

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
 Data File : BN027166.D  
 Acq On : 26 Aug 2023 22:44  
 Operator : MA/JU  
 Sample : 04095-19  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20230818

Quant Time: Aug 26 23:19:58 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

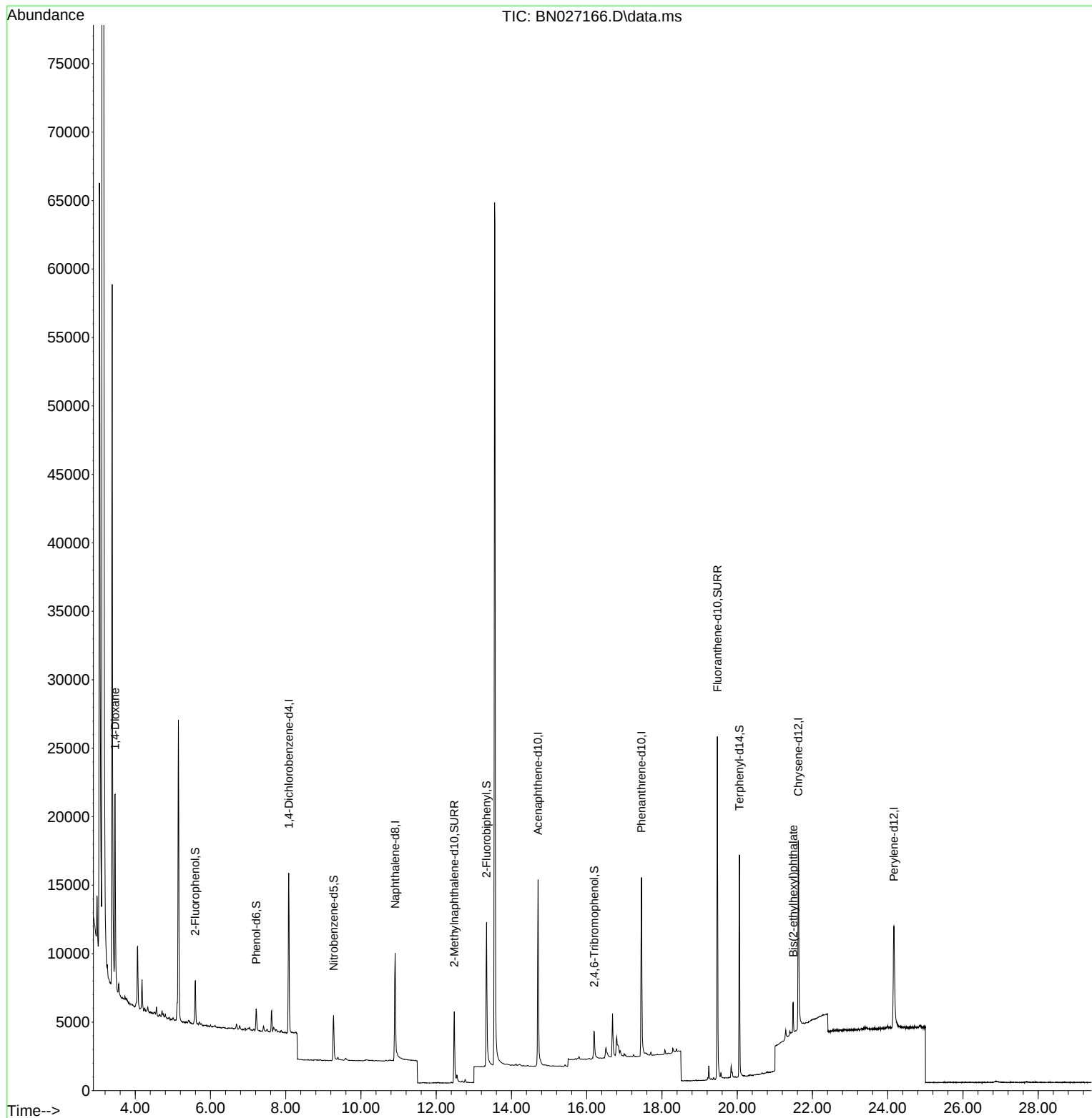
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.080  | 152  | 5822     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.906 | 136  | 12865    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.705 | 164  | 8792     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.455 | 188  | 20399    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.623 | 240  | 16013    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.165 | 264  | 14147    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.596  | 112  | 2688     | 0.164 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.214  | 99   | 1738     | 0.086 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.273  | 82   | 3207     | 0.295 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.479 | 152  | 8445     | 0.413 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.202 | 330  | 1501     | 0.321 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.336 | 172  | 10953    | 0.336 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.472 | 212  | 26711    | 0.511 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.057 | 244  | 16373    | 0.489 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.465  | 88   | 10501    | 1.677 | ng    | # 94     |
| 34) Bis(2-ethylhexyl)phtha... | 21.488 | 149  | 2401     | 0.058 | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

