

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091825\  
 Data File : BN037799.D  
 Acq On : 19 Sep 2025 05:13  
 Operator : RC/JU  
 Sample : Q3095-31  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT180D-20250911

Quant Time: Sep 19 07:42:41 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

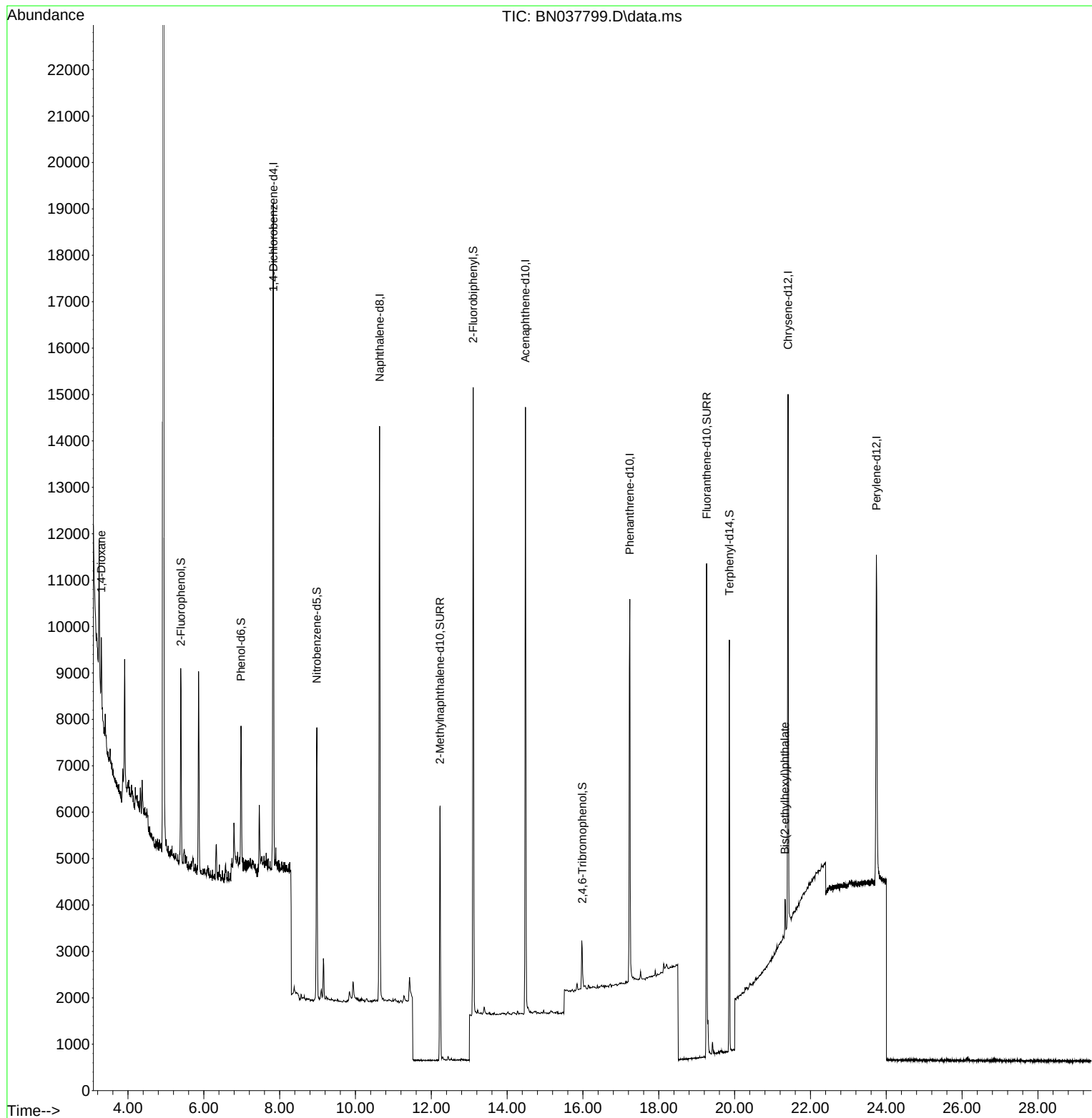
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 6964     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 16642    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.484 | 164  | 7189     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.235 | 188  | 12481    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.411 | 240  | 10625    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.741 | 264  | 10338    | 0.400 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 3349     | 0.209 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.980  | 99   | 2838     | 0.137 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.982  | 82   | 4713     | 0.387 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.227 | 152  | 7550     | 0.342 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.982 | 330  | 752      | 0.401 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 11713    | 0.390 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.262 | 212  | 11399    | 0.364 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.861 | 244  | 8383     | 0.389 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.297  | 88   | 788      | 0.109 | ng    | # 32     |
| 34) Bis(2-ethylhexyl)phtha... | 21.331 | 149  | 816      | 0.074 | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

