

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032825\  
 Data File : BN036801.D  
 Acq On : 29 Mar 2025 08:44  
 Operator : RC/JU  
 Sample : Q1629-10  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT150S1-20250320

Quant Time: Mar 31 01:59:26 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

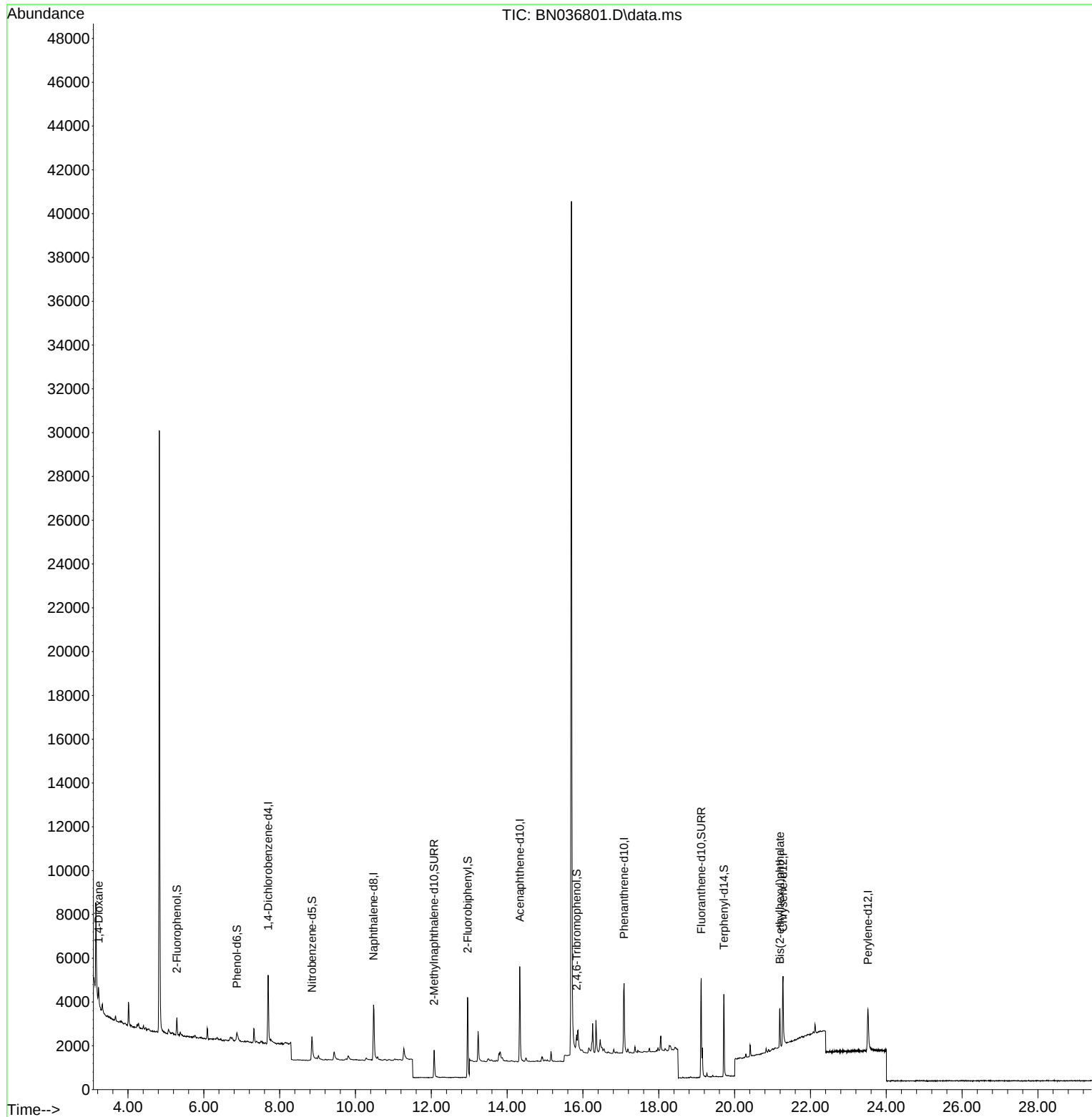
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.696  | 152  | 1638     | 0.400 | ng    | -0.03    |
| 7) Naphthalene-d8             | 10.477 | 136  | 3931     | 0.400 | ng    | -0.03    |
| 13) Acenaphthene-d10          | 14.334 | 164  | 2498     | 0.400 | ng    | -0.03    |
| 19) Phenanthrene-d10          | 17.087 | 188  | 5311     | 0.400 | ng    | -0.02    |
| 29) Chrysene-d12              | 21.277 | 240  | 3784     | 0.400 | ng    | #-0.02   |
| 35) Perylene-d12              | 23.516 | 264  | 3106     | 0.400 | ng    | -0.04    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.291  | 112  | 574      | 0.150 | ng    | -0.02    |
| 5) Phenol-d6                  | 6.872  | 99   | 404      | 0.086 | ng    | -0.03    |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 1234     | 0.289 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.076 | 152  | 1961     | 0.335 | ng    | -0.04    |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 432      | 0.381 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 12.958 | 172  | 4892     | 0.337 | ng    | -0.03    |
| 27) Fluoranthene-d10          | 19.118 | 212  | 5561     | 0.409 | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.717 | 244  | 3909     | 0.431 | ng    | -0.03    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.225  | 88   | 439      | 0.242 | ng    | # 46     |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149  | 1981     | 0.211 | ng    | # 95     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032825\  
Data File : BN036801.D  
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Operator : RC/JU  
Sample : Q1629-10  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
TT150S1-20250320

