

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
 Data File : BN027152.D  
 Acq On : 26 Aug 2023 12:55  
 Operator : MA/JU  
 Sample : 04095-09  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT150S1-20230818

Quant Time: Aug 26 22:33:55 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 26 02:13:59 2023  
 Response via : Initial Calibration

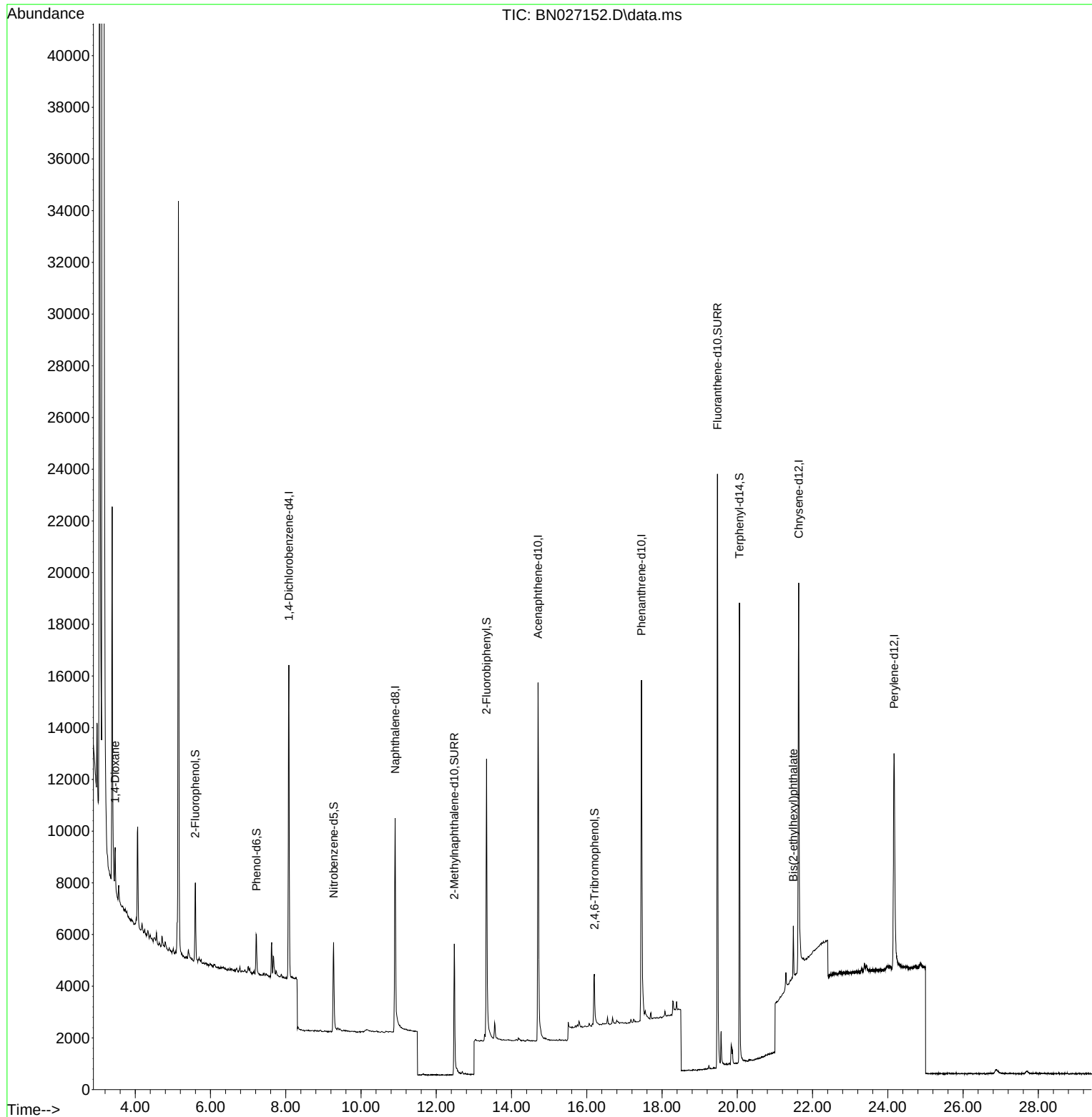
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.081  | 152  | 6050     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.906 | 136  | 13220    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.705 | 164  | 9067     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.455 | 188  | 21521    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.632 | 240  | 17296    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.165 | 264  | 15800    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.596  | 112  | 2564     | 0.150 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.221  | 99   | 1713     | 0.081 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.273  | 82   | 3249     | 0.291 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.479 | 152  | 8060     | 0.384 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.202 | 330  | 1504     | 0.312 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.336 | 172  | 11108    | 0.330 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.472 | 212  | 26885    | 0.487 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.057 | 244  | 18208    | 0.504 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.466  | 88   | 1222     | 0.188 | ng    | # 75     |
| 34) Bis(2-ethylhexyl)phtha... | 21.489 | 149  | 2065     | 0.046 | ng    | # 94     |
| -----                         |        |      |          |       |       |          |

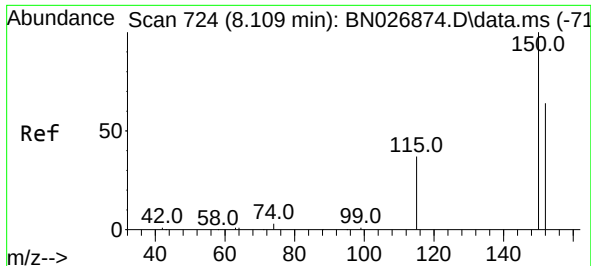
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
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TT150S1-20230818