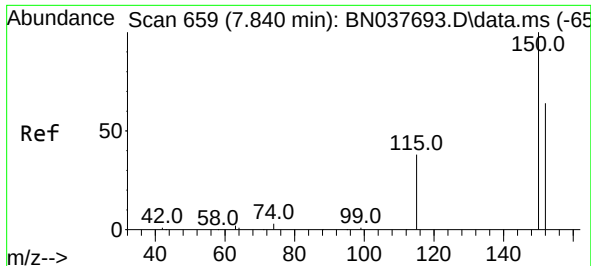
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091825\  
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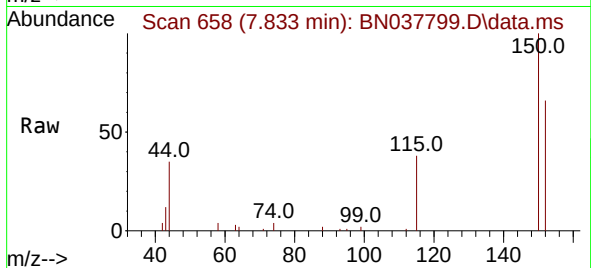
Quant Time: Sep 19 07:42:41 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 14:20:01 2025  
Response via : Initial Calibration



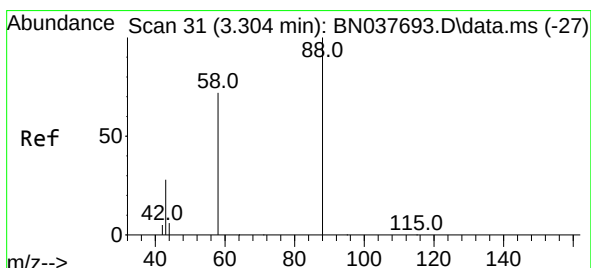
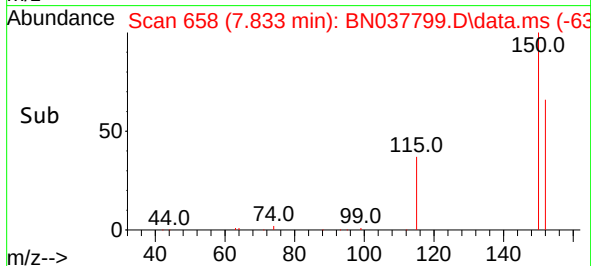
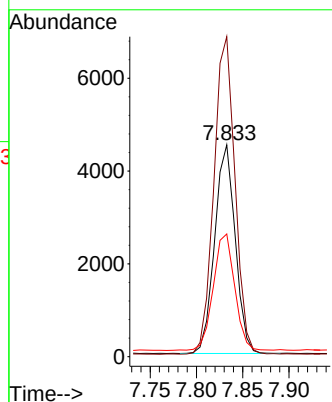


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.833 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN037799.D  
 Acq: 19 Sep 2025 05:13

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT180D-20250911

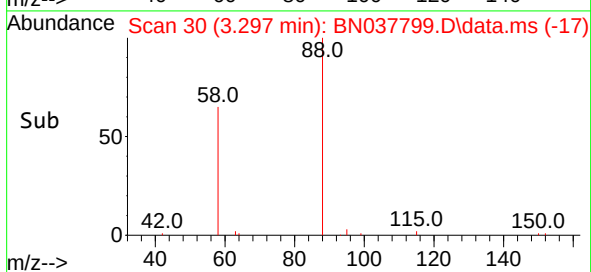
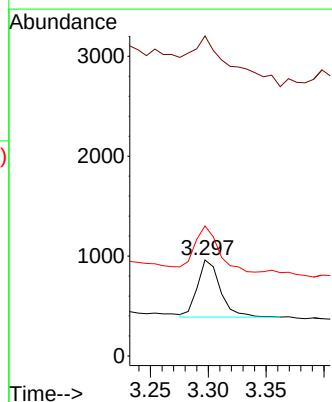
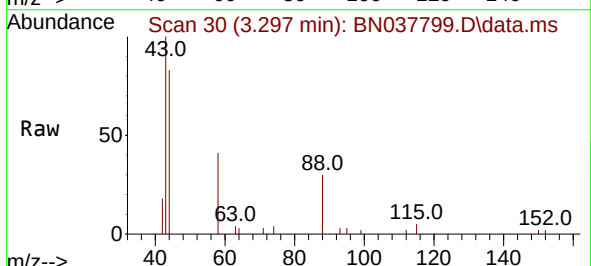


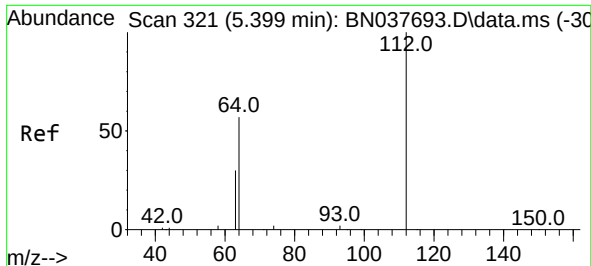
Tgt Ion:152 Resp: 6964  
 Ion Ratio Lower Upper  
 152 100  
 150 151.1 124.5 186.7  
 115 57.9 49.2 73.8



#2  
 1,4-Dioxane  
 Concen: 0.109 ng  
 RT: 3.297 min Scan# 30  
 Delta R.T. -0.007 min  
 Lab File: BN037799.D  
 Acq: 19 Sep 2025 05:13

Tgt Ion: 88 Resp: 788  
 Ion Ratio Lower Upper  
 88 100  
 43 153.0 26.8 40.2#  
 58 83.1 61.9 92.9

