

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051525\  
 Data File : BN037028.D  
 Acq On : 15 May 2025 11:43  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

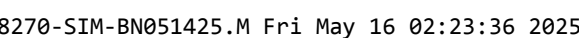
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

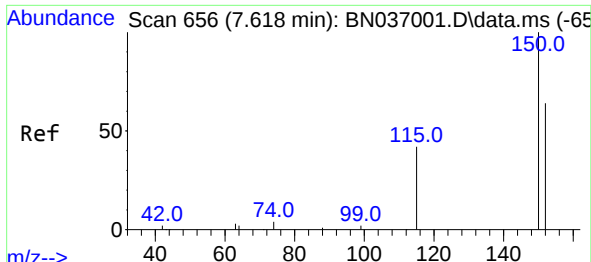
Quant Time: May 15 12:13:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 14 11:26:32 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.618  | 152  | 2229     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.394 | 136  | 6025     | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.267 | 164  | 3473     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.009 | 188  | 6915     | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.206 | 240  | 5629     | 0.40 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.407 | 264  | 4798     | 0.40 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.206  | 112  | 2179     | 0.37 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.788  | 99   | 2628     | 0.36 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.760  | 82   | 2453     | 0.37 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.991 | 152  | 3515     | 0.41 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 532      | 0.35 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.883 | 172  | 6133     | 0.39 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.049 | 212  | 7480     | 0.39 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.653 | 244  | 5004     | 0.42 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.140  | 88   | 1076     | 0.39 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.458  | 42   | 2082     | 0.35 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 7.048  | 93   | 2589     | 0.38 | ng    | 99       |
| 9) Naphthalene                | 10.447 | 128  | 6650     | 0.37 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.735 | 225  | 1445     | 0.39 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.067 | 142  | 4293     | 0.37 | ng    | 98       |
| 16) Acenaphthylene            | 13.978 | 152  | 6273     | 0.37 | ng    | 99       |
| 17) Acenaphthene              | 14.320 | 154  | 4207     | 0.38 | ng    | 99       |
| 18) Fluorene                  | 15.314 | 166  | 5462     | 0.38 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.400 | 198  | 500      | 0.38 | ng    | 96       |
| 21) 4-Bromophenyl-phenylether | 16.214 | 248  | 1655     | 0.38 | ng    | # 88     |
| 22) Hexachlorobenzene         | 16.326 | 284  | 1846     | 0.39 | ng    | 99       |
| 23) Atrazine                  | 16.487 | 200  | 1341     | 0.35 | ng    | 96       |
| 24) Pentachlorophenol         | 16.673 | 266  | 862      | 0.33 | ng    | 99       |
| 25) Phenanthrene              | 17.046 | 178  | 8438     | 0.37 | ng    | 100      |
| 26) Anthracene                | 17.145 | 178  | 7422     | 0.36 | ng    | 100      |
| 28) Fluoranthene              | 19.077 | 202  | 9734     | 0.36 | ng    | 99       |
| 30) Pyrene                    | 19.440 | 202  | 9786     | 0.41 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.189 | 228  | 7710     | 0.36 | ng    | 99       |
| 33) Chrysene                  | 21.242 | 228  | 8550     | 0.38 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.135 | 149  | 4722     | 0.36 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.620 | 276  | 6743     | 0.34 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 22.749 | 252  | 7534     | 0.38 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.793 | 252  | 7333     | 0.37 | ng    | 100      |
| 39) Benzo(a)pyrene            | 23.313 | 252  | 5991     | 0.35 | ng    | # 94     |
| 40) Dibenzo(a,h)anthracene    | 25.637 | 278  | 5209     | 0.34 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.292 | 276  | 5828     | 0.35 | ng    | 99       |
| -----                         |        |      |          |      |       |          |

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

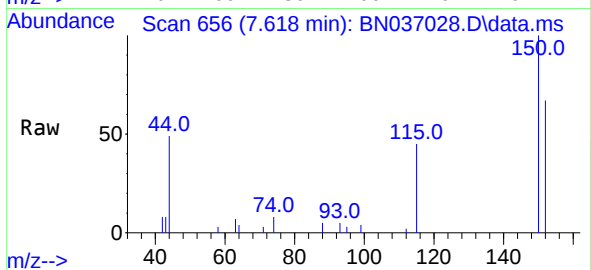
Quant Time: May 15 12:13:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 14 11:26:32 2025  
Response via : Initial Calibration



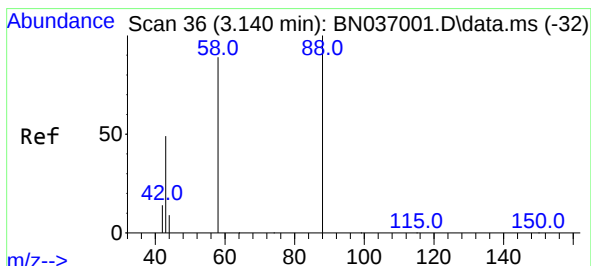
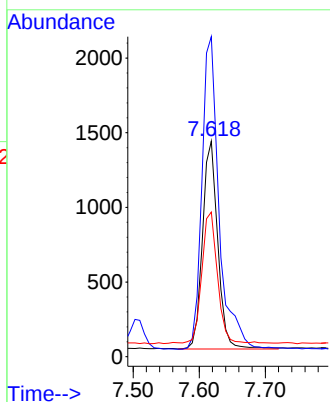
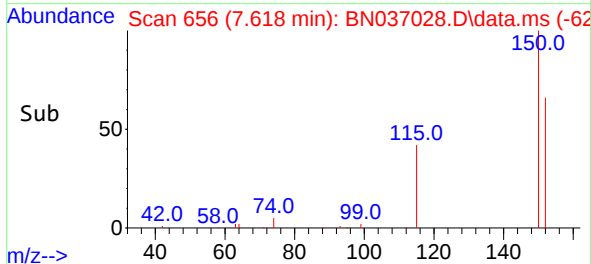


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.618 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

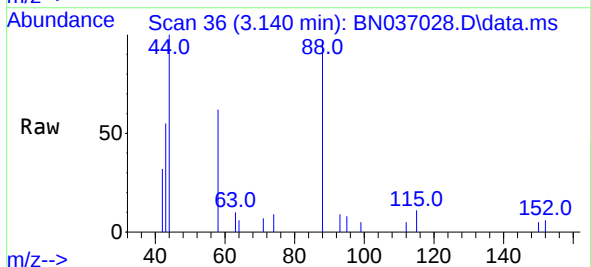
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BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



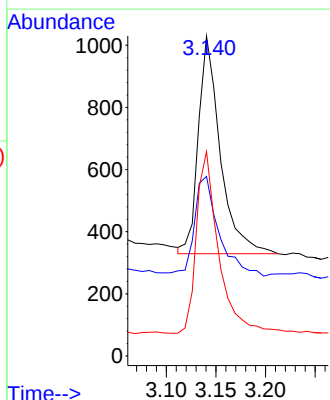
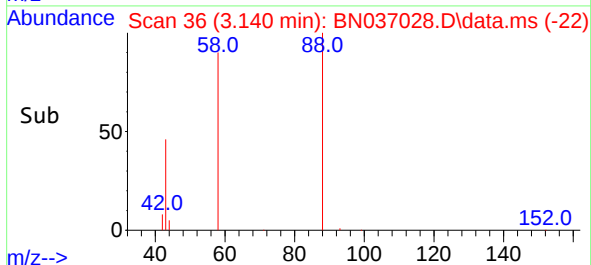
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Ion Ratio Lower Upper  
152 100  
150 148.5 123.9 185.9  
115 67.2 55.8 83.8



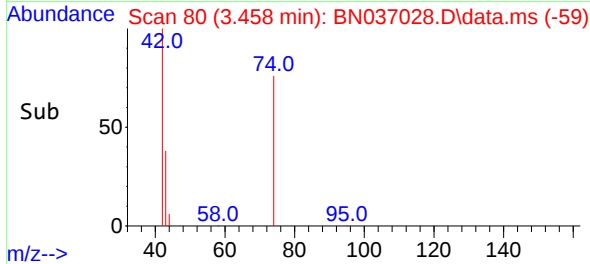
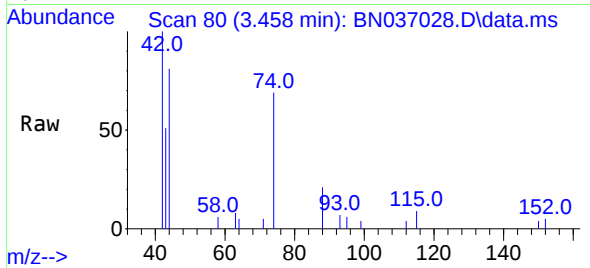
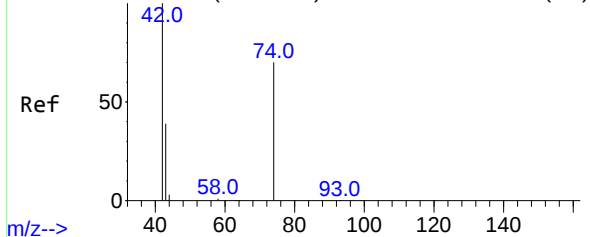
#2  
1,4-Dioxane  
Concen: 0.39 ng  
RT: 3.140 min Scan# 36  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43



Tgt Ion: 88 Resp: 1076  
Ion Ratio Lower Upper  
88 100  
43 48.4 37.4 56.0  
58 84.3 68.8 103.2



Abundance Scan 80 (3.458 min): BN037001.D\data.ms (-76)



#3

n-Nitrosodimethylamine

Concen: 0.35 ng

RT: 3.458 min Scan# 80

Delta R.T. 0.000 min

Lab File: BN037028.D

Acq: 15 May 2025 11:43

Instrument :

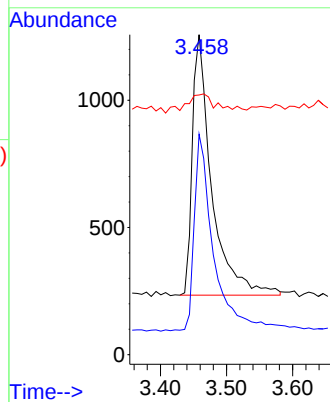
BNA\_N

ClientSampleId :

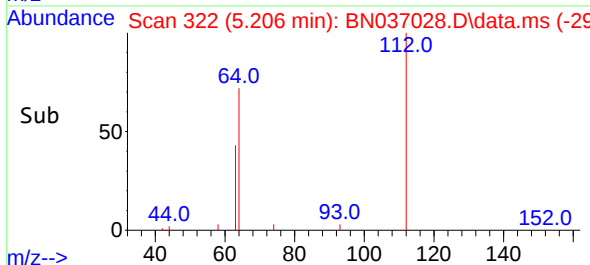
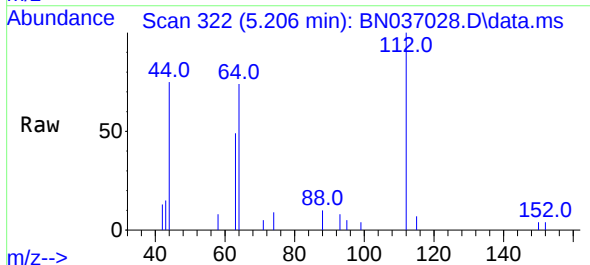
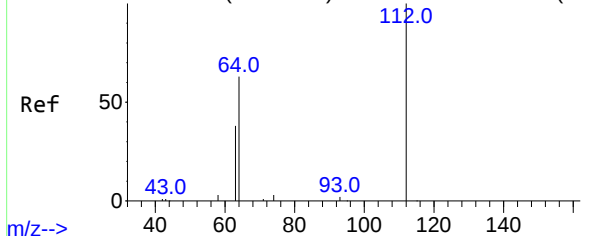
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2082

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 76.1  | 59.8  | 89.6  |
| 44  | 12.1  | 11.9  | 17.9  |



Abundance Scan 323 (5.213 min): BN037001.D\data.ms (-31)



