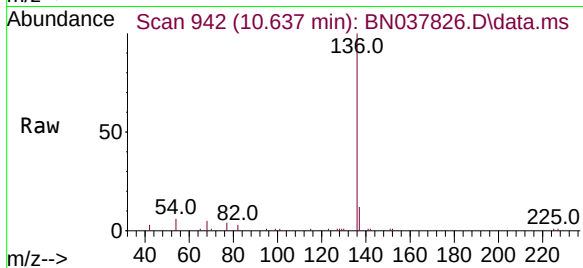




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 94  
Delta R.T. -0.011 min  
Lab File: BN037826.D  
Acq: 19 Sep 2025 22:13

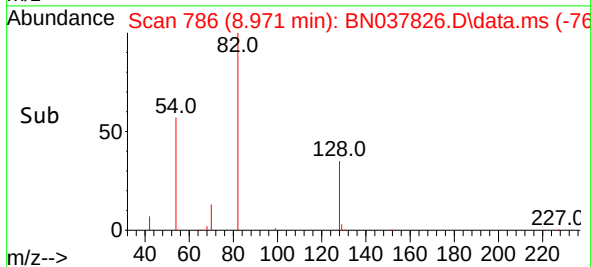
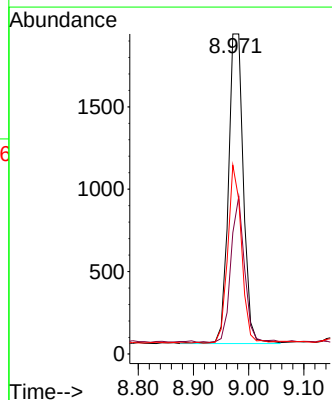
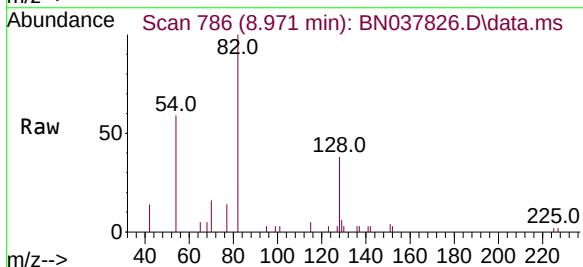
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20250915

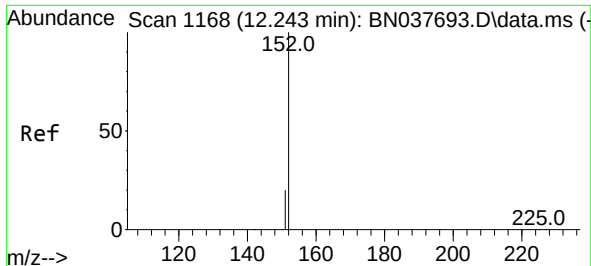
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 12577    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.5  | 9.1 13.7 |
| 54          | 6.2   | 6.3 9.5# |
| 68          | 5.1   | 5.0 7.4  |



#8  
Nitrobenzene-d5  
Concen: 0.386 ng  
RT: 8.971 min Scan# 786  
Delta R.T. -0.021 min  
Lab File: BN037826.D  
Acq: 19 Sep 2025 22:13

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 3547       |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 37.9  | 38.3 57.5# |
| 54          | 59.0  | 41.4 62.2  |