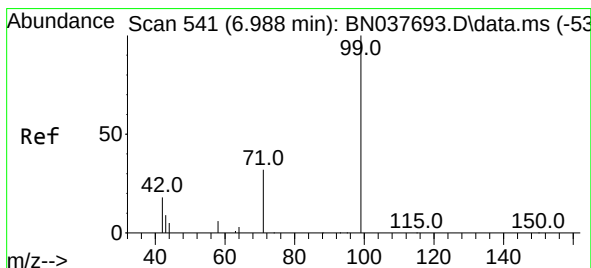
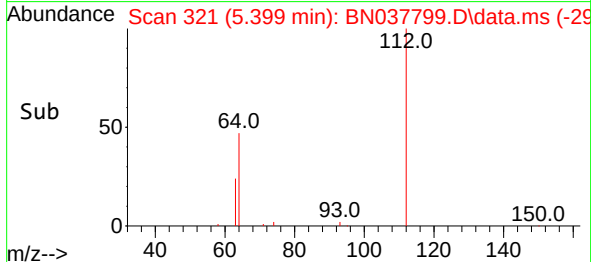
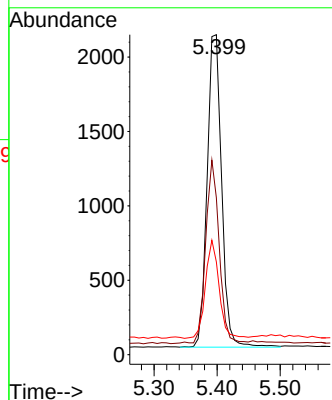
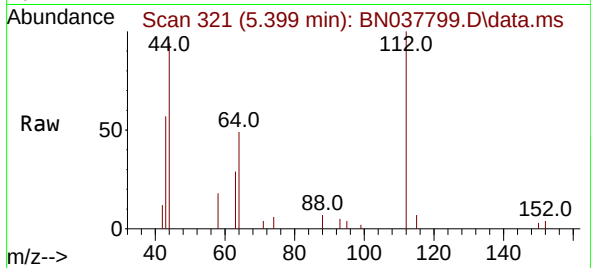




#4  
2-Fluorophenol  
Concen: 0.209 ng  
RT: 5.399 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BN037799.D  
Acq: 19 Sep 2025 05:13

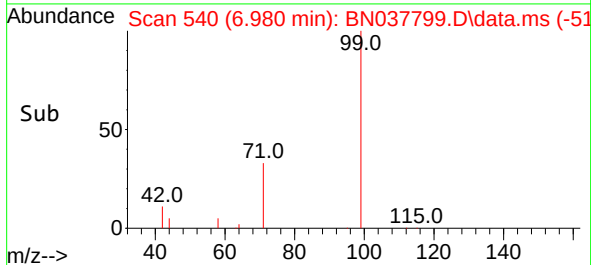
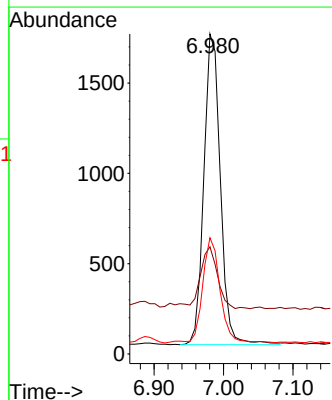
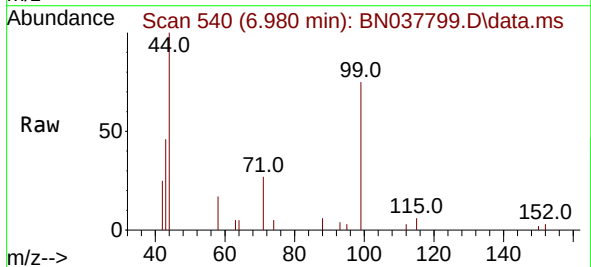
Instrument :  
BNA\_N  
ClientSampleId :  
TT180D-20250911

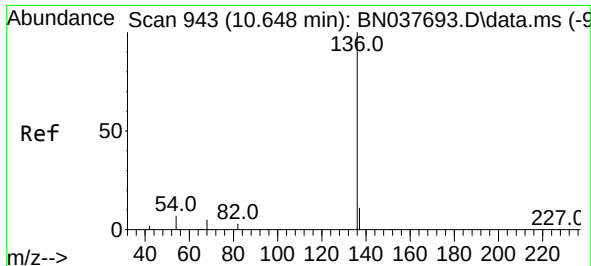
Tgt Ion:112 Resp: 3349  
Ion Ratio Lower Upper  
112 100  
64 54.8 44.9 67.3  
63 29.7 24.7 37.1



#5  
Phenol-d6  
Concen: 0.137 ng  
RT: 6.980 min Scan# 540  
Delta R.T. -0.007 min  
Lab File: BN037799.D  
Acq: 19 Sep 2025 05:13

Tgt Ion: 99 Resp: 2838  
Ion Ratio Lower Upper  
99 100  
42 20.5 16.6 24.8  
71 36.2 26.7 40.1

