

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031725\  
 Data File : BN036662.D  
 Acq On : 17 Mar 2025 16:43  
 Operator : RC/JU  
 Sample : Q1582-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT180D-20250313

Quant Time: Mar 17 17:51:41 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

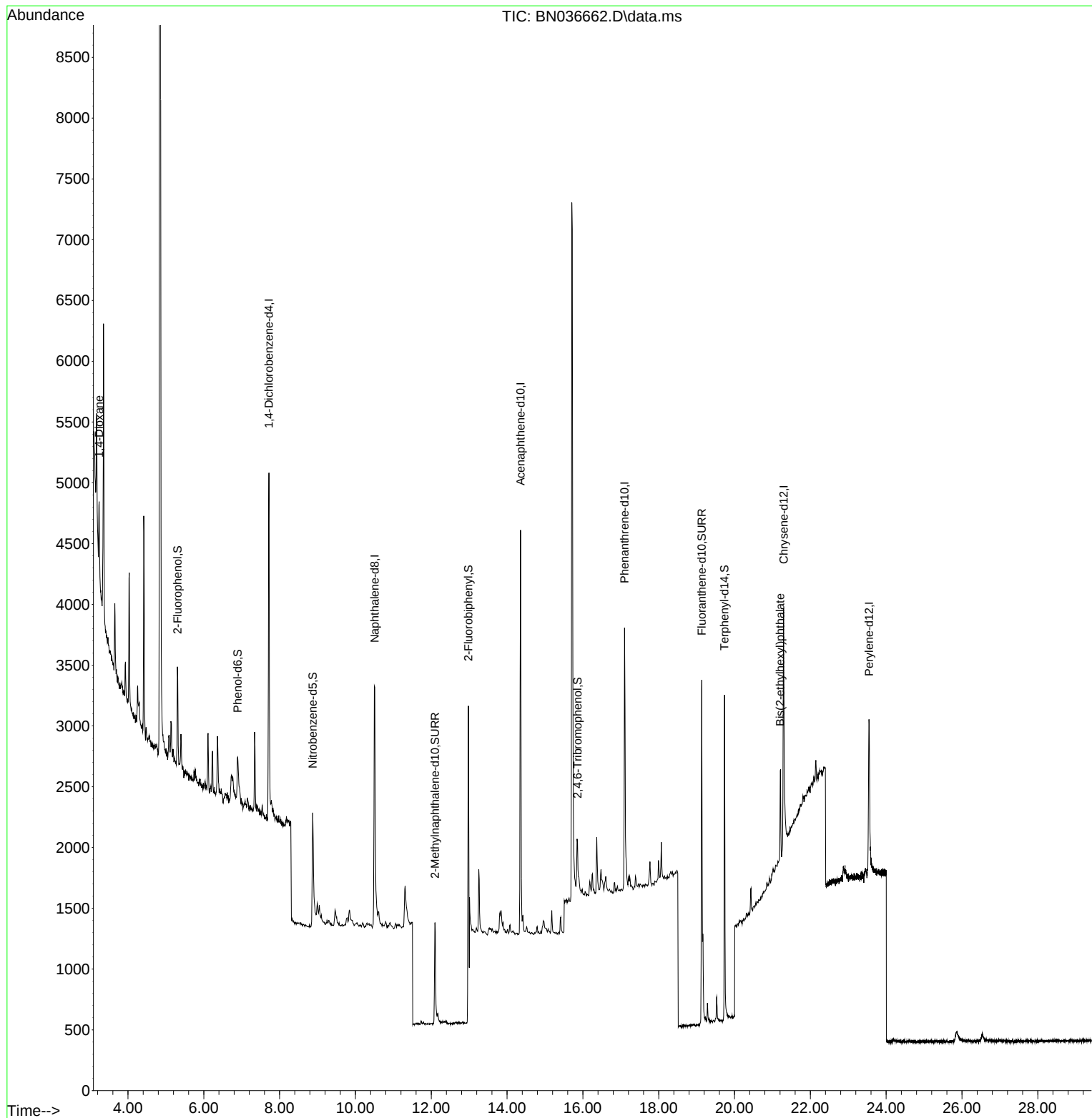
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.717  | 152  | 1471     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.509 | 136  | 3486     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.355 | 164  | 1974     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.099 | 188  | 3397     | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.295 | 240  | 2382     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.548 | 264  | 2179     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.312  | 112  | 592      | 0.173 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.894  | 99   | 397      | 0.094 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.875  | 82   | 1160     | 0.306 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.096 | 152  | 1492     | 0.288 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.858 | 330  | 308      | 0.344 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.978 | 172  | 3792     | 0.330 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.136 | 212  | 3548     | 0.408 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.736 | 244  | 2614     | 0.458 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.239  | 88   | 319      | 0.195 | ng    | # 53     |
| 34) Bis(2-ethylhexyl)phtha... | 21.205 | 149  | 896      | 0.152 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031725\  
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Sample : Q1582-04  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
TT180D-20250313