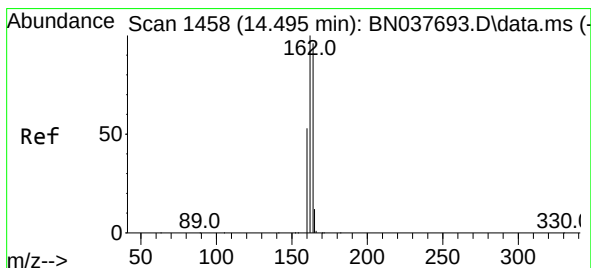
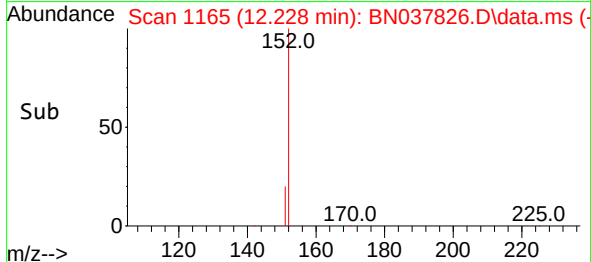
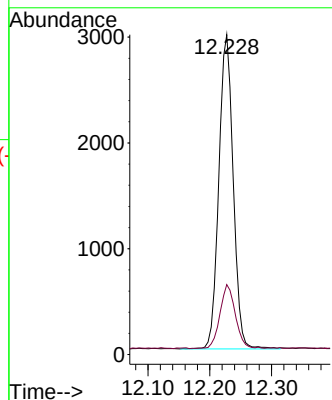
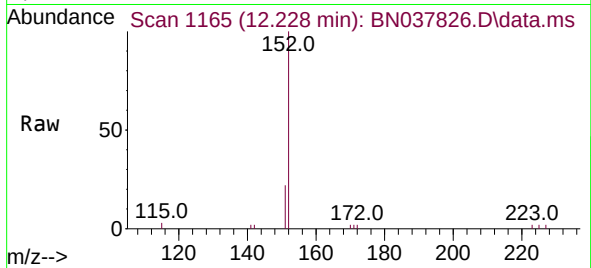




#11  
2-Methylnaphthalene-d10  
Concen: 0.287 ng  
RT: 12.228 min Scan# 1165  
Delta R.T. -0.015 min  
Lab File: BN037826.D  
Acq: 19 Sep 2025 22:13

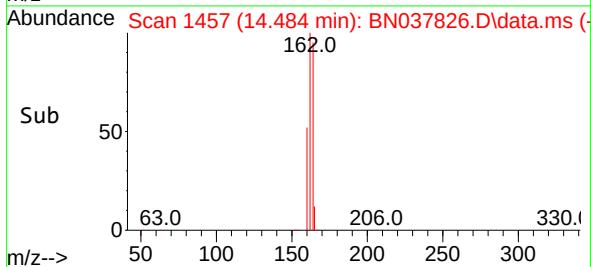
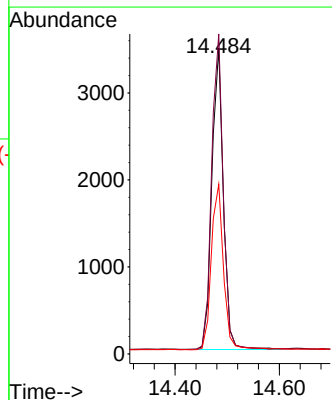
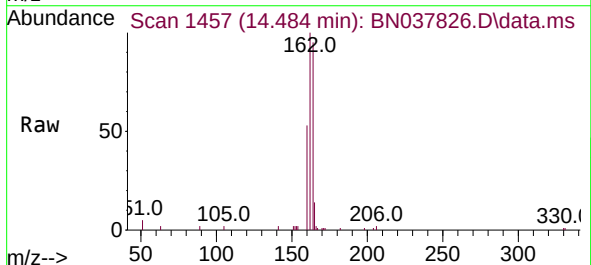
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20250915

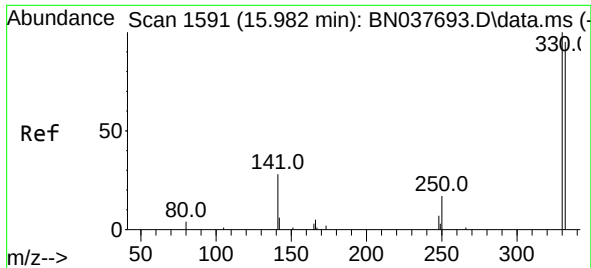
Tgt Ion:152 Resp: 4790  
Ion Ratio Lower Upper  
152 100  
151 21.8 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.484 min Scan# 1457  
Delta R.T. -0.011 min  
Lab File: BN037826.D  
Acq: 19 Sep 2025 22:13

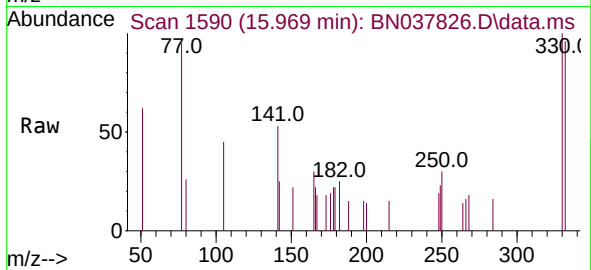
Tgt Ion:164 Resp: 5333  
Ion Ratio Lower Upper  
164 100  
162 104.8 83.1 124.7  
160 55.6 44.3 66.5



