

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021125\  
 Data File : BN036419.D  
 Acq On : 11 Feb 2025 10:38  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Feb 11 12:09:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN021025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 11 01:17:14 2025  
 Response via : Initial Calibration

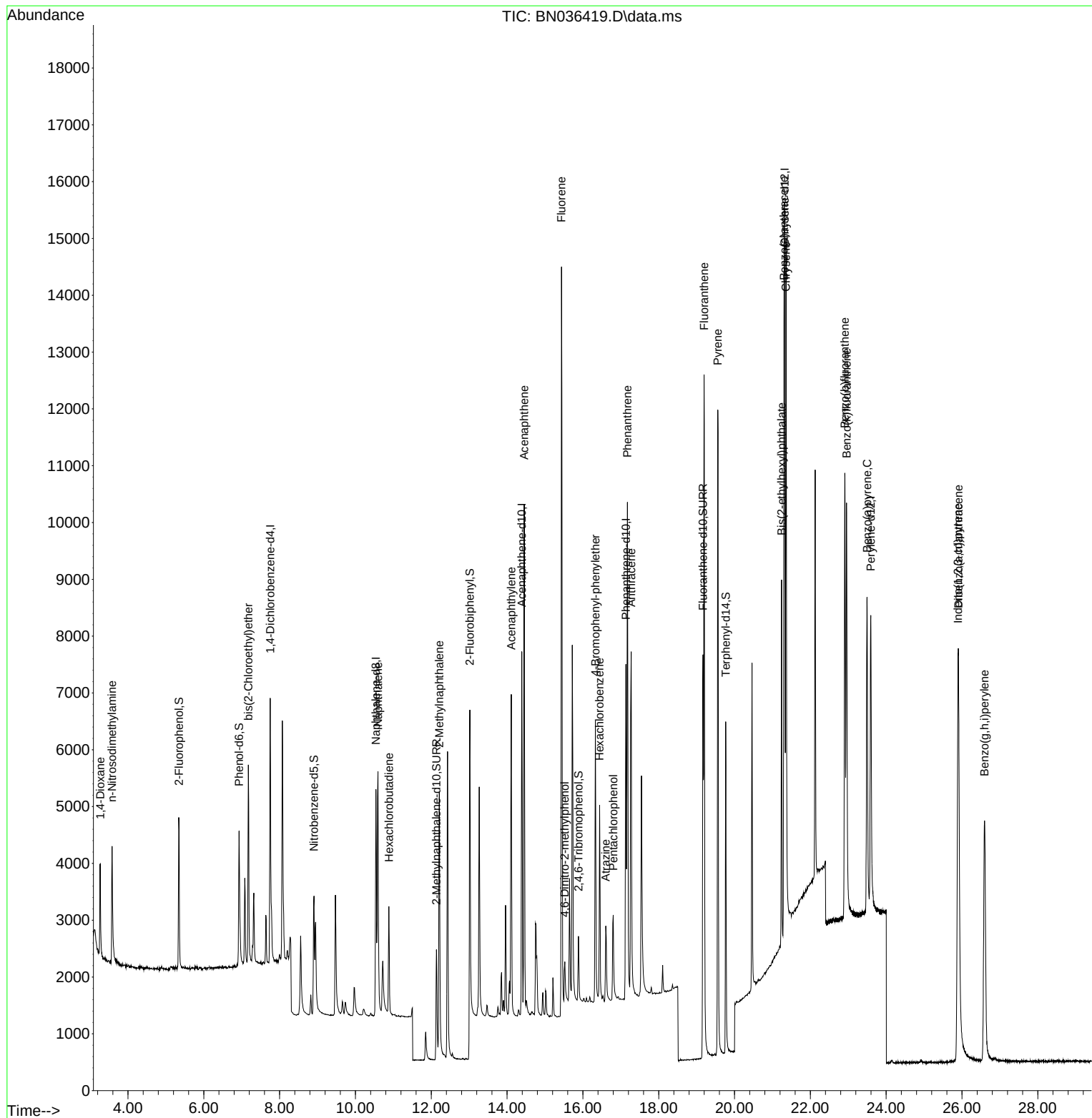
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.753  | 152  | 2297     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.541 | 136  | 5702     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.388 | 164  | 3750     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.136 | 188  | 8399     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.322 | 240  | 7728     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.595 | 264  | 7910     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.348  | 112  | 2043     | 0.376 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.930  | 99   | 2339     | 0.367 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.907  | 82   | 2136     | 0.380 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.136 | 152  | 3404     | 0.388 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.883 | 330  | 655      | 0.352 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.019 | 172  | 5289     | 0.375 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.169 | 212  | 9036     | 0.387 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.768 | 244  | 6442     | 0.391 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.268  | 88   | 983      | 0.391 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.579  | 42   | 1757     | 0.403 | ng    | # 99     |
| 6) bis(2-Chloroethyl)ether    | 7.176  | 93   | 2691     | 0.404 | ng    | 96       |
| 9) Naphthalene                | 10.594 | 128  | 6378     | 0.388 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.883 | 225  | 1582     | 0.395 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.212 | 142  | 4140     | 0.384 | ng    | 98       |
| 16) Acenaphthylene            | 14.110 | 152  | 6348     | 0.383 | ng    | 99       |
| 17) Acenaphthene              | 14.452 | 154  | 4257     | 0.385 | ng    | 100      |
| 18) Fluorene                  | 15.435 | 166  | 6184     | 0.393 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.523 | 198  | 569      | 0.345 | ng    | 92       |
| 21) 4-Bromophenyl-phenylether | 16.329 | 248  | 1994     | 0.398 | ng    | 95       |
| 22) Hexachlorobenzene         | 16.441 | 284  | 2491     | 0.403 | ng    | 98       |
| 23) Atrazine                  | 16.602 | 200  | 1518     | 0.363 | ng    | # 93     |
| 24) Pentachlorophenol         | 16.801 | 266  | 1020     | 0.347 | ng    | 97       |
| 25) Phenanthrene              | 17.173 | 178  | 9457     | 0.390 | ng    | 99       |
| 26) Anthracene                | 17.273 | 178  | 8241     | 0.385 | ng    | 99       |
| 28) Fluoranthene              | 19.197 | 202  | 11494    | 0.385 | ng    | 100      |
| 30) Pyrene                    | 19.559 | 202  | 11643    | 0.391 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.304 | 228  | 9625     | 0.378 | ng    | 98       |
| 33) Chrysene                  | 21.358 | 228  | 11407    | 0.414 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.241 | 149  | 5511     | 0.348 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.893 | 276  | 11010    | 0.398 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.908 | 252  | 10324    | 0.396 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 22.955 | 252  | 11121    | 0.415 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.496 | 252  | 9001     | 0.396 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 25.908 | 278  | 8554     | 0.392 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.595 | 276  | 9845     | 0.398 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

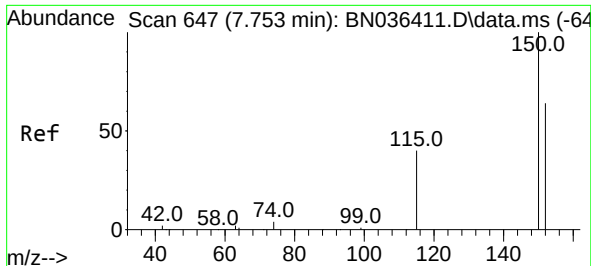
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021125\  
Data File : BN036419.D  
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Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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ClientSampleId :  
SSTDCCC0.4

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN021025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Feb 11 01:17:14 2025  
Response via : Initial Calibration

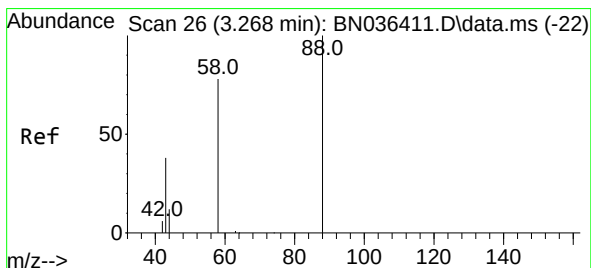
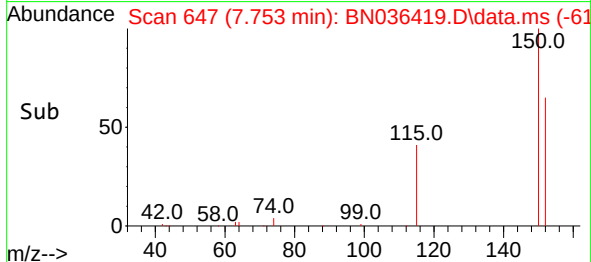
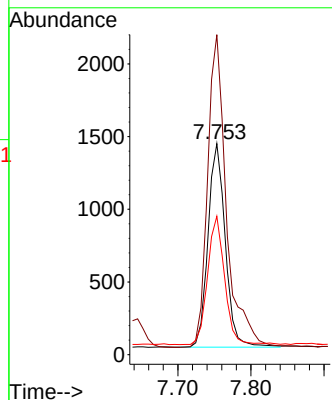
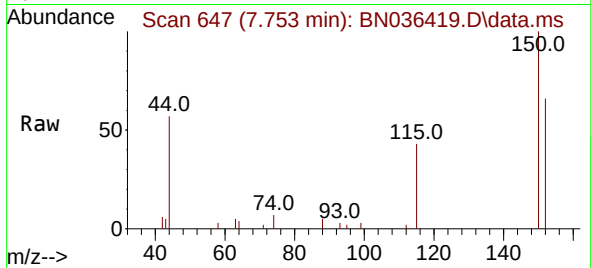




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.753 min Scan# 64  
 Delta R.T. 0.000 min  
 Lab File: BN036419.D  
 Acq: 11 Feb 2025 10:38

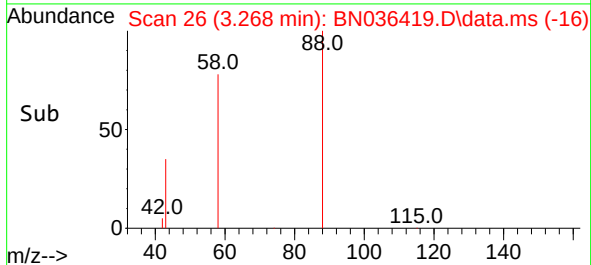
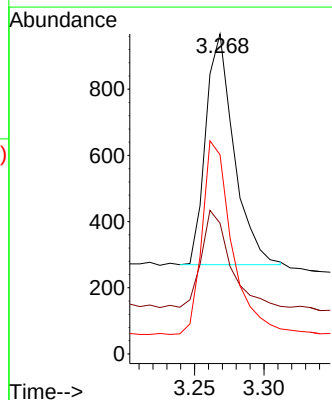
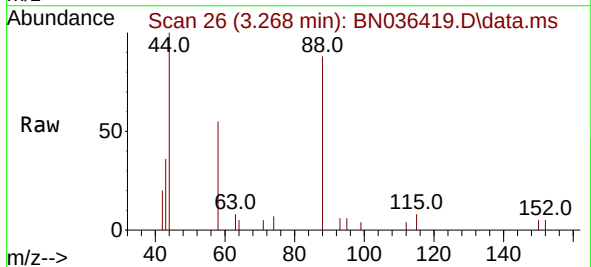
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

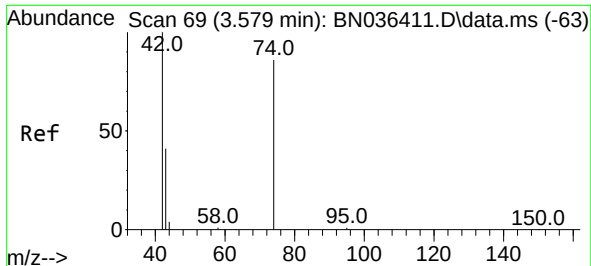
Tgt Ion:152 Resp: 2297  
 Ion Ratio Lower Upper  
 152 100  
 150 151.6 123.7 185.5  
 115 65.6 52.5 78.7



#2  
 1,4-Dioxane  
 Concen: 0.391 ng  
 RT: 3.268 min Scan# 26  
 Delta R.T. 0.000 min  
 Lab File: BN036419.D  
 Acq: 11 Feb 2025 10:38

Tgt Ion: 88 Resp: 983  
 Ion Ratio Lower Upper  
 88 100  
 43 43.4 33.7 50.5  
 58 89.0 68.9 103.3

