

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040325\  
 Data File : BN036818.D  
 Acq On : 03 Apr 2025 12:24  
 Operator : RC/JU  
 Sample : PB167430BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167430BL

Quant Time: Apr 03 12:57:57 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

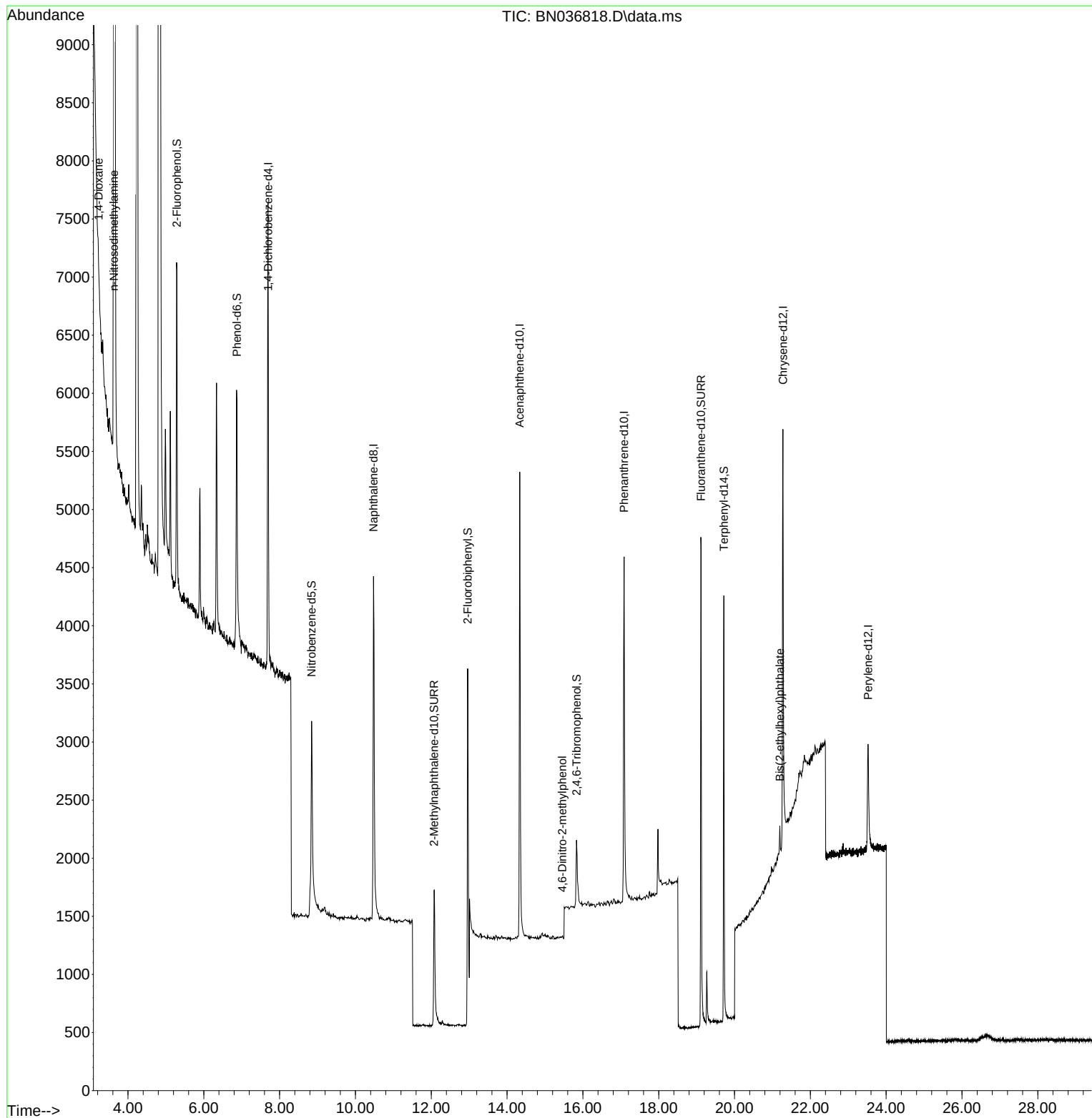
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.695  | 152  | 2093     | 0.400 | ng    | -0.03    |
| 7) Naphthalene-d8             | 10.477 | 136  | 4883     | 0.400 | ng    | -0.03    |
| 13) Acenaphthene-d10          | 14.334 | 164  | 2586     | 0.400 | ng    | -0.03    |
| 19) Phenanthrene-d10          | 17.086 | 188  | 5170     | 0.400 | ng    | -0.02    |
| 29) Chrysene-d12              | 21.277 | 240  | 4213     | 0.400 | ng    | -0.02    |
| 35) Perylene-d12              | 23.522 | 264  | 1585     | 0.400 | ng    | #-0.03   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.290  | 112  | 2043     | 0.419 | ng    | -0.02    |
| 5) Phenol-d6                  | 6.872  | 99   | 2348     | 0.390 | ng    | -0.03    |
| 8) Nitrobenzene-d5            | 8.843  | 82   | 1748     | 0.329 | ng    | -0.03    |
| 11) 2-Methylnaphthalene-d10   | 12.075 | 152  | 2530     | 0.348 | ng    | -0.04    |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 430      | 0.366 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 12.963 | 172  | 5223     | 0.347 | ng    | -0.03    |
| 27) Fluoranthene-d10          | 19.118 | 212  | 5136     | 0.388 | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.717 | 244  | 3689     | 0.365 | ng    | -0.03    |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.225  | 88   | 70       | 0.030 | ng    | # 15     |
| 3) n-Nitrosodimethylamine     | 3.629  | 42   | 8207     | 1.747 | ng    | # 7      |
| 20) 4,6-Dinitro-2-methylph... | 15.457 | 198  | 1        | 0.146 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149  | 235      | 0.023 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