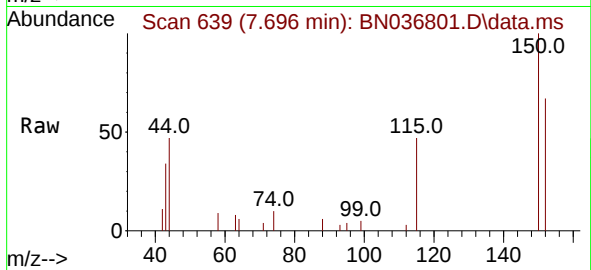
Quant Time: Mar 31 01:59:26 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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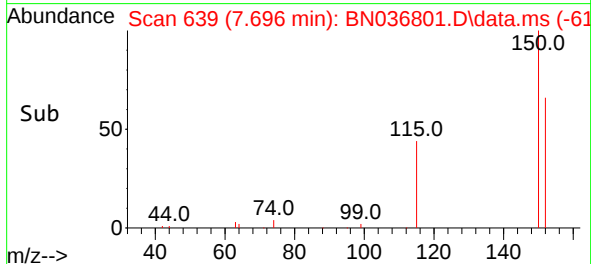
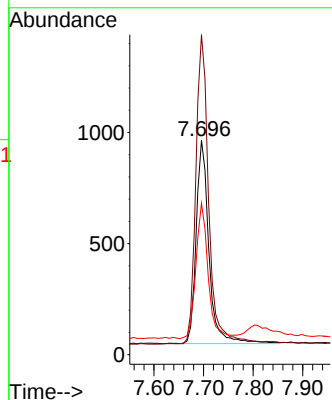
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.696 min Scan# 61  
 Delta R.T. -0.028 min  
 Lab File: BN036801.D  
 Acq: 29 Mar 2025 08:44

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT150S1-20250320



Tgt Ion:152 Resp: 1638

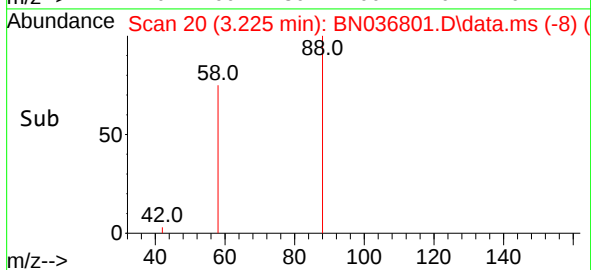
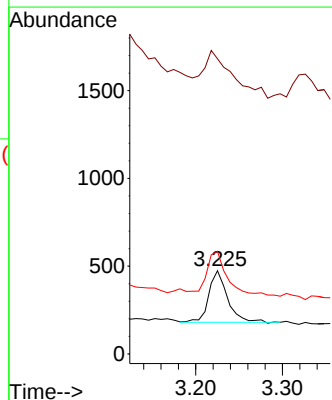
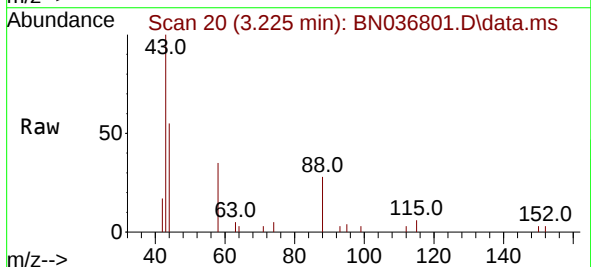
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 149.4 | 123.7 | 185.5 |
| 115 | 70.7  | 54.3  | 81.5  |



#2  
 1,4-Dioxane  
 Concen: 0.242 ng  
 RT: 3.225 min Scan# 20  
 Delta R.T. -0.014 min  
 Lab File: BN036801.D  
 Acq: 29 Mar 2025 08:44

