

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032725\  
 Data File : BN036731.D  
 Acq On : 27 Mar 2025 11:01  
 Operator : RC/JU  
 Sample : Q1608-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20250317

Quant Time: Mar 27 11:56:16 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 16:06:28 2025  
 Response via : Initial Calibration

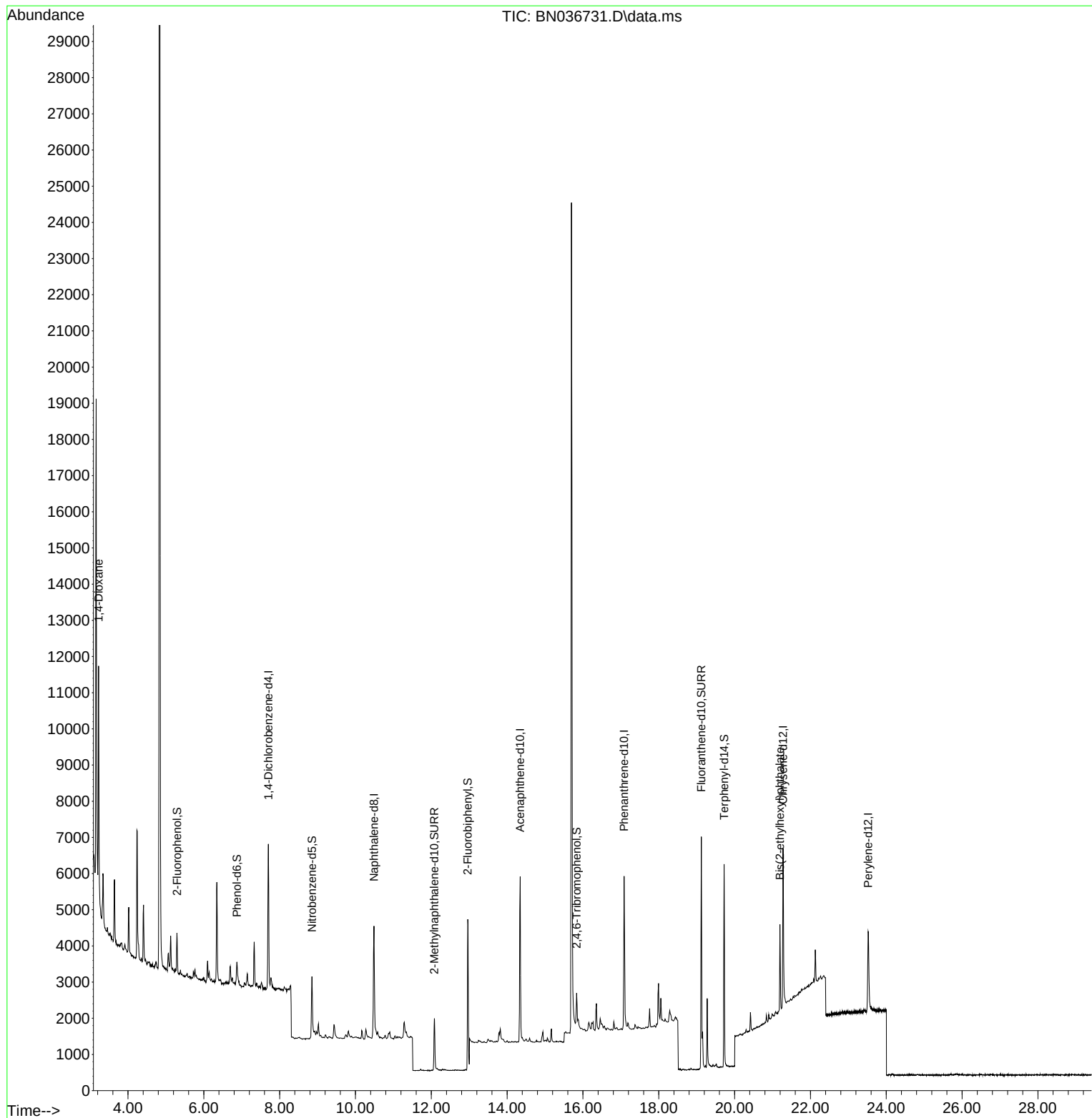
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.703  | 152  | 1886     | 0.400 | ng    | -0.02    |
| 7) Naphthalene-d8             | 10.487 | 136  | 4452     | 0.400 | ng    | -0.02    |
| 13) Acenaphthene-d10          | 14.345 | 164  | 2731     | 0.400 | ng    | -0.02    |
| 19) Phenanthrene-d10          | 17.086 | 188  | 5790     | 0.400 | ng    | #-0.02   |
| 29) Chrysene-d12              | 21.277 | 240  | 4693     | 0.400 | ng    | -0.02    |
| 35) Perylene-d12              | 23.525 | 264  | 3462     | 0.400 | ng    | -0.03    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.298  | 112  | 775      | 0.176 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.872  | 99   | 497      | 0.092 | ng    | -0.03    |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 1595     | 0.329 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.080 | 152  | 2218     | 0.335 | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 528      | 0.426 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 12.963 | 172  | 5484     | 0.345 | ng    | -0.03    |
| 27) Fluoranthene-d10          | 19.122 | 212  | 7230     | 0.487 | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.722 | 244  | 5293     | 0.471 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.225  | 88   | 3380     | 1.616 | ng    | # 92     |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149  | 2321     | 0.200 | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