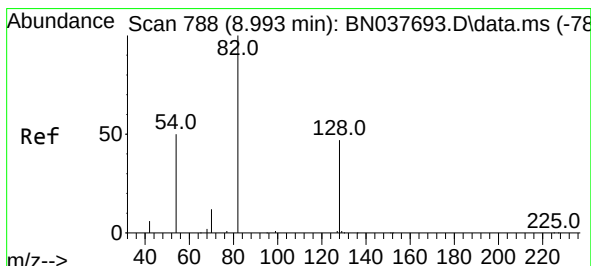
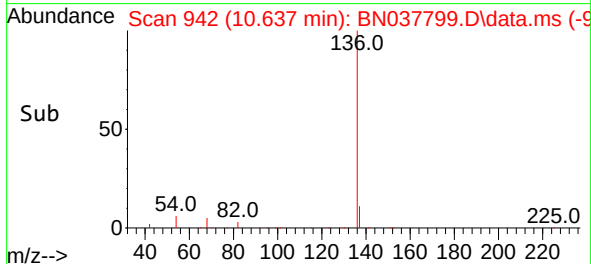
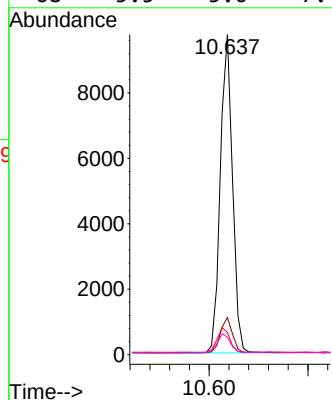
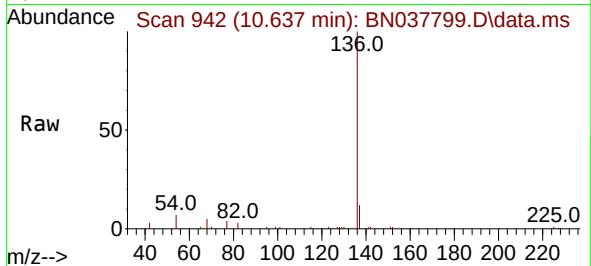




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 94  
Delta R.T. -0.011 min  
Lab File: BN037799.D  
Acq: 19 Sep 2025 05:13

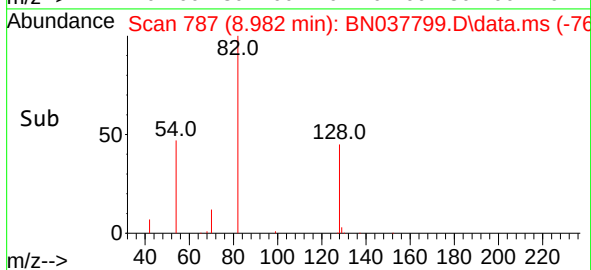
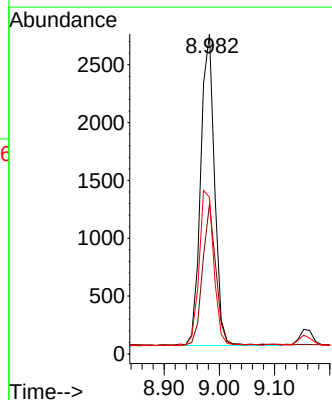
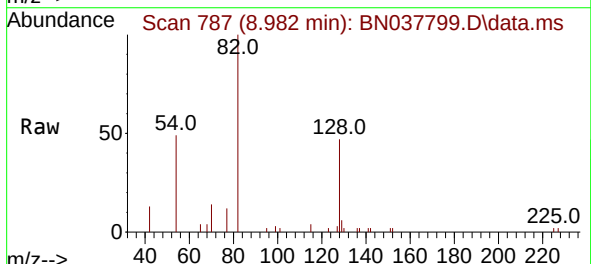
Instrument :  
BNA\_N  
ClientSampleId :  
TT180D-20250911

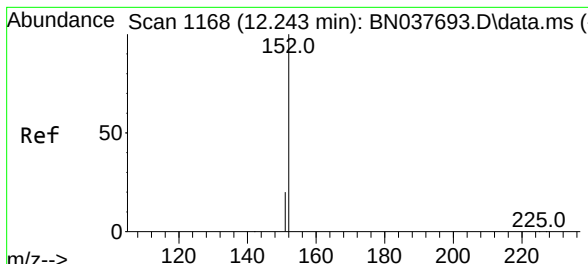
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 16642 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.6  | 9.1   | 13.7  |
| 54        | 6.9   | 6.3   | 9.5   |
| 68        | 5.5   | 5.0   | 7.4   |



#8  
Nitrobenzene-d5  
Concen: 0.387 ng  
RT: 8.982 min Scan# 787  
Delta R.T. -0.011 min  
Lab File: BN037799.D  
Acq: 19 Sep 2025 05:13

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 4713 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 46.8  | 38.3  | 57.5 |
| 54        | 48.9  | 41.4  | 62.2 |