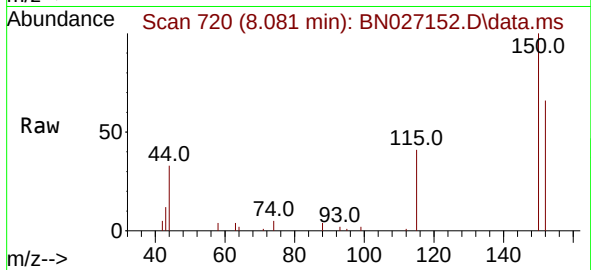
Quant Time: Aug 26 22:33:55 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Aug 26 02:13:59 2023  
Response via : Initial Calibration



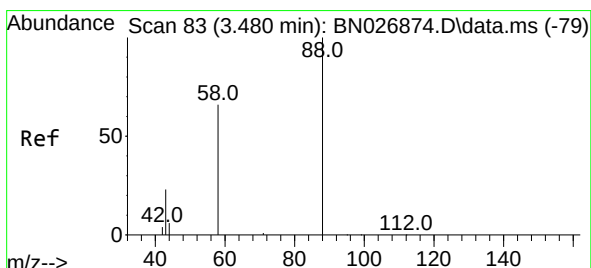
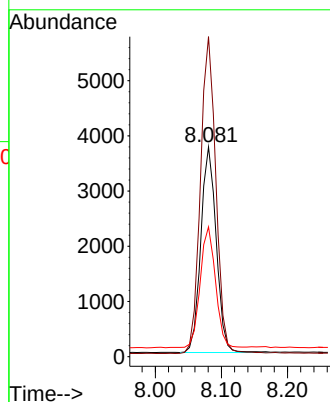
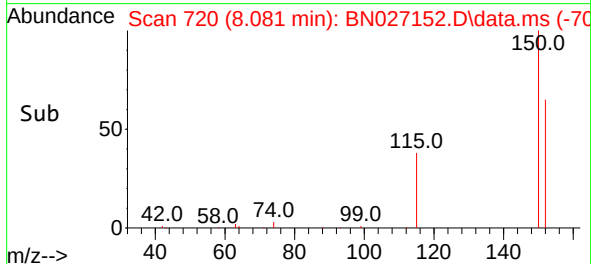


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.081 min Scan# 71  
 Delta R.T. -0.007 min  
 Lab File: BN027152.D  
 Acq: 26 Aug 2023 12:55

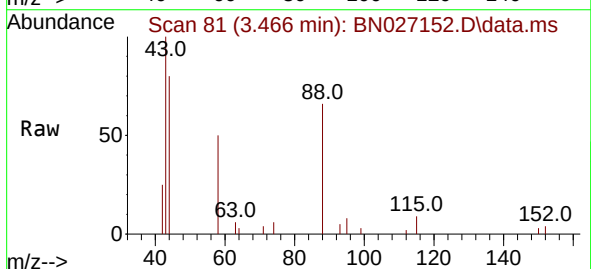
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 BNA\_N  
 ClientSampleId :  
 TT150S1-20230818



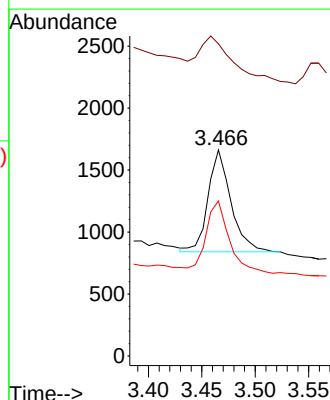
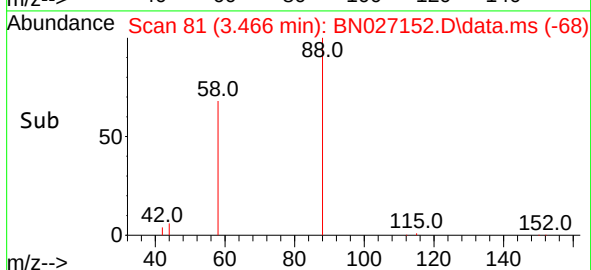
Tgt Ion:152 Resp: 6050  
 Ion Ratio Lower Upper  
 152 100  
 150 152.5 123.8 185.6  
 115 61.8 49.7 74.5

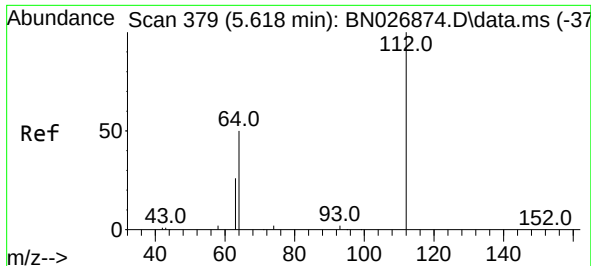


#2  
 1,4-Dioxane  
 Concen: 0.188 ng  
 RT: 3.466 min Scan# 81  
 Delta R.T. -0.007 min  
 Lab File: BN027152.D  
 Acq: 26 Aug 2023 12:55



Tgt Ion: 88 Resp: 1222  
 Ion Ratio Lower Upper  
 88 100  
 43 64.2 19.2 28.8#  
 58 72.3 54.5 81.7