Tgt Ion: 88 Resp: 439

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 126.9 | 37.8  | 56.8# |
| 58  | 100.0 | 67.4  | 101.2 |

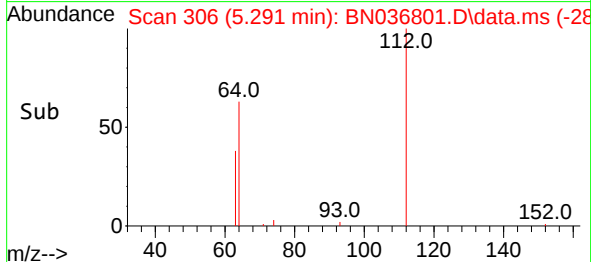
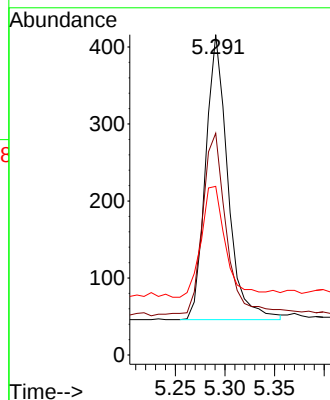
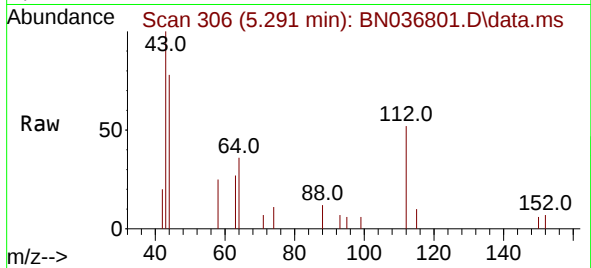




#4  
2-Fluorophenol  
Concen: 0.150 ng  
RT: 5.291 min Scan# 309  
Delta R.T. -0.021 min  
Lab File: BN036801.D  
Acq: 29 Mar 2025 08:44

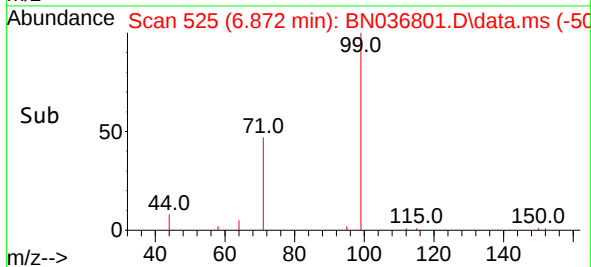
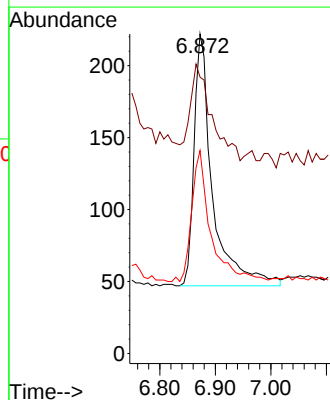
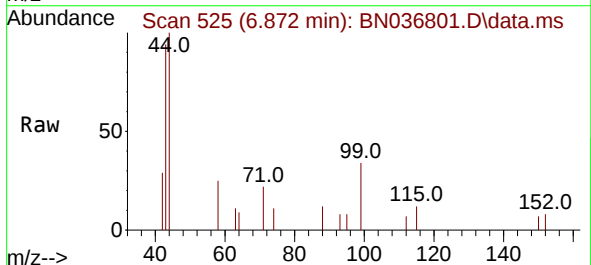
Instrument :  
BNA\_N  
ClientSampleId :  
TT150S1-20250320

Tgt Ion:112 Resp: 574  
Ion Ratio Lower Upper  
112 100  
64 72.8 53.1 79.7  
63 43.0 31.8 47.8



#5  
Phenol-d6  
Concen: 0.086 ng  
RT: 6.872 min Scan# 525  
Delta R.T. -0.029 min  
Lab File: BN036801.D  
Acq: 29 Mar 2025 08:44

Tgt Ion: 99 Resp: 404  
Ion Ratio Lower Upper  
99 100  
42 44.3 26.5 39.7#  
71 53.0 34.1 51.1#

