

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032725\  
 Data File : BN036746.D  
 Acq On : 27 Mar 2025 20:27  
 Operator : RC/JU  
 Sample : Q1608-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT205S1-20250317

Quant Time: Mar 28 00:58:11 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

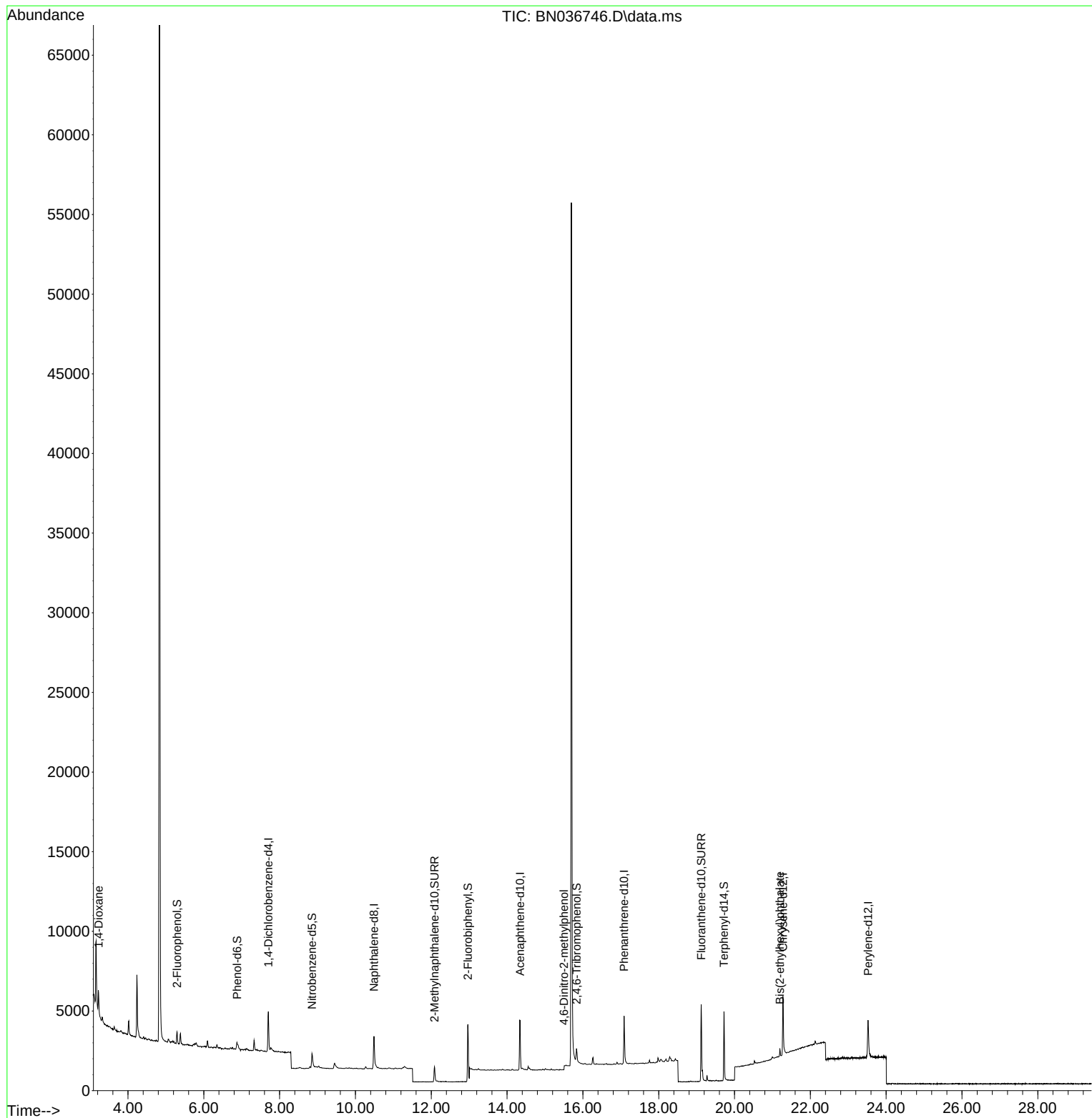
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.703  | 152  | 1291     | 0.400 | ng    | -0.02    |
| 7) Naphthalene-d8             | 10.487 | 136  | 3205     | 0.400 | ng    | -0.02    |
| 13) Acenaphthene-d10          | 14.345 | 164  | 2003     | 0.400 | ng    | -0.02    |
| 19) Phenanthrene-d10          | 17.086 | 188  | 4493     | 0.400 | ng    | #-0.02   |
| 29) Chrysene-d12              | 21.277 | 240  | 3924     | 0.400 | ng    | -0.02    |
| 35) Perylene-d12              | 23.522 | 264  | 3555     | 0.400 | ng    | -0.03    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.298  | 112  | 570      | 0.189 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.879  | 99   | 413      | 0.111 | ng    | -0.02    |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 1113     | 0.319 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.085 | 152  | 1572     | 0.330 | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 482      | 0.530 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 12.968 | 172  | 5151     | 0.442 | ng    | -0.02    |
| 27) Fluoranthene-d10          | 19.122 | 212  | 5729     | 0.498 | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.722 | 244  | 4512     | 0.480 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.225  | 88   | 859      | 0.600 | ng    | # 64     |
| 20) 4,6-Dinitro-2-methylph... | 15.499 | 198  | 1        | 0.147 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149  | 506      | 0.052 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

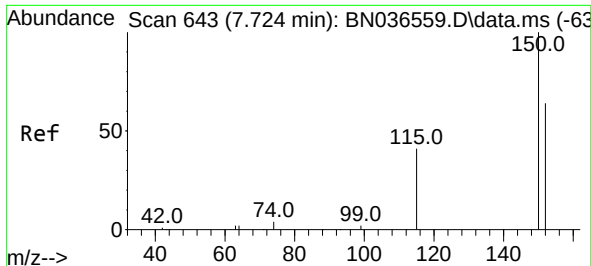
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032725\  
Data File : BN036746.D  
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TT205S1-20250317

