

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062625\  
 Data File : BN037397.D  
 Acq On : 26 Jun 2025 17:18  
 Operator : RC/JU  
 Sample : Q2345-14  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT150S1-20250617

Quant Time: Jun 26 17:46:03 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 26 16:06:33 2025  
 Response via : Initial Calibration

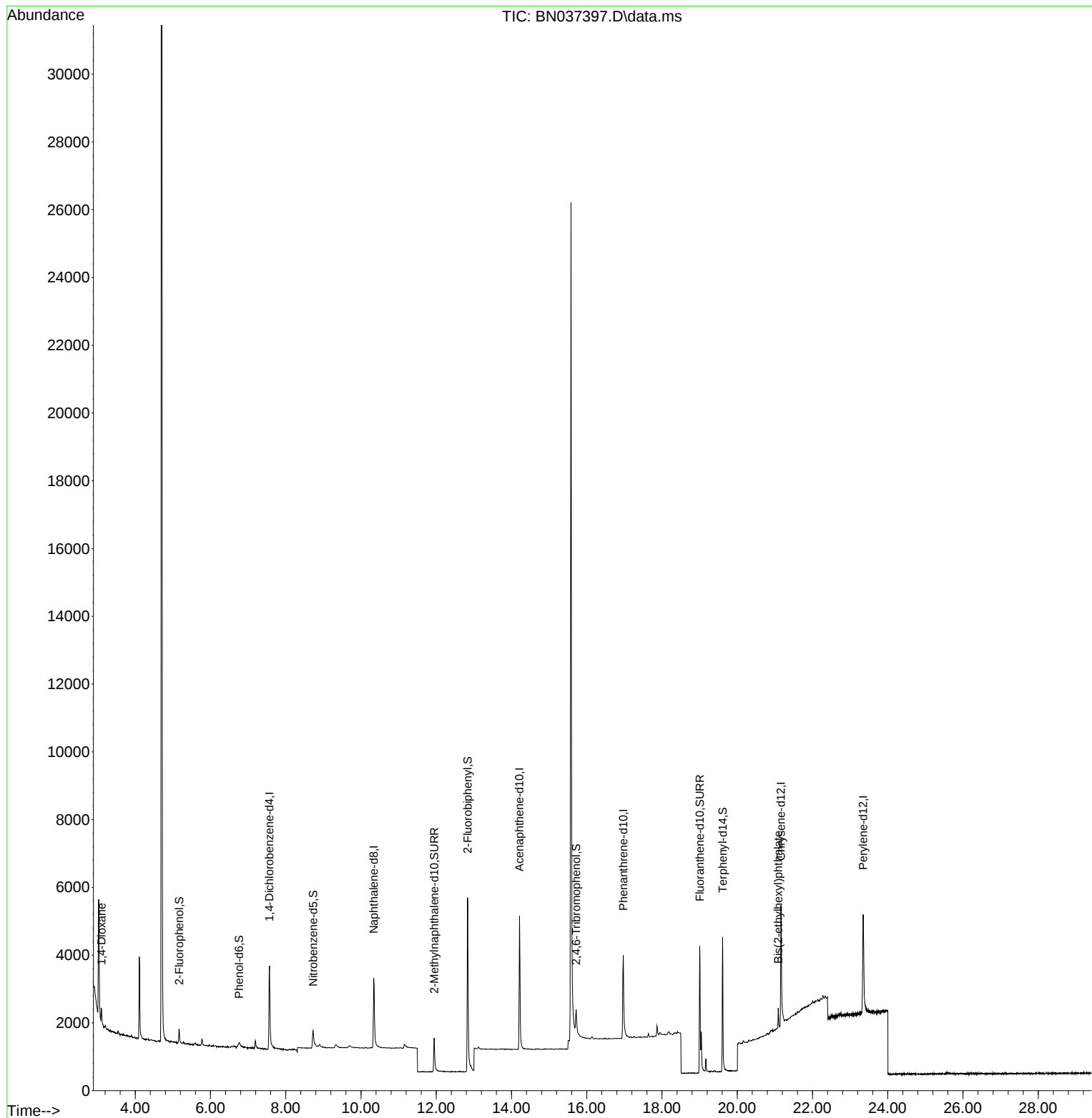
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.568  | 152  | 1586     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.340 | 136  | 3605     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.213 | 164  | 2491     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.971 | 188  | 4999     | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 21.162 | 240  | 4478     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.345 | 264  | 4562     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.170  | 112  | 381      | 0.125 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.759  | 99   | 193      | 0.061 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 8.728  | 82   | 835      | 0.289 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 11.945 | 152  | 1819     | 0.326 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.718 | 330  | 582      | 0.398 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.833 | 172  | 5878     | 0.547 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.003 | 212  | 5568     | 0.389 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.611 | 244  | 4672     | 0.489 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.104  | 88   | 361      | 0.240 | ng    | # 66     |
| 34) Bis(2-ethylhexyl)phtha... | 21.090 | 149  | 479      | 0.086 | ng    | # 95     |
| -----                         |        |      |          |       |       |          |