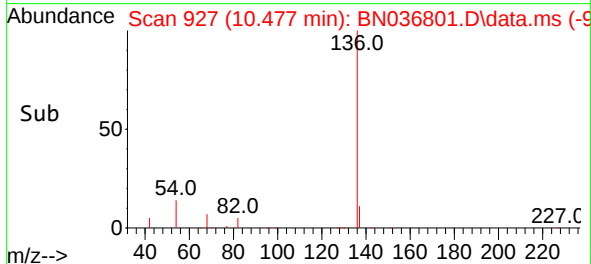
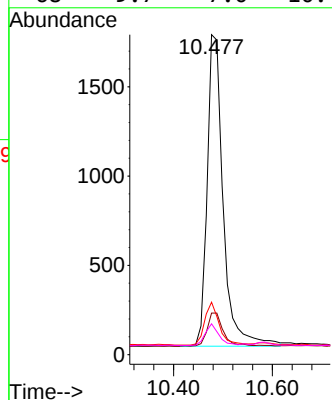
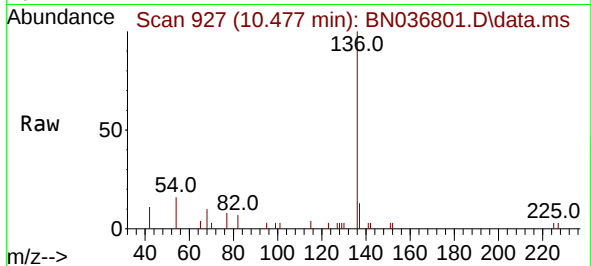




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.477 min Scan# 91  
Delta R.T. -0.032 min  
Lab File: BN036801.D  
Acq: 29 Mar 2025 08:44

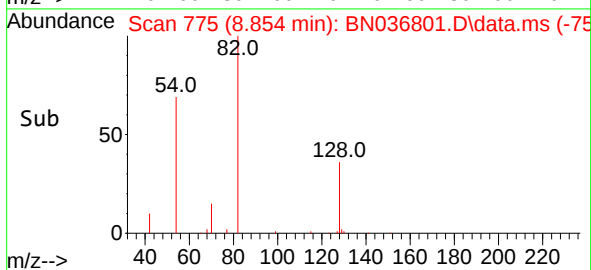
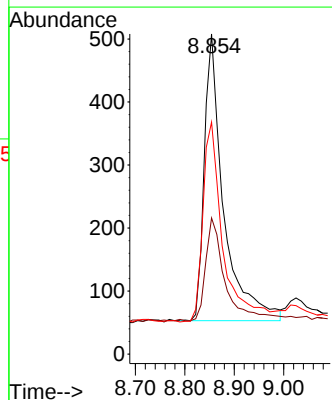
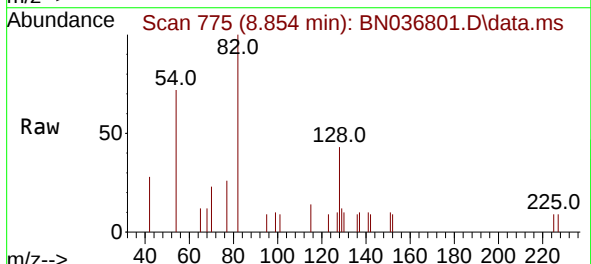
Instrument :  
BNA\_N  
ClientSampleId :  
TT150S1-20250320

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 3931  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.0  | 10.3  | 15.5  |
| 54       | 16.4  | 11.5  | 17.3  |
| 68       | 9.7   | 7.0   | 10.4  |



#8  
Nitrobenzene-d5  
Concen: 0.289 ng  
RT: 8.854 min Scan# 775  
Delta R.T. -0.021 min  
Lab File: BN036801.D  
Acq: 29 Mar 2025 08:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1234  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.5  | 30.6  | 45.8  |
| 54       | 72.4  | 52.2  | 78.4  |

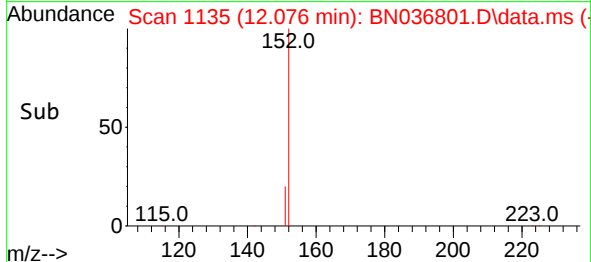
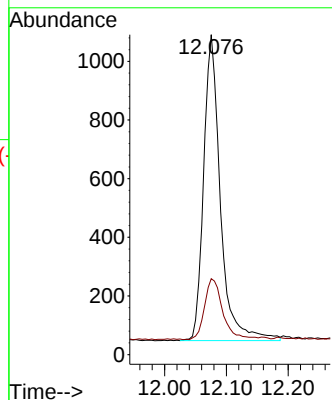
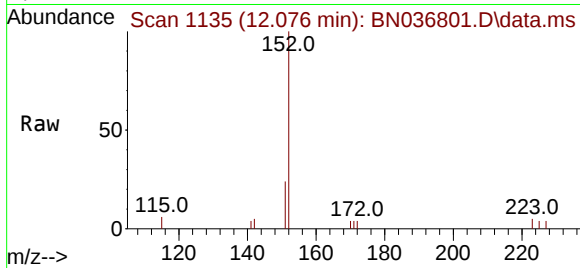




