

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112522\  
 Data File : BN022872.D  
 Acq On : 25 Nov 2022 23:24  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Nov 25 23:55:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 25 22:56:22 2022  
 Response via : Initial Calibration

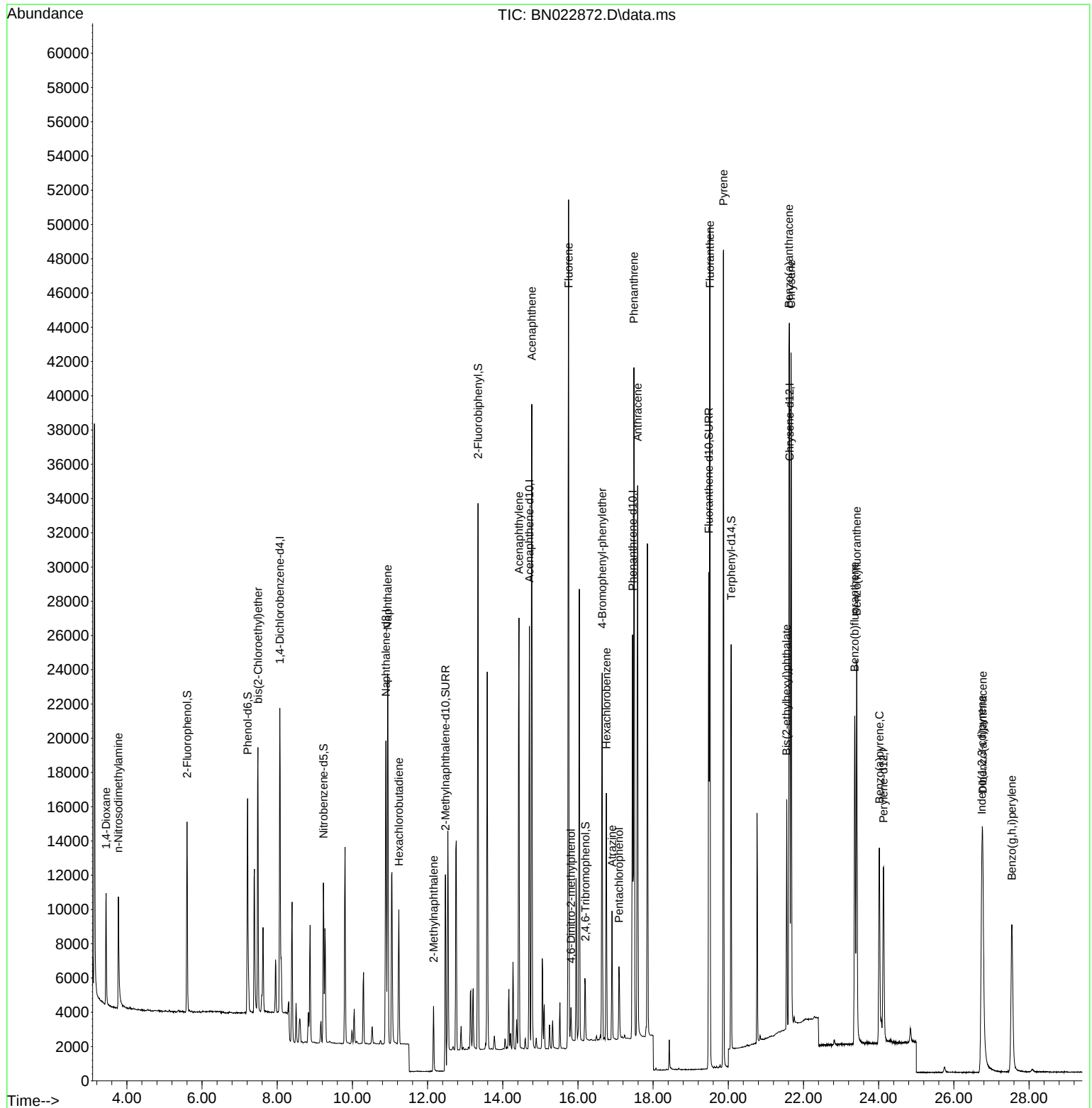
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.071  | 152  | 8393     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.893 | 136  | 23023    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.709 | 164  | 13031    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.452 | 188  | 28417    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.634 | 240  | 19616    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.129 | 264  | 14939    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.601  | 112  | 8798     | 0.403 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.212  | 99   | 11252    | 0.405 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.228  | 82   | 7227     | 0.404 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.477 | 152  | 19773    | 0.396 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.198 | 330  | 2320     | 0.369 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.341 | 172  | 25602    | 0.429 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.481 | 212  | 30765    | 0.399 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.076 | 244  | 19704    | 0.428 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.449  | 88   | 4270     | 0.401 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.774  | 42   | 4187     | 0.365 | ng    | # 100    |
| 6) bis(2-Chloroethyl)ether    | 7.486  | 93   | 10942    | 0.419 | ng    | 99       |
| 9) Naphthalene                | 10.936 | 128  | 29100    | 0.410 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.235 | 225  | 6045     | 0.415 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.159 | 142  | 5358     | 0.370 | ng    | 99       |
| 16) Acenaphthylene            | 14.431 | 152  | 27334    | 0.396 | ng    | 100      |
| 17) Acenaphthene              | 14.773 | 154  | 19001    | 0.419 | ng    | 99       |
| 18) Fluorene                  | 15.751 | 166  | 23862    | 0.410 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.813 | 198  | 1130     | 0.356 | ng    | # 77     |
| 21) 4-Bromophenyl-phenylether | 16.645 | 248  | 8417     | 0.410 | ng    | # 88     |
| 22) Hexachlorobenzene         | 16.757 | 284  | 10663    | 0.426 | ng    | 99       |
| 23) Atrazine                  | 16.906 | 200  | 5331     | 0.369 | ng    | 95       |
| 24) Pentachlorophenol         | 17.092 | 266  | 2258     | 0.329 | ng    | 98       |
| 25) Phenanthrene              | 17.489 | 178  | 41042    | 0.415 | ng    | 100      |
| 26) Anthracene                | 17.588 | 178  | 34156    | 0.398 | ng    | 100      |
| 28) Fluoranthene              | 19.511 | 202  | 42661    | 0.406 | ng    | 100      |
| 30) Pyrene                    | 19.874 | 202  | 43276    | 0.424 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.616 | 228  | 32213    | 0.406 | ng    | 98       |
| 33) Chrysene                  | 21.670 | 228  | 35339    | 0.430 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.554 | 149  | 11612    | 0.365 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.743 | 276  | 24103    | 0.389 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.363 | 252  | 26450    | 0.397 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.416 | 252  | 30828    | 0.427 | ng    | 99       |
| 39) Benzo(a)pyrene            | 24.018 | 252  | 20109    | 0.395 | ng    | 100      |
| 40) Dibenzo(a,h)anthracene    | 26.767 | 278  | 19471    | 0.396 | ng    | 100      |
| 41) Benzo(g,h,i)perylene      | 27.544 | 276  | 20836    | 0.393 | ng    | 99       |

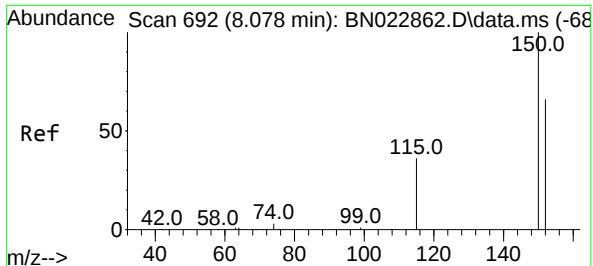
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112522\  
Data File : BN022872.D  
Acq On : 25 Nov 2022 23:24  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

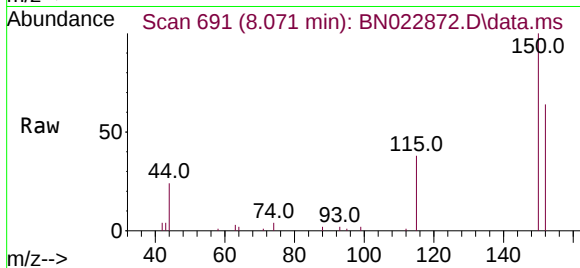
Quant Time: Nov 25 23:55:04 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 25 22:56:22 2022  
Response via : Initial Calibration





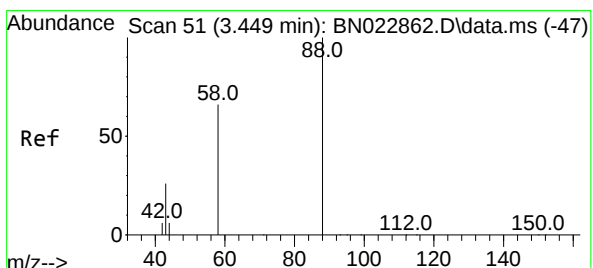
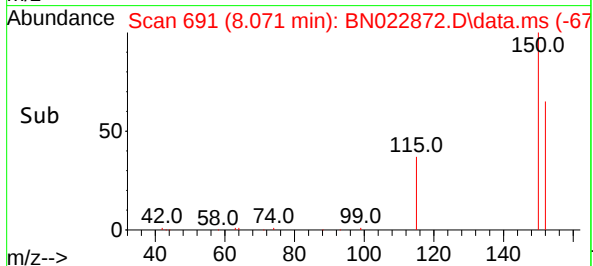
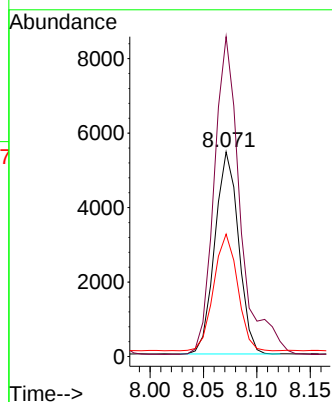
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.071 min Scan# 691  
 Delta R.T. -0.007 min  
 Lab File: BN022872.D  
 Acq: 25 Nov 2022 23:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion:152 Resp: 8393

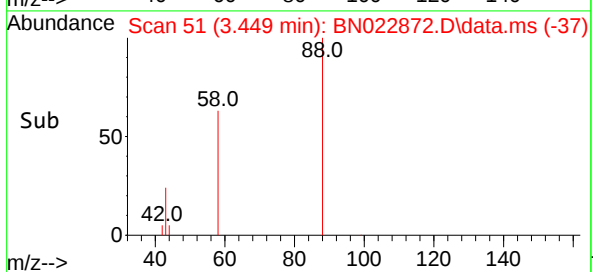
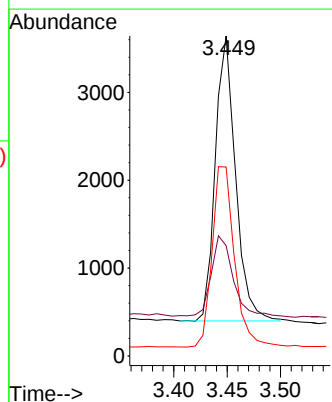
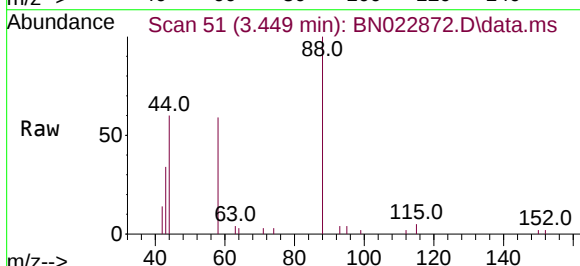
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 156.3 | 121.2 | 181.8 |
| 115 | 59.9  | 46.2  | 69.4  |

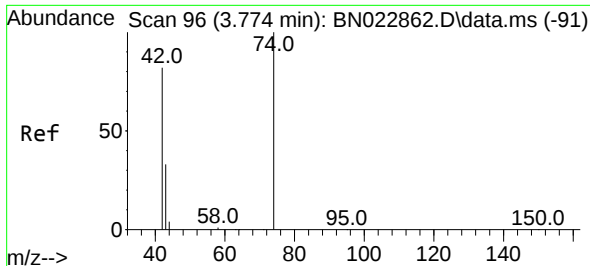


#2  
 1,4-Dioxane  
 Concen: 0.401 ng  
 RT: 3.449 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: BN022872.D  
 Acq: 25 Nov 2022 23:24

Tgt Ion: 88 Resp: 4270

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 29.2  | 25.4  | 38.2  |
| 58  | 70.1  | 56.5  | 84.7  |