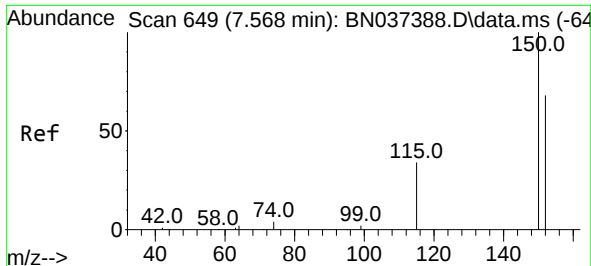
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062625\  
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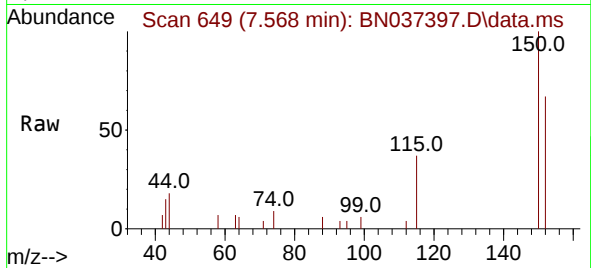
Quant Time: Jun 26 17:46:03 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 26 16:06:33 2025  
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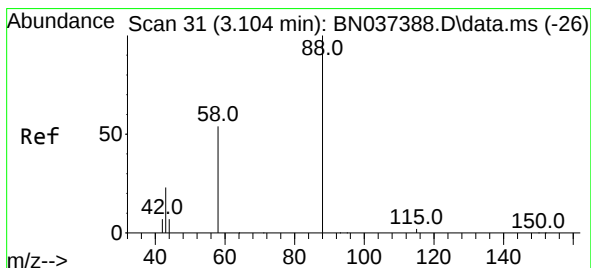
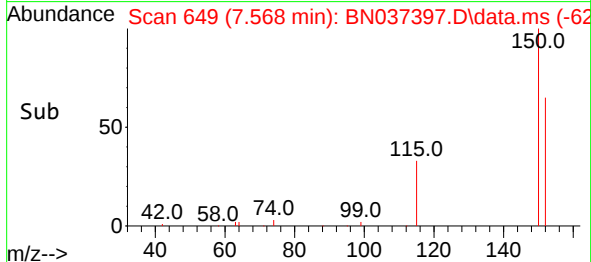
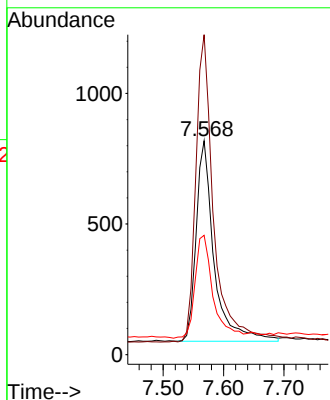


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.568 min Scan# 64  
 Delta R.T. -0.000 min  
 Lab File: BN037397.D  
 Acq: 26 Jun 2025 17:18

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT150S1-20250617

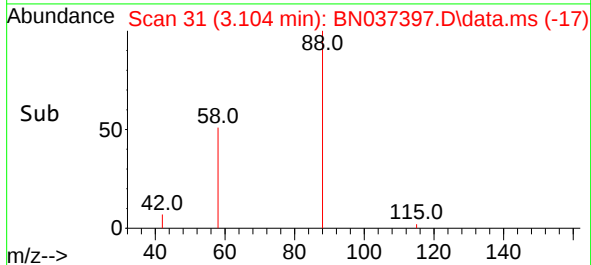
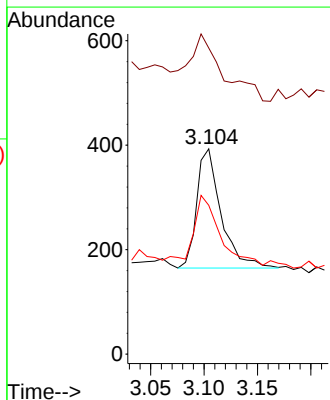
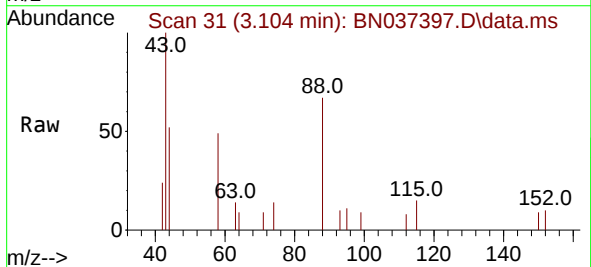


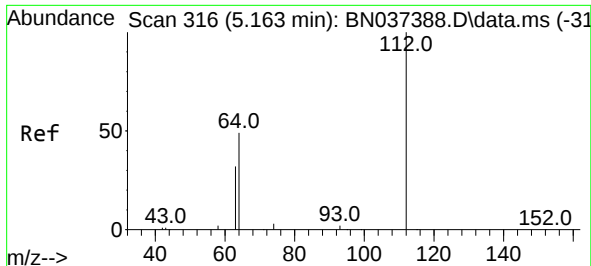
Tgt Ion:152 Resp: 1586  
 Ion Ratio Lower Upper  
 152 100  
 150 149.6 116.2 174.2  
 115 55.8 42.9 64.3



#2  
 1,4-Dioxane  
 Concen: 0.240 ng  
 RT: 3.104 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: BN037397.D  
 Acq: 26 Jun 2025 17:18

Tgt Ion: 88 Resp: 361  
 Ion Ratio Lower Upper  
 88 100  
 43 77.0 21.6 32.4#  
 58 60.7 45.9 68.9