#4

2-Fluorophenol

Concen: 0.37 ng

RT: 5.206 min Scan# 322

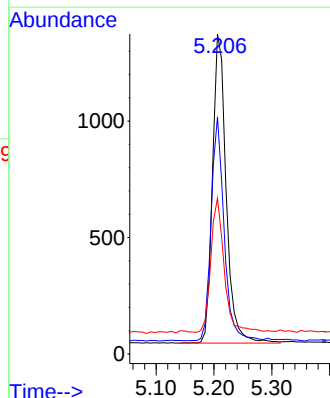
Delta R.T. -0.007 min

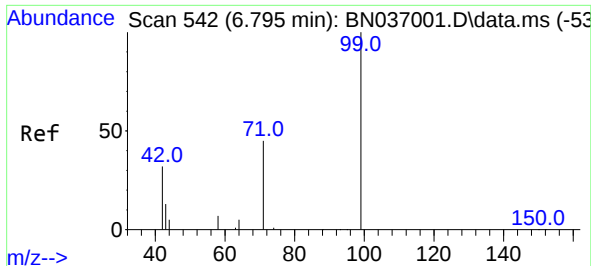
Lab File: BN037028.D

Acq: 15 May 2025 11:43

Tgt Ion: 112 Resp: 2179

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 68.8  | 55.7  | 83.5  |
| 63  | 42.8  | 34.6  | 51.8  |

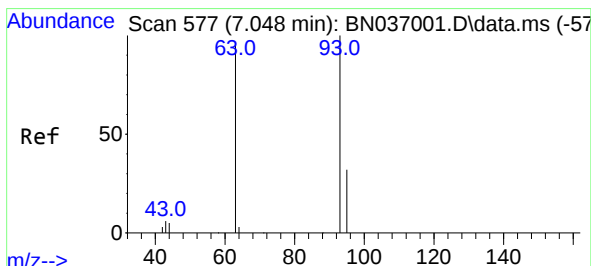
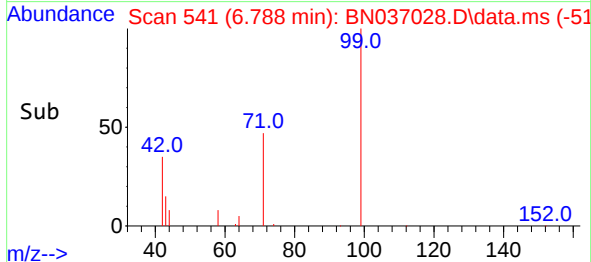
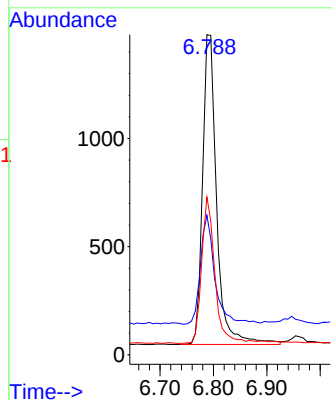
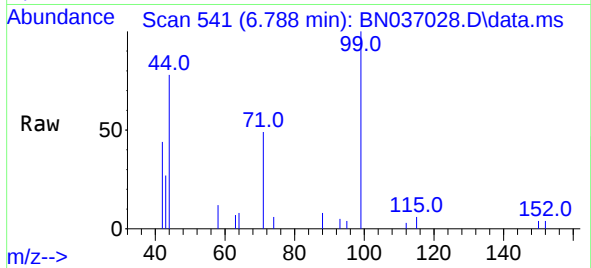




#5  
Phenol-d6  
Concen: 0.36 ng  
RT: 6.788 min Scan# 541  
Delta R.T. -0.007 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

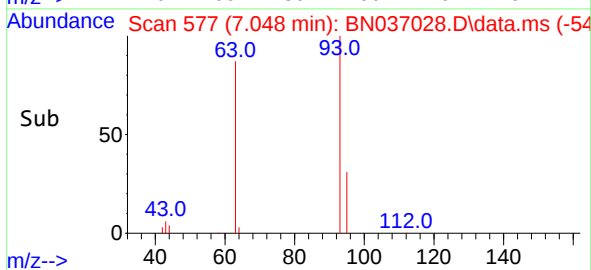
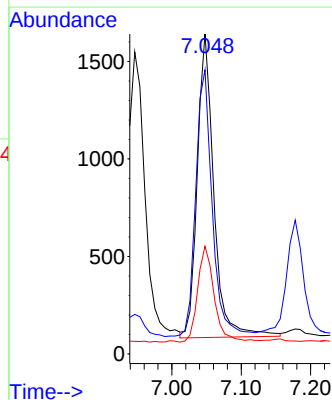
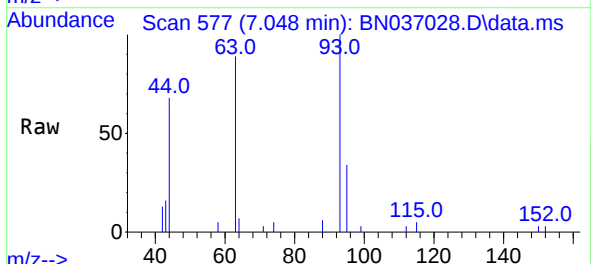
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

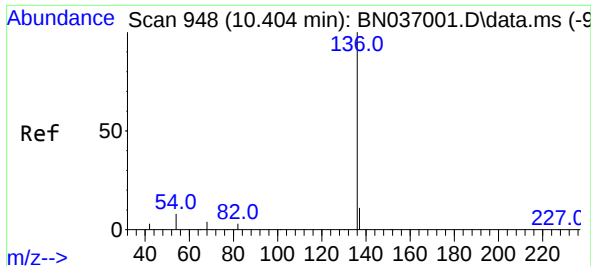
Tgt Ion: 99 Resp: 2628  
Ion Ratio Lower Upper  
99 100  
42 36.4 29.3 43.9  
71 44.4 35.7 53.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.38 ng  
RT: 7.048 min Scan# 577  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

Tgt Ion: 93 Resp: 2589  
Ion Ratio Lower Upper  
93 100  
63 86.7 70.1 105.1  
95 31.6 26.2 39.2

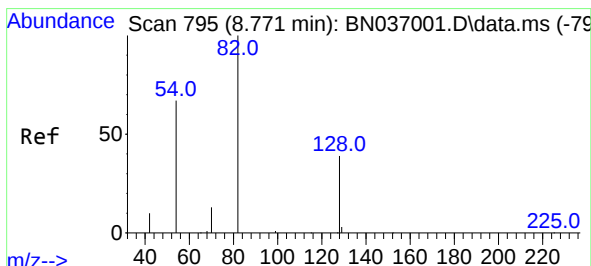
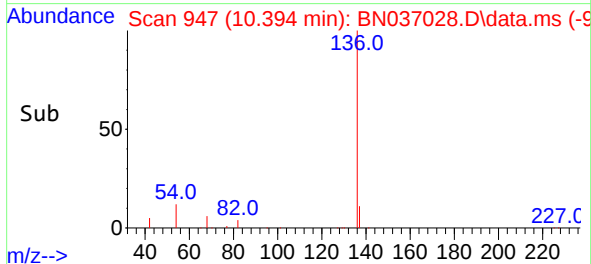
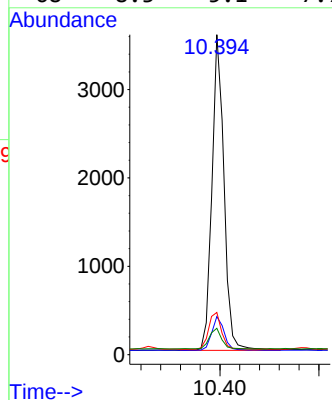
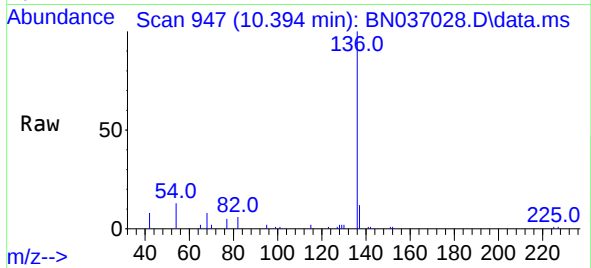




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.394 min Scan# 94  
Delta R.T. -0.011 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

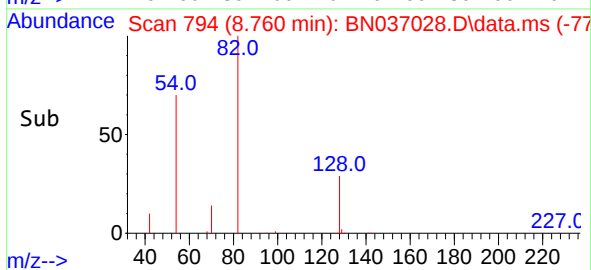
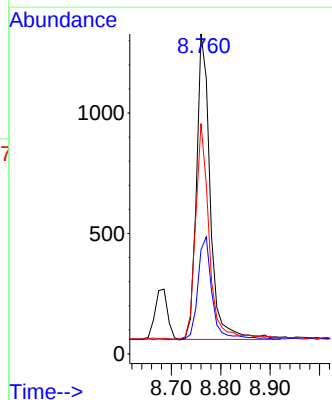
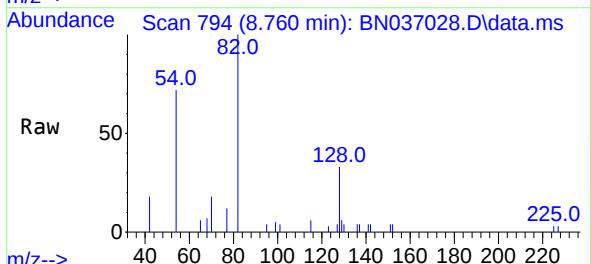
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

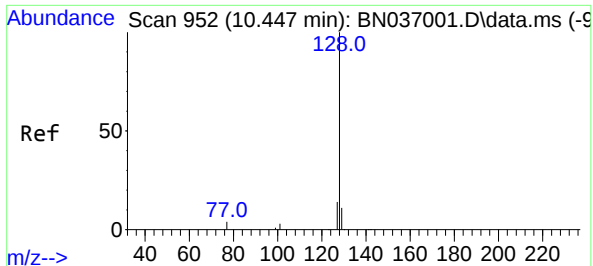
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 6025  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.9  | 10.4  | 15.6  |
| 54       | 13.2  | 8.5   | 12.7# |
| 68       | 8.3   | 5.1   | 7.7#  |



#8  
Nitrobenzene-d5  
Concen: 0.37 ng  
RT: 8.760 min Scan# 794  
Delta R.T. -0.011 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2453  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 32.6  | 34.0  | 51.0# |
| 54       | 72.0  | 55.0  | 82.4  |

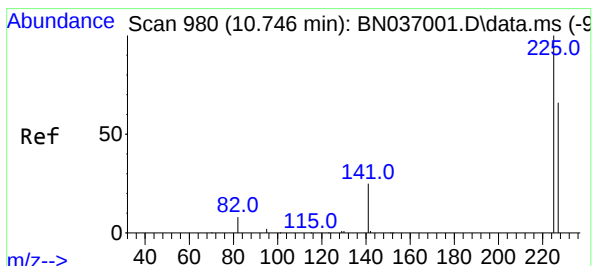
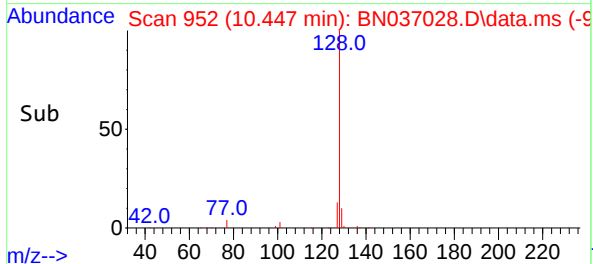
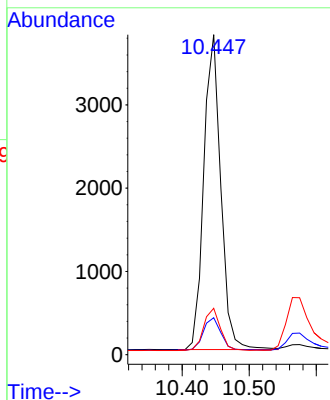
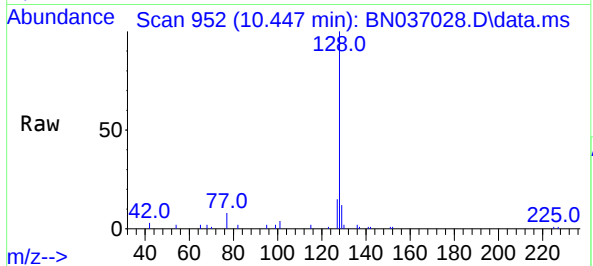