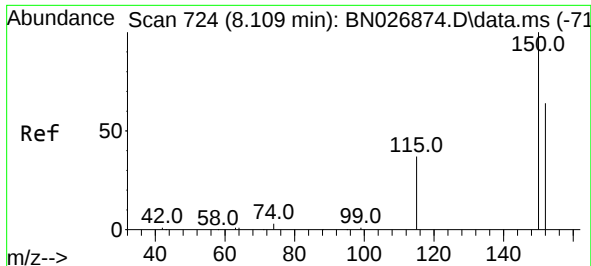
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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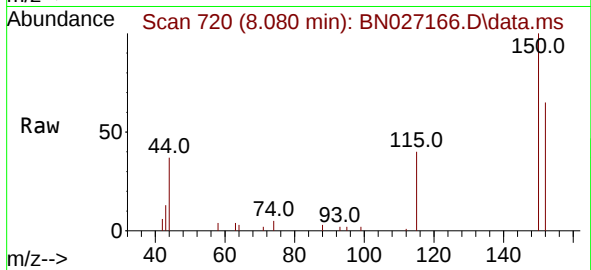
Quant Time: Aug 26 23:19:58 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Aug 26 02:13:59 2023  
Response via : Initial Calibration



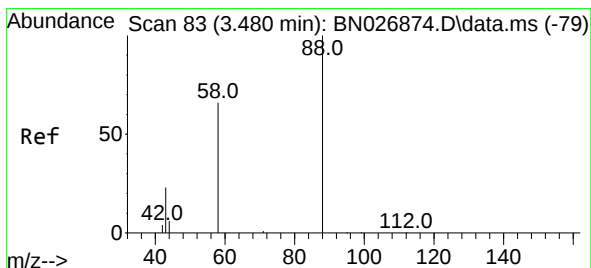
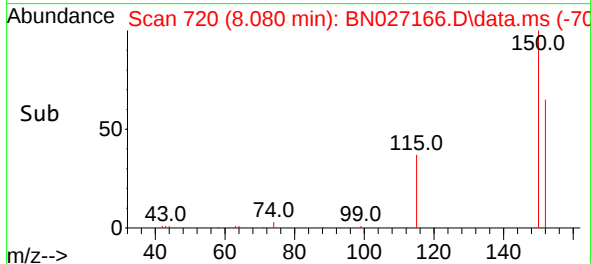
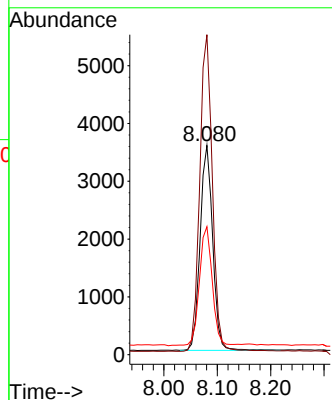


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.080 min Scan# 71  
Delta R.T. -0.008 min  
Lab File: BN027166.D  
Acq: 26 Aug 2023 22:44

Instrument :  
BNA\_N  
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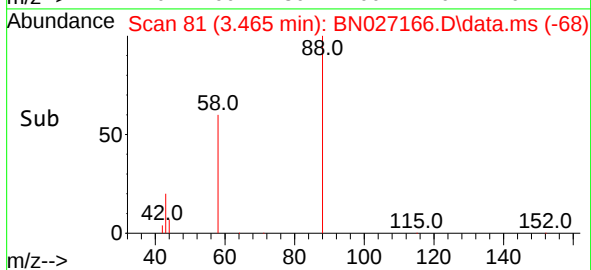
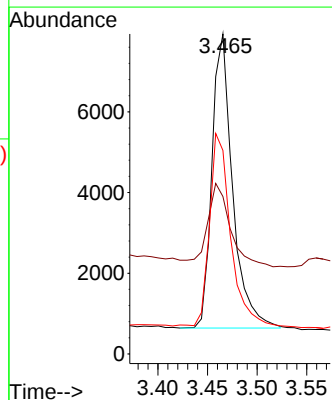
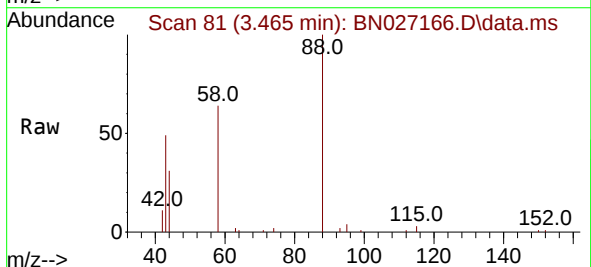


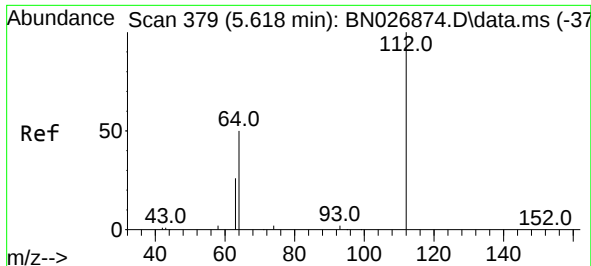
Tgt Ion:152 Resp: 5822  
Ion Ratio Lower Upper  
152 100  
150 152.9 123.8 185.6  
115 61.2 49.7 74.5



#2  
1,4-Dioxane  
Concen: 1.677 ng  
RT: 3.465 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BN027166.D  
Acq: 26 Aug 2023 22:44

Tgt Ion: 88 Resp: 10501  
Ion Ratio Lower Upper  
88 100  
43 32.0 19.2 28.8#  
58 66.1 54.5 81.7