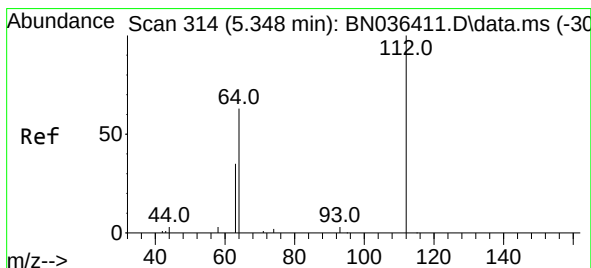
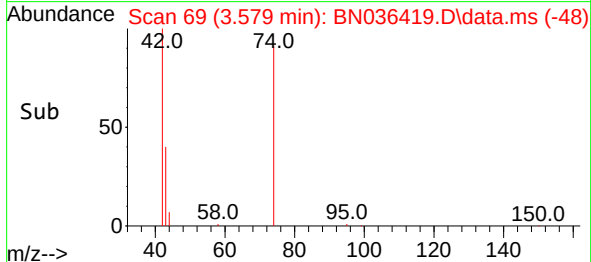
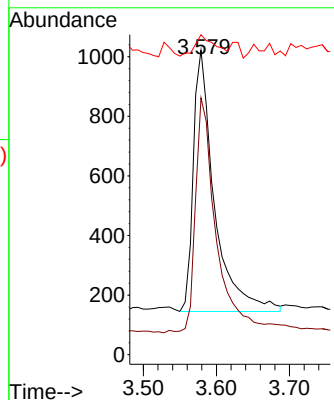
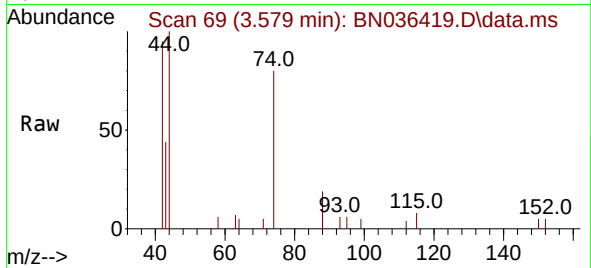




#3  
 n-Nitrosodimethylamine  
 Concen: 0.403 ng  
 RT: 3.579 min Scan# 69  
 Delta R.T. 0.000 min  
 Lab File: BN036419.D  
 Acq: 11 Feb 2025 10:38

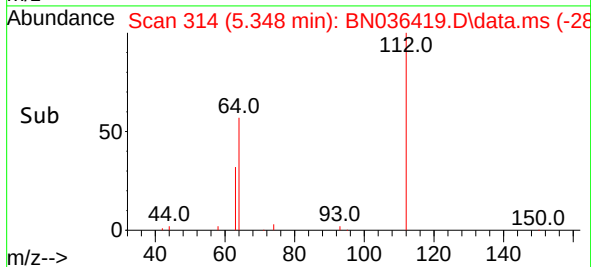
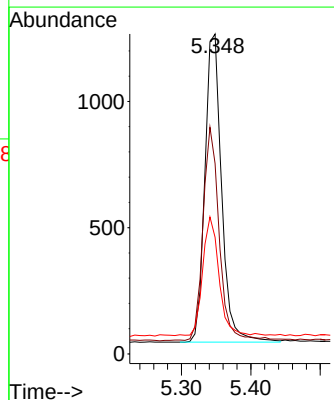
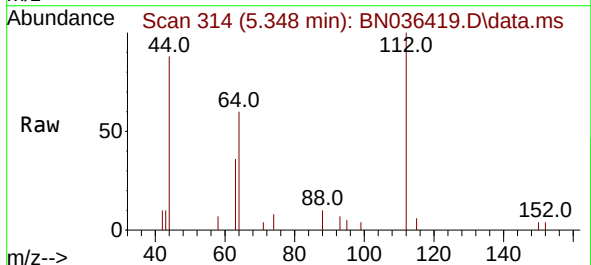
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

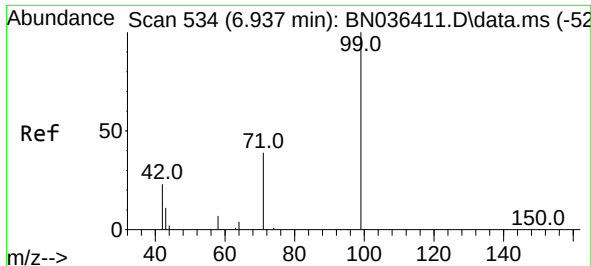
Tgt Ion: 42 Resp: 1757  
 Ion Ratio Lower Upper  
 42 100  
 74 90.4 71.8 107.6  
 44 7.6 7.8 11.6#



#4  
 2-Fluorophenol  
 Concen: 0.376 ng  
 RT: 5.348 min Scan# 314  
 Delta R.T. 0.000 min  
 Lab File: BN036419.D  
 Acq: 11 Feb 2025 10:38

Tgt Ion: 112 Resp: 2043  
 Ion Ratio Lower Upper  
 112 100  
 64 68.1 53.4 80.0  
 63 37.2 30.3 45.5

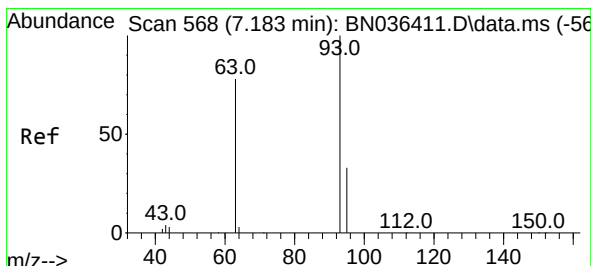
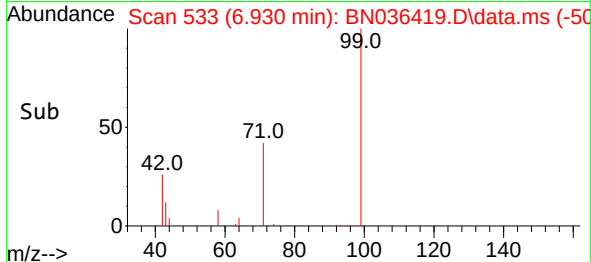
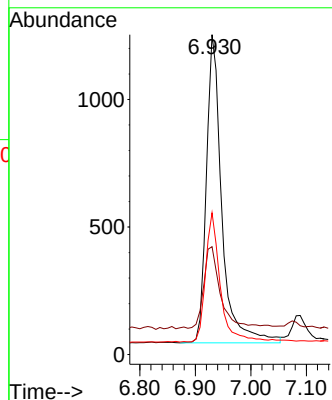
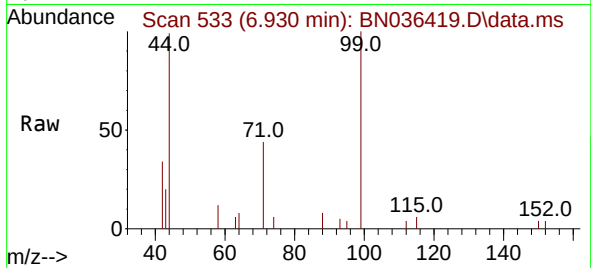




#5  
Phenol-d6  
Concen: 0.367 ng  
RT: 6.930 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

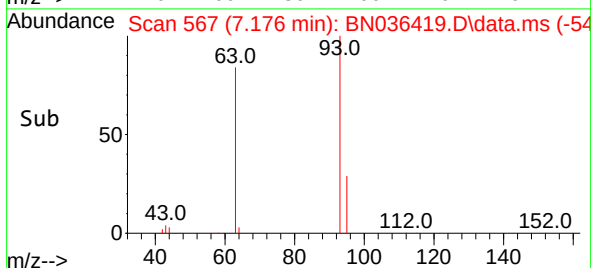
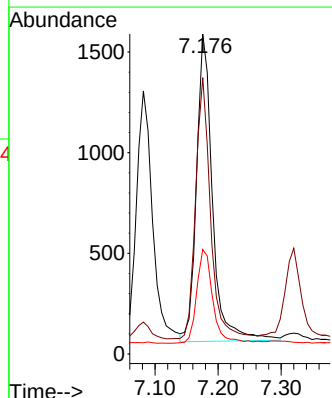
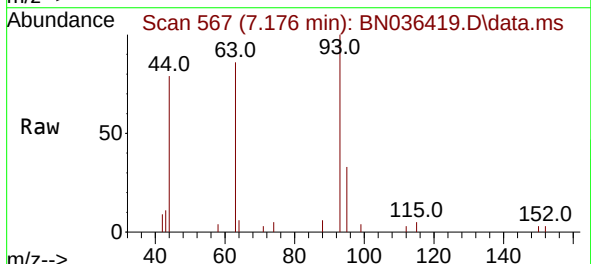
Instrument :  
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ClientSampleId :  
SSTDCCC0.4

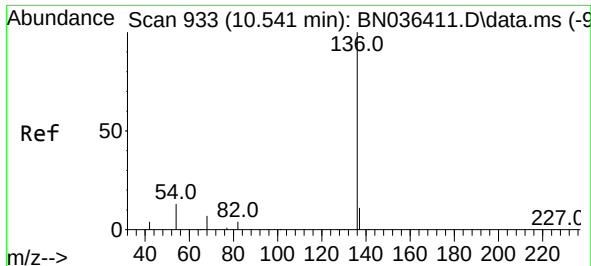
Tgt Ion: 99 Resp: 2339  
Ion Ratio Lower Upper  
99 100  
42 28.5 21.7 32.5  
71 39.6 32.6 49.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.404 ng  
RT: 7.176 min Scan# 567  
Delta R.T. -0.007 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Tgt Ion: 93 Resp: 2691  
Ion Ratio Lower Upper  
93 100  
63 79.2 66.3 99.5  
95 30.8 26.2 39.4

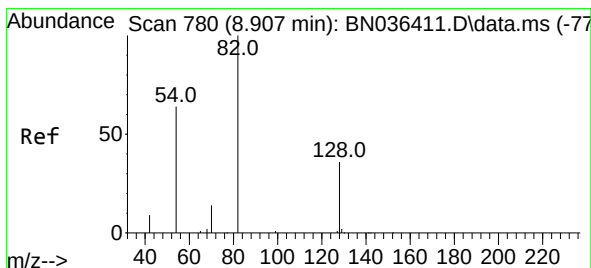
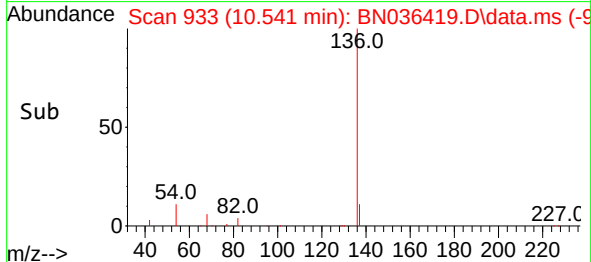
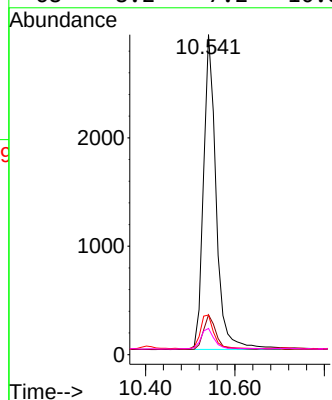
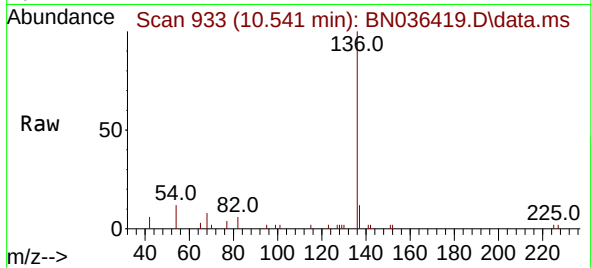




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.541 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

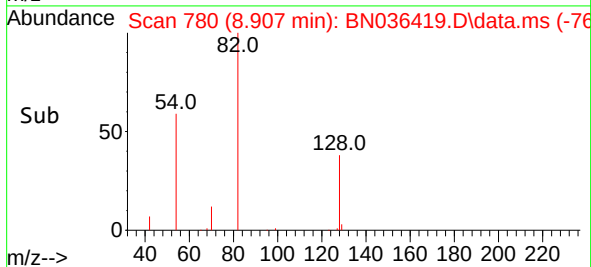
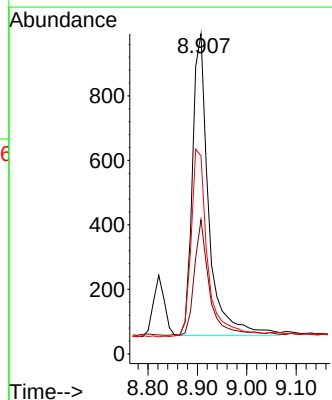
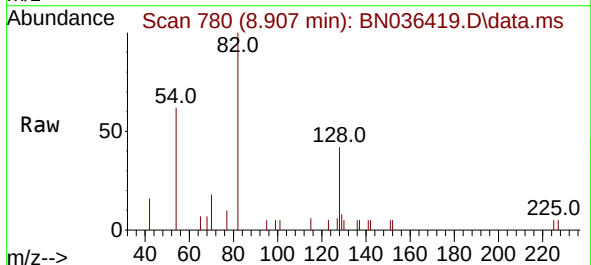
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ClientSampleId :  
SSTDCCC0.4

