

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
 Data File : BN037249.D  
 Acq On : 14 Jun 2025 05:21  
 Operator : RC/JU  
 Sample : Q2299-06  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT191D2-20250609

Quant Time: Jun 14 05:57:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 13 18:43:34 2025  
 Response via : Initial Calibration

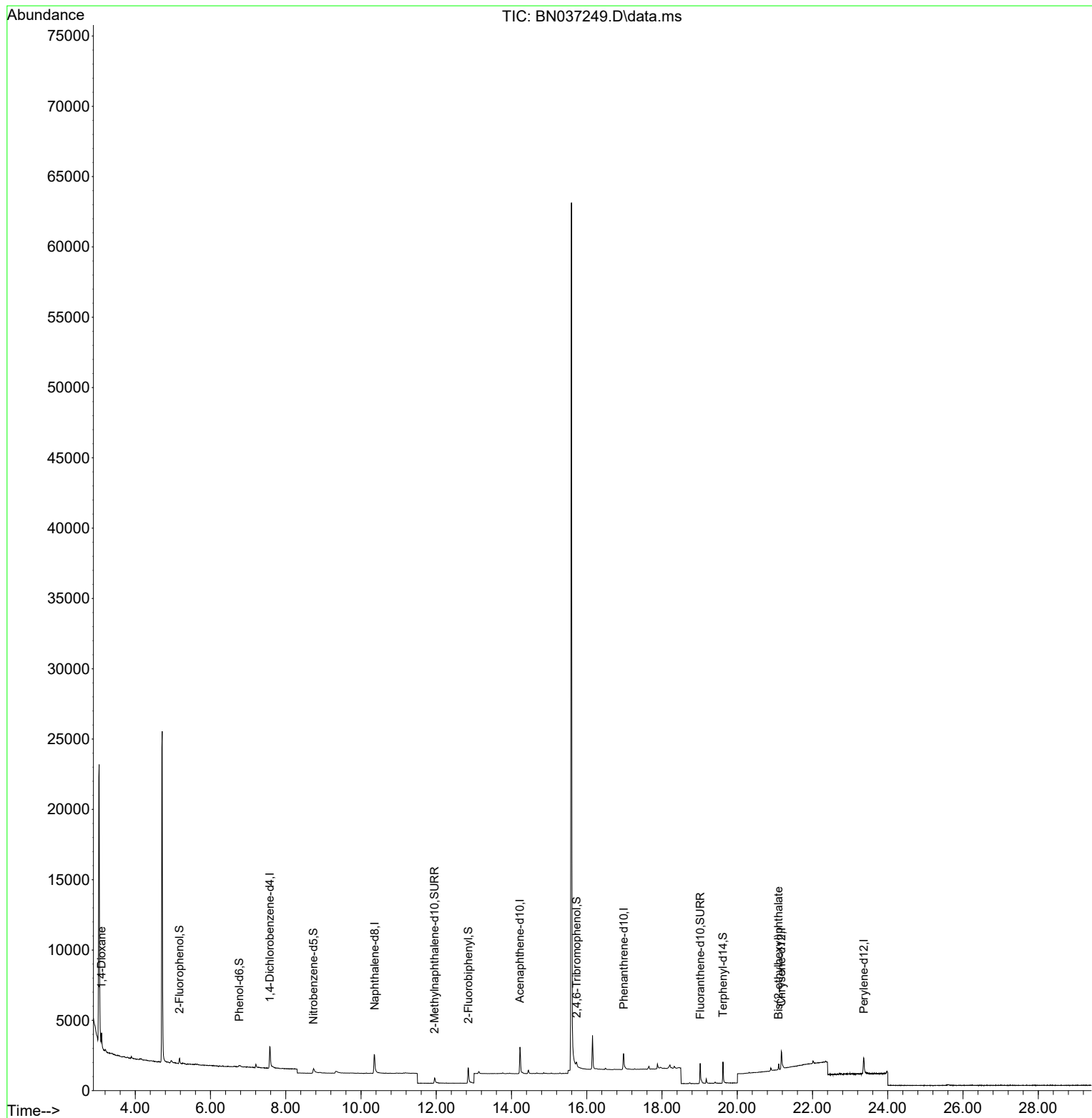
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.575  | 152  | 966      | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.362 | 136  | 2320     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.224 | 164  | 1237     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.984 | 188  | 2179     | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12              | 21.171 | 240  | 1692     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.363 | 264  | 1750     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.177  | 112  | 274      | 0.115 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.766  | 99   | 142      | 0.057 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.739  | 82   | 523      | 0.228 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 11.955 | 152  | 763      | 0.245 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.730 | 330  | 162      | 0.315 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.853 | 172  | 1316     | 0.253 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.017 | 212  | 1914     | 0.336 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.621 | 244  | 1705     | 0.446 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.104  | 88   | 485      | 0.366 | ng    | # 68     |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149  | 356      | 0.084 | ng    | # 92     |
| -----                         |        |      |          |       |       |          |

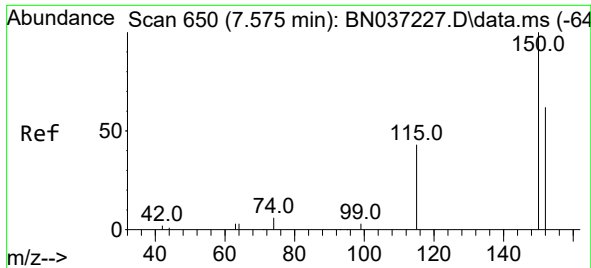
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TT191D2-20250609