#4

2-Fluorophenol

Concen: 0.150 ng

RT: 5.596 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027152.D

Acq: 26 Aug 2023 12:55

Instrument :

BNA\_N

ClientSampleId :

TT150S1-20230818

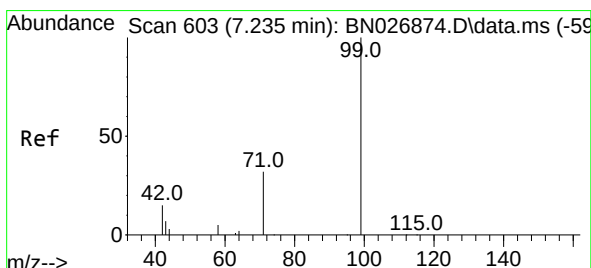
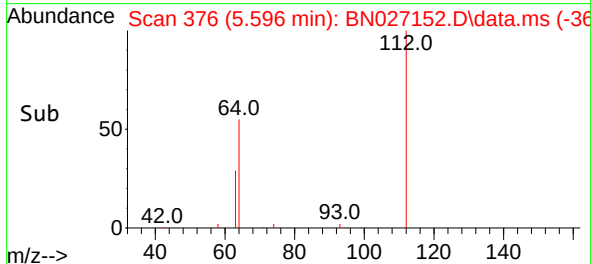
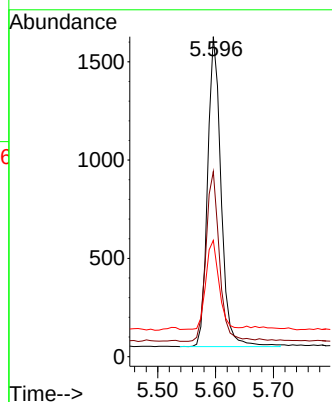
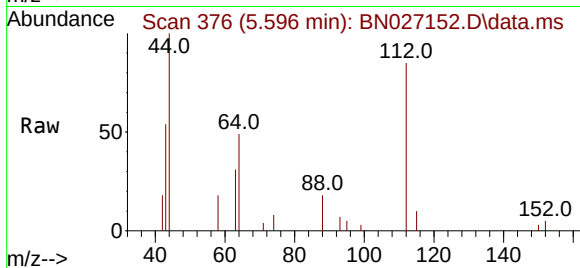
Tgt Ion:112 Resp: 2564

Ion Ratio Lower Upper

112 100

64 54.3 41.5 62.3

63 27.9 21.7 32.5



#5

Phenol-d6

Concen: 0.081 ng

RT: 7.221 min Scan# 601

Delta R.T. 0.000 min

Lab File: BN027152.D

Acq: 26 Aug 2023 12:55

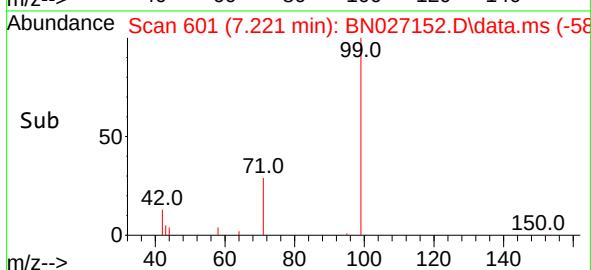
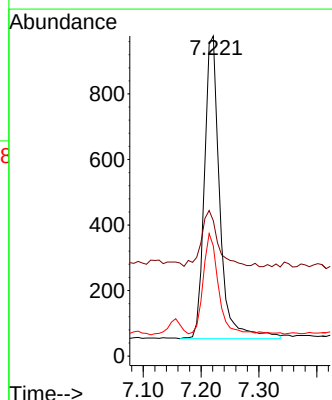
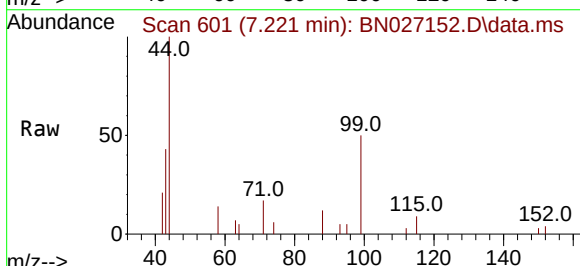
Tgt Ion: 99 Resp: 1713