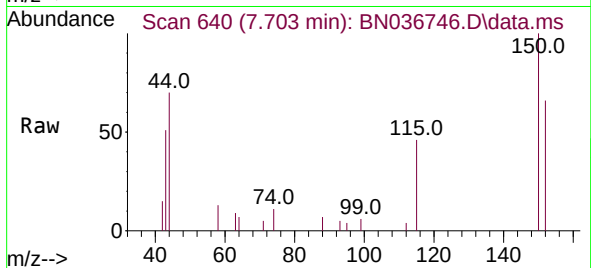
Quant Time: Mar 28 00:58:11 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 16:06:28 2025  
Response via : Initial Calibration



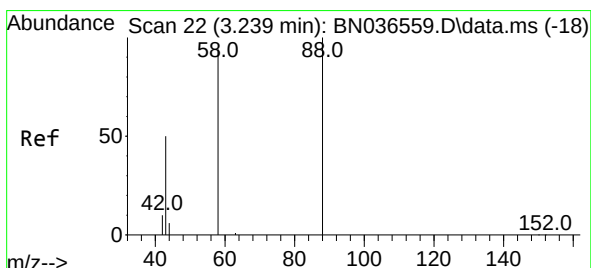
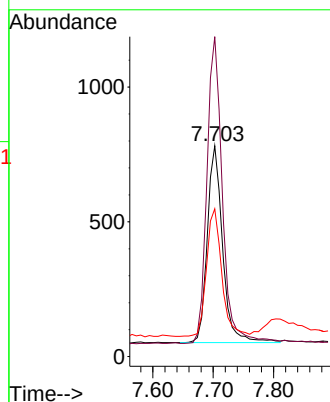
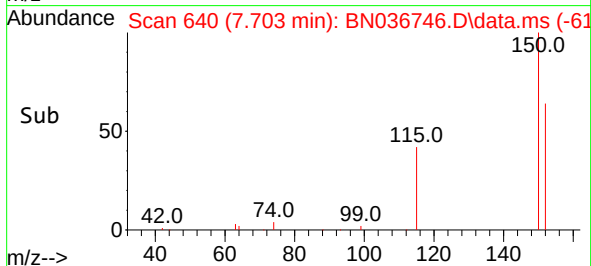


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.703 min Scan# 64  
 Delta R.T. -0.021 min  
 Lab File: BN036746.D  
 Acq: 27 Mar 2025 20:27

Instrument :  
 BNA\_N  
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 TT205S1-20250317

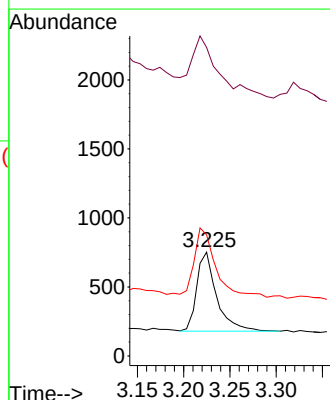
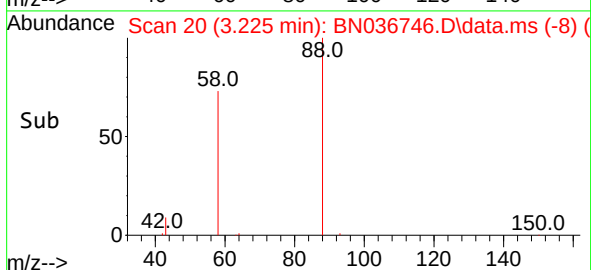
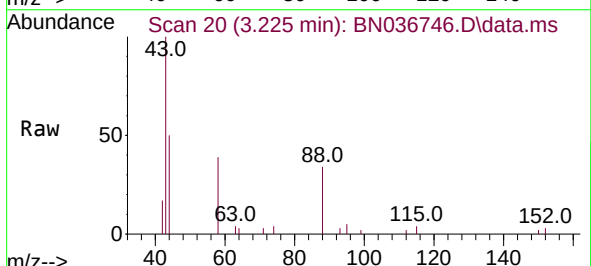


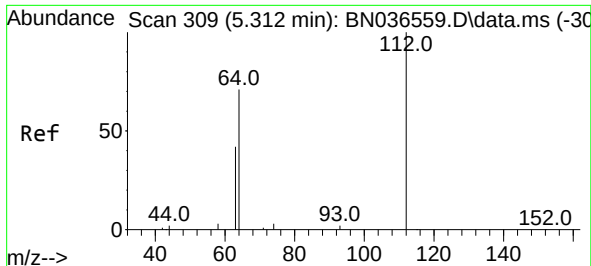
Tgt Ion:152 Resp: 1291  
 Ion Ratio Lower Upper  
 152 100  
 150 151.8 123.7 185.5  
 115 70.1 54.3 81.5



#2  
 1,4-Dioxane  
 Concen: 0.600 ng  
 RT: 3.225 min Scan# 20  
 Delta R.T. -0.014 min  
 Lab File: BN036746.D  
 Acq: 27 Mar 2025 20:27

Tgt Ion: 88 Resp: 859  
 Ion Ratio Lower Upper  
 88 100  
 43 108.4 37.8 56.8#  
 58 88.7 67.4 101.2