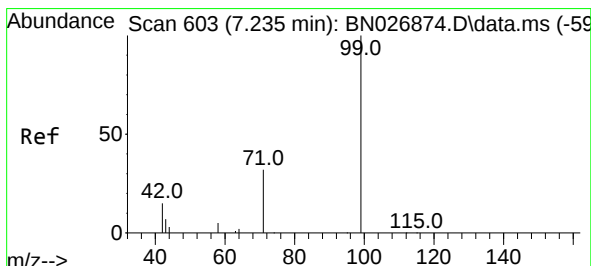
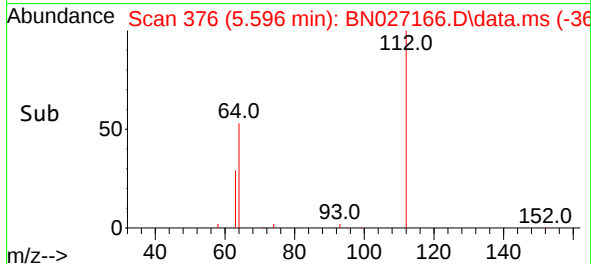
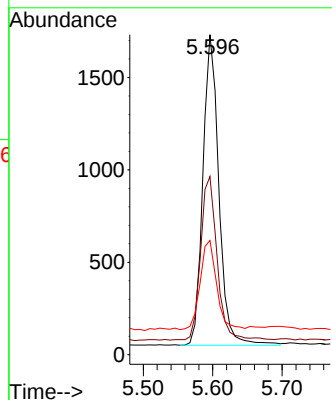
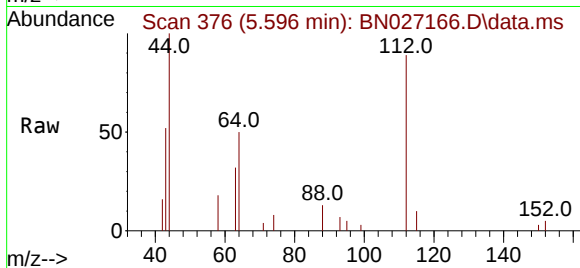




#4  
2-Fluorophenol  
Concen: 0.164 ng  
RT: 5.596 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BN027166.D  
Acq: 26 Aug 2023 22:44

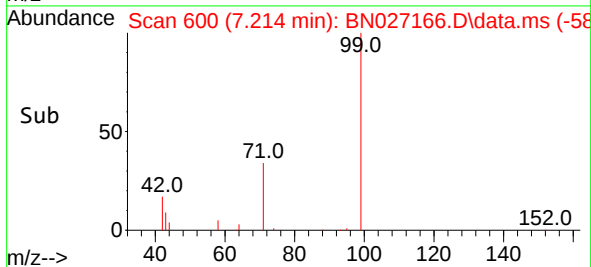
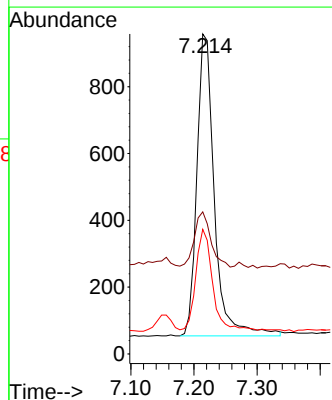
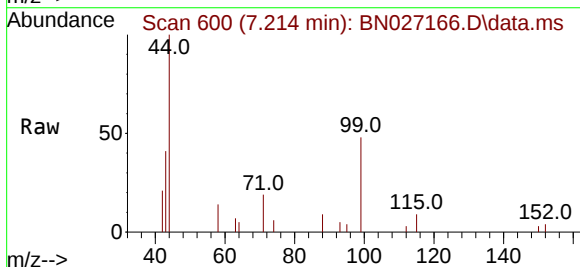
Instrument :  
BNA\_N  
ClientSampleId :  
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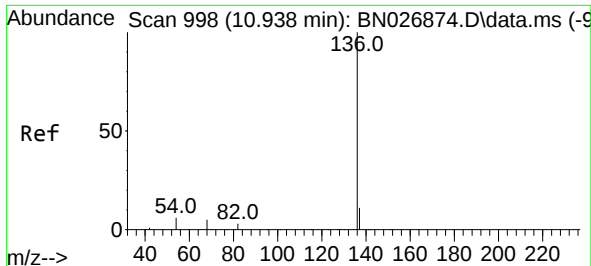
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 2688  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 54.4  | 41.5  | 62.3  |
| 63       | 29.3  | 21.7  | 32.5  |



#5  
Phenol-d6  
Concen: 0.086 ng  
RT: 7.214 min Scan# 600  
Delta R.T. -0.007 min  
Lab File: BN027166.D  
Acq: 26 Aug 2023 22:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1738  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 17.2  | 13.6  | 20.4  |
| 71       | 31.3  | 26.0  | 39.0  |