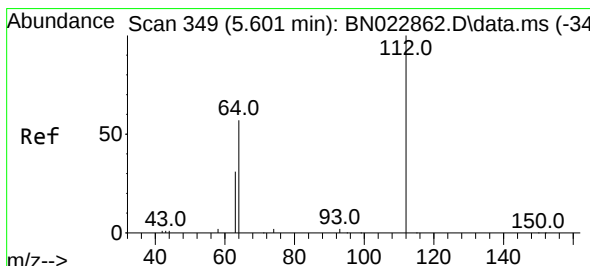
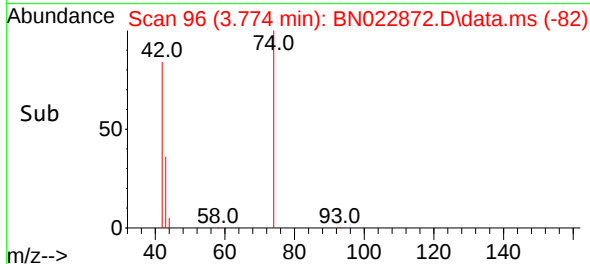
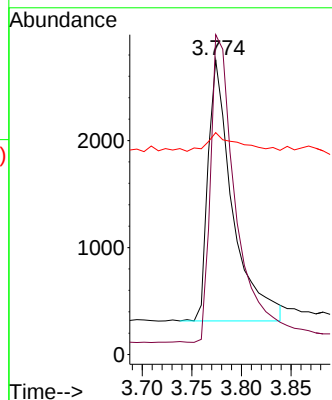
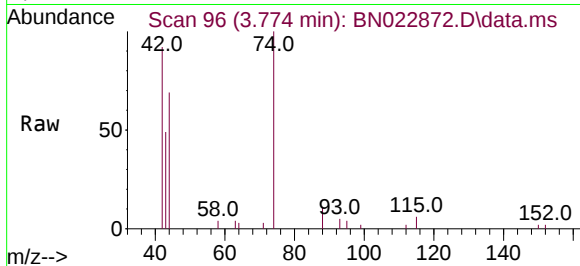




#3  
 n-Nitrosodimethylamine  
 Concen: 0.365 ng  
 RT: 3.774 min Scan# 96  
 Delta R.T. 0.000 min  
 Lab File: BN022872.D  
 Acq: 25 Nov 2022 23:24

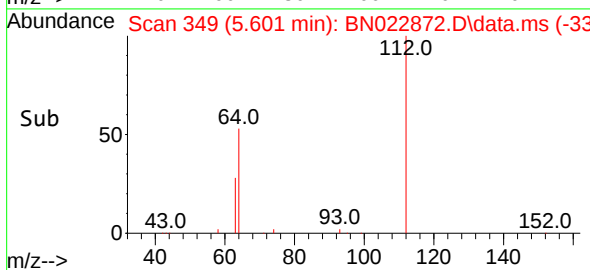
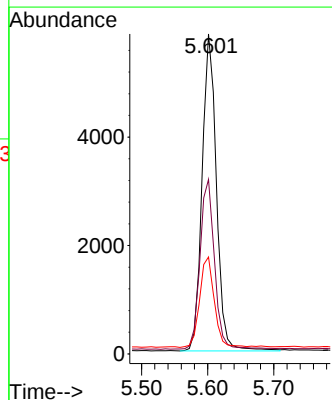
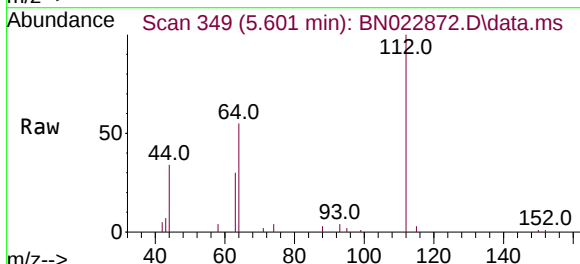
Instrument :  
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 ClientSampleId :  
 SSTDCCC0.4EC

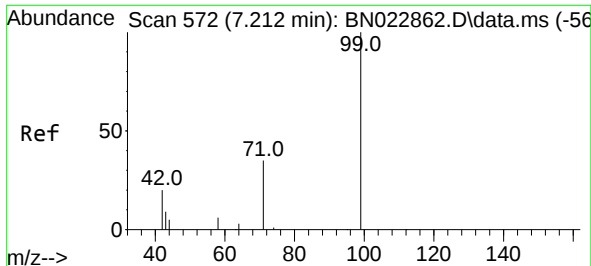
Tgt Ion: 42 Resp: 4187  
 Ion Ratio Lower Upper  
 42 100  
 74 123.9 99.3 148.9  
 44 8.7 5.4 8.2#



#4  
 2-Fluorophenol  
 Concen: 0.403 ng  
 RT: 5.601 min Scan# 349  
 Delta R.T. 0.000 min  
 Lab File: BN022872.D  
 Acq: 25 Nov 2022 23:24

Tgt Ion: 112 Resp: 8798  
 Ion Ratio Lower Upper  
 112 100  
 64 54.7 43.4 65.2  
 63 29.1 23.4 35.2

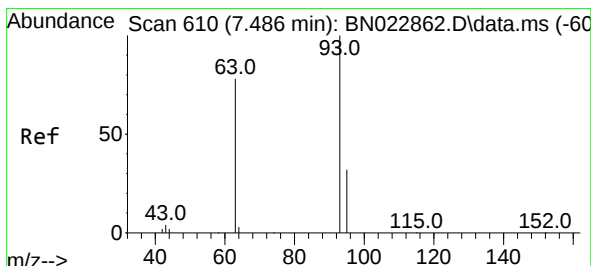
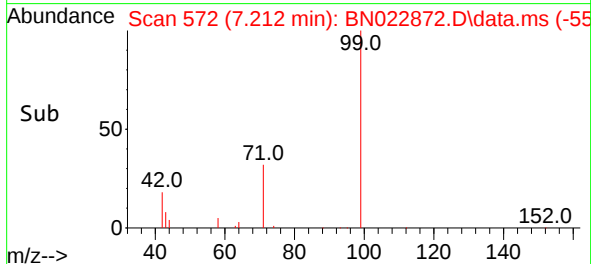
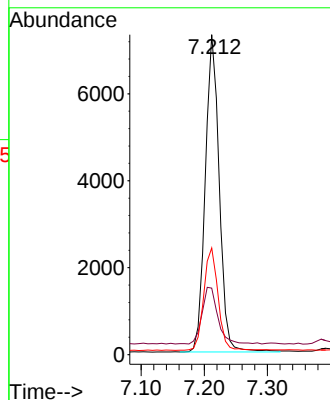
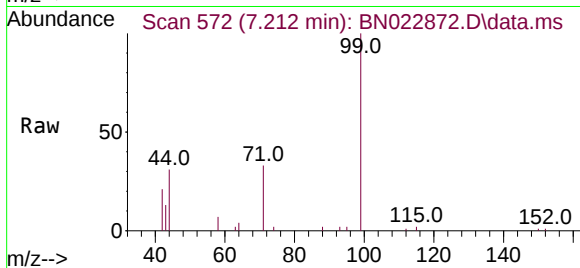




#5  
Phenol-d6  
Concen: 0.405 ng  
RT: 7.212 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

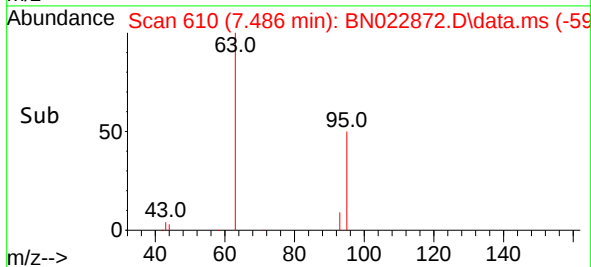
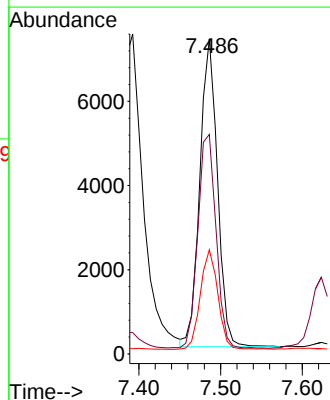
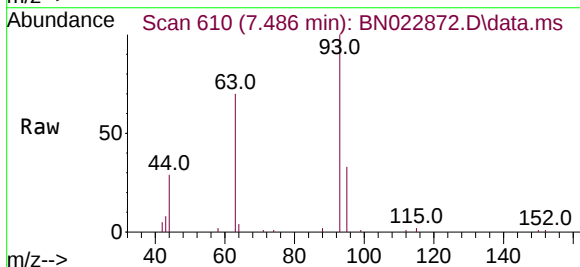
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

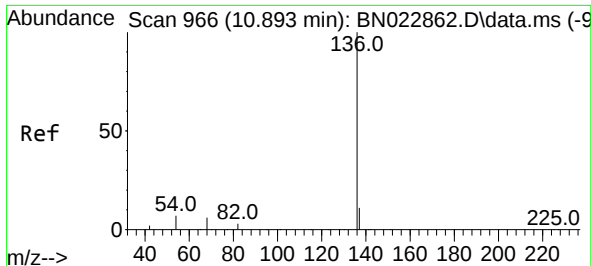
Tgt Ion: 99 Resp: 11252  
Ion Ratio Lower Upper  
99 100  
42 20.0 16.0 24.0  
71 32.8 26.8 40.2



#6  
bis(2-Chloroethyl)ether  
Concen: 0.419 ng  
RT: 7.486 min Scan# 610  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

Tgt Ion: 93 Resp: 10942  
Ion Ratio Lower Upper  
93 100  
63 72.0 58.3 87.5  
95 32.2 25.8 38.6

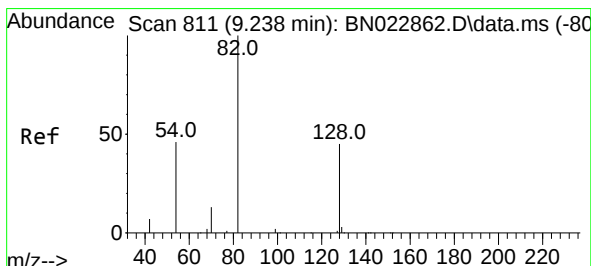
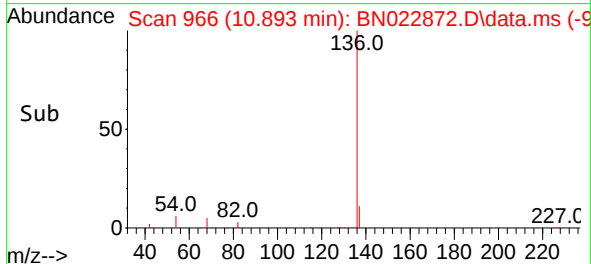
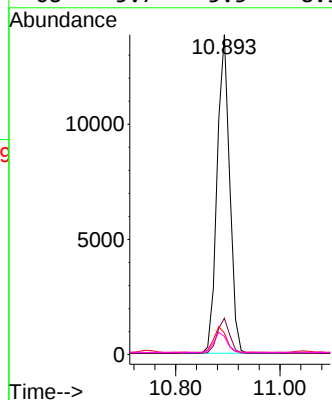
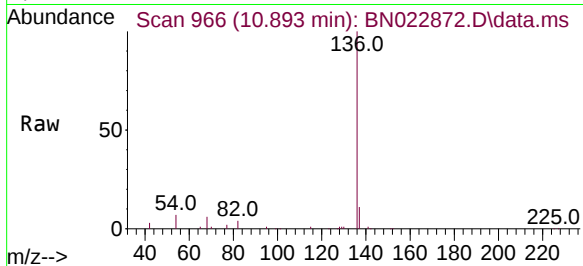




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.893 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

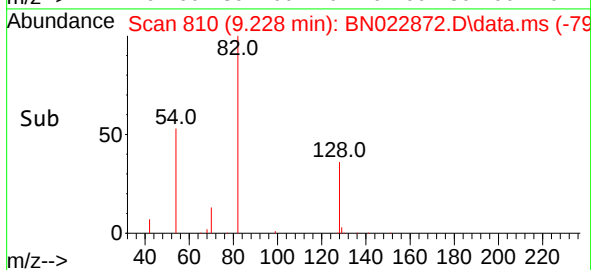
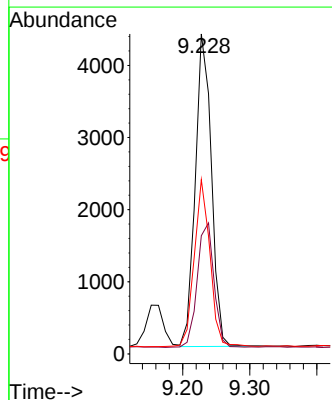
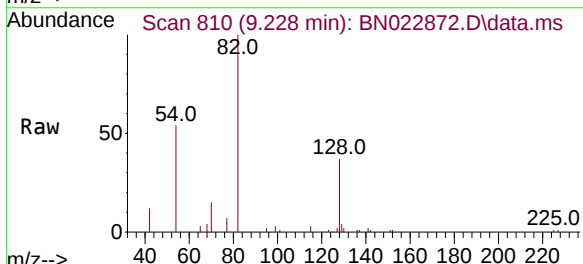
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