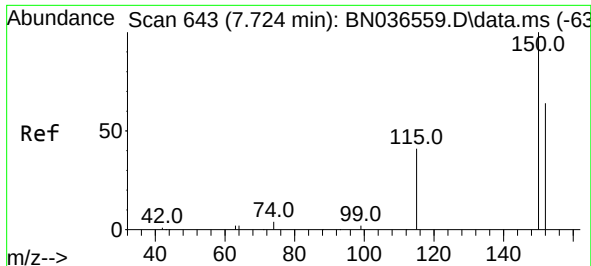
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032725\  
Data File : BN036731.D  
Acq On : 27 Mar 2025 11:01  
Operator : RC/JU  
Sample : Q1608-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20250317

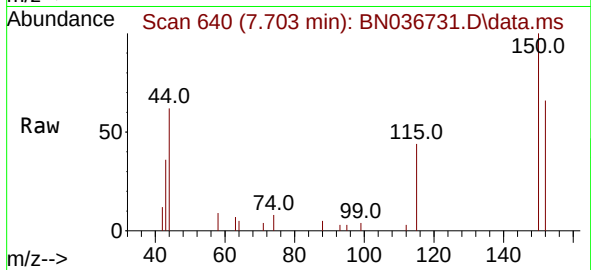
Quant Time: Mar 27 11:56:16 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 16:06:28 2025  
Response via : Initial Calibration



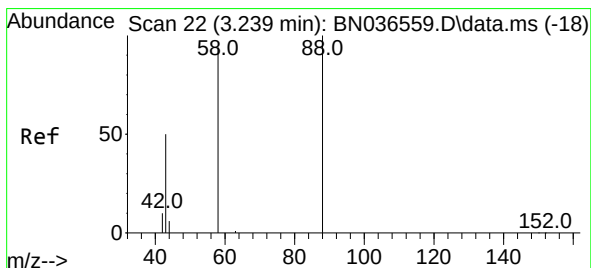
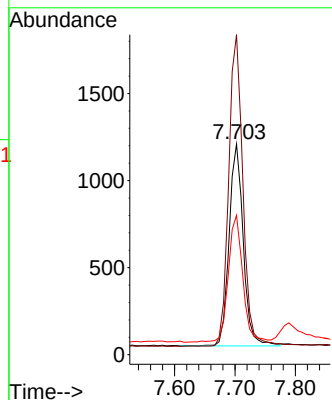
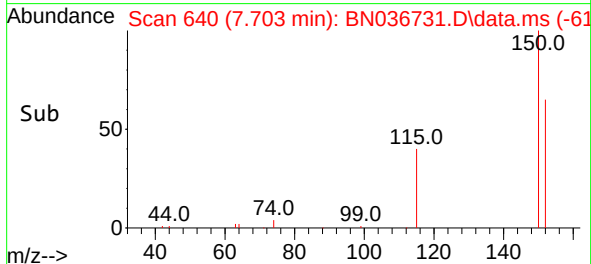


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.703 min Scan# 64  
 Delta R.T. -0.021 min  
 Lab File: BN036731.D  
 Acq: 27 Mar 2025 11:01

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20250317

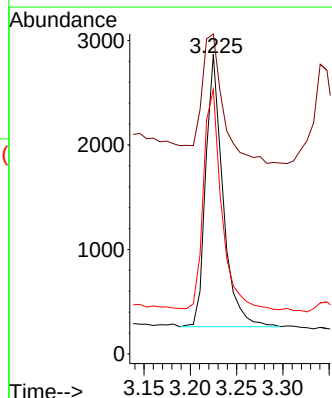
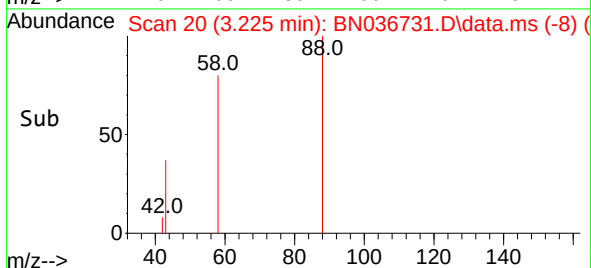
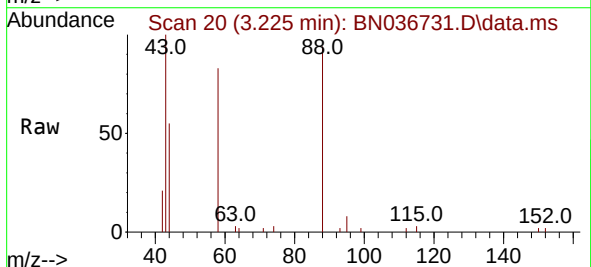


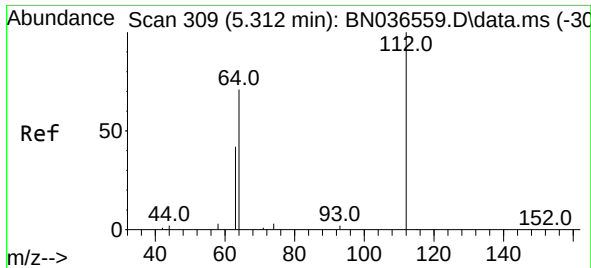
Tgt Ion:152 Resp: 1886  
 Ion Ratio Lower Upper  
 152 100  
 150 151.9 123.7 185.5  
 115 66.2 54.3 81.5