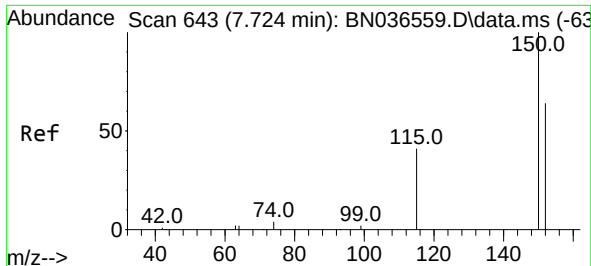
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN036818.D  
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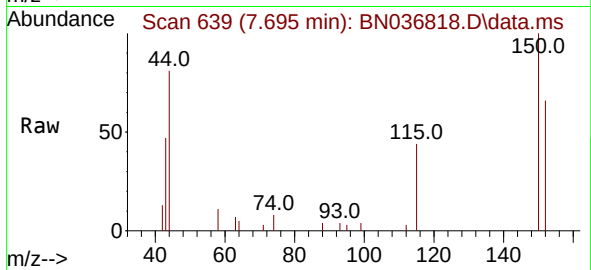
Quant Time: Apr 03 12:57:57 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 16:06:28 2025  
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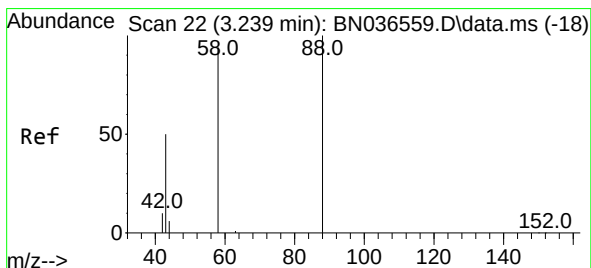
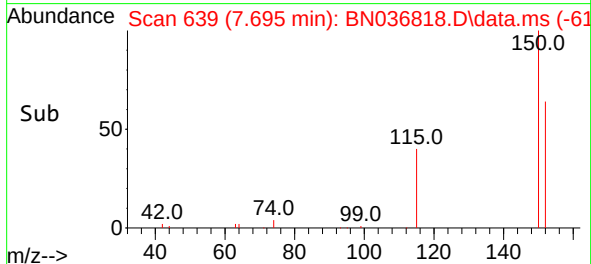
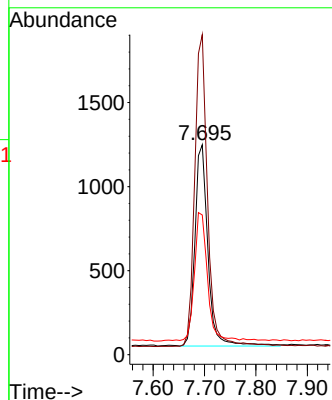
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.695 min Scan# 61  
 Delta R.T. -0.029 min  
 Lab File: BN036818.D  
 Acq: 03 Apr 2025 12:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167430BL



Tgt Ion:152 Resp: 2093

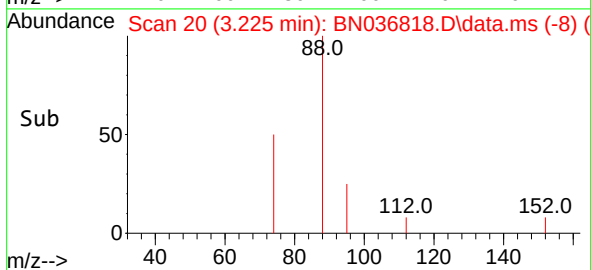
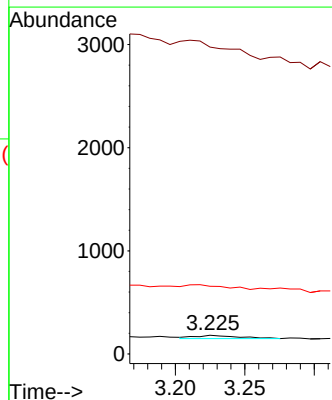
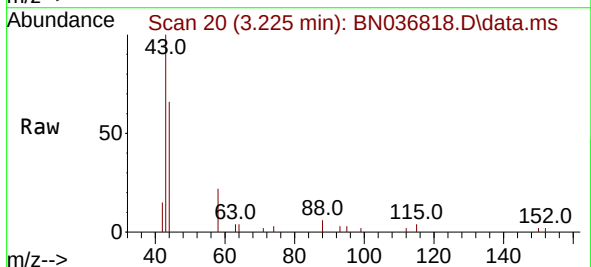
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 152.4 | 123.7 | 185.5 |
| 115 | 66.5  | 54.3  | 81.5  |

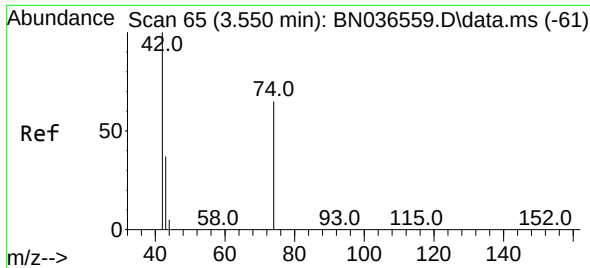


#2  
 1,4-Dioxane  
 Concen: 0.030 ng  
 RT: 3.225 min Scan# 20  
 Delta R.T. -0.014 min  
 Lab File: BN036818.D  
 Acq: 03 Apr 2025 12:24

Tgt Ion: 88 Resp: 70

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 88  | 100   |       |        |
| 43  | 0.0   | 37.8  | 56.8#  |
| 58  | 0.0   | 67.4  | 101.2# |