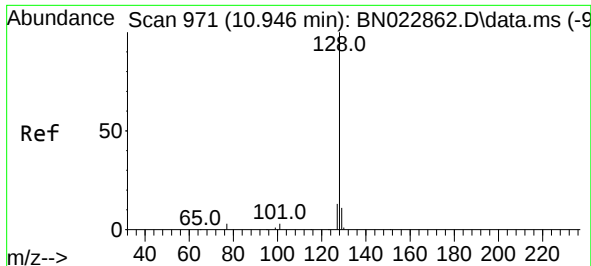
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 23023 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.4  | 9.0   | 13.4  |
| 54        | 6.7   | 6.6   | 9.8   |
| 68        | 5.7   | 5.5   | 8.3   |



#8  
Nitrobenzene-d5  
Concen: 0.404 ng  
RT: 9.228 min Scan# 810  
Delta R.T. -0.010 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 7227 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 36.9  | 36.6  | 54.8 |
| 54        | 54.4  | 38.5  | 57.7 |

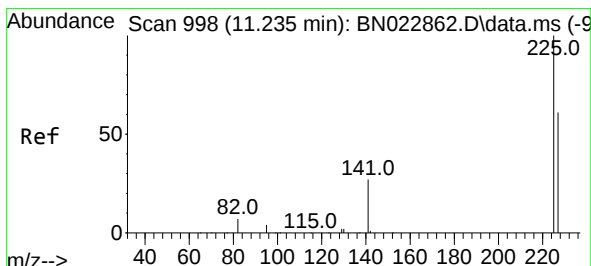
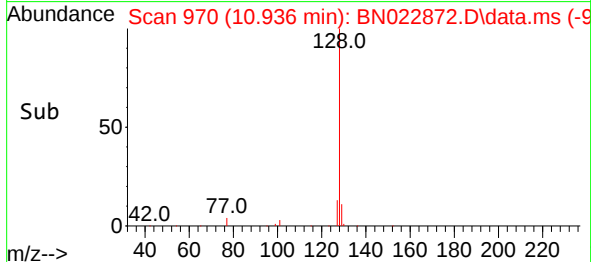
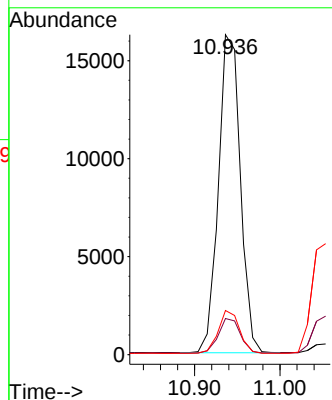
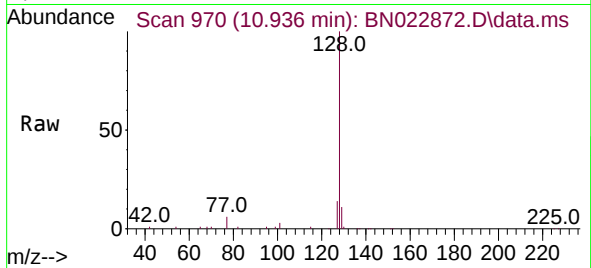




#9  
Naphthalene  
Concen: 0.410 ng  
RT: 10.936 min Scan# 91  
Delta R.T. -0.010 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

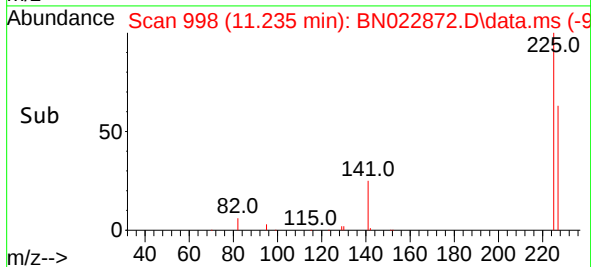
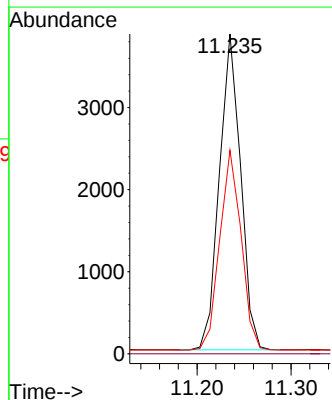
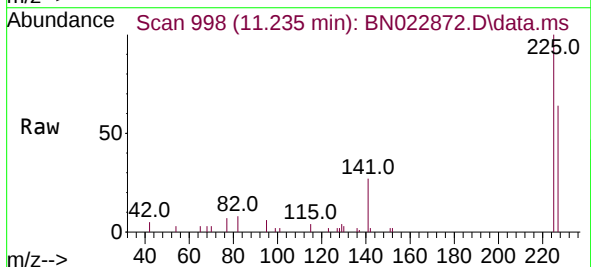
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BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

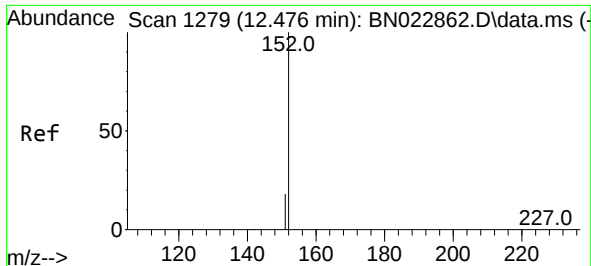
Tgt Ion:128 Resp: 29100  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.4  
127 13.8 10.8 16.2



#10  
Hexachlorobutadiene  
Concen: 0.415 ng  
RT: 11.235 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

Tgt Ion:225 Resp: 6045  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.6 50.8 76.2

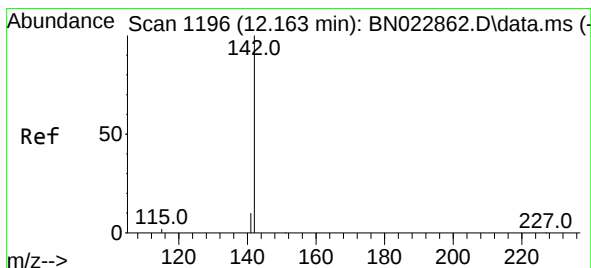
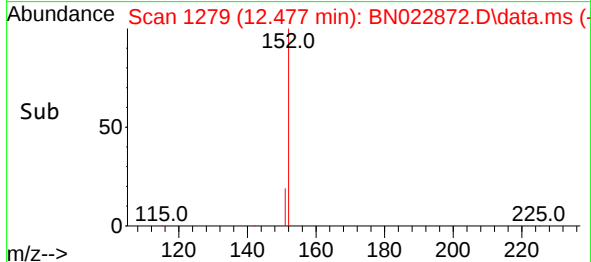
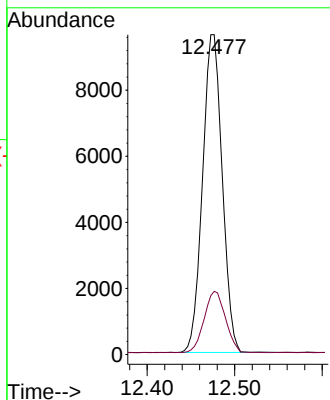
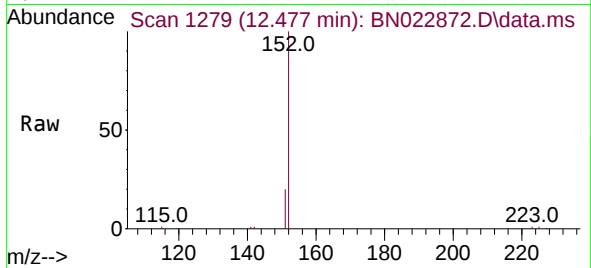




#11  
2-Methylnaphthalene-d10  
Concen: 0.396 ng  
RT: 12.477 min Scan# 1195  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

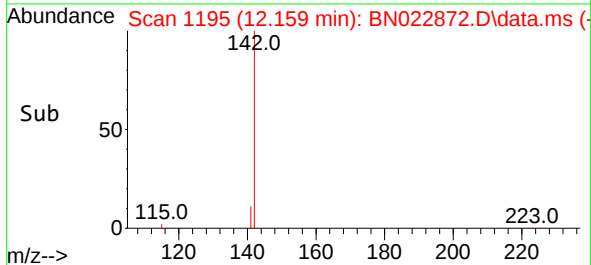
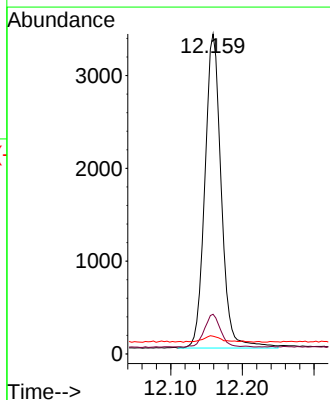
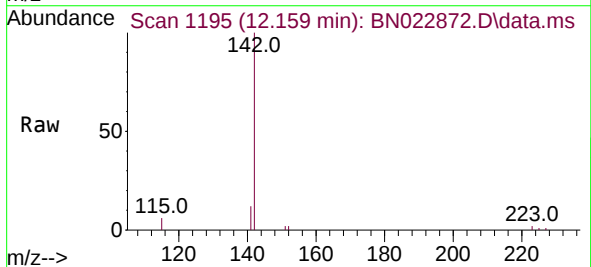
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

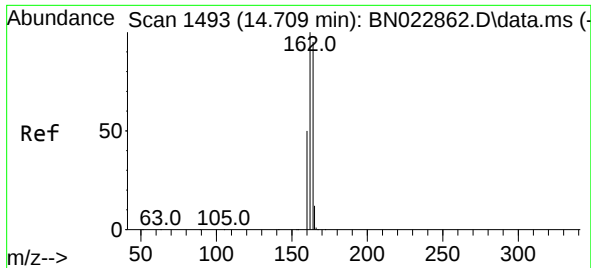
Tgt Ion:152 Resp: 19773  
Ion Ratio Lower Upper  
152 100  
151 19.6 18.6 27.8



#12  
2-Methylnaphthalene  
Concen: 0.370 ng  
RT: 12.159 min Scan# 1195  
Delta R.T. -0.004 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

Tgt Ion:142 Resp: 5358  
Ion Ratio Lower Upper  
142 100  
141 12.4 10.1 15.1  
115 5.5 4.6 7.0

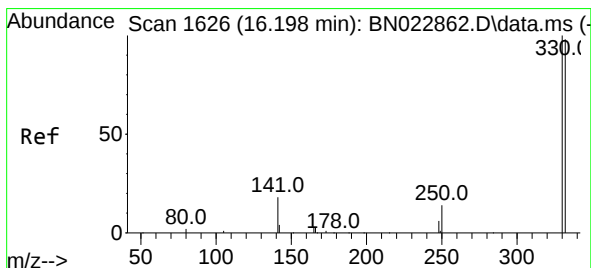
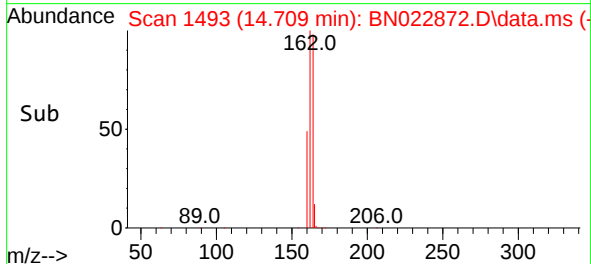
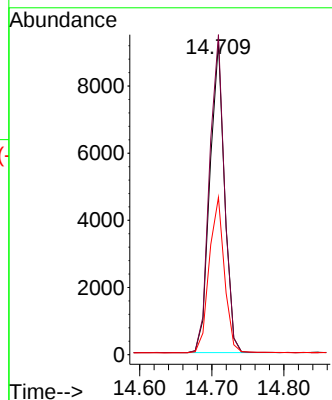
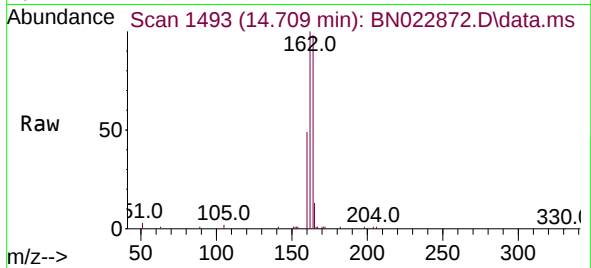




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.709 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