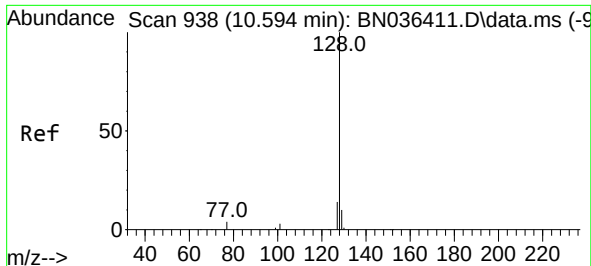
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 5702  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.4  | 10.1  | 15.1  |
| 54       | 12.4  | 11.8  | 17.6  |
| 68       | 8.2   | 7.2   | 10.8  |



#8  
Nitrobenzene-d5  
Concen: 0.380 ng  
RT: 8.907 min Scan# 780  
Delta R.T. 0.000 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2136  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 41.9  | 31.9  | 47.9  |
| 54       | 61.9  | 53.1  | 79.7  |

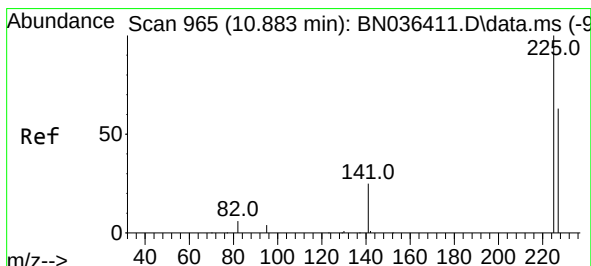
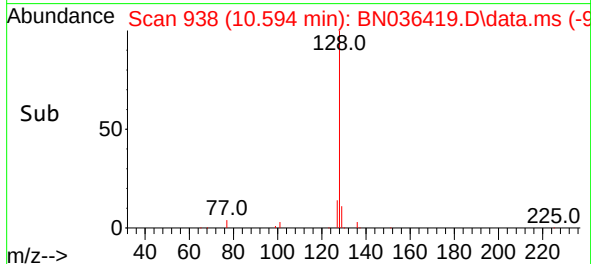
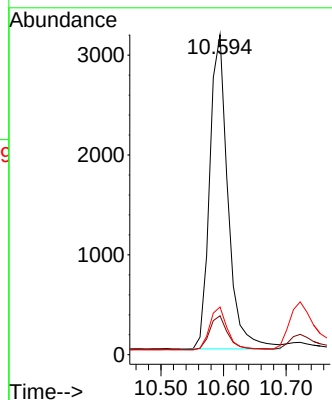
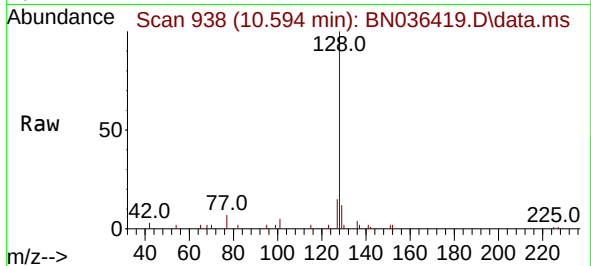




#9  
Naphthalene  
Concen: 0.388 ng  
RT: 10.594 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

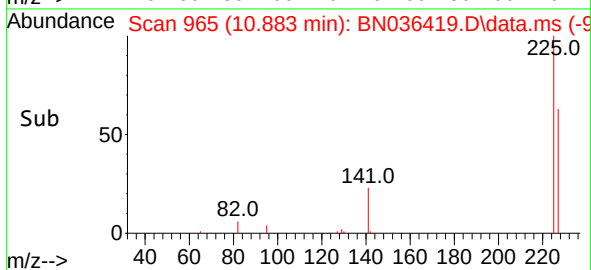
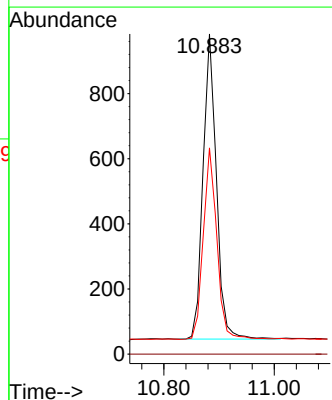
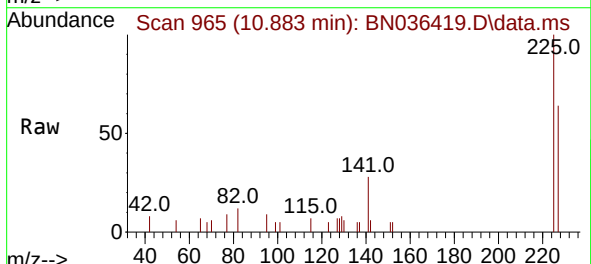
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SSTDCCC0.4

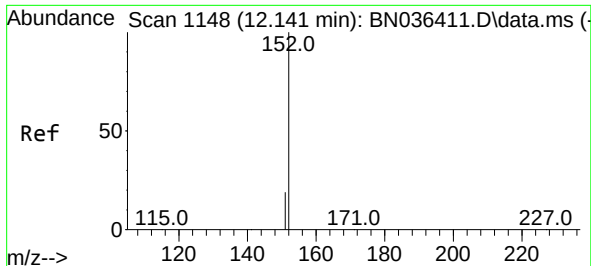
Tgt Ion:128 Resp: 6378  
Ion Ratio Lower Upper  
128 100  
129 12.2 9.6 14.4  
127 14.9 12.0 18.0



#10  
Hexachlorobutadiene  
Concen: 0.395 ng  
RT: 10.883 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Tgt Ion:225 Resp: 1582  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.8 50.9 76.3

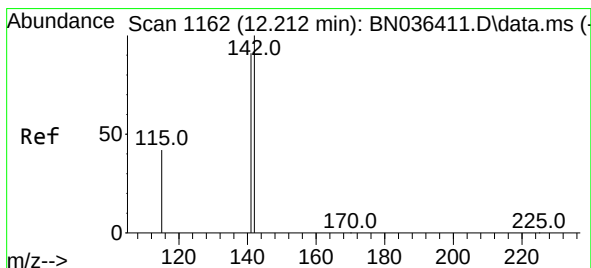
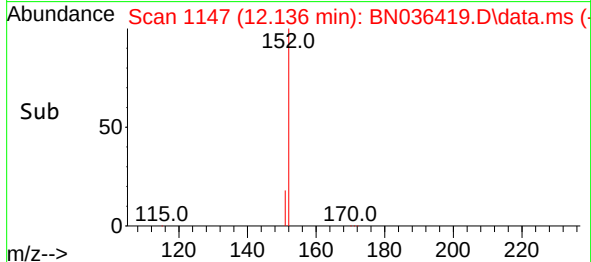
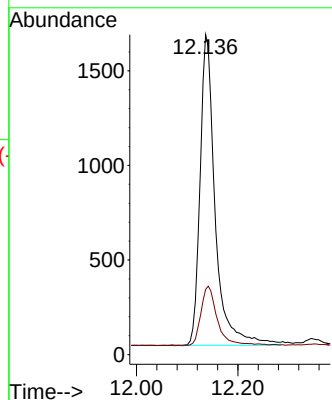
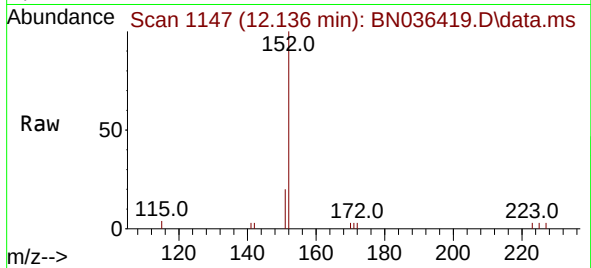




#11  
2-Methylnaphthalene-d10  
Concen: 0.388 ng  
RT: 12.136 min Scan# 1147  
Delta R.T. -0.005 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

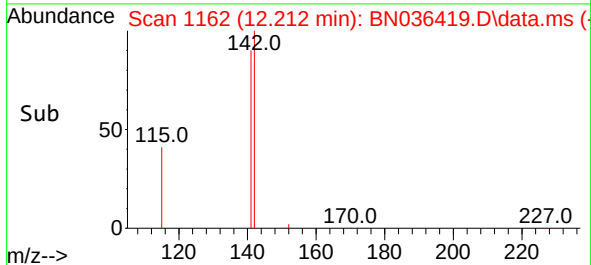
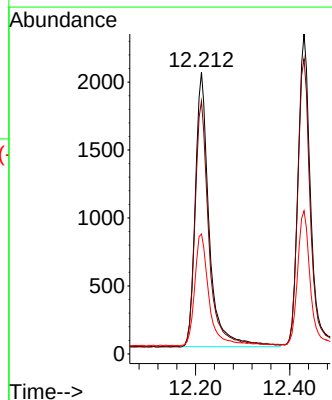
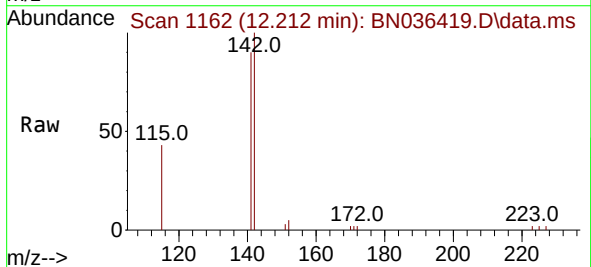
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:152 Resp: 3404  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.6 25.0

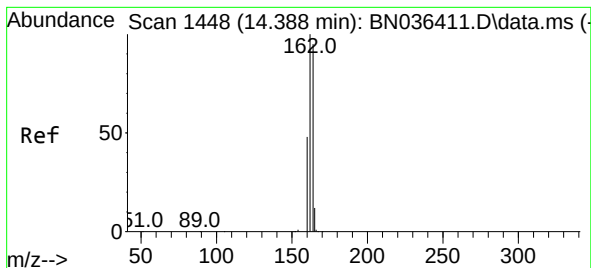


#12  
2-Methylnaphthalene  
Concen: 0.384 ng  
RT: 12.212 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Tgt Ion:142 Resp: 4140  
Ion Ratio Lower Upper  
142 100  
141 89.7 72.8 109.2  
115 42.5 35.5 53.3







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.388 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BN036419.D

Acq: 11 Feb 2025 10:38

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

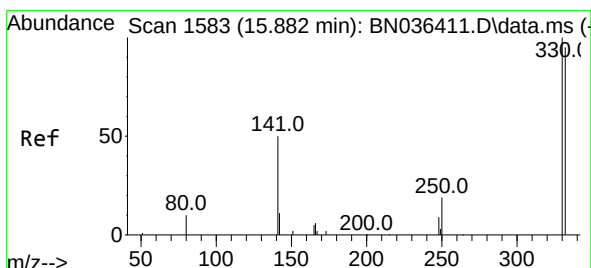
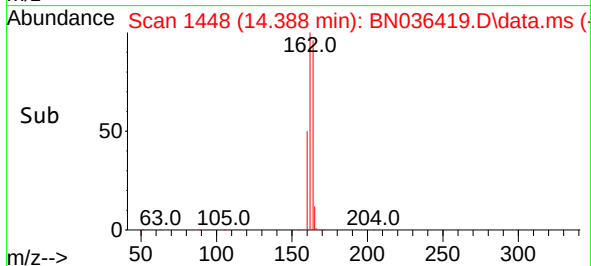
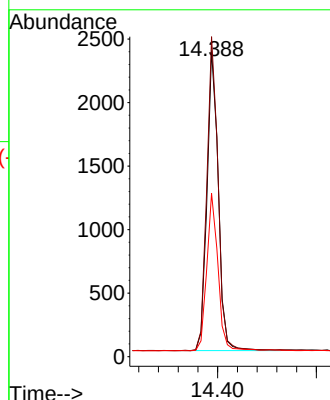
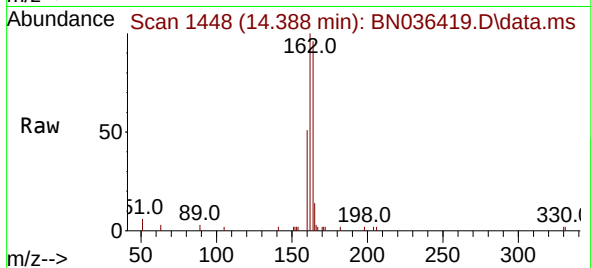
Tgt Ion:164 Resp: 3750

