

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022425\  
 Data File : BN036492.D  
 Acq On : 24 Feb 2025 10:49  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Feb 24 11:35:46 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

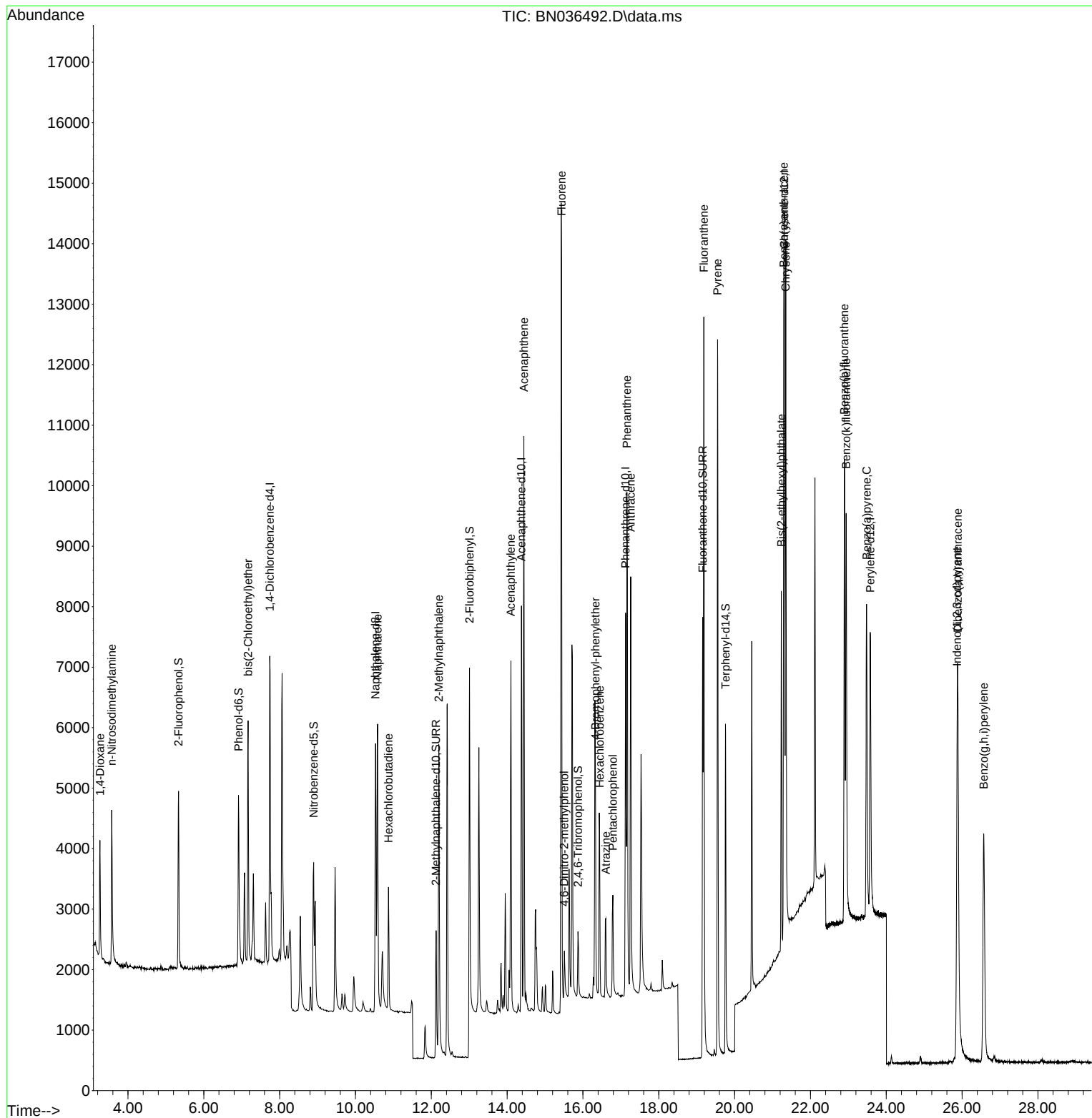
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.739  | 152  | 2546     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.530 | 136  | 6147     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.377 | 164  | 4030     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.124 | 188  | 8380     | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.313 | 240  | 7132     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.581 | 264  | 6830     | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.334  | 112  | 2226     | 0.370 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.915  | 99   | 2650     | 0.375 | ng    | -0.02    |
| 8) Nitrobenzene-d5            | 8.897  | 82   | 2368     | 0.390 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.126 | 152  | 3539     | 0.375 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.870 | 330  | 667      | 0.334 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.008 | 172  | 6941     | 0.458 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.160 | 212  | 8784     | 0.377 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.763 | 244  | 5976     | 0.393 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.261  | 88   | 1119     | 0.402 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.571  | 42   | 2070     | 0.428 | ng    | # 96     |
| 6) bis(2-Chloroethyl)ether    | 7.168  | 93   | 2949     | 0.399 | ng    | 98       |
| 9) Naphthalene                | 10.583 | 128  | 6900     | 0.389 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.872 | 225  | 1653     | 0.383 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.202 | 142  | 4471     | 0.384 | ng    | 99       |
| 16) Acenaphthylene            | 14.099 | 152  | 6457     | 0.363 | ng    | 99       |
| 17) Acenaphthene              | 14.441 | 154  | 4421     | 0.372 | ng    | 99       |
| 18) Fluorene                  | 15.435 | 166  | 6280     | 0.371 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.510 | 198  | 552      | 0.336 | ng    | 94       |
| 21) 4-Bromophenyl-phenylether | 16.329 | 248  | 1988     | 0.398 | ng    | # 74     |
| 22) Hexachlorobenzene         | 16.441 | 284  | 2485     | 0.403 | ng    | 97       |
| 23) Atrazine                  | 16.602 | 200  | 1521     | 0.364 | ng    | 96       |
| 24) Pentachlorophenol         | 16.788 | 266  | 1028     | 0.351 | ng    | 98       |
| 25) Phenanthrene              | 17.161 | 178  | 9637     | 0.398 | ng    | 100      |
| 26) Anthracene                | 17.260 | 178  | 8338     | 0.390 | ng    | 99       |
| 28) Fluoranthene              | 19.187 | 202  | 11461    | 0.385 | ng    | 99       |
| 30) Pyrene                    | 19.550 | 202  | 11612    | 0.423 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.295 | 228  | 9088     | 0.387 | ng    | 98       |
| 33) Chrysene                  | 21.348 | 228  | 10688    | 0.421 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.232 | 149  | 5314     | 0.363 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.870 | 276  | 9456     | 0.396 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.896 | 252  | 9651     | 0.429 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.943 | 252  | 9731     | 0.420 | ng    | 100      |
| 39) Benzo(a)pyrene            | 23.481 | 252  | 8162     | 0.416 | ng    | 95       |
| 40) Dibenzo(a,h)anthracene    | 25.887 | 278  | 7176     | 0.381 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.571 | 276  | 8331     | 0.390 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

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Sample : SSTDCCC0.4  
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Instrument :  
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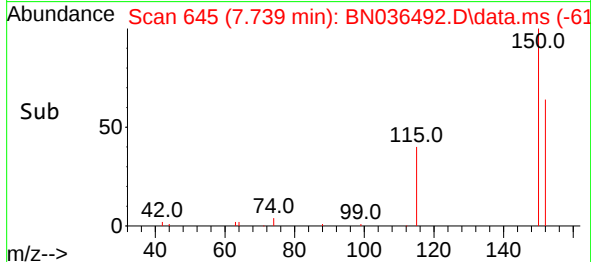
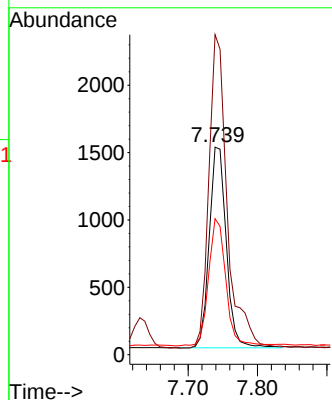
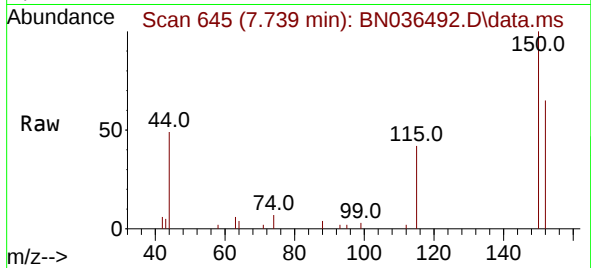




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.739 min Scan# 64  
 Delta R.T. -0.014 min  
 Lab File: BN036492.D  
 Acq: 24 Feb 2025 10:49

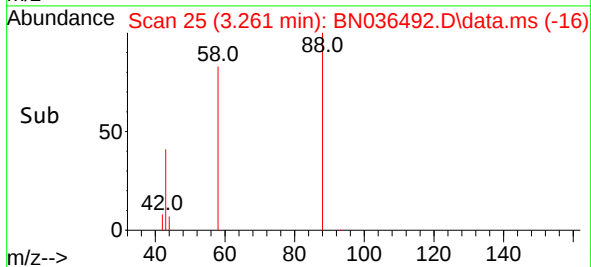
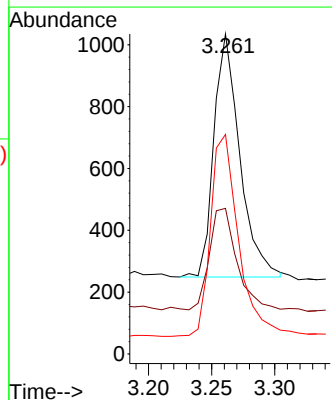
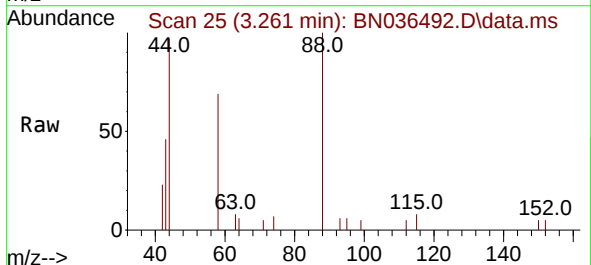
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion:152 Resp: 2546  
 Ion Ratio Lower Upper  
 152 100  
 150 154.2 123.7 185.5  
 115 65.5 52.5 78.7



#2  
 1,4-Dioxane  
 Concen: 0.402 ng  
 RT: 3.261 min Scan# 25  
 Delta R.T. -0.007 min  
 Lab File: BN036492.D  
 Acq: 24 Feb 2025 10:49

Tgt Ion: 88 Resp: 1119  
 Ion Ratio Lower Upper  
 88 100  
 43 43.5 33.7 50.5  
 58 89.5 68.9 103.3

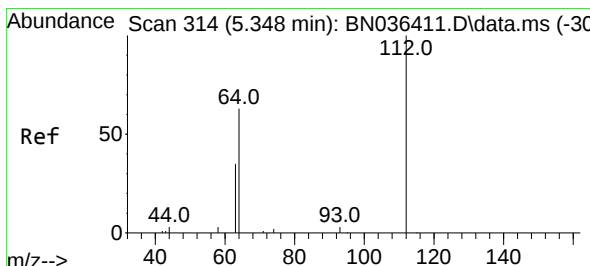
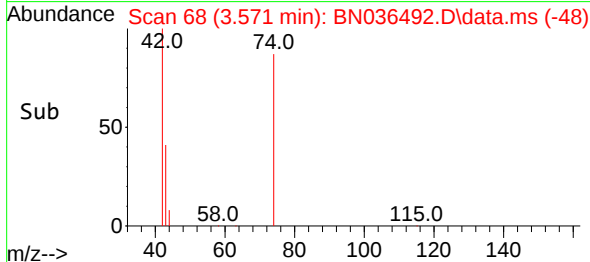
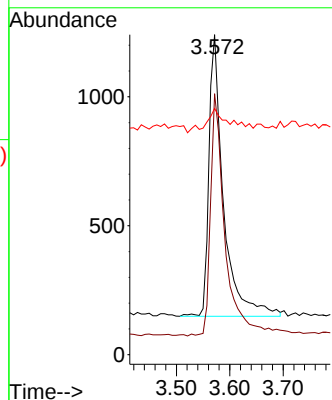
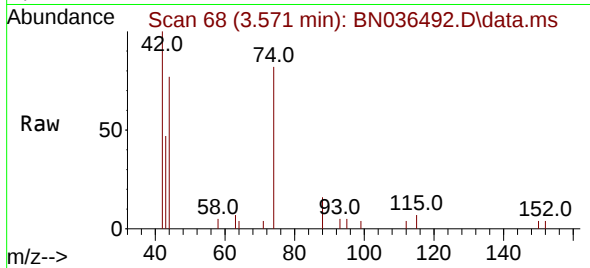