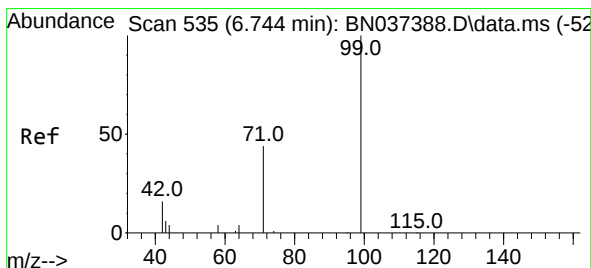
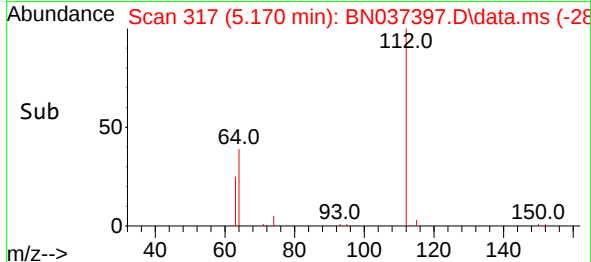
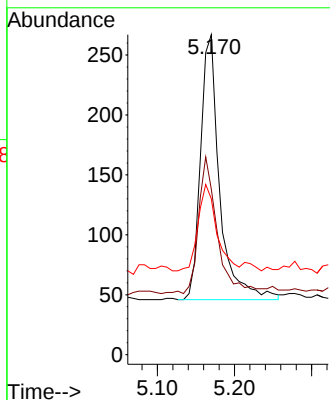
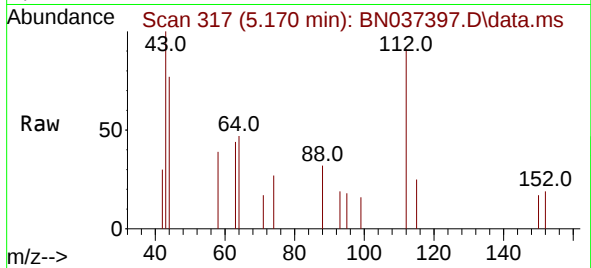




#4  
2-Fluorophenol  
Concen: 0.125 ng  
RT: 5.170 min Scan# 316  
Delta R.T. 0.007 min  
Lab File: BN037397.D  
Acq: 26 Jun 2025 17:18

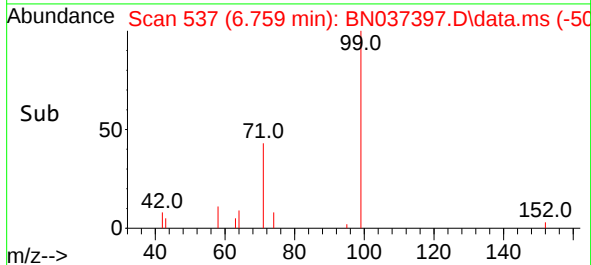
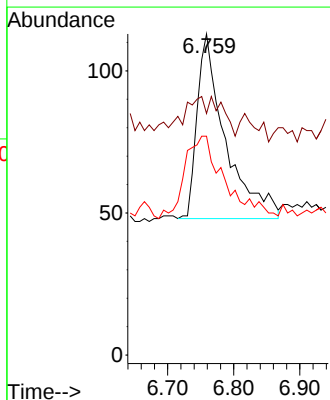
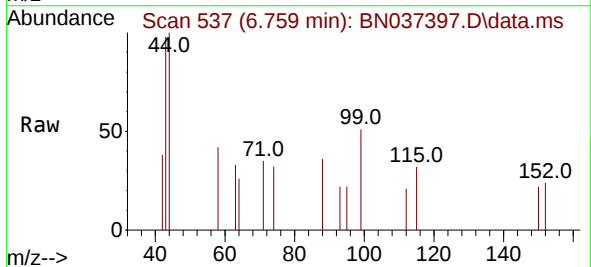
Instrument :  
BNA\_N  
ClientSampleId :  
TT150S1-20250617

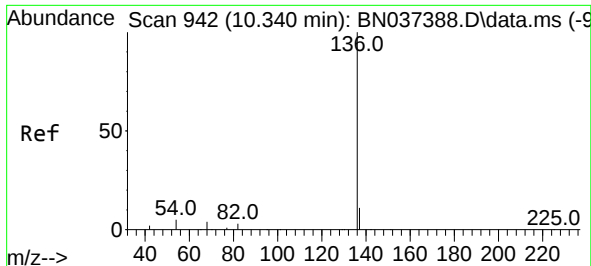
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 381   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 50.7  | 40.3  | 60.5  |
| 63       | 31.5  | 26.1  | 39.1  |



#5  
Phenol-d6  
Concen: 0.061 ng  
RT: 6.759 min Scan# 537  
Delta R.T. 0.014 min  
Lab File: BN037397.D  
Acq: 26 Jun 2025 17:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 193   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 14.5  | 15.6  | 23.4# |
| 71       | 57.5  | 35.8  | 53.8# |