Ion Ratio Lower Upper

164 100

162 104.6 84.1 126.1

160 53.4 41.4 62.0



#14

2,4,6-Tribromophenol

Concen: 0.352 ng

RT: 15.883 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BN036419.D

Acq: 11 Feb 2025 10:38

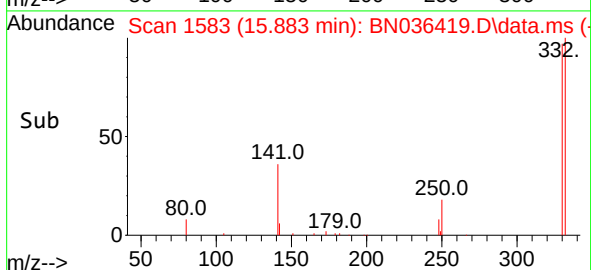
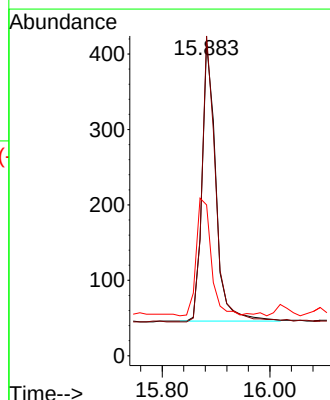
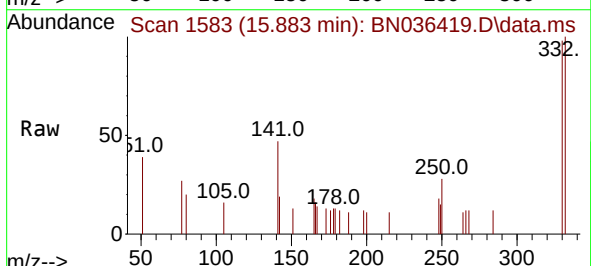
Tgt Ion:330 Resp: 655

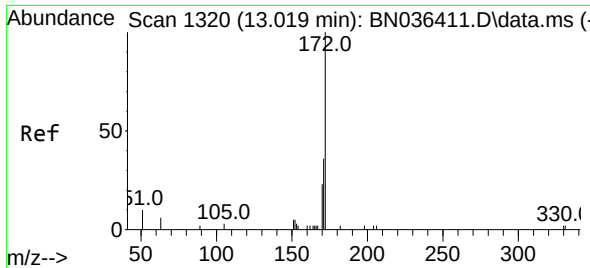
Ion Ratio Lower Upper

330 100

332 100.9 76.6 114.8

141 46.6 37.8 56.8

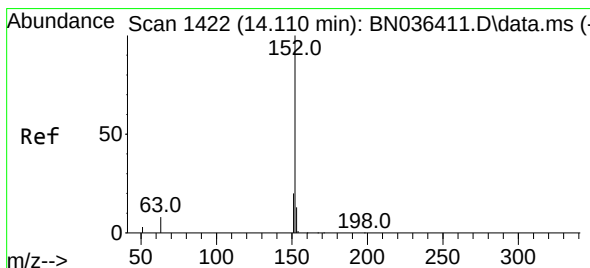
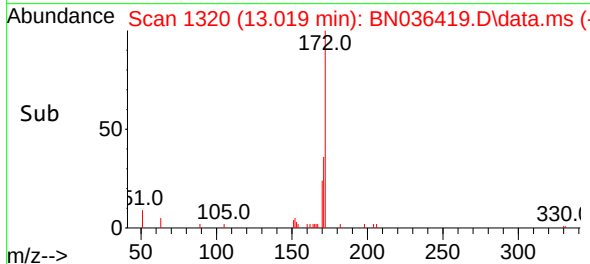
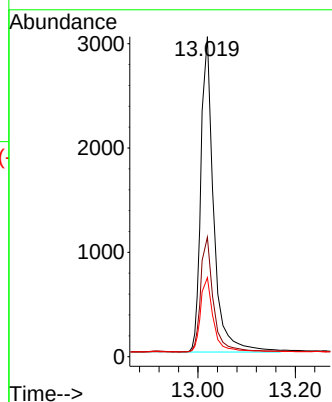
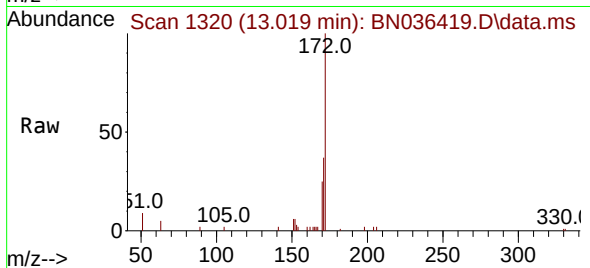




#15  
2-Fluorobiphenyl  
Concen: 0.375 ng  
RT: 13.019 min Scan# 1320  
Delta R.T. 0.000 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

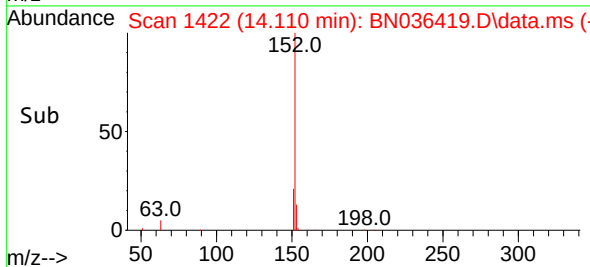
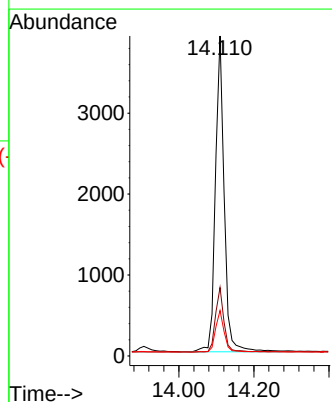
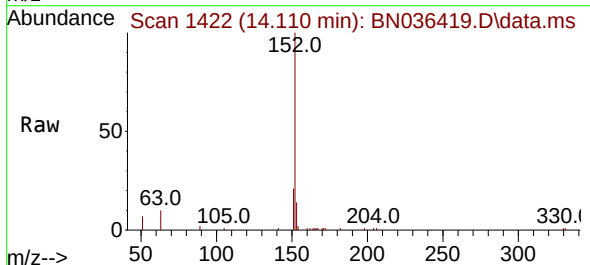
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

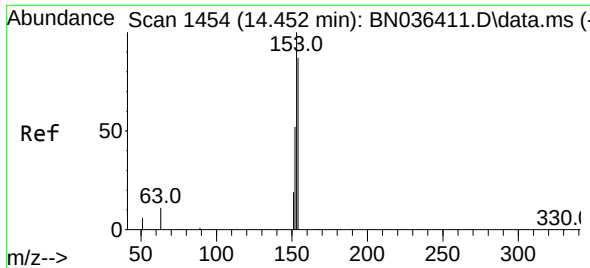
Tgt Ion:172 Resp: 5289  
Ion Ratio Lower Upper  
172 100  
171 37.4 29.6 44.4  
170 24.7 19.8 29.6



#16  
Acenaphthylene  
Concen: 0.383 ng  
RT: 14.110 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Tgt Ion:152 Resp: 6348  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.8 23.8  
153 13.1 10.2 15.2

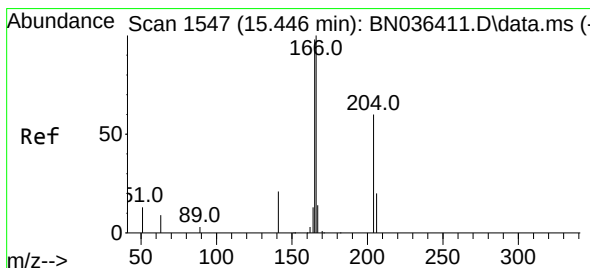
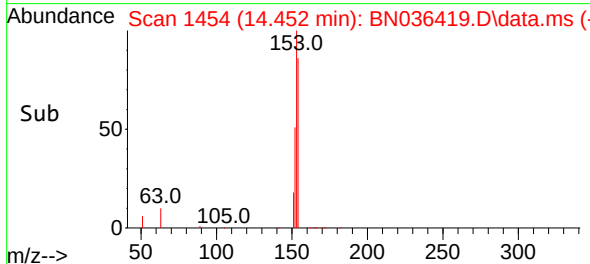
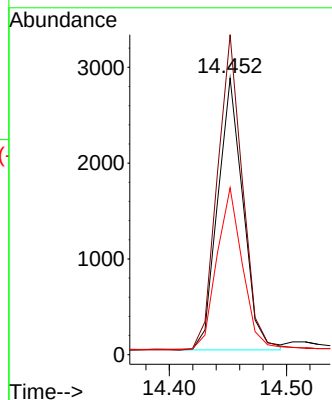
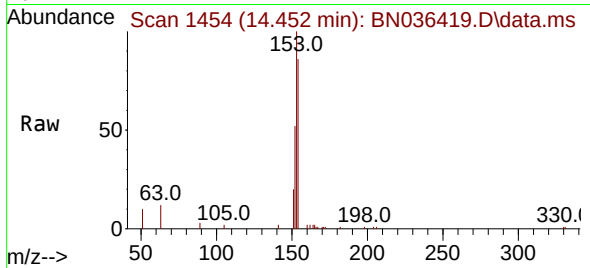




#17  
Acenaphthene  
Concen: 0.385 ng  
RT: 14.452 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

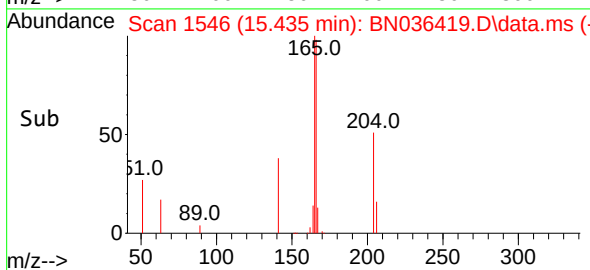
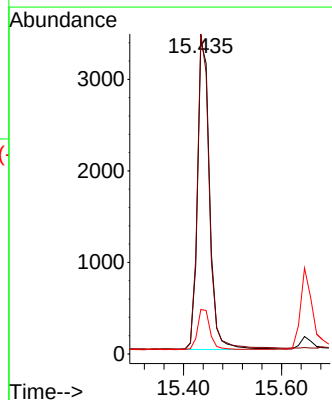
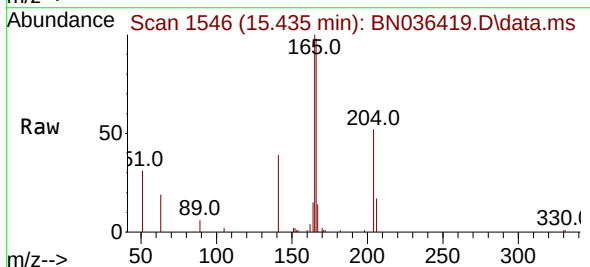
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

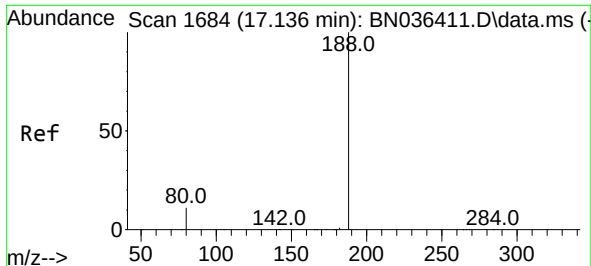
Tgt Ion:154 Resp: 4257  
Ion Ratio Lower Upper  
154 100  
153 117.1 93.3 139.9  
152 61.1 48.8 73.2



#18  
Fluorene  
Concen: 0.393 ng  
RT: 15.435 min Scan# 1546  
Delta R.T. -0.011 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Tgt Ion:166 Resp: 6184  
Ion Ratio Lower Upper  
166 100  
165 99.5 79.5 119.3  
167 12.7 10.4 15.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036419.D