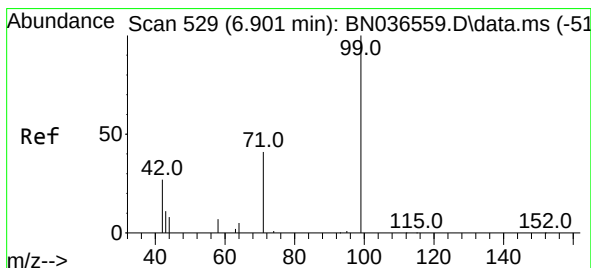
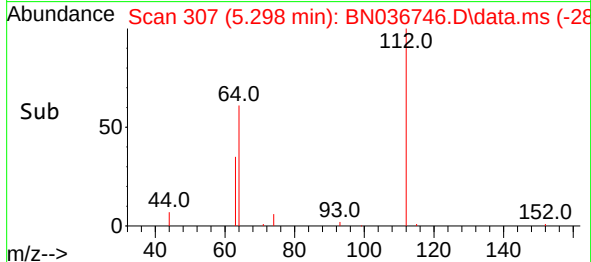
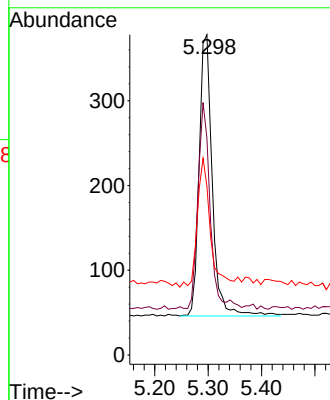
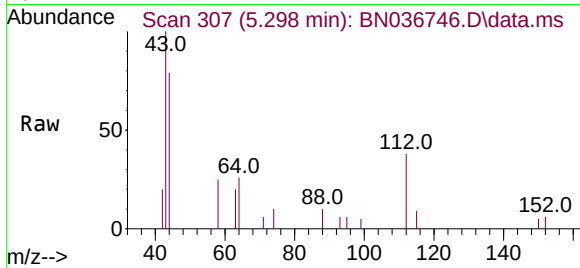




#4  
2-Fluorophenol  
Concen: 0.189 ng  
RT: 5.298 min Scan# 309  
Delta R.T. -0.014 min  
Lab File: BN036746.D  
Acq: 27 Mar 2025 20:27

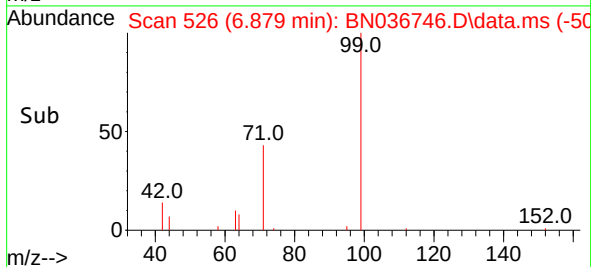
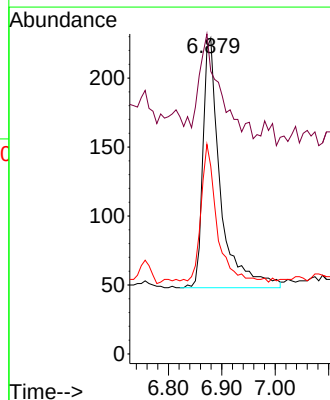
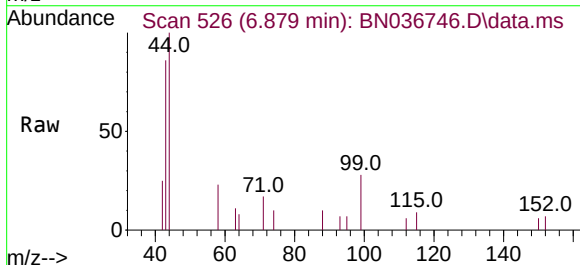
Instrument :  
BNA\_N  
ClientSampleId :  
TT205S1-20250317

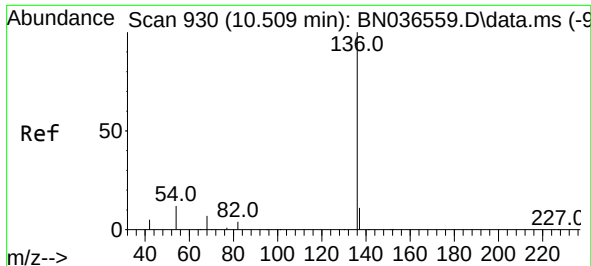
Tgt Ion:112 Resp: 570  
Ion Ratio Lower Upper  
112 100  
64 68.1 53.1 79.7  
63 44.7 31.8 47.8



#5  
Phenol-d6  
Concen: 0.111 ng  
RT: 6.879 min Scan# 526  
Delta R.T. -0.022 min  
Lab File: BN036746.D  
Acq: 27 Mar 2025 20:27

Tgt Ion: 99 Resp: 413  
Ion Ratio Lower Upper  
99 100  
42 46.7 26.5 39.7#  
71 50.6 34.1 51.1

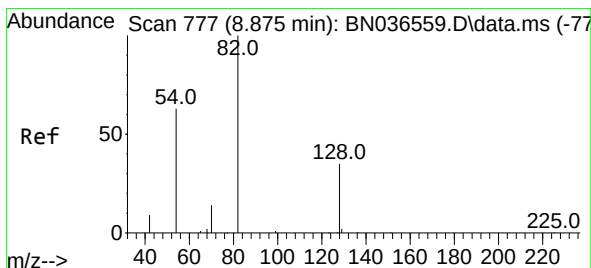
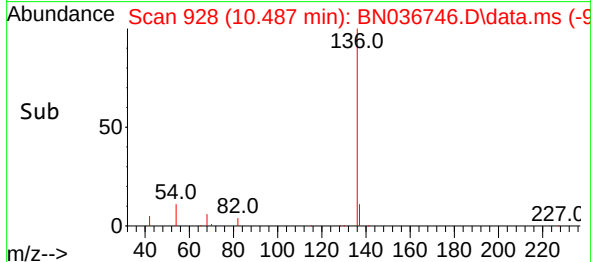
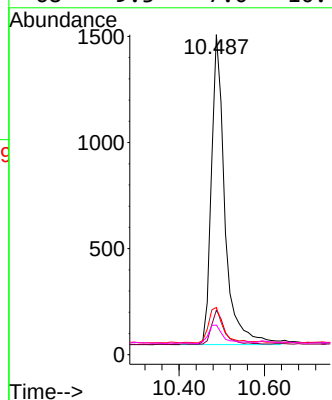
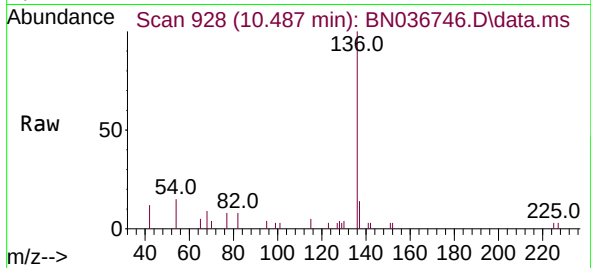