Quant Time: Mar 17 17:51:41 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

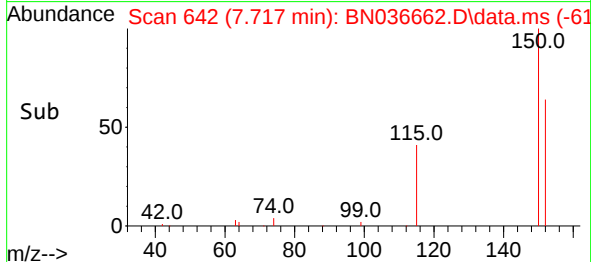
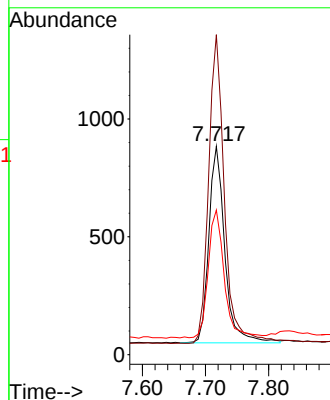
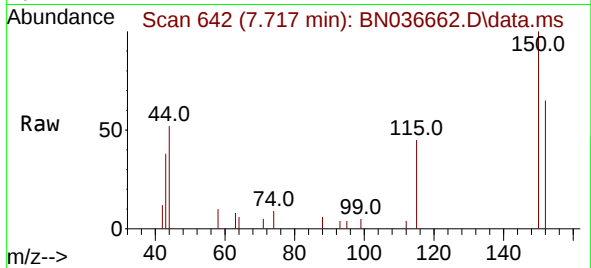




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.717 min Scan# 64  
 Delta R.T. -0.007 min  
 Lab File: BN036662.D  
 Acq: 17 Mar 2025 16:43

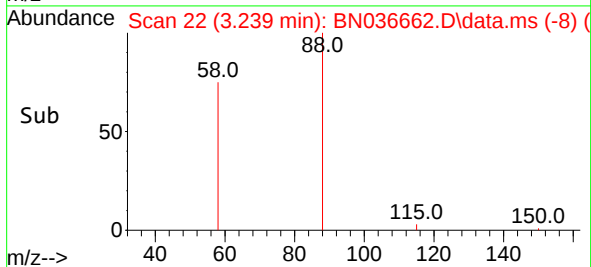
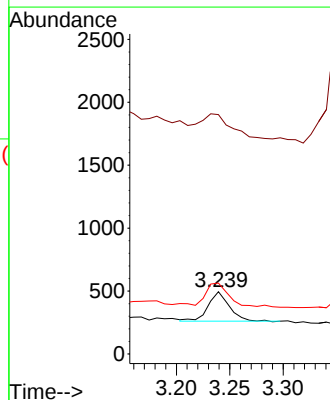
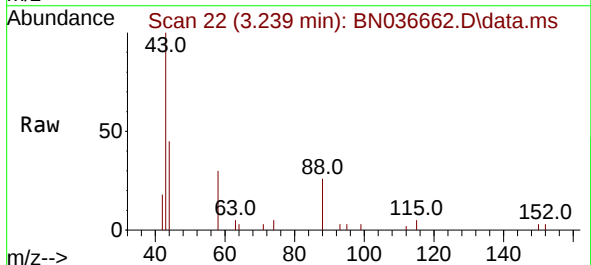
Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT180D-20250313

Tgt Ion:152 Resp: 1471  
 Ion Ratio Lower Upper  
 152 100  
 150 153.6 123.7 185.5  
 115 69.5 54.3 81.5



#2  
 1,4-Dioxane  
 Concen: 0.195 ng  
 RT: 3.239 min Scan# 22  
 Delta R.T. 0.000 min  
 Lab File: BN036662.D  
 Acq: 17 Mar 2025 16:43

Tgt Ion: 88 Resp: 319  
 Ion Ratio Lower Upper  
 88 100  
 43 120.7 37.8 56.8#  
 58 94.7 67.4 101.2