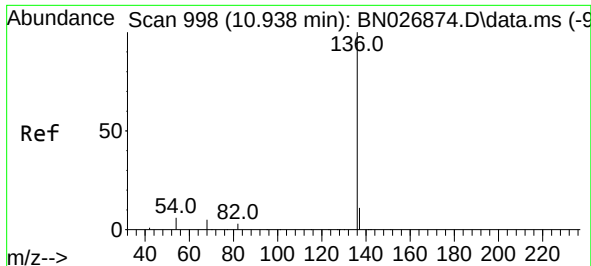
Ion Ratio Lower Upper

99 100

42 19.5 13.6 20.4

71 32.0 26.0 39.0

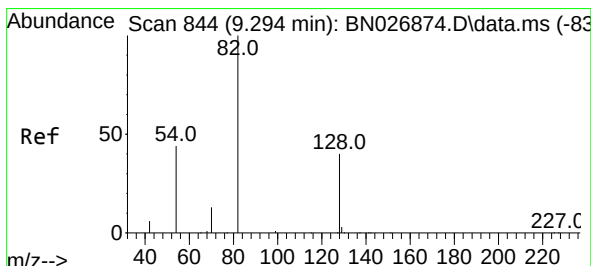
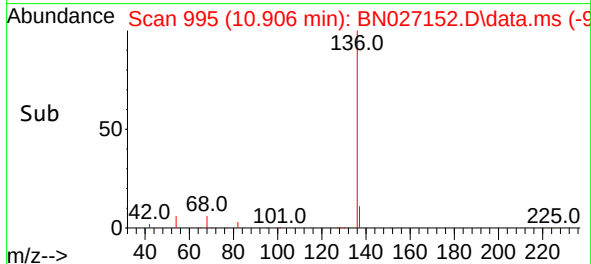
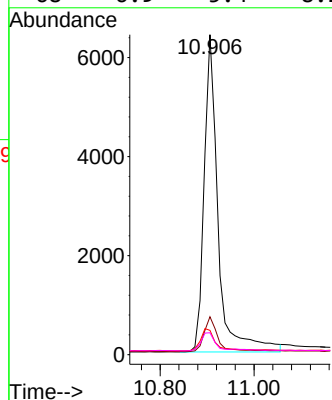
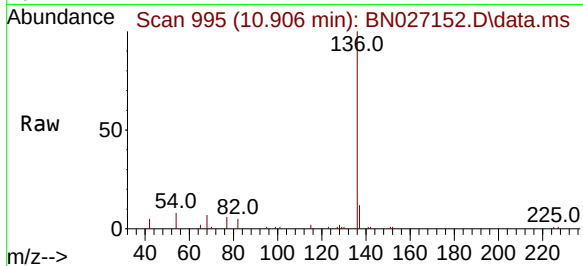




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.906 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BN027152.D  
Acq: 26 Aug 2023 12:55

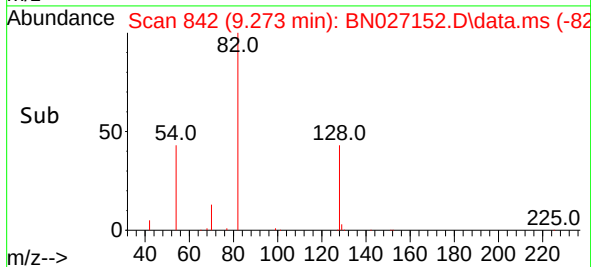
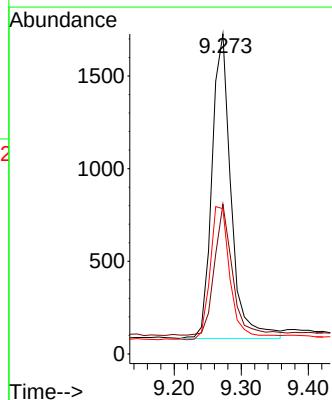
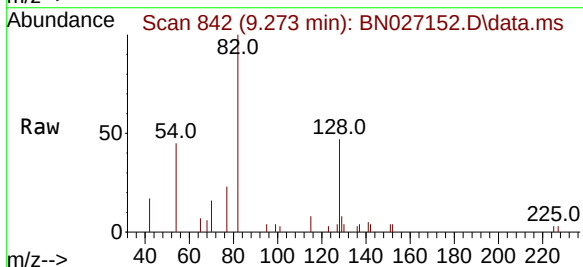
Instrument :  
BNA\_N  
ClientSampleId :  
TT150S1-20230818

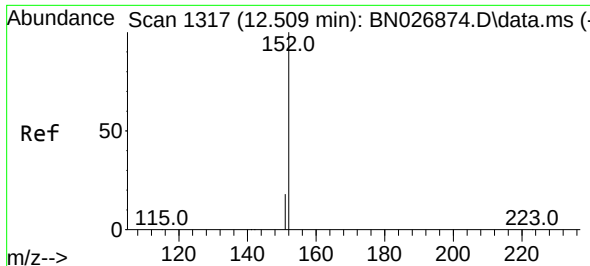
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 13220 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.9  | 9.0   | 13.6  |
| 54       | 7.6   | 5.5   | 8.3   |
| 68       | 6.9   | 5.4   | 8.2   |



#8  
Nitrobenzene-d5  
Concen: 0.291 ng  
RT: 9.273 min Scan# 842  
Delta R.T. 0.000 min  
Lab File: BN027152.D  
Acq: 26 Aug 2023 12:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3249  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 46.8  | 34.1  | 51.1  |
| 54       | 45.4  | 37.0  | 55.4  |