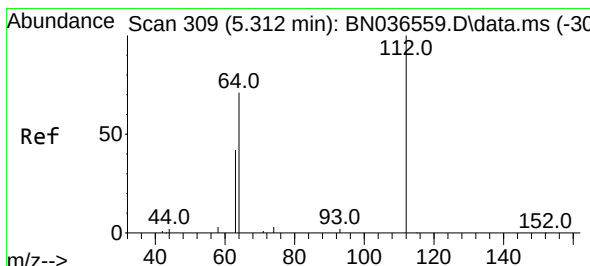
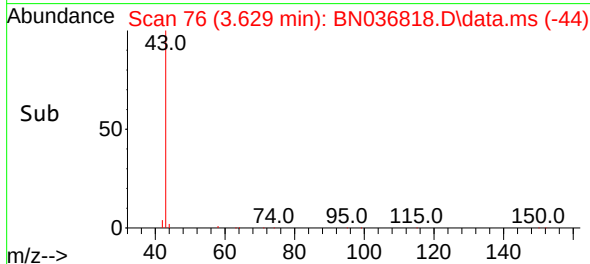
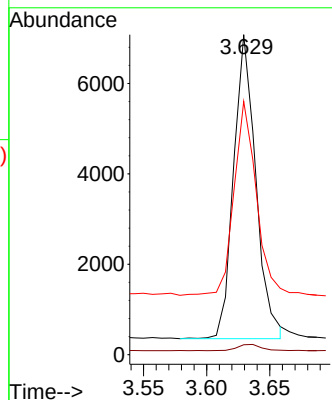
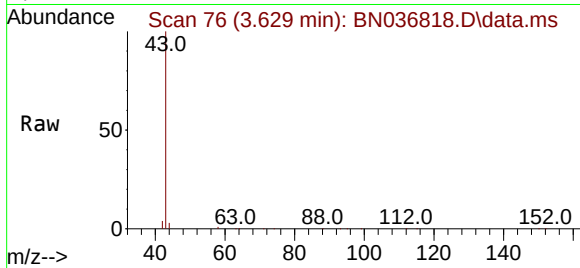




#3  
 n-Nitrosodimethylamine  
 Concen: 1.747 ng  
 RT: 3.629 min Scan# 70  
 Delta R.T. 0.079 min  
 Lab File: BN036818.D  
 Acq: 03 Apr 2025 12:24

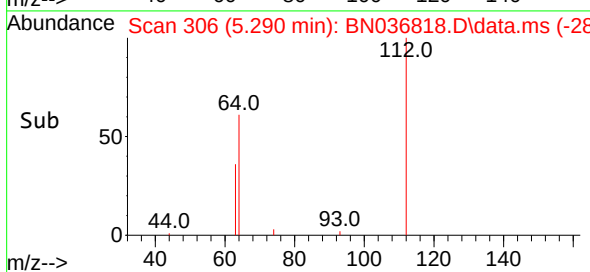
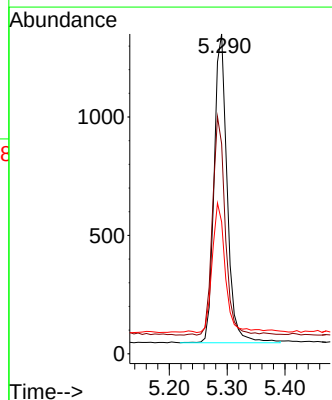
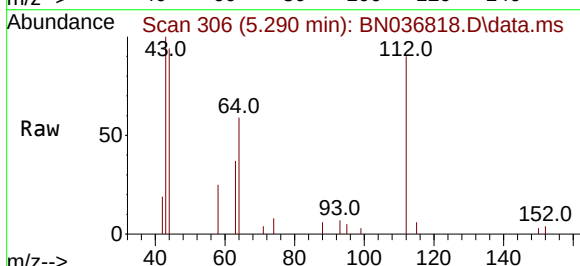
Instrument :  
 BNA\_N  
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 PB167430BL

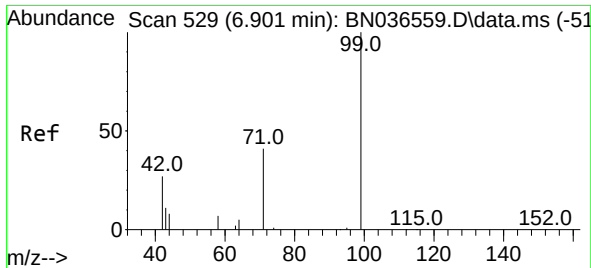
Tgt Ion: 42 Resp: 8207  
 Ion Ratio Lower Upper  
 42 100  
 74 2.2 60.6 90.8#  
 44 63.9 6.3 9.5#



#4  
 2-Fluorophenol  
 Concen: 0.419 ng  
 RT: 5.290 min Scan# 306  
 Delta R.T. -0.022 min  
 Lab File: BN036818.D  
 Acq: 03 Apr 2025 12:24

Tgt Ion: 112 Resp: 2043  
 Ion Ratio Lower Upper  
 112 100  
 64 69.3 53.1 79.7  
 63 41.9 31.8 47.8

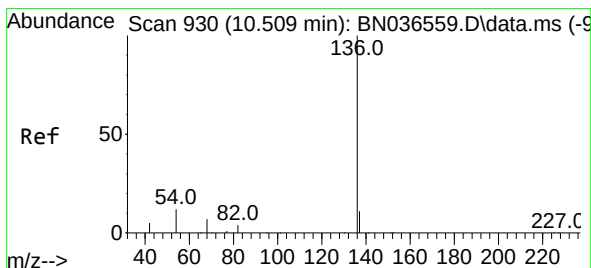
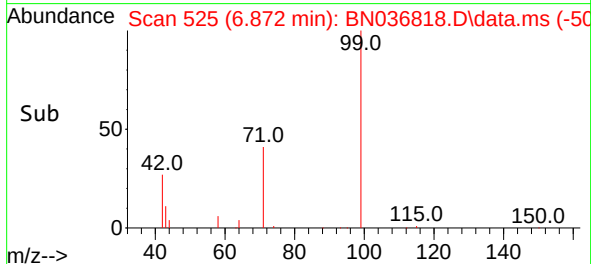
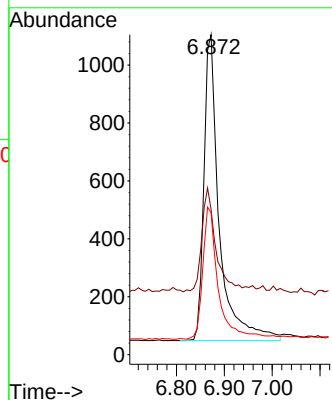
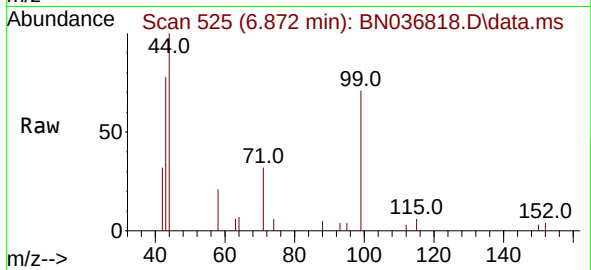