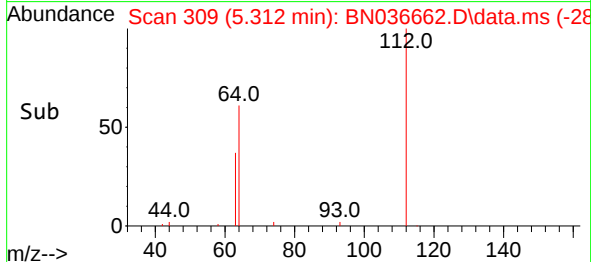
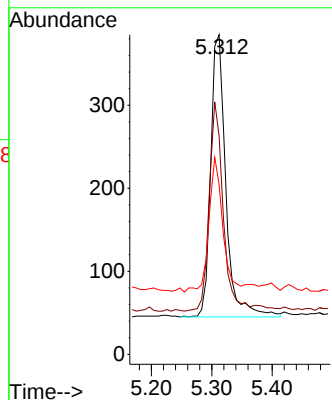
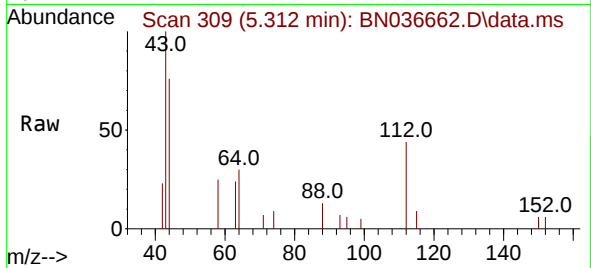




#4  
2-Fluorophenol  
Concen: 0.173 ng  
RT: 5.312 min Scan# 309  
Delta R.T. 0.000 min  
Lab File: BN036662.D  
Acq: 17 Mar 2025 16:43

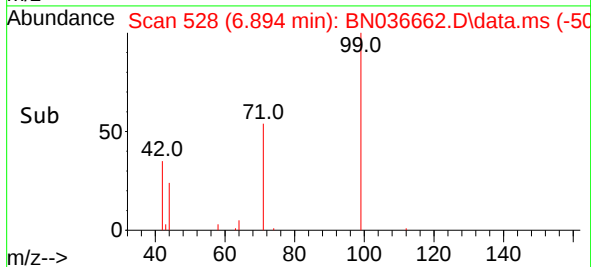
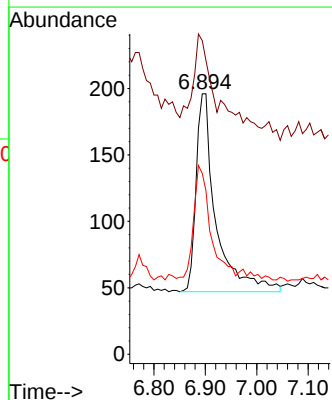
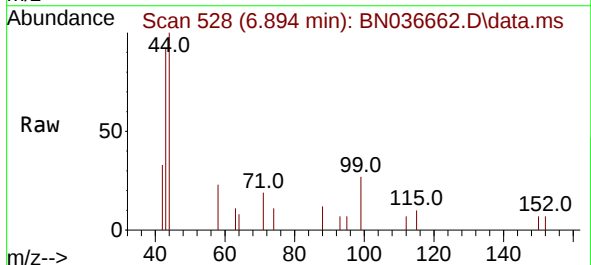
Instrument :  
BNA\_N  
ClientSampleId :  
TT180D-20250313

Tgt Ion:112 Resp: 592  
Ion Ratio Lower Upper  
112 100  
64 70.3 53.1 79.7  
63 43.4 31.8 47.8



#5  
Phenol-d6  
Concen: 0.094 ng  
RT: 6.894 min Scan# 528  
Delta R.T. -0.007 min  
Lab File: BN036662.D  
Acq: 17 Mar 2025 16:43

Tgt Ion: 99 Resp: 397  
Ion Ratio Lower Upper  
99 100  
42 30.2 26.5 39.7  
71 48.1 34.1 51.1