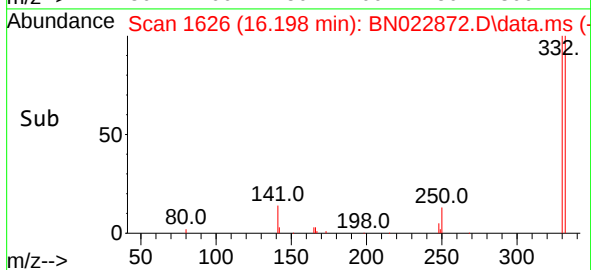
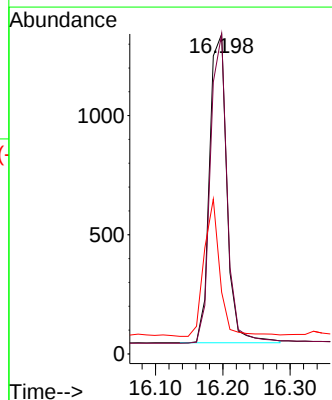
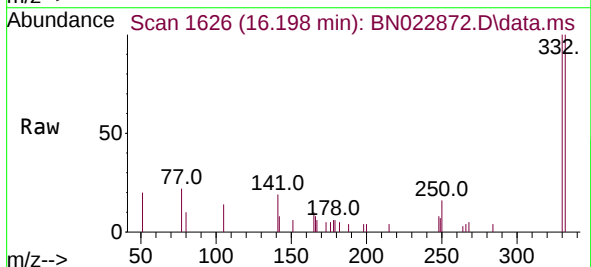
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

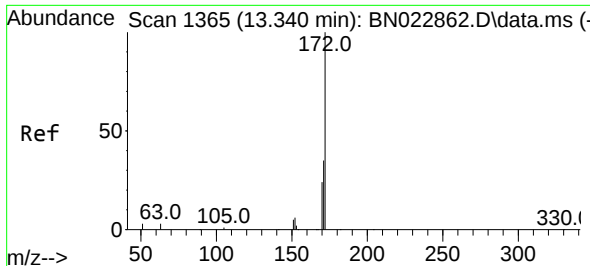
Tgt Ion:164 Resp: 13031  
Ion Ratio Lower Upper  
164 100  
162 102.4 84.2 126.4  
160 50.3 42.5 63.7



#14  
2,4,6-Tribromophenol  
Concen: 0.369 ng  
RT: 16.198 min Scan# 1626  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

Tgt Ion:330 Resp: 2320  
Ion Ratio Lower Upper  
330 100  
332 97.3 76.5 114.7  
141 40.7 32.6 48.8

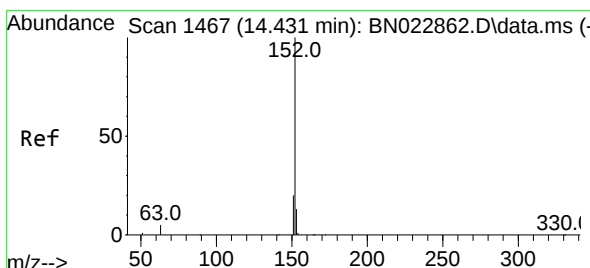
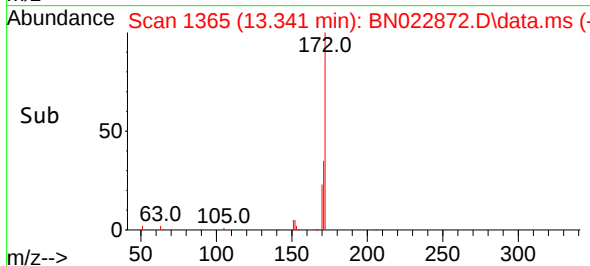
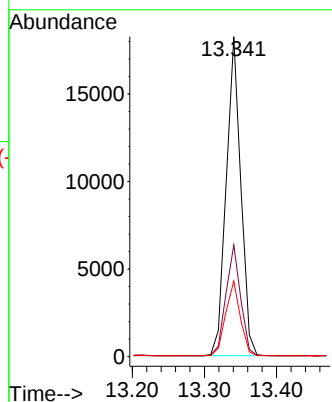
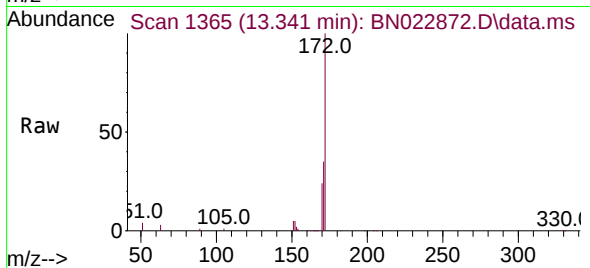




#15  
2-Fluorobiphenyl  
Concen: 0.429 ng  
RT: 13.341 min Scan# 1365  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

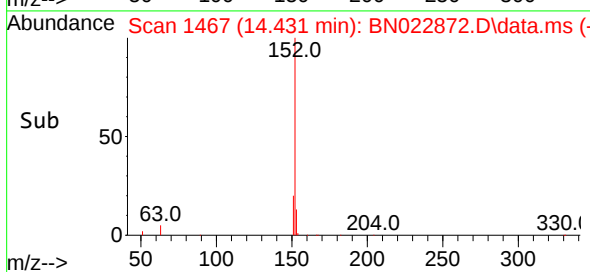
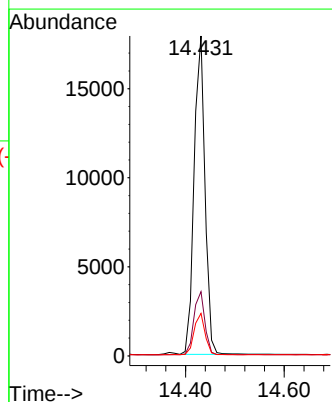
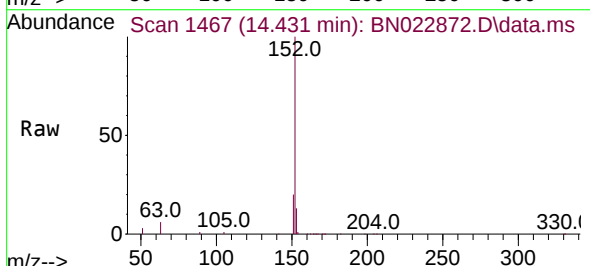
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

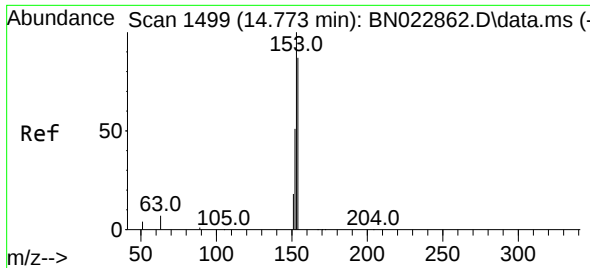
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 25602 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.9  | 28.2  | 42.4  |
| 170       | 23.6  | 19.3  | 28.9  |



#16  
Acenaphthylene  
Concen: 0.396 ng  
RT: 14.431 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 27334 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 20.1  | 16.1  | 24.1  |
| 153       | 13.2  | 10.5  | 15.7  |

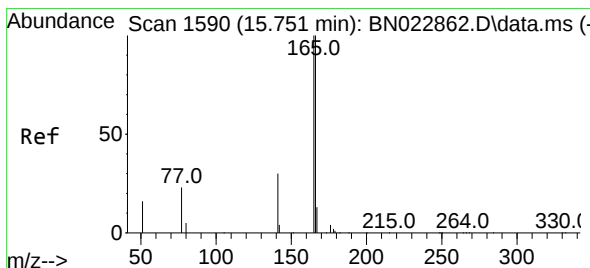
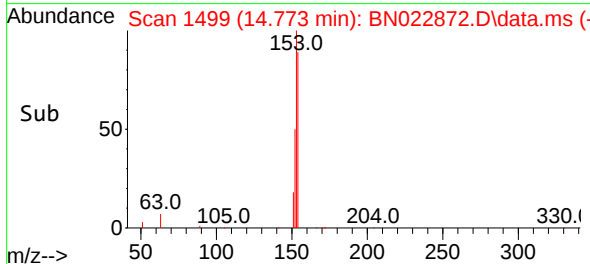
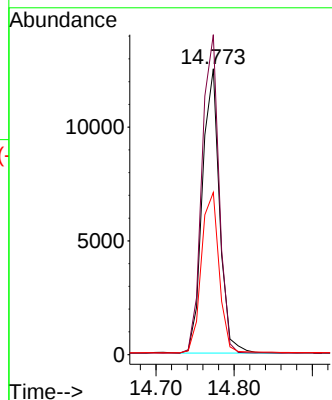
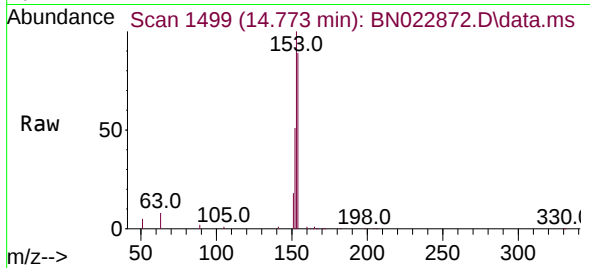




#17  
Acenaphthene  
Concen: 0.419 ng  
RT: 14.773 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

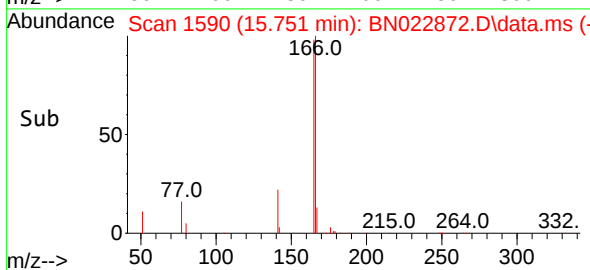
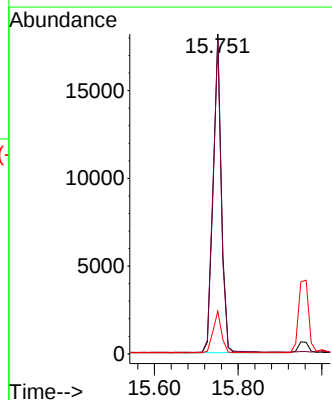
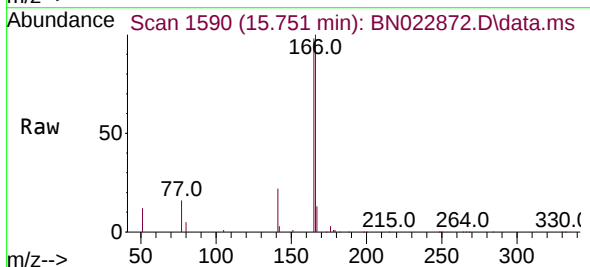
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

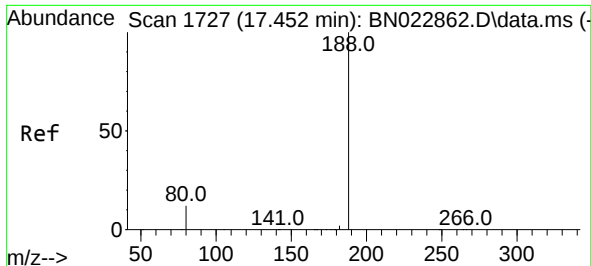
Tgt Ion:154 Resp: 19001  
Ion Ratio Lower Upper  
154 100  
153 111.3 90.0 135.0  
152 58.7 47.0 70.6



#18  
Fluorene  
Concen: 0.410 ng  
RT: 15.751 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

Tgt Ion:166 Resp: 23862  
Ion Ratio Lower Upper  
166 100  
165 101.0 79.4 119.0  
167 13.5 10.7 16.1

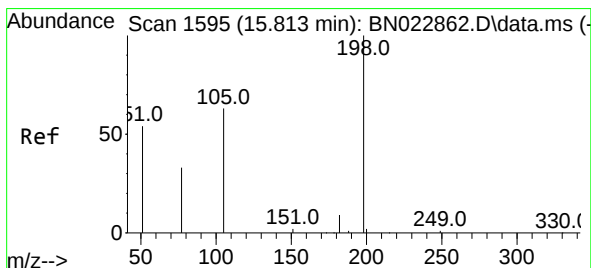
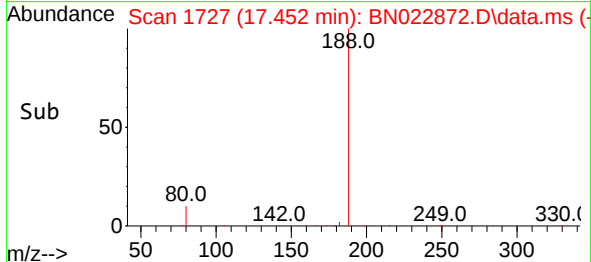
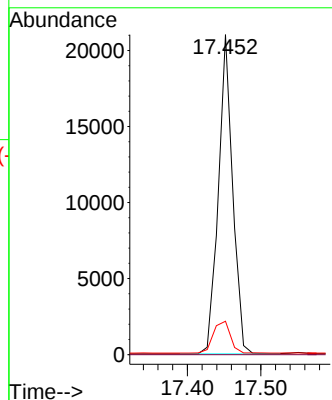
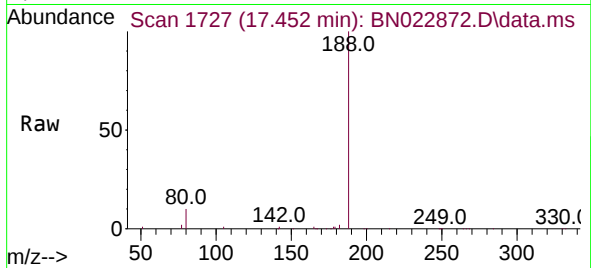