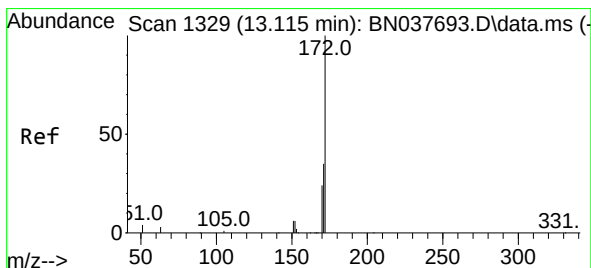
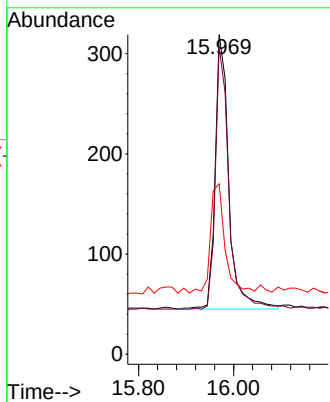
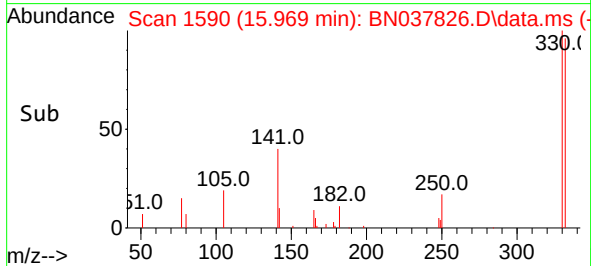


#14  
 2,4,6-Tribromophenol  
 Concen: 0.395 ng  
 RT: 15.969 min Scan# 1590  
 Delta R.T. -0.013 min  
 Lab File: BN037826.D  
 Acq: 19 Sep 2025 22:13

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D1-20250915

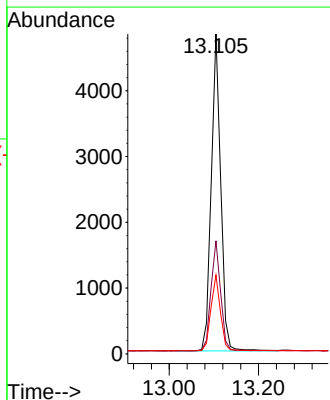
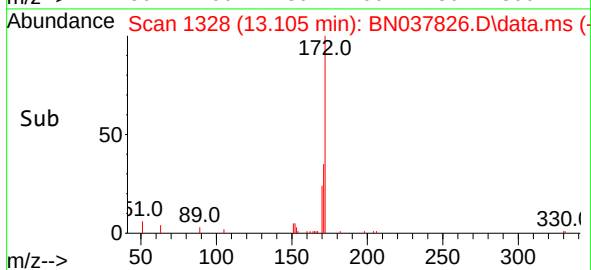
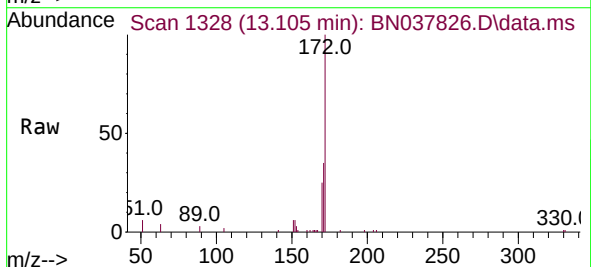


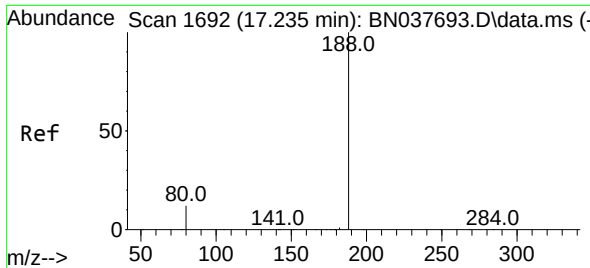
Tgt Ion:330 Resp: 549  
 Ion Ratio Lower Upper  
 330 100  
 332 94.4 75.3 112.9  
 141 41.9 35.0 52.4