#9  
Naphthalene  
Concen: 0.37 ng  
RT: 10.447 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

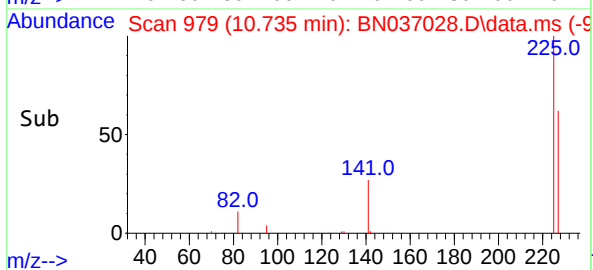
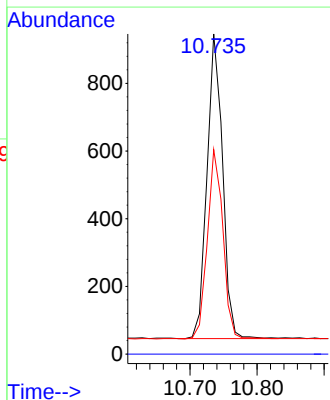
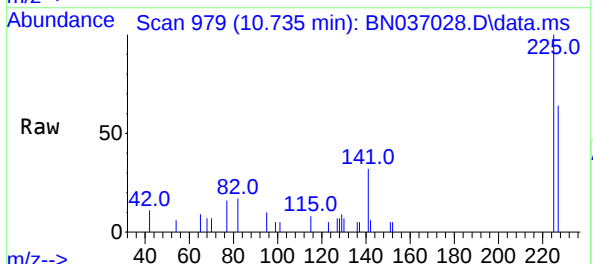
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BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

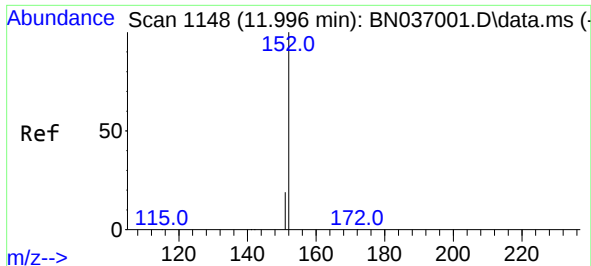
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 6650  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.6  | 9.7   | 14.5  |
| 127      | 14.5  | 12.4  | 18.6  |



#10  
Hexachlorobutadiene  
Concen: 0.39 ng  
RT: 10.735 min Scan# 979  
Delta R.T. -0.011 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1445  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 62.5  | 50.9  | 76.3  |

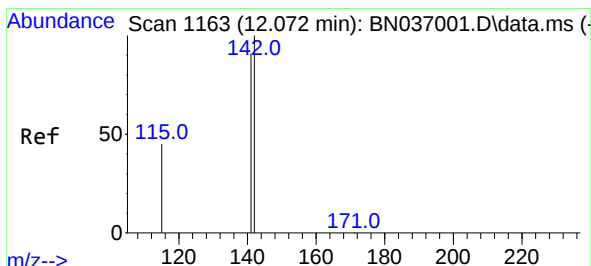
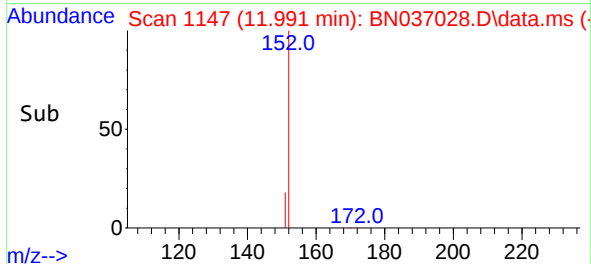
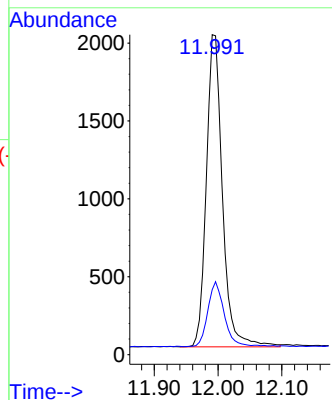
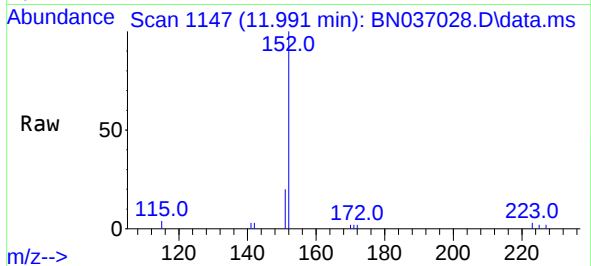




#11  
2-Methylnaphthalene-d10  
Concen: 0.41 ng  
RT: 11.991 min Scan# 1147  
Delta R.T. -0.005 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

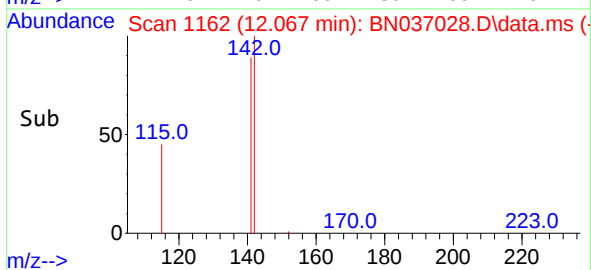
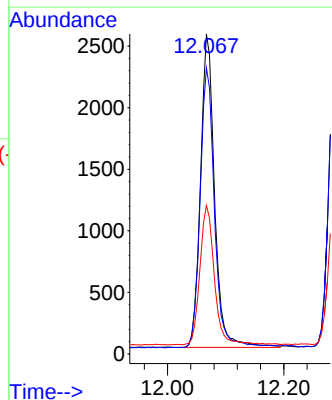
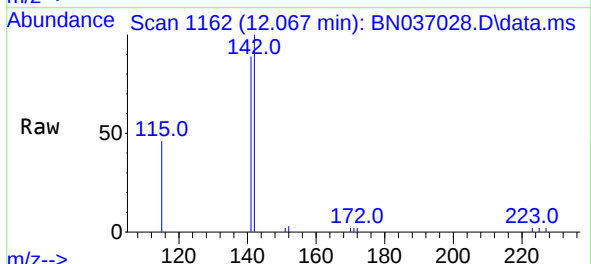
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

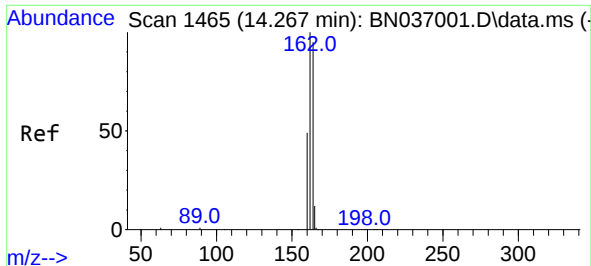
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Ion Ratio Lower Upper  
152 100  
151 21.1 17.5 26.3



#12  
2-Methylnaphthalene  
Concen: 0.37 ng  
RT: 12.067 min Scan# 1162  
Delta R.T. -0.005 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

Tgt Ion:142 Resp: 4293  
Ion Ratio Lower Upper  
142 100  
141 89.3 73.3 109.9  
115 46.4 38.4 57.6

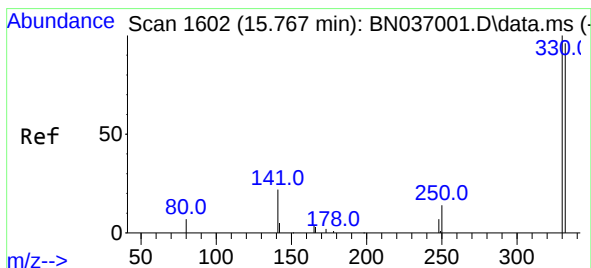
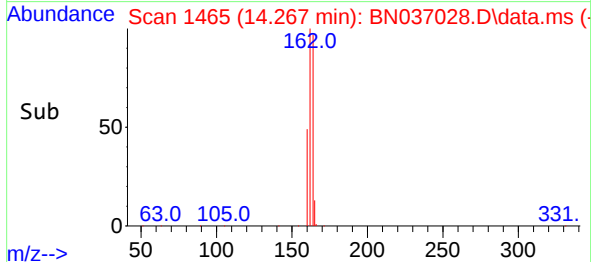
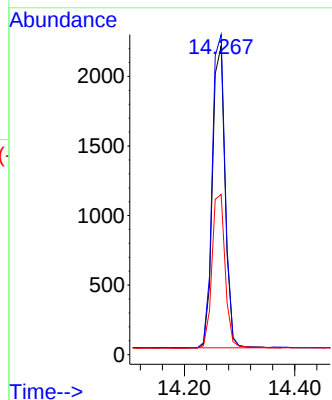
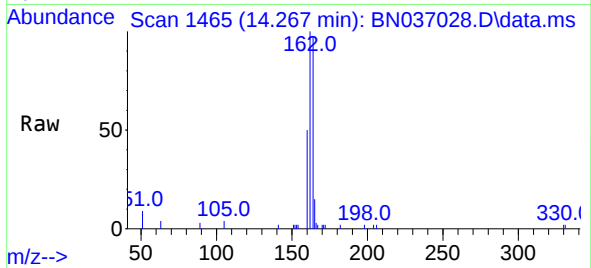




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.267 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

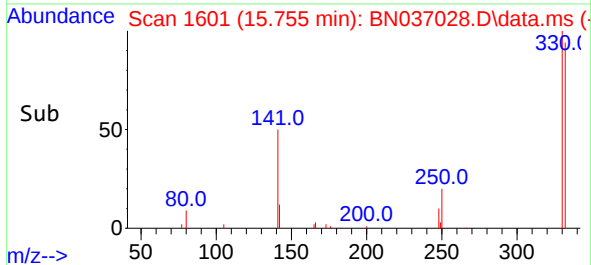
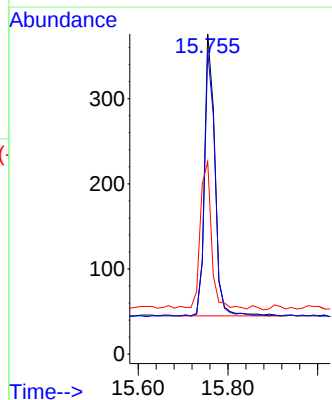
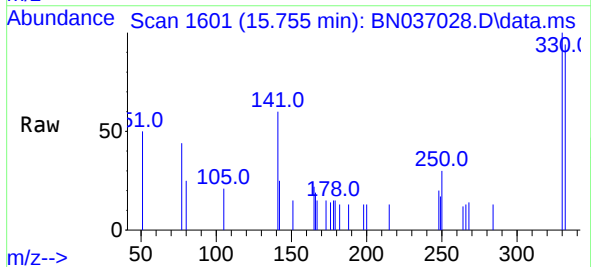
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

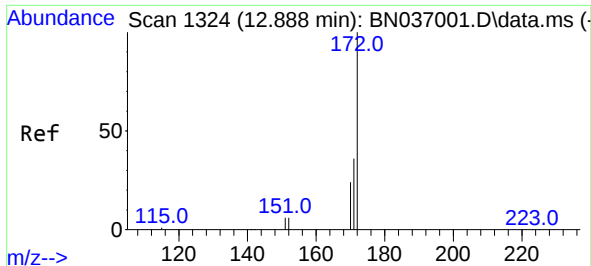
Tgt Ion:164 Resp: 3473  
Ion Ratio Lower Upper  
164 100  
162 103.6 84.2 126.4  
160 51.9 42.6 63.8



#14  
2,4,6-Tribromophenol  
Concen: 0.35 ng  
RT: 15.755 min Scan# 1601  
Delta R.T. -0.012 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

Tgt Ion:330 Resp: 532  
Ion Ratio Lower Upper  
330 100  
332 94.7 73.8 110.8  
141 56.6 43.9 65.9