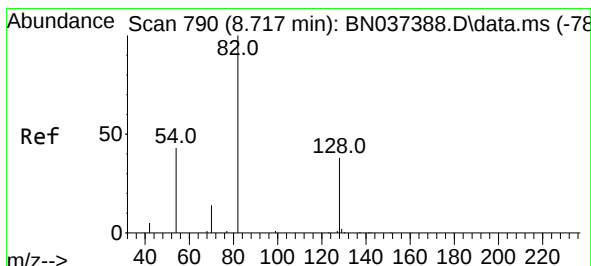
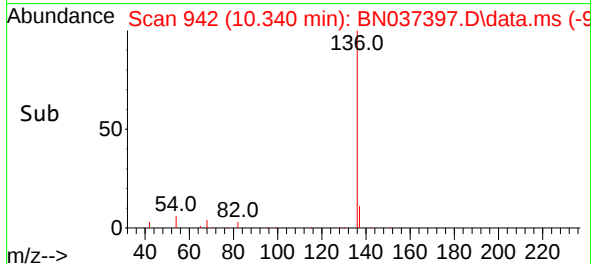
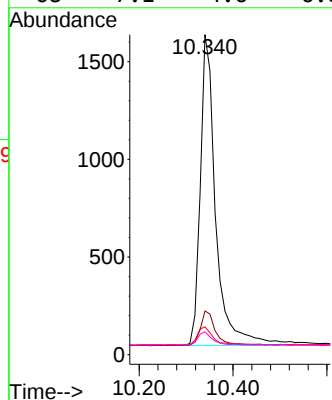
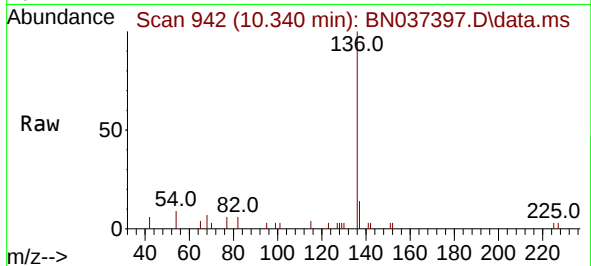




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.340 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: BN037397.D  
Acq: 26 Jun 2025 17:18

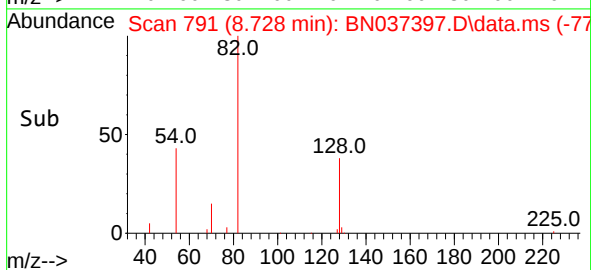
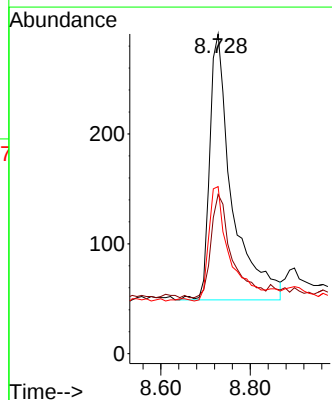
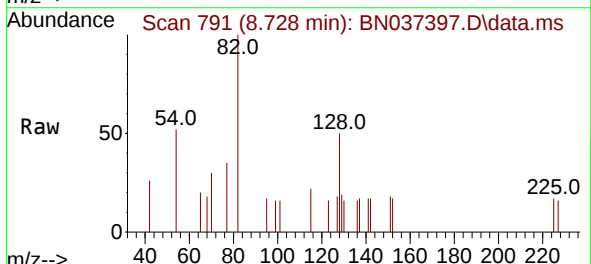
Instrument :  
BNA\_N  
ClientSampleId :  
TT150S1-20250617

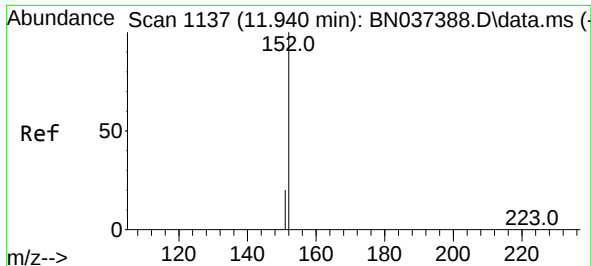
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 3605  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.7  | 10.4  | 15.6  |
| 54       | 8.7   | 5.6   | 8.4#  |
| 68       | 7.1   | 4.6   | 6.8#  |



#8  
Nitrobenzene-d5  
Concen: 0.289 ng  
RT: 8.728 min Scan# 791  
Delta R.T. 0.011 min  
Lab File: BN037397.D  
Acq: 26 Jun 2025 17:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 835   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 49.8  | 34.0  | 51.0  |
| 54       | 52.2  | 37.7  | 56.5  |