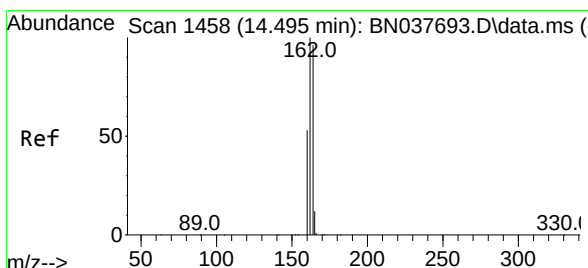
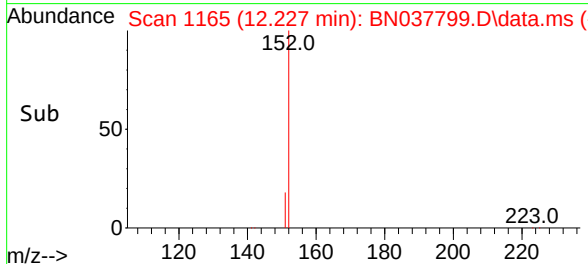
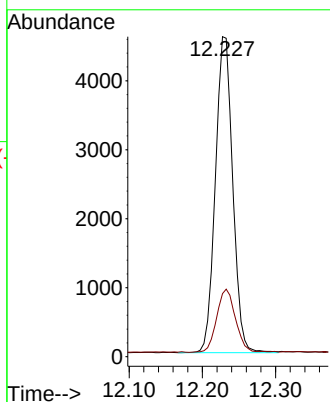
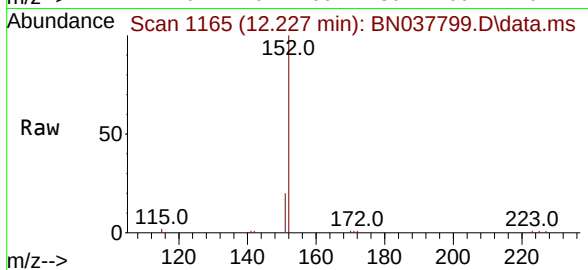




#11  
2-Methylnaphthalene-d10  
Concen: 0.342 ng  
RT: 12.227 min Scan# 1165  
Delta R.T. -0.015 min  
Lab File: BN037799.D  
Acq: 19 Sep 2025 05:13

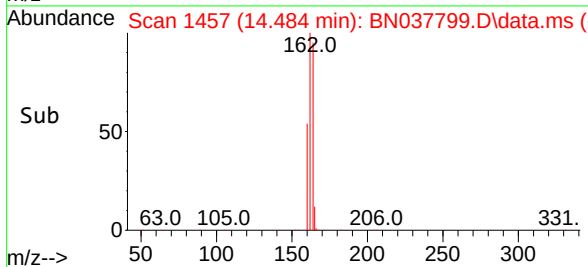
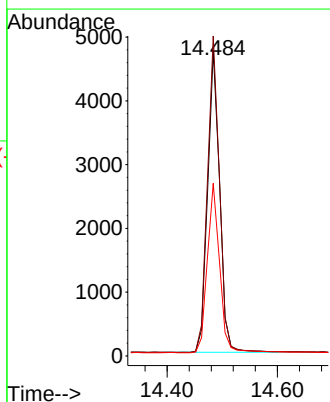
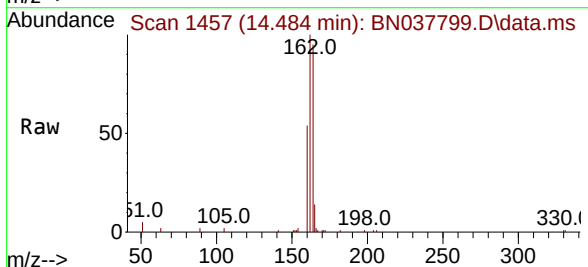
Instrument :  
BNA\_N  
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TT180D-20250911

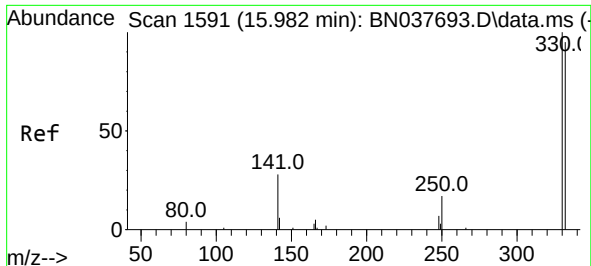
Tgt Ion:152 Resp: 7550  
Ion Ratio Lower Upper  
152 100  
151 21.6 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.484 min Scan# 1457  
Delta R.T. -0.011 min  
Lab File: BN037799.D  
Acq: 19 Sep 2025 05:13

Tgt Ion:164 Resp: 7189  
Ion Ratio Lower Upper  
164 100  
162 104.8 83.1 124.7  
160 56.5 44.3 66.5

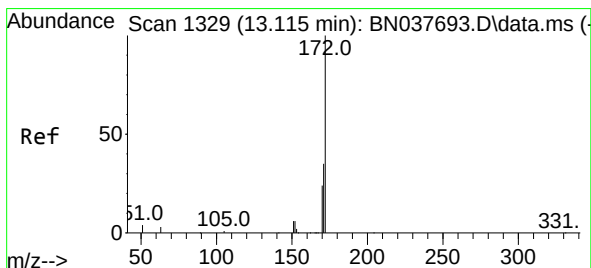
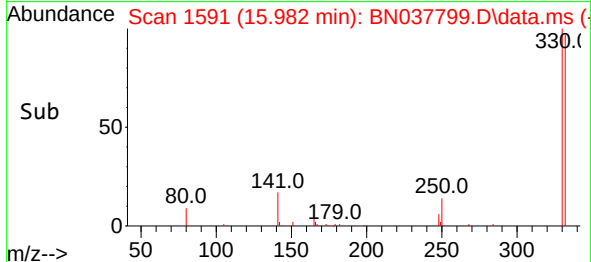
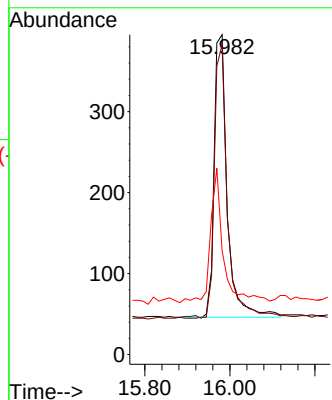
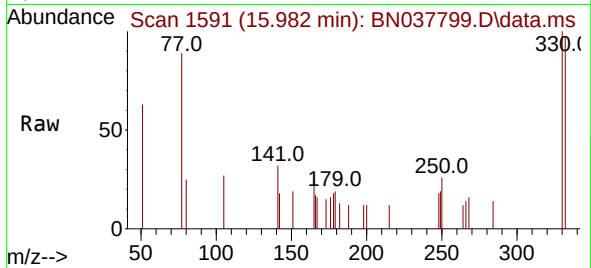