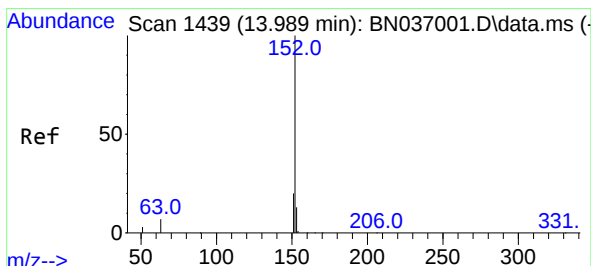
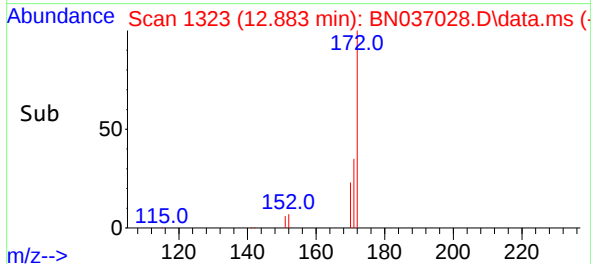
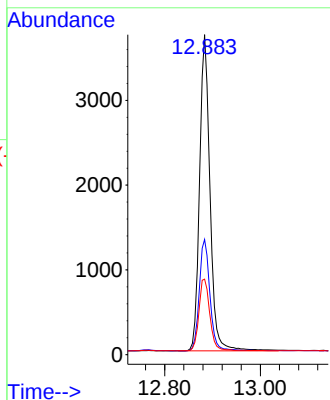
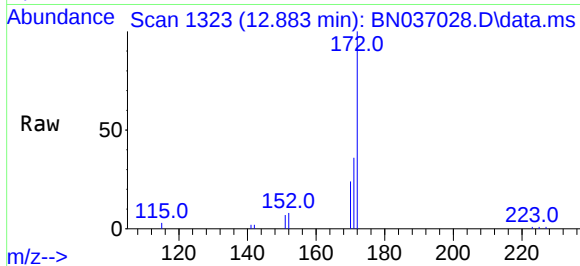




#15  
2-Fluorobiphenyl  
Concen: 0.39 ng  
RT: 12.883 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

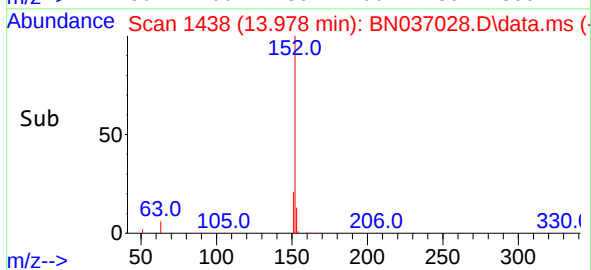
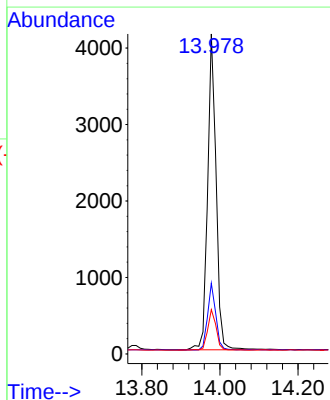
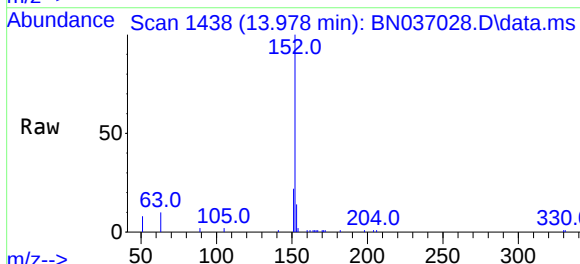
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

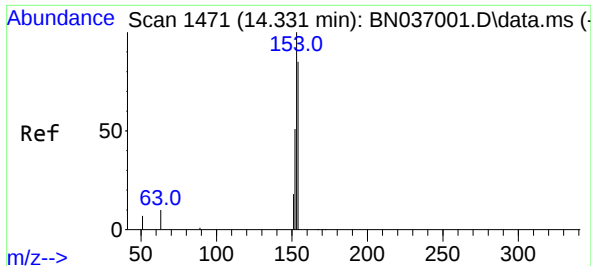
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 6133 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 36.0  | 29.2  | 43.8 |
| 170       | 23.6  | 20.5  | 30.7 |



#16  
Acenaphthylene  
Concen: 0.37 ng  
RT: 13.978 min Scan# 1438  
Delta R.T. -0.011 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 6273 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 20.5  | 16.1  | 24.1 |
| 153       | 12.9  | 10.5  | 15.7 |

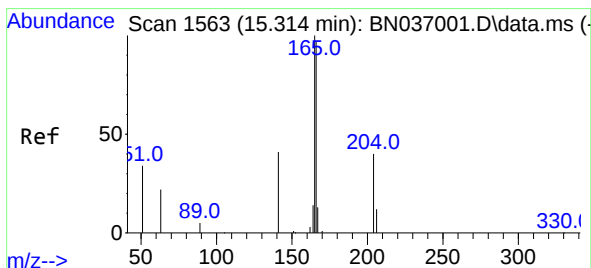
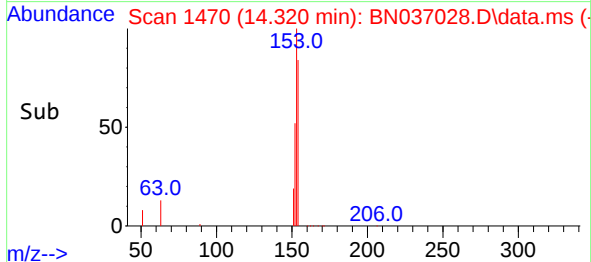
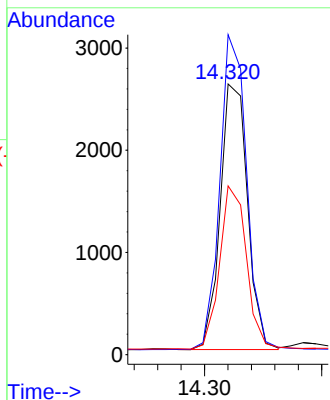
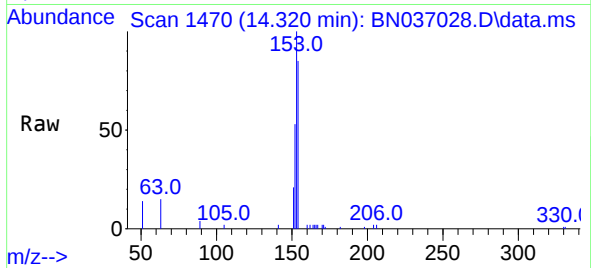




#17  
Acenaphthene  
Concen: 0.38 ng  
RT: 14.320 min Scan# 1470  
Delta R.T. -0.011 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

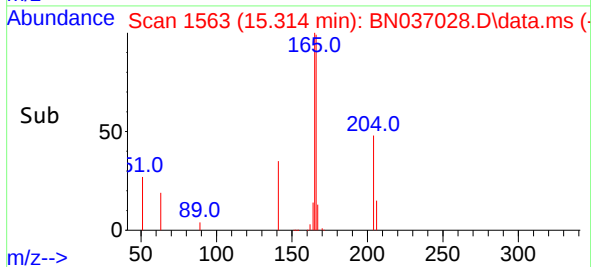
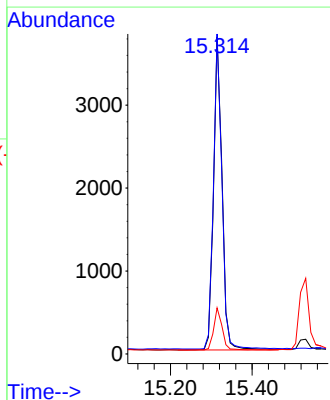
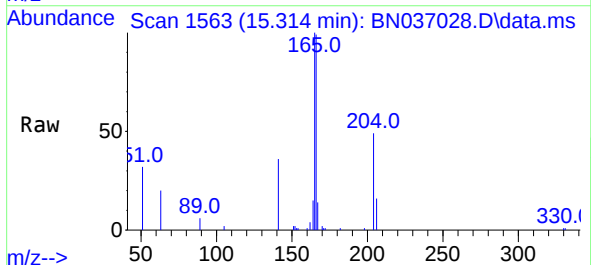
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

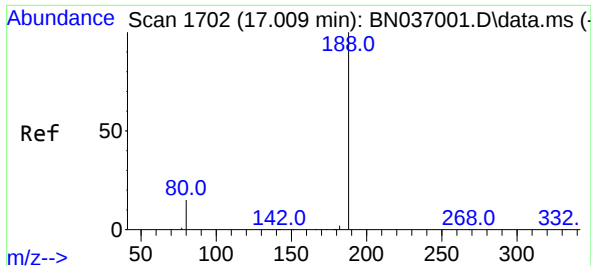
Tgt Ion:154 Resp: 4207  
Ion Ratio Lower Upper  
154 100  
153 116.1 94.2 141.4  
152 61.0 49.4 74.0



#18  
Fluorene  
Concen: 0.38 ng  
RT: 15.314 min Scan# 1563  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

Tgt Ion:166 Resp: 5462  
Ion Ratio Lower Upper  
166 100  
165 99.5 80.6 120.8  
167 13.5 10.6 16.0

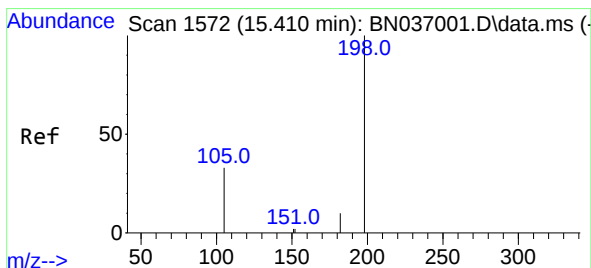
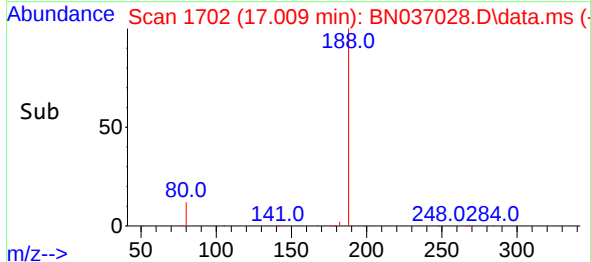
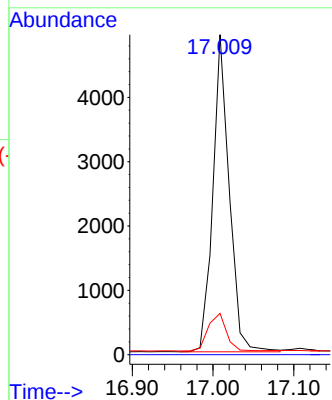
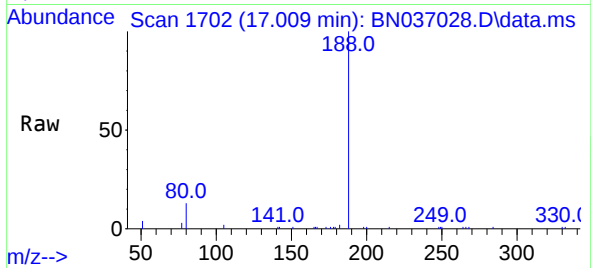




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.009 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

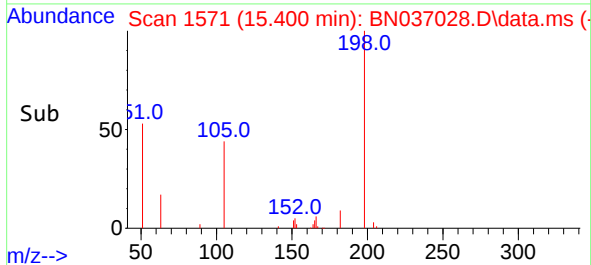
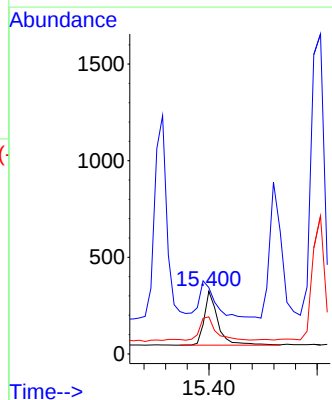
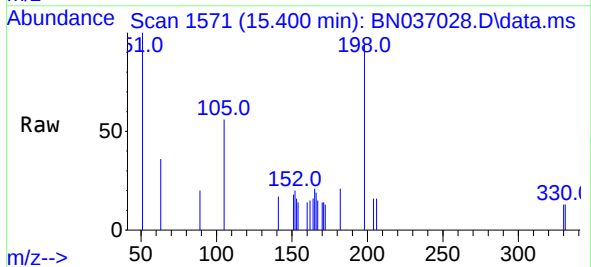
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