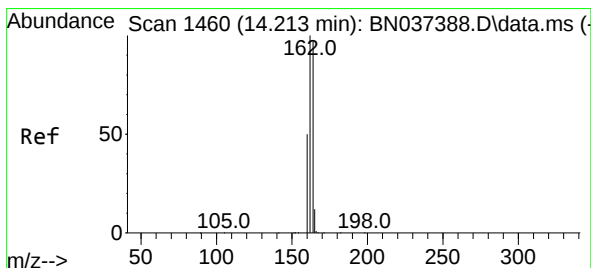
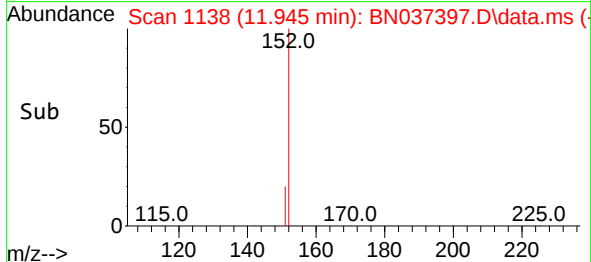
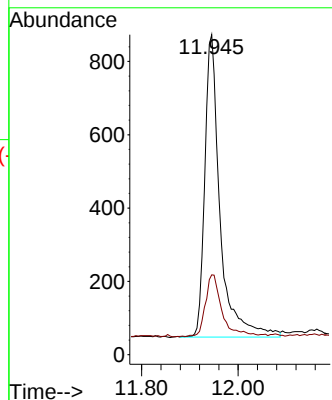
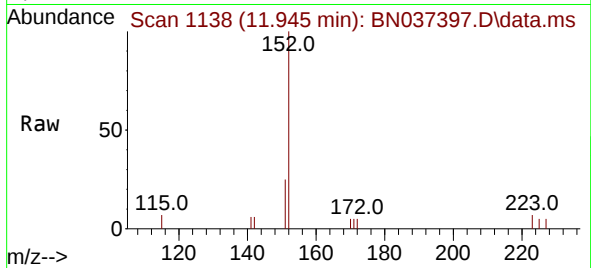




#11  
2-Methylnaphthalene-d10  
Concen: 0.326 ng  
RT: 11.945 min Scan# 1138  
Delta R.T. 0.005 min  
Lab File: BN037397.D  
Acq: 26 Jun 2025 17:18

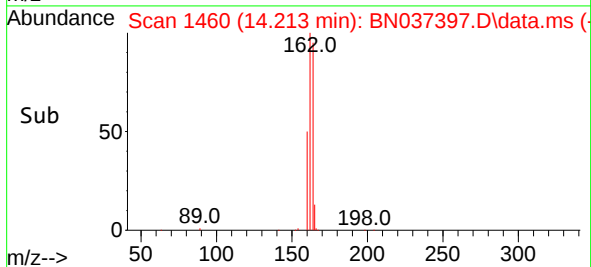
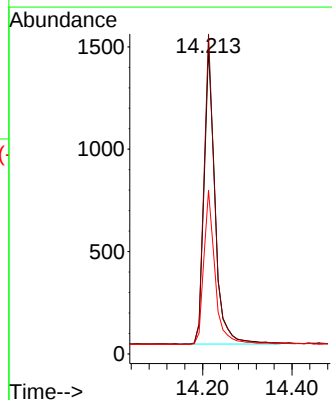
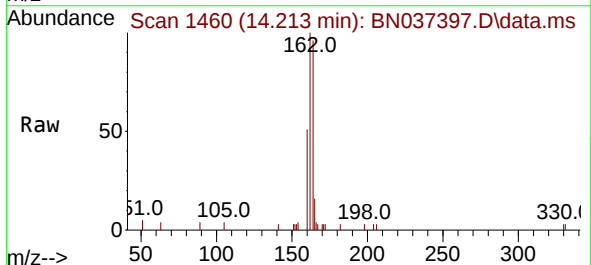
Instrument :  
BNA\_N  
ClientSampleId :  
TT150S1-20250617

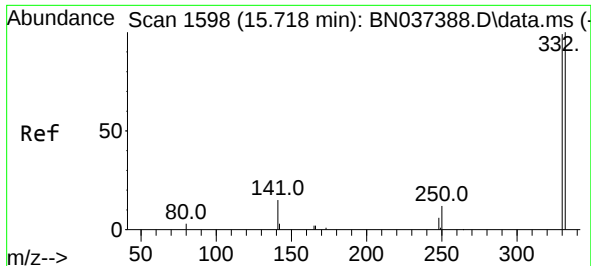
Tgt Ion:152 Resp: 1819  
Ion Ratio Lower Upper  
152 100  
151 22.4 18.4 27.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.213 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: BN037397.D  
Acq: 26 Jun 2025 17:18

Tgt Ion:164 Resp: 2491  
Ion Ratio Lower Upper  
164 100  
162 104.7 82.6 123.8  
160 53.5 42.2 63.2

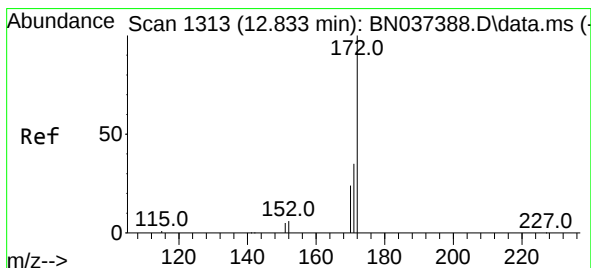
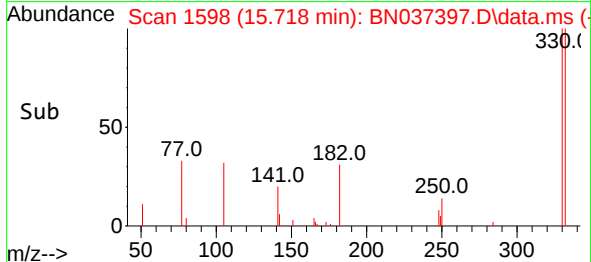
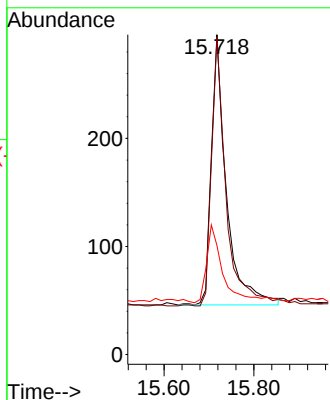
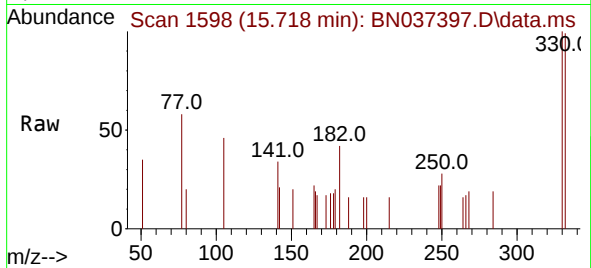