#15  
 2-Fluorobiphenyl  
 Concen: 0.319 ng  
 RT: 13.105 min Scan# 1328  
 Delta R.T. -0.011 min  
 Lab File: BN037826.D  
 Acq: 19 Sep 2025 22:13

Tgt Ion:172 Resp: 7120  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 28.6 43.0  
 170 24.6 19.8 29.8

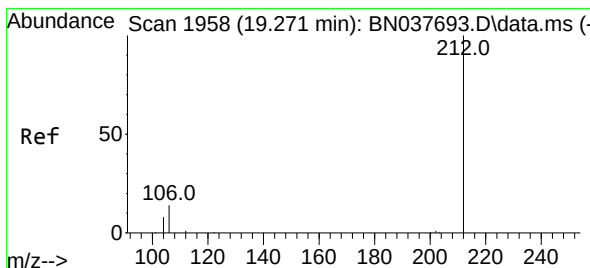
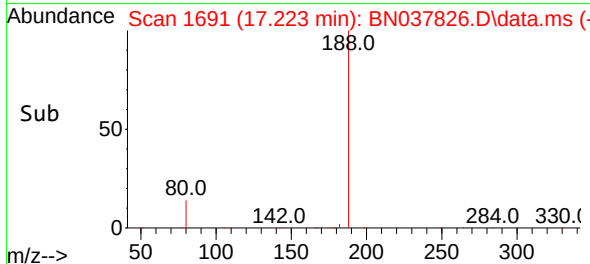
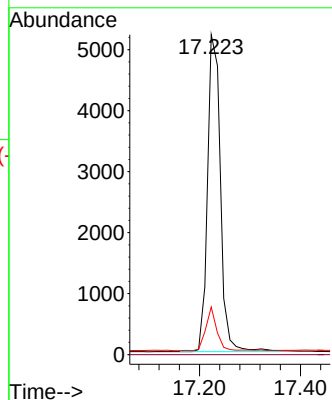
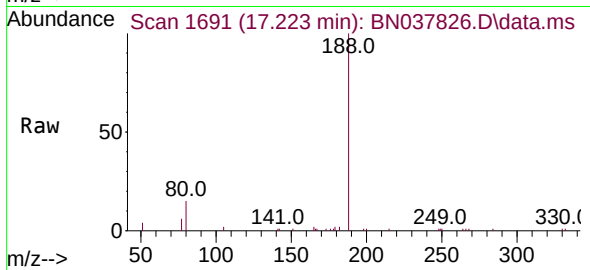




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.223 min Scan# 1691  
Delta R.T. -0.012 min  
Lab File: BN037826.D  
Acq: 19 Sep 2025 22:13

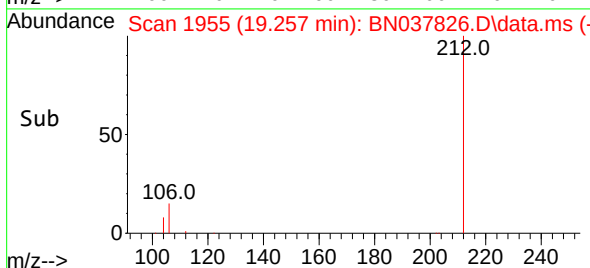
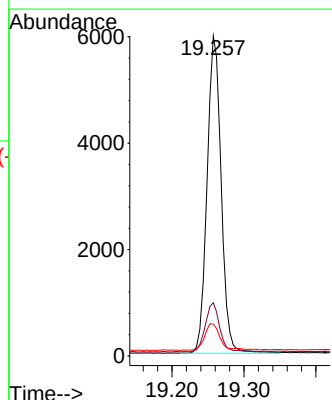
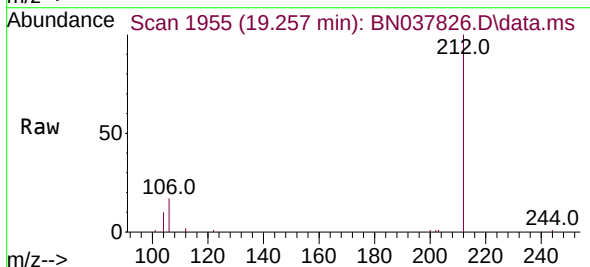
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20250915