#2  
 1,4-Dioxane  
 Concen: 1.616 ng  
 RT: 3.225 min Scan# 20  
 Delta R.T. -0.014 min  
 Lab File: BN036731.D  
 Acq: 27 Mar 2025 11:01

Tgt Ion: 88 Resp: 3380  
 Ion Ratio Lower Upper  
 88 100  
 43 60.8 37.8 56.8#  
 58 85.3 67.4 101.2

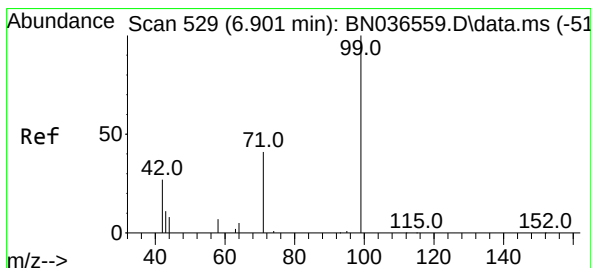
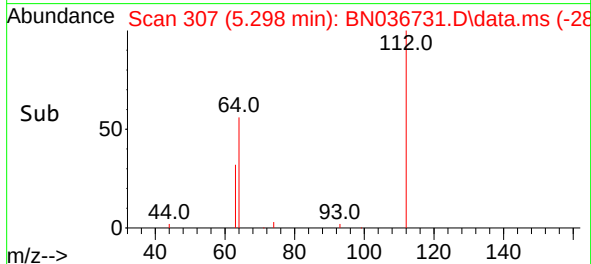
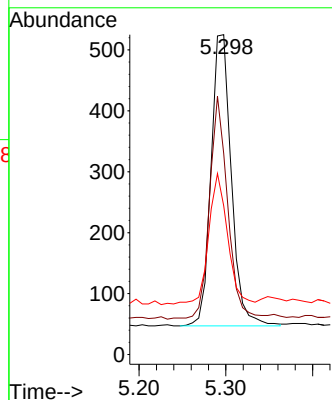
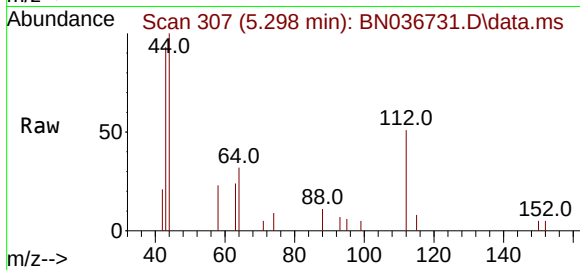




#4  
2-Fluorophenol  
Concen: 0.176 ng  
RT: 5.298 min Scan# 309  
Delta R.T. -0.014 min  
Lab File: BN036731.D  
Acq: 27 Mar 2025 11:01

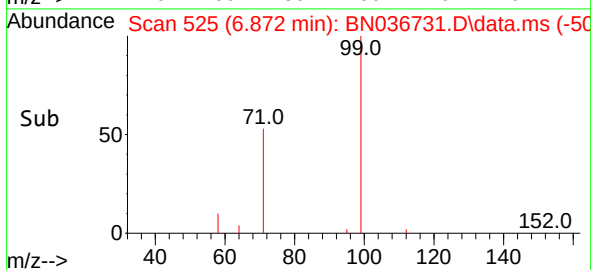
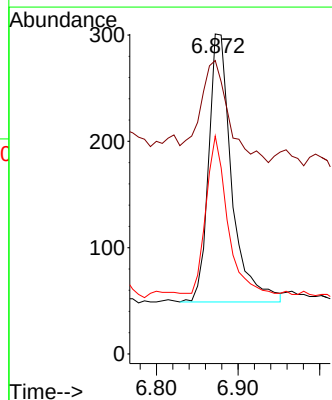
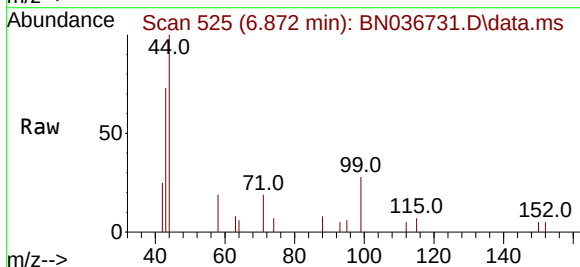
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20250317

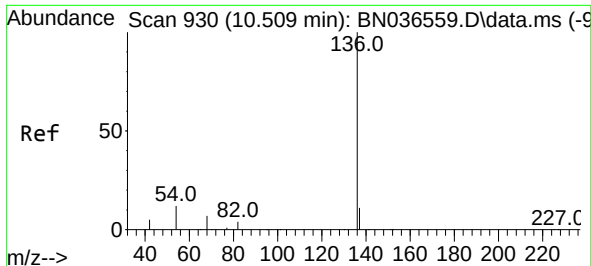
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 775   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 66.7  | 53.1  | 79.7  |
| 63       | 43.1  | 31.8  | 47.8  |



#5  
Phenol-d6  
Concen: 0.092 ng  
RT: 6.872 min Scan# 525  
Delta R.T. -0.029 min  
Lab File: BN036731.D  
Acq: 27 Mar 2025 11:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 497   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 47.7  | 26.5  | 39.7# |
| 71       | 54.9  | 34.1  | 51.1# |