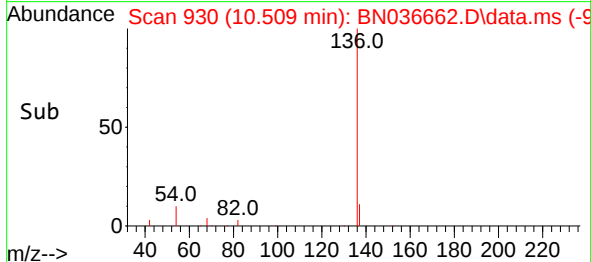
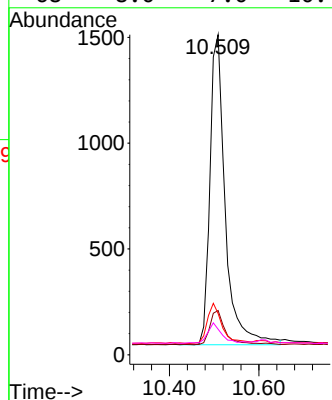
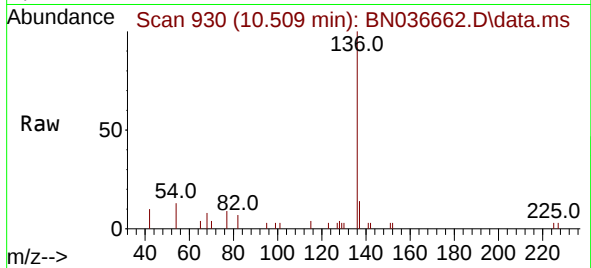




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.509 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN036662.D  
Acq: 17 Mar 2025 16:43

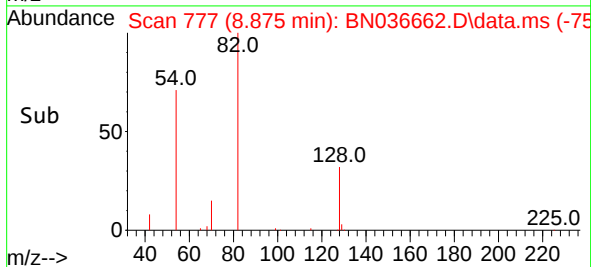
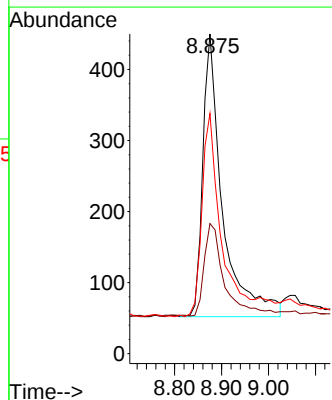
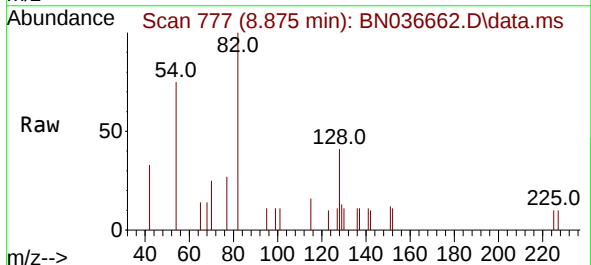
Instrument :  
BNA\_N  
ClientSampleId :  
TT180D-20250313

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 3486  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.8  | 10.3  | 15.5  |
| 54       | 12.9  | 11.5  | 17.3  |
| 68       | 8.0   | 7.0   | 10.4  |



#8  
Nitrobenzene-d5  
Concen: 0.306 ng  
RT: 8.875 min Scan# 777  
Delta R.T. 0.000 min  
Lab File: BN036662.D  
Acq: 17 Mar 2025 16:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1160  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 40.7  | 30.6  | 45.8  |
| 54       | 75.1  | 52.2  | 78.4  |

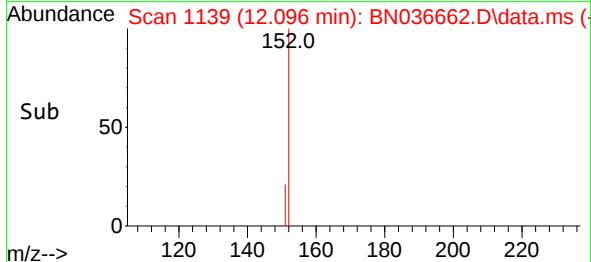
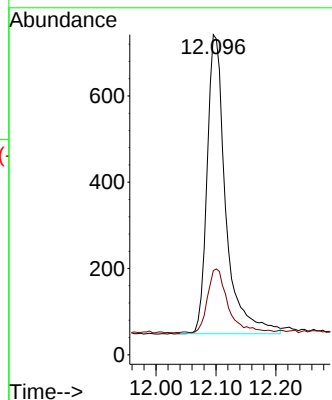
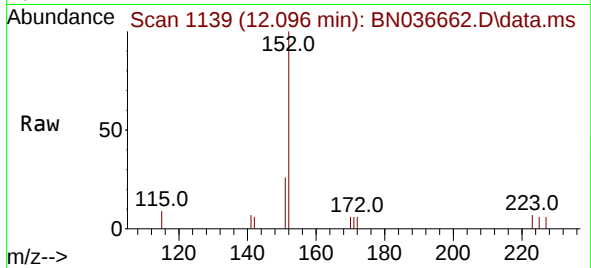