#14  
2,4,6-Tribromophenol  
Concen: 0.398 ng  
RT: 15.718 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: BN037397.D  
Acq: 26 Jun 2025 17:18

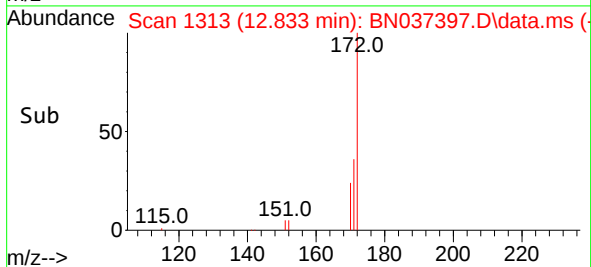
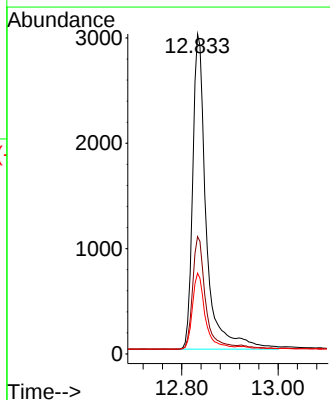
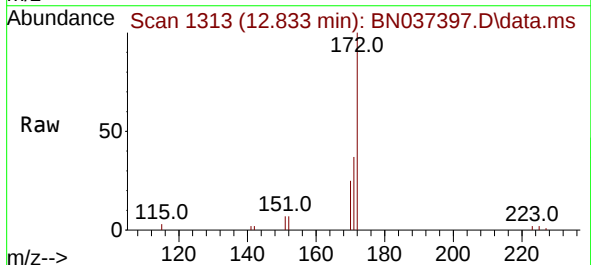
Instrument :  
BNA\_N  
ClientSampleId :  
TT150S1-20250617

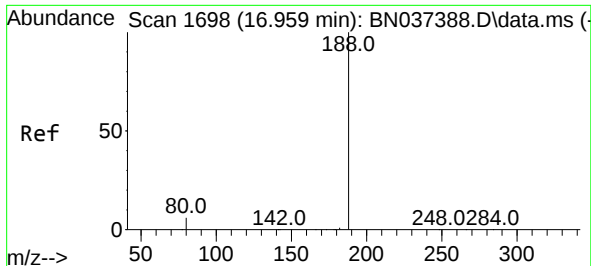
Tgt Ion:330 Resp: 582  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.8 116.8  
141 32.3 24.0 36.0



#15  
2-Fluorobiphenyl  
Concen: 0.547 ng  
RT: 12.833 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: BN037397.D  
Acq: 26 Jun 2025 17:18

Tgt Ion:172 Resp: 5878  
Ion Ratio Lower Upper  
172 100  
171 36.7 28.8 43.2  
170 25.3 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1699

Delta R.T. 0.012 min

Lab File: BN037397.D

Acq: 26 Jun 2025 17:18

Instrument :

BNA\_N

ClientSampleId :

TT150S1-20250617

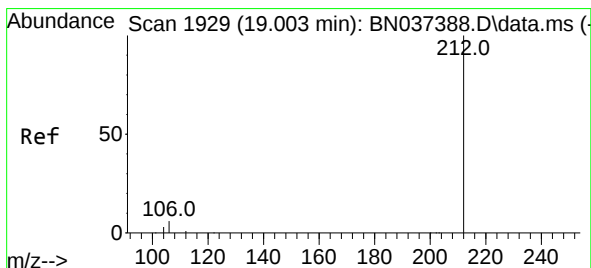
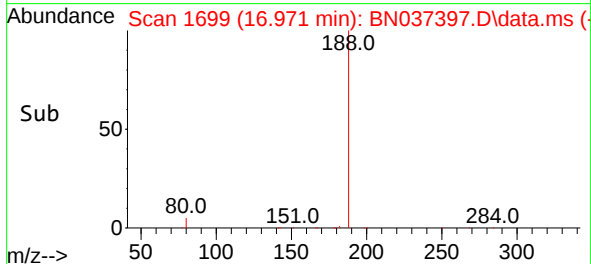
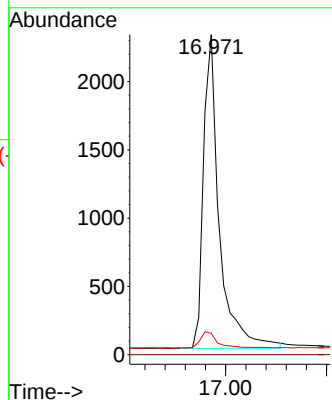
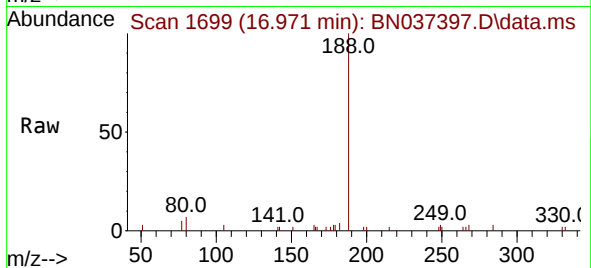
Tgt Ion:188 Resp: 4999