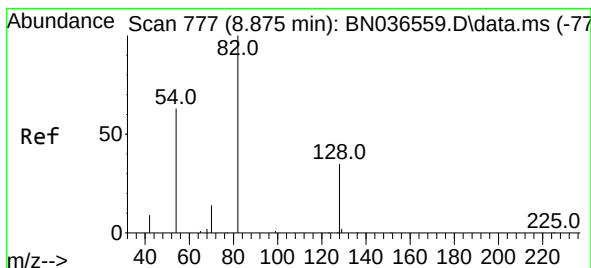
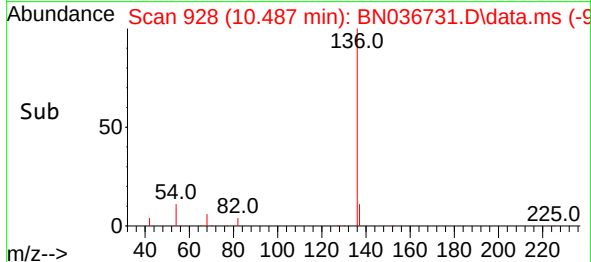
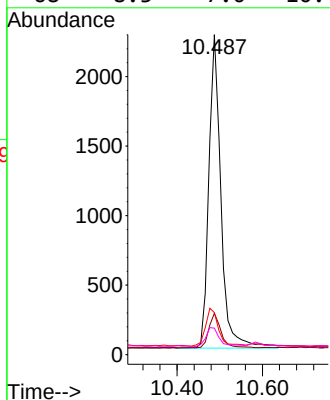
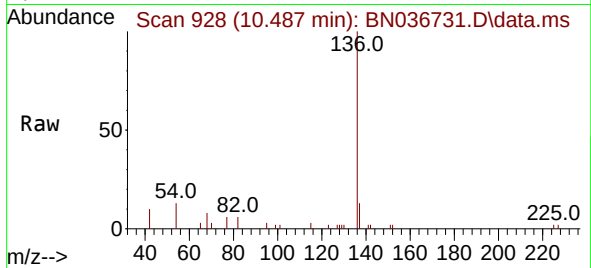




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.487 min Scan# 91  
Delta R.T. -0.021 min  
Lab File: BN036731.D  
Acq: 27 Mar 2025 11:01

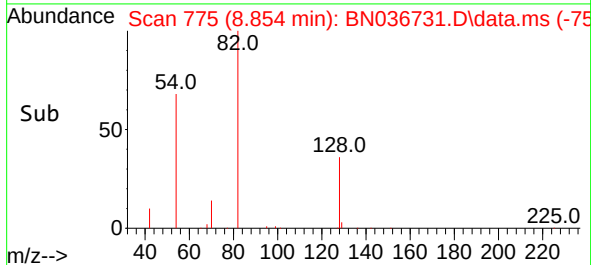
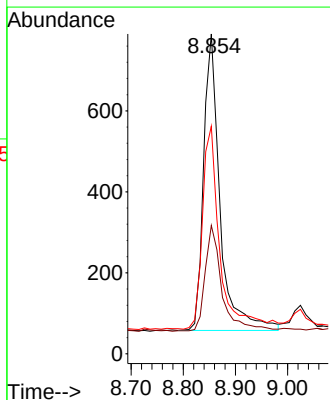
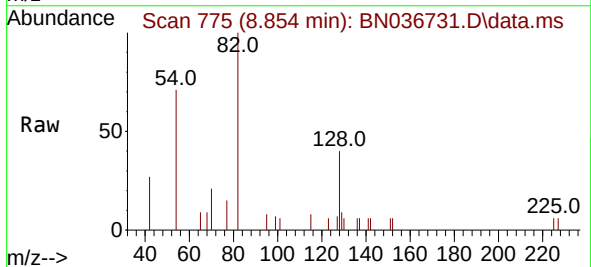
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20250317

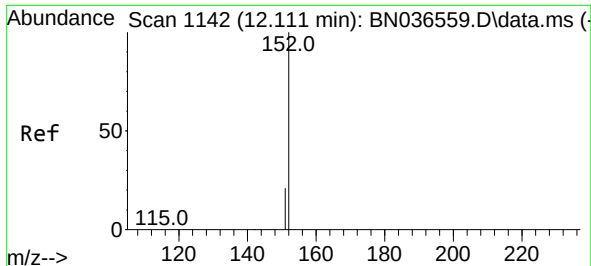
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:136 | Resp: | 4452      |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 13.0  | 10.3 15.5 |
| 54          | 13.2  | 11.5 17.3 |
| 68          | 8.3   | 7.0 10.4  |



#8  
Nitrobenzene-d5  
Concen: 0.329 ng  
RT: 8.854 min Scan# 775  
Delta R.T. -0.021 min  
Lab File: BN036731.D  
Acq: 27 Mar 2025 11:01

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 1595      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 40.1  | 30.6 45.8 |
| 54          | 71.1  | 52.2 78.4 |