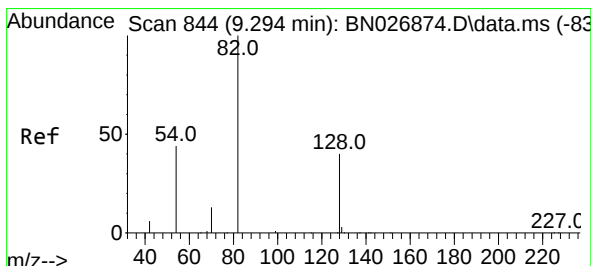
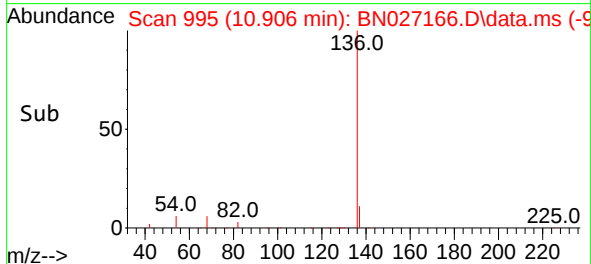
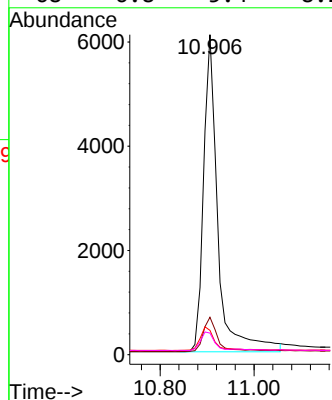
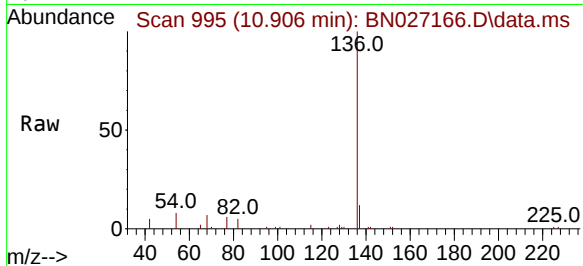




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.906 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BN027166.D  
Acq: 26 Aug 2023 22:44

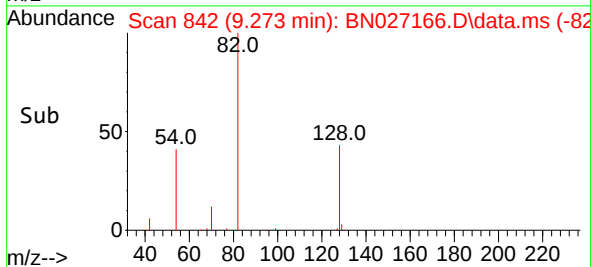
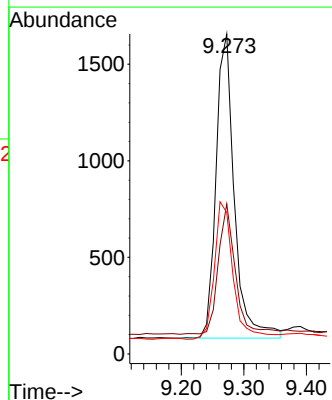
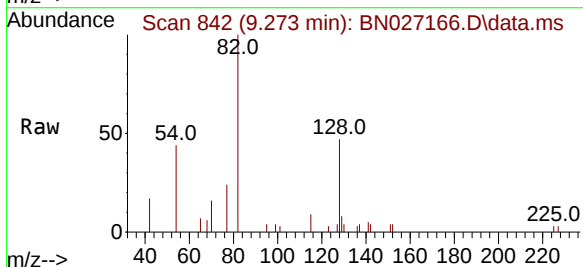
Instrument :  
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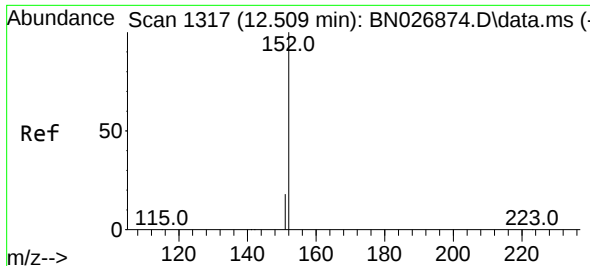
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 12865 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.7  | 9.0   | 13.6  |
| 54       | 7.6   | 5.5   | 8.3   |
| 68       | 6.8   | 5.4   | 8.2   |



#8  
Nitrobenzene-d5  
Concen: 0.295 ng  
RT: 9.273 min Scan# 842  
Delta R.T. 0.000 min  
Lab File: BN027166.D  
Acq: 26 Aug 2023 22:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3207  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 46.9  | 34.1  | 51.1  |
| 54       | 44.2  | 37.0  | 55.4  |