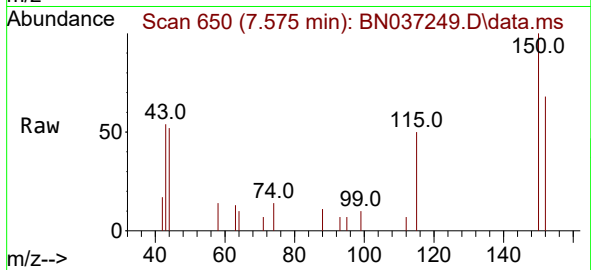
Quant Time: Jun 14 05:57:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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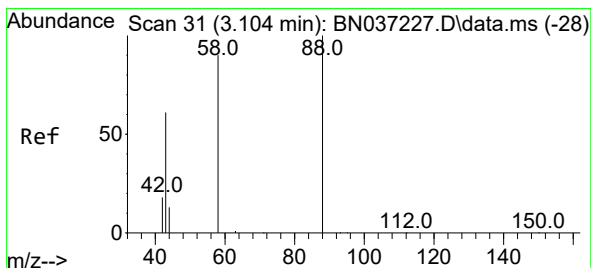
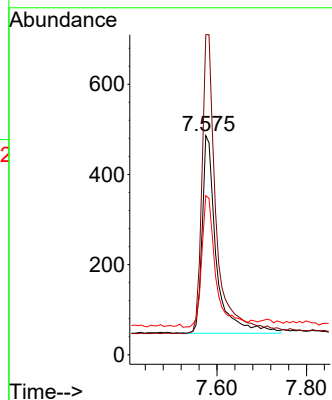
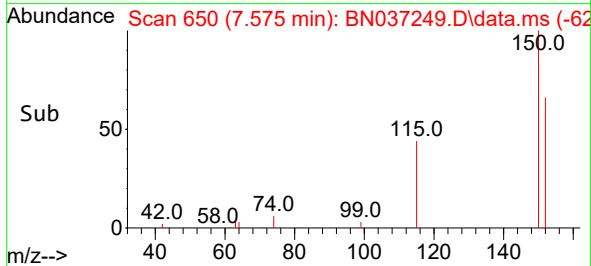


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.575 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN037249.D  
 Acq: 14 Jun 2025 05:21

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT191D2-20250609

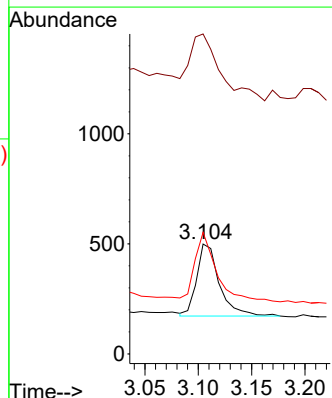
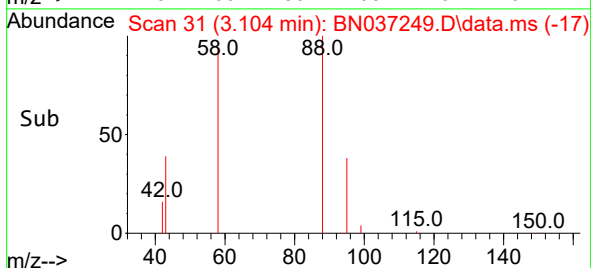
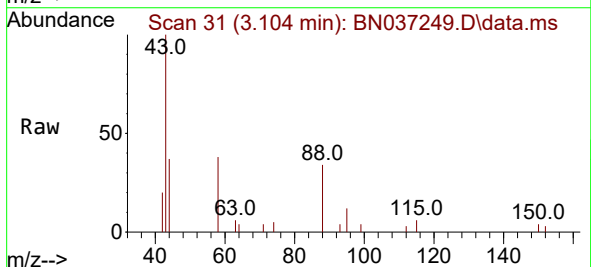


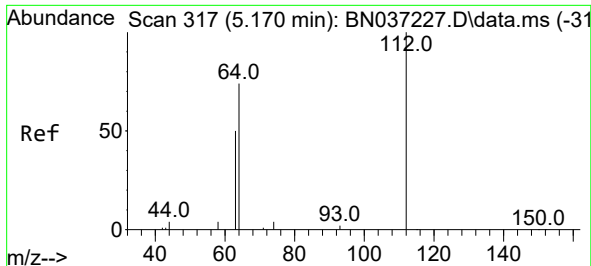
Tgt Ion:152 Resp: 966  
 Ion Ratio Lower Upper  
 152 100  
 150 146.1 125.2 187.8  
 115 72.6 58.4 87.6



#2  
 1,4-Dioxane  
 Concen: 0.366 ng  
 RT: 3.104 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BN037249.D  
 Acq: 14 Jun 2025 05:21

Tgt Ion: 88 Resp: 485  
 Ion Ratio Lower Upper  
 88 100  
 43 125.8 52.6 79.0#  
 58 92.0 73.5 110.3