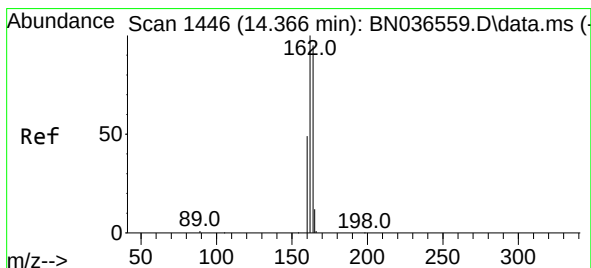
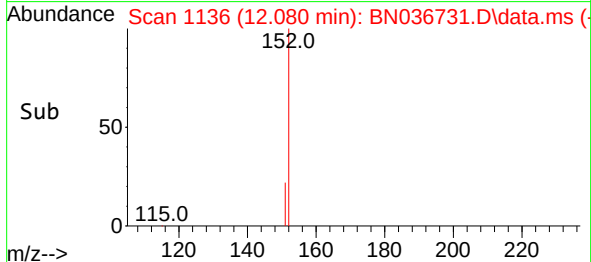
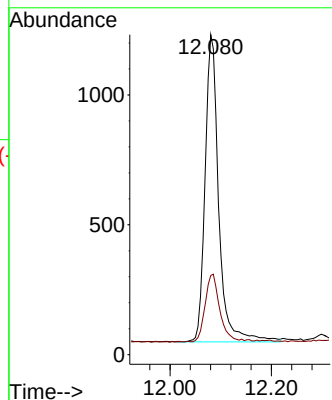
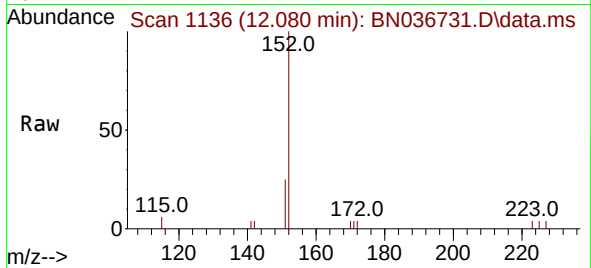




#11  
2-Methylnaphthalene-d10  
Concen: 0.335 ng  
RT: 12.080 min Scan# 1142  
Delta R.T. -0.030 min  
Lab File: BN036731.D  
Acq: 27 Mar 2025 11:01

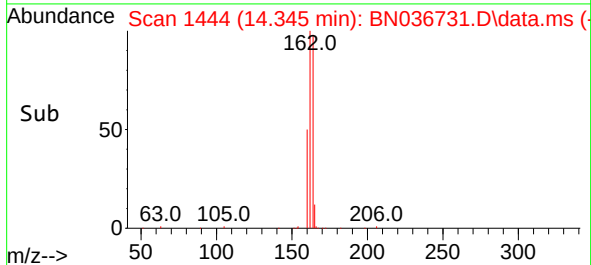
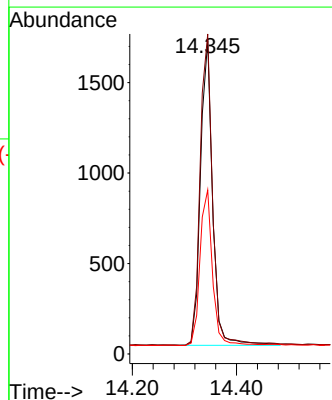
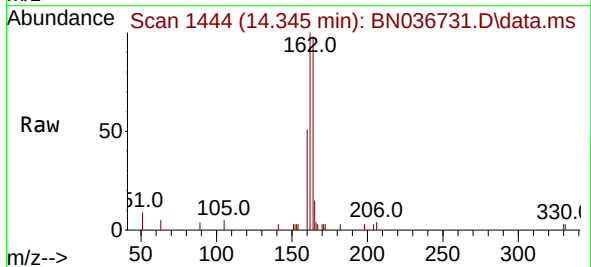
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20250317

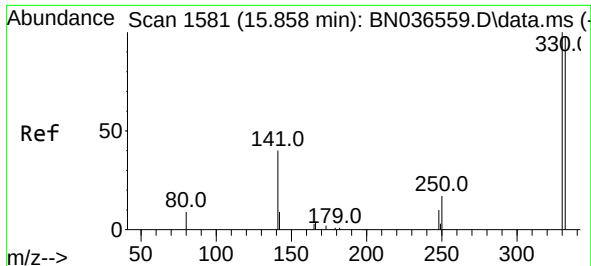
Tgt Ion:152 Resp: 2218  
Ion Ratio Lower Upper  
152 100  
151 24.1 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.345 min Scan# 1444  
Delta R.T. -0.021 min  
Lab File: BN036731.D  
Acq: 27 Mar 2025 11:01

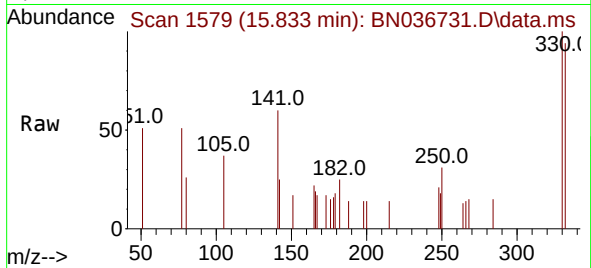
Tgt Ion:164 Resp: 2731  
Ion Ratio Lower Upper  
164 100  
162 102.1 84.2 126.2  
160 52.3 42.2 63.2