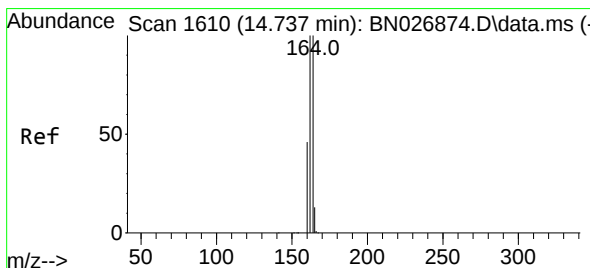
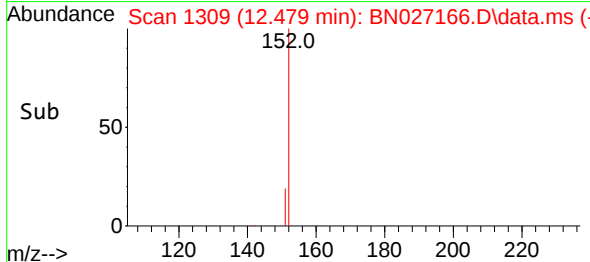
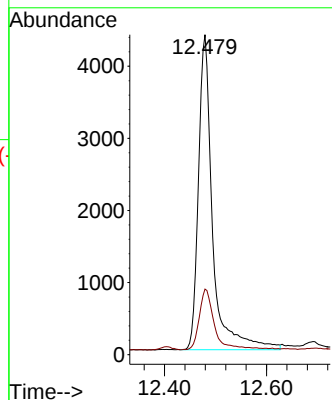
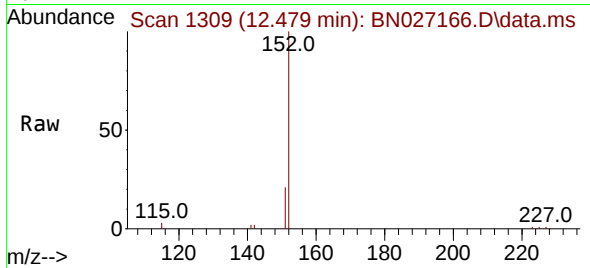




#11  
2-Methylnaphthalene-d10  
Concen: 0.413 ng  
RT: 12.479 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN027166.D  
Acq: 26 Aug 2023 22:44

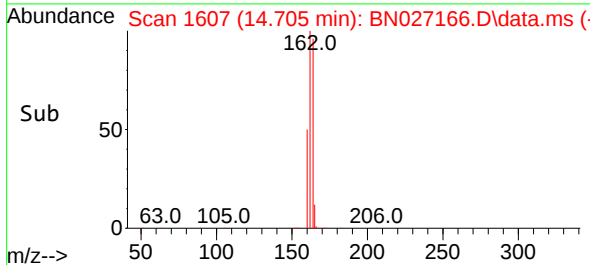
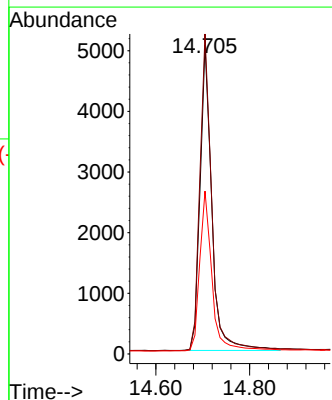
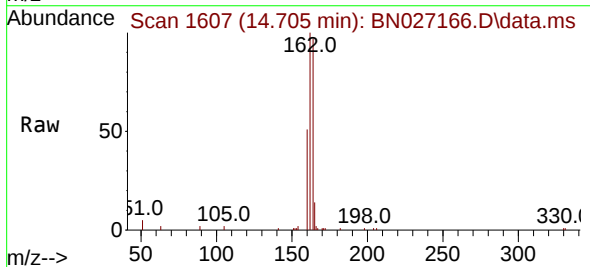
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20230818

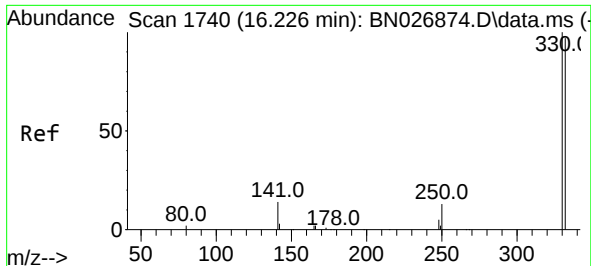
Tgt Ion:152 Resp: 8445  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.3 24.5



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.705 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: BN027166.D  
Acq: 26 Aug 2023 22:44

Tgt Ion:164 Resp: 8792  
Ion Ratio Lower Upper  
164 100  
162 103.6 79.7 119.5  
160 52.7 37.4 56.0

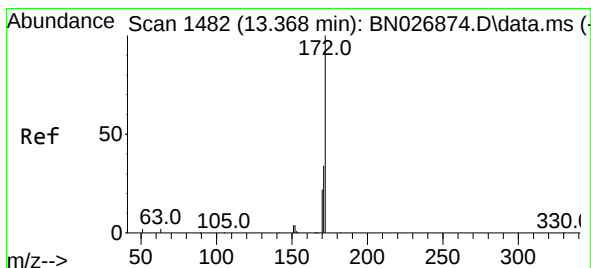
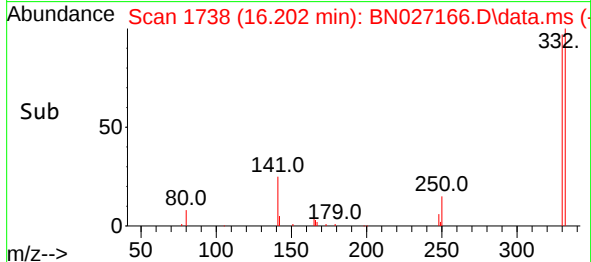
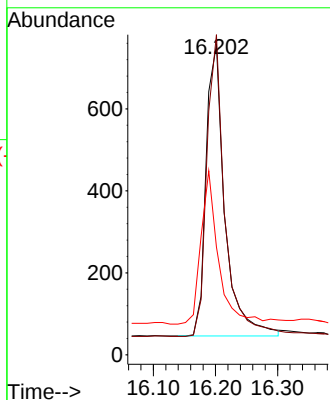
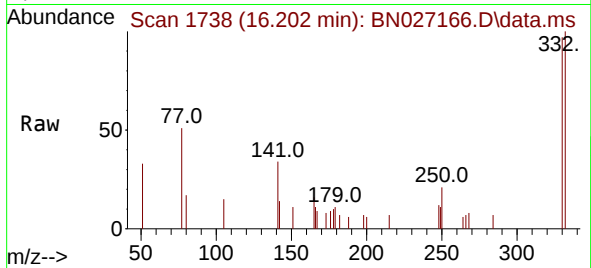




