

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010625\  
 Data File : BN035895.D  
 Acq On : 06 Jan 2025 13:43  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Jan 06 14:33:20 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN010225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 02 15:39:17 2025  
 Response via : Initial Calibration

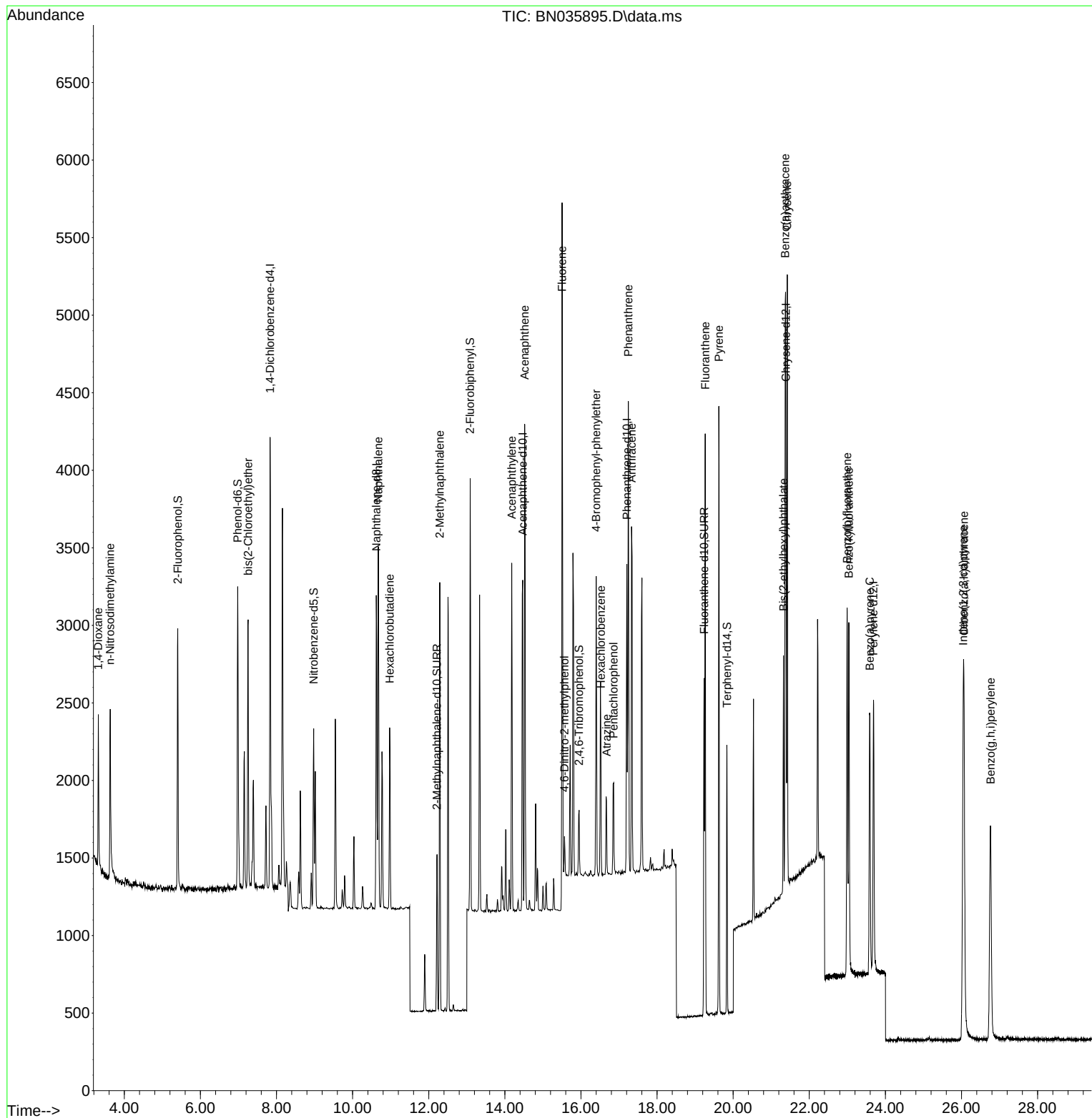
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.832  | 152  | 1334     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.622 | 136  | 2578     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.469 | 164  | 1280     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.206 | 188  | 2550     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.384 | 240  | 2112     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.689 | 264  | 2327     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.405  | 112  | 1252     | 0.383 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.979  | 99   | 1507     | 0.371 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.977  | 82   | 834      | 0.409 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.218 | 152  | 1321     | 0.383 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.952 | 330  | 284      | 0.462 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.089 | 172  | 2272     | 0.405 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.234 | 212  | 2419     | 0.382 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.838 | 244  | 1607     | 0.382 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.318  | 88   | 518      | 0.391 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.628  | 42   | 944      | 0.408 | ng    | 100      |
| 6) bis(2-Chloroethyl)ether    | 7.254  | 93   | 1218     | 0.393 | ng    | 98       |
| 9) Naphthalene                | 10.675 | 128  | 2879     | 0.398 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.974 | 225  | 947      | 0.403 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.289 | 142  | 1744     | 0.389 | ng    | 99       |
| 16) Acenaphthylene            | 14.180 | 152  | 2359     | 0.391 | ng    | 99       |
| 17) Acenaphthene              | 14.522 | 154  | 1600     | 0.405 | ng    | 98       |
| 18) Fluorene                  | 15.506 | 166  | 1737     | 0.399 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.568 | 198  | 196      | 0.443 | ng    | 96       |
| 21) 4-Bromophenyl-phenylether | 16.399 | 248  | 702      | 0.402 | ng    | 93       |
| 22) Hexachlorobenzene         | 16.523 | 284  | 941      | 0.395 | ng    | 98       |
| 23) Atrazine                  | 16.672 | 200  | 459      | 0.391 | ng    | # 90     |
| 24) Pentachlorophenol         | 16.858 | 266  | 346      | 0.410 | ng    | 97       |
| 25) Phenanthrene              | 17.243 | 178  | 2887     | 0.388 | ng    | 99       |
| 26) Anthracene                | 17.330 | 178  | 2567     | 0.379 | ng    | 98       |
| 28) Fluoranthene              | 19.267 | 202  | 3336     | 0.385 | ng    | 99       |
| 30) Pyrene                    | 19.624 | 202  | 3420     | 0.399 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.366 | 228  | 2897     | 0.389 | ng    | 98       |
| 33) Chrysene                  | 21.420 | 228  | 3064     | 0.394 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.322 | 149  | 1275     | 0.421 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.045 | 276  | 3430     | 0.374 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.993 | 252  | 3156     | 0.395 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 23.040 | 252  | 3025     | 0.382 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.589 | 252  | 2610     | 0.377 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.063 | 278  | 2689     | 0.368 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.765 | 276  | 3048     | 0.373 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