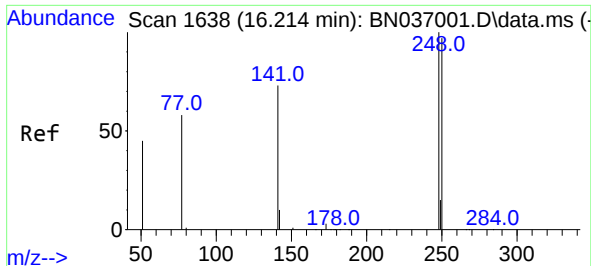
Tgt Ion:188 Resp: 6915  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.9 13.4 20.0#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.38 ng  
RT: 15.400 min Scan# 1571  
Delta R.T. -0.010 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

Tgt Ion:198 Resp: 500  
Ion Ratio Lower Upper  
198 100  
51 105.9 87.8 131.6  
105 59.3 44.2 66.4

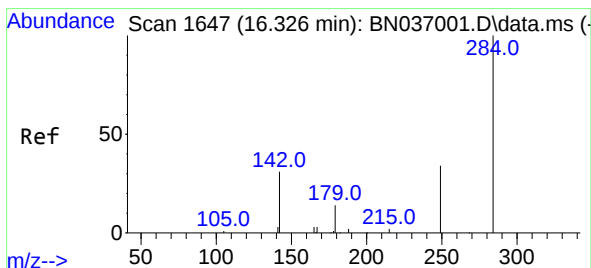
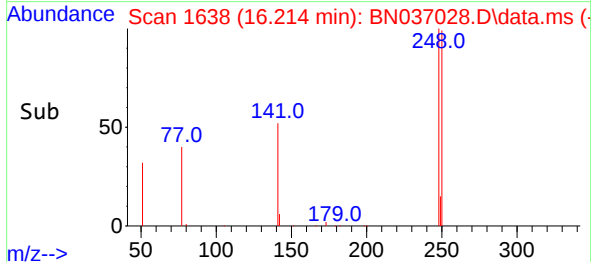
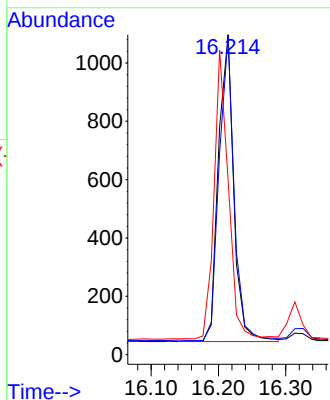
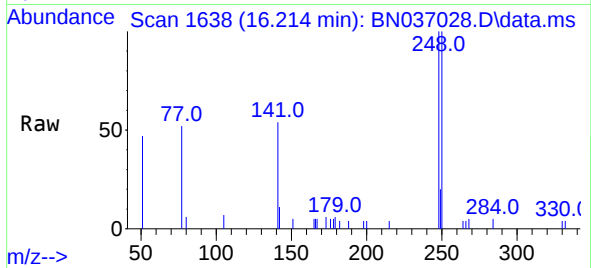




#21  
4-Bromophenyl-phenylether  
Concen: 0.38 ng  
RT: 16.214 min Scan# 1638  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

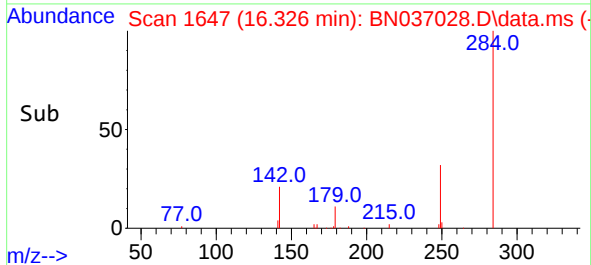
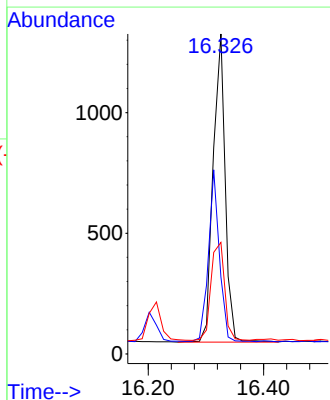
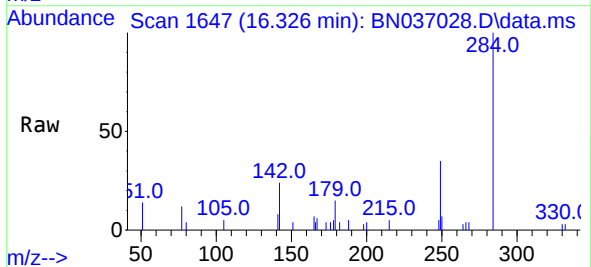
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

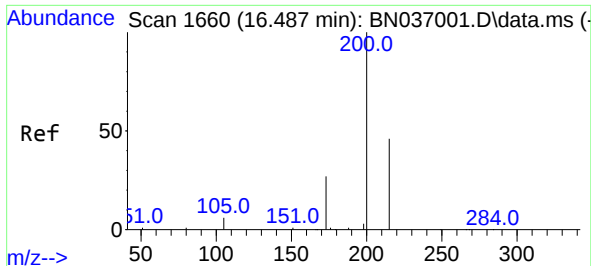
Tgt Ion:248 Resp: 1655  
Ion Ratio Lower Upper  
248 100  
250 99.7 78.1 117.1  
141 54.4 59.7 89.5#



#22  
Hexachlorobenzene  
Concen: 0.39 ng  
RT: 16.326 min Scan# 1647  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

Tgt Ion:284 Resp: 1846  
Ion Ratio Lower Upper  
284 100  
142 50.7 41.2 61.8  
249 36.3 28.7 43.1

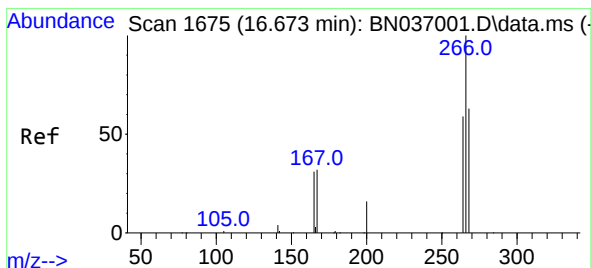
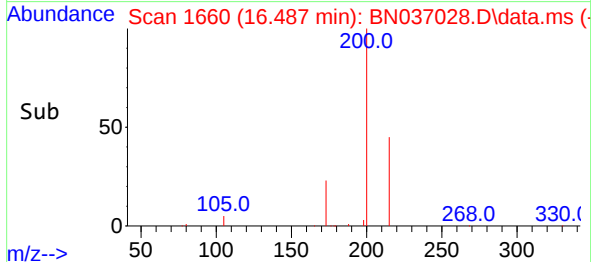
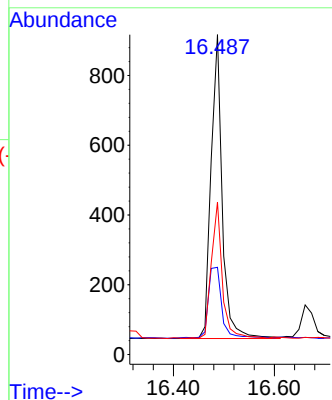
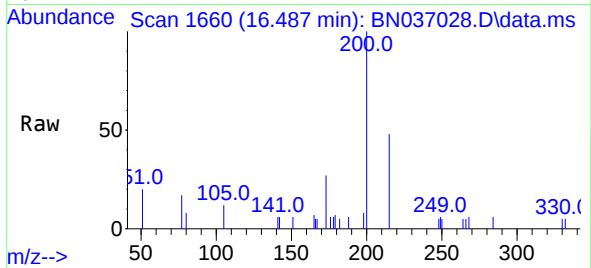




#23  
Atrazine  
Concen: 0.35 ng  
RT: 16.487 min Scan# 1660  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

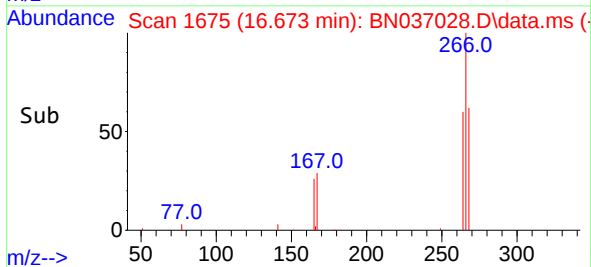
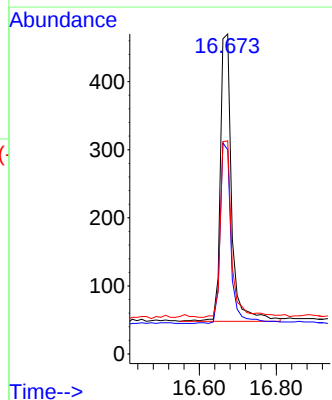
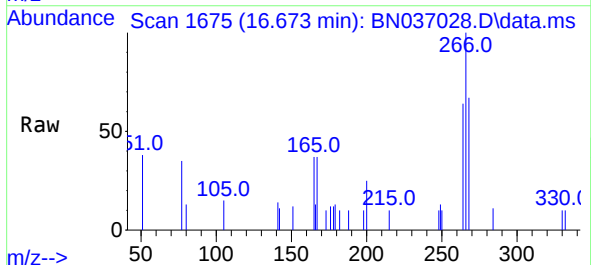
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

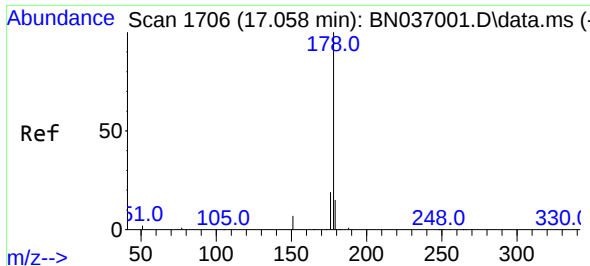
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 1341 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 27.3  | 25.2  | 37.8 |
| 215       | 47.7  | 39.3  | 58.9 |



#24  
Pentachlorophenol  
Concen: 0.33 ng  
RT: 16.673 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 862  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 60.7  | 47.9  | 71.9 |
| 268       | 61.1  | 50.0  | 75.0 |

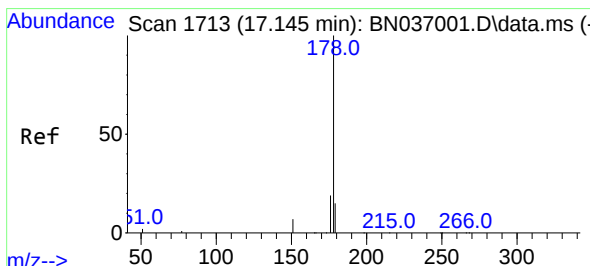
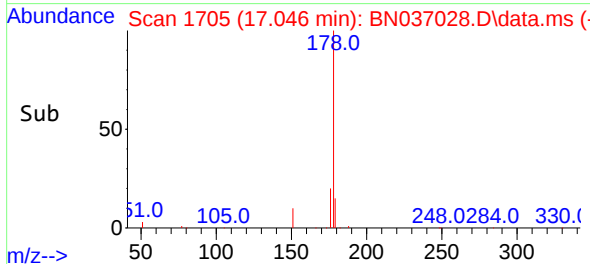
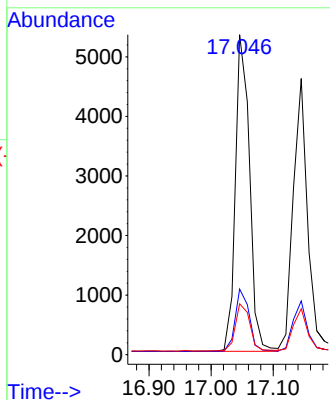
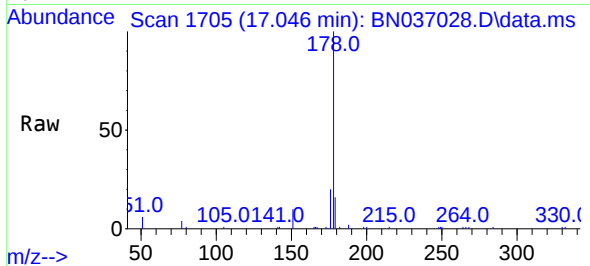