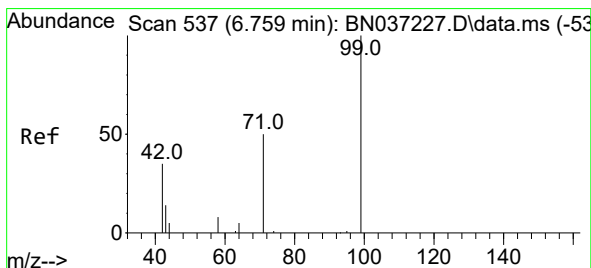
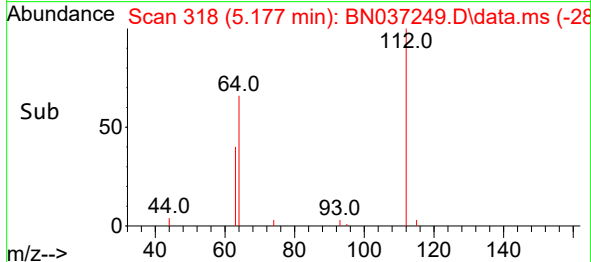
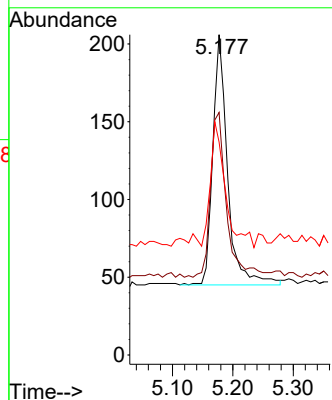
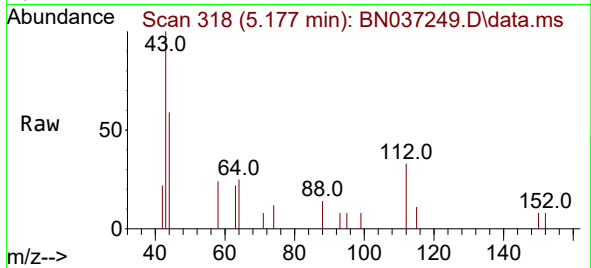




#4  
2-Fluorophenol  
Concen: 0.115 ng  
RT: 5.177 min Scan# 317  
Delta R.T. 0.007 min  
Lab File: BN037249.D  
Acq: 14 Jun 2025 05:21

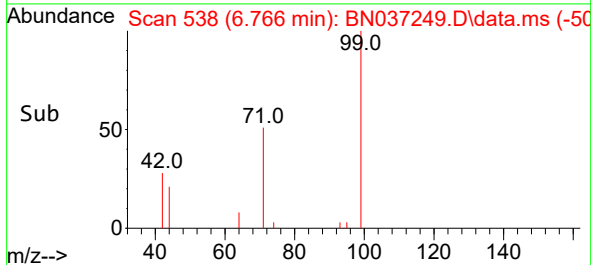
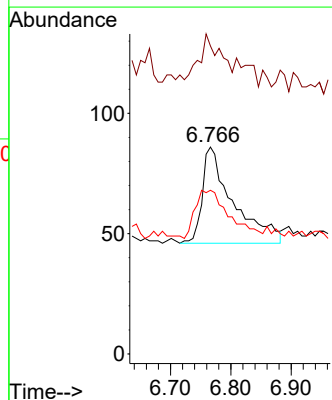
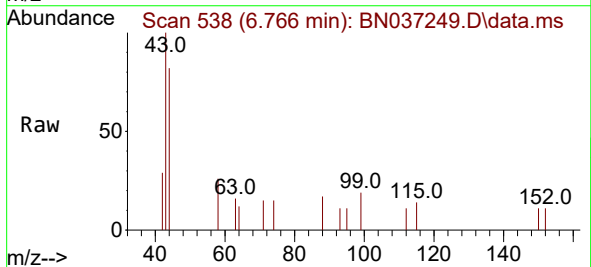
Instrument :  
BNA\_N  
ClientSampleId :  
TT191D2-20250609

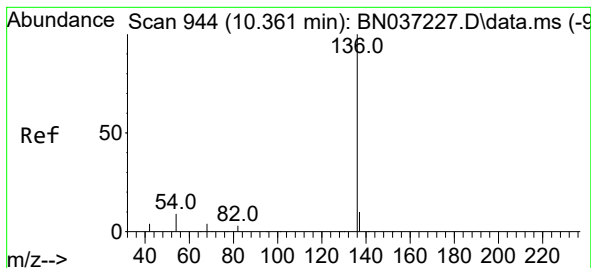
Tgt Ion:112 Resp: 274  
Ion Ratio Lower Upper  
112 100  
64 70.8 57.2 85.8  
63 51.1 39.8 59.6



#5  
Phenol-d6  
Concen: 0.057 ng  
RT: 6.766 min Scan# 538  
Delta R.T. 0.007 min  
Lab File: BN037249.D  
Acq: 14 Jun 2025 05:21

Tgt Ion: 99 Resp: 142  
Ion Ratio Lower Upper  
99 100  
42 30.3 36.2 54.4#  
71 55.6 42.4 63.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.362 min Scan# 944

Delta R.T. 0.000 min

Lab File: BN037249.D

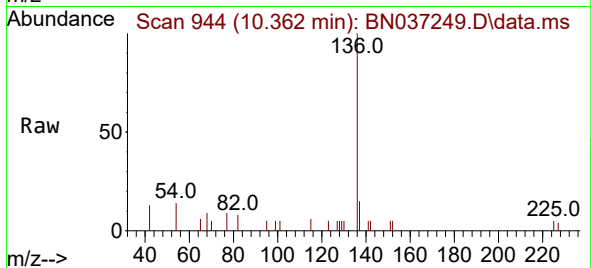
Acq: 14 Jun 2025 05:21

Instrument :