#3  
 n-Nitrosodimethylamine  
 Concen: 0.428 ng  
 RT: 3.571 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN036492.D  
 Acq: 24 Feb 2025 10:49

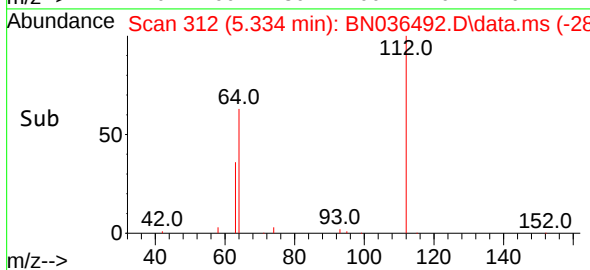
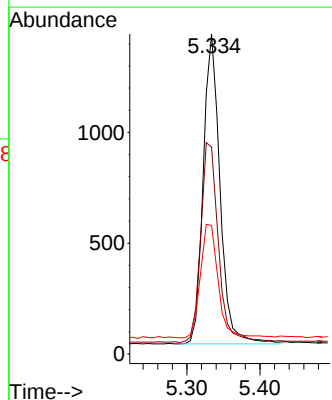
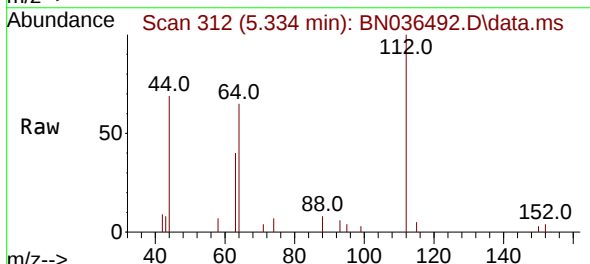
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion: 42 Resp: 2070  
 Ion Ratio Lower Upper  
 42 100  
 74 86.0 71.8 107.6  
 44 6.4 7.8 11.6#



#4  
 2-Fluorophenol  
 Concen: 0.370 ng  
 RT: 5.334 min Scan# 312  
 Delta R.T. -0.015 min  
 Lab File: BN036492.D  
 Acq: 24 Feb 2025 10:49

Tgt Ion: 112 Resp: 2226  
 Ion Ratio Lower Upper  
 112 100  
 64 67.7 53.4 80.0  
 63 39.2 30.3 45.5

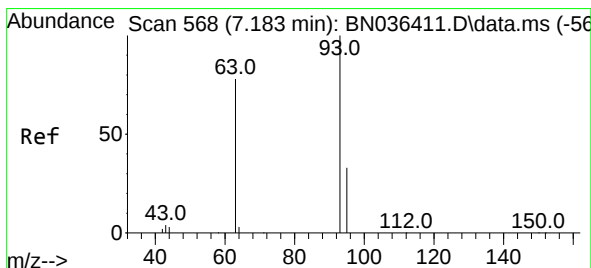
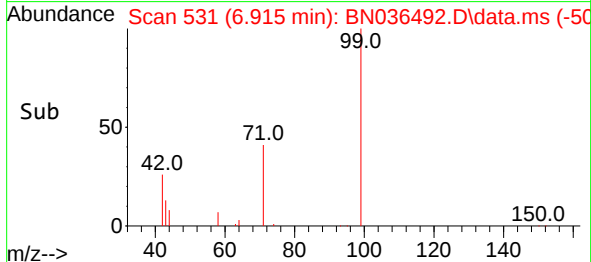
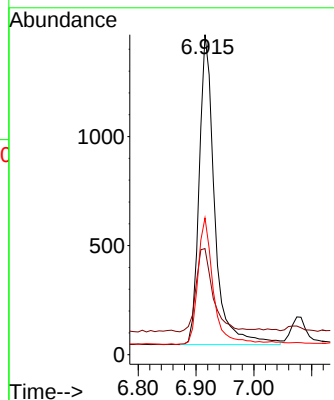
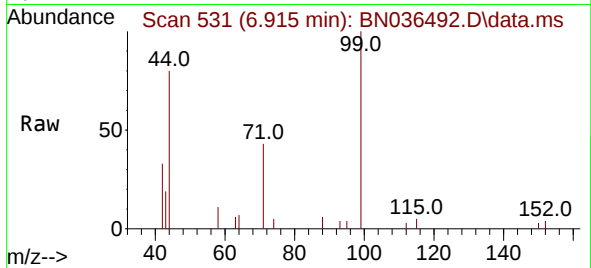




#5  
Phenol-d6  
Concen: 0.375 ng  
RT: 6.915 min Scan# 51  
Delta R.T. -0.022 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

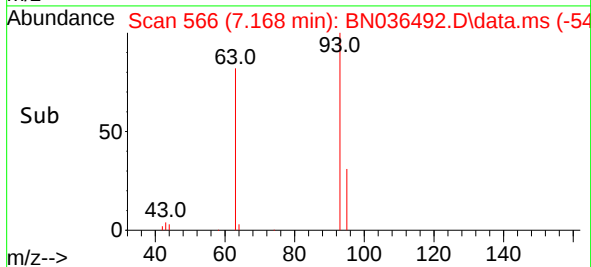
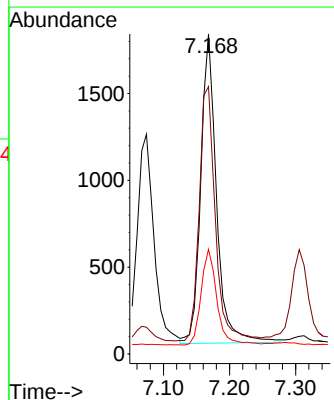
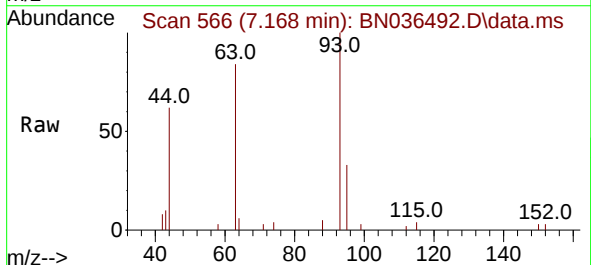
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 2650  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 29.7  | 21.7  | 32.5  |
| 71       | 40.7  | 32.6  | 49.0  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.399 ng  
RT: 7.168 min Scan# 566  
Delta R.T. -0.015 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 2949  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 84.1  | 66.3  | 99.5  |
| 95       | 30.8  | 26.2  | 39.4  |

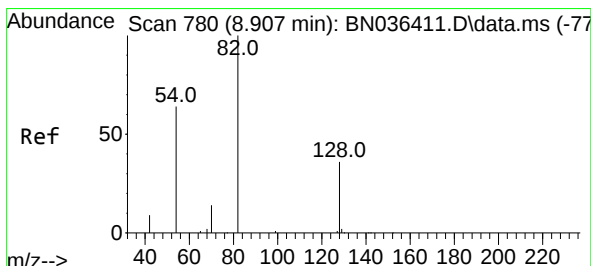
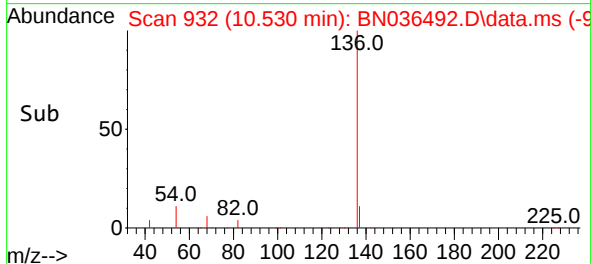
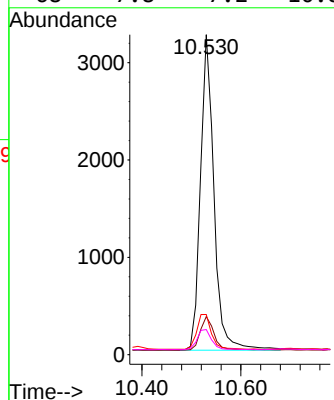
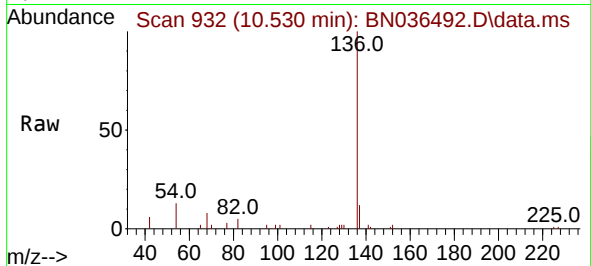




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.530 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

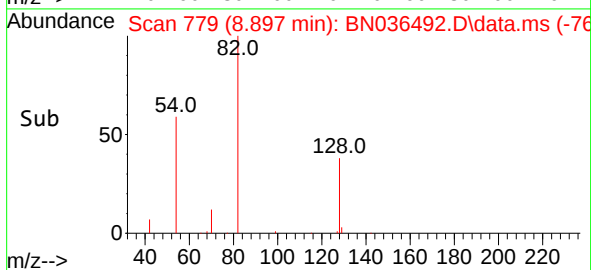
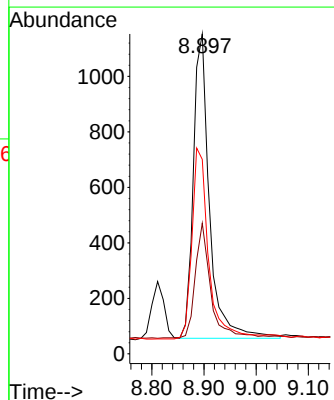
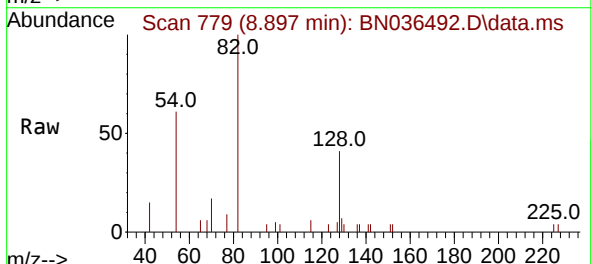
Instrument :  
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SSTDCCC0.4

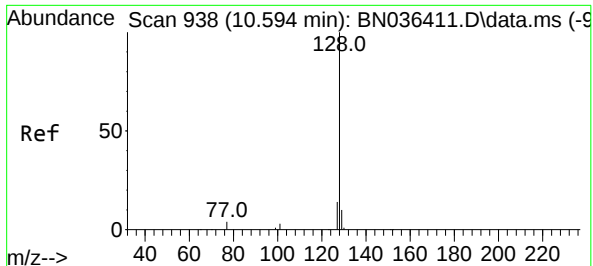
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 6147  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.9  | 10.1  | 15.1  |
| 54       | 12.6  | 11.8  | 17.6  |
| 68       | 7.8   | 7.2   | 10.8  |



#8  
Nitrobenzene-d5  
Concen: 0.390 ng  
RT: 8.897 min Scan# 779  
Delta R.T. -0.011 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2368  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 40.8  | 31.9  | 47.9  |
| 54       | 60.8  | 53.1  | 79.7  |