#14  
2,4,6-Tribromophenol  
Concen: 0.401 ng  
RT: 15.982 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN037799.D  
Acq: 19 Sep 2025 05:13

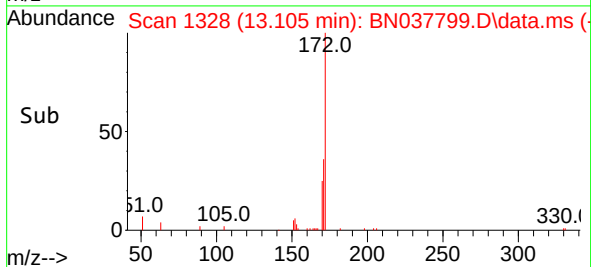
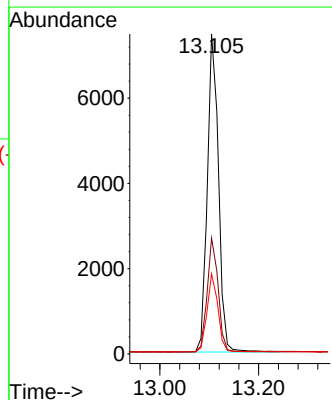
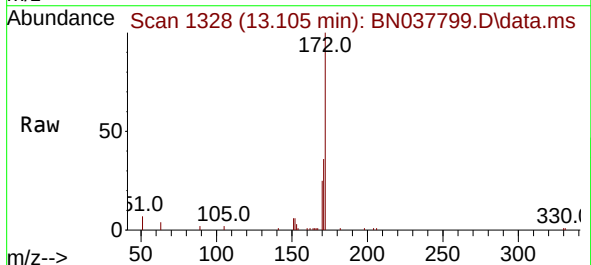
Instrument :  
BNA\_N  
ClientSampleId :  
TT180D-20250911

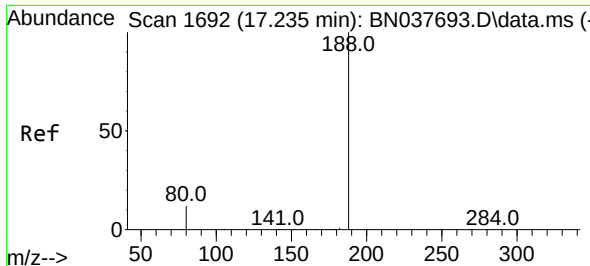
Tgt Ion:330 Resp: 752  
Ion Ratio Lower Upper  
330 100  
332 95.1 75.3 112.9  
141 46.9 35.0 52.4



#15  
2-Fluorobiphenyl  
Concen: 0.390 ng  
RT: 13.105 min Scan# 1328  
Delta R.T. -0.011 min  
Lab File: BN037799.D  
Acq: 19 Sep 2025 05:13

Tgt Ion:172 Resp: 11713  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.6 43.0  
170 25.0 19.8 29.8

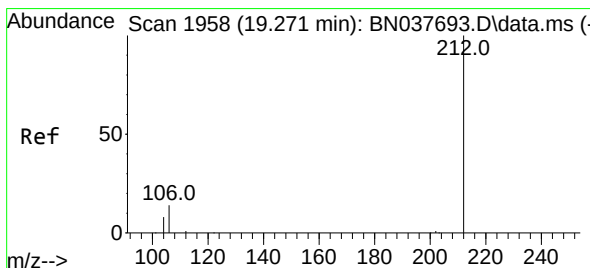
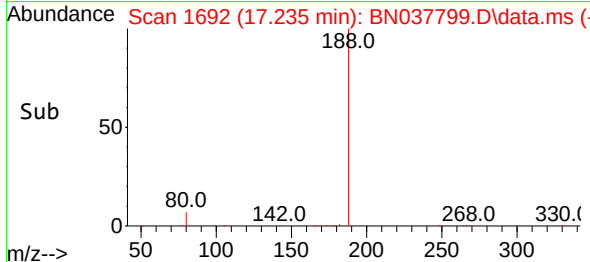
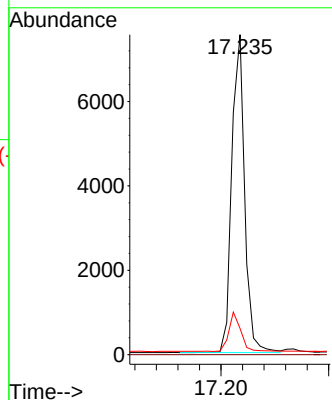
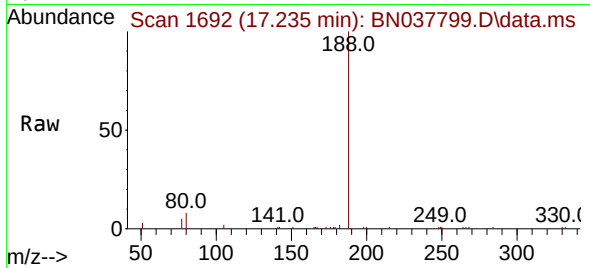