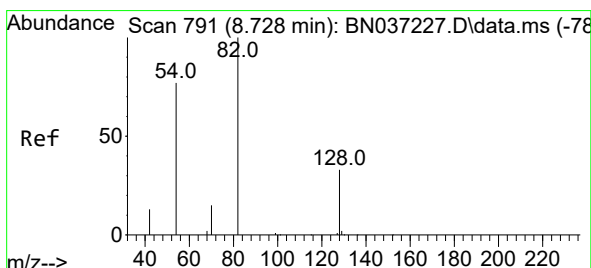
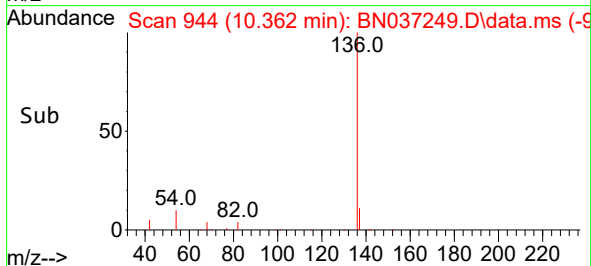
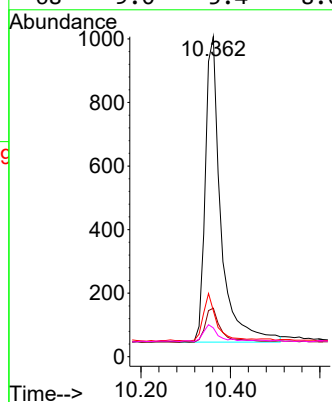
BNA\_N

ClientSampleId :

TT191D2-20250609



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2320  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 15.2  | 10.6  | 15.8  |
| 54       | 14.4  | 9.2   | 13.8# |
| 68       | 9.0   | 5.4   | 8.0#  |



#8

Nitrobenzene-d5

Concen: 0.228 ng

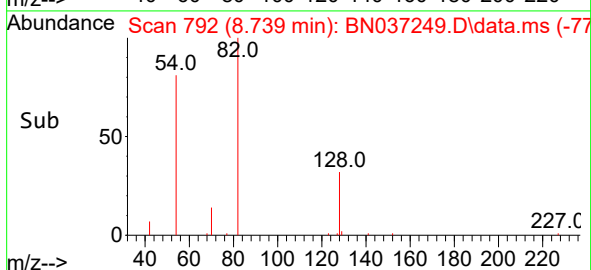
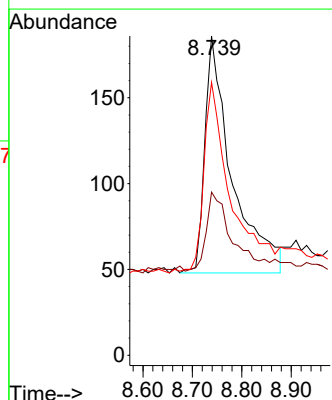
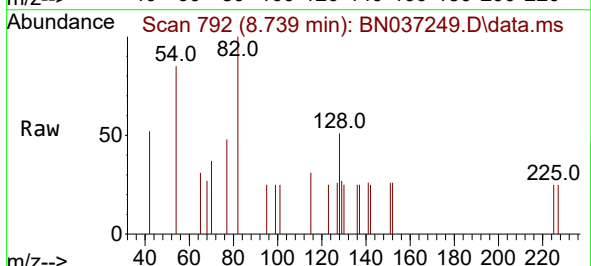
RT: 8.739 min Scan# 792

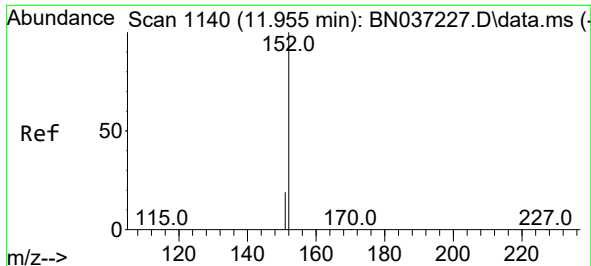
Delta R.T. 0.011 min

Lab File: BN037249.D

Acq: 14 Jun 2025 05:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 523   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 51.1  | 31.2  | 46.8# |
| 54       | 85.5  | 63.3  | 94.9  |





#11

2-Methylnaphthalene-d10

Concen: 0.245 ng

RT: 11.955 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BN037249.D

Acq: 14 Jun 2025 05:21

Instrument :

BNA\_N

ClientSampleId :