Acq: 11 Feb 2025 10:38

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

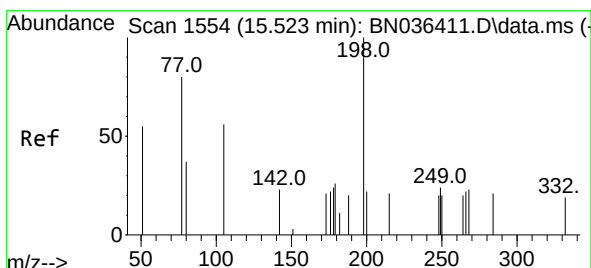
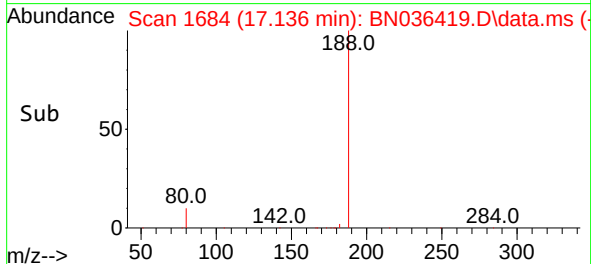
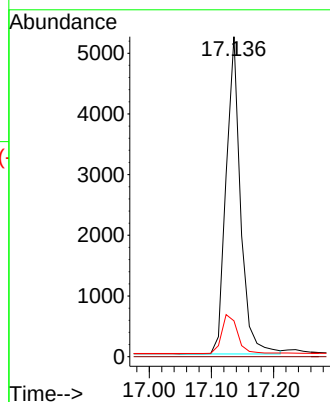
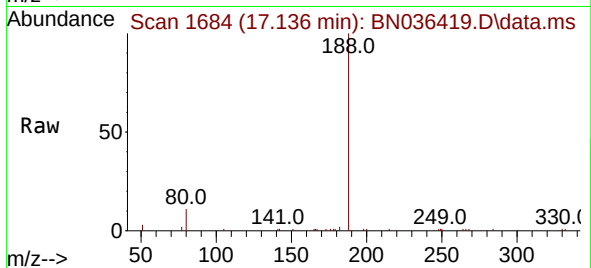
Tgt Ion:188 Resp: 8399

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.2 9.8 14.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.345 ng

RT: 15.523 min Scan# 1554

Delta R.T. -0.000 min

Lab File: BN036419.D

Acq: 11 Feb 2025 10:38

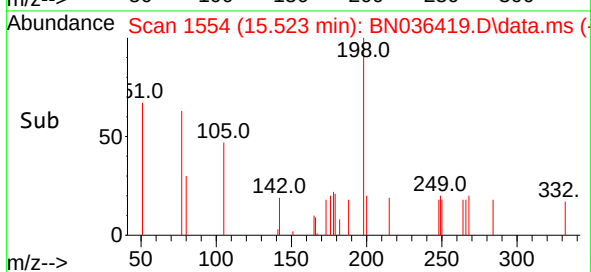
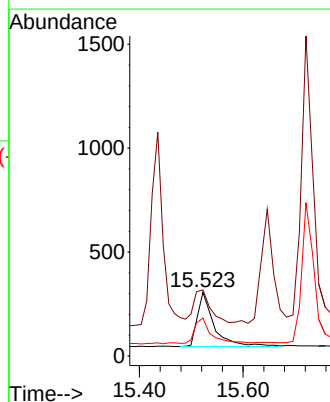
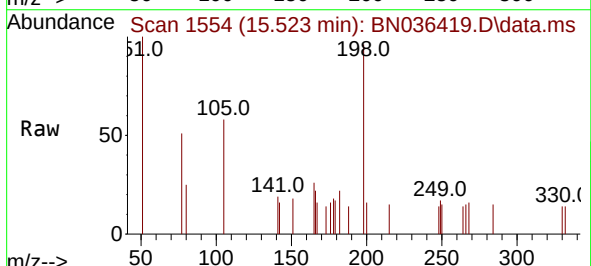
Tgt Ion:198 Resp: 569

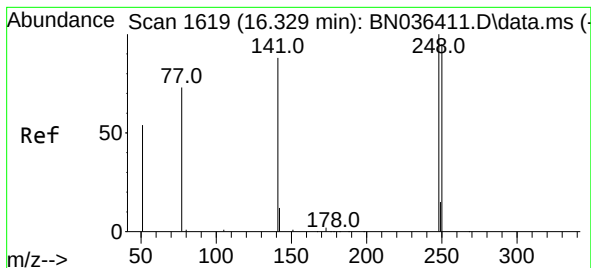
Ion Ratio Lower Upper

198 100

51 103.9 86.6 129.8

105 59.8 57.5 86.3

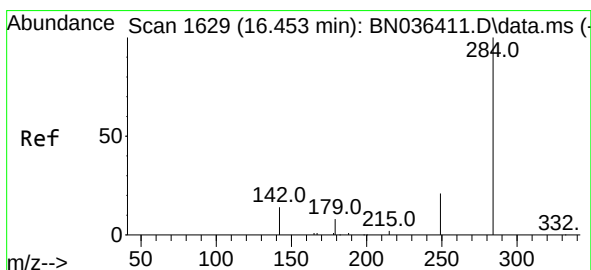
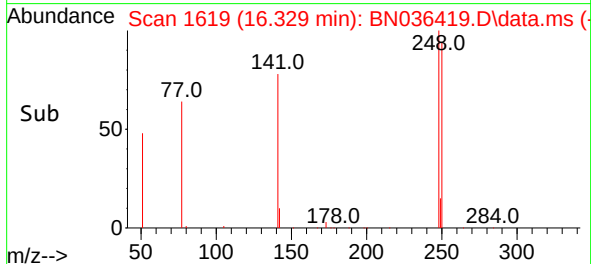
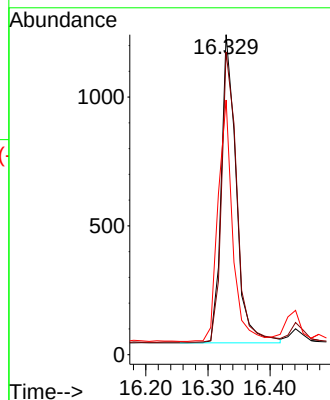
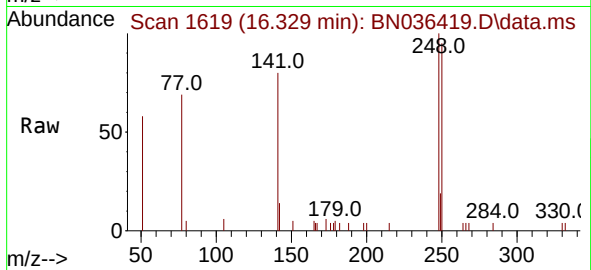




#21  
4-Bromophenyl-phenylether  
Concen: 0.398 ng  
RT: 16.329 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

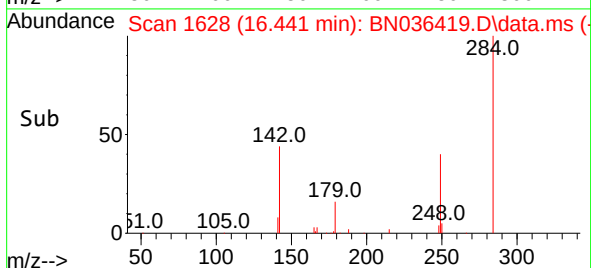
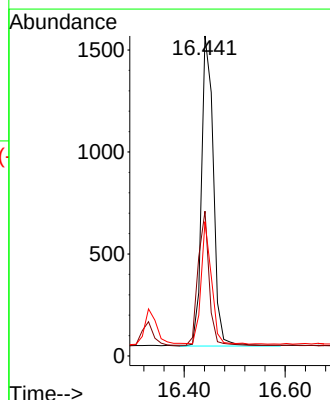
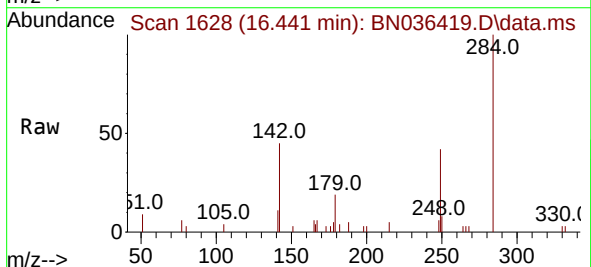
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

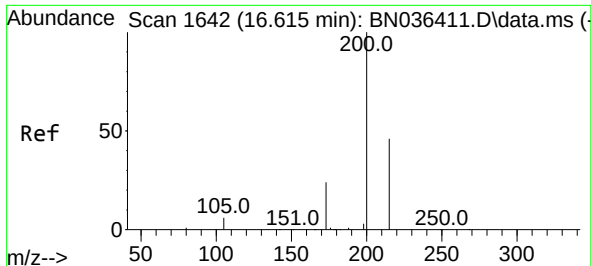
Tgt Ion:248 Resp: 1994  
Ion Ratio Lower Upper  
248 100  
250 94.6 76.1 114.1  
141 79.6 71.7 107.5



#22  
Hexachlorobenzene  
Concen: 0.403 ng  
RT: 16.441 min Scan# 1628  
Delta R.T. -0.012 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Tgt Ion:284 Resp: 2491  
Ion Ratio Lower Upper  
284 100  
142 40.0 33.4 50.0  
249 34.7 28.6 43.0

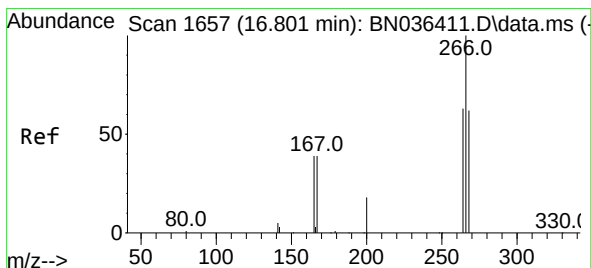
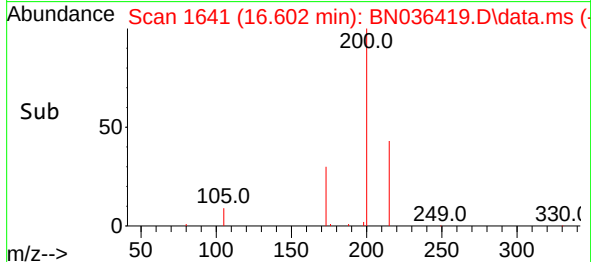
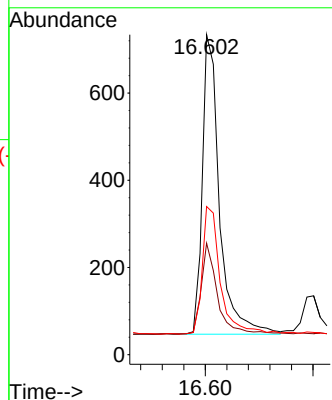
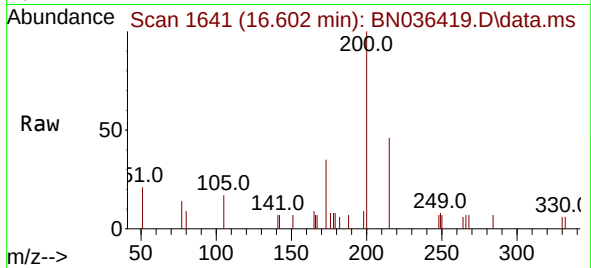




#23  
Atrazine  
Concen: 0.363 ng  
RT: 16.602 min Scan# 1641  
Delta R.T. -0.012 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

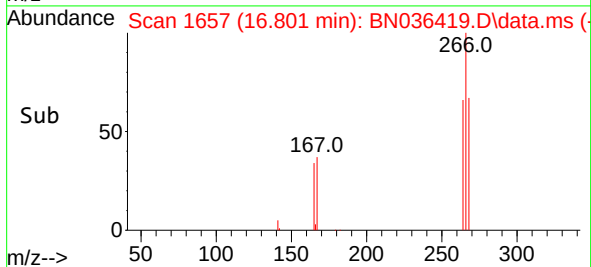
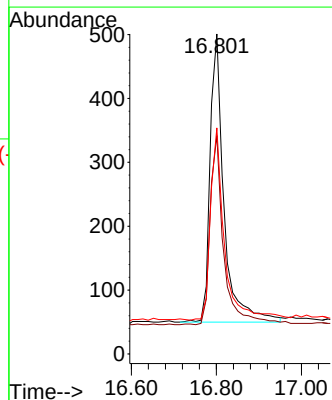
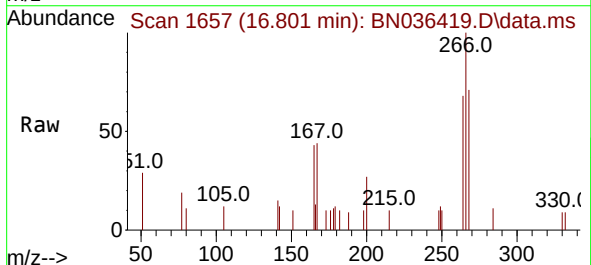
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

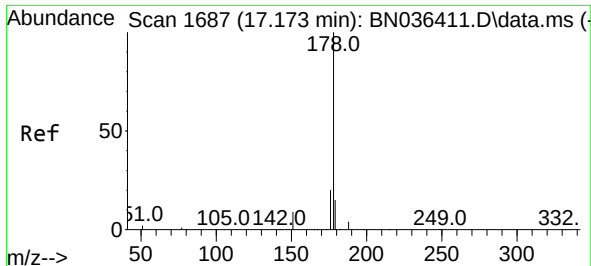
Tgt Ion:200 Resp: 1518  
Ion Ratio Lower Upper  
200 100  
173 34.9 23.2 34.8#  
215 46.3 40.0 60.0