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.235 min Scan# 1692  
Delta R.T. -0.000 min  
Lab File: BN037799.D  
Acq: 19 Sep 2025 05:13

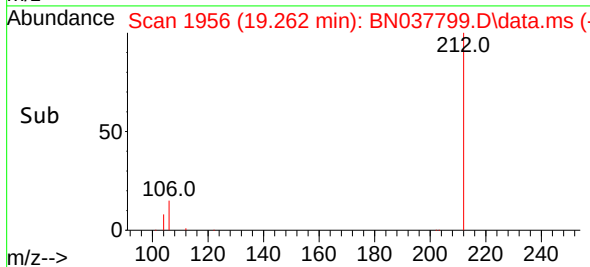
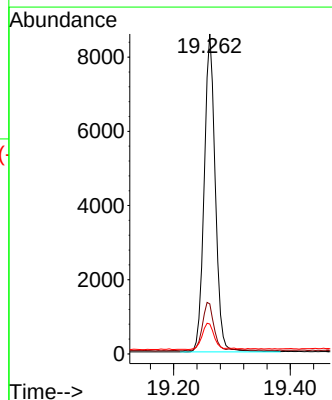
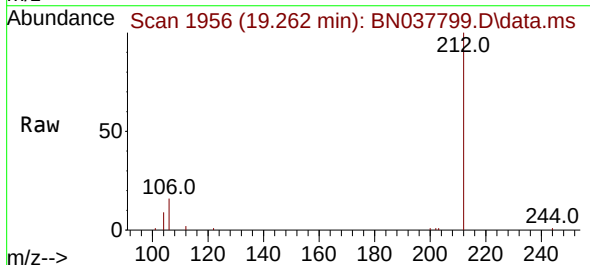
Instrument :  
BNA\_N  
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TT180D-20250911

Tgt Ion:188 Resp: 12481  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.2 10.6 15.8#

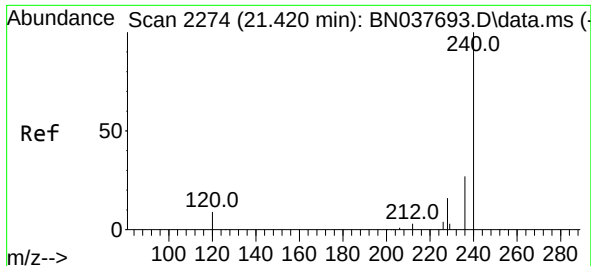


#27  
Fluoranthene-d10  
Concen: 0.364 ng  
RT: 19.262 min Scan# 1956  
Delta R.T. -0.009 min  
Lab File: BN037799.D  
Acq: 19 Sep 2025 05:13

Tgt Ion:212 Resp: 11399  
Ion Ratio Lower Upper  
212 100  
106 16.2 12.2 18.2  
104 8.9 6.9 10.3



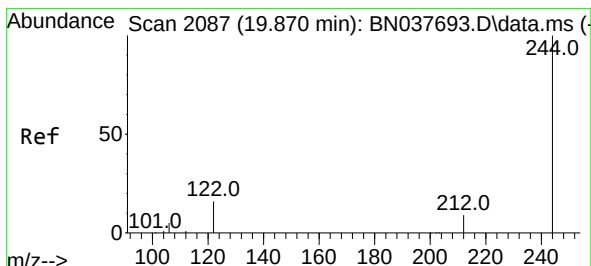
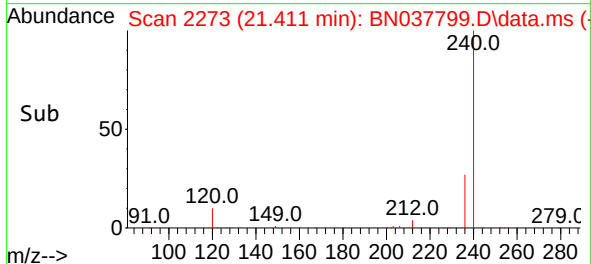
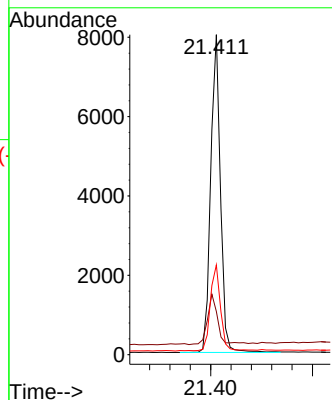
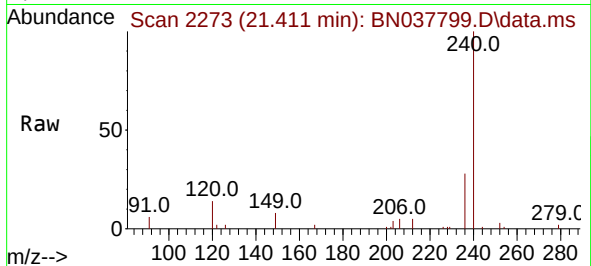




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.411 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN037799.D  
Acq: 19 Sep 2025 05:13