#25  
Phenanthrene  
Concen: 0.37 ng  
RT: 17.046 min Scan# 1706  
Delta R.T. -0.012 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

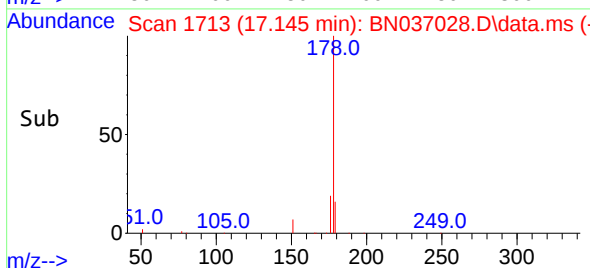
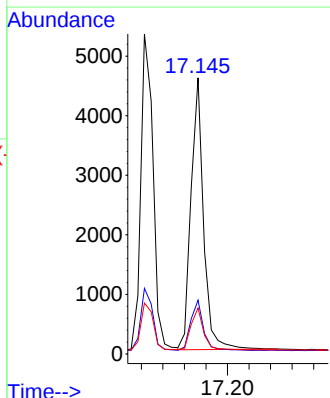
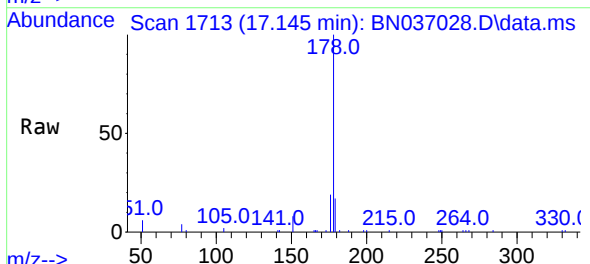
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

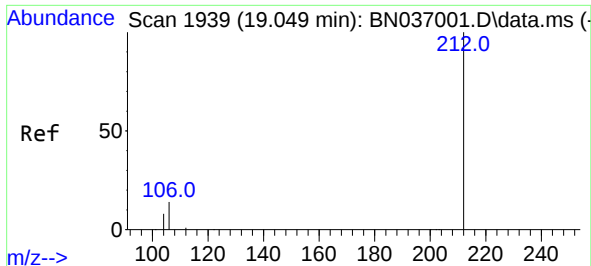
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 8438  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 19.6  | 15.7  | 23.5  |
| 179      | 15.3  | 12.2  | 18.2  |



#26  
Anthracene  
Concen: 0.36 ng  
RT: 17.145 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 7422  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 18.9  | 15.0  | 22.6  |
| 179      | 15.7  | 12.3  | 18.5  |

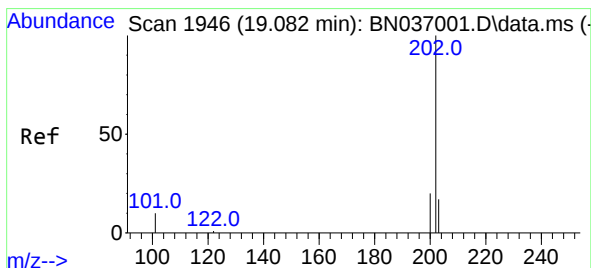
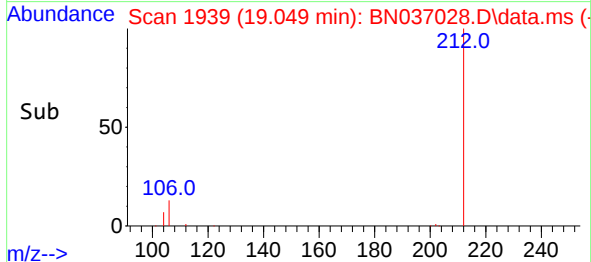
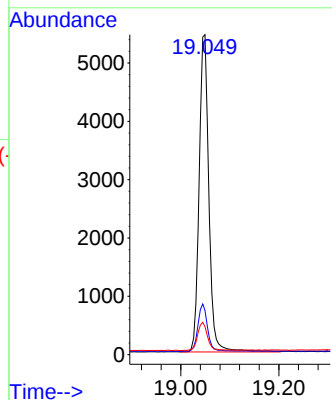
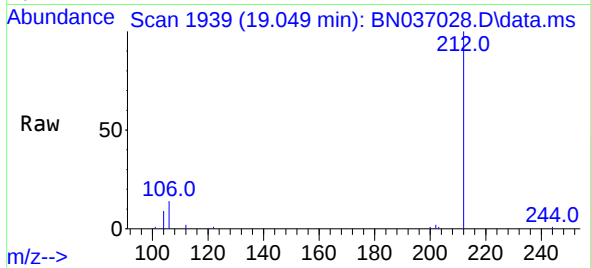




#27  
Fluoranthene-d10  
Concen: 0.39 ng  
RT: 19.049 min Scan# 1939  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

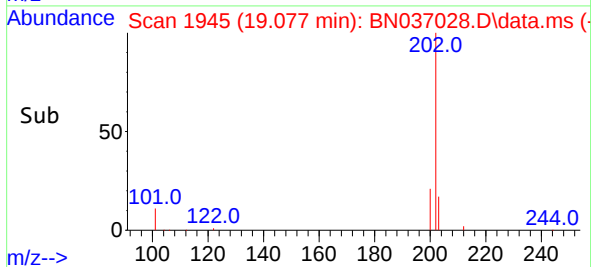
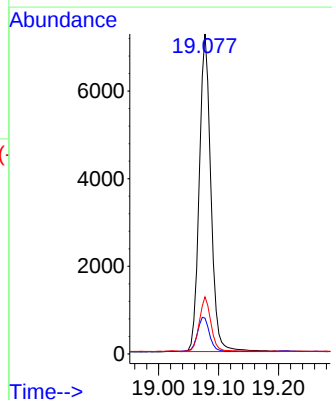
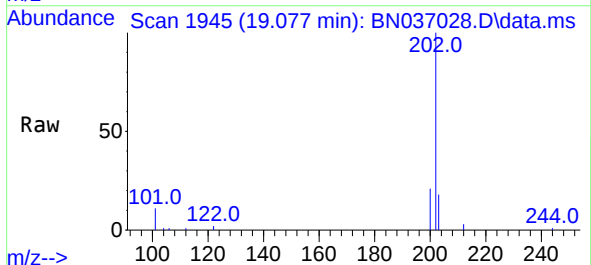
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

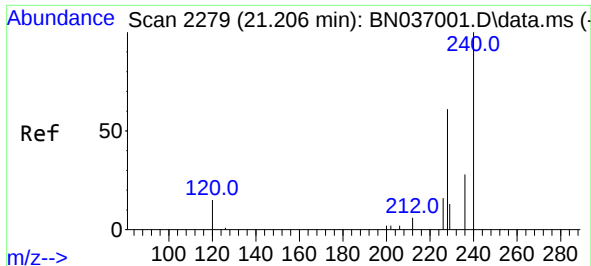
Tgt Ion:212 Resp: 7480  
Ion Ratio Lower Upper  
212 100  
106 14.5 11.3 16.9  
104 9.0 6.7 10.1



#28  
Fluoranthene  
Concen: 0.36 ng  
RT: 19.077 min Scan# 1945  
Delta R.T. -0.005 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

Tgt Ion:202 Resp: 9734  
Ion Ratio Lower Upper  
202 100  
101 11.4 8.9 13.3  
203 17.0 13.8 20.8

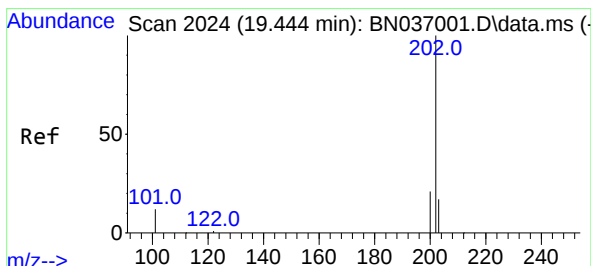
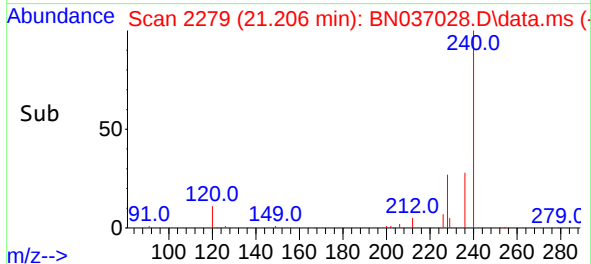
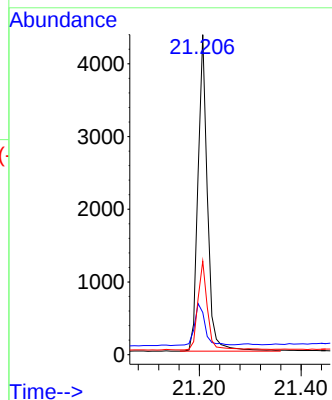
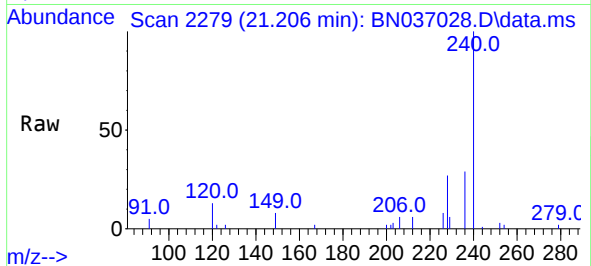




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.206 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

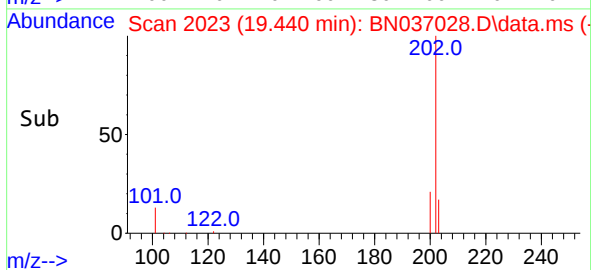
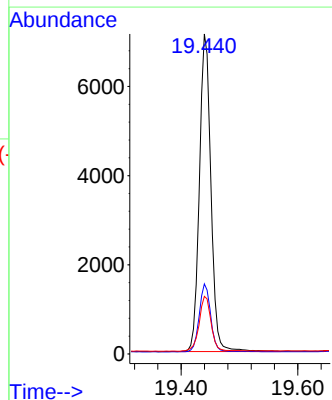
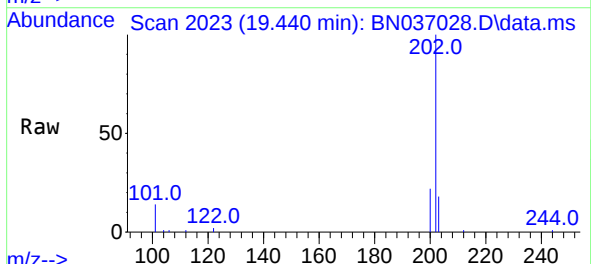
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

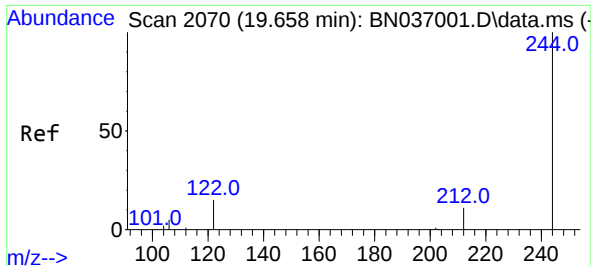
Tgt Ion:240 Resp: 5629  
Ion Ratio Lower Upper  
240 100  
120 13.2 15.1 22.7#  
236 29.3 24.0 36.0