Tgt Ion:188 Resp: 9207  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.9 10.6 15.8

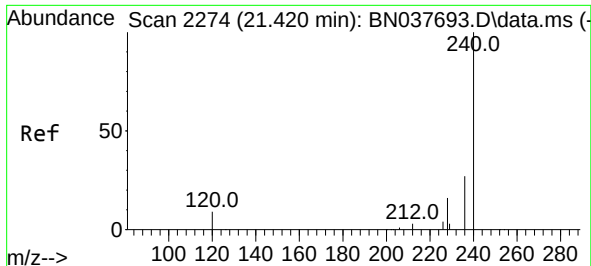


#27  
Fluoranthene-d10  
Concen: 0.353 ng  
RT: 19.257 min Scan# 1955  
Delta R.T. -0.014 min  
Lab File: BN037826.D  
Acq: 19 Sep 2025 22:13

Tgt Ion:212 Resp: 8150  
Ion Ratio Lower Upper  
212 100  
106 15.5 12.2 18.2  
104 9.4 6.9 10.3



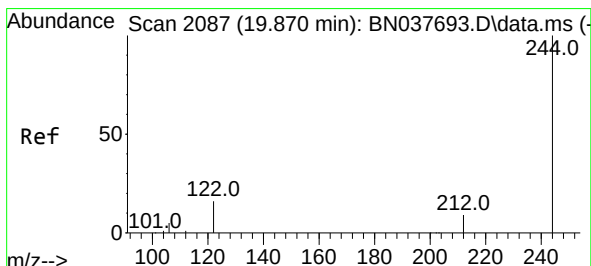
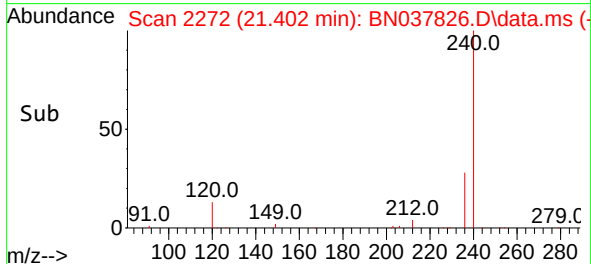
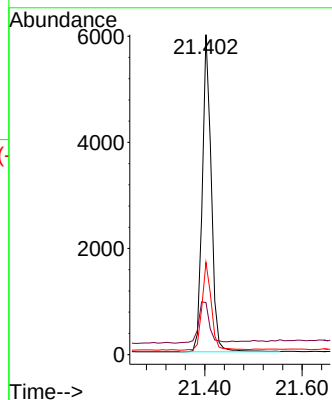
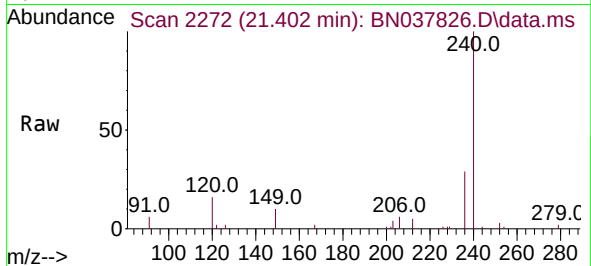




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.402 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BN037826.D  
Acq: 19 Sep 2025 22:13

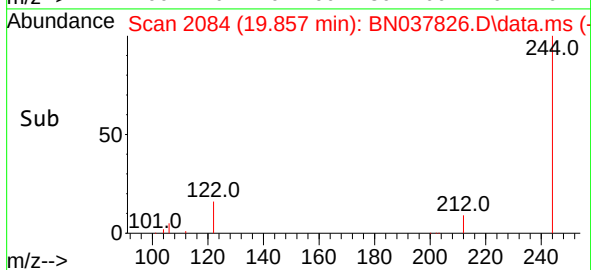
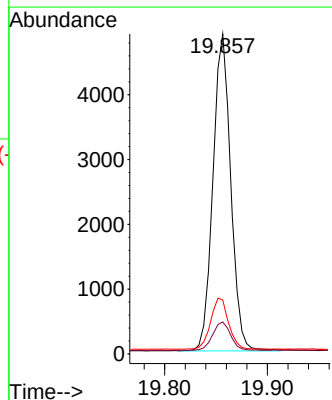
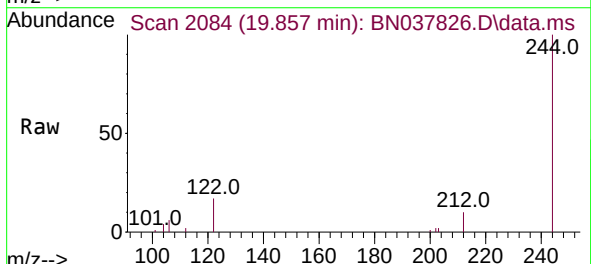
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20250915