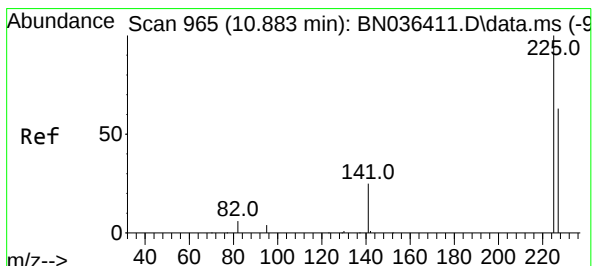
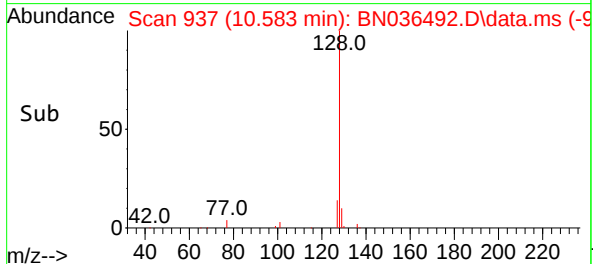
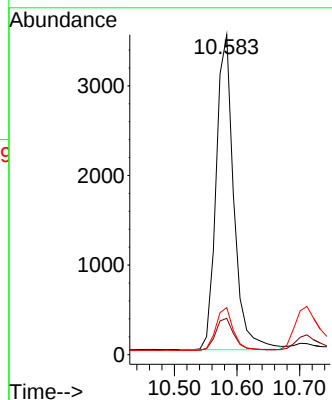
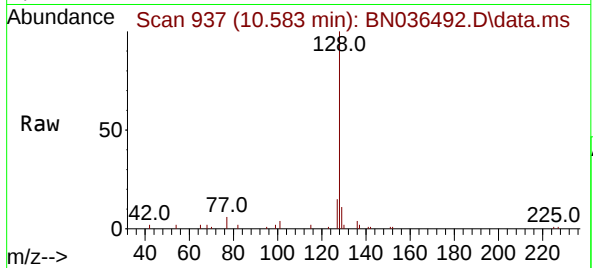




#9  
Naphthalene  
Concen: 0.389 ng  
RT: 10.583 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

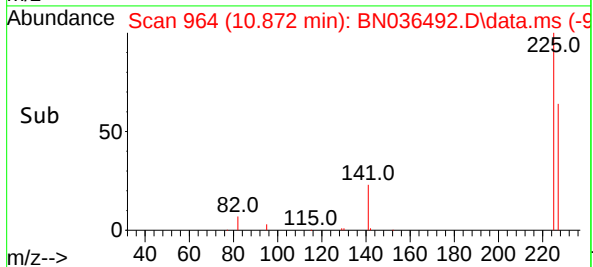
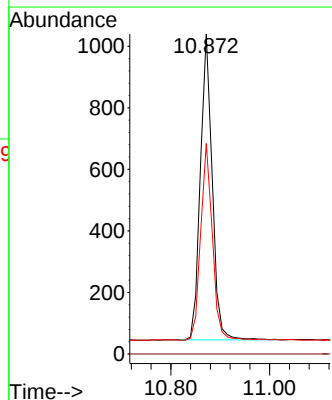
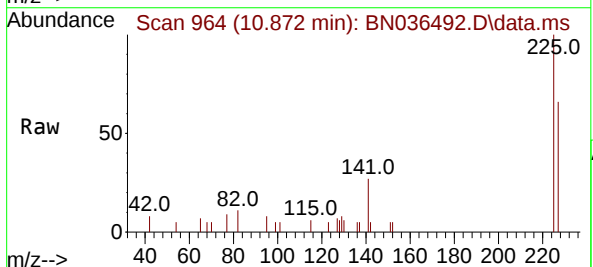
Instrument :  
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Tgt Ion:128 Resp: 6900  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.6 14.4  
127 14.7 12.0 18.0



#10  
Hexachlorobutadiene  
Concen: 0.383 ng  
RT: 10.872 min Scan# 964  
Delta R.T. -0.011 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

Tgt Ion:225 Resp: 1653  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.5 50.9 76.3

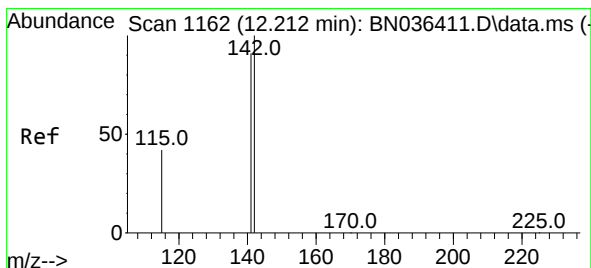
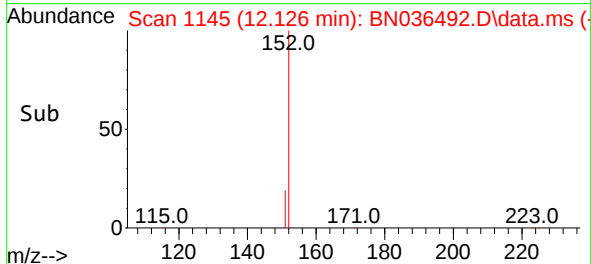
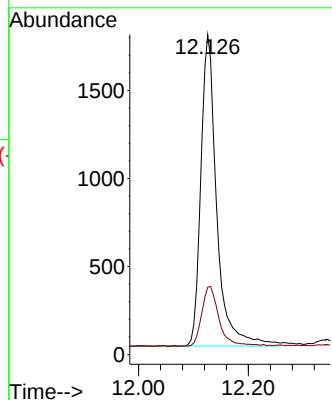
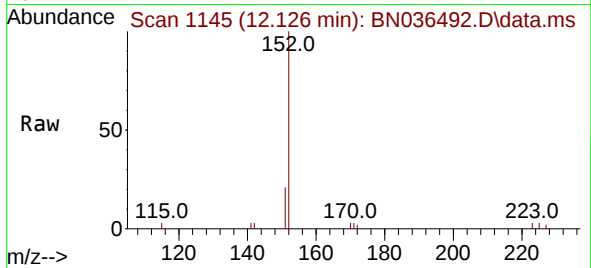




#11  
2-Methylnaphthalene-d10  
Concen: 0.375 ng  
RT: 12.126 min Scan# 1145  
Delta R.T. -0.015 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

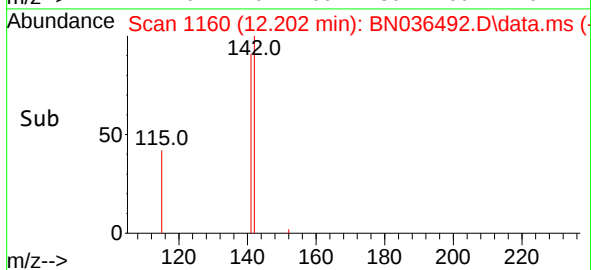
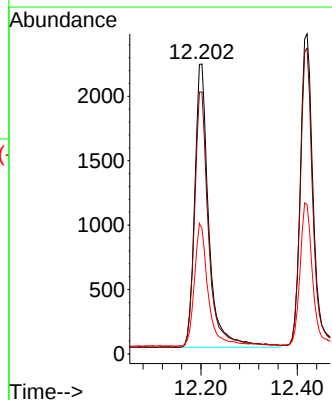
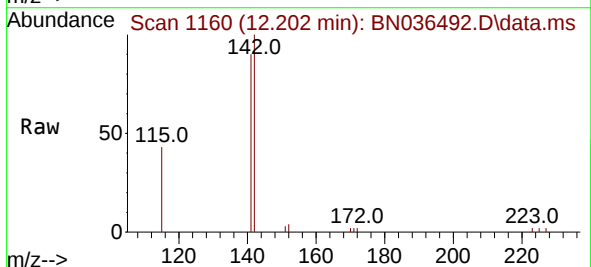
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

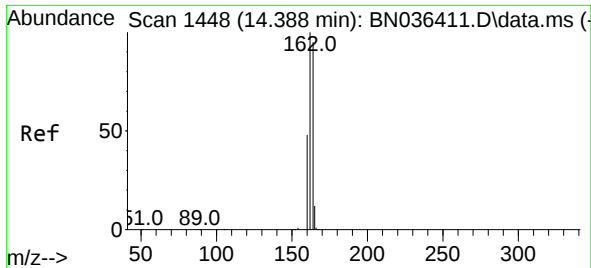
Tgt Ion:152 Resp: 3539  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.6 25.0



#12  
2-Methylnaphthalene  
Concen: 0.384 ng  
RT: 12.202 min Scan# 1160  
Delta R.T. -0.010 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

Tgt Ion:142 Resp: 4471  
Ion Ratio Lower Upper  
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141 90.4 72.8 109.2  
115 43.2 35.5 53.3

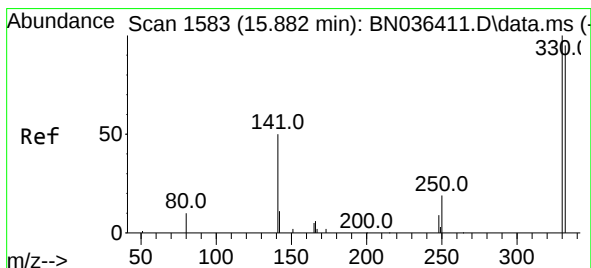
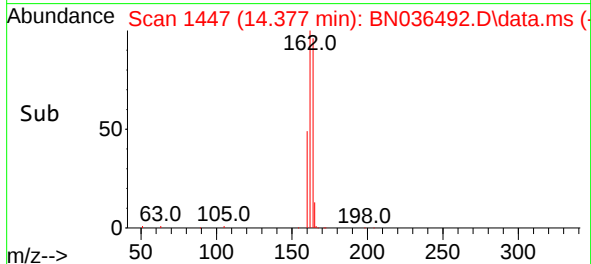
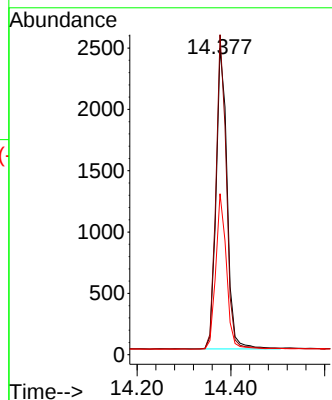
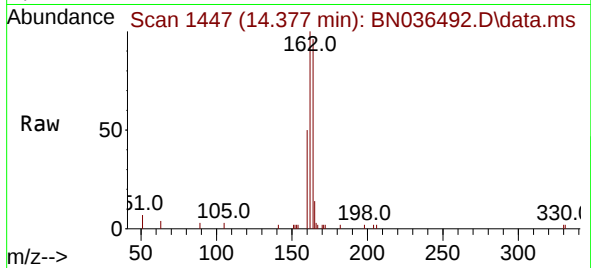




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.377 min Scan# 1447  
 Delta R.T. -0.011 min  
 Lab File: BN036492.D  
 Acq: 24 Feb 2025 10:49

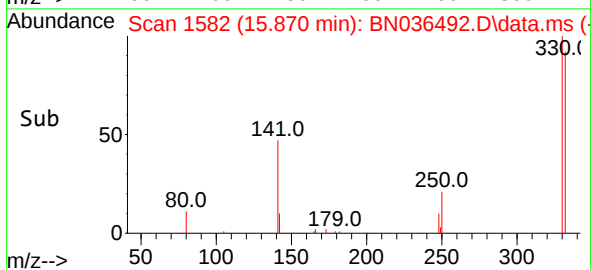
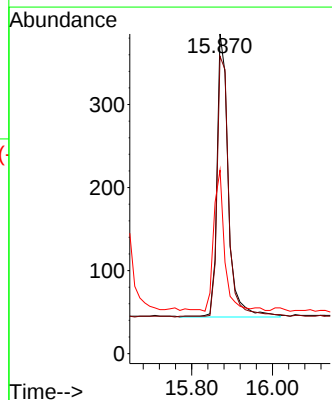
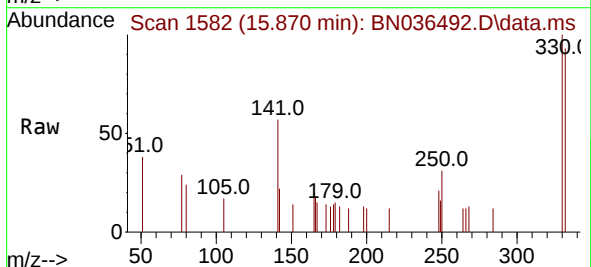
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion:164 Resp: 4030  
 Ion Ratio Lower Upper  
 164 100  
 162 104.4 84.1 126.1  
 160 52.5 41.4 62.0