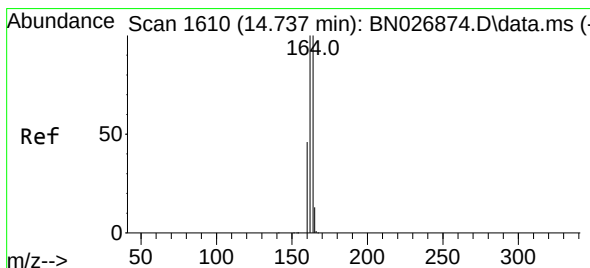
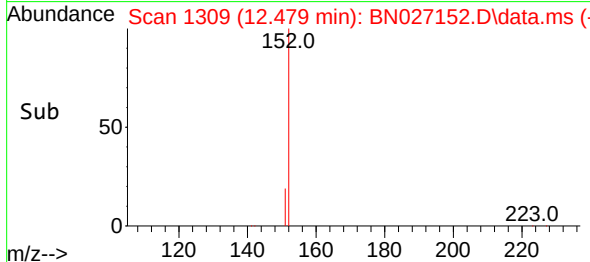
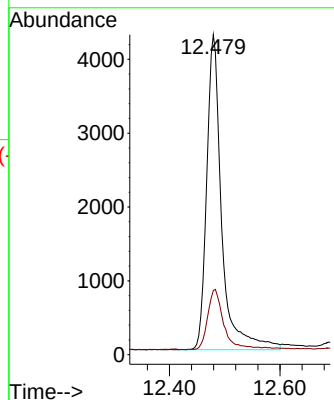
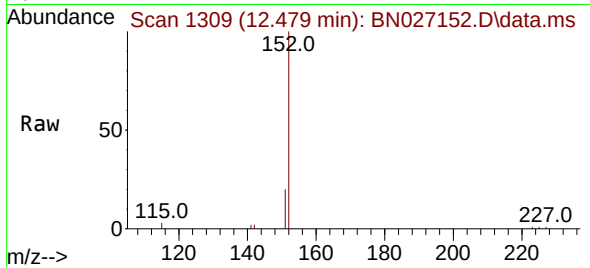




#11  
2-Methylnaphthalene-d10  
Concen: 0.384 ng  
RT: 12.479 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN027152.D  
Acq: 26 Aug 2023 12:55

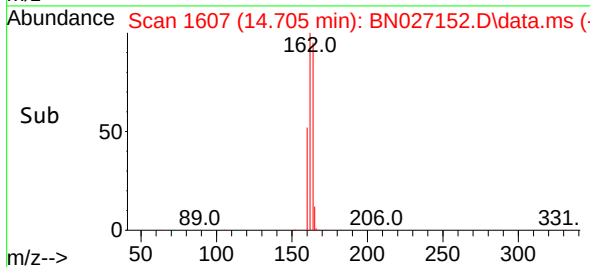
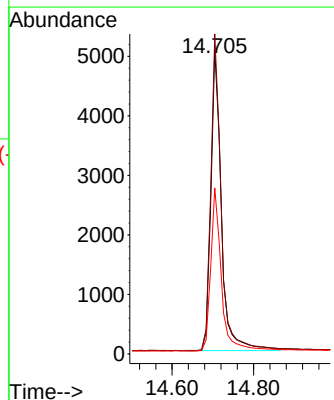
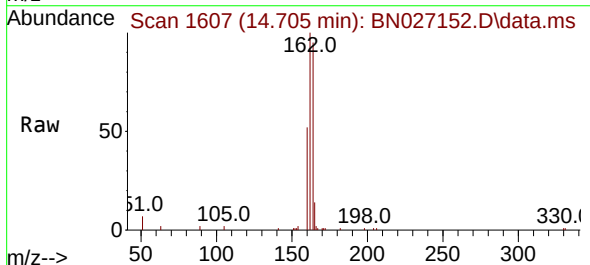
Instrument :  
BNA\_N  
ClientSampleId :  
TT150S1-20230818

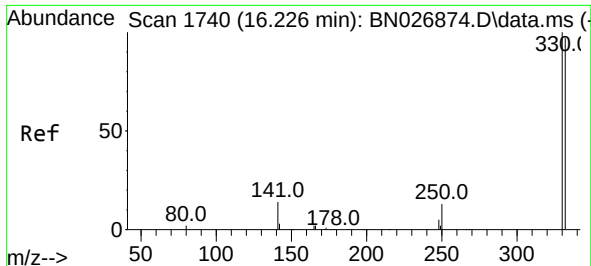
Tgt Ion:152 Resp: 8060  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.3 24.5



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.705 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: BN027152.D  
Acq: 26 Aug 2023 12:55

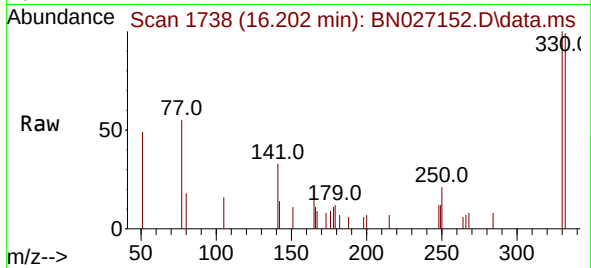
Tgt Ion:164 Resp: 9067  
Ion Ratio Lower Upper  
164 100  
162 105.3 79.7 119.5  
160 54.6 37.4 56.0



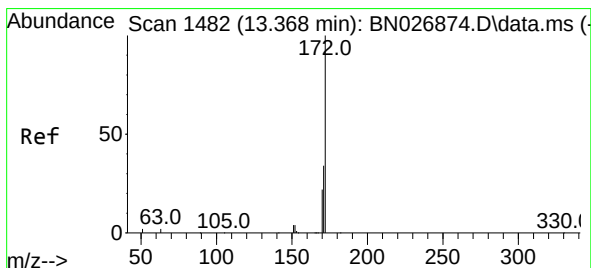
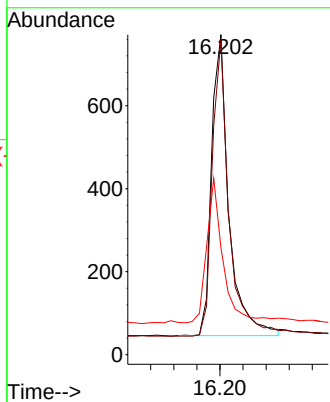
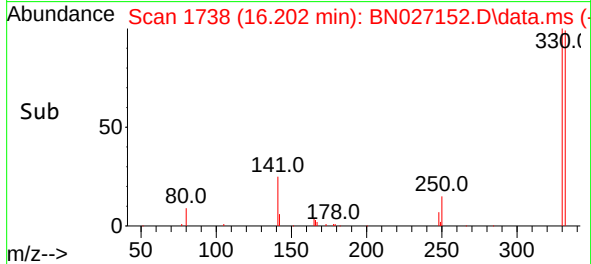