#14  
2,4,6-Tribromophenol  
Concen: 0.321 ng  
RT: 16.202 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN027166.D  
Acq: 26 Aug 2023 22:44

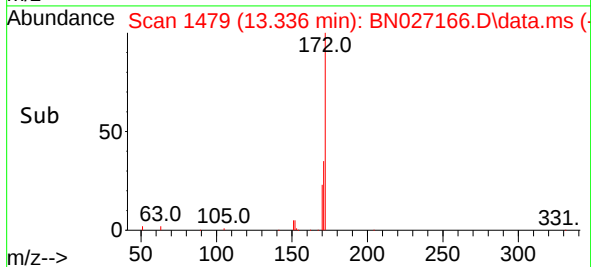
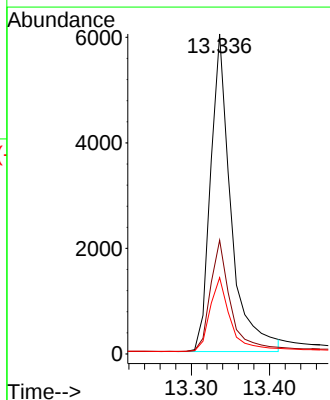
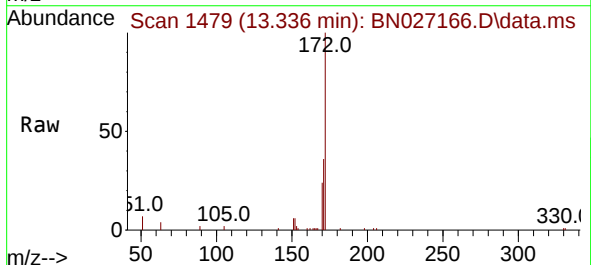
Instrument :  
BNA\_N  
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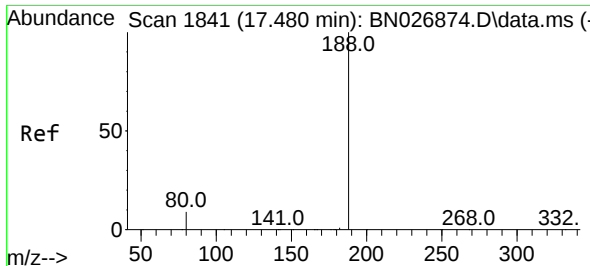
Tgt Ion:330 Resp: 1501  
Ion Ratio Lower Upper  
330 100  
332 99.0 76.6 114.8  
141 49.6 32.3 48.5#



#15  
2-Fluorobiphenyl  
Concen: 0.336 ng  
RT: 13.336 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: BN027166.D  
Acq: 26 Aug 2023 22:44

Tgt Ion:172 Resp: 10953  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.4 41.0  
170 23.8 18.0 27.0

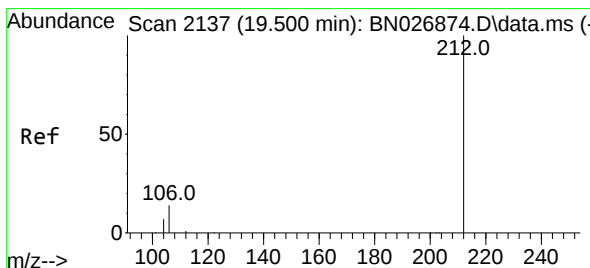
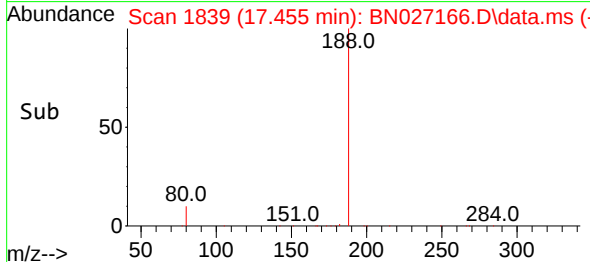
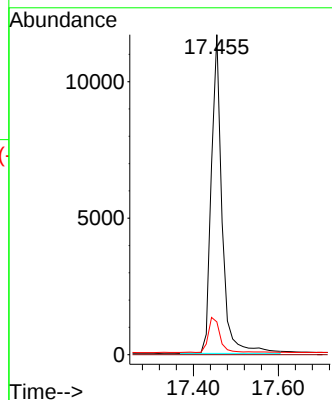
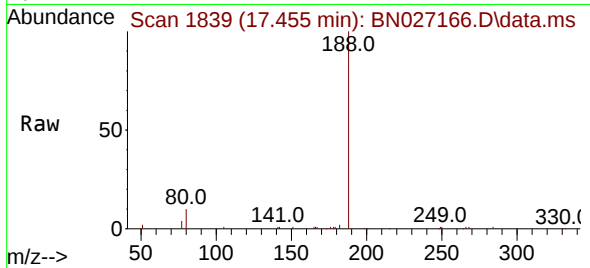