#14  
 2,4,6-Tribromophenol  
 Concen: 0.334 ng  
 RT: 15.870 min Scan# 1582  
 Delta R.T. -0.013 min  
 Lab File: BN036492.D  
 Acq: 24 Feb 2025 10:49

Tgt Ion:330 Resp: 667  
 Ion Ratio Lower Upper  
 330 100  
 332 93.0 76.6 114.8  
 141 46.9 37.8 56.8

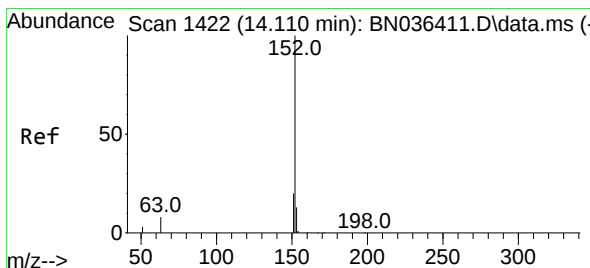
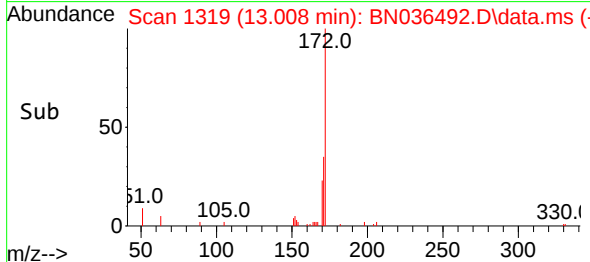
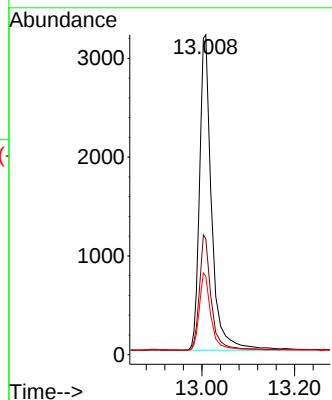
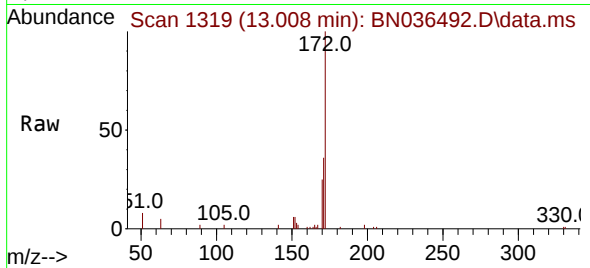




#15  
2-Fluorobiphenyl  
Concen: 0.458 ng  
RT: 13.008 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

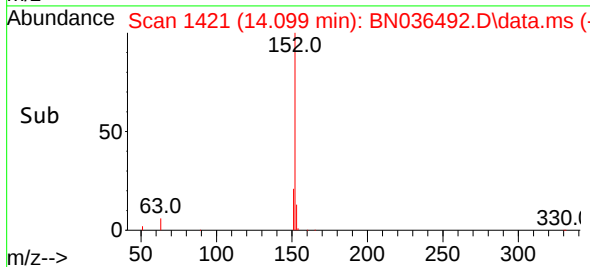
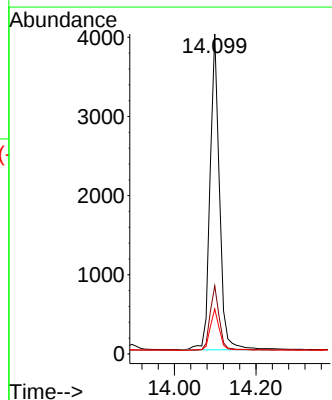
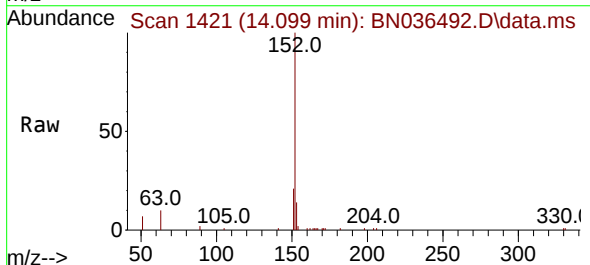
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

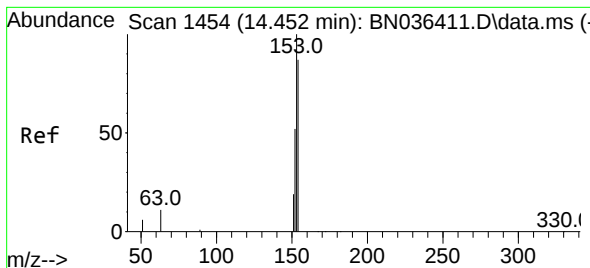
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 6941 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 36.2  | 29.6  | 44.4 |
| 170       | 24.6  | 19.8  | 29.6 |



#16  
Acenaphthylene  
Concen: 0.363 ng  
RT: 14.099 min Scan# 1421  
Delta R.T. -0.011 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 6457 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 20.1  | 15.8  | 23.8 |
| 153       | 13.3  | 10.2  | 15.2 |





#17

Acenaphthene

Concen: 0.372 ng

RT: 14.441 min Scan# 1453

Delta R.T. -0.011 min

Lab File: BN036492.D

Acq: 24 Feb 2025 10:49

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

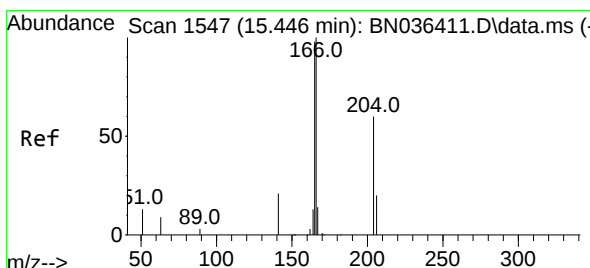
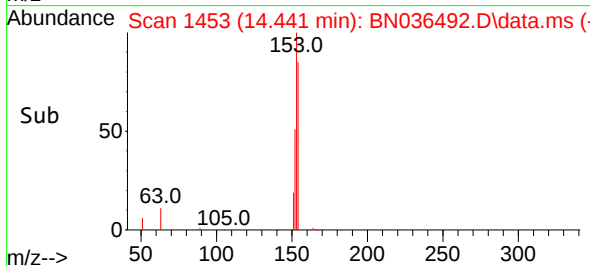
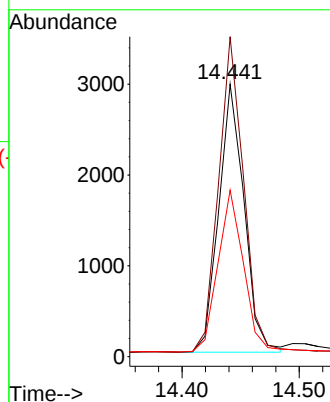
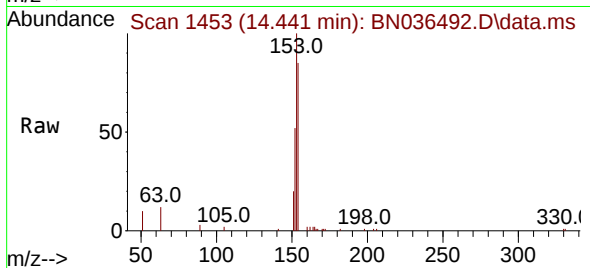
Tgt Ion:154 Resp: 4421

Ion Ratio Lower Upper

154 100

153 117.5 93.3 139.9

152 62.3 48.8 73.2



#18

Fluorene

Concen: 0.371 ng

RT: 15.435 min Scan# 1546

Delta R.T. -0.011 min

Lab File: BN036492.D

Acq: 24 Feb 2025 10:49

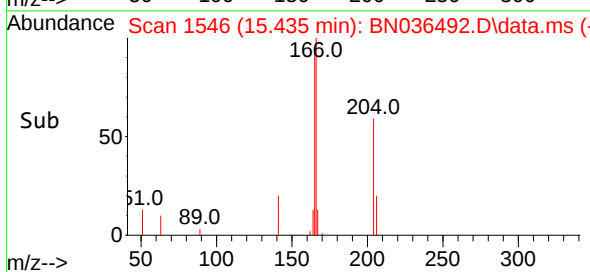
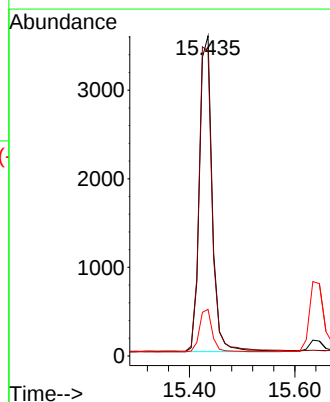
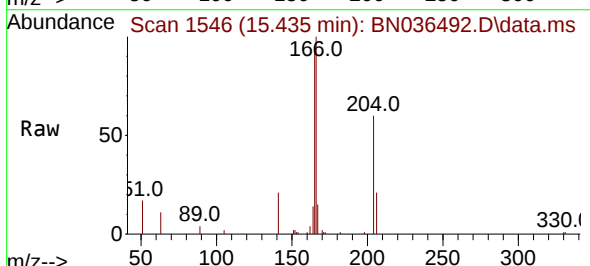
Tgt Ion:166 Resp: 6280

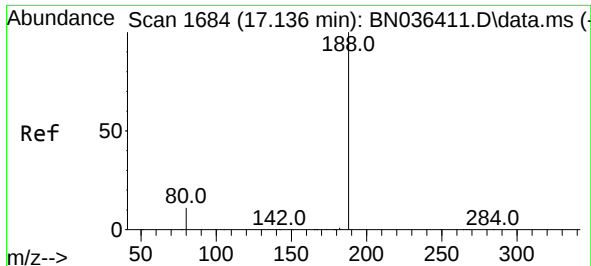
Ion Ratio Lower Upper

166 100

165 99.9 79.5 119.3

167 13.1 10.4 15.6

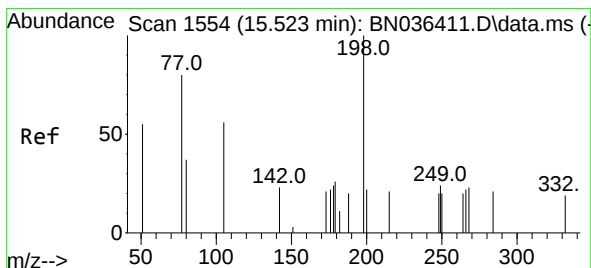
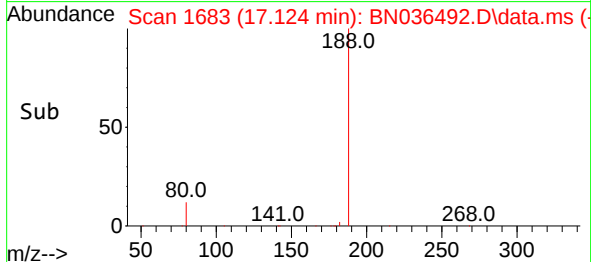
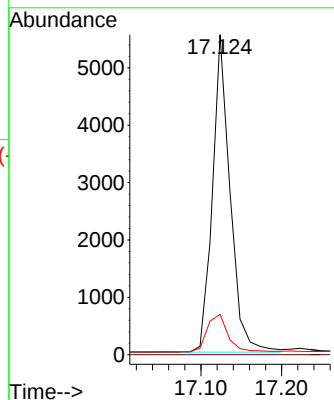
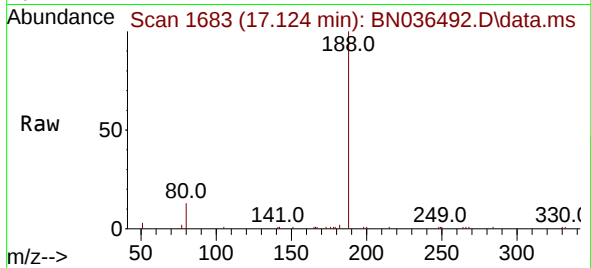