#24  
Pentachlorophenol  
Concen: 0.347 ng  
RT: 16.801 min Scan# 1657  
Delta R.T. 0.000 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Tgt Ion:266 Resp: 1020  
Ion Ratio Lower Upper  
266 100  
264 64.6 50.6 76.0  
268 67.6 51.9 77.9

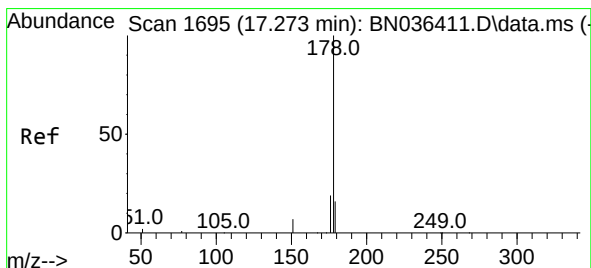
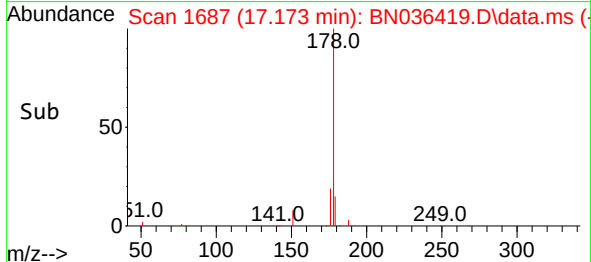
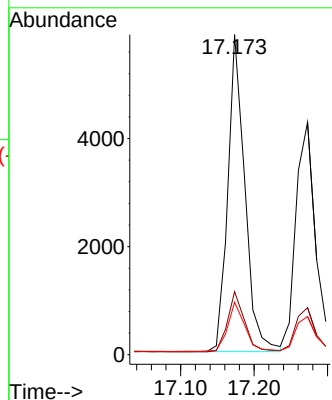
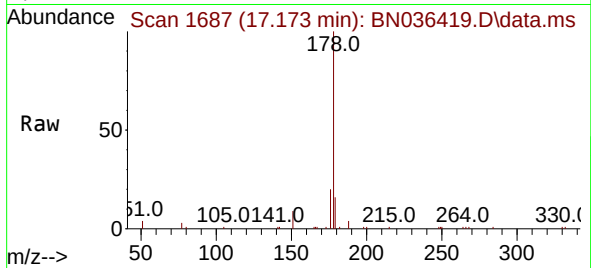




#25  
 Phenanthrene  
 Concen: 0.390 ng  
 RT: 17.173 min Scan# 1687  
 Delta R.T. 0.000 min  
 Lab File: BN036419.D  
 Acq: 11 Feb 2025 10:38

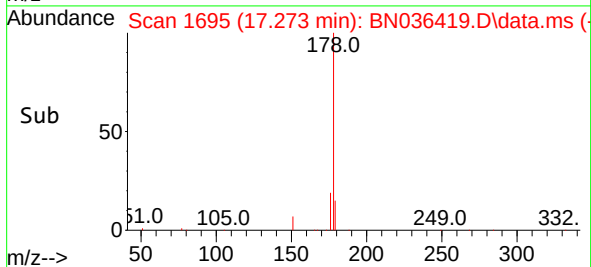
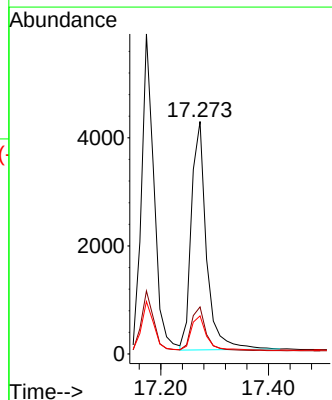
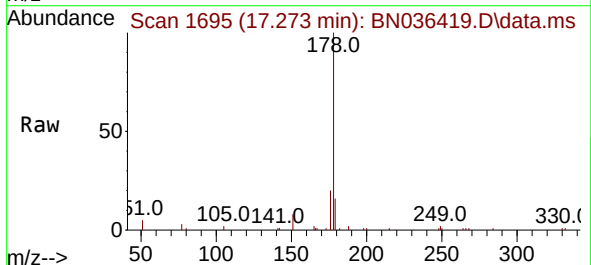
Instrument :  
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 ClientSampleId :  
 SSTDCCC0.4

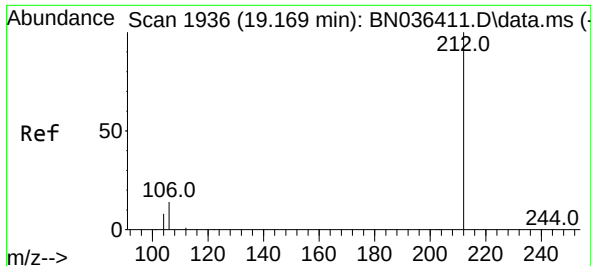
Tgt Ion:178 Resp: 9457  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 15.7 23.5  
 179 15.8 12.4 18.6



#26  
 Anthracene  
 Concen: 0.385 ng  
 RT: 17.273 min Scan# 1695  
 Delta R.T. 0.000 min  
 Lab File: BN036419.D  
 Acq: 11 Feb 2025 10:38

Tgt Ion:178 Resp: 8241  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 14.9 22.3  
 179 15.5 12.4 18.6

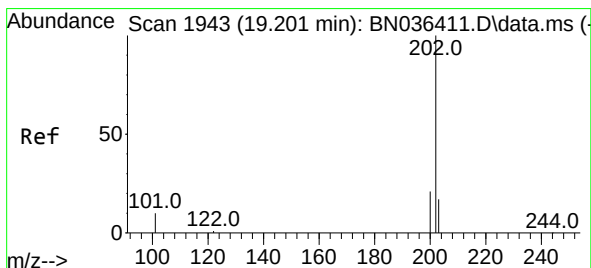
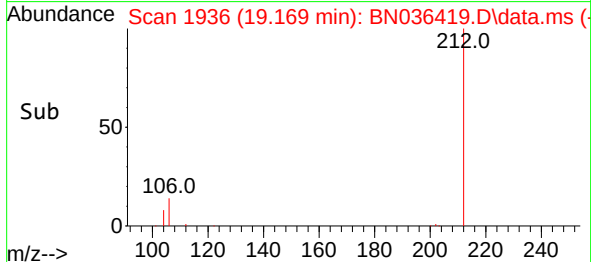
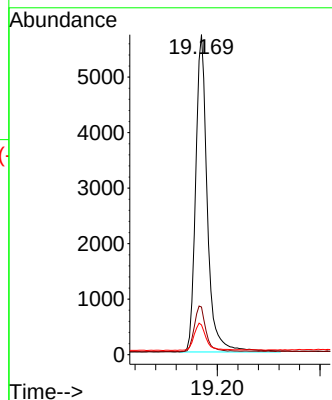
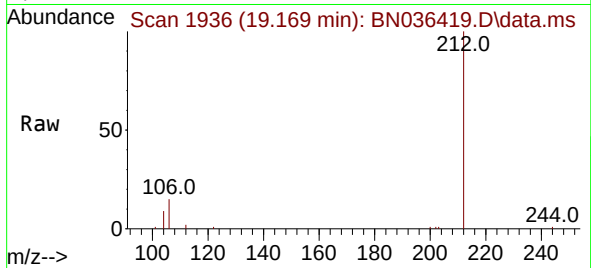




#27  
Fluoranthene-d10  
Concen: 0.387 ng  
RT: 19.169 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

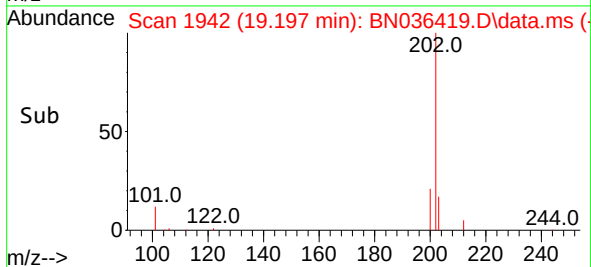
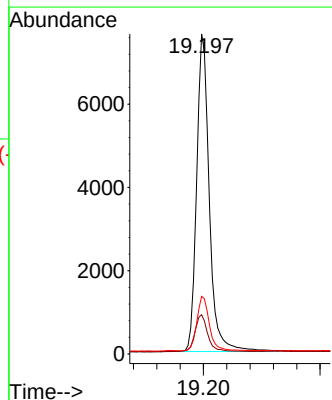
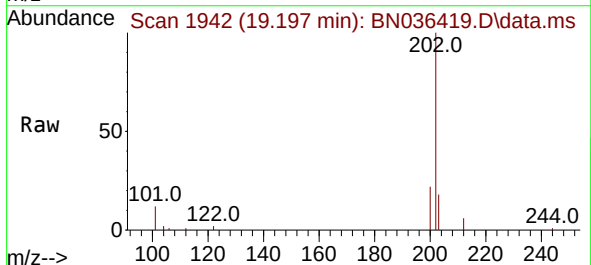
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:212 Resp: 9036  
Ion Ratio Lower Upper  
212 100  
106 14.2 11.5 17.3  
104 8.8 7.1 10.7

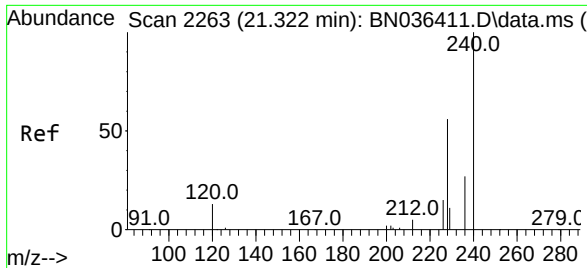


#28  
Fluoranthene  
Concen: 0.385 ng  
RT: 19.197 min Scan# 1942  
Delta R.T. -0.005 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Tgt Ion:202 Resp: 11494  
Ion Ratio Lower Upper  
202 100  
101 11.6 9.2 13.8  
203 17.0 13.4 20.0



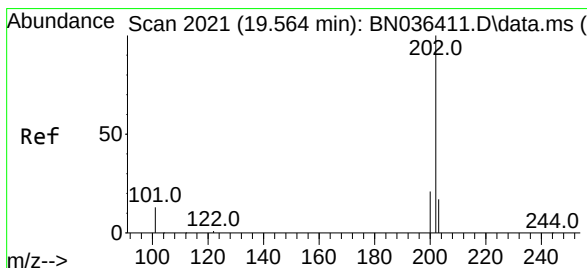
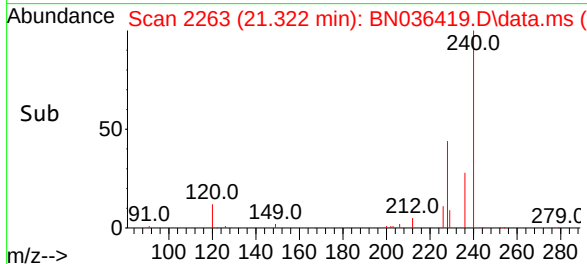
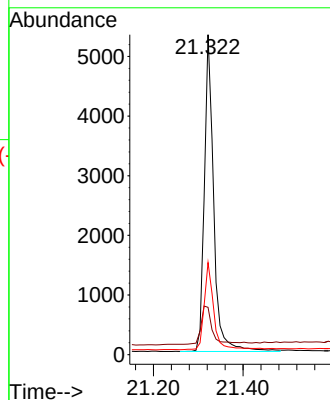
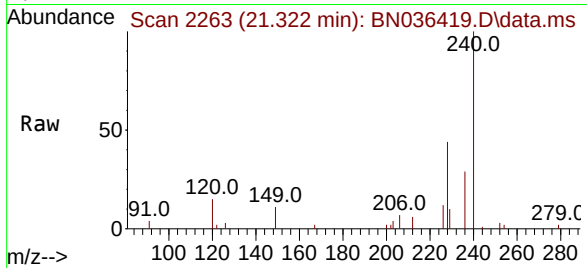




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.322 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