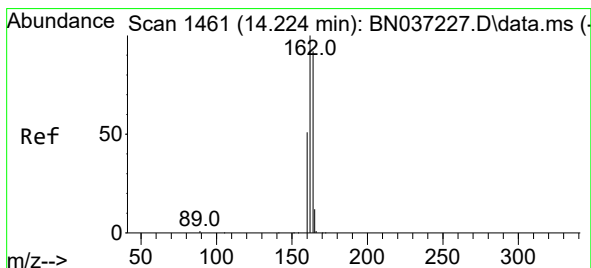
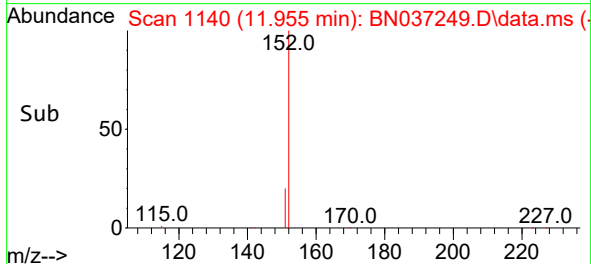
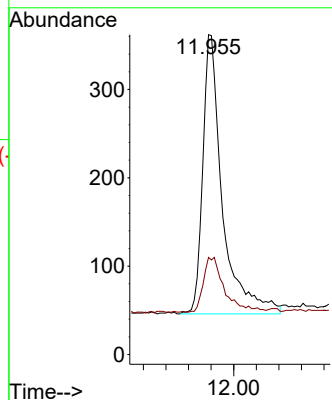
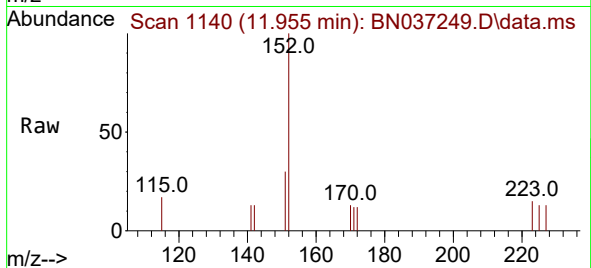
TT191D2-20250609

Tgt Ion:152 Resp: 763

Ion Ratio Lower Upper

152 100

151 21.0 17.9 26.9



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.224 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BN037249.D

Acq: 14 Jun 2025 05:21

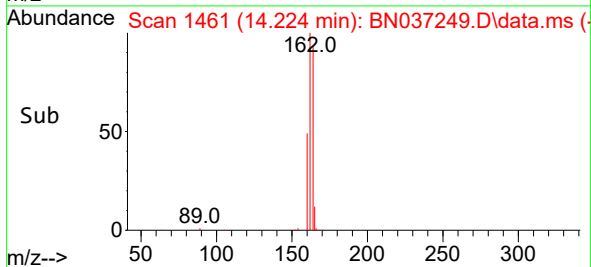
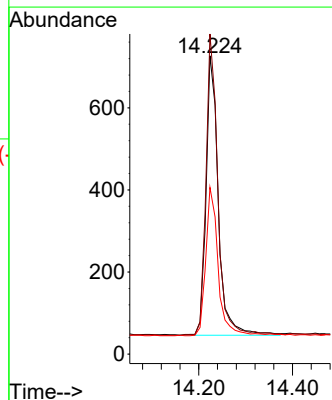
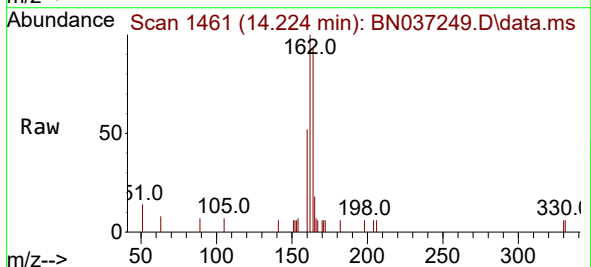
Tgt Ion:164 Resp: 1237

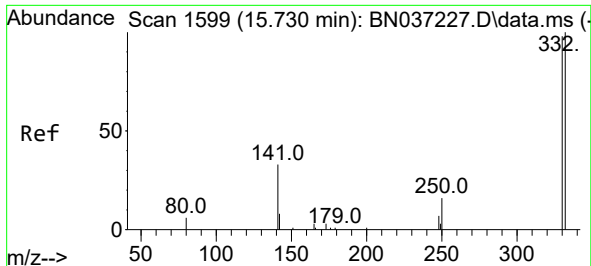
Ion Ratio Lower Upper

164 100

162 107.3 86.7 130.1

160 55.8 45.8 68.6

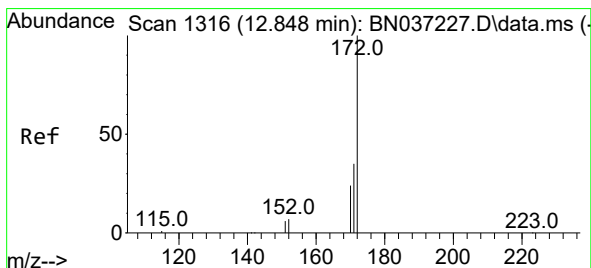
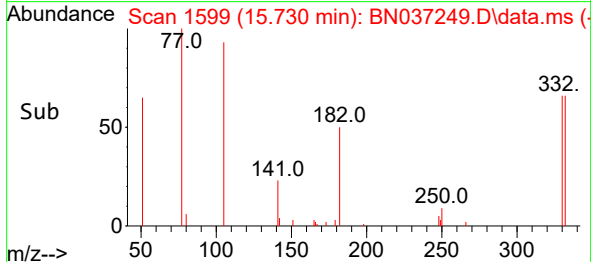
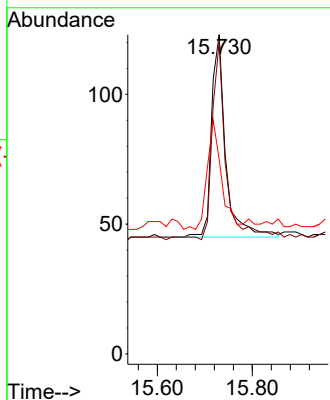
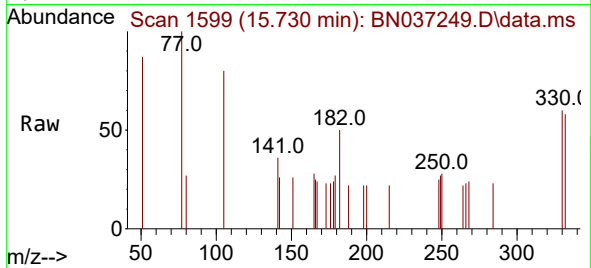