#5  
Phenol-d6  
Concen: 0.390 ng  
RT: 6.872 min Scan# 51  
Delta R.T. -0.029 min  
Lab File: BN036818.D  
Acq: 03 Apr 2025 12:24

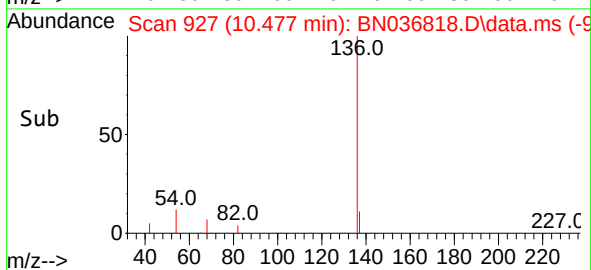
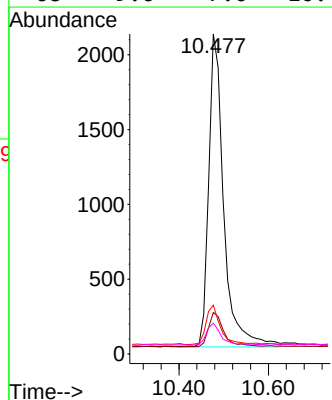
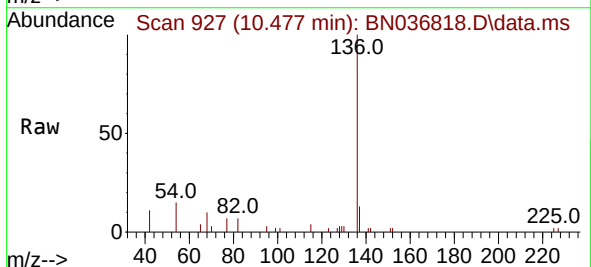
Instrument :  
BNA\_N  
ClientSampleId :  
PB167430BL

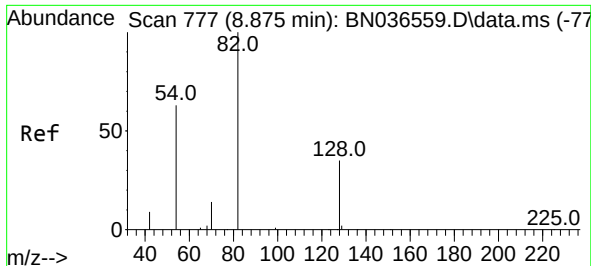
Tgt Ion: 99 Resp: 2348  
Ion Ratio Lower Upper  
99 100  
42 31.7 26.5 39.7  
71 44.8 34.1 51.1



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.477 min Scan# 927  
Delta R.T. -0.032 min  
Lab File: BN036818.D  
Acq: 03 Apr 2025 12:24

Tgt Ion: 136 Resp: 4883  
Ion Ratio Lower Upper  
136 100  
137 12.9 10.3 15.5  
54 15.2 11.5 17.3  
68 9.6 7.0 10.4

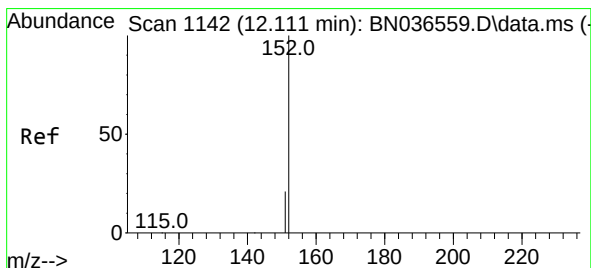
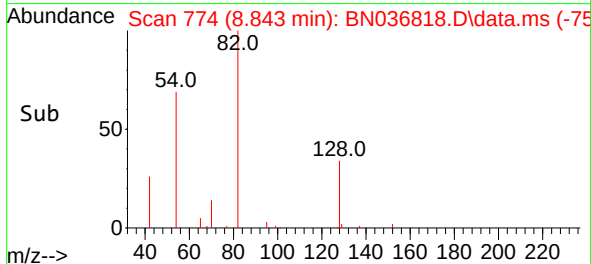
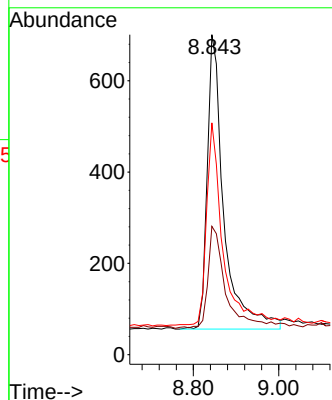
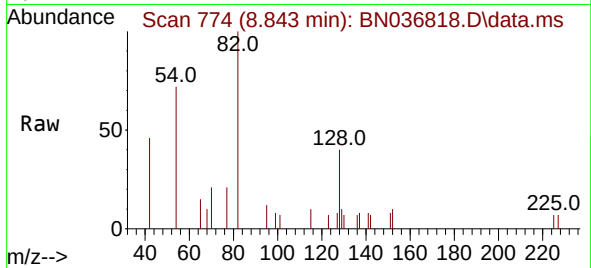




#8  
Nitrobenzene-d5  
Concen: 0.329 ng  
RT: 8.843 min Scan# 71  
Delta R.T. -0.032 min  
Lab File: BN036818.D  
Acq: 03 Apr 2025 12:24