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.452 min Scan# 1727  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

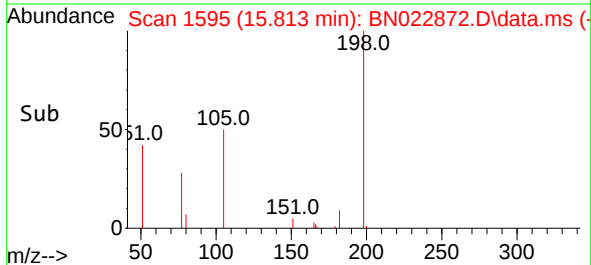
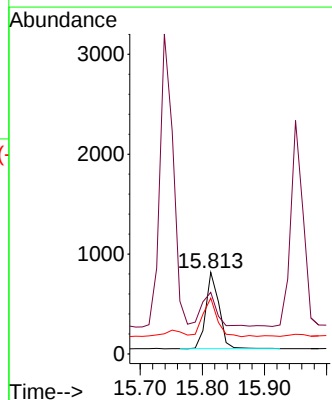
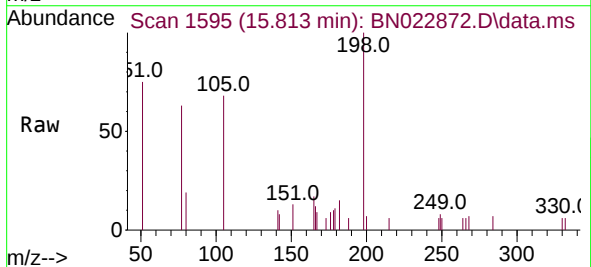
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

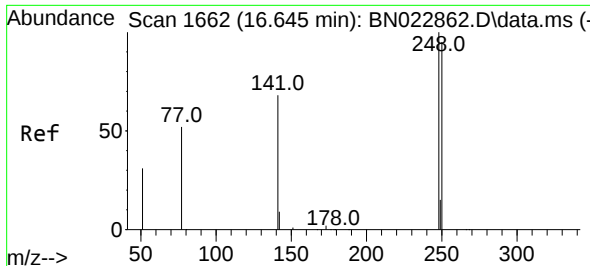
Tgt Ion:188 Resp: 28417  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.4 10.3 15.5



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.356 ng  
RT: 15.813 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

Tgt Ion:198 Resp: 1130  
Ion Ratio Lower Upper  
198 100  
51 75.4 80.5 120.7#  
105 68.4 70.5 105.7#

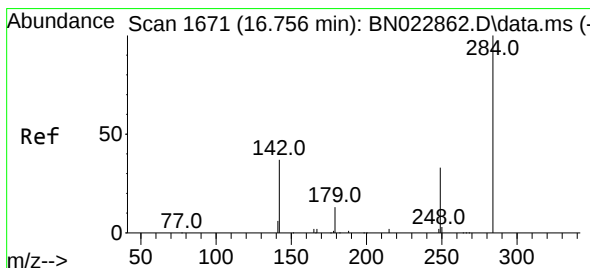
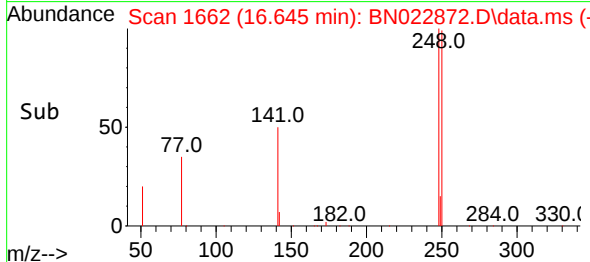
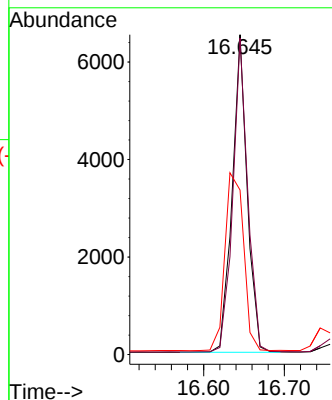
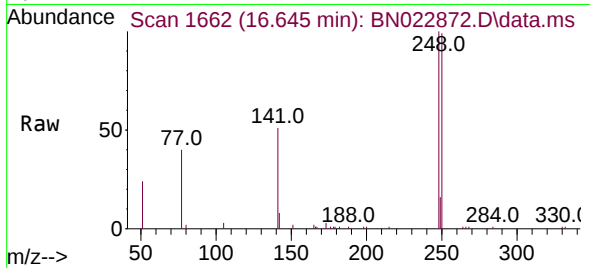




#21  
4-Bromophenyl-phenylether  
Concen: 0.410 ng  
RT: 16.645 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

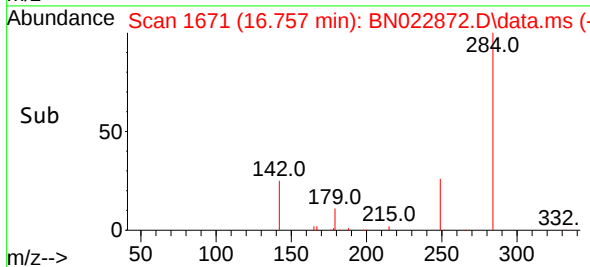
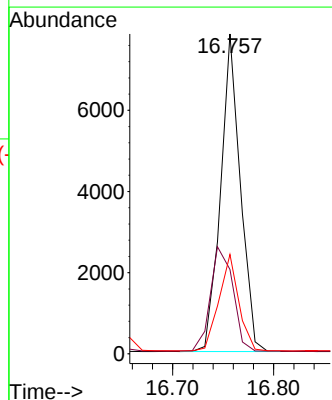
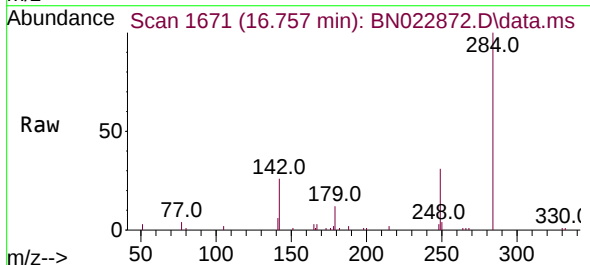
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

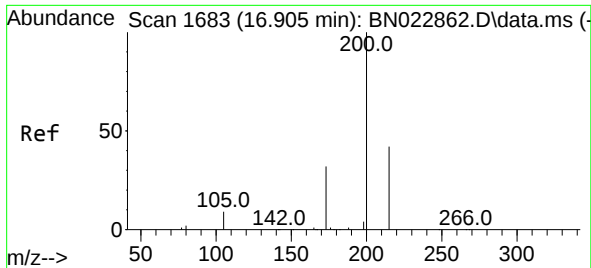
Tgt Ion:248 Resp: 8417  
Ion Ratio Lower Upper  
248 100  
250 98.9 75.8 113.6  
141 51.4 55.4 83.0#



#22  
Hexachlorobenzene  
Concen: 0.426 ng  
RT: 16.757 min Scan# 1671  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

Tgt Ion:284 Resp: 10663  
Ion Ratio Lower Upper  
284 100  
142 37.2 30.1 45.1  
249 30.3 24.5 36.7

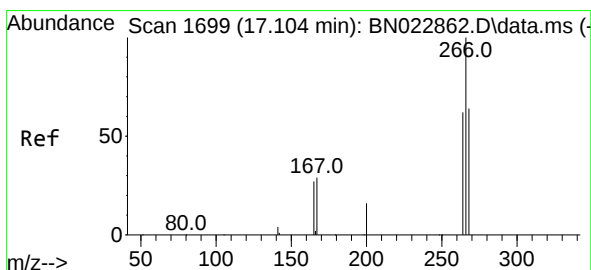
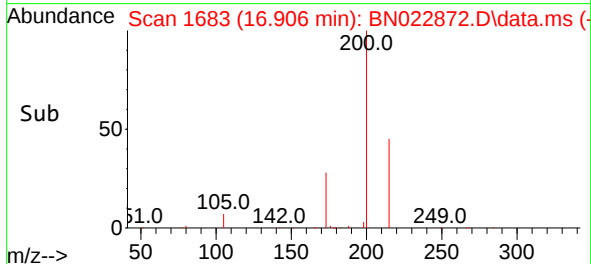
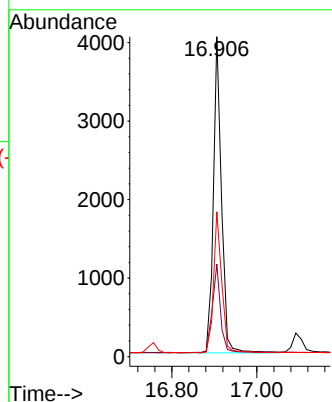
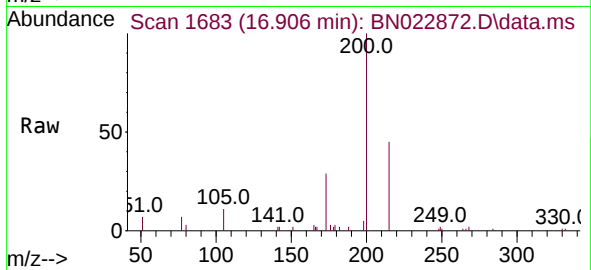




#23  
 Atrazine  
 Concen: 0.369 ng  
 RT: 16.906 min Scan# 1683  
 Delta R.T. 0.000 min  
 Lab File: BN022872.D  
 Acq: 25 Nov 2022 23:24

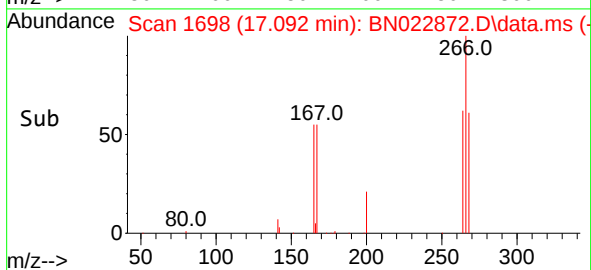
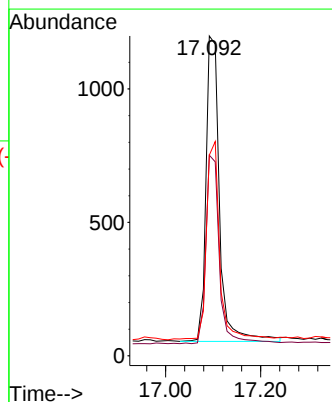
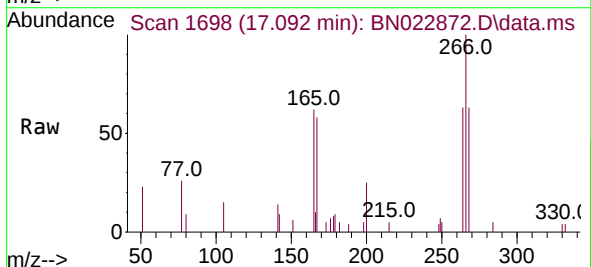
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

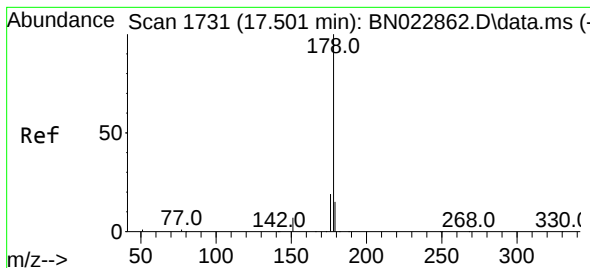
Tgt Ion:200 Resp: 5331  
 Ion Ratio Lower Upper  
 200 100  
 173 28.9 26.4 39.6  
 215 45.3 34.4 51.6



#24  
 Pentachlorophenol  
 Concen: 0.329 ng  
 RT: 17.092 min Scan# 1698  
 Delta R.T. -0.012 min  
 Lab File: BN022872.D  
 Acq: 25 Nov 2022 23:24