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.487 min Scan# 91  
Delta R.T. -0.021 min  
Lab File: BN036746.D  
Acq: 27 Mar 2025 20:27

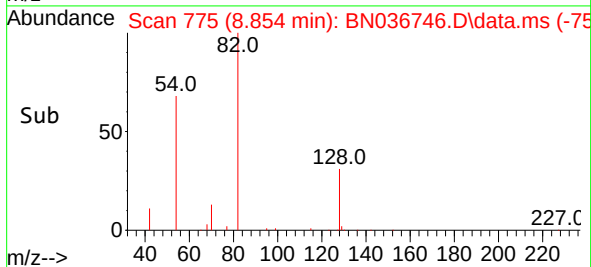
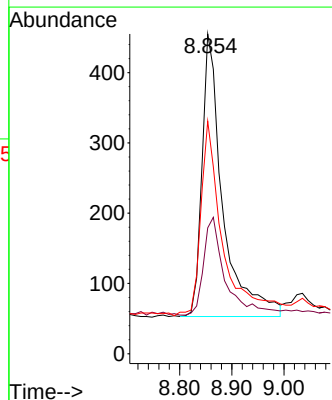
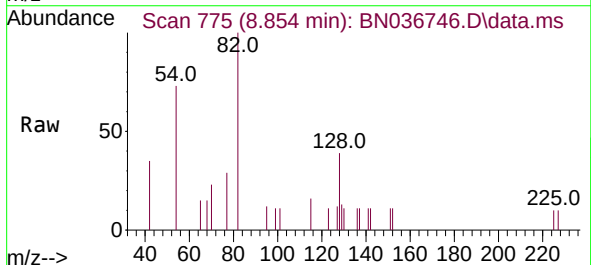
Instrument :  
BNA\_N  
ClientSampleId :  
TT205S1-20250317

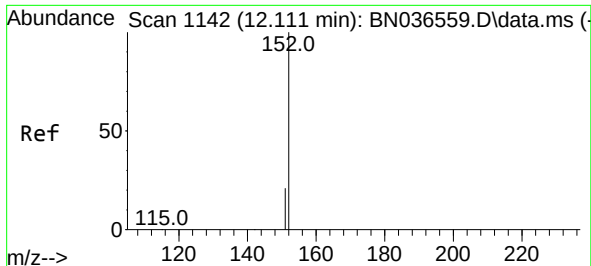
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:136 | Resp: | 3205        |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 13.9  | 10.3 15.5   |
| 54          | 14.8  | 11.5 17.3   |
| 68          | 9.3   | 7.0 10.4    |



#8  
Nitrobenzene-d5  
Concen: 0.319 ng  
RT: 8.854 min Scan# 775  
Delta R.T. -0.021 min  
Lab File: BN036746.D  
Acq: 27 Mar 2025 20:27

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 1113        |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 39.3  | 30.6 45.8   |
| 54          | 72.7  | 52.2 78.4   |

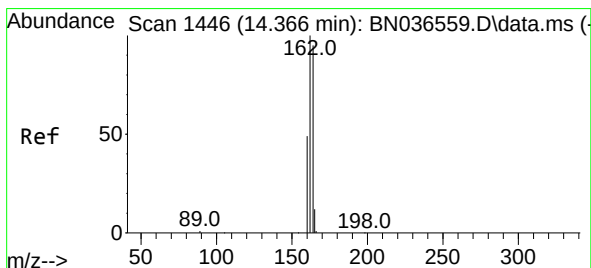
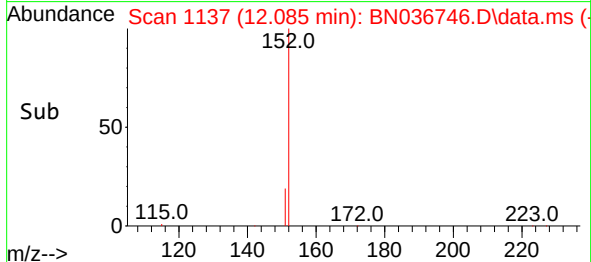
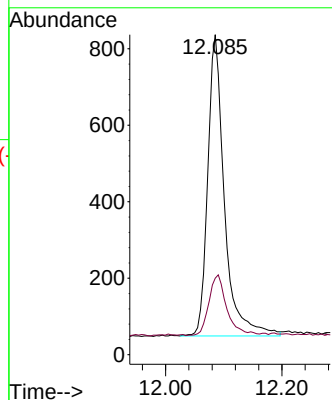
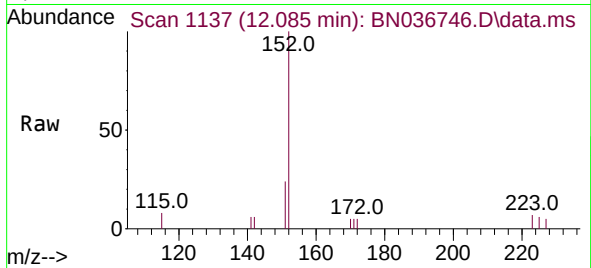




#11  
2-Methylnaphthalene-d10  
Concen: 0.330 ng  
RT: 12.085 min Scan# 1142  
Delta R.T. -0.025 min  
Lab File: BN036746.D  
Acq: 27 Mar 2025 20:27