#30  
Pyrene  
Concen: 0.41 ng  
RT: 19.440 min Scan# 2023  
Delta R.T. -0.005 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

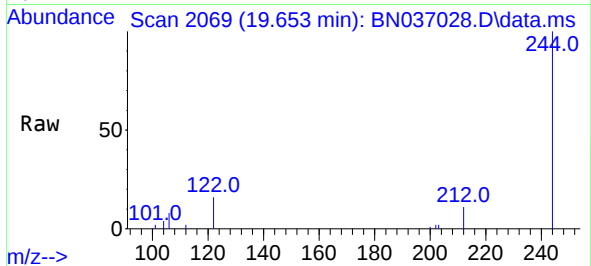
Tgt Ion:202 Resp: 9786  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.1 25.7  
203 18.0 14.2 21.4





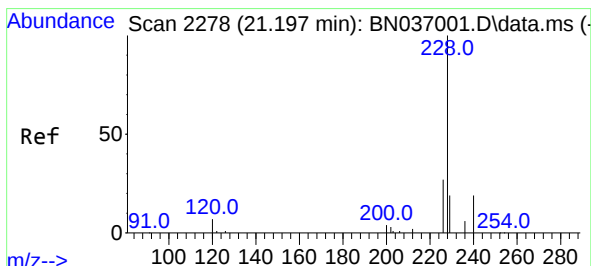
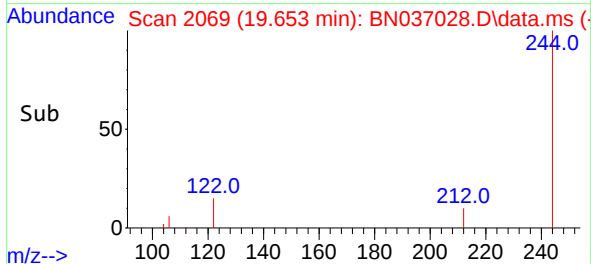
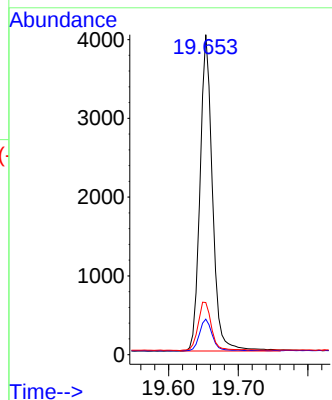
#31  
 Terphenyl-d14  
 Concen: 0.42 ng  
 RT: 19.653 min Scan# 2069  
 Delta R.T. -0.005 min  
 Lab File: BN037028.D  
 Acq: 15 May 2025 11:43

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion:244 Resp: 5004

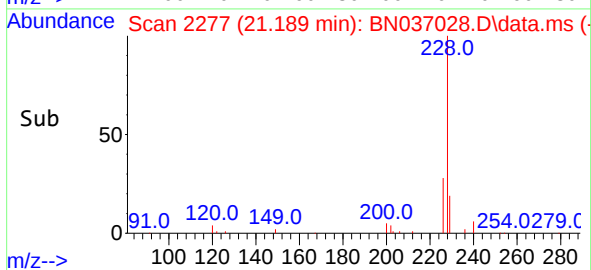
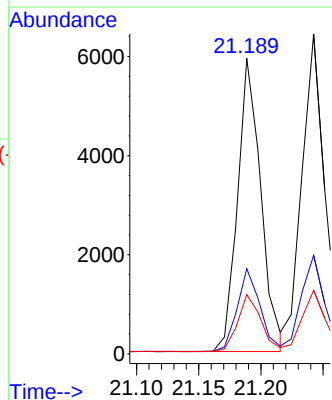
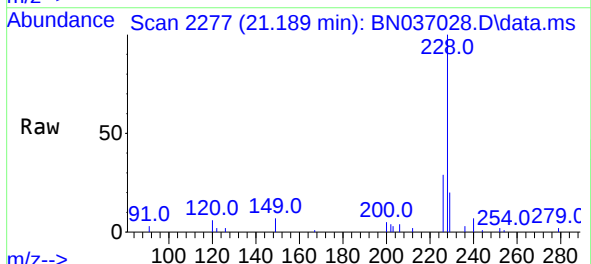
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 11.1  | 9.7   | 14.5  |
| 122 | 16.3  | 13.4  | 20.0  |

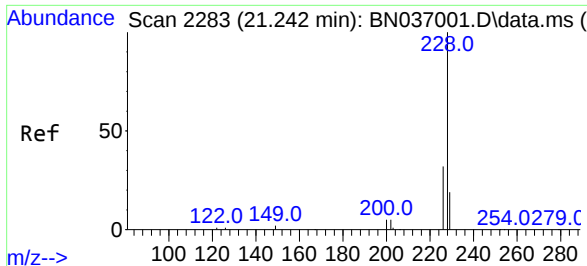


#32  
 Benzo(a)anthracene  
 Concen: 0.36 ng  
 RT: 21.189 min Scan# 2277  
 Delta R.T. -0.009 min  
 Lab File: BN037028.D  
 Acq: 15 May 2025 11:43

Tgt Ion:228 Resp: 7710

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.9  | 22.2  | 33.4  |
| 229 | 20.1  | 16.0  | 24.0  |

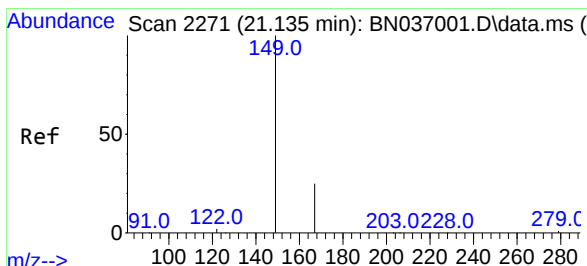
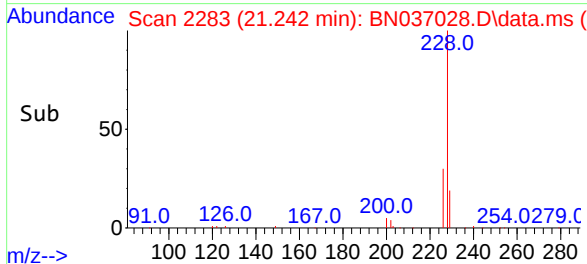
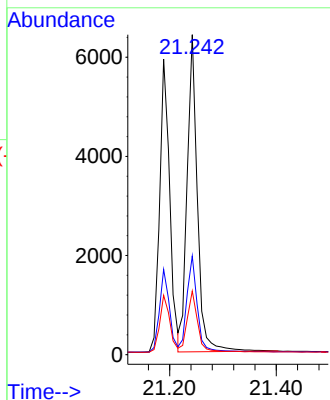
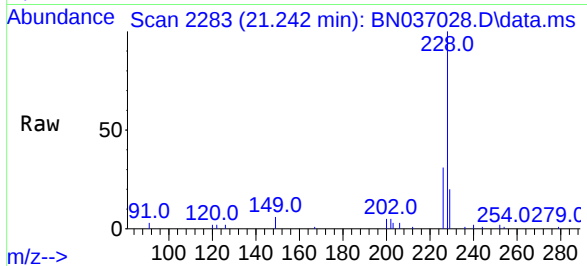




#33  
Chrysene  
Concen: 0.38 ng  
RT: 21.242 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

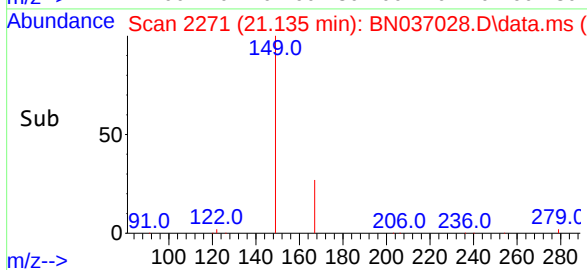
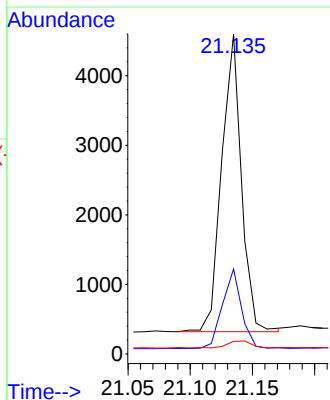
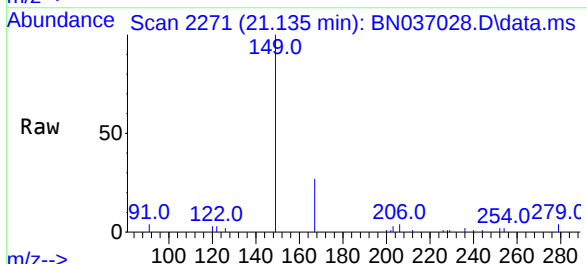
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

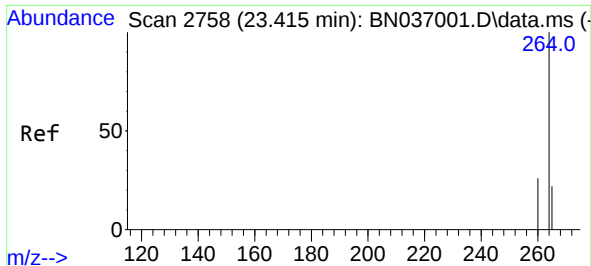
Tgt Ion:228 Resp: 8550  
Ion Ratio Lower Upper  
228 100  
226 30.8 26.3 39.5  
229 19.9 16.2 24.2



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.36 ng  
RT: 21.135 min Scan# 2271  
Delta R.T. 0.000 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

Tgt Ion:149 Resp: 4722  
Ion Ratio Lower Upper  
149 100  
167 25.8 20.6 30.8  
279 3.0 2.6 3.8





#35

Perylene-d12

Concen: 0.40 ng

RT: 23.407 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037028.D

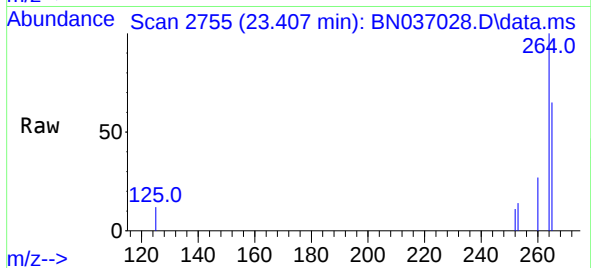
Acq: 15 May 2025 11:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



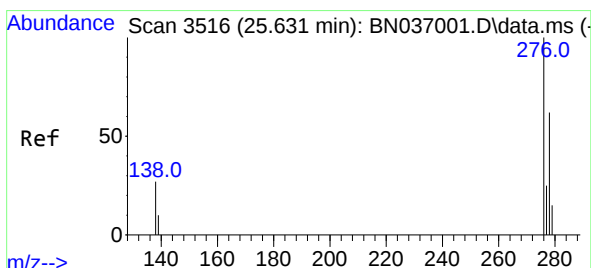
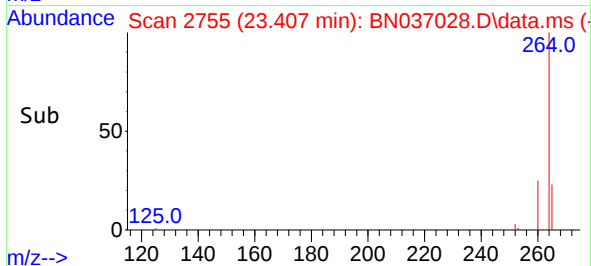
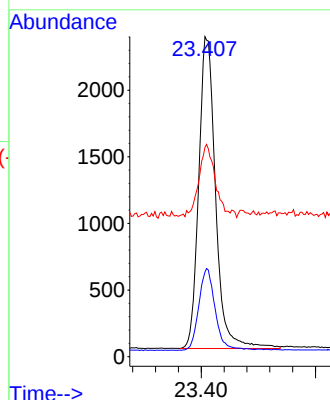
Tgt Ion:264 Resp: 4798