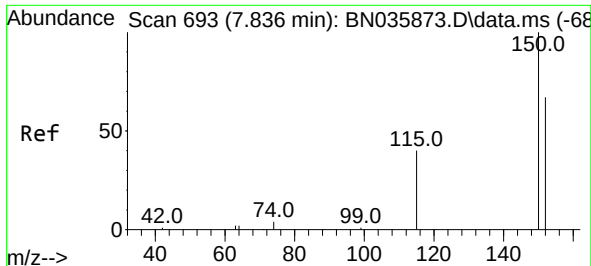
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010625\  
Data File : BN035895.D  
Acq On : 06 Jan 2025 13:43  
Operator : RC/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

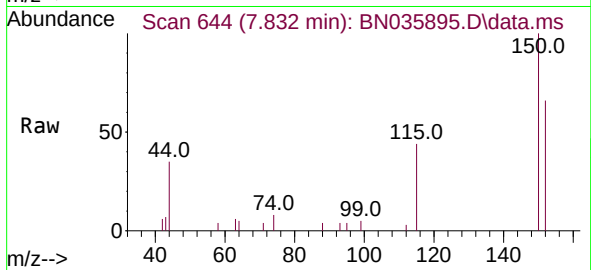
Quant Time: Jan 06 14:33:20 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN010225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 02 15:39:17 2025  
Response via : Initial Calibration



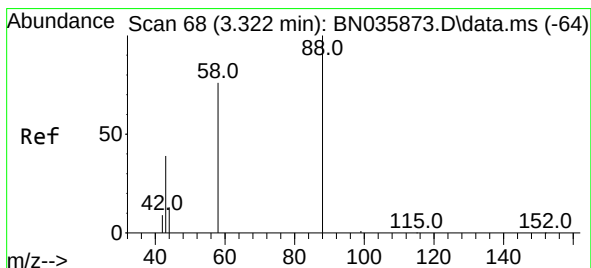
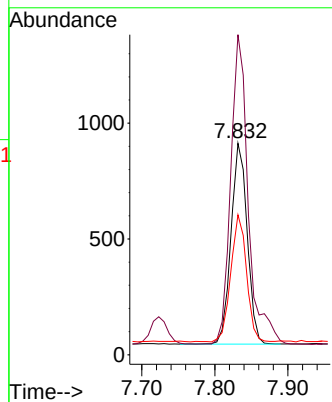
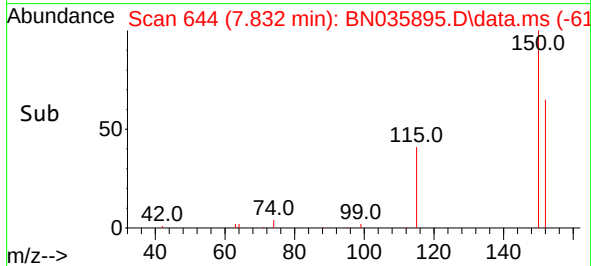