Tgt Ion:266 Resp: 2258  
 Ion Ratio Lower Upper  
 266 100  
 264 61.1 50.0 75.0  
 268 61.6 50.9 76.3





#25

Phenanthrene

Concen: 0.415 ng

RT: 17.489 min Scan# 1730

Delta R.T. -0.012 min

Lab File: BN022872.D

Acq: 25 Nov 2022 23:24

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

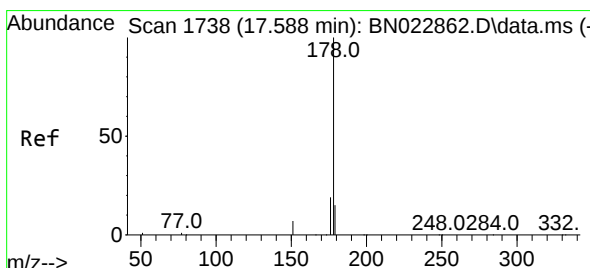
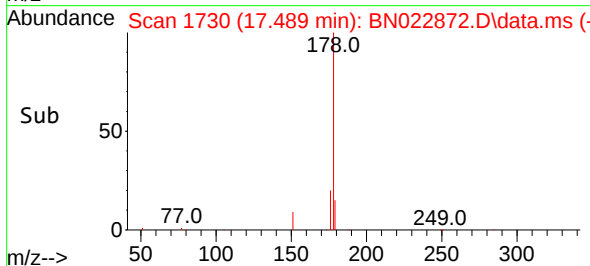
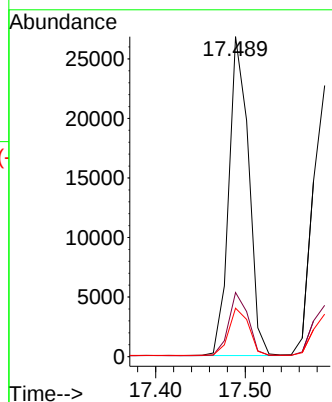
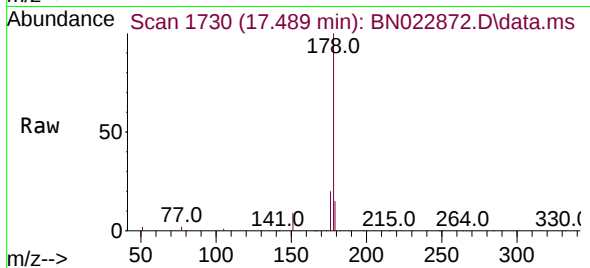
Tgt Ion:178 Resp: 41042

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.2 12.2 18.2



#26

Anthracene

Concen: 0.398 ng

RT: 17.588 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BN022872.D

Acq: 25 Nov 2022 23:24

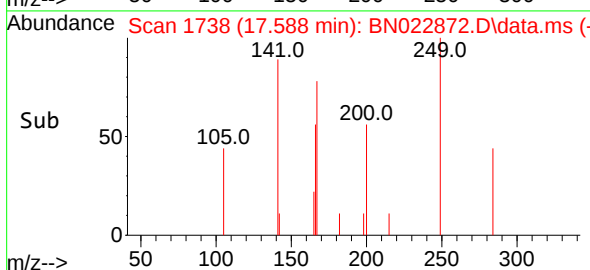
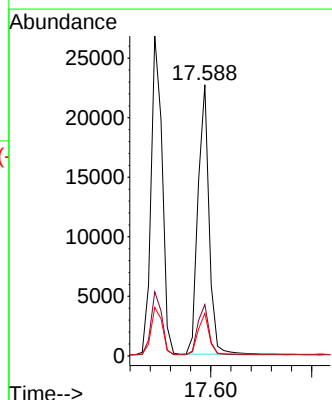
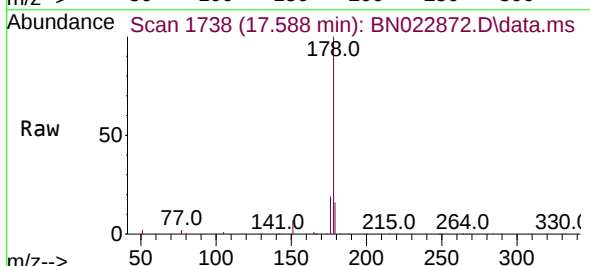
Tgt Ion:178 Resp: 34156

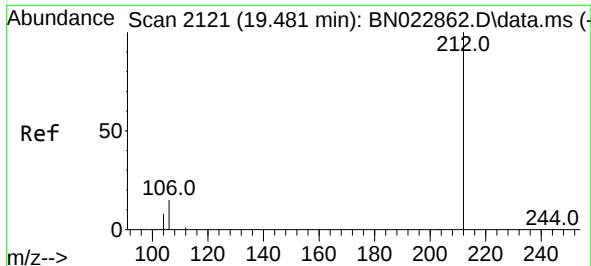
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.3 12.2 18.2

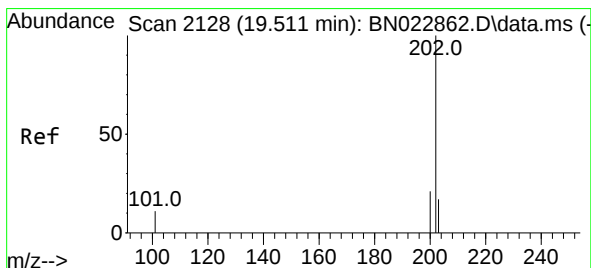
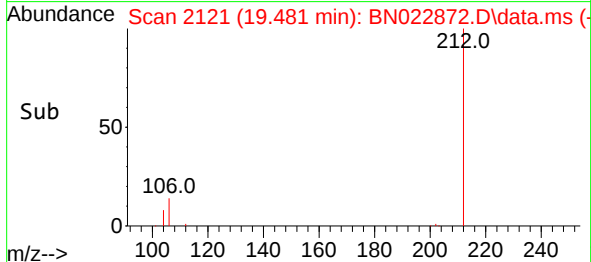
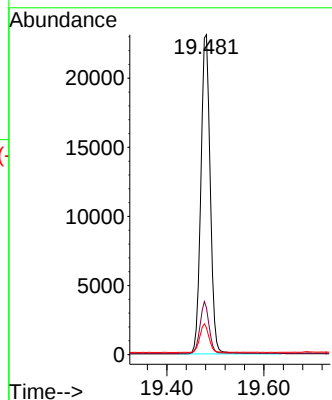
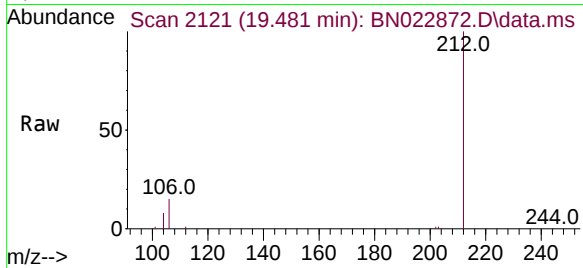




#27  
Fluoranthene-d10  
Concen: 0.399 ng  
RT: 19.481 min Scan# 2121  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

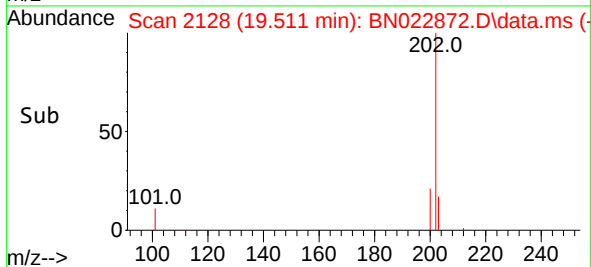
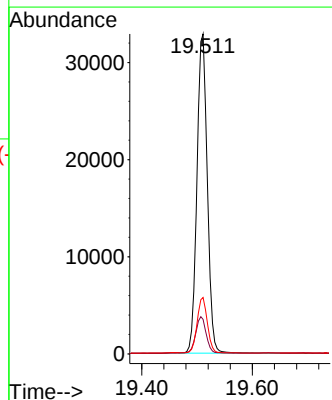
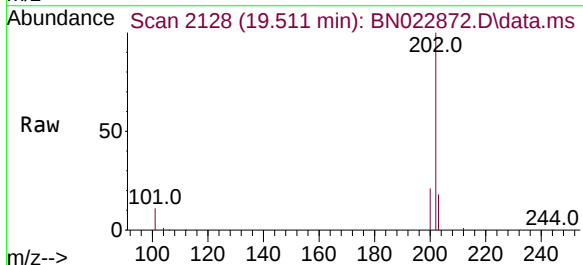
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

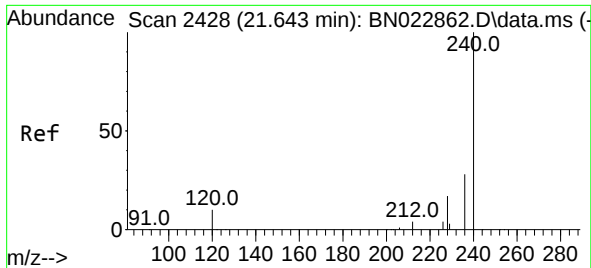
Tgt Ion:212 Resp: 30765  
Ion Ratio Lower Upper  
212 100  
106 15.5 12.3 18.5  
104 8.8 7.0 10.4



#28  
Fluoranthene  
Concen: 0.406 ng  
RT: 19.511 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

Tgt Ion:202 Resp: 42661  
Ion Ratio Lower Upper  
202 100  
101 11.7 9.3 13.9  
203 17.2 13.7 20.5

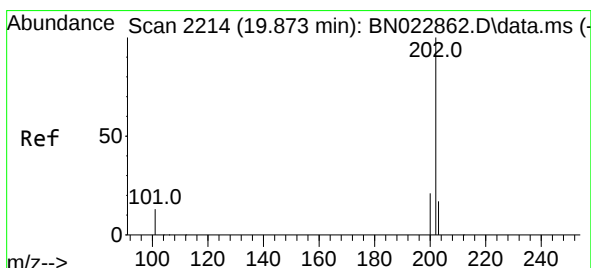
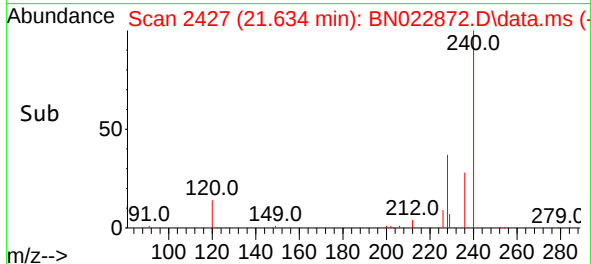
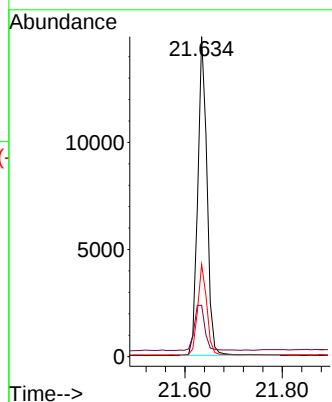
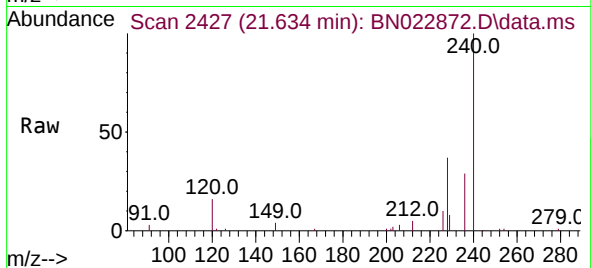




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.634 min Scan# 2428  
Delta R.T. -0.009 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

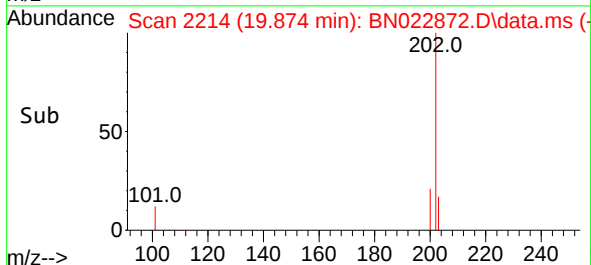
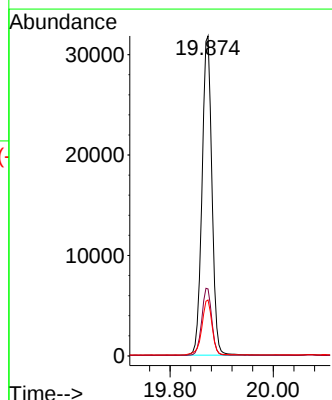
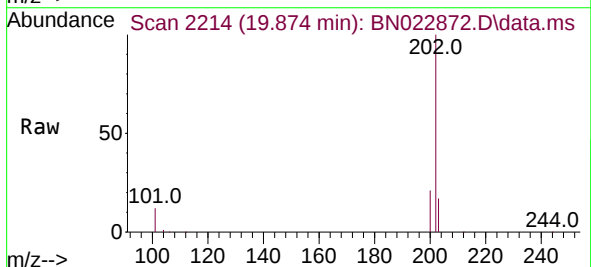
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