#14  
2,4,6-Tribromophenol  
Concen: 0.312 ng  
RT: 16.202 min Scan# 1738  
Delta R.T. 0.000 min  
Lab File: BN027152.D  
Acq: 26 Aug 2023 12:55

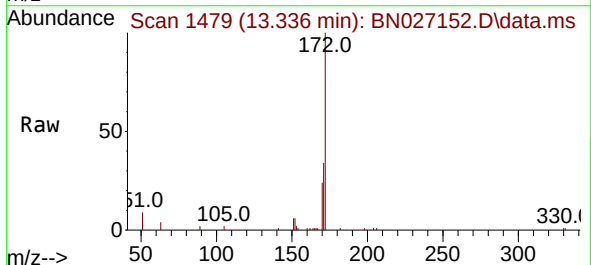
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ClientSampleId :  
TT150S1-20230818



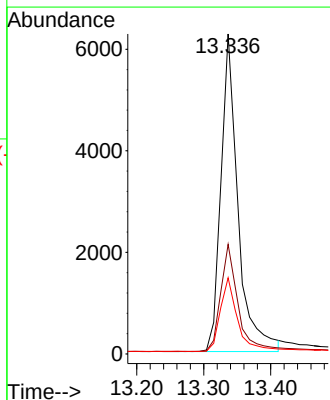
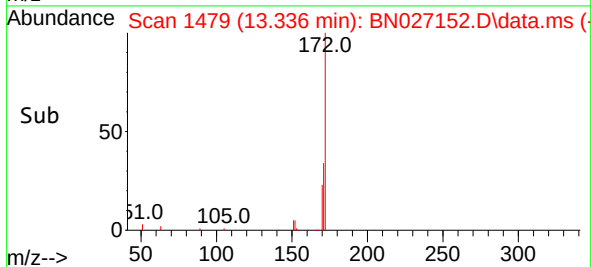
Tgt Ion: 330 Resp: 1504  
Ion Ratio Lower Upper  
330 100  
332 95.3 76.6 114.8  
141 45.1 32.3 48.5

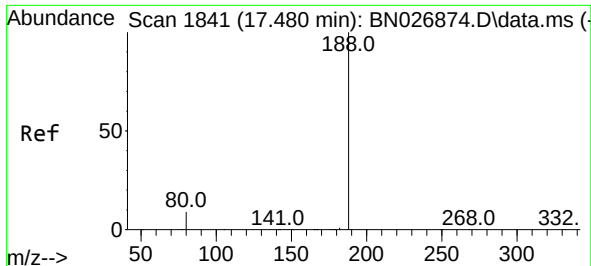


#15  
2-Fluorobiphenyl  
Concen: 0.330 ng  
RT: 13.336 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: BN027152.D  
Acq: 26 Aug 2023 12:55



Tgt Ion: 172 Resp: 11108  
Ion Ratio Lower Upper  
172 100  
171 34.3 27.4 41.0  
170 23.8 18.0 27.0

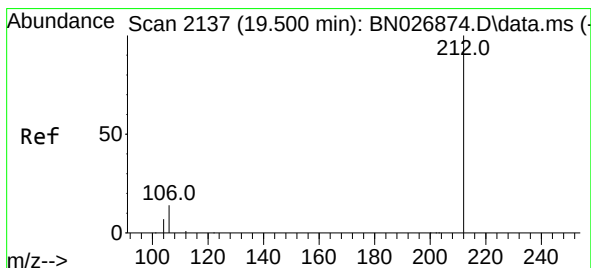
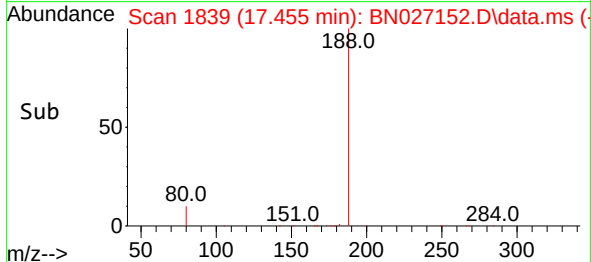
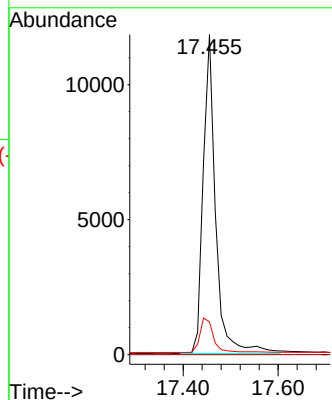
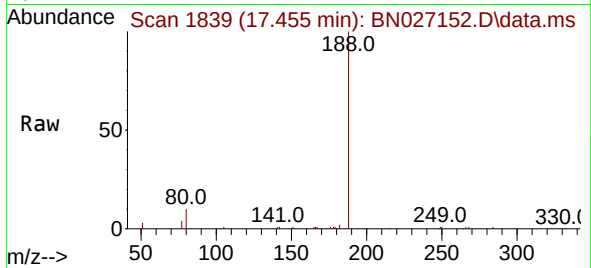