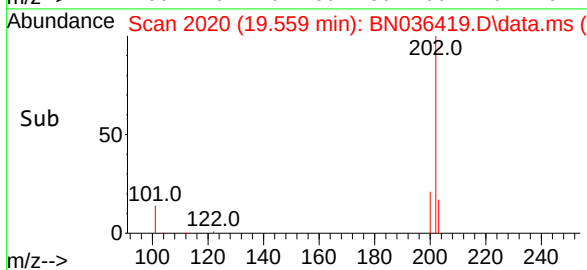
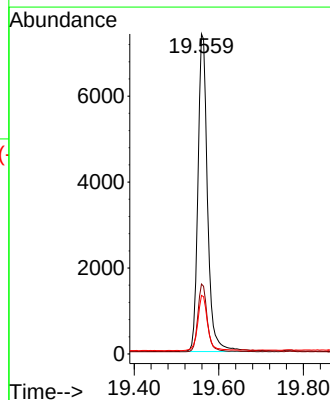
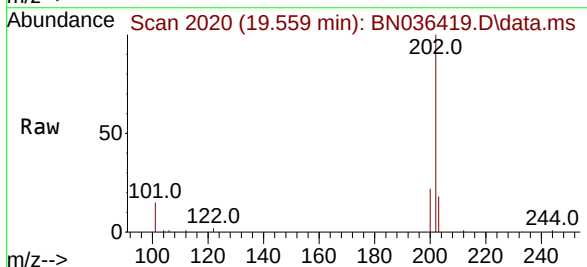
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

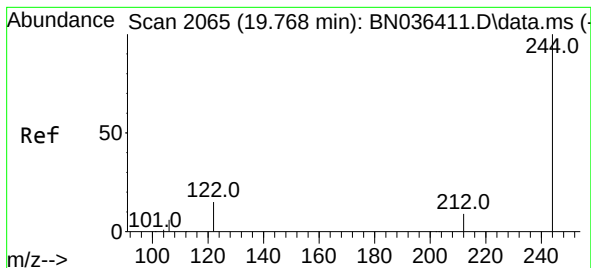
Tgt Ion:240 Resp: 7728  
Ion Ratio Lower Upper  
240 100  
120 14.8 13.3 19.9  
236 28.8 23.0 34.6



#30  
Pyrene  
Concen: 0.391 ng  
RT: 19.559 min Scan# 2020  
Delta R.T. -0.005 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Tgt Ion:202 Resp: 11643  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.9 25.3  
203 17.8 13.9 20.9





#31

Terphenyl-d14

Concen: 0.391 ng

RT: 19.768 min Scan# 2065

Delta R.T. 0.000 min

Lab File: BN036419.D

Acq: 11 Feb 2025 10:38

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

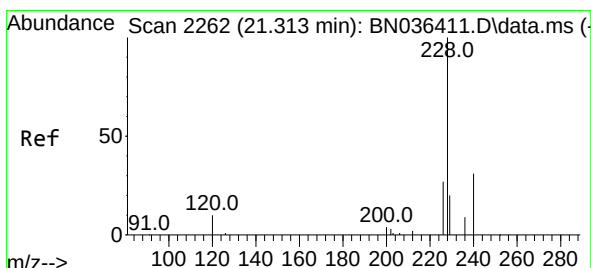
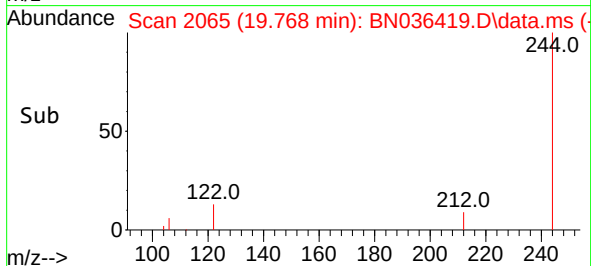
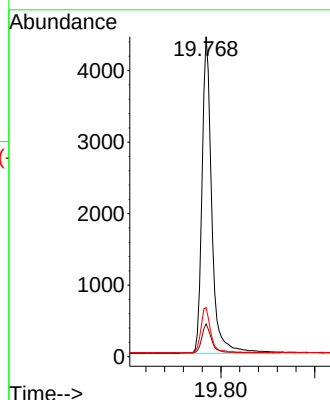
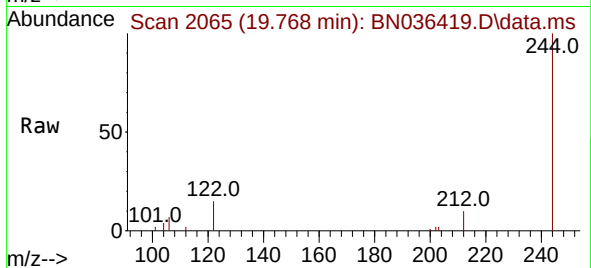
Tgt Ion:244 Resp: 6442

Ion Ratio Lower Upper

244 100

212 10.2 8.1 12.1

122 15.3 12.8 19.2



#32

Benzo(a)anthracene

Concen: 0.378 ng

RT: 21.304 min Scan# 2261

Delta R.T. -0.009 min

Lab File: BN036419.D

Acq: 11 Feb 2025 10:38

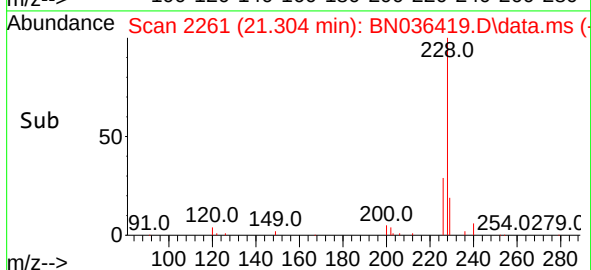
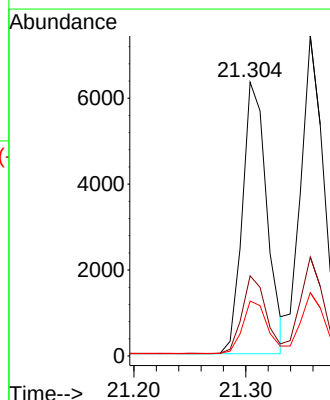
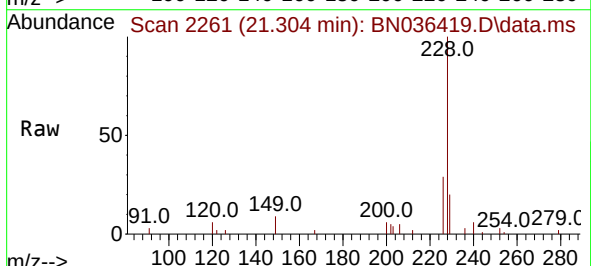
Tgt Ion:228 Resp: 9625

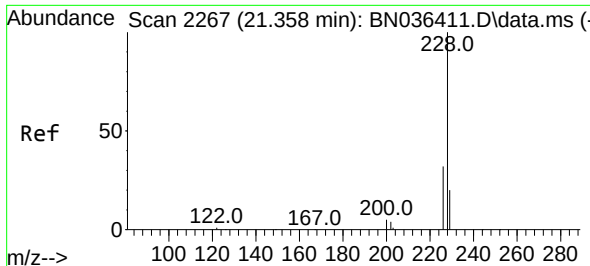
Ion Ratio Lower Upper

228 100

226 29.3 22.2 33.2

229 20.0 16.5 24.7





#33

Chrysene

Concen: 0.414 ng

RT: 21.358 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN036419.D

Acq: 11 Feb 2025 10:38

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

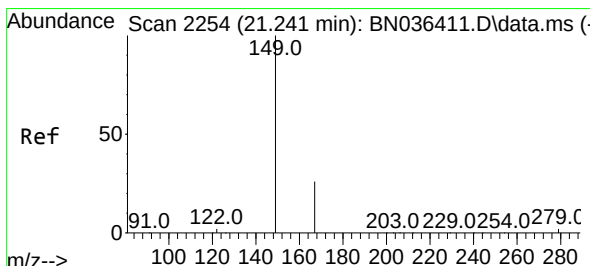
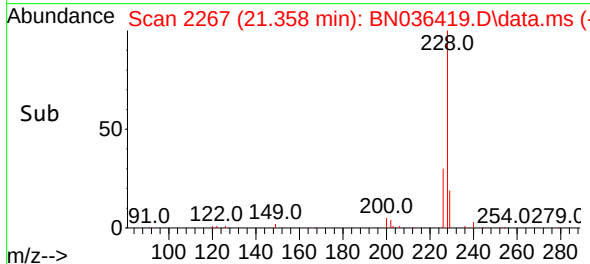
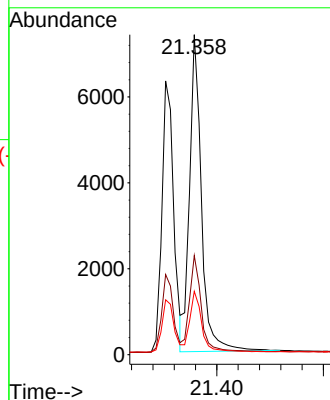
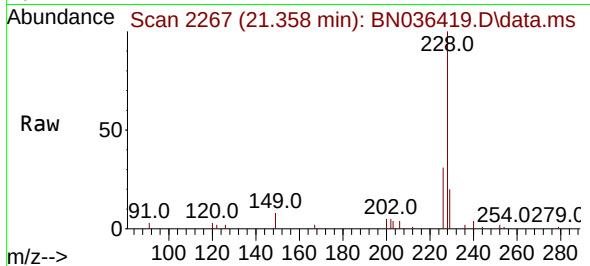
Tgt Ion:228 Resp: 11407

Ion Ratio Lower Upper

228 100

226 31.0 25.5 38.3

229 19.8 16.4 24.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.348 ng

RT: 21.241 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BN036419.D

Acq: 11 Feb 2025 10:38

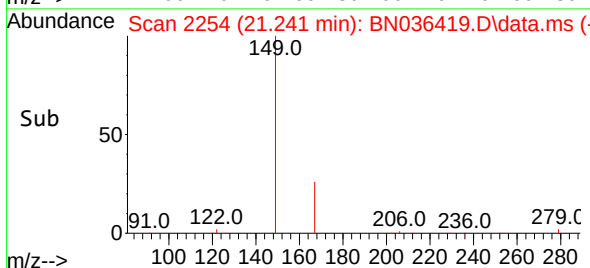
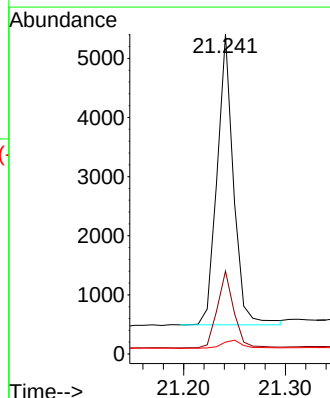
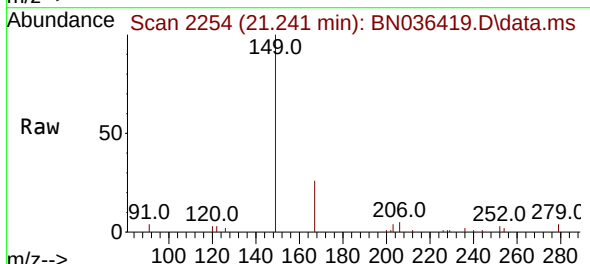
Tgt Ion:149 Resp: 5511

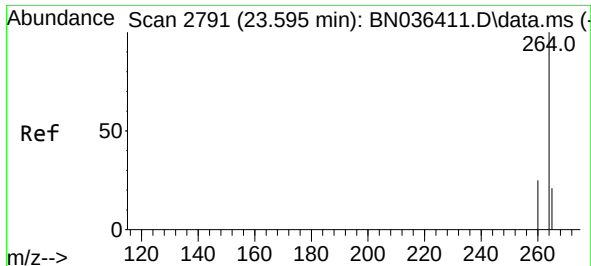
Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

279 3.9 2.7 4.1



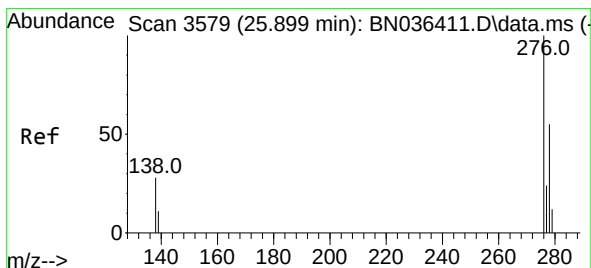
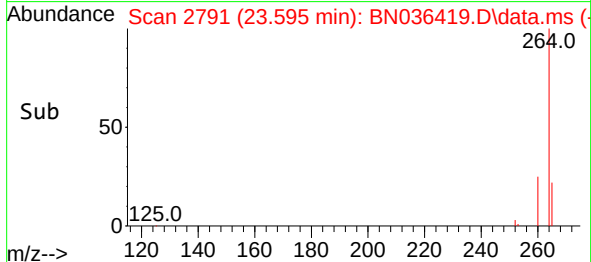
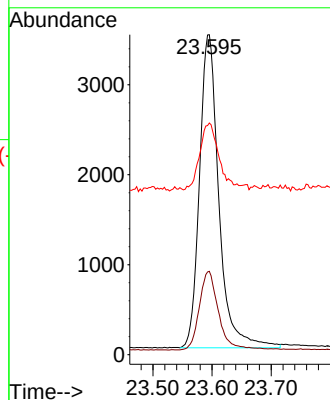
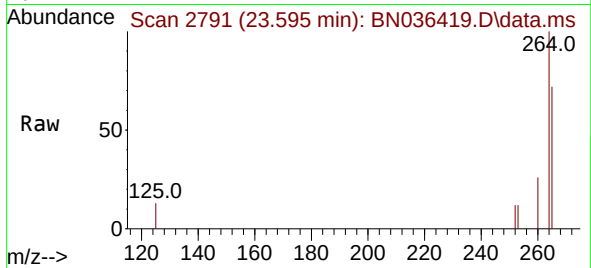