#14  
2,4,6-Tribromophenol  
Concen: 0.315 ng  
RT: 15.730 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BN037249.D  
Acq: 14 Jun 2025 05:21

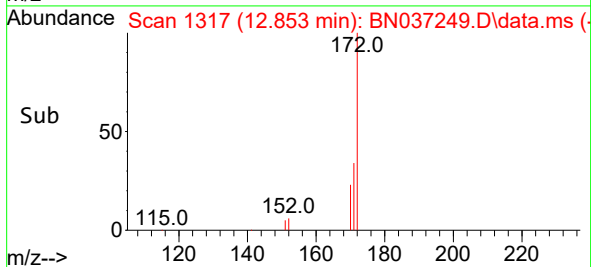
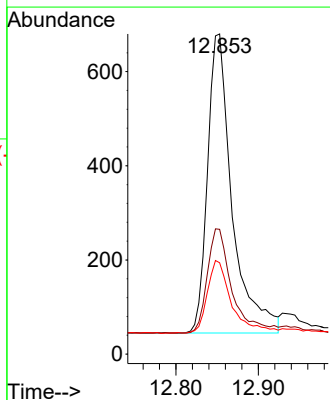
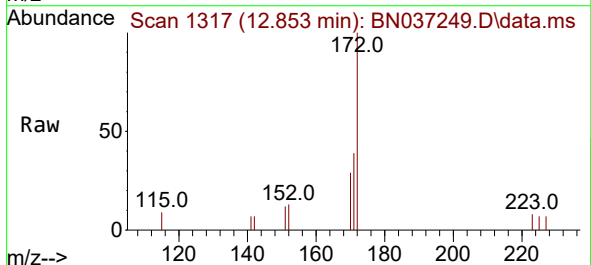
Instrument :  
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ClientSampleId :  
TT191D2-20250609

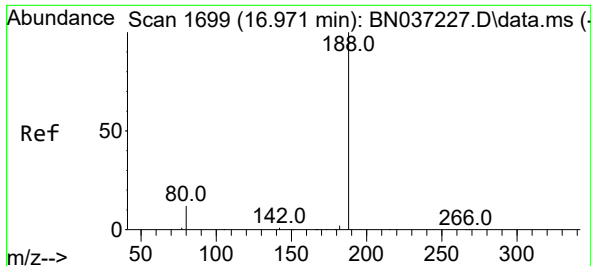
Tgt Ion: 330 Resp: 162  
Ion Ratio Lower Upper  
330 100  
332 88.3 74.9 112.3  
141 54.3 45.1 67.7



#15  
2-Fluorobiphenyl  
Concen: 0.253 ng  
RT: 12.853 min Scan# 1317  
Delta R.T. 0.005 min  
Lab File: BN037249.D  
Acq: 14 Jun 2025 05:21

Tgt Ion: 172 Resp: 1316  
Ion Ratio Lower Upper  
172 100  
171 39.0 29.8 44.8  
170 28.5 21.1 31.7

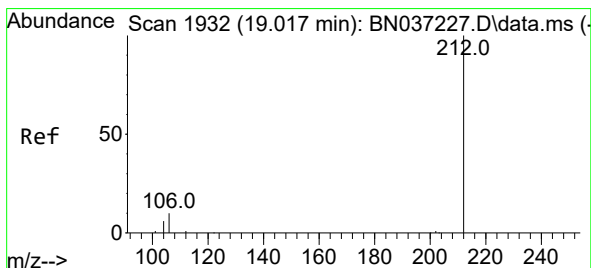
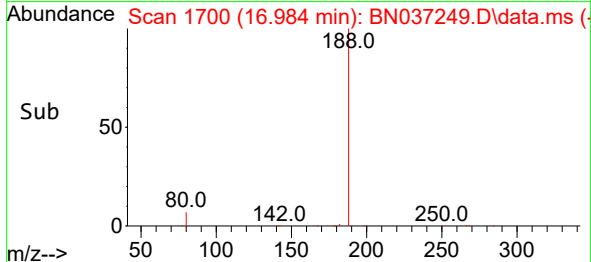
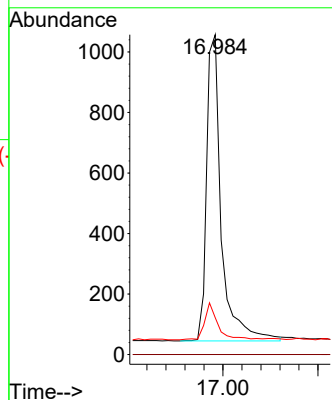
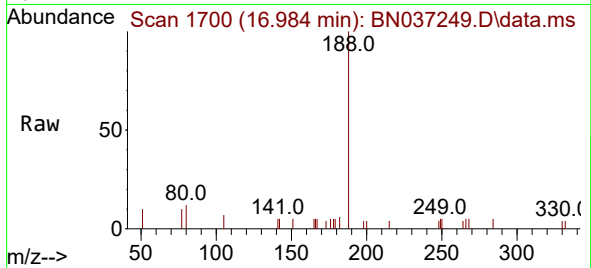