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.455 min Scan# 1839  
Delta R.T. 0.000 min  
Lab File: BN027152.D  
Acq: 26 Aug 2023 12:55

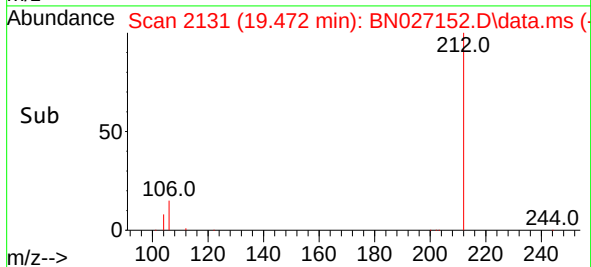
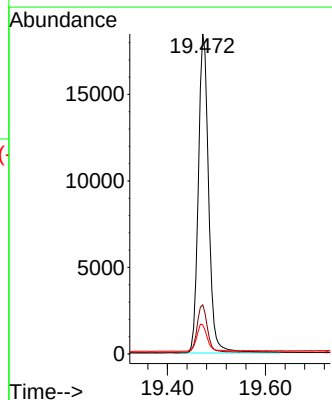
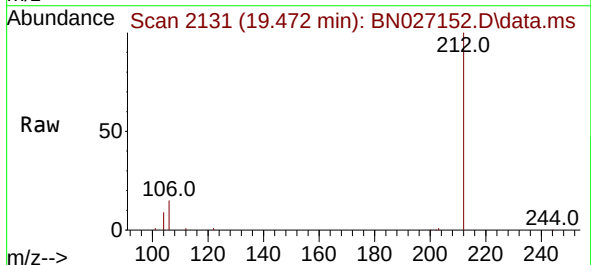
Instrument :  
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ClientSampleId :  
TT150S1-20230818

Tgt Ion:188 Resp: 21521  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.3 7.4 11.2

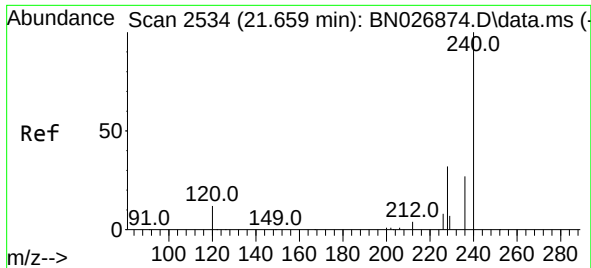


#27  
Fluoranthene-d10  
Concen: 0.487 ng  
RT: 19.472 min Scan# 2131  
Delta R.T. -0.005 min  
Lab File: BN027152.D  
Acq: 26 Aug 2023 12:55

Tgt Ion:212 Resp: 26885  
Ion Ratio Lower Upper  
212 100  
106 15.0 10.9 16.3  
104 8.7 5.9 8.9



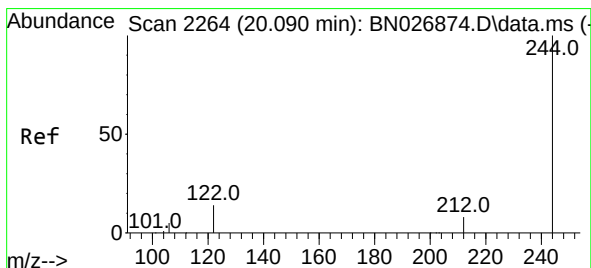
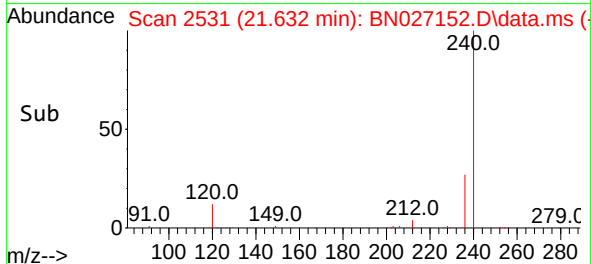
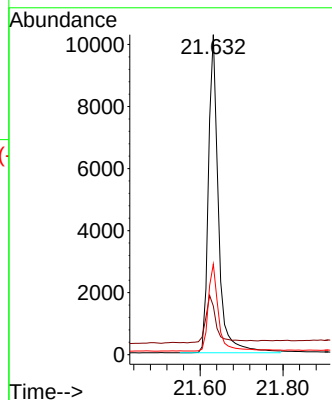
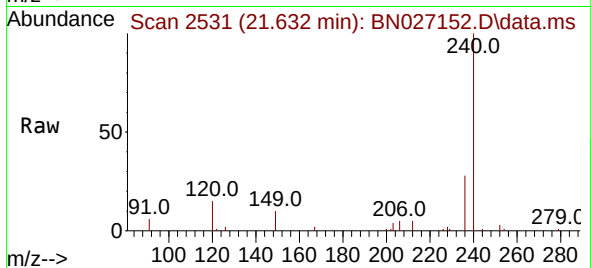




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.632 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN027152.D  
Acq: 26 Aug 2023 12:55