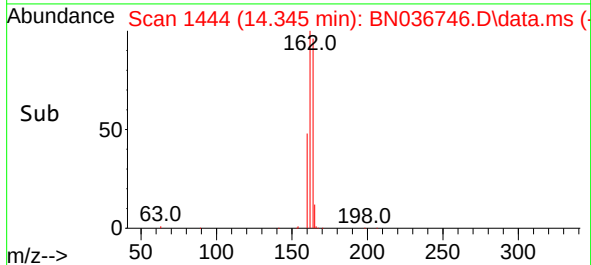
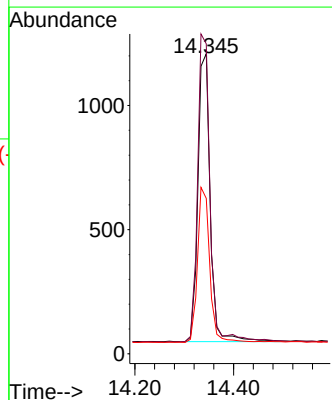
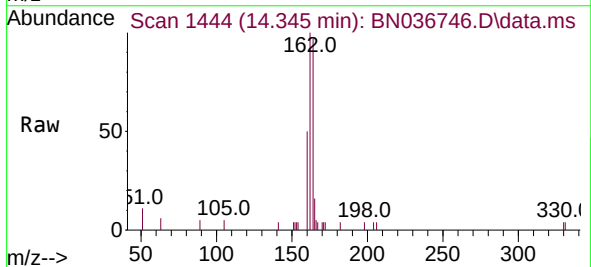
Instrument :  
BNA\_N  
ClientSampleId :  
TT205S1-20250317

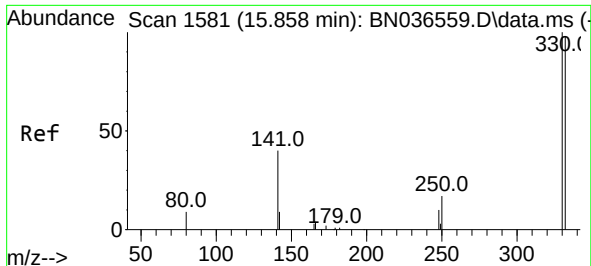
Tgt Ion:152 Resp: 1572  
Ion Ratio Lower Upper  
152 100  
151 21.2 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.345 min Scan# 1444  
Delta R.T. -0.021 min  
Lab File: BN036746.D  
Acq: 27 Mar 2025 20:27

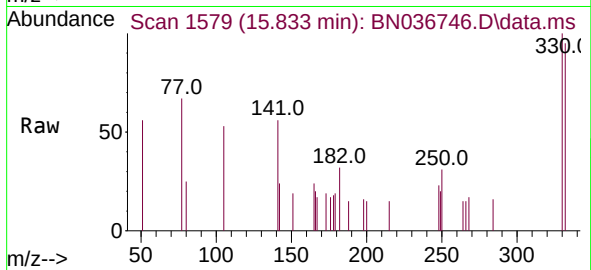
Tgt Ion:164 Resp: 2003  
Ion Ratio Lower Upper  
164 100  
162 103.2 84.2 126.2  
160 51.8 42.2 63.2



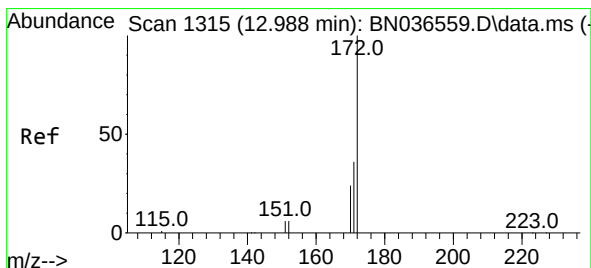
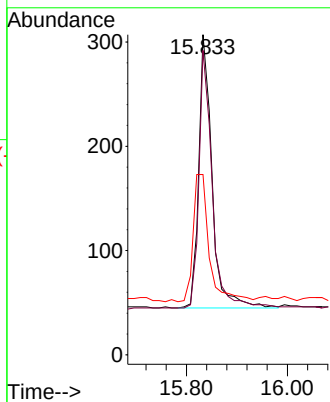
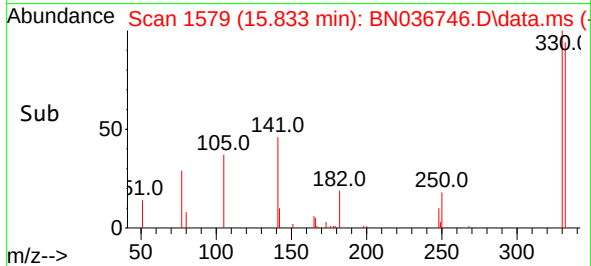


#14  
2,4,6-Tribromophenol  
Concen: 0.530 ng  
RT: 15.833 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: BN036746.D  
Acq: 27 Mar 2025 20:27

Instrument :  
BNA\_N  
ClientSampleId :  
TT205S1-20250317

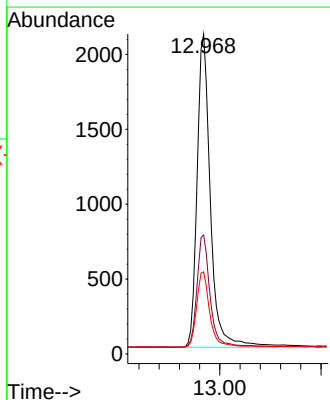
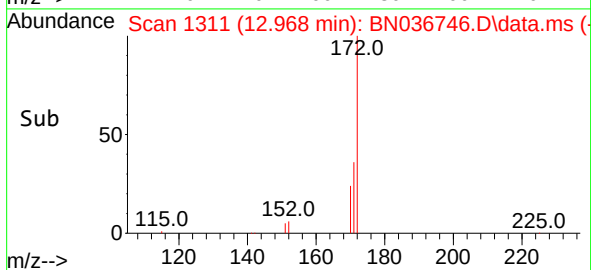
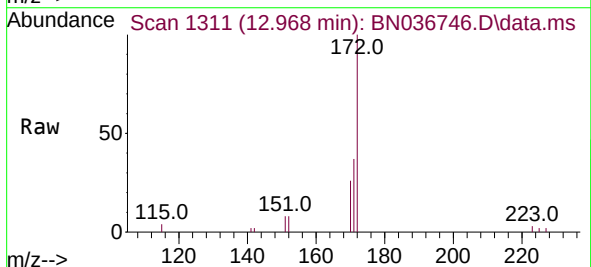