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.984 min Scan# 11  
Delta R.T. 0.013 min  
Lab File: BN037249.D  
Acq: 14 Jun 2025 05:21

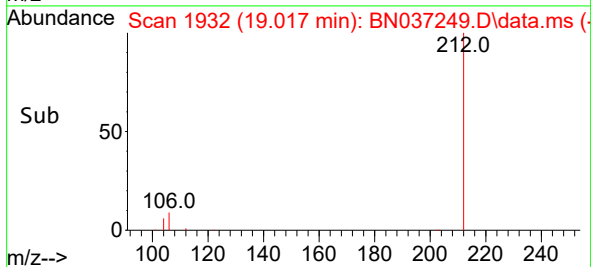
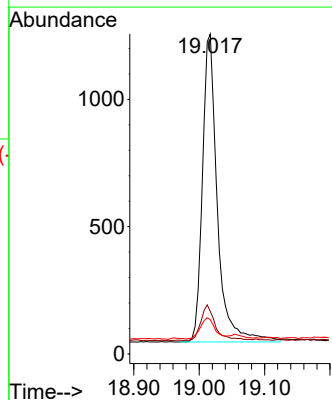
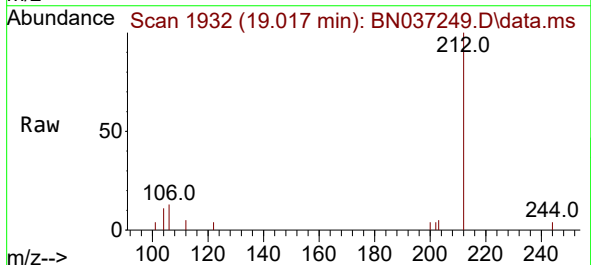
Instrument :  
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TT191D2-20250609

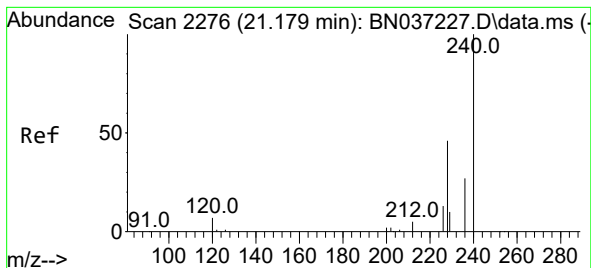
Tgt Ion:188 Resp: 2179  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.5 12.2 18.4#



#27  
Fluoranthene-d10  
Concen: 0.336 ng  
RT: 19.017 min Scan# 1932  
Delta R.T. 0.000 min  
Lab File: BN037249.D  
Acq: 14 Jun 2025 05:21

Tgt Ion:212 Resp: 1914  
Ion Ratio Lower Upper  
212 100  
106 11.1 9.3 13.9  
104 6.8 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037249.D

Acq: 14 Jun 2025 05:21

Instrument :

BNA\_N

ClientSampleId :

TT191D2-20250609

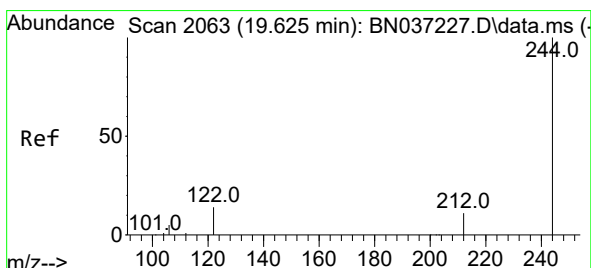
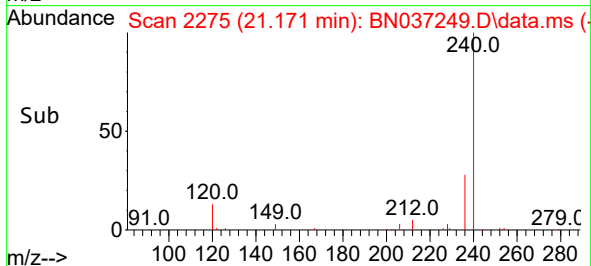
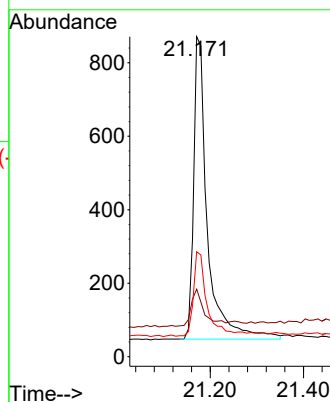
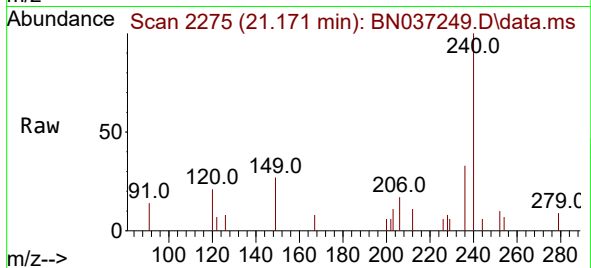
Tgt Ion:240 Resp: 1692