Ion Ratio Lower Upper

264 100

260 26.5 21.9 32.9

265 65.4 51.6 77.4



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.34 ng

RT: 25.620 min Scan# 3512

Delta R.T. -0.012 min

Lab File: BN037028.D

Acq: 15 May 2025 11:43

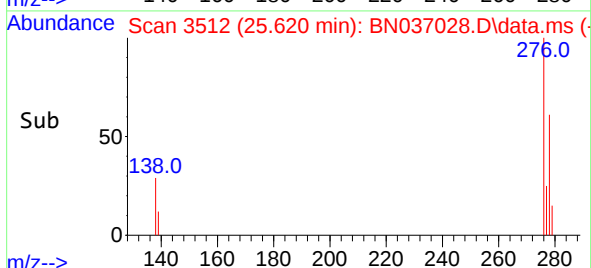
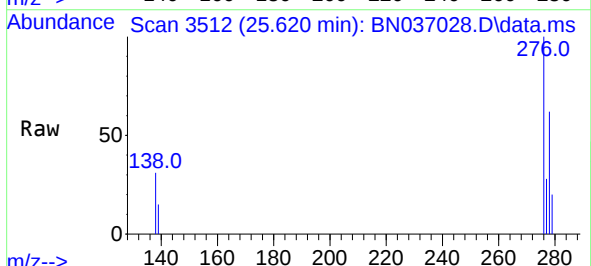
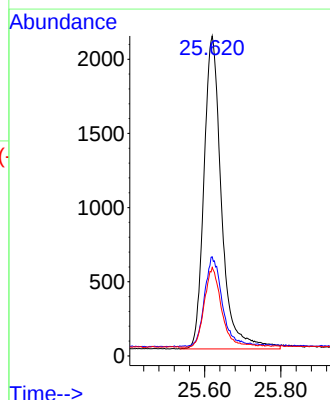
Tgt Ion:276 Resp: 6743

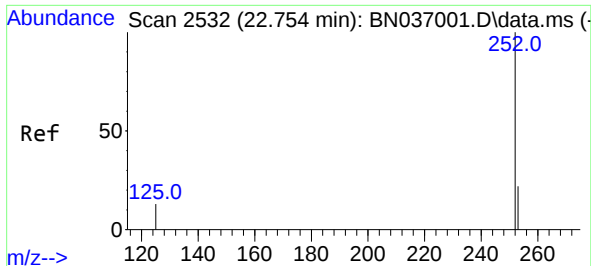
Ion Ratio Lower Upper

276 100

138 28.5 22.7 34.1

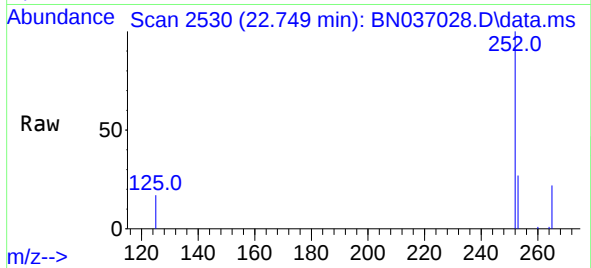
277 25.1 20.0 30.0



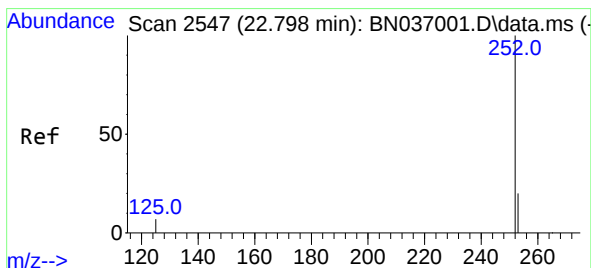
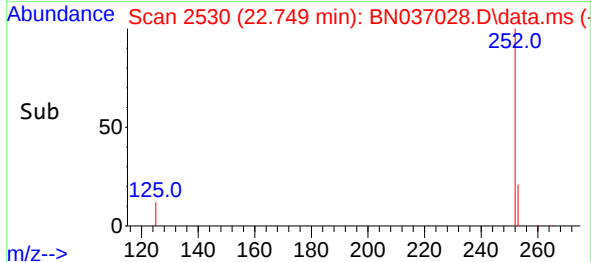
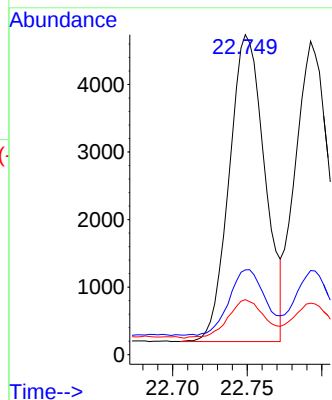


#37  
Benzo(b)fluoranthene  
Concen: 0.38 ng  
RT: 22.749 min Scan# 2530  
Delta R.T. -0.006 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

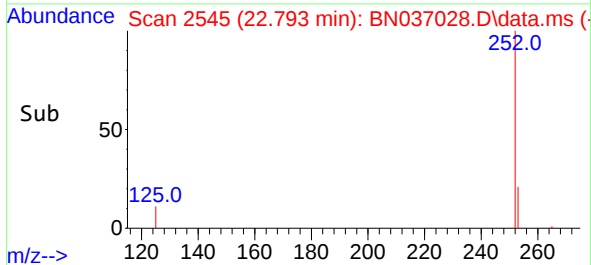
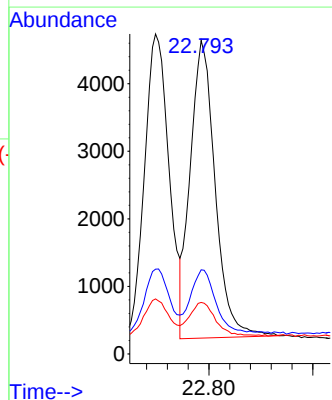
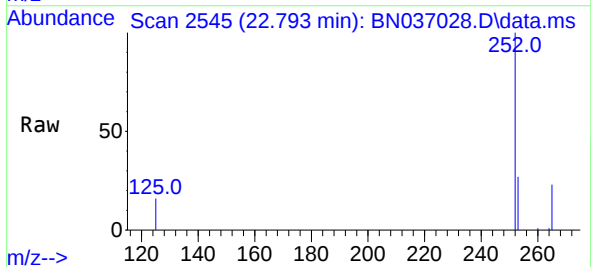


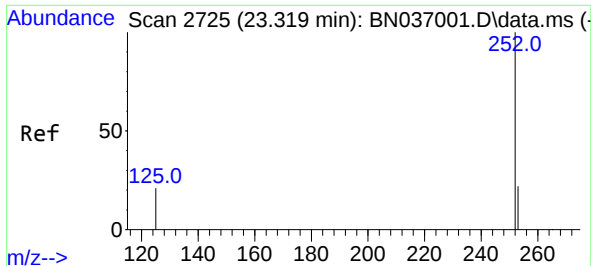
Tgt Ion:252 Resp: 7534  
Ion Ratio Lower Upper  
252 100  
253 26.5 21.8 32.6  
125 17.2 14.6 21.8



#38  
Benzo(k)fluoranthene  
Concen: 0.37 ng  
RT: 22.793 min Scan# 2545  
Delta R.T. -0.006 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

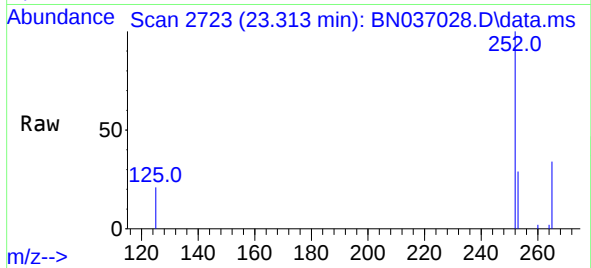
Tgt Ion:252 Resp: 7333  
Ion Ratio Lower Upper  
252 100  
253 26.9 21.4 32.2  
125 16.4 13.0 19.4



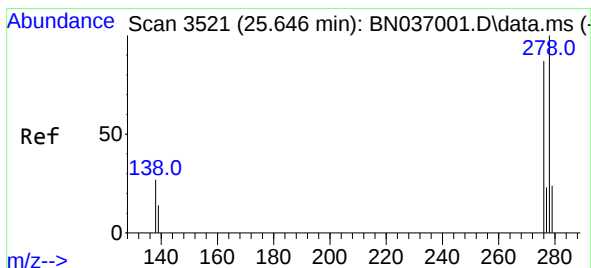
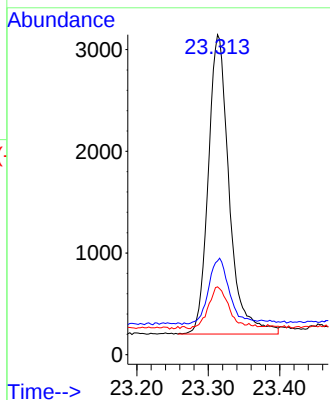


#39  
Benzo(a)pyrene  
Concen: 0.35 ng  
RT: 23.313 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

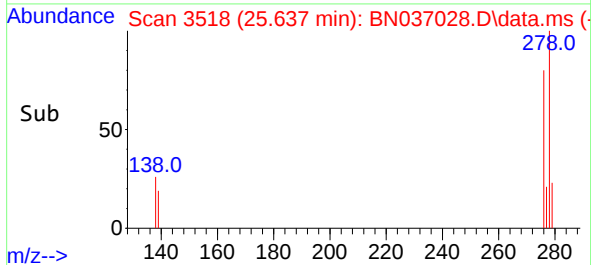
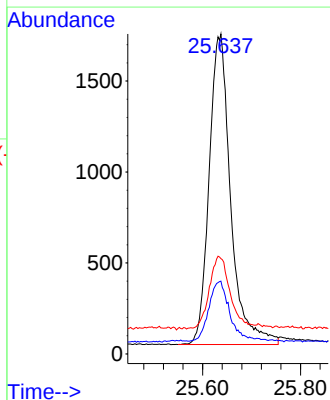
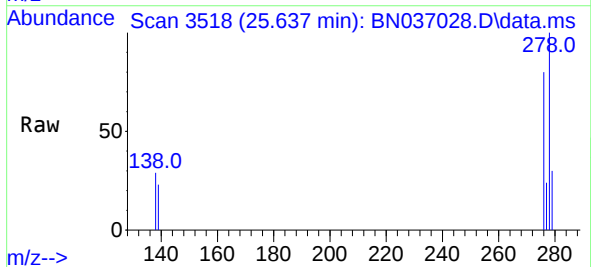


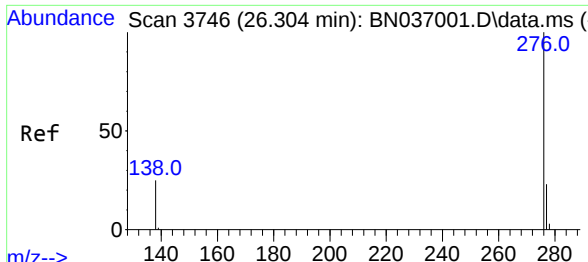
Tgt Ion:252 Resp: 5991  
Ion Ratio Lower Upper  
252 100  
253 29.3 23.8 35.6  
125 21.2 21.8 32.6#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.34 ng  
RT: 25.637 min Scan# 3518  
Delta R.T. -0.009 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

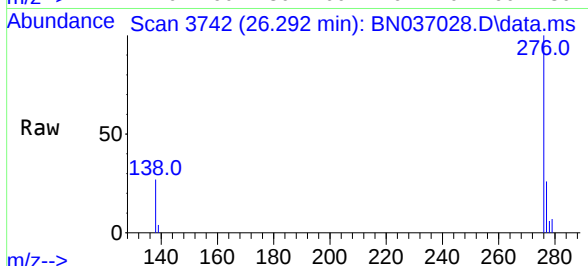
Tgt Ion:278 Resp: 5209  
Ion Ratio Lower Upper  
278 100  
139 22.7 17.4 26.0  
279 29.8 24.6 37.0





#41  
Benzo(g,h,i)perylene  
Concen: 0.35 ng  
RT: 26.292 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BN037028.D  
Acq: 15 May 2025 11:43

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 5828  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 26.1  | 20.2  | 30.4  |
| 138      | 26.9  | 22.0  | 33.0  |