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.124 min Scan# 1683  
Delta R.T. -0.013 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

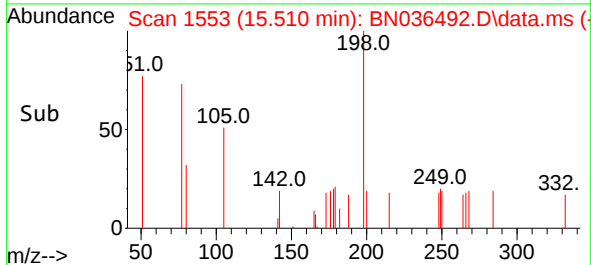
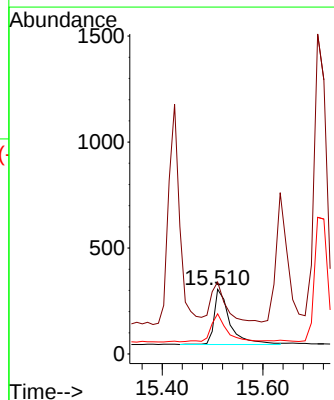
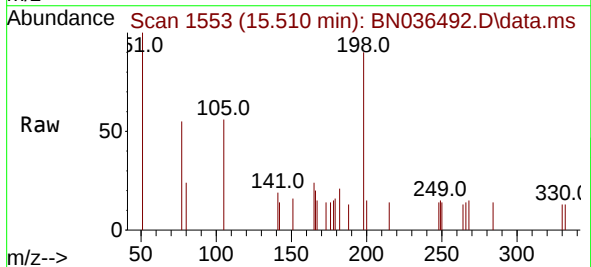
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

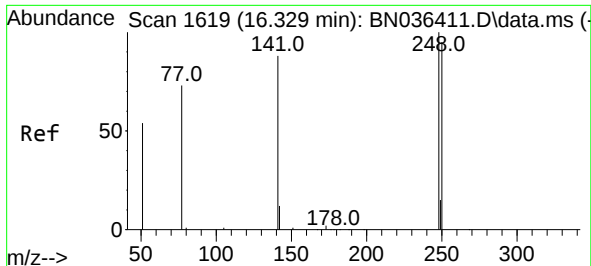
Tgt Ion:188 Resp: 8380  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.6 9.8 14.6



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.336 ng  
RT: 15.510 min Scan# 1553  
Delta R.T. -0.013 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

Tgt Ion:198 Resp: 552  
Ion Ratio Lower Upper  
198 100  
51 111.5 86.6 129.8  
105 62.3 57.5 86.3

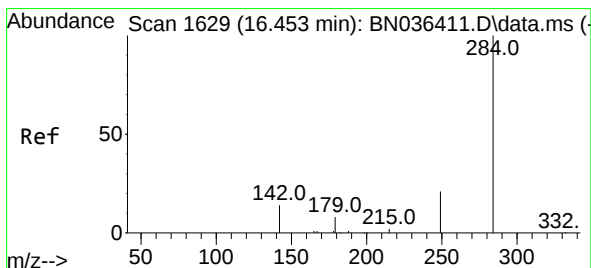
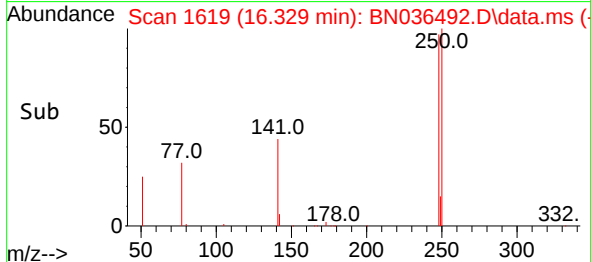
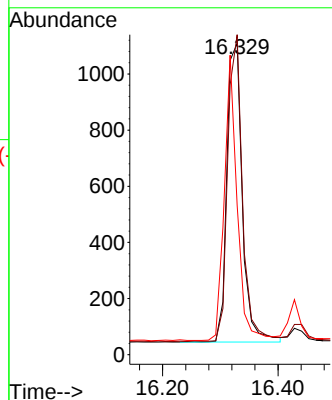
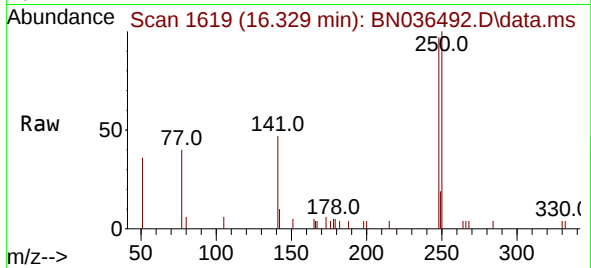




#21  
4-Bromophenyl-phenylether  
Concen: 0.398 ng  
RT: 16.329 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

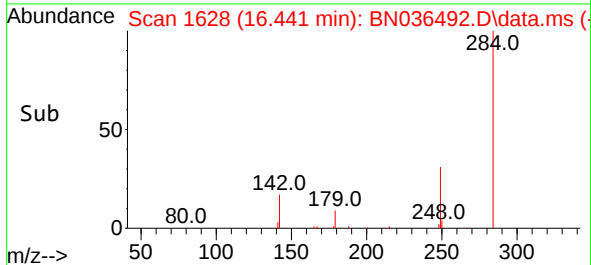
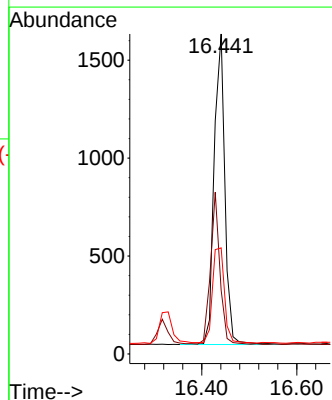
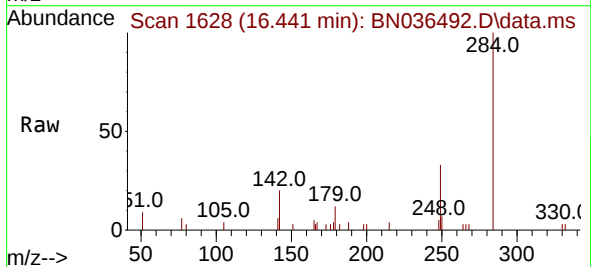
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

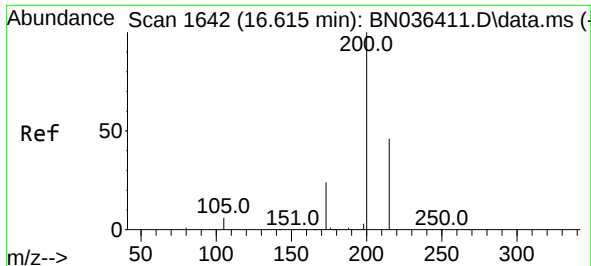
Tgt Ion:248 Resp: 1988  
Ion Ratio Lower Upper  
248 100  
250 102.8 76.1 114.1  
141 48.0 71.7 107.5#



#22  
Hexachlorobenzene  
Concen: 0.403 ng  
RT: 16.441 min Scan# 1628  
Delta R.T. -0.013 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

Tgt Ion:284 Resp: 2485  
Ion Ratio Lower Upper  
284 100  
142 43.5 33.4 50.0  
249 34.2 28.6 43.0

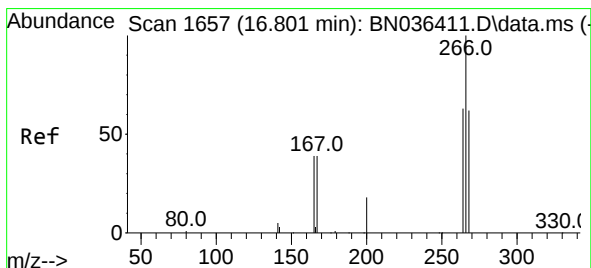
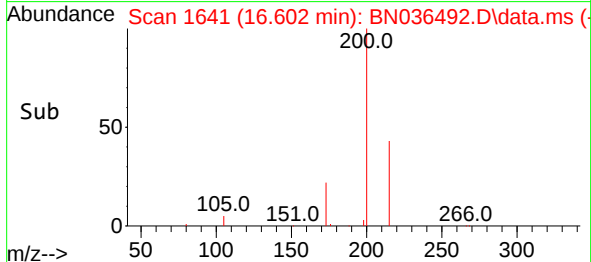
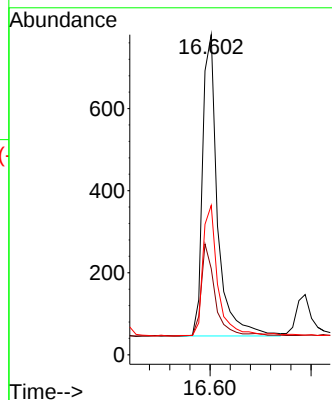
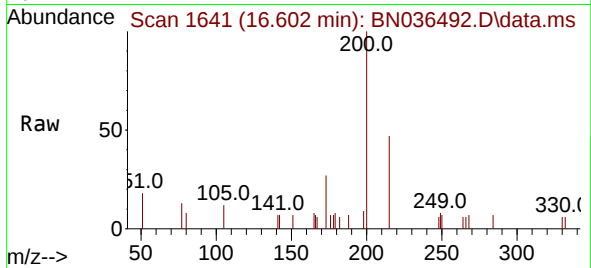




#23  
Atrazine  
Concen: 0.364 ng  
RT: 16.602 min Scan# 1641  
Delta R.T. -0.013 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

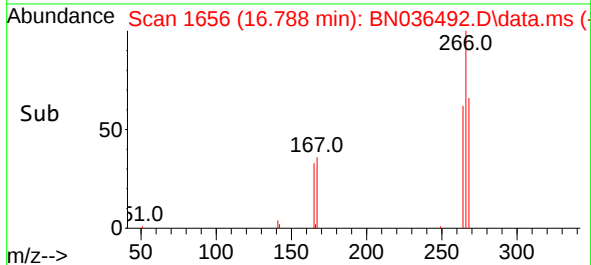
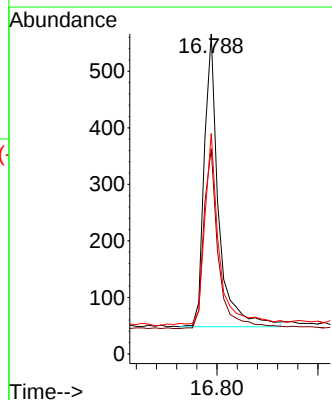
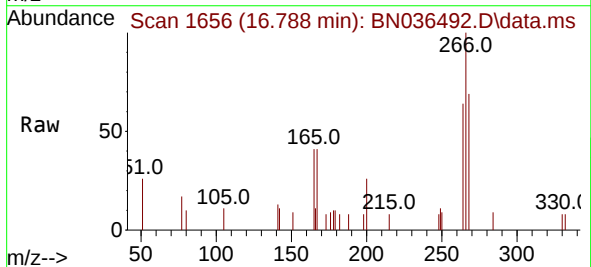
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

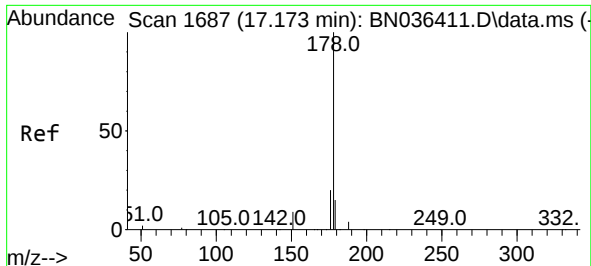
Tgt Ion:200 Resp: 1521  
Ion Ratio Lower Upper  
200 100  
173 26.9 23.2 34.8  
215 46.7 40.0 60.0



#24  
Pentachlorophenol  
Concen: 0.351 ng  
RT: 16.788 min Scan# 1656  
Delta R.T. -0.013 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

Tgt Ion:266 Resp: 1028  
Ion Ratio Lower Upper  
266 100  
264 62.7 50.6 76.0  
268 68.1 51.9 77.9