#11  
2-Methylnaphthalene-d10  
Concen: 0.288 ng  
RT: 12.096 min Scan# 1139  
Delta R.T. -0.015 min  
Lab File: BN036662.D  
Acq: 17 Mar 2025 16:43

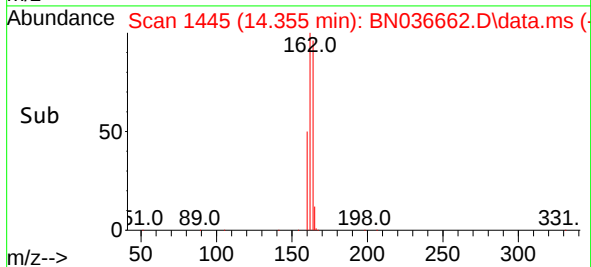
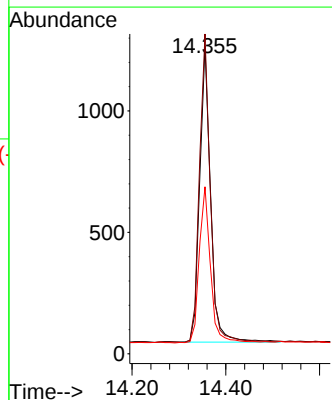
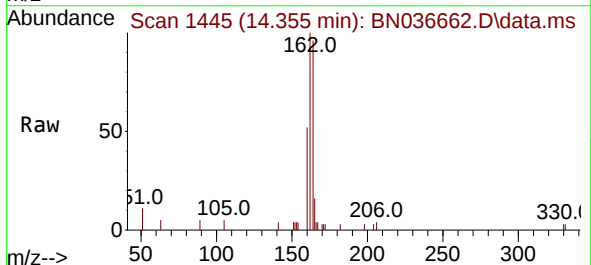
Instrument :  
BNA\_N  
ClientSampleId :  
TT180D-20250313

Tgt Ion:152 Resp: 1492  
Ion Ratio Lower Upper  
152 100  
151 23.4 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.355 min Scan# 1445  
Delta R.T. -0.011 min  
Lab File: BN036662.D  
Acq: 17 Mar 2025 16:43

Tgt Ion:164 Resp: 1974  
Ion Ratio Lower Upper  
164 100  
162 103.9 84.2 126.2  
160 54.3 42.2 63.2

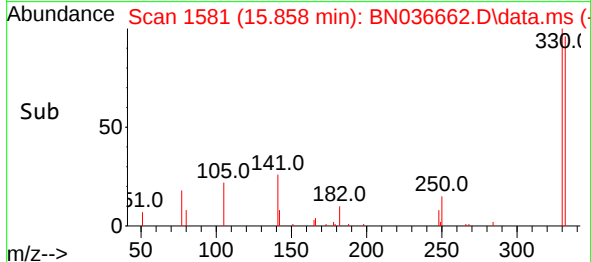
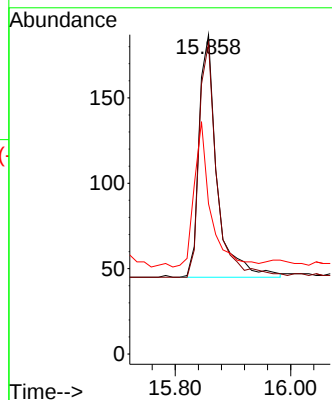
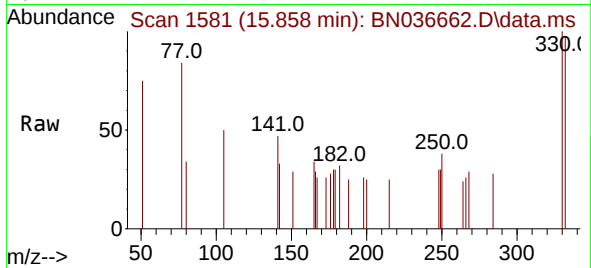




#14  
2,4,6-Tribromophenol  
Concen: 0.344 ng  
RT: 15.858 min Scan# 1581  
Delta R.T. 0.000 min  
Lab File: BN036662.D  
Acq: 17 Mar 2025 16:43