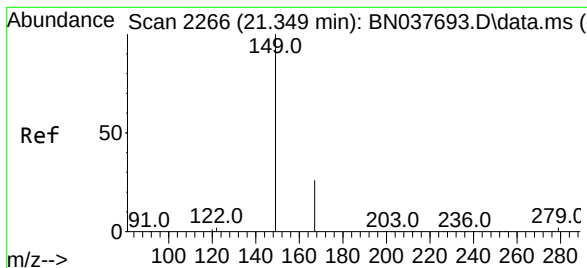
Tgt Ion:240 Resp: 7688  
Ion Ratio Lower Upper  
240 100  
120 16.3 9.2 13.8#  
236 28.8 22.6 33.8



#31  
Terphenyl-d14  
Concen: 0.378 ng  
RT: 19.857 min Scan# 2084  
Delta R.T. -0.014 min  
Lab File: BN037826.D  
Acq: 19 Sep 2025 22:13

Tgt Ion:244 Resp: 5891  
Ion Ratio Lower Upper  
244 100  
212 10.0 7.5 11.3  
122 16.8 13.2 19.8

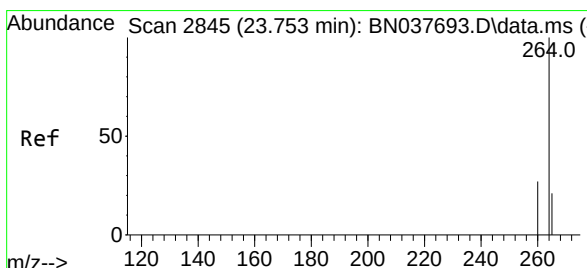
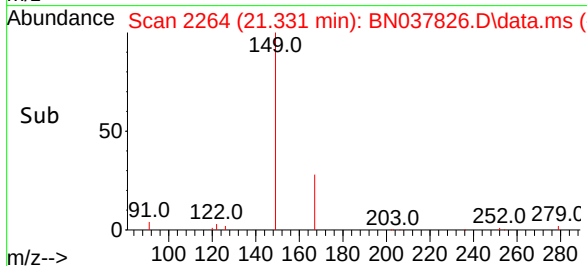
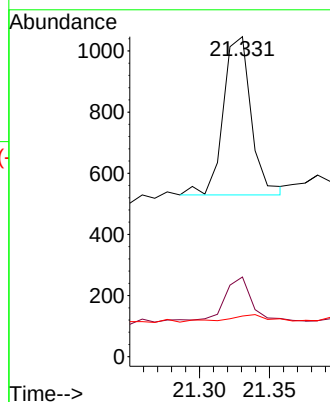
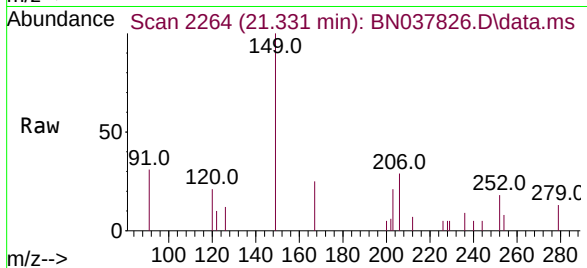




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.091 ng  
 RT: 21.331 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BN037826.D  
 Acq: 19 Sep 2025 22:13

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D1-20250915

Tgt Ion:149 Resp: 722  
 Ion Ratio Lower Upper  
 149 100  
 167 26.3 20.8 31.2  
 279 7.3 3.3 4.9#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.730 min Scan# 2837  
 Delta R.T. -0.023 min  
 Lab File: BN037826.D  
 Acq: 19 Sep 2025 22:13

Tgt Ion:264 Resp: 7581  
 Ion Ratio Lower Upper  
 264 100  
 260 27.4 21.8 32.8  
 265 89.8 39.4 59.2#