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.832 min Scan# 64  
 Delta R.T. -0.004 min  
 Lab File: BN035895.D  
 Acq: 06 Jan 2025 13:43

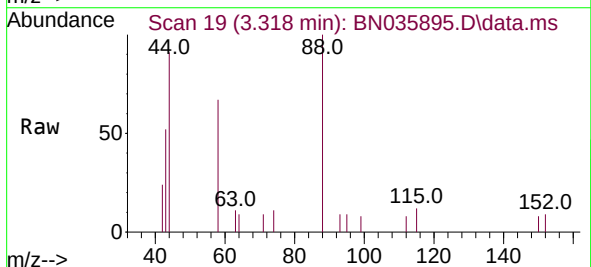
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



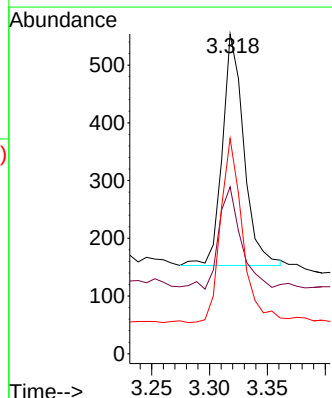
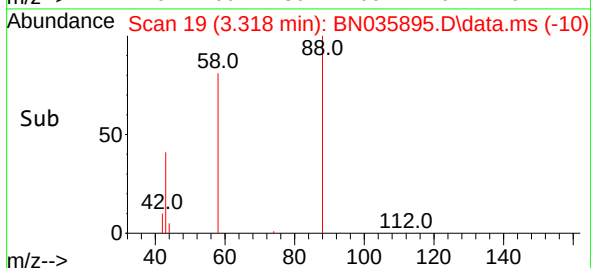
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 Ion Ratio Lower Upper  
 152 100  
 150 151.4 117.8 176.6  
 115 66.2 51.0 76.4

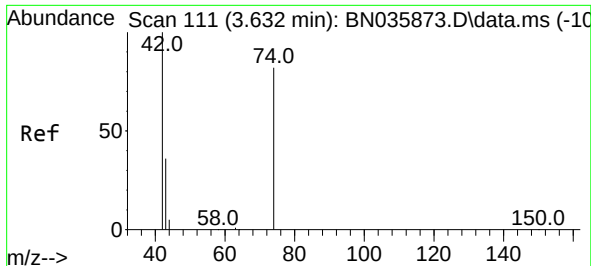


#2  
 1,4-Dioxane  
 Concen: 0.391 ng  
 RT: 3.318 min Scan# 19  
 Delta R.T. -0.004 min  
 Lab File: BN035895.D  
 Acq: 06 Jan 2025 13:43



Tgt Ion: 88 Resp: 518  
 Ion Ratio Lower Upper  
 88 100  
 43 44.0 32.7 49.1  
 58 80.9 63.0 94.4

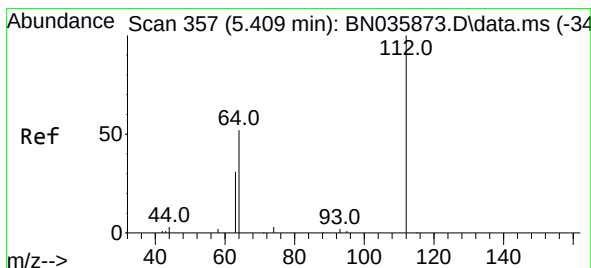
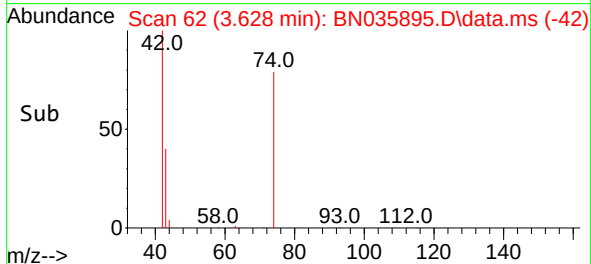
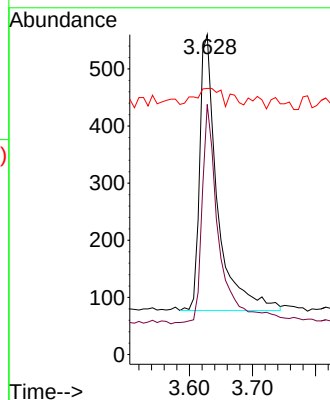
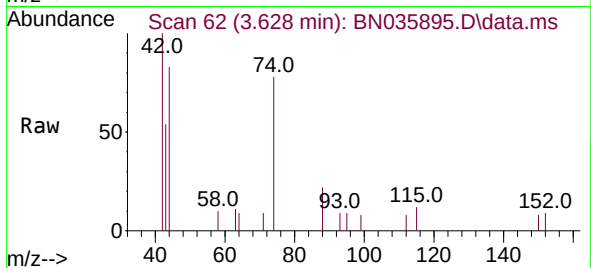