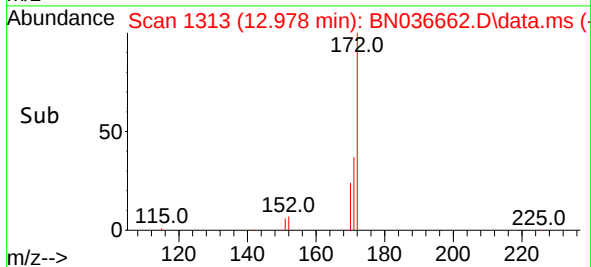
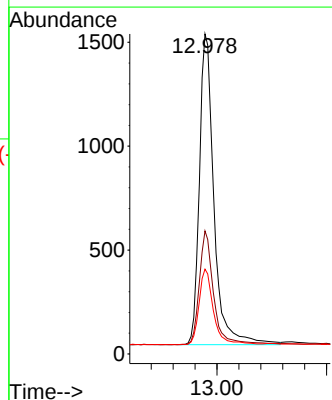
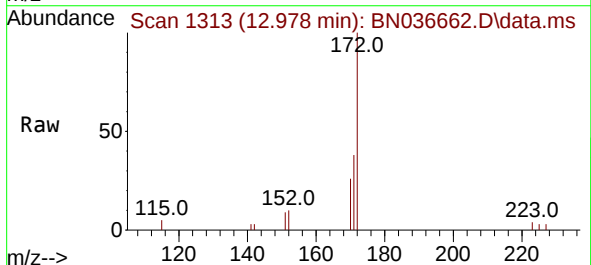
Instrument :  
BNA\_N  
ClientSampleId :  
TT180D-20250313

Tgt Ion:330 Resp: 308  
Ion Ratio Lower Upper  
330 100  
332 95.1 75.2 112.8  
141 54.5 43.4 65.2



#15  
2-Fluorobiphenyl  
Concen: 0.330 ng  
RT: 12.978 min Scan# 1313  
Delta R.T. -0.010 min  
Lab File: BN036662.D  
Acq: 17 Mar 2025 16:43

Tgt Ion:172 Resp: 3792  
Ion Ratio Lower Upper  
172 100  
171 38.4 29.5 44.3  
170 26.5 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN036662.D

Acq: 17 Mar 2025 16:43

Instrument :

BNA\_N

ClientSampleId :

TT180D-20250313

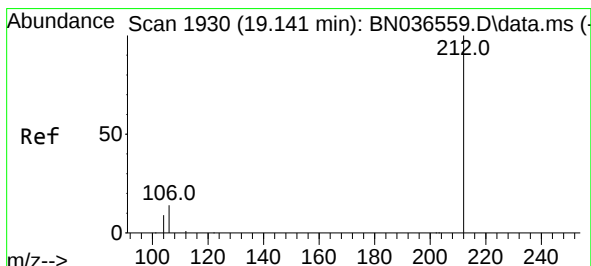
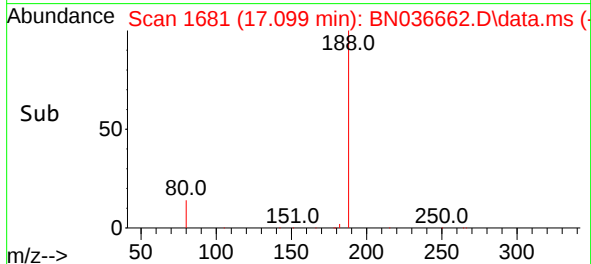
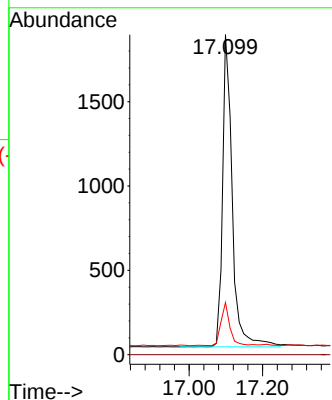
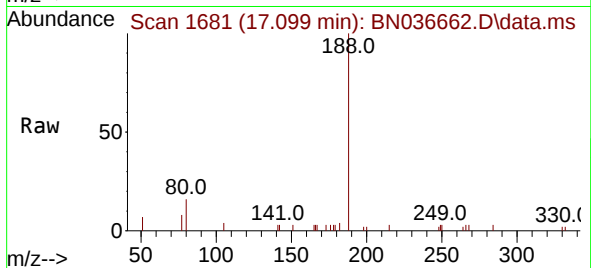
Tgt Ion:188 Resp: 3397