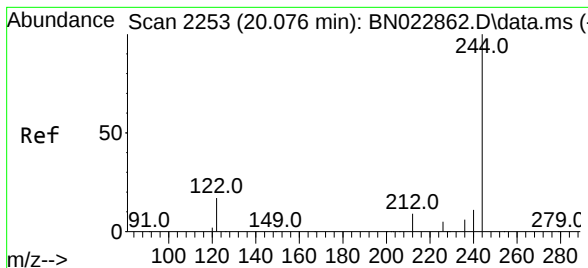
Tgt Ion:240 Resp: 19616  
Ion Ratio Lower Upper  
240 100  
120 16.0 9.2 13.8#  
236 28.8 22.6 34.0



#30  
Pyrene  
Concen: 0.424 ng  
RT: 19.874 min Scan# 2214  
Delta R.T. 0.000 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

Tgt Ion:202 Resp: 43276  
Ion Ratio Lower Upper  
202 100  
200 20.8 17.0 25.4  
203 17.3 14.2 21.2





#31

Terphenyl-d14

Concen: 0.428 ng

RT: 20.076 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN022872.D

Acq: 25 Nov 2022 23:24

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

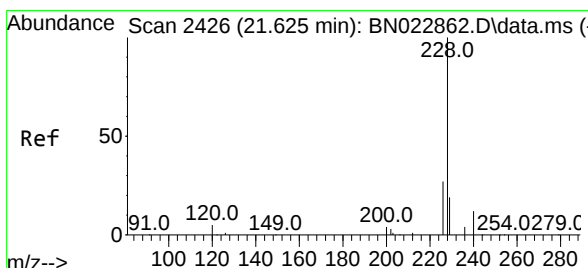
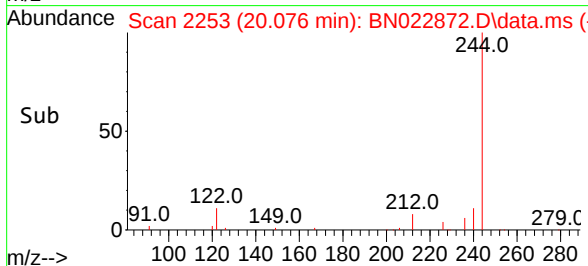
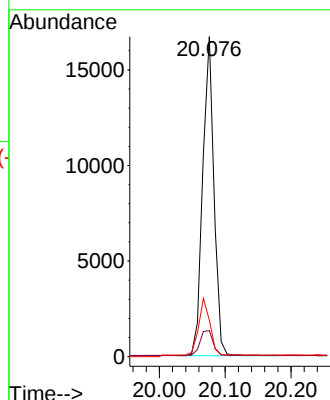
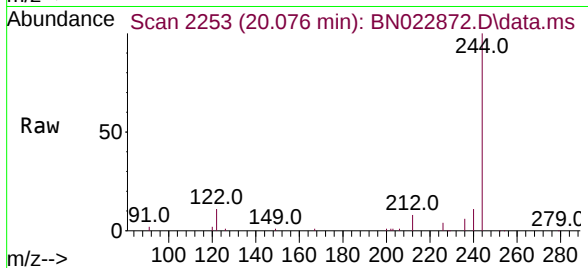
Tgt Ion:244 Resp: 19704

Ion Ratio Lower Upper

244 100

212 8.1 7.9 11.9

122 11.4 13.9 20.9#



#32

Benzo(a)anthracene

Concen: 0.406 ng

RT: 21.616 min Scan# 2425

Delta R.T. -0.009 min

Lab File: BN022872.D

Acq: 25 Nov 2022 23:24

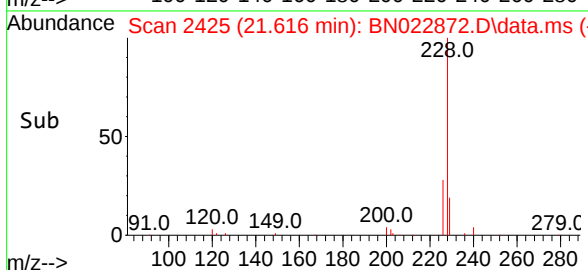
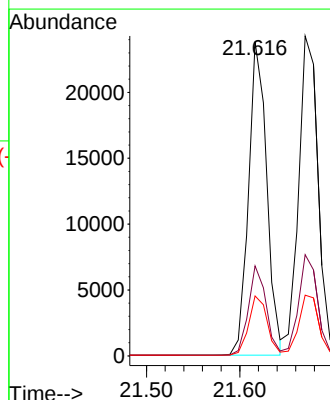
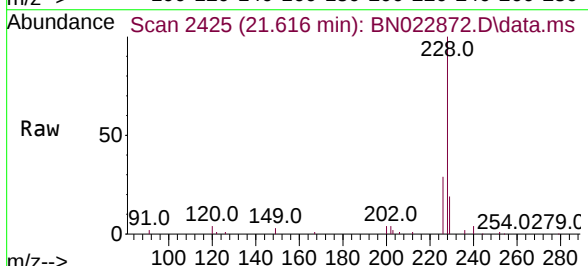
Tgt Ion:228 Resp: 32213

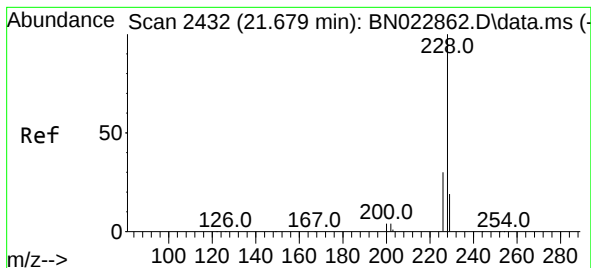
Ion Ratio Lower Upper

228 100

226 28.6 22.1 33.1

229 19.0 15.8 23.6





#33

Chrysene

Concen: 0.430 ng

RT: 21.670 min Scan# 2432

Delta R.T. -0.009 min

Lab File: BN022872.D

Acq: 25 Nov 2022 23:24

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

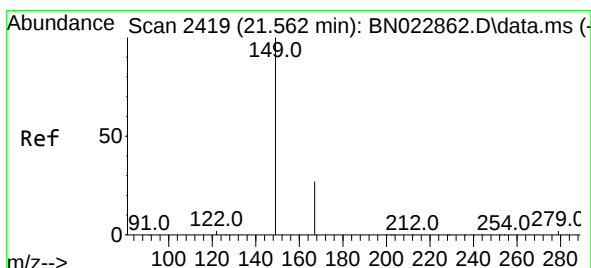
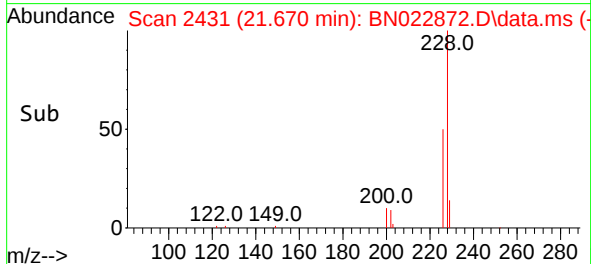
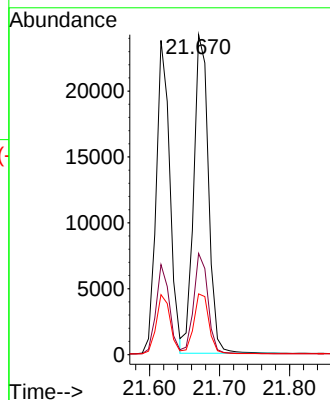
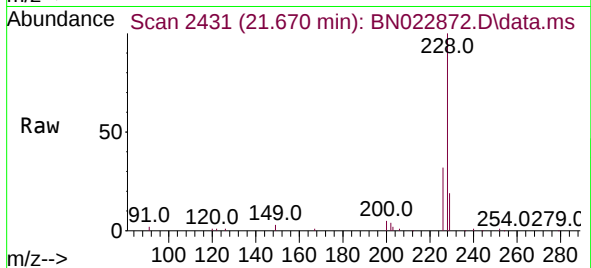
Tgt Ion:228 Resp: 35339

Ion Ratio Lower Upper

228 100

226 31.6 24.5 36.7

229 19.0 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.365 ng

RT: 21.554 min Scan# 2418

Delta R.T. -0.009 min

Lab File: BN022872.D

Acq: 25 Nov 2022 23:24

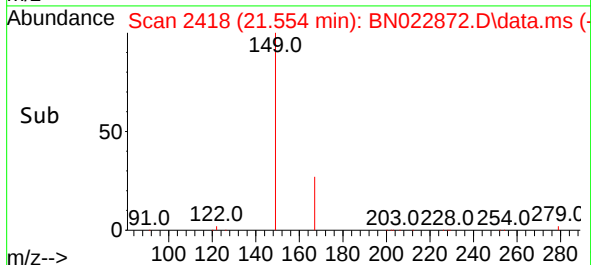
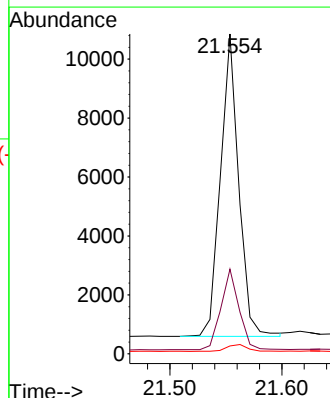
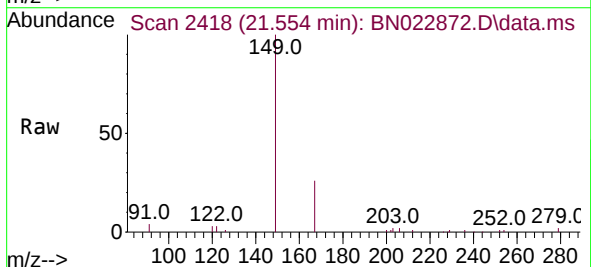
Tgt Ion:149 Resp: 11612

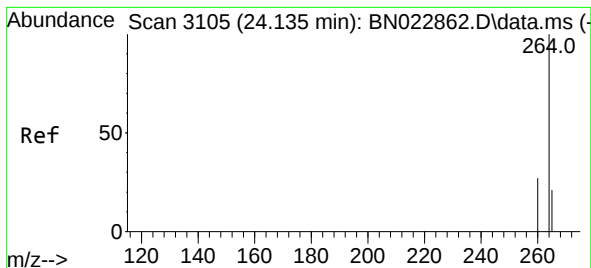
Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

279 2.7 2.3 3.5





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.129 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN022872.D

Acq: 25 Nov 2022 23:24

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

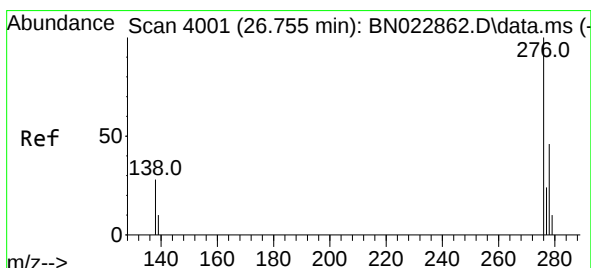
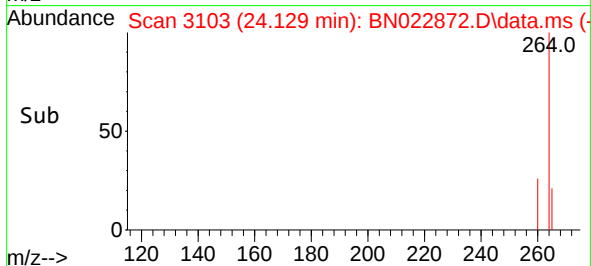
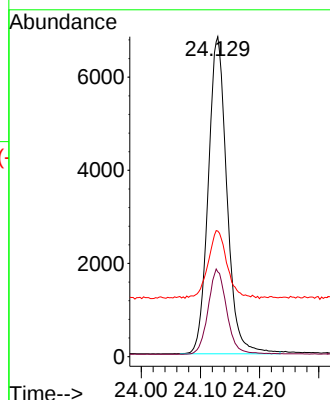
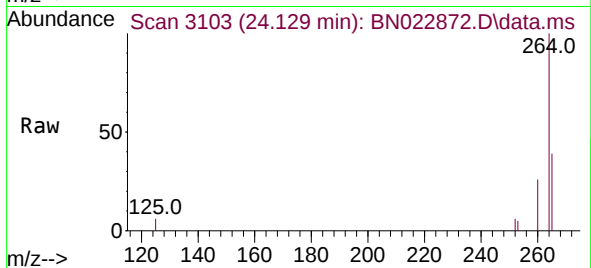
Tgt Ion:264 Resp: 14939