#3  
n-Nitrosodimethylamine  
Concen: 0.408 ng  
RT: 3.628 min Scan# 61  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

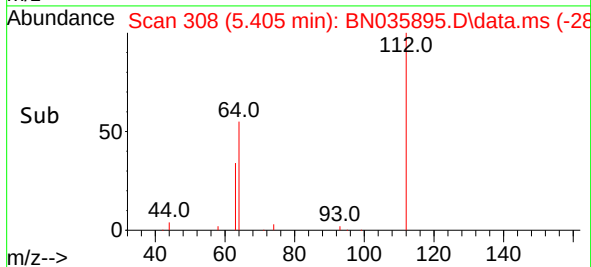
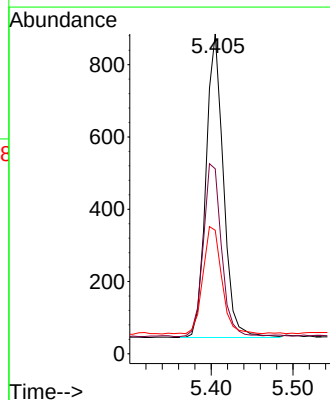
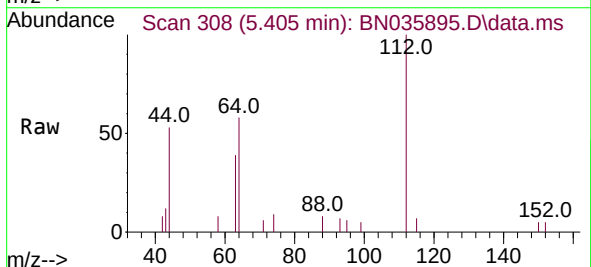
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

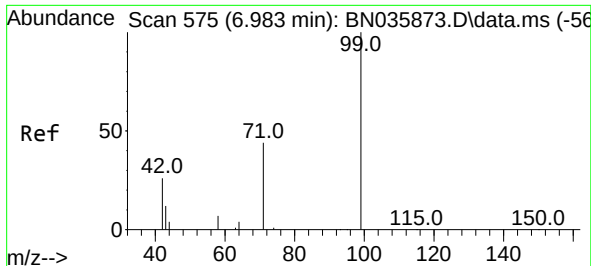
Tgt Ion: 42 Resp: 944  
Ion Ratio Lower Upper  
42 100  
74 77.5 62.2 93.2  
44 9.3 7.1 10.7



#4  
2-Fluorophenol  
Concen: 0.383 ng  
RT: 5.405 min Scan# 308  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

Tgt Ion: 112 Resp: 1252  
Ion Ratio Lower Upper  
112 100  
64 59.3 48.2 72.2  
63 38.1 30.0 45.0