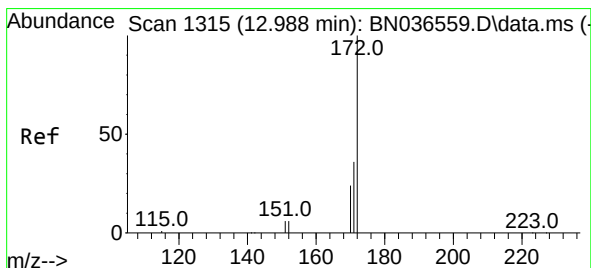
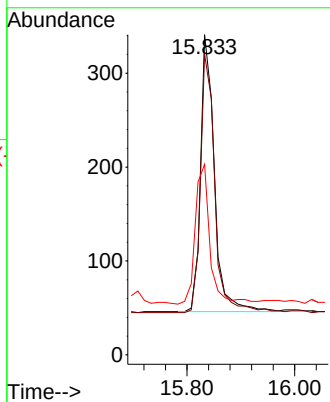
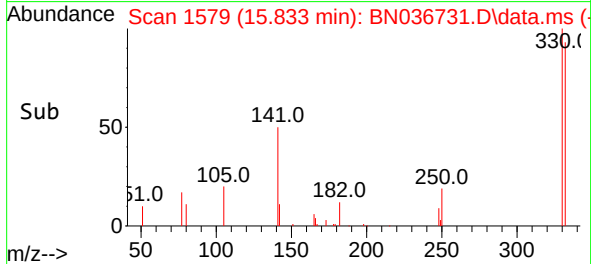


#14  
2,4,6-Tribromophenol  
Concen: 0.426 ng  
RT: 15.833 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: BN036731.D  
Acq: 27 Mar 2025 11:01

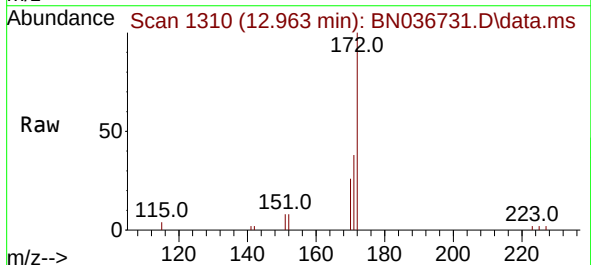
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20250317



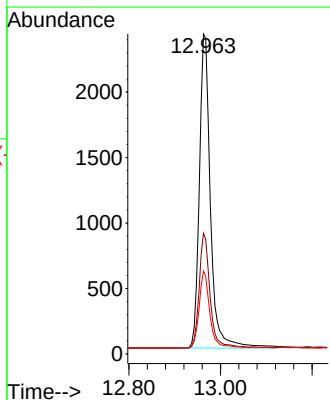
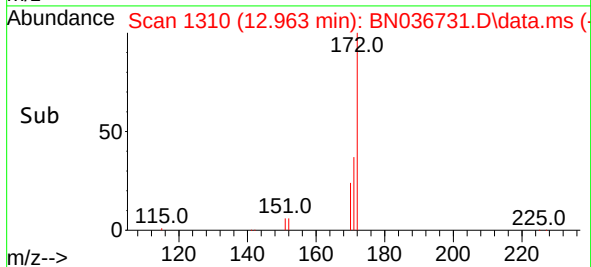
Tgt Ion:330 Resp: 528  
Ion Ratio Lower Upper  
330 100  
332 96.4 75.2 112.8  
141 54.2 43.4 65.2

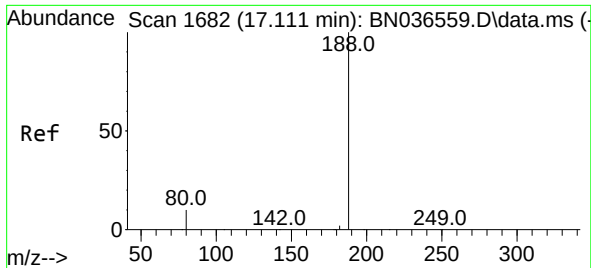


#15  
2-Fluorobiphenyl  
Concen: 0.345 ng  
RT: 12.963 min Scan# 1310  
Delta R.T. -0.025 min  
Lab File: BN036731.D  
Acq: 27 Mar 2025 11:01



Tgt Ion:172 Resp: 5484  
Ion Ratio Lower Upper  
172 100  
171 37.8 29.5 44.3  
170 25.9 20.2 30.4

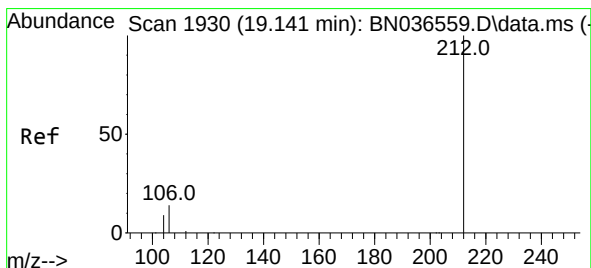
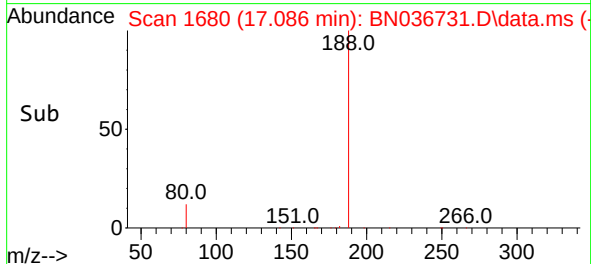
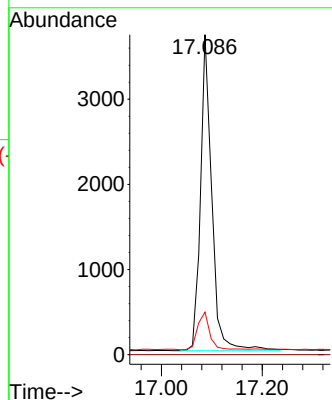
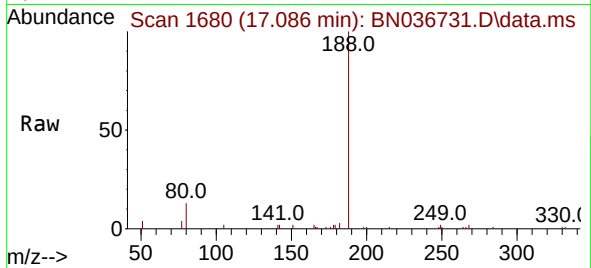