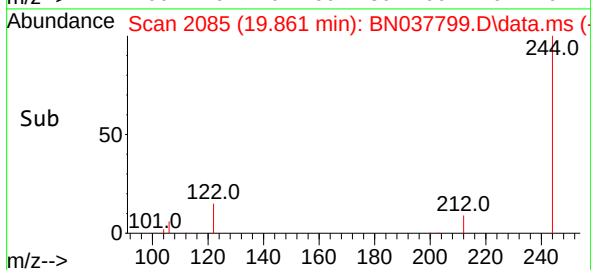
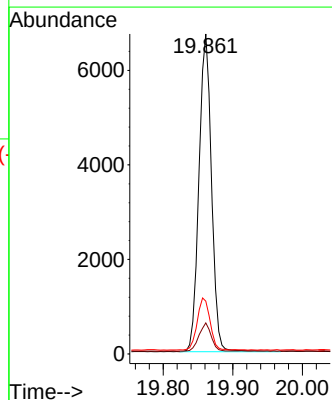
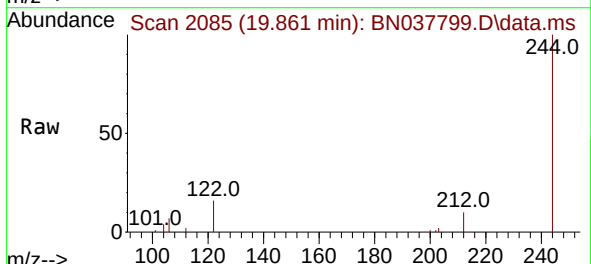
Instrument :  
BNA\_N  
ClientSampleId :  
TT180D-20250911

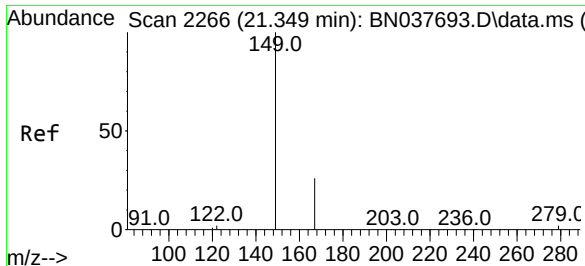
Tgt Ion:240 Resp: 10625  
Ion Ratio Lower Upper  
240 100  
120 13.5 9.2 13.8  
236 28.1 22.6 33.8



#31  
Terphenyl-d14  
Concen: 0.389 ng  
RT: 19.861 min Scan# 2085  
Delta R.T. -0.009 min  
Lab File: BN037799.D  
Acq: 19 Sep 2025 05:13

Tgt Ion:244 Resp: 8383  
Ion Ratio Lower Upper  
244 100  
212 9.7 7.5 11.3  
122 16.5 13.2 19.8

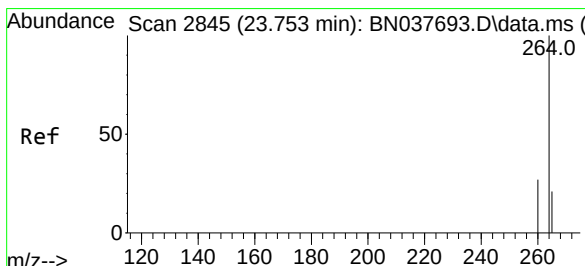
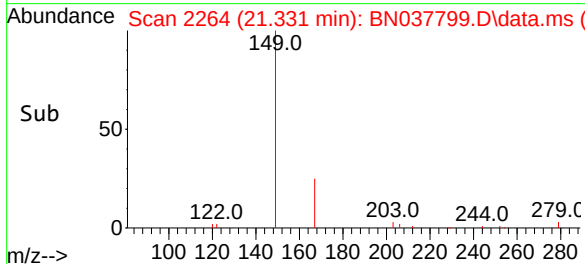
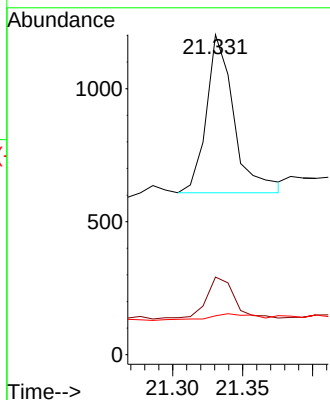
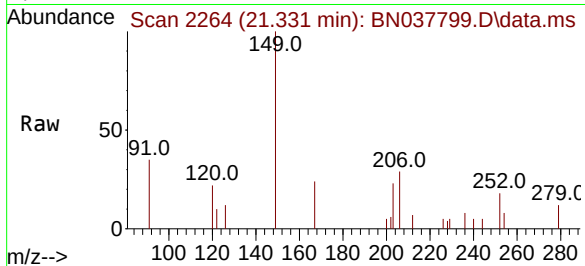




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.074 ng  
 RT: 21.331 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BN037799.D  
 Acq: 19 Sep 2025 05:13

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT180D-20250911

Tgt Ion:149 Resp: 816  
 Ion Ratio Lower Upper  
 149 100  
 167 27.8 20.8 31.2  
 279 7.0 3.3 4.9#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.741 min Scan# 2841  
 Delta R.T. -0.012 min  
 Lab File: BN037799.D  
 Acq: 19 Sep 2025 05:13

Tgt Ion:264 Resp: 10338  
 Ion Ratio Lower Upper  
 264 100  
 260 26.5 21.8 32.8  
 265 80.2 39.4 59.2#