#11  
2-Methylnaphthalene-d10  
Concen: 0.335 ng  
RT: 12.076 min Scan# 1142  
Delta R.T. -0.035 min  
Lab File: BN036801.D  
Acq: 29 Mar 2025 08:44

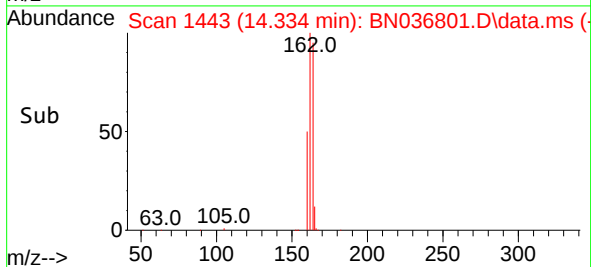
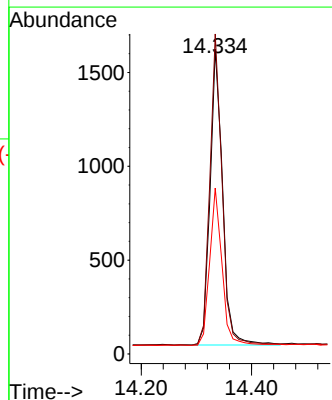
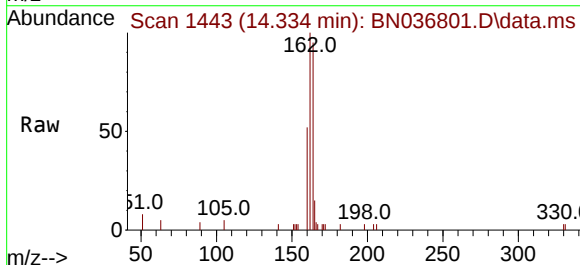
Instrument :  
BNA\_N  
ClientSampleId :  
TT150S1-20250320

Tgt Ion:152 Resp: 1961  
Ion Ratio Lower Upper  
152 100  
151 21.8 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.334 min Scan# 1443  
Delta R.T. -0.032 min  
Lab File: BN036801.D  
Acq: 29 Mar 2025 08:44

Tgt Ion:164 Resp: 2498  
Ion Ratio Lower Upper  
164 100  
162 105.0 84.2 126.2  
160 54.4 42.2 63.2

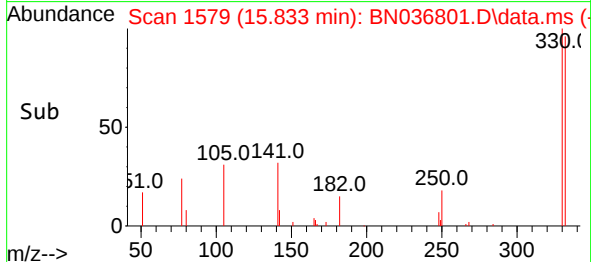
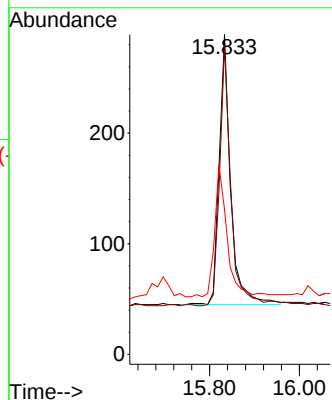
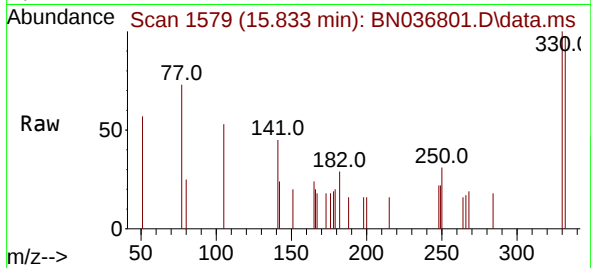




#14  
2,4,6-Tribromophenol  
Concen: 0.381 ng  
RT: 15.833 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: BN036801.D  
Acq: 29 Mar 2025 08:44