Ion Ratio Lower Upper

240 100

120 21.1 11.3 16.9#

236 32.8 24.4 36.6



#31

Terphenyl-d14

Concen: 0.446 ng

RT: 19.621 min Scan# 2062

Delta R.T. -0.004 min

Lab File: BN037249.D

Acq: 14 Jun 2025 05:21

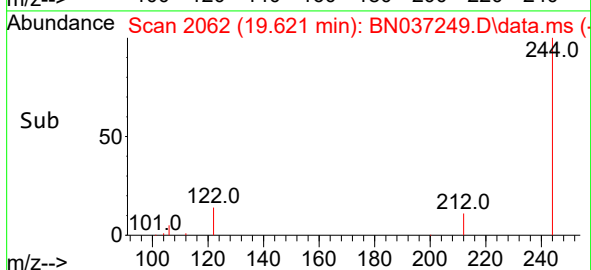
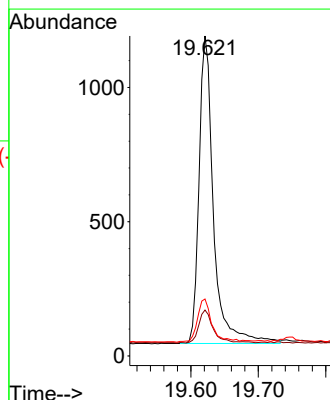
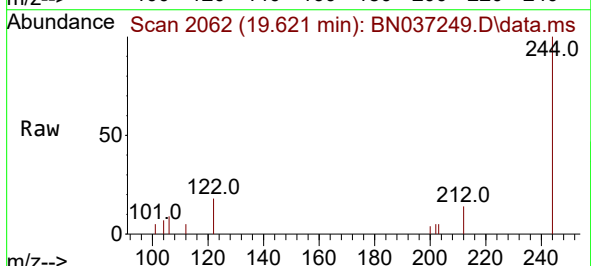
Tgt Ion:244 Resp: 1705

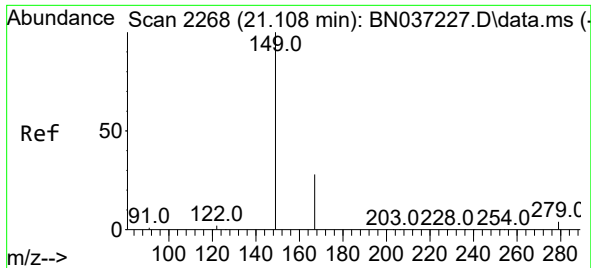
Ion Ratio Lower Upper

244 100

212 14.3 12.2 18.2

122 17.8 14.3 21.5

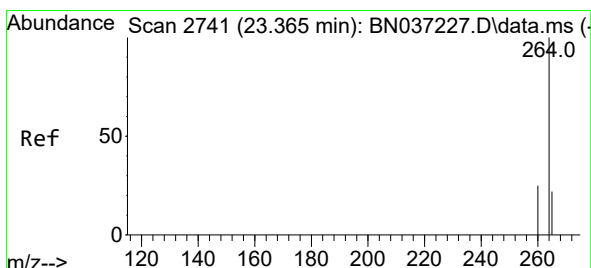
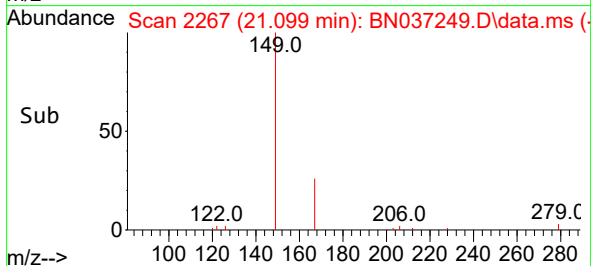
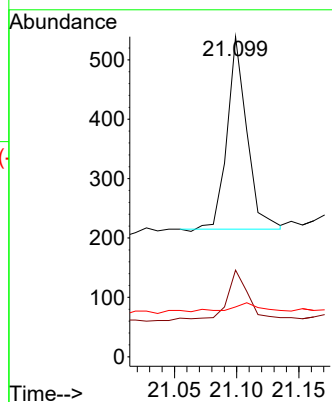
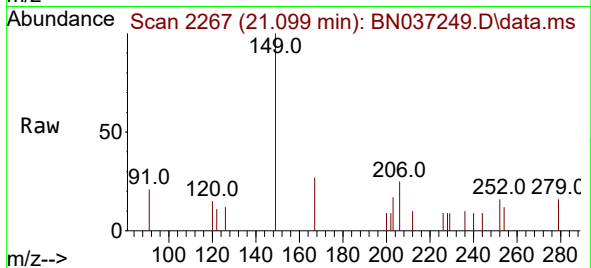




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.084 ng  
 RT: 21.099 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BN037249.D  
 Acq: 14 Jun 2025 05:21

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT191D2-20250609

Tgt Ion:149 Resp: 356  
 Ion Ratio Lower Upper  
 149 100  
 167 30.6 21.3 31.9  
 279 6.7 3.3 4.9#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.363 min Scan# 2740  
 Delta R.T. -0.003 min  
 Lab File: BN037249.D  
 Acq: 14 Jun 2025 05:21

Tgt Ion:264 Resp: 1750  
 Ion Ratio Lower Upper  
 264 100  
 260 27.2 22.8 34.2  
 265 90.5 66.4 99.6