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.7 6.2 9.4



#27

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.003 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BN037397.D

Acq: 26 Jun 2025 17:18

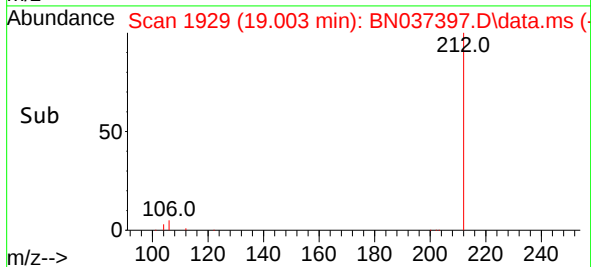
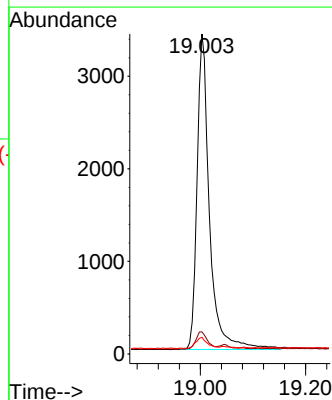
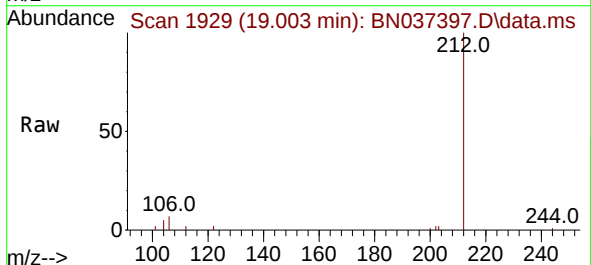
Tgt Ion:212 Resp: 5568

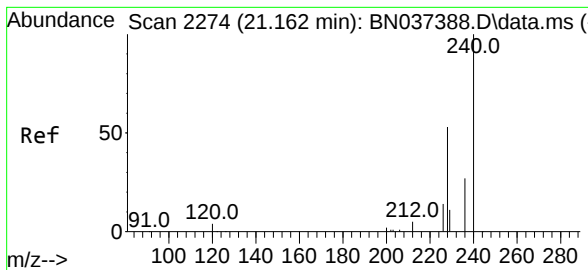
Ion Ratio Lower Upper

212 100

106 5.2 4.5 6.7

104 3.2 2.7 4.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.162 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037397.D

Acq: 26 Jun 2025 17:18

Instrument :

BNA\_N

ClientSampleId :

TT150S1-20250617

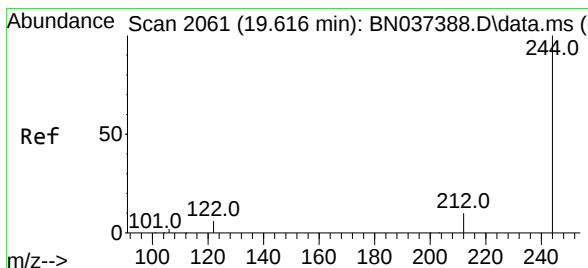
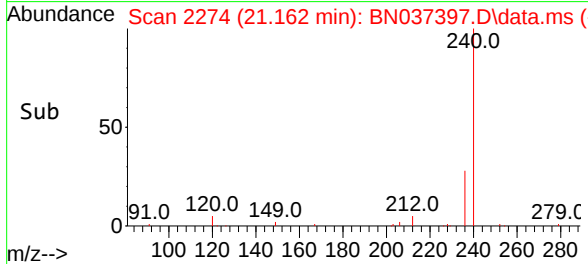
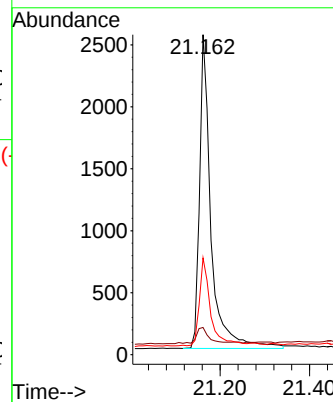
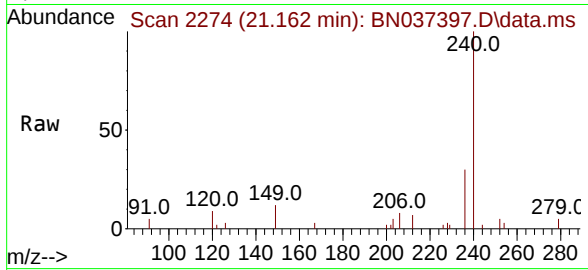
Tgt Ion:240 Resp: 4478