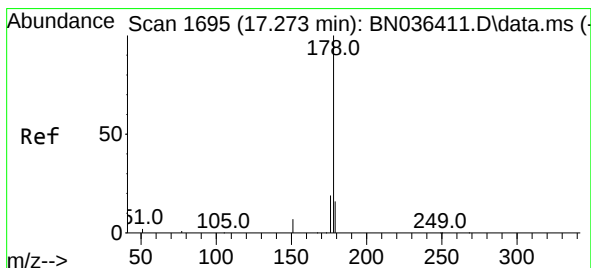
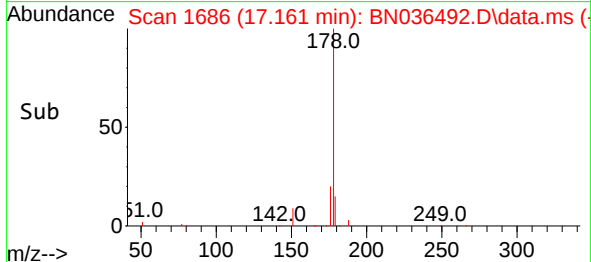
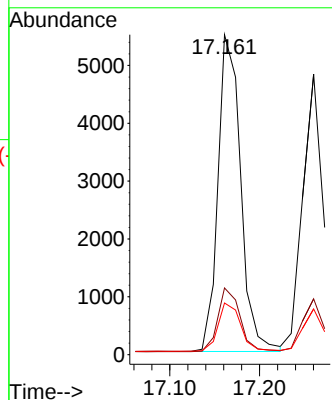
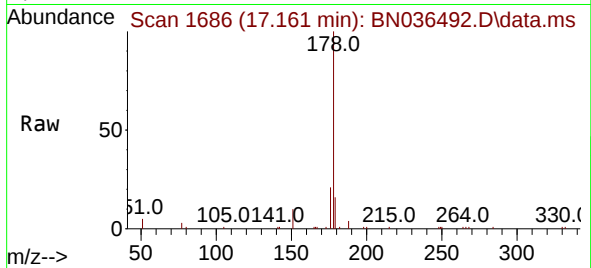




#25  
Phenanthrene  
Concen: 0.398 ng  
RT: 17.161 min Scan# 1686  
Delta R.T. -0.013 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

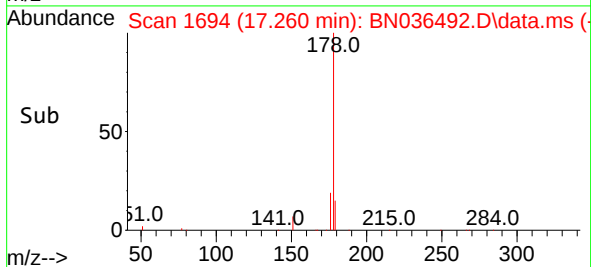
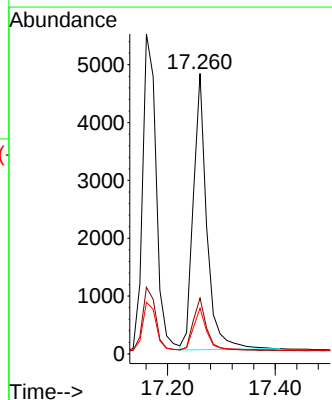
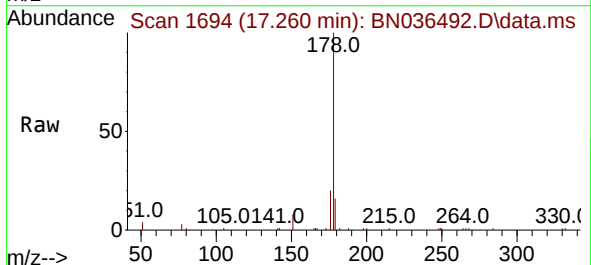
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:178 Resp: 9637  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.7 23.5  
179 15.3 12.4 18.6



#26  
Anthracene  
Concen: 0.390 ng  
RT: 17.260 min Scan# 1694  
Delta R.T. -0.013 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

Tgt Ion:178 Resp: 8338  
Ion Ratio Lower Upper  
178 100  
176 19.1 14.9 22.3  
179 15.7 12.4 18.6

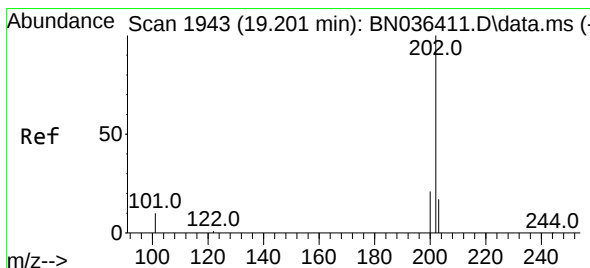
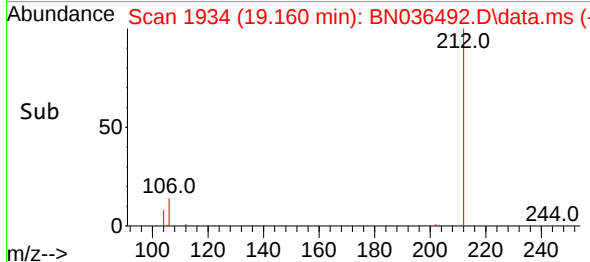
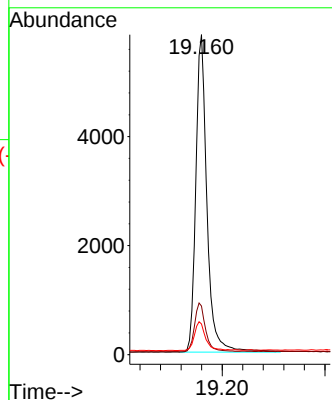
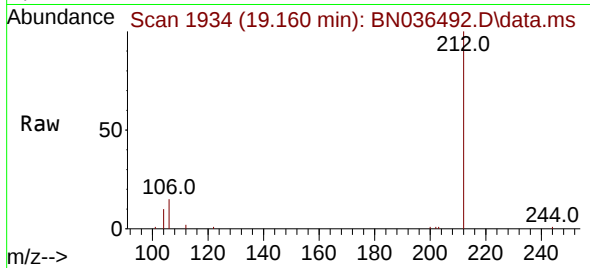




#27  
Fluoranthene-d10  
Concen: 0.377 ng  
RT: 19.160 min Scan# 1936  
Delta R.T. -0.009 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

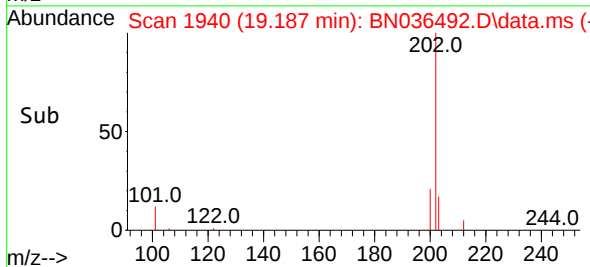
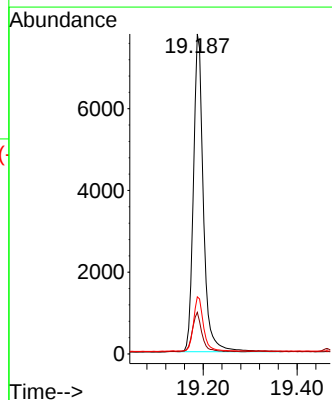
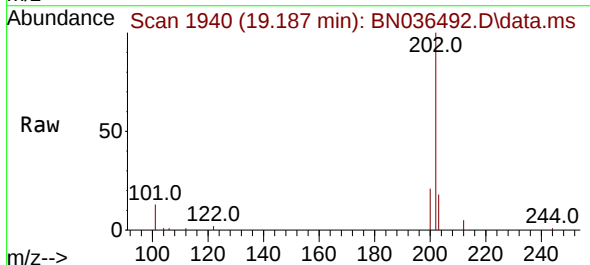
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

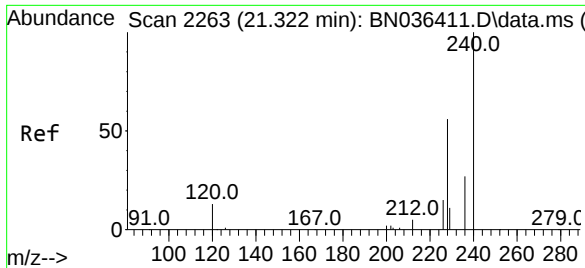
Tgt Ion:212 Resp: 8784  
Ion Ratio Lower Upper  
212 100  
106 15.3 11.5 17.3  
104 9.3 7.1 10.7



#28  
Fluoranthene  
Concen: 0.385 ng  
RT: 19.187 min Scan# 1940  
Delta R.T. -0.014 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

Tgt Ion:202 Resp: 11461  
Ion Ratio Lower Upper  
202 100  
101 12.2 9.2 13.8  
203 16.9 13.4 20.0

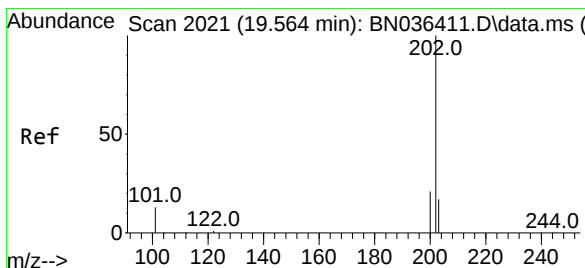
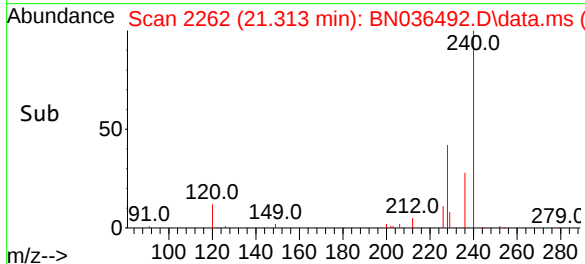
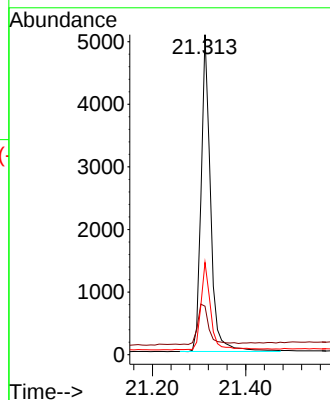
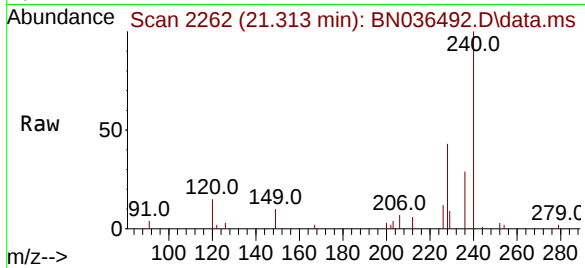




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.313 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

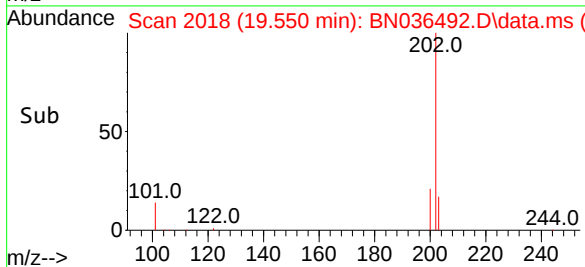
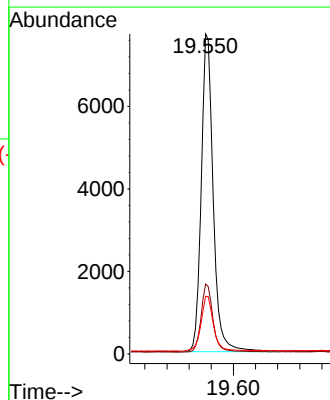
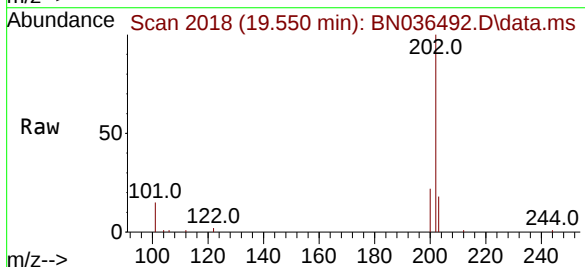
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BNA\_N  
ClientSampleId :  
SSTDCCC0.4