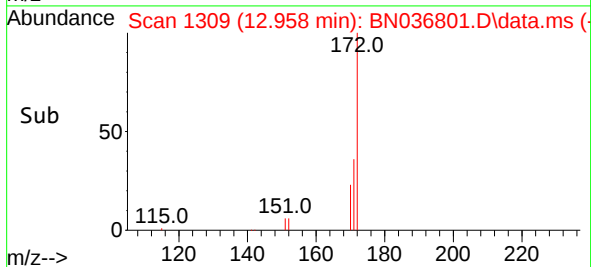
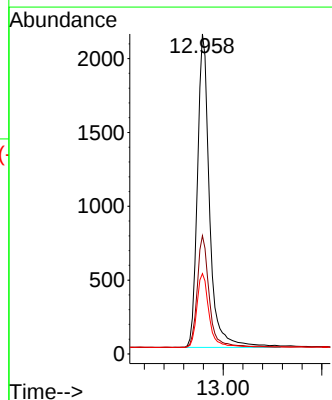
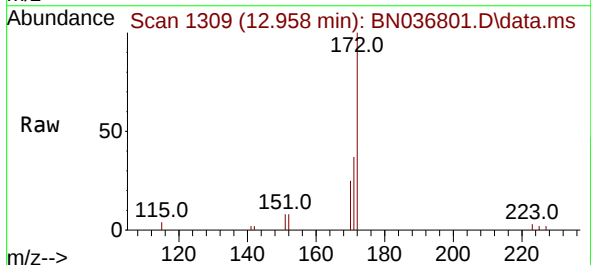
Instrument :  
BNA\_N  
ClientSampleId :  
TT150S1-20250320

Tgt Ion:330 Resp: 432  
Ion Ratio Lower Upper  
330 100  
332 95.4 75.2 112.8  
141 53.0 43.4 65.2



#15  
2-Fluorobiphenyl  
Concen: 0.337 ng  
RT: 12.958 min Scan# 1309  
Delta R.T. -0.030 min  
Lab File: BN036801.D  
Acq: 29 Mar 2025 08:44

Tgt Ion:172 Resp: 4892  
Ion Ratio Lower Upper  
172 100  
171 37.0 29.5 44.3  
170 25.1 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.087 min Scan# 1

Delta R.T. -0.025 min

Lab File: BN036801.D

Acq: 29 Mar 2025 08:44

Instrument :

BNA\_N

ClientSampleId :

TT150S1-20250320

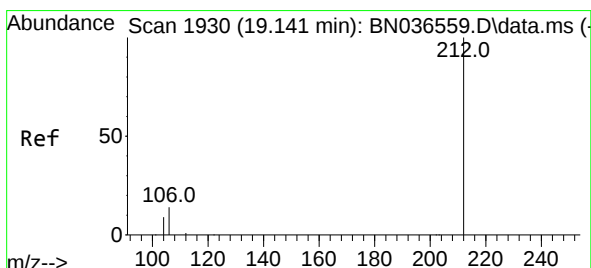
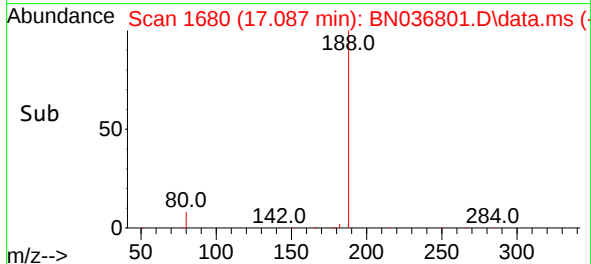
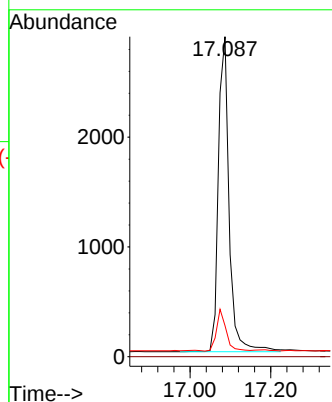
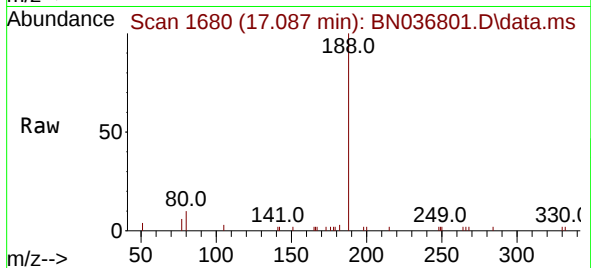
Tgt Ion:188 Resp: 5311