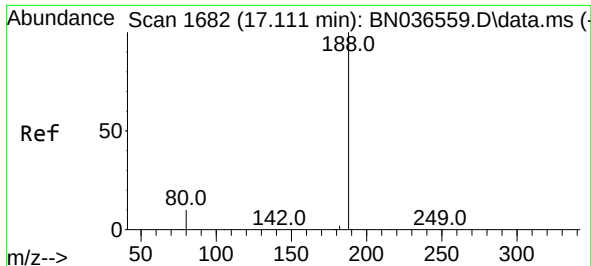
Tgt Ion:330 Resp: 482  
Ion Ratio Lower Upper  
330 100  
332 93.6 75.2 112.8  
141 56.0 43.4 65.2



#15  
2-Fluorobiphenyl  
Concen: 0.442 ng  
RT: 12.968 min Scan# 1311  
Delta R.T. -0.020 min  
Lab File: BN036746.D  
Acq: 27 Mar 2025 20:27

Tgt Ion:172 Resp: 5151  
Ion Ratio Lower Upper  
172 100  
171 37.2 29.5 44.3  
170 25.6 20.2 30.4

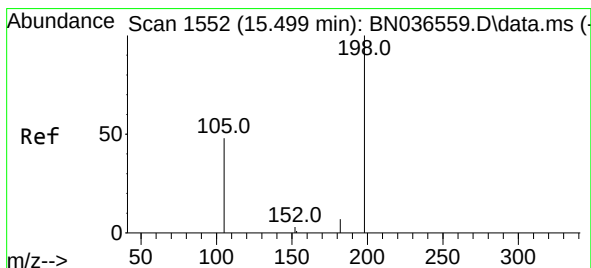
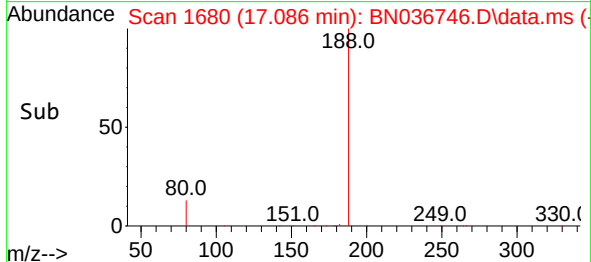
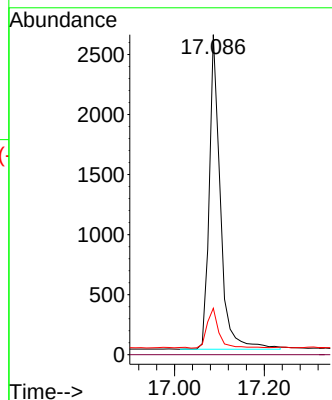
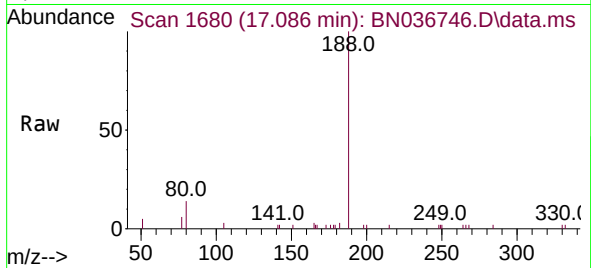




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.086 min Scan# 1680  
Delta R.T. -0.025 min  
Lab File: BN036746.D  
Acq: 27 Mar 2025 20:27

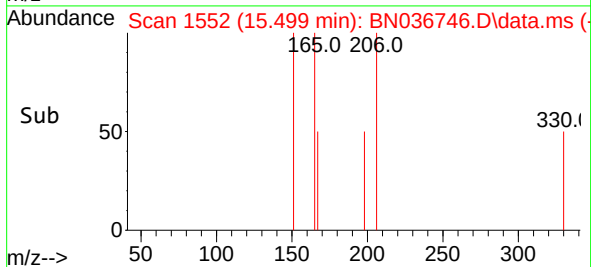
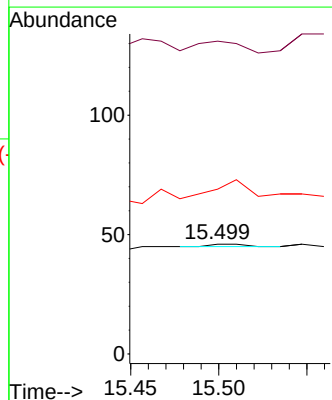
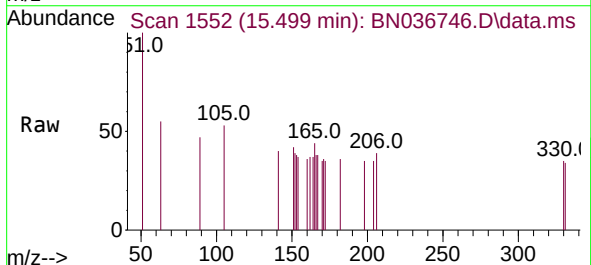
Instrument :  
BNA\_N  
ClientSampleId :  
TT205S1-20250317

Tgt Ion:188 Resp: 4493  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.5 8.8 13.2#