Ion Ratio Lower Upper

240 100

120 8.5 5.3 7.9#

236 30.3 22.7 34.1



#31

Terphenyl-d14

Concen: 0.489 ng

RT: 19.611 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN037397.D

Acq: 26 Jun 2025 17:18

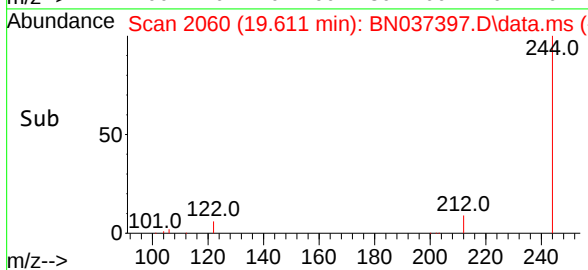
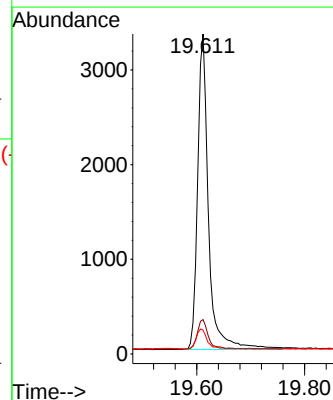
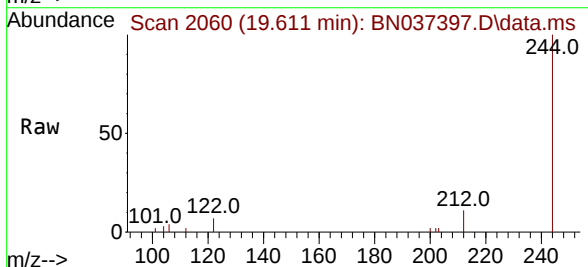
Tgt Ion:244 Resp: 4672

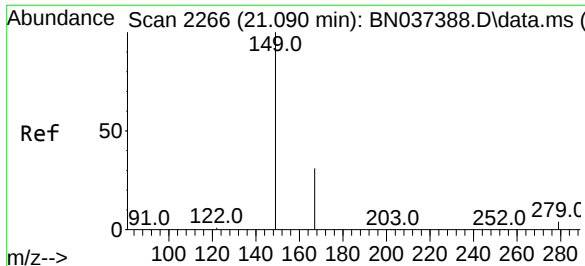
Ion Ratio Lower Upper

244 100

212 10.8 9.1 13.7

122 7.5 6.3 9.5

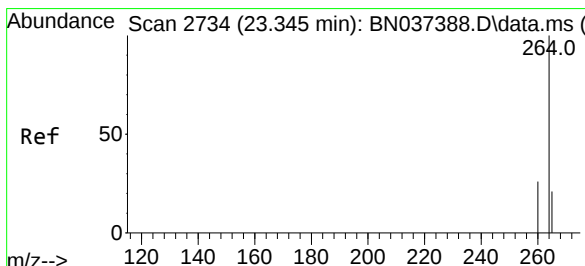
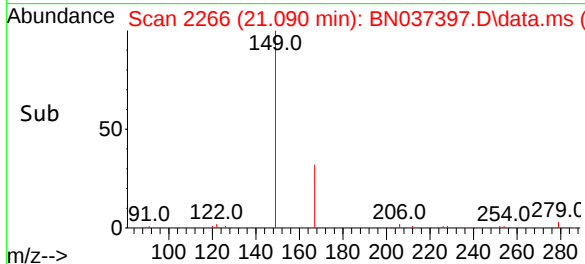
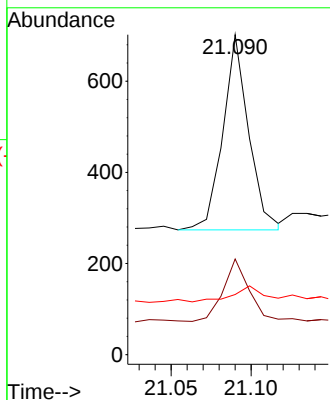
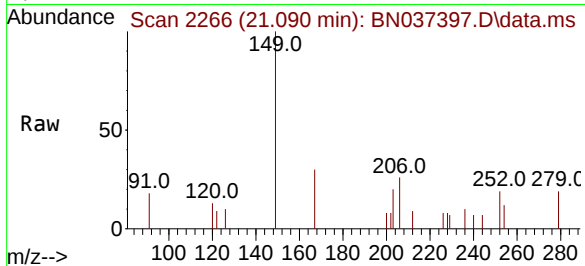




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.086 ng  
RT: 21.090 min Scan# 2109  
Delta R.T. -0.000 min  
Lab File: BN037397.D  
Acq: 26 Jun 2025 17:18

Instrument :  
BNA\_N  
ClientSampleId :  
TT150S1-20250617

Tgt Ion:149 Resp: 479  
Ion Ratio Lower Upper  
149 100  
167 32.8 24.8 37.2  
279 11.3 5.0 7.6#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.345 min Scan# 2734  
Delta R.T. -0.000 min  
Lab File: BN037397.D  
Acq: 26 Jun 2025 17:18

Tgt Ion:264 Resp: 4562  
Ion Ratio Lower Upper  
264 100  
260 26.4 21.4 32.0  
265 86.5 56.2 84.4#