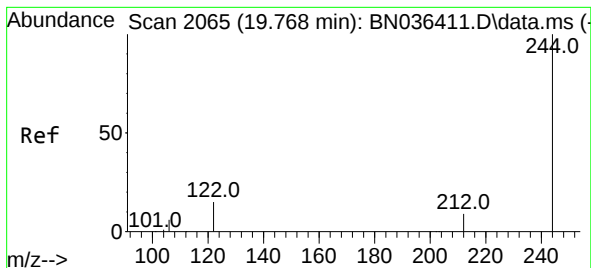
Tgt Ion:240 Resp: 7132  
Ion Ratio Lower Upper  
240 100  
120 15.1 13.3 19.9  
236 28.9 23.0 34.6



#30  
Pyrene  
Concen: 0.423 ng  
RT: 19.550 min Scan# 2018  
Delta R.T. -0.014 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

Tgt Ion:202 Resp: 11612  
Ion Ratio Lower Upper  
202 100  
200 21.4 16.9 25.3  
203 18.0 13.9 20.9





#31

Terphenyl-d14

Concen: 0.393 ng

RT: 19.763 min Scan# 2064

Delta R.T. -0.005 min

Lab File: BN036492.D

Acq: 24 Feb 2025 10:49

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

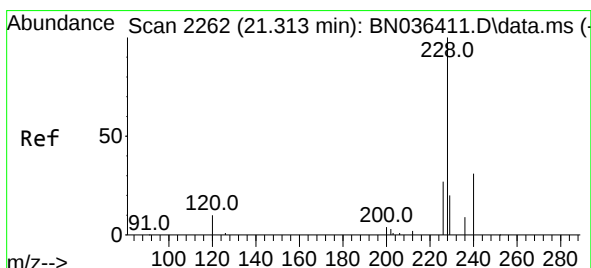
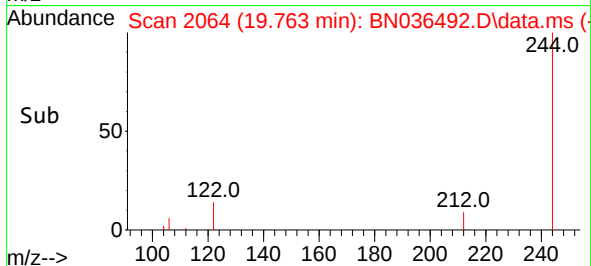
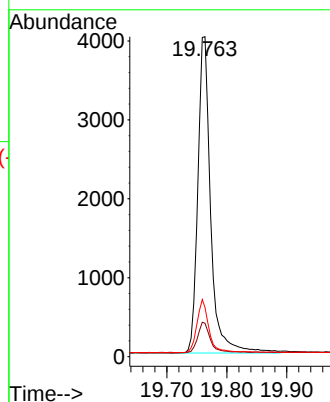
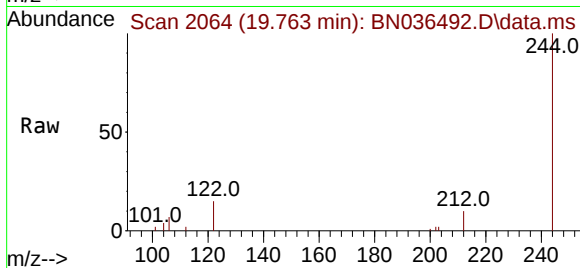
Tgt Ion:244 Resp: 5976

Ion Ratio Lower Upper

244 100

212 10.4 8.1 12.1

122 15.4 12.8 19.2



#32

Benzo(a)anthracene

Concen: 0.387 ng

RT: 21.295 min Scan# 2260

Delta R.T. -0.018 min

Lab File: BN036492.D

Acq: 24 Feb 2025 10:49

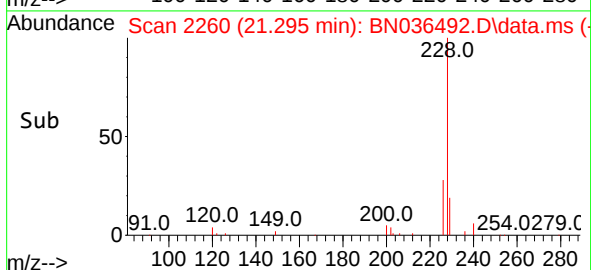
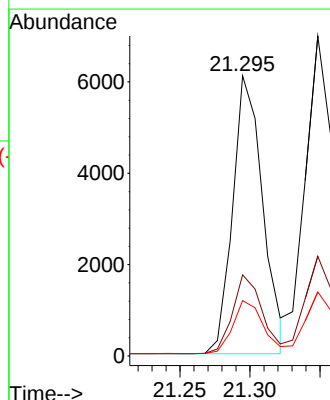
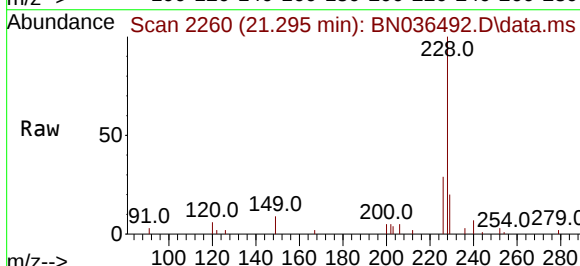
Tgt Ion:228 Resp: 9088

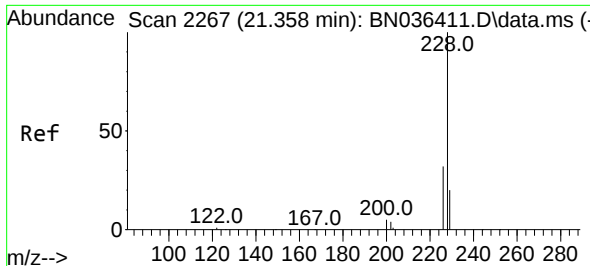
Ion Ratio Lower Upper

228 100

226 29.0 22.2 33.2

229 19.7 16.5 24.7

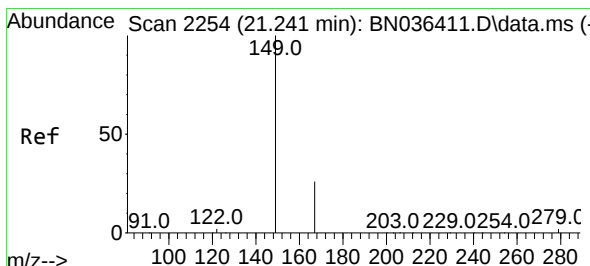
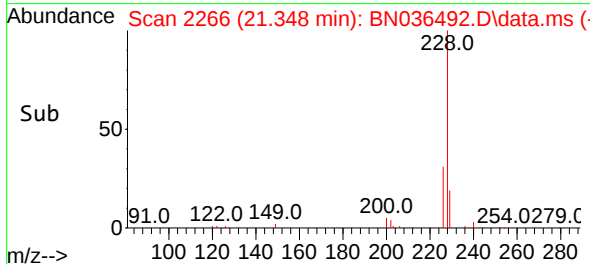
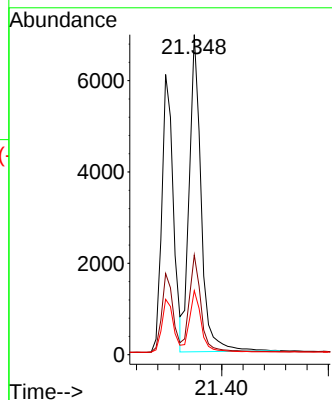
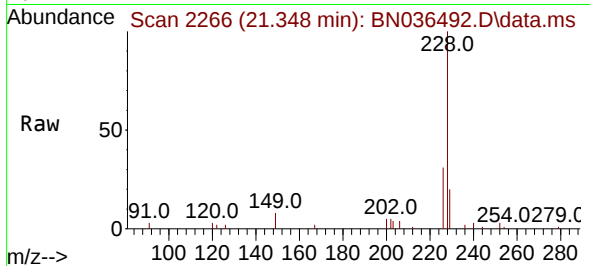




#33  
Chrysene  
Concen: 0.421 ng  
RT: 21.348 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

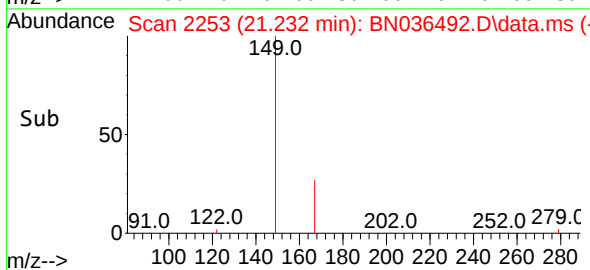
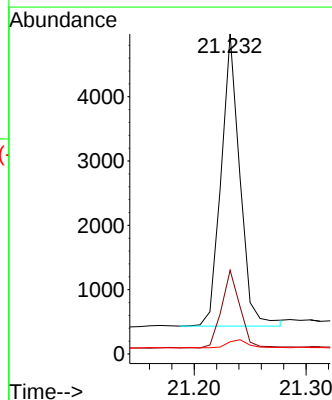
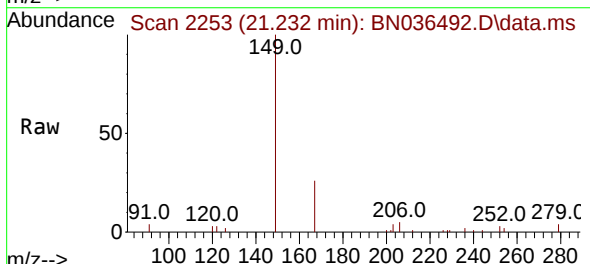
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:228 Resp: 10688  
Ion Ratio Lower Upper  
228 100  
226 31.1 25.5 38.3  
229 20.0 16.4 24.6



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.363 ng  
RT: 21.232 min Scan# 2253  
Delta R.T. -0.009 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

Tgt Ion:149 Resp: 5314  
Ion Ratio Lower Upper  
149 100  
167 26.3 21.2 31.8  
279 3.3 2.7 4.1

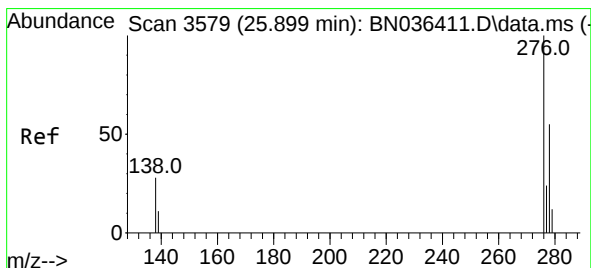
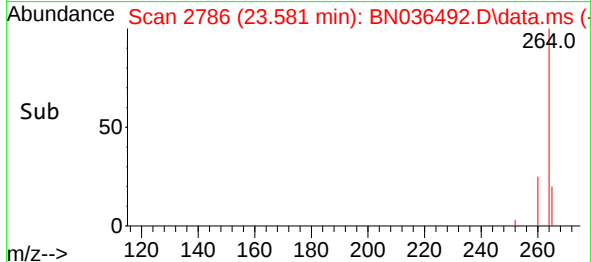
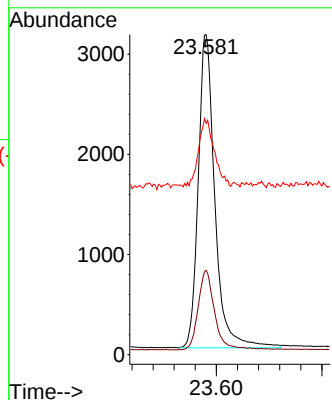
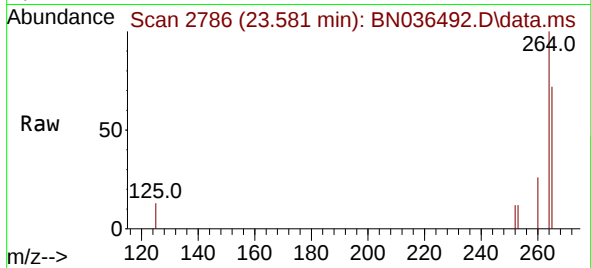