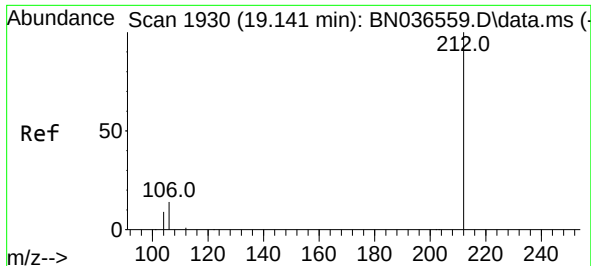


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.147 ng  
RT: 15.499 min Scan# 1552  
Delta R.T. 0.000 min  
Lab File: BN036746.D  
Acq: 27 Mar 2025 20:27

Tgt Ion:198 Resp: 1  
Ion Ratio Lower Upper  
198 100  
51 284.8 107.9 161.9#  
105 150.0 56.2 84.2#



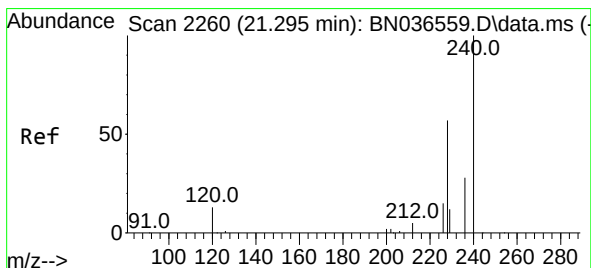
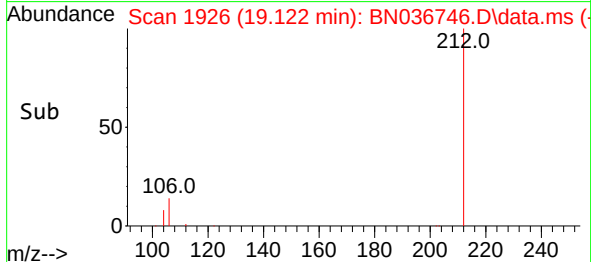
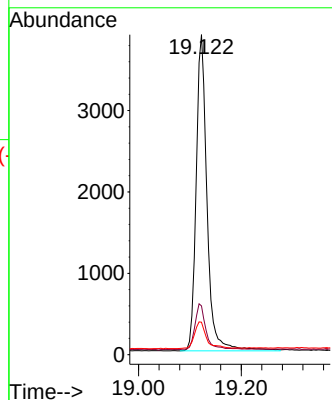
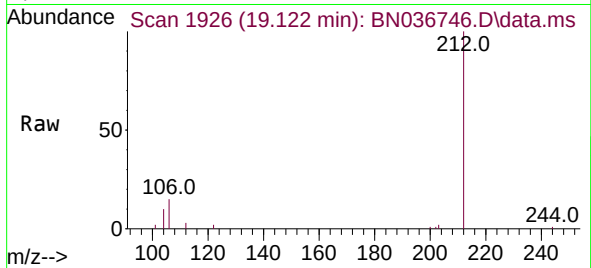




#27  
Fluoranthene-d10  
Concen: 0.498 ng  
RT: 19.122 min Scan# 19  
Delta R.T. -0.019 min  
Lab File: BN036746.D  
Acq: 27 Mar 2025 20:27

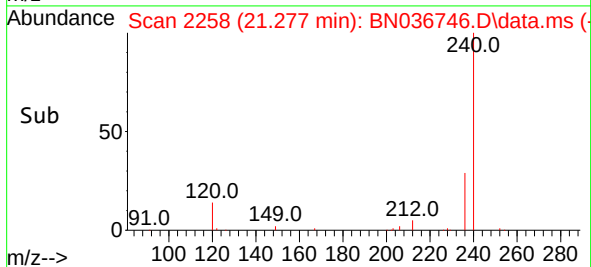
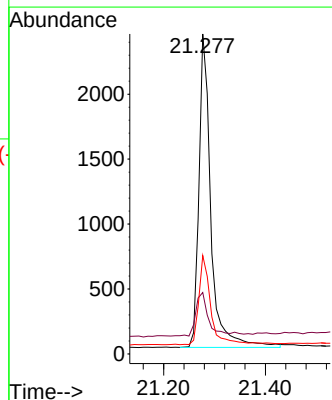
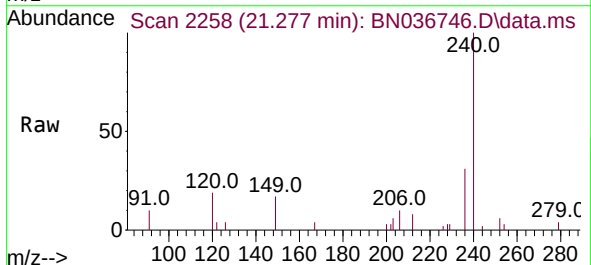
Instrument :  
BNA\_N  
ClientSampleId :  
TT205S1-20250317

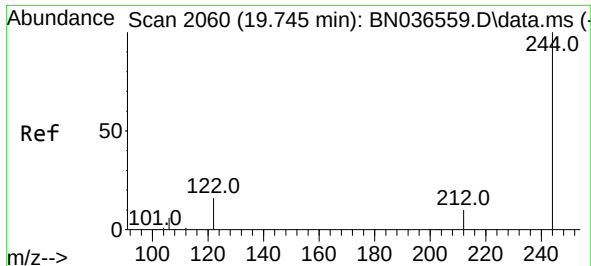
Tgt Ion:212 Resp: 5729  
Ion Ratio Lower Upper  
212 100  
106 14.6 11.8 17.6  
104 9.5 7.3 10.9



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 2258  
Delta R.T. -0.018 min  
Lab File: BN036746.D  
Acq: 27 Mar 2025 20:27

Tgt Ion:240 Resp: 3924  
Ion Ratio Lower Upper  
240 100  
120 19.2 14.6 22.0  
236 30.8 24.1 36.1