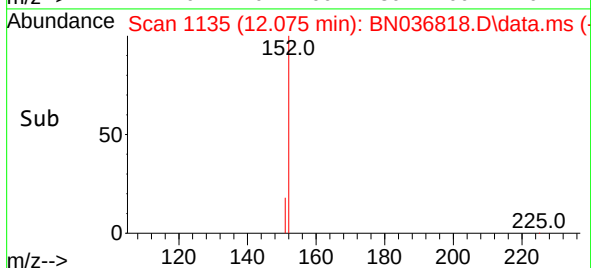
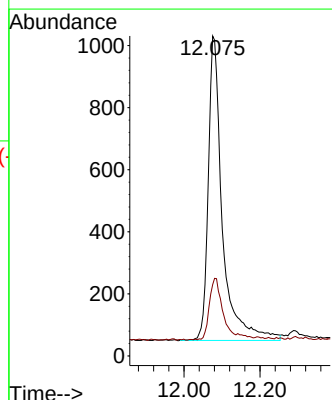
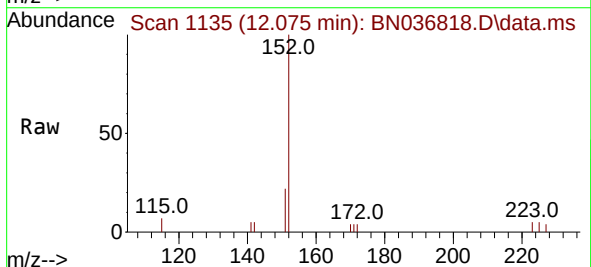
Instrument :  
BNA\_N  
ClientSampleId :  
PB167430BL

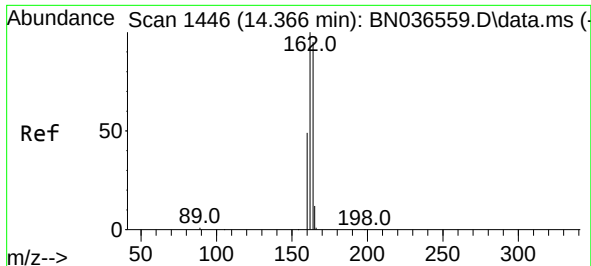
Tgt Ion: 82 Resp: 1748  
Ion Ratio Lower Upper  
82 100  
128 40.1 30.6 45.8  
54 72.5 52.2 78.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.348 ng  
RT: 12.075 min Scan# 1135  
Delta R.T. -0.035 min  
Lab File: BN036818.D  
Acq: 03 Apr 2025 12:24

Tgt Ion: 152 Resp: 2530  
Ion Ratio Lower Upper  
152 100  
151 18.7 17.0 25.6

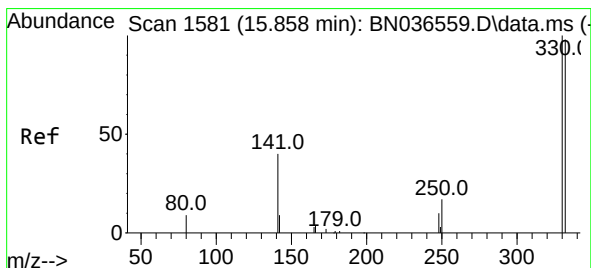
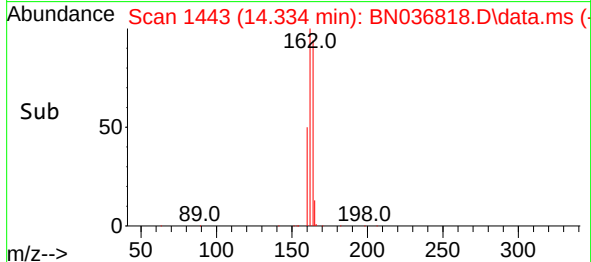
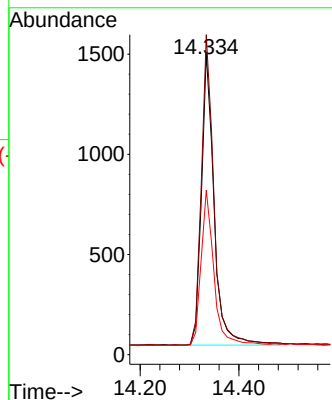
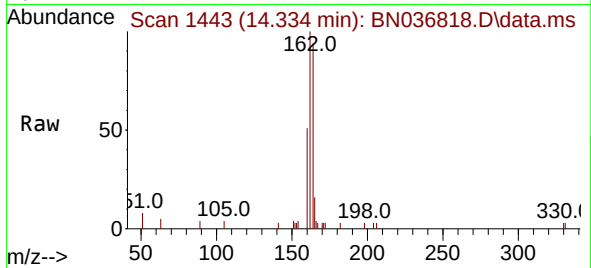




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.334 min Scan# 14  
Delta R.T. -0.032 min  
Lab File: BN036818.D  
Acq: 03 Apr 2025 12:24

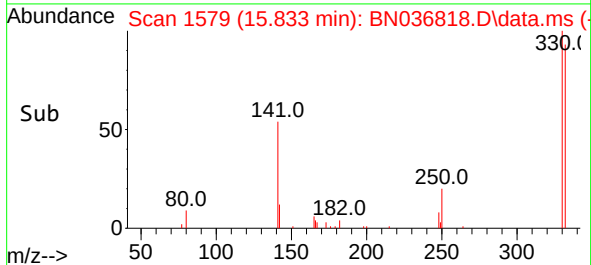
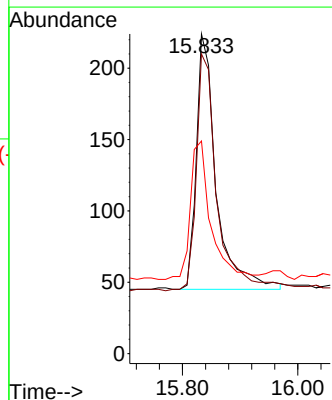
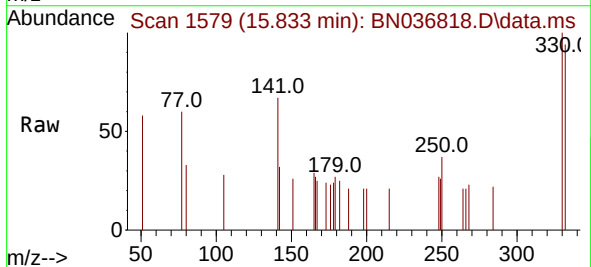
Instrument :  
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ClientSampleId :  
PB167430BL