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.3 8.8 13.2#



#27

Fluoranthene-d10

Concen: 0.408 ng

RT: 19.136 min Scan# 1929

Delta R.T. -0.005 min

Lab File: BN036662.D

Acq: 17 Mar 2025 16:43

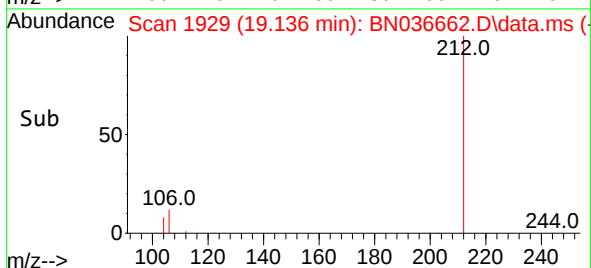
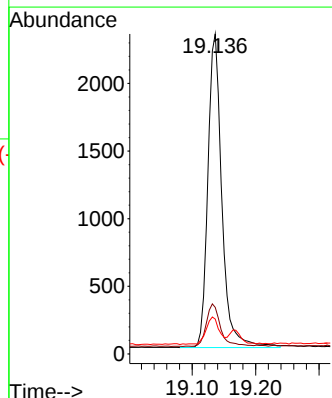
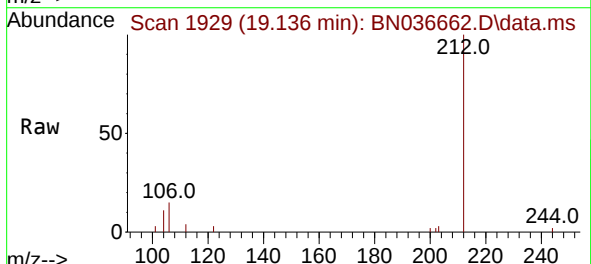
Tgt Ion:212 Resp: 3548

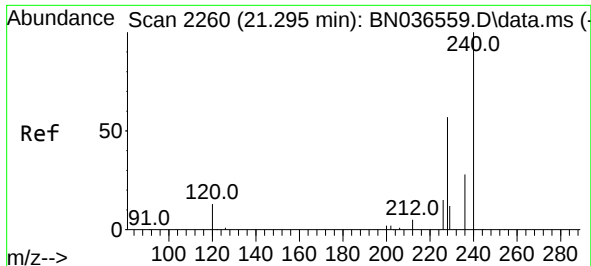
Ion Ratio Lower Upper

212 100

106 13.7 11.8 17.6

104 7.9 7.3 10.9

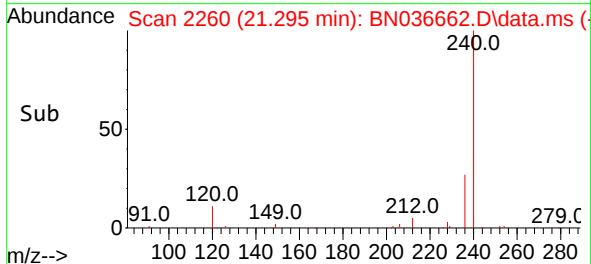
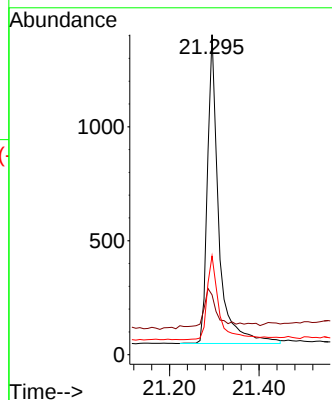
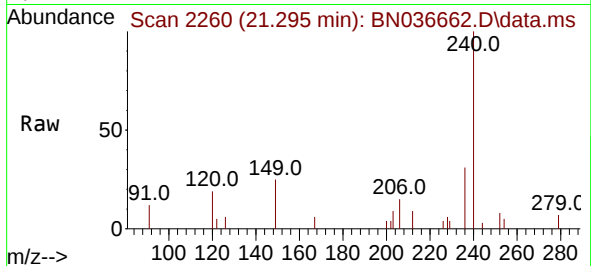




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.295 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN036662.D  
Acq: 17 Mar 2025 16:43