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.086 min Scan# 1  
Delta R.T. -0.025 min  
Lab File: BN036731.D  
Acq: 27 Mar 2025 11:01

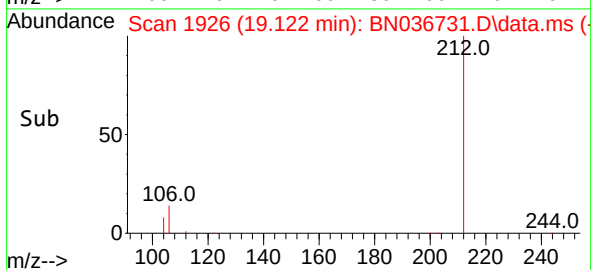
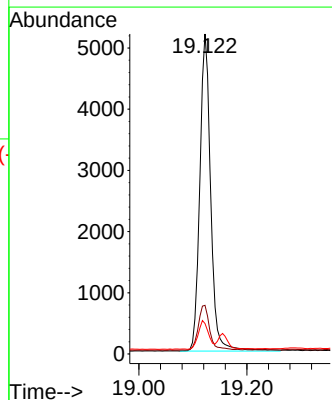
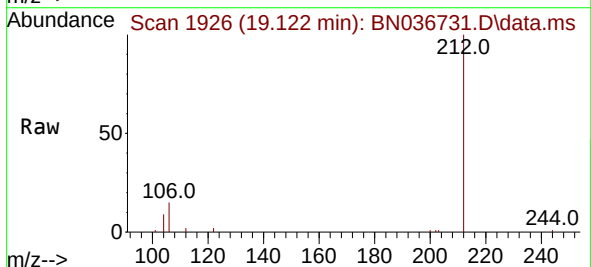
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20250317

Tgt Ion:188 Resp: 5790  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.3 8.8 13.2#

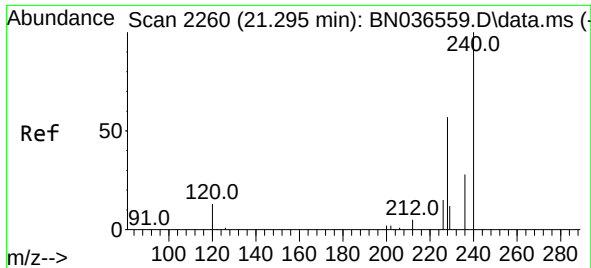


#27  
Fluoranthene-d10  
Concen: 0.487 ng  
RT: 19.122 min Scan# 1926  
Delta R.T. -0.019 min  
Lab File: BN036731.D  
Acq: 27 Mar 2025 11:01

Tgt Ion:212 Resp: 7230  
Ion Ratio Lower Upper  
212 100  
106 14.9 11.8 17.6  
104 8.7 7.3 10.9



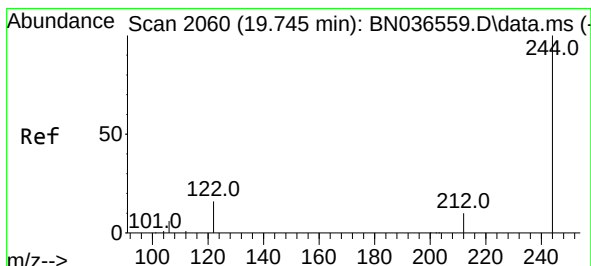
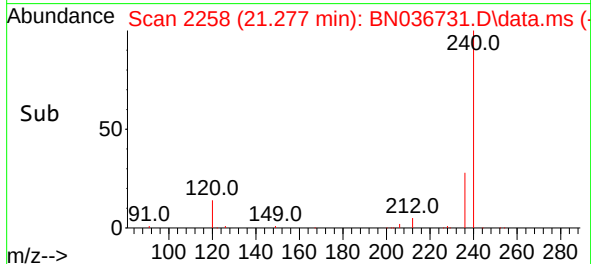
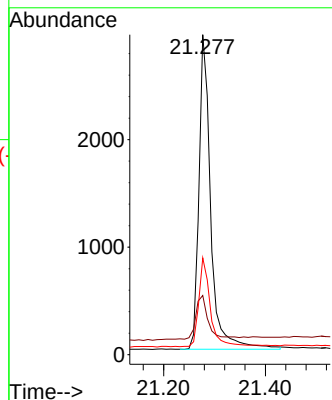
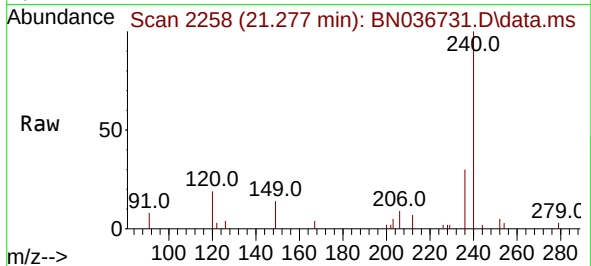