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.595 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:264 Resp: 7910  

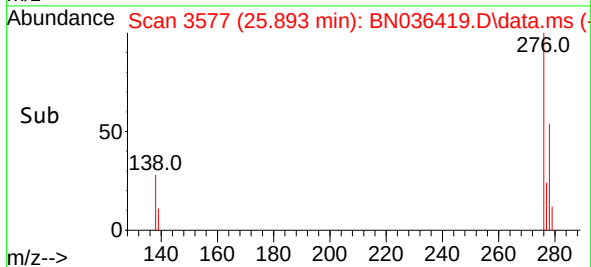
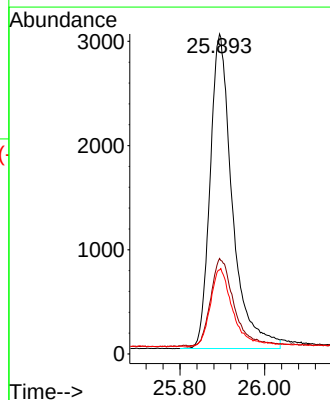
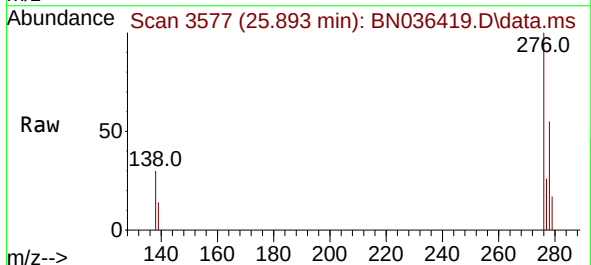
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.0  | 20.9  | 31.3  |
| 265 | 72.4  | 60.7  | 91.1  |

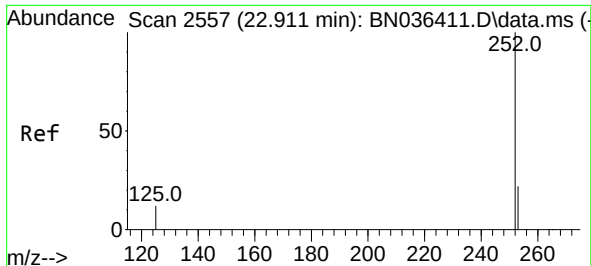


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.398 ng  
RT: 25.893 min Scan# 3577  
Delta R.T. -0.006 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Tgt Ion:276 Resp: 11010  

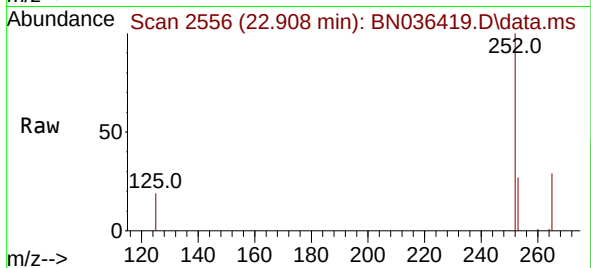
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 28.7  | 22.2  | 33.2  |
| 277 | 24.6  | 19.8  | 29.6  |



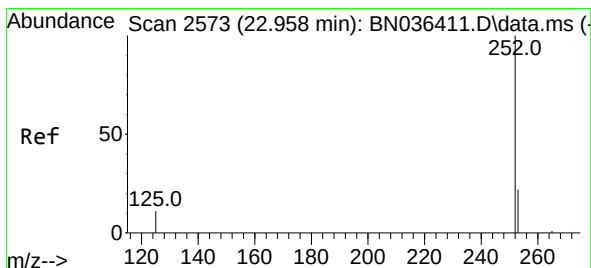
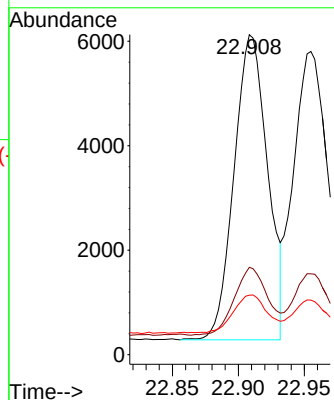


#37  
Benzo(b)fluoranthene  
Concen: 0.396 ng  
RT: 22.908 min Scan# 2556  
Delta R.T. -0.003 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

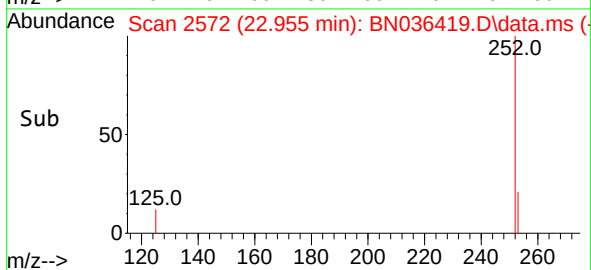
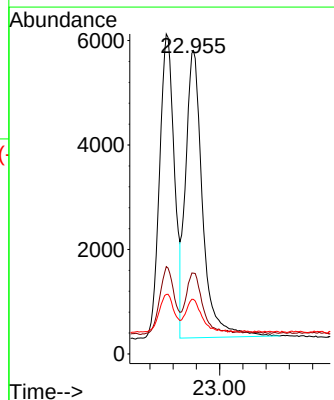
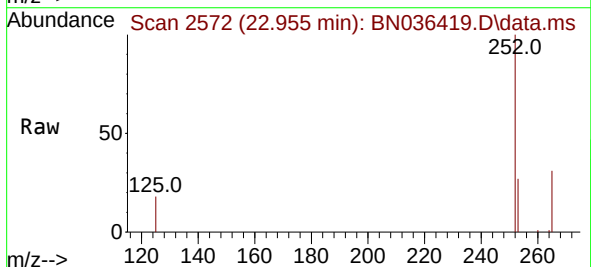


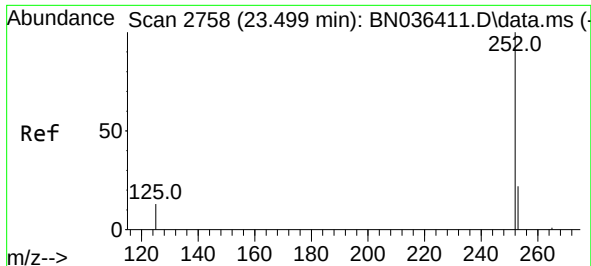
Tgt Ion:252 Resp: 10324  
Ion Ratio Lower Upper  
252 100  
253 27.3 21.9 32.9  
125 18.6 15.0 22.6



#38  
Benzo(k)fluoranthene  
Concen: 0.415 ng  
RT: 22.955 min Scan# 2572  
Delta R.T. -0.003 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Tgt Ion:252 Resp: 11121  
Ion Ratio Lower Upper  
252 100  
253 26.7 22.2 33.4  
125 18.0 15.0 22.4

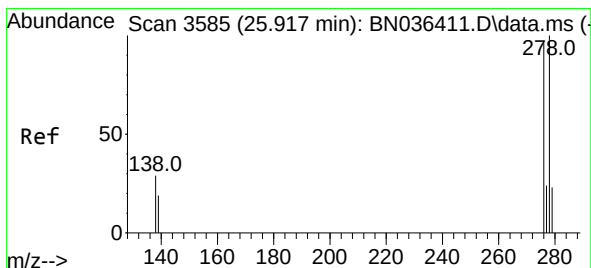
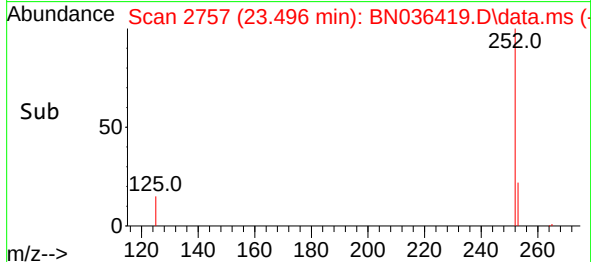
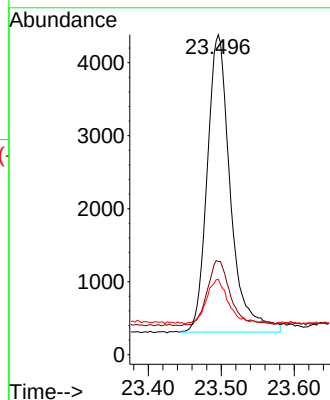
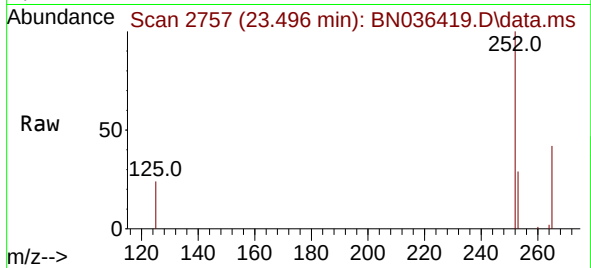




#39  
Benzo(a)pyrene  
Concen: 0.396 ng  
RT: 23.496 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

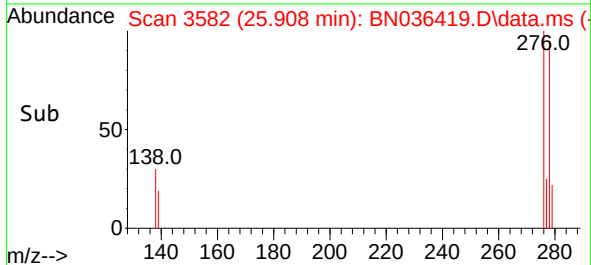
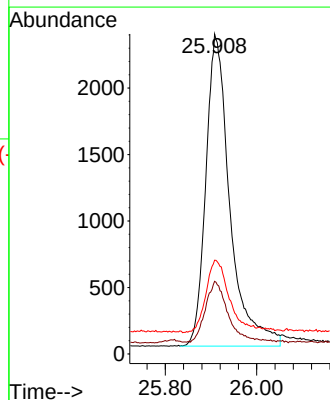
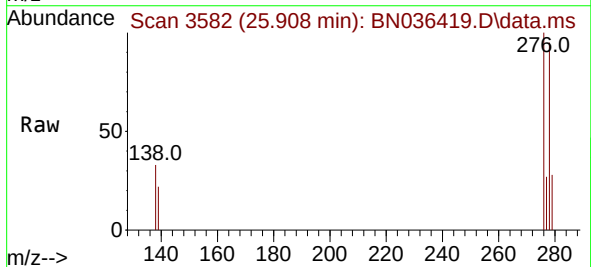
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

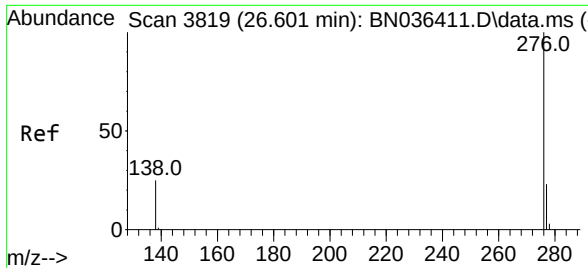
Tgt Ion:252 Resp: 9001  
Ion Ratio Lower Upper  
252 100  
253 29.2 24.4 36.6  
125 23.5 18.2 27.2



#40  
Dibenzo(a,h)anthracene  
Concen: 0.392 ng  
RT: 25.908 min Scan# 3582  
Delta R.T. -0.009 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Tgt Ion:278 Resp: 8554  
Ion Ratio Lower Upper  
278 100  
139 22.7 18.5 27.7  
279 29.3 24.8 37.2





#41  
Benzo(g,h,i)perylene  
Concen: 0.398 ng  
RT: 26.595 min Scan# 3817  
Delta R.T. -0.006 min  
Lab File: BN036419.D  
Acq: 11 Feb 2025 10:38

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 9845  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 25.4  | 20.7  | 31.1  |
| 138      | 27.3  | 21.8  | 32.6  |