#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.581 min Scan# 21  
 Delta R.T. -0.015 min  
 Lab File: BN036492.D  
 Acq: 24 Feb 2025 10:49

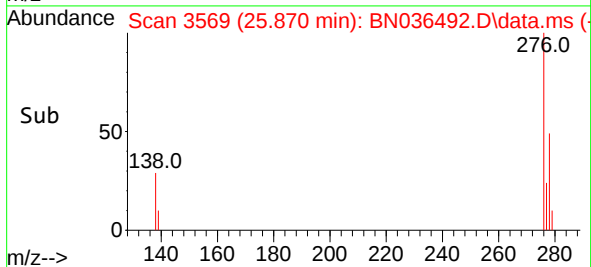
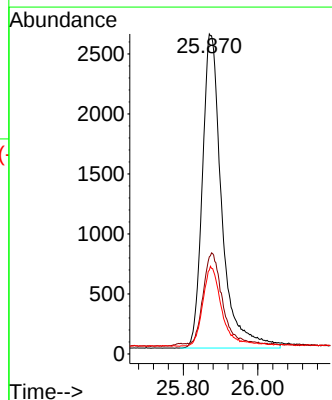
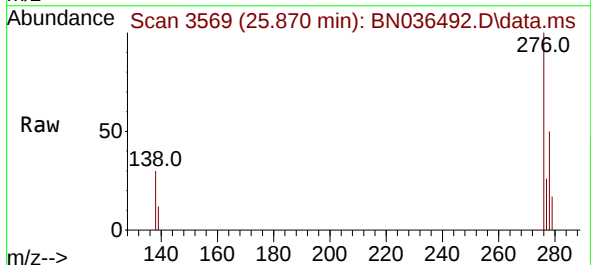
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion:264 Resp: 6830  
 Ion Ratio Lower Upper  
 264 100  
 260 26.4 20.9 31.3  
 265 72.3 60.7 91.1



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.396 ng  
 RT: 25.870 min Scan# 3569  
 Delta R.T. -0.029 min  
 Lab File: BN036492.D  
 Acq: 24 Feb 2025 10:49

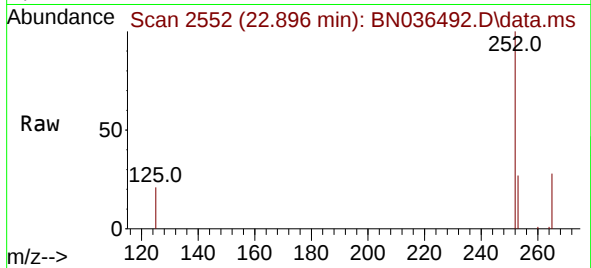
Tgt Ion:276 Resp: 9456  
 Ion Ratio Lower Upper  
 276 100  
 138 27.3 22.2 33.2  
 277 24.5 19.8 29.6



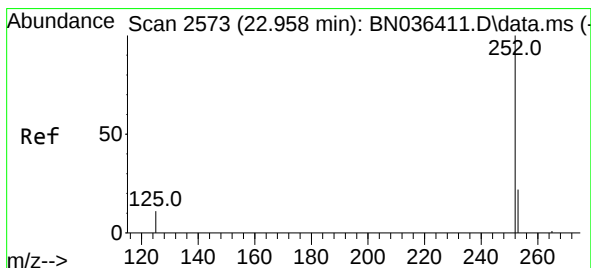
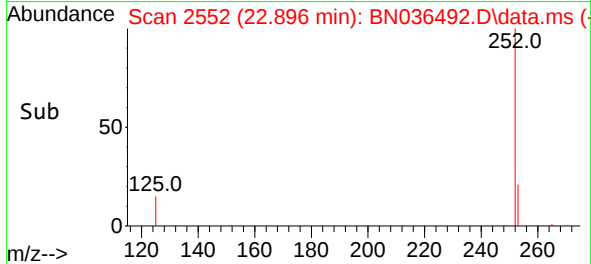
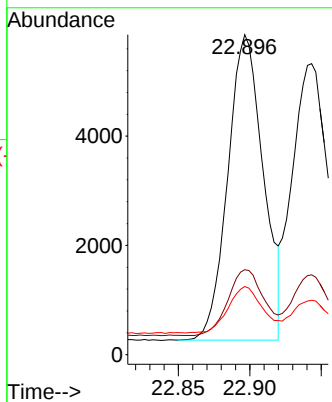


#37  
Benzo(b)fluoranthene  
Concen: 0.429 ng  
RT: 22.896 min Scan# 2552  
Delta R.T. -0.015 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

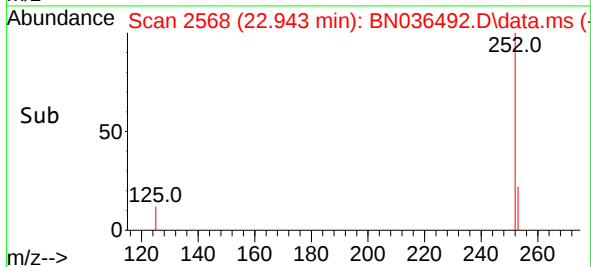
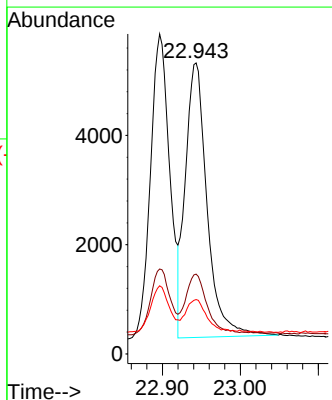
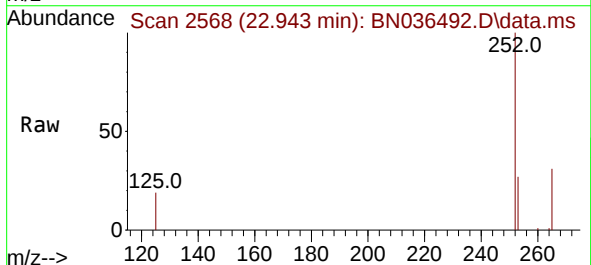


Tgt Ion:252 Resp: 9651  
Ion Ratio Lower Upper  
252 100  
253 26.5 21.9 32.9  
125 21.3 15.0 22.6



#38  
Benzo(k)fluoranthene  
Concen: 0.420 ng  
RT: 22.943 min Scan# 2568  
Delta R.T. -0.015 min  
Lab File: BN036492.D  
Acq: 24 Feb 2025 10:49

Tgt Ion:252 Resp: 9731  
Ion Ratio Lower Upper  
252 100  
253 27.4 22.2 33.4  
125 18.7 15.0 22.4





#39

Benzo(a)pyrene

Concen: 0.416 ng

RT: 23.481 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN036492.D

Acq: 24 Feb 2025 10:49

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

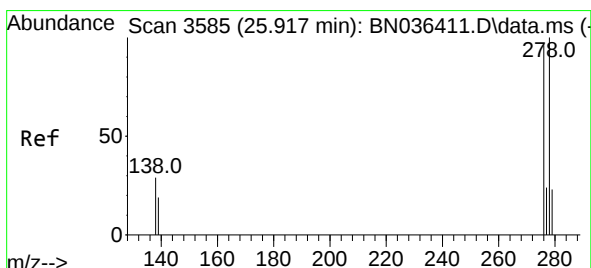
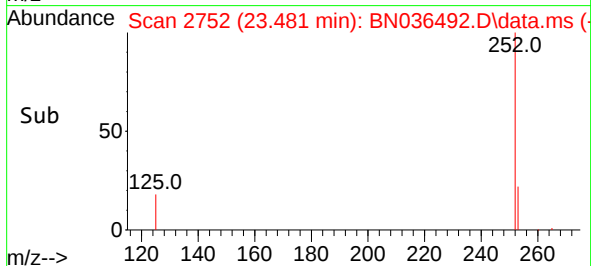
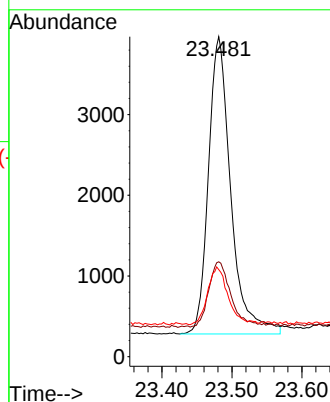
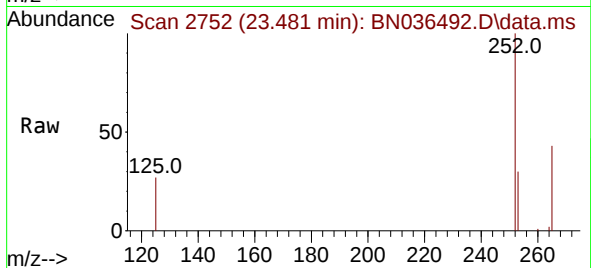
Tgt Ion:252 Resp: 8162

Ion Ratio Lower Upper

252 100

253 29.6 24.4 36.6

125 27.2 18.2 27.2



#40

Dibenzo(a,h)anthracene

Concen: 0.381 ng

RT: 25.887 min Scan# 3575

Delta R.T. -0.029 min

Lab File: BN036492.D

Acq: 24 Feb 2025 10:49

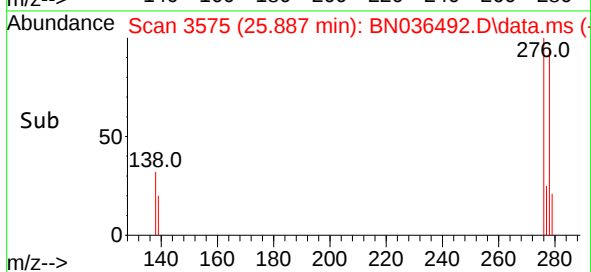
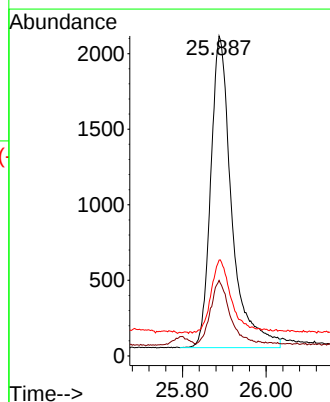
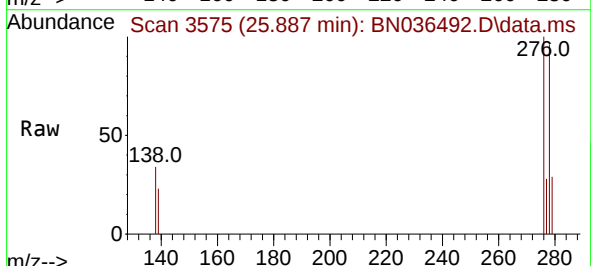
Tgt Ion:278 Resp: 7176

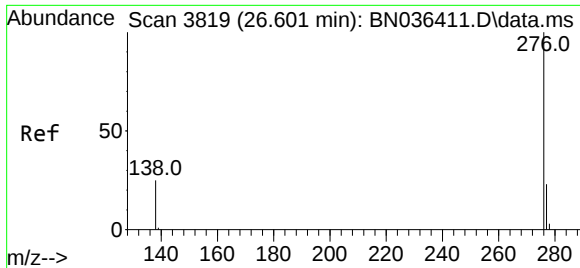
Ion Ratio Lower Upper

278 100

139 23.6 18.5 27.7

279 29.9 24.8 37.2





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.390 ng  
 RT: 26.571 min Scan# 3809  
 Delta R.T. -0.029 min  
 Lab File: BN036492.D  
 Acq: 24 Feb 2025 10:49

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 8331 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 24.9  | 20.7  | 31.1 |
| 138       | 28.9  | 21.8  | 32.6 |