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BN036731.D  
Acq: 27 Mar 2025 11:01

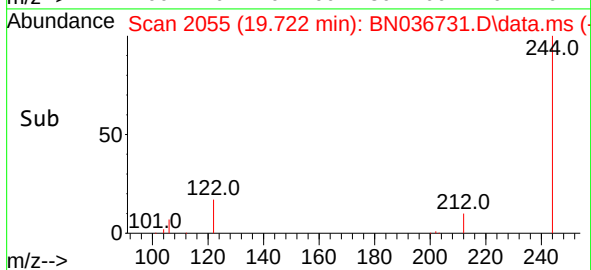
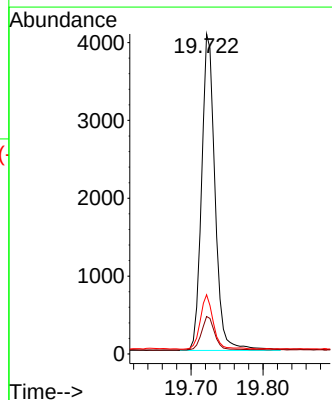
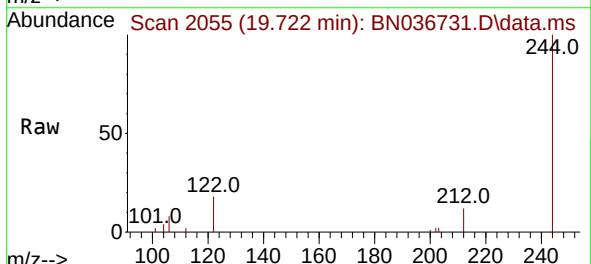
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20250317

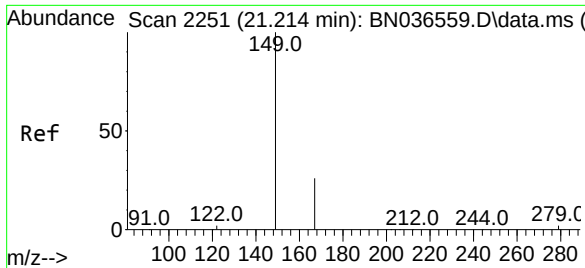
Tgt Ion:240 Resp: 4693  
Ion Ratio Lower Upper  
240 100  
120 18.5 14.6 22.0  
236 30.2 24.1 36.1



#31  
Terphenyl-d14  
Concen: 0.471 ng  
RT: 19.722 min Scan# 2055  
Delta R.T. -0.023 min  
Lab File: BN036731.D  
Acq: 27 Mar 2025 11:01

Tgt Ion:244 Resp: 5293  
Ion Ratio Lower Upper  
244 100  
212 11.7 9.6 14.4  
122 18.5 13.9 20.9

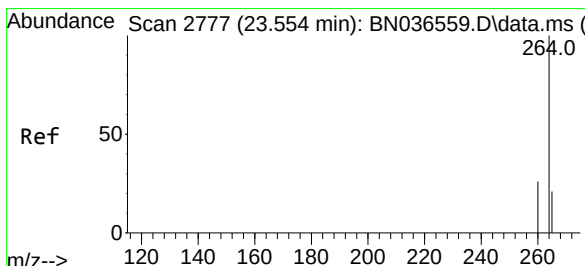
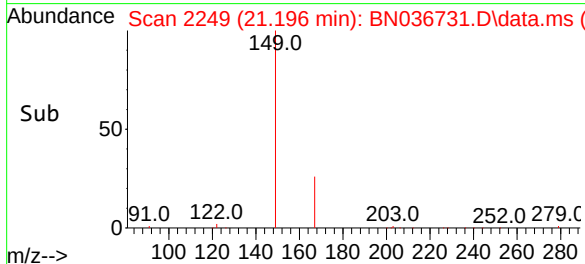
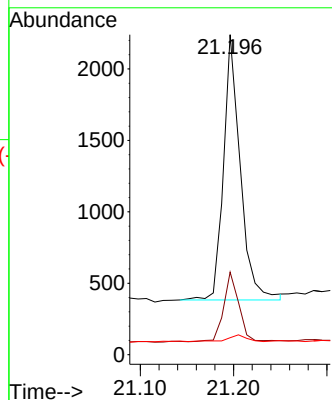
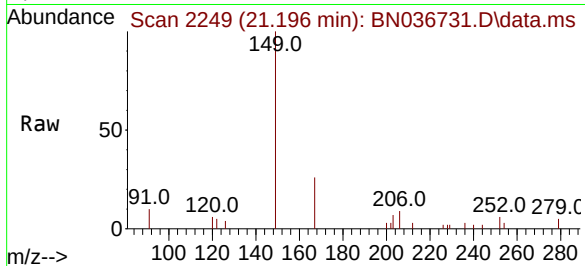




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.200 ng  
 RT: 21.196 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BN036731.D  
 Acq: 27 Mar 2025 11:01

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20250317

Tgt Ion:149 Resp: 2321  
 Ion Ratio Lower Upper  
 149 100  
 167 23.9 20.7 31.1  
 279 2.8 3.6 5.4#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.525 min Scan# 2767  
 Delta R.T. -0.029 min  
 Lab File: BN036731.D  
 Acq: 27 Mar 2025 11:01

Tgt Ion:264 Resp: 3462  
 Ion Ratio Lower Upper  
 264 100  
 260 27.8 22.6 33.8  
 265 99.0 88.1 132.1