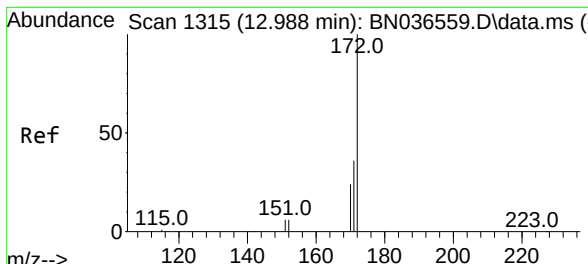
Tgt Ion:164 Resp: 2586  
Ion Ratio Lower Upper  
164 100  
162 106.3 84.2 126.2  
160 54.7 42.2 63.2



#14  
2,4,6-Tribromophenol  
Concen: 0.366 ng  
RT: 15.833 min Scan# 1579  
Delta R.T. -0.025 min  
Lab File: BN036818.D  
Acq: 03 Apr 2025 12:24

Tgt Ion:330 Resp: 430  
Ion Ratio Lower Upper  
330 100  
332 96.7 75.2 112.8  
141 55.1 43.4 65.2

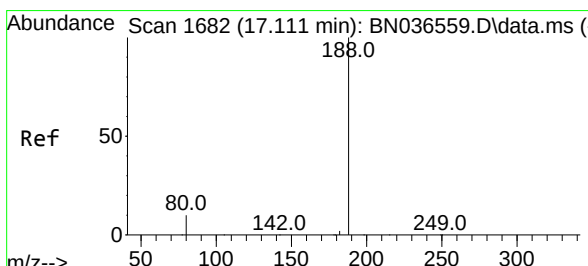
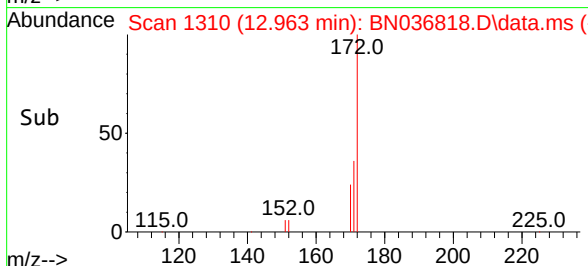
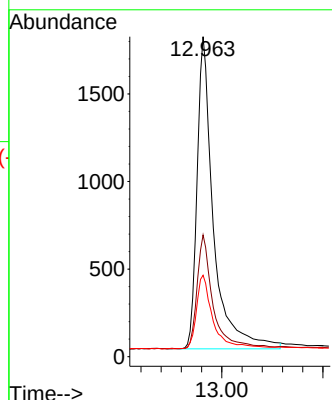
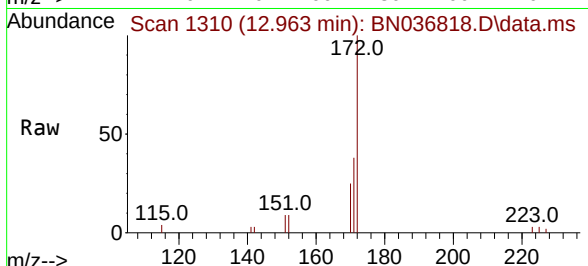




#15  
2-Fluorobiphenyl  
Concen: 0.347 ng  
RT: 12.963 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: BN036818.D  
Acq: 03 Apr 2025 12:24

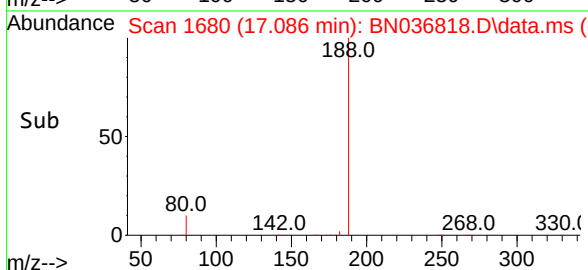
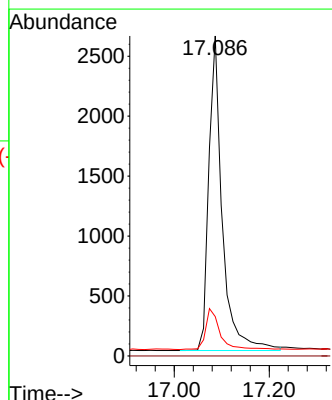
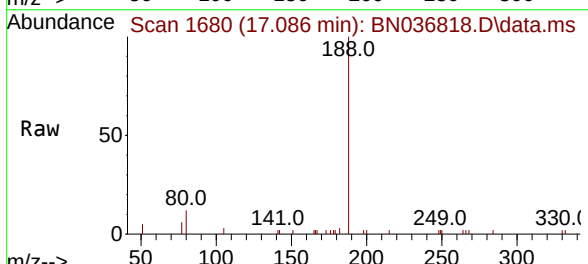
Instrument :  
BNA\_N  
ClientSampleId :  
PB167430BL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 5223  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 38.0  | 29.5  | 44.3  |
| 170      | 25.5  | 20.2  | 30.4  |

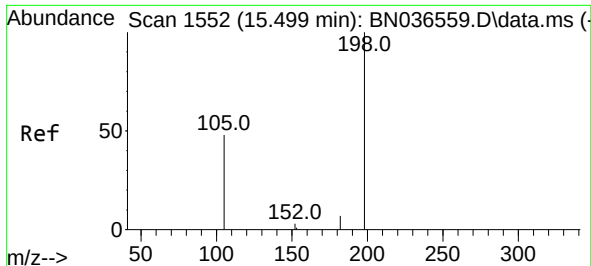


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.086 min Scan# 1680  
Delta R.T. -0.025 min  
Lab File: BN036818.D  
Acq: 03 Apr 2025 12:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 5170  |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 12.3  | 8.8   | 13.2  |