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 8.8 13.2



#27

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.118 min Scan# 1925

Delta R.T. -0.023 min

Lab File: BN036801.D

Acq: 29 Mar 2025 08:44

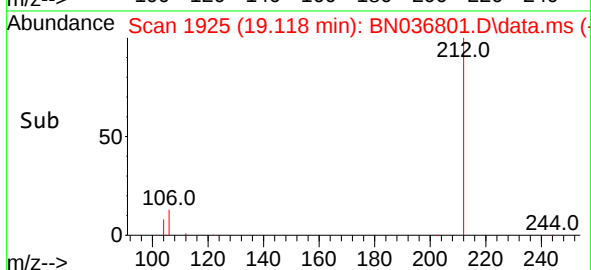
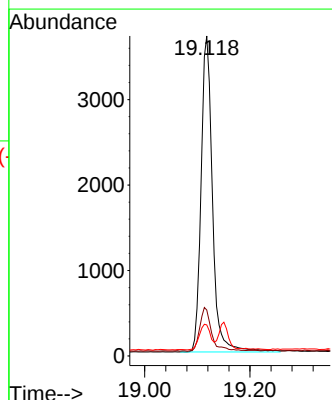
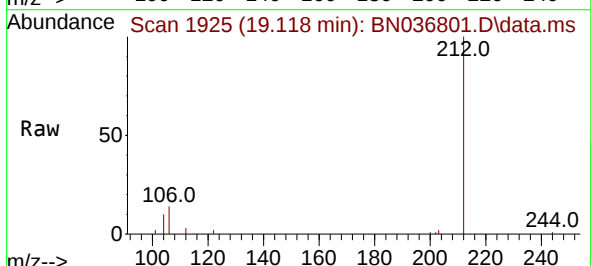
Tgt Ion:212 Resp: 5561

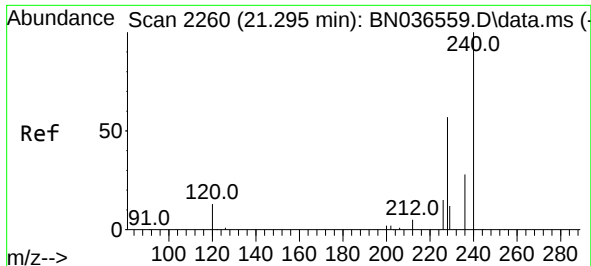
Ion Ratio Lower Upper

212 100

106 14.5 11.8 17.6

104 8.0 7.3 10.9

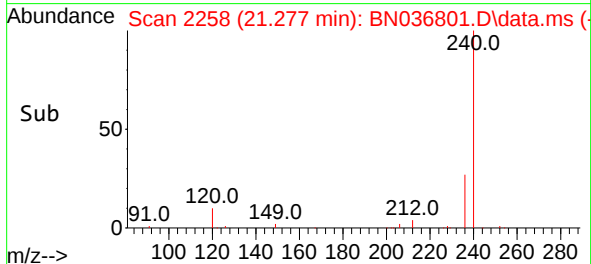
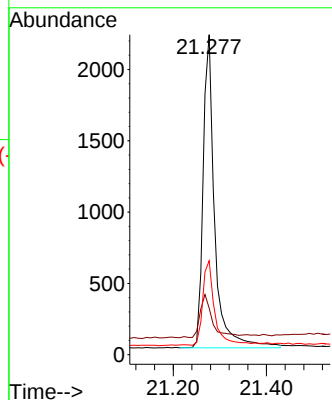
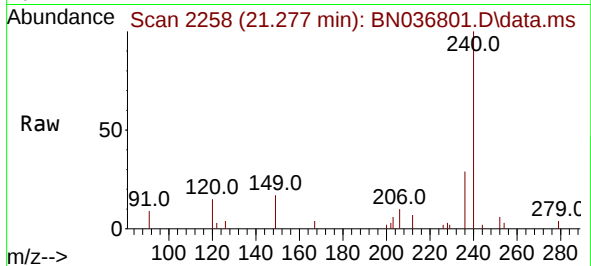




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BN036801.D  
Acq: 29 Mar 2025 08:44