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.455 min Scan# 1839  
Delta R.T. 0.000 min  
Lab File: BN027166.D  
Acq: 26 Aug 2023 22:44

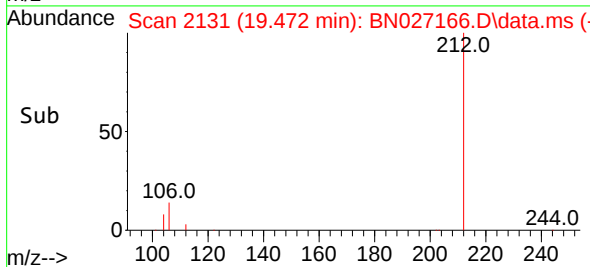
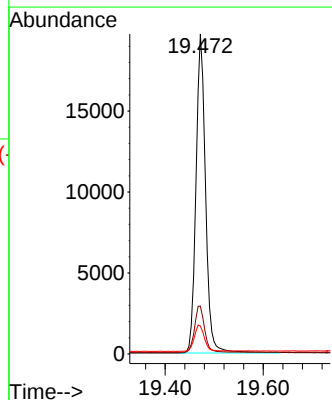
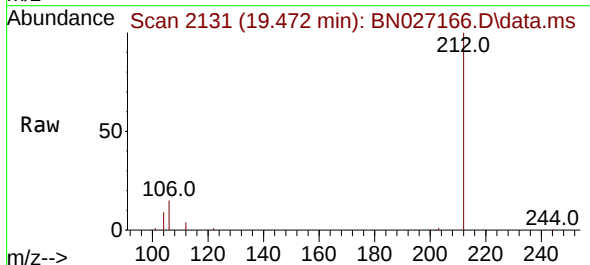
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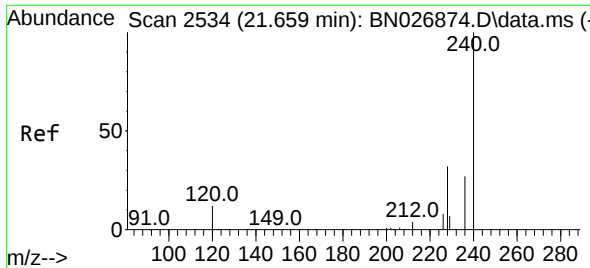
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Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.2 7.4 11.2



#27  
Fluoranthene-d10  
Concen: 0.511 ng  
RT: 19.472 min Scan# 2131  
Delta R.T. -0.005 min  
Lab File: BN027166.D  
Acq: 26 Aug 2023 22:44

Tgt Ion:212 Resp: 26711  
Ion Ratio Lower Upper  
212 100  
106 15.5 10.9 16.3  
104 8.6 5.9 8.9

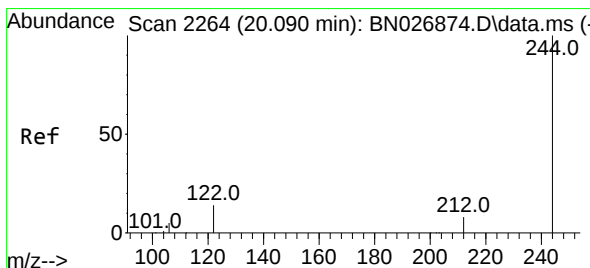
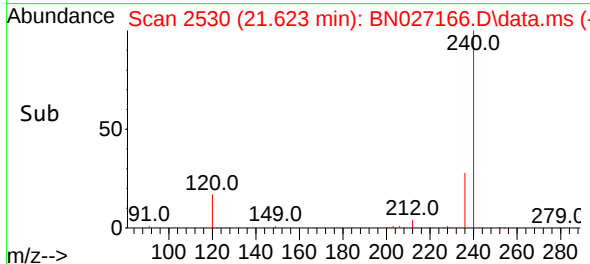
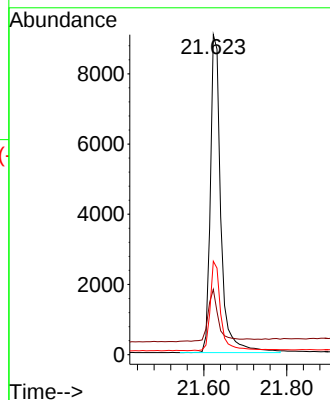
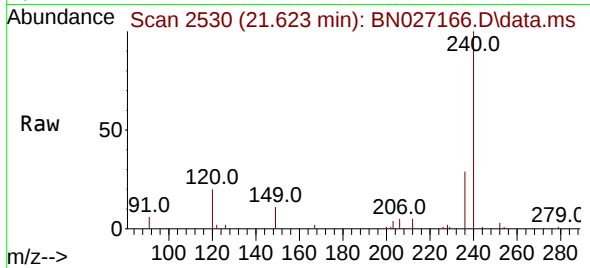




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.623 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN027166.D  
Acq: 26 Aug 2023 22:44