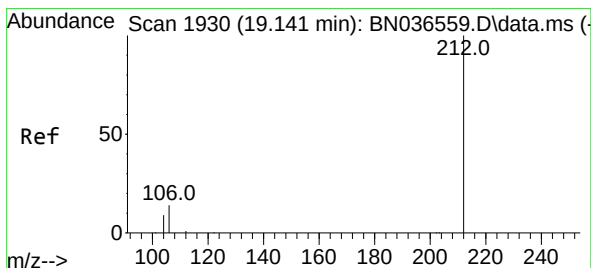
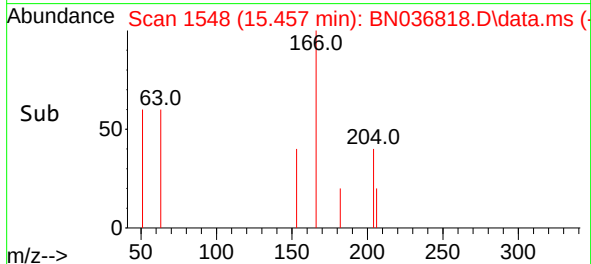
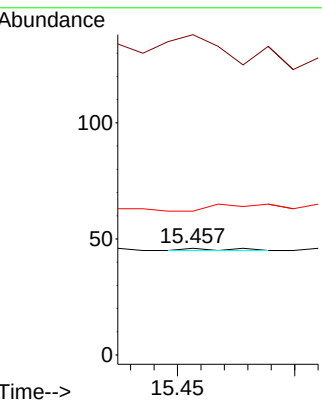
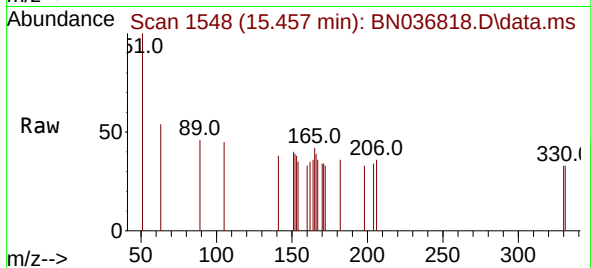




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.146 ng  
RT: 15.457 min Scan# 11  
Delta R.T. -0.042 min  
Lab File: BN036818.D  
Acq: 03 Apr 2025 12:24

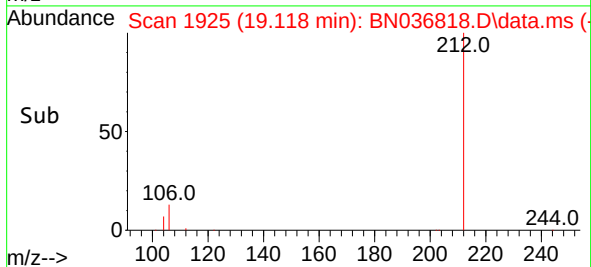
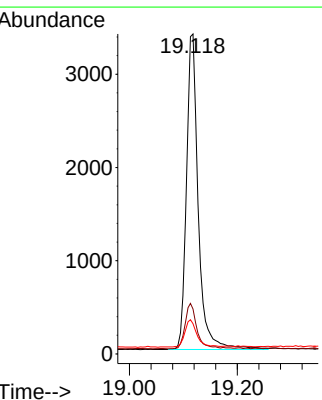
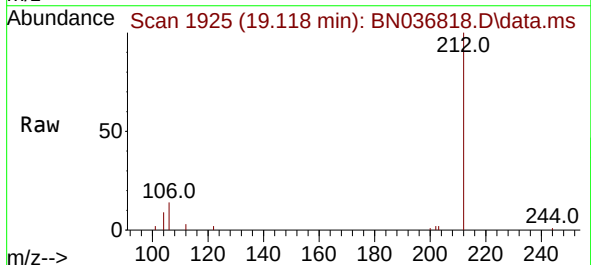
Instrument :  
BNA\_N  
ClientSampleId :  
PB167430BL

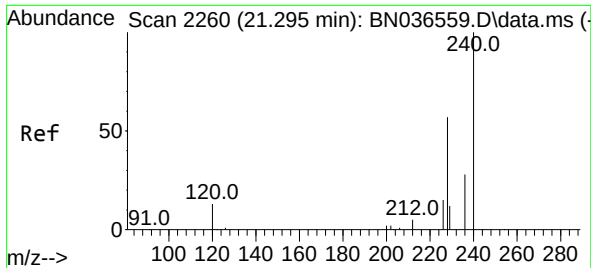
Tgt Ion:198 Resp: 1  
Ion Ratio Lower Upper  
198 100  
51 300.0 107.9 161.9#  
105 134.8 56.2 84.2#



#27  
Fluoranthene-d10  
Concen: 0.388 ng  
RT: 19.118 min Scan# 1925  
Delta R.T. -0.023 min  
Lab File: BN036818.D  
Acq: 03 Apr 2025 12:24

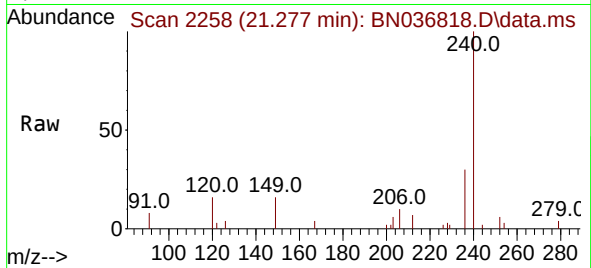
Tgt Ion:212 Resp: 5136  
Ion Ratio Lower Upper  
212 100  
106 14.2 11.8 17.6  
104 8.7 7.3 10.9



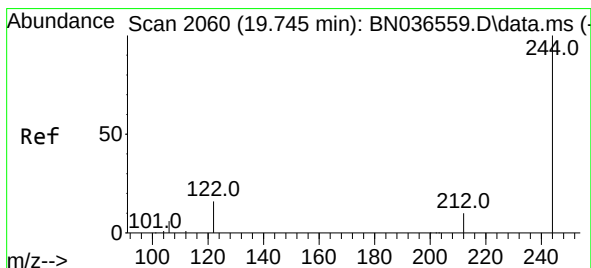
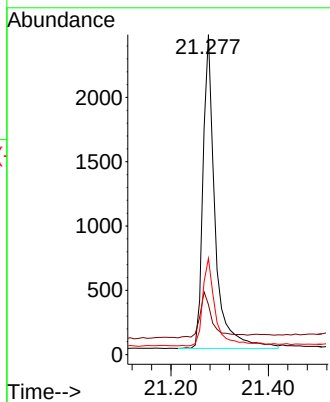
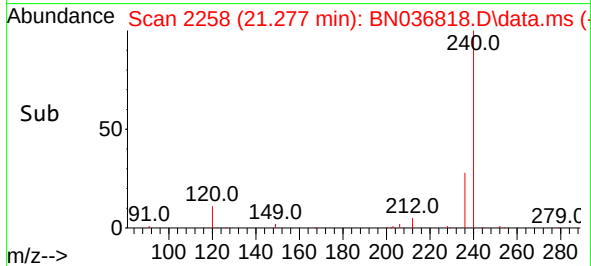