Ion Ratio Lower Upper

264 100

260 26.5 21.7 32.5

265 39.2 31.0 46.4



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.389 ng

RT: 26.743 min Scan# 3997

Delta R.T. -0.011 min

Lab File: BN022872.D

Acq: 25 Nov 2022 23:24

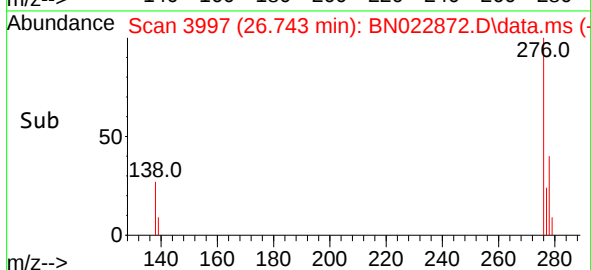
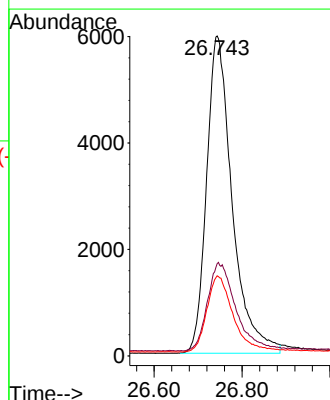
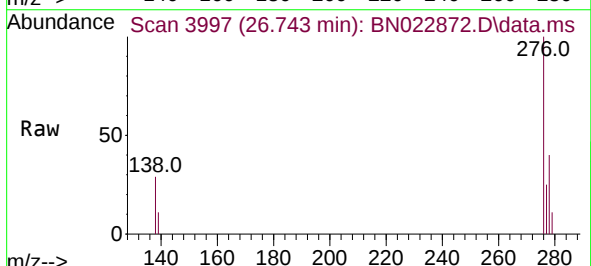
Tgt Ion:276 Resp: 24103

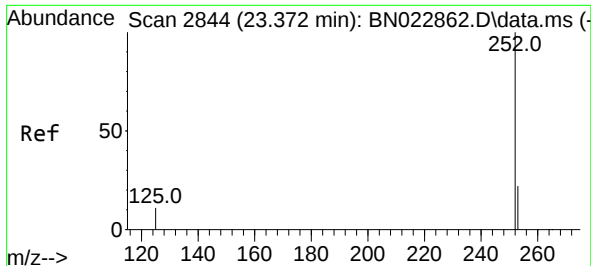
Ion Ratio Lower Upper

276 100

138 30.5 24.4 36.6

277 24.9 19.9 29.9





#37

Benzo(b)fluoranthene

Concen: 0.397 ng

RT: 23.363 min Scan# 2841

Delta R.T. -0.009 min

Lab File: BN022872.D

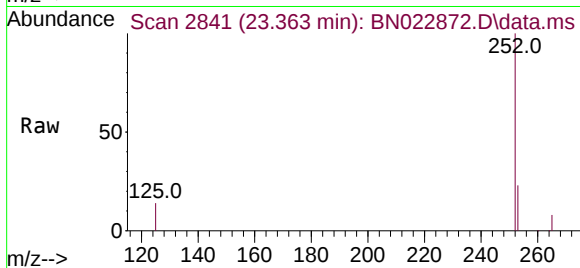
Acq: 25 Nov 2022 23:24

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



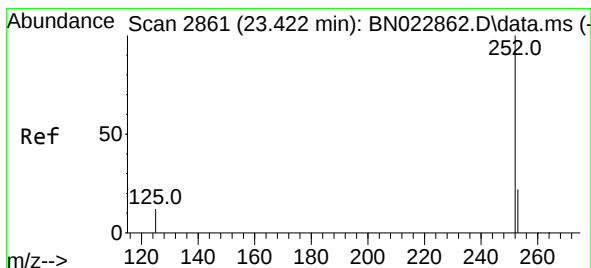
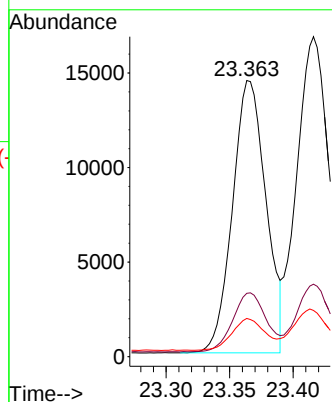
Tgt Ion:252 Resp: 26450

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

125 13.8 10.8 16.2



#38

Benzo(k)fluoranthene

Concen: 0.427 ng

RT: 23.416 min Scan# 2859

Delta R.T. -0.006 min

Lab File: BN022872.D

Acq: 25 Nov 2022 23:24

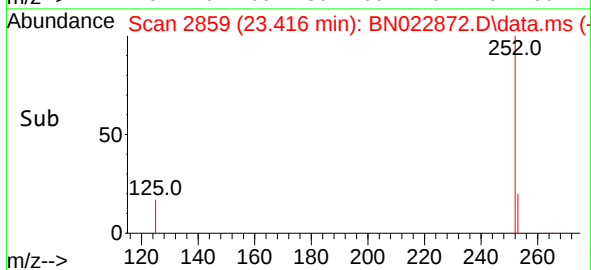
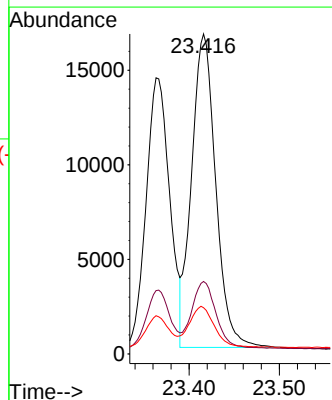
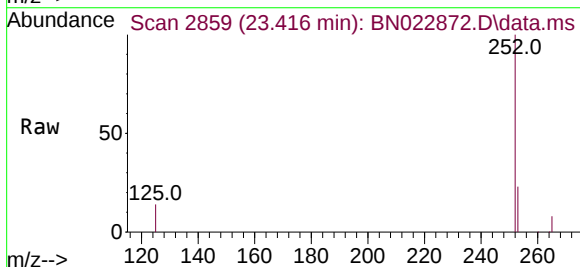
Tgt Ion:252 Resp: 30828

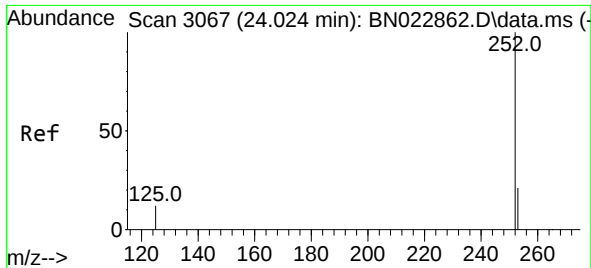
Ion Ratio Lower Upper

252 100

253 22.6 18.6 27.8

125 14.4 11.0 16.4

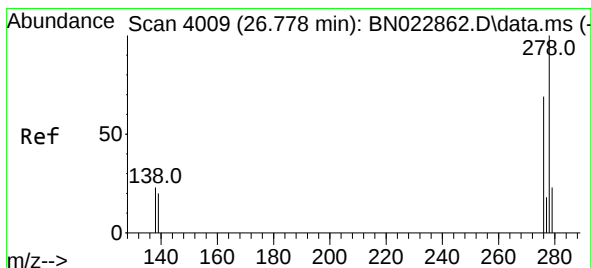
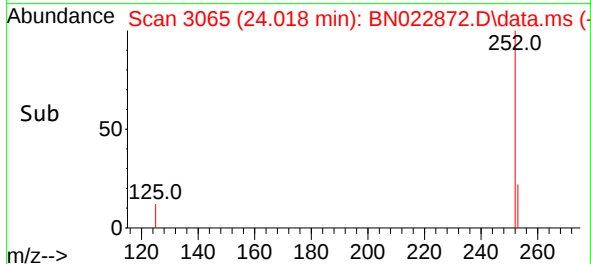
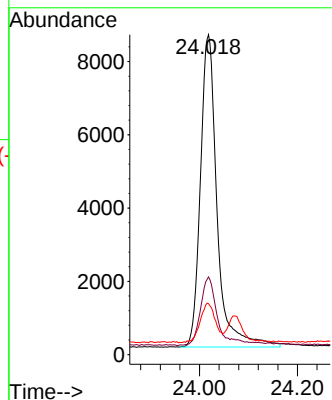
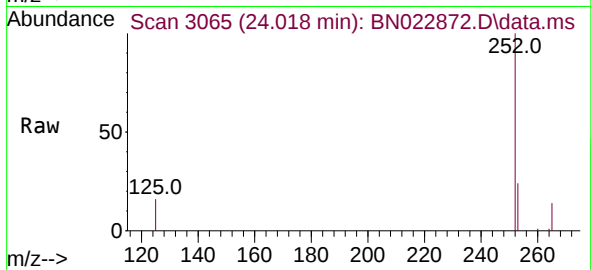




#39  
Benzo(a)pyrene  
Concen: 0.395 ng  
RT: 24.018 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

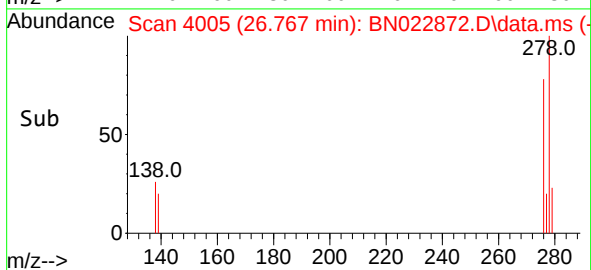
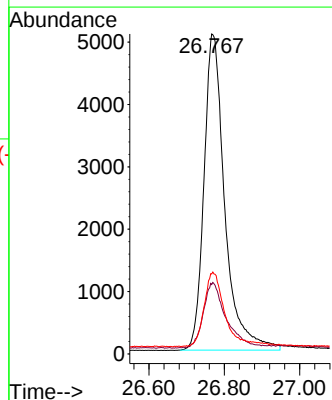
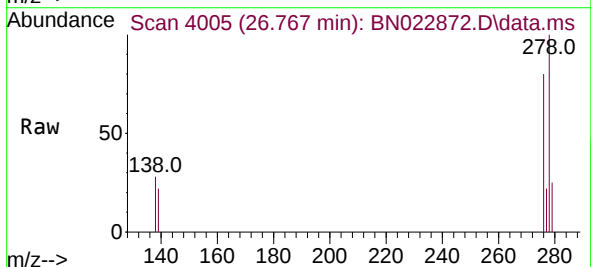
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

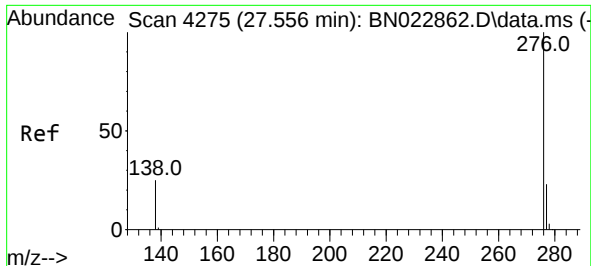
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 20109     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 24.3  | 19.2 28.8 |
| 125         | 15.9  | 12.7 19.1 |



#40  
Dibenzo(a,h)anthracene  
Concen: 0.396 ng  
RT: 26.767 min Scan# 4005  
Delta R.T. -0.011 min  
Lab File: BN022872.D  
Acq: 25 Nov 2022 23:24

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:278 | Resp: | 19471     |
| Ion Ratio   | Lower | Upper     |
| 278         | 100   |           |
| 139         | 21.7  | 17.4 26.0 |
| 279         | 25.0  | 20.0 30.0 |





#41

Benzo(g,h,i)perylene

Concen: 0.393 ng

RT: 27.544 min Scan# 41

Delta R.T. -0.011 min

Lab File: BN022872.D

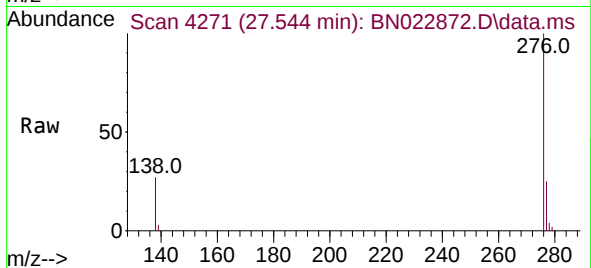
Acq: 25 Nov 2022 23:24

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:276 Resp: 20836

Ion Ratio Lower Upper

276 100

277 24.9 19.7 29.5

138 27.3 21.4 32.2