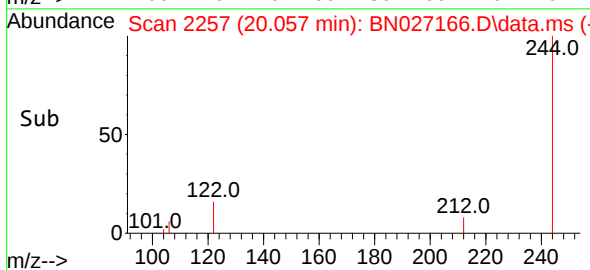
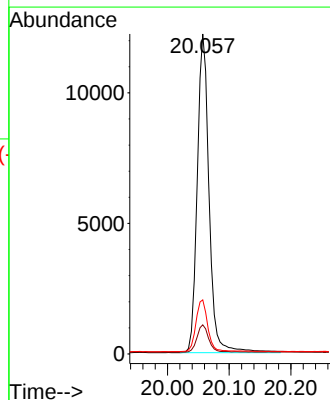
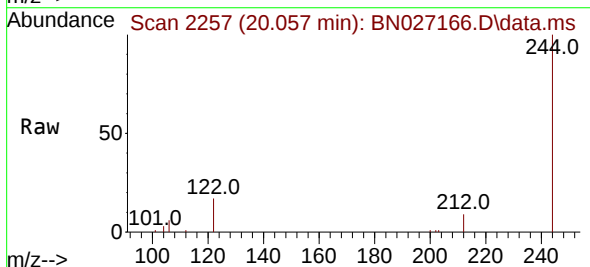
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20230818

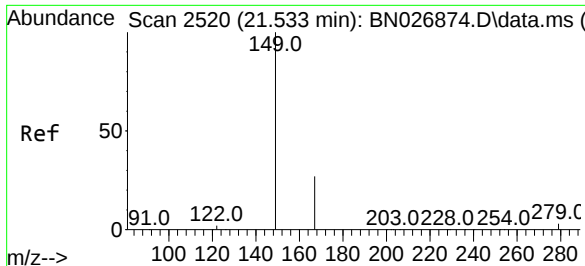
Tgt Ion:240 Resp: 16013  
Ion Ratio Lower Upper  
240 100  
120 20.4 11.1 16.7#  
236 29.2 22.2 33.2



#31  
Terphenyl-d14  
Concen: 0.489 ng  
RT: 20.057 min Scan# 2257  
Delta R.T. -0.005 min  
Lab File: BN027166.D  
Acq: 26 Aug 2023 22:44

Tgt Ion:244 Resp: 16373  
Ion Ratio Lower Upper  
244 100  
212 9.1 6.9 10.3  
122 16.9 11.9 17.9

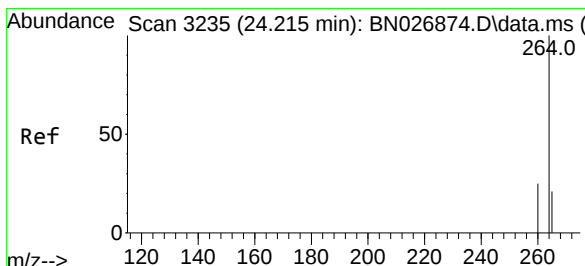
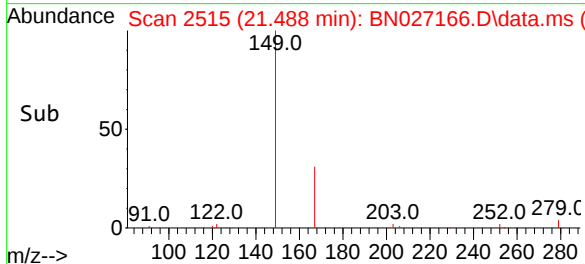
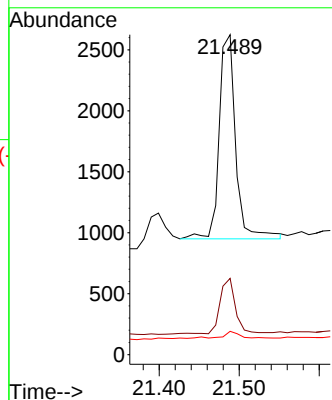
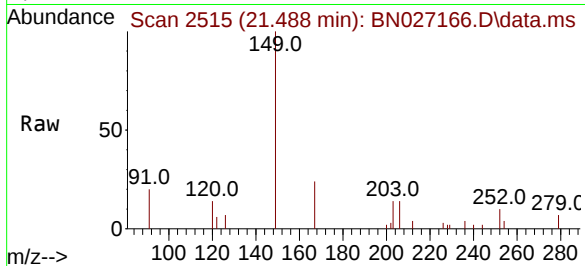




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.058 ng  
 RT: 21.488 min Scan# 2149  
 Delta R.T. -0.009 min  
 Lab File: BN027166.D  
 Acq: 26 Aug 2023 22:44

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20230818

Tgt Ion:149 Resp: 2401  
 Ion Ratio Lower Upper  
 149 100  
 167 24.6 21.4 32.0  
 279 3.0 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: BN027166.D  
 Acq: 26 Aug 2023 22:44

Tgt Ion:264 Resp: 14147  
 Ion Ratio Lower Upper  
 264 100  
 260 26.3 20.4 30.6  
 265 75.0 27.0 40.6#