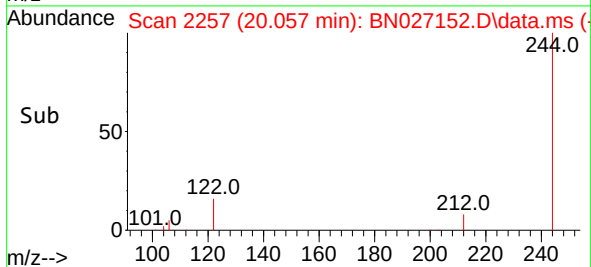
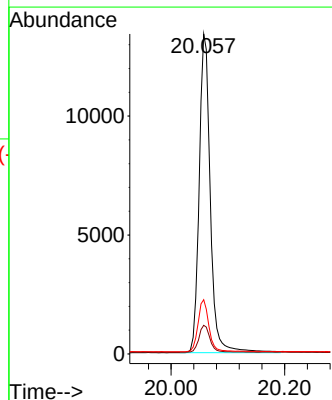
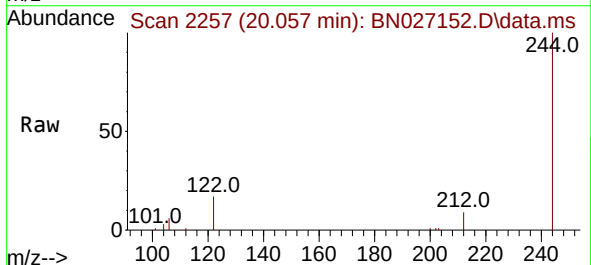
Instrument :  
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ClientSampleId :  
TT150S1-20230818

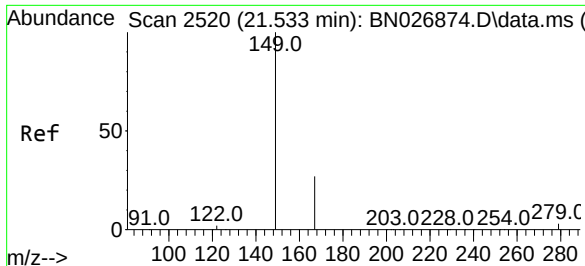
Tgt Ion:240 Resp: 17296  
Ion Ratio Lower Upper  
240 100  
120 15.2 11.1 16.7  
236 28.3 22.2 33.2



#31  
Terphenyl-d14  
Concen: 0.504 ng  
RT: 20.057 min Scan# 2257  
Delta R.T. -0.005 min  
Lab File: BN027152.D  
Acq: 26 Aug 2023 12:55

Tgt Ion:244 Resp: 18208  
Ion Ratio Lower Upper  
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212 9.0 6.9 10.3  
122 17.0 11.9 17.9

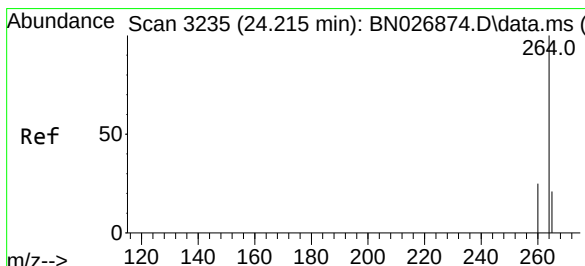
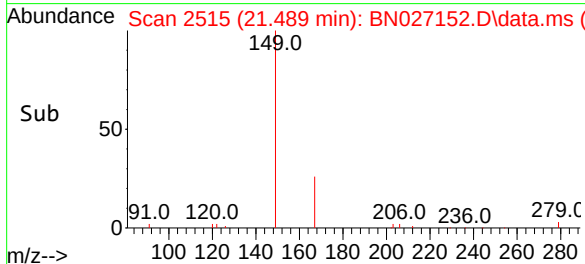
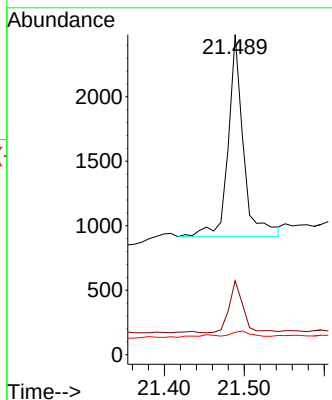
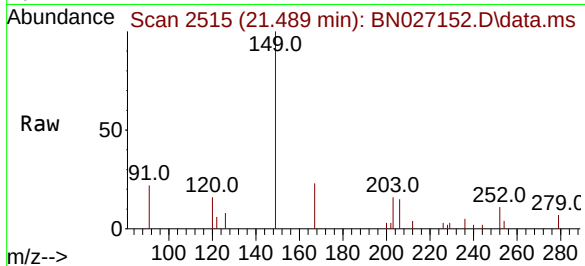




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.046 ng  
 RT: 21.489 min Scan# 2149  
 Delta R.T. -0.009 min  
 Lab File: BN027152.D  
 Acq: 26 Aug 2023 12:55

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT150S1-20230818

Tgt Ion:149 Resp: 2065  
 Ion Ratio Lower Upper  
 149 100  
 167 23.6 21.4 32.0  
 279 3.2 3.6 5.4#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.165 min Scan# 3218  
 Delta R.T. -0.006 min  
 Lab File: BN027152.D  
 Acq: 26 Aug 2023 12:55

Tgt Ion:264 Resp: 15800  
 Ion Ratio Lower Upper  
 264 100  
 260 26.3 20.4 30.6  
 265 70.6 27.0 40.6#