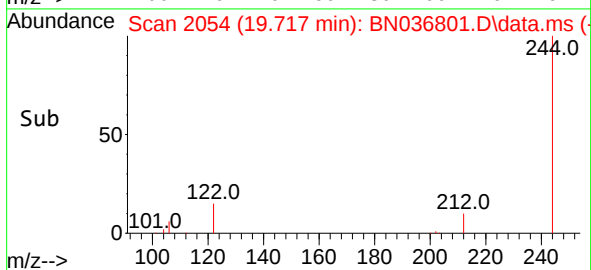
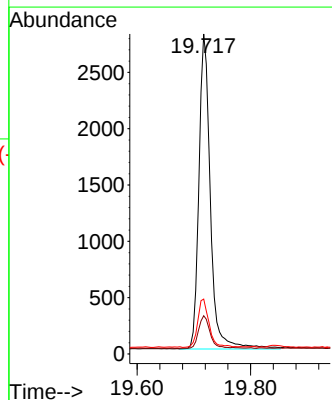
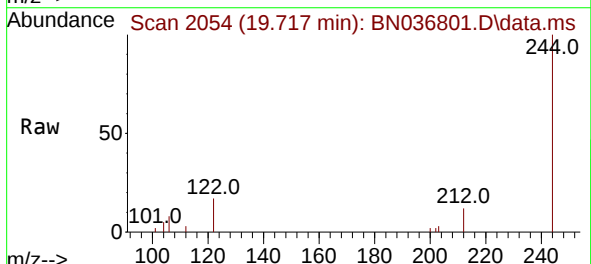
Instrument :  
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TT150S1-20250320

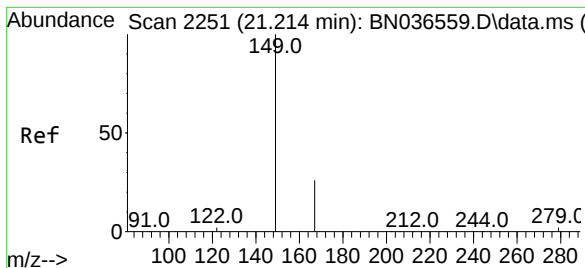
Tgt Ion:240 Resp: 3784  
Ion Ratio Lower Upper  
240 100  
120 14.6 14.6 22.0#  
236 29.4 24.1 36.1



#31  
Terphenyl-d14  
Concen: 0.431 ng  
RT: 19.717 min Scan# 2054  
Delta R.T. -0.028 min  
Lab File: BN036801.D  
Acq: 29 Mar 2025 08:44

Tgt Ion:244 Resp: 3909  
Ion Ratio Lower Upper  
244 100  
212 12.0 9.6 14.4  
122 17.2 13.9 20.9

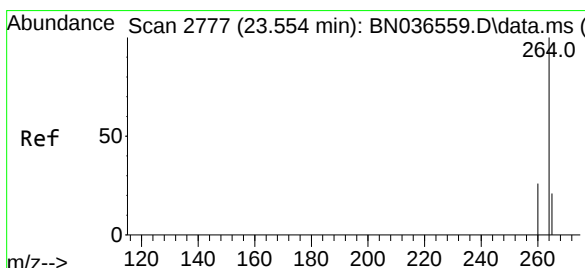
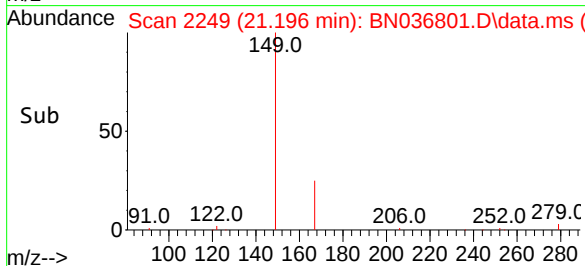
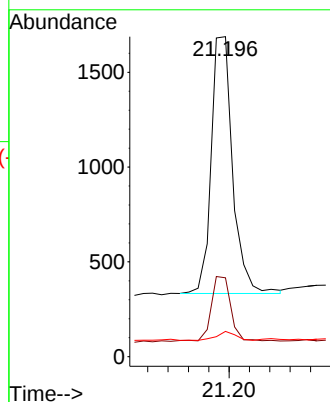
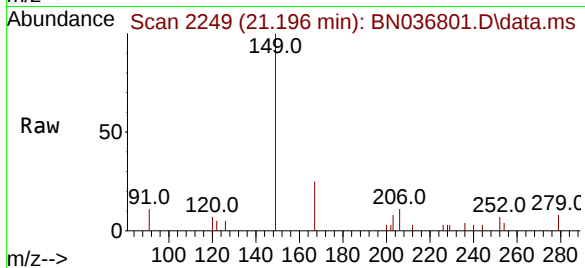




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.211 ng  
 RT: 21.196 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BN036801.D  
 Acq: 29 Mar 2025 08:44

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT150S1-20250320

Tgt Ion:149 Resp: 1981  
 Ion Ratio Lower Upper  
 149 100  
 167 23.1 20.7 31.1  
 279 2.9 3.6 5.4#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.516 min Scan# 2764  
 Delta R.T. -0.038 min  
 Lab File: BN036801.D  
 Acq: 29 Mar 2025 08:44

Tgt Ion:264 Resp: 3106  
 Ion Ratio Lower Upper  
 264 100  
 260 28.5 22.6 33.8  
 265 92.4 88.1 132.1