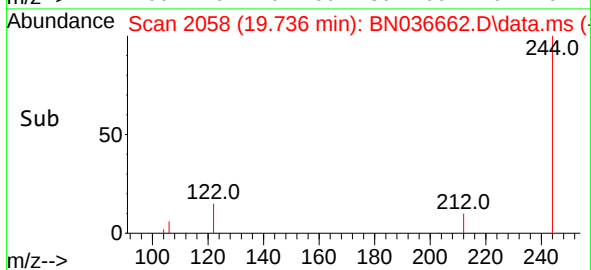
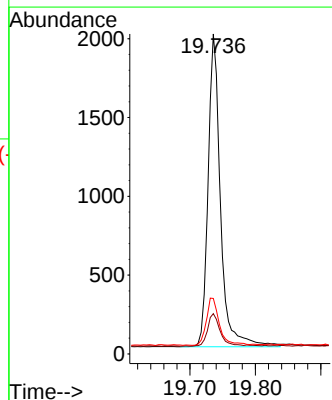
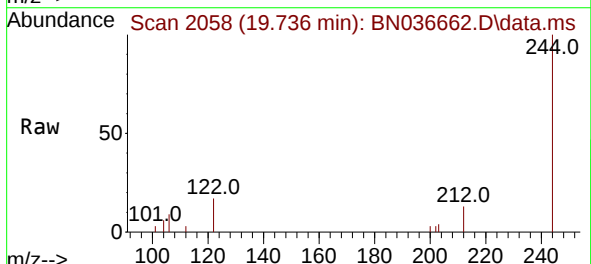
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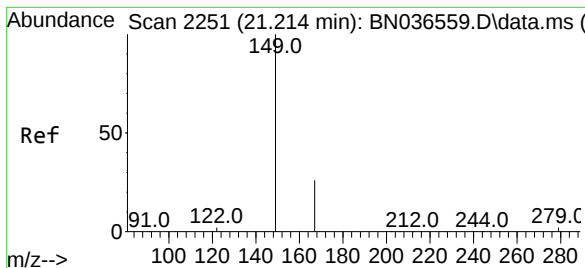
Tgt Ion:240 Resp: 2382  
Ion Ratio Lower Upper  
240 100  
120 18.7 14.6 22.0  
236 30.8 24.1 36.1



#31  
Terphenyl-d14  
Concen: 0.458 ng  
RT: 19.736 min Scan# 2058  
Delta R.T. -0.009 min  
Lab File: BN036662.D  
Acq: 17 Mar 2025 16:43

Tgt Ion:244 Resp: 2614  
Ion Ratio Lower Upper  
244 100  
212 12.6 9.6 14.4  
122 17.3 13.9 20.9

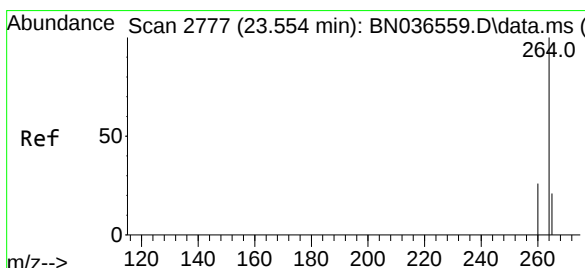
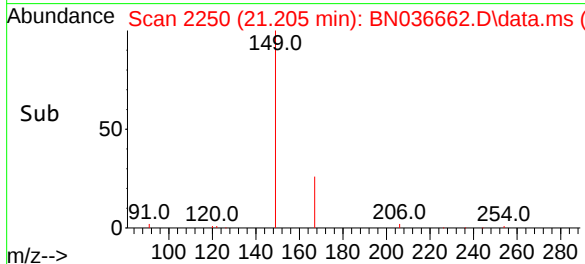
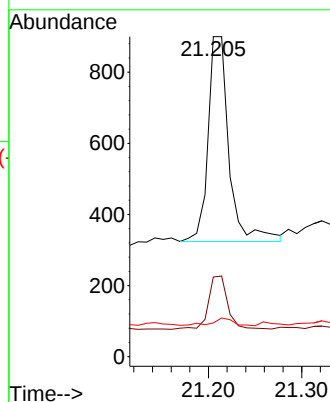
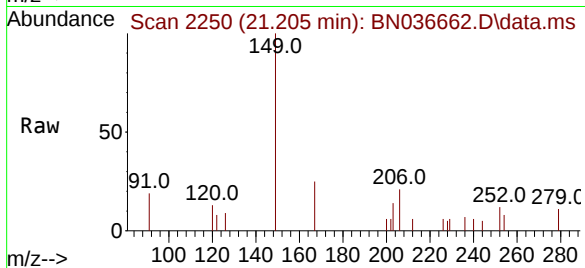




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.152 ng  
 RT: 21.205 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BN036662.D  
 Acq: 17 Mar 2025 16:43

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT180D-20250313

Tgt Ion:149 Resp: 896  
 Ion Ratio Lower Upper  
 149 100  
 167 23.9 20.7 31.1  
 279 3.8 3.6 5.4



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.548 min Scan# 2775  
 Delta R.T. -0.006 min  
 Lab File: BN036662.D  
 Acq: 17 Mar 2025 16:43

Tgt Ion:264 Resp: 2179  
 Ion Ratio Lower Upper  
 264 100  
 260 27.7 22.6 33.8  
 265 125.4 88.1 132.1