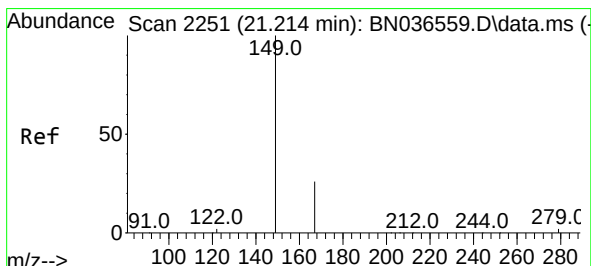
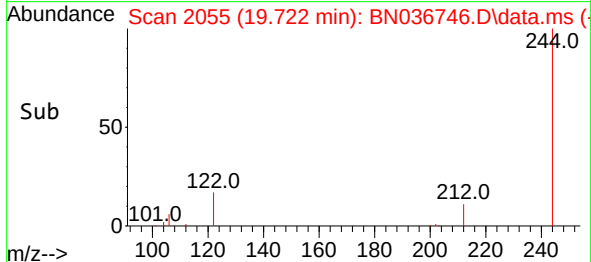
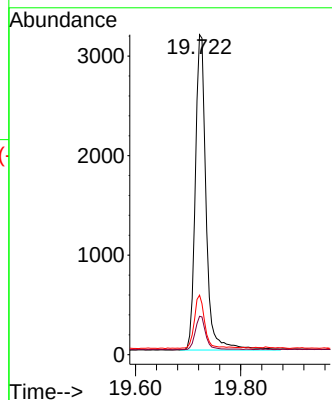
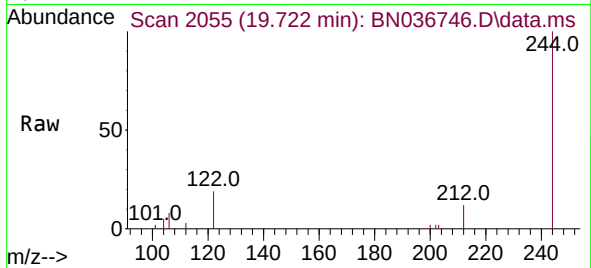




#31  
 Terphenyl-d14  
 Concen: 0.480 ng  
 RT: 19.722 min Scan# 2060  
 Delta R.T. -0.023 min  
 Lab File: BN036746.D  
 Acq: 27 Mar 2025 20:27

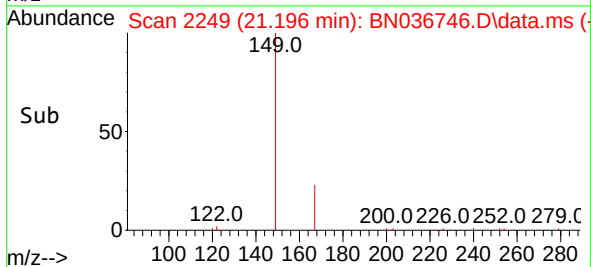
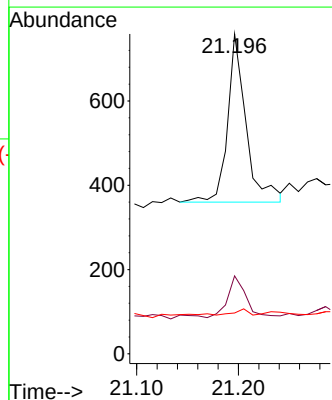
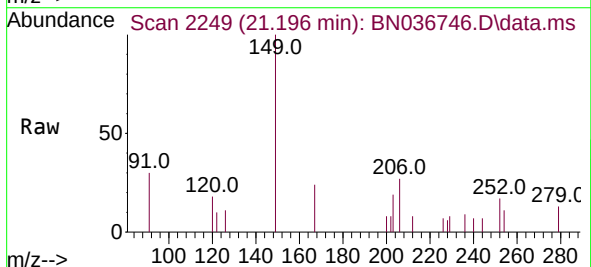
Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT205S1-20250317

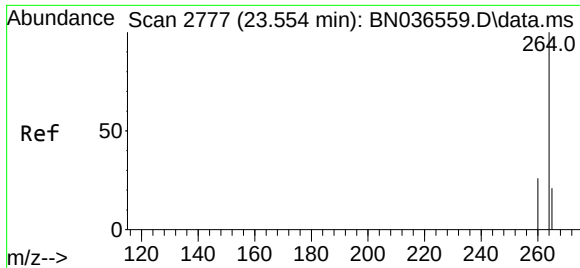
Tgt Ion:244 Resp: 4512  
 Ion Ratio Lower Upper  
 244 100  
 212 12.0 9.6 14.4  
 122 18.6 13.9 20.9



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.052 ng  
 RT: 21.196 min Scan# 2249  
 Delta R.T. -0.018 min  
 Lab File: BN036746.D  
 Acq: 27 Mar 2025 20:27

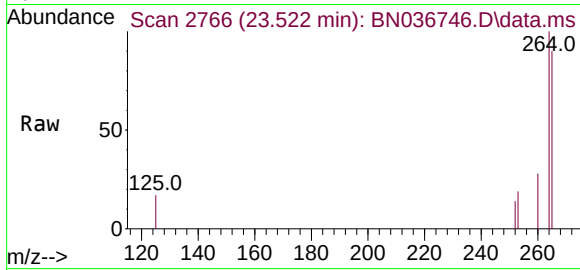
Tgt Ion:149 Resp: 506  
 Ion Ratio Lower Upper  
 149 100  
 167 24.7 20.7 31.1  
 279 2.8 3.6 5.4#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.522 min Scan# 21  
 Delta R.T. -0.032 min  
 Lab File: BN036746.D  
 Acq: 27 Mar 2025 20:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT205S1-20250317



Tgt Ion:264 Resp: 3555

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 28.4  | 22.6  | 33.8  |
| 265 | 90.0  | 88.1  | 132.1 |