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BN036818.D  
Acq: 03 Apr 2025 12:24

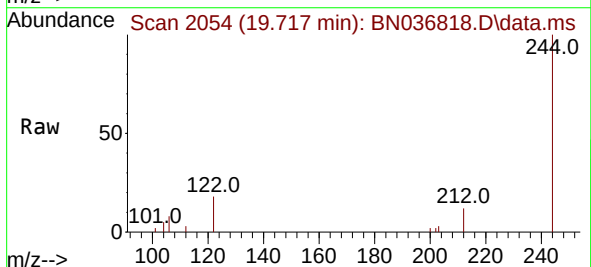
Instrument :  
BNA\_N  
ClientSampleId :  
PB167430BL



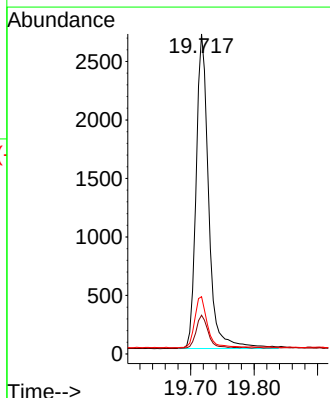
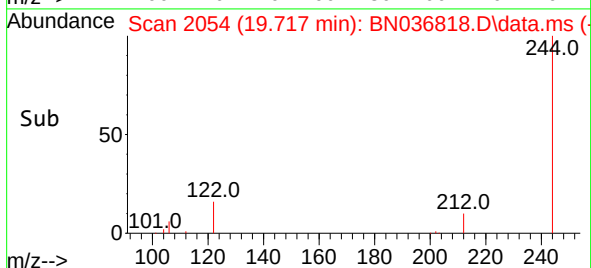
Tgt Ion:240 Resp: 4213  
Ion Ratio Lower Upper  
240 100  
120 15.6 14.6 22.0  
236 30.1 24.1 36.1

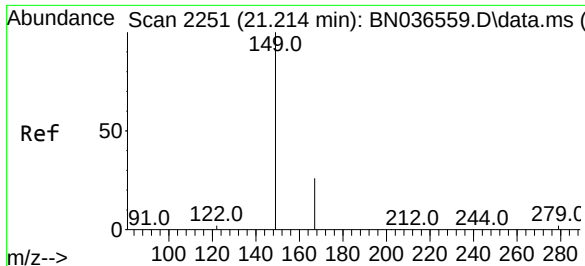


#31  
Terphenyl-d14  
Concen: 0.365 ng  
RT: 19.717 min Scan# 2054  
Delta R.T. -0.028 min  
Lab File: BN036818.D  
Acq: 03 Apr 2025 12:24



Tgt Ion:244 Resp: 3689  
Ion Ratio Lower Upper  
244 100  
212 12.1 9.6 14.4  
122 17.9 13.9 20.9

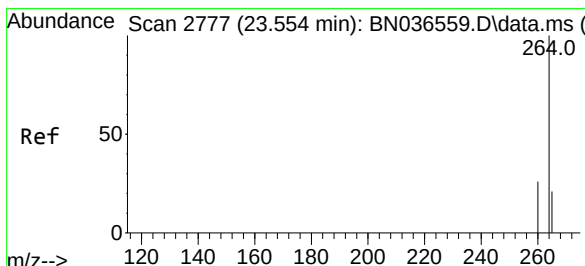
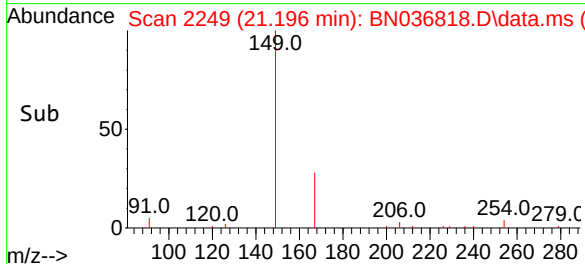
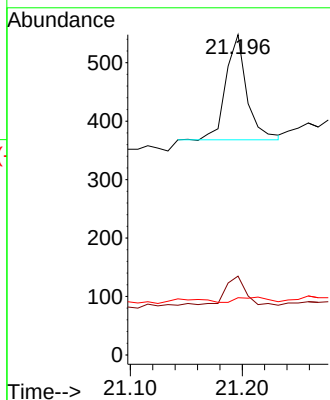
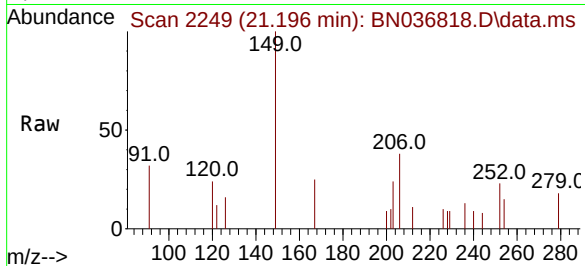




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.023 ng  
 RT: 21.196 min Scan# 21196  
 Delta R.T. -0.018 min  
 Lab File: BN036818.D  
 Acq: 03 Apr 2025 12:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167430BL

Tgt Ion:149 Resp: 235  
 Ion Ratio Lower Upper  
 149 100  
 167 26.8 20.7 31.1  
 279 6.8 3.6 5.4#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.522 min Scan# 2766  
 Delta R.T. -0.032 min  
 Lab File: BN036818.D  
 Acq: 03 Apr 2025 12:24

Tgt Ion:264 Resp: 1585  
 Ion Ratio Lower Upper  
 264 100  
 260 31.6 22.6 33.8  
 265 187.3 88.1 132.1#