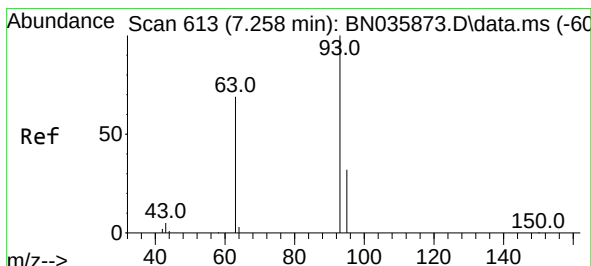
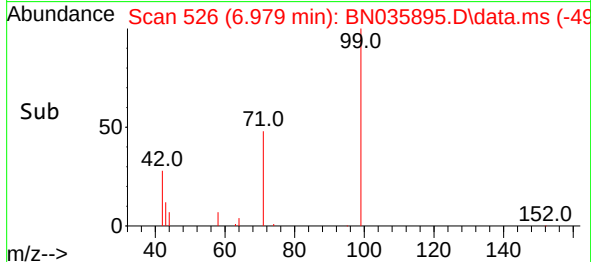
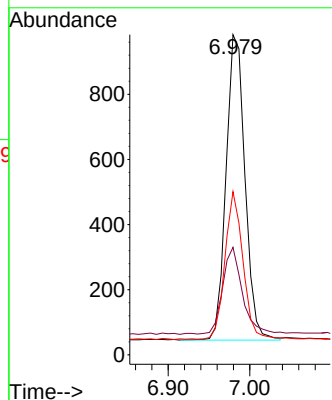
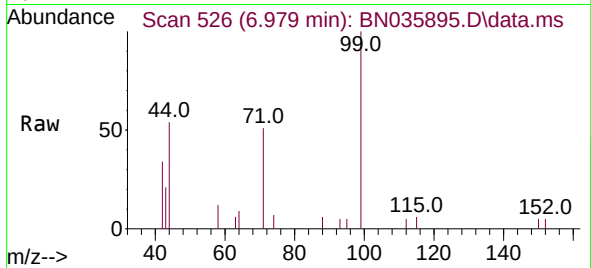




#5  
Phenol-d6  
Concen: 0.371 ng  
RT: 6.979 min Scan# 51  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

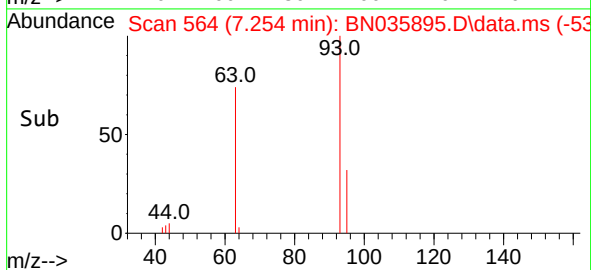
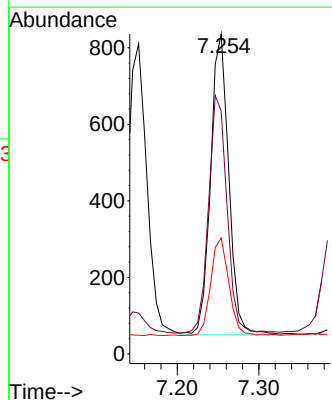
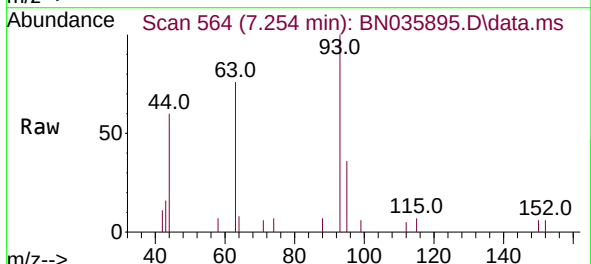
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

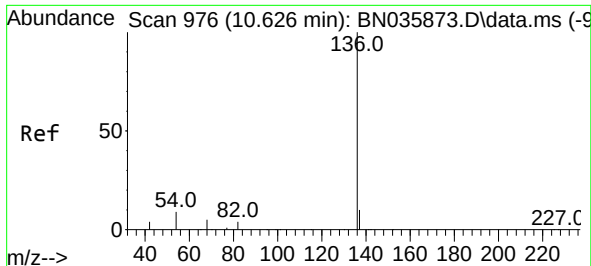
Tgt Ion: 99 Resp: 1507  
Ion Ratio Lower Upper  
99 100  
42 29.9 23.5 35.3  
71 46.7 35.5 53.3



#6  
bis(2-Chloroethyl)ether  
Concen: 0.393 ng  
RT: 7.254 min Scan# 564  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

Tgt Ion: 93 Resp: 1218  
Ion Ratio Lower Upper  
93 100  
63 79.6 62.0 93.0  
95 32.6 25.5 38.3

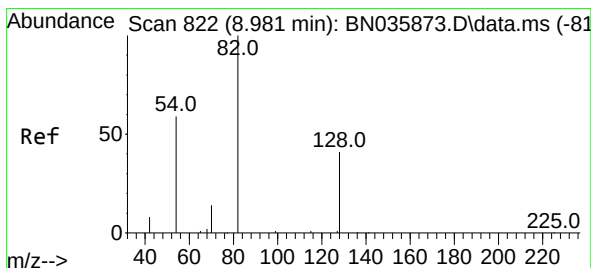
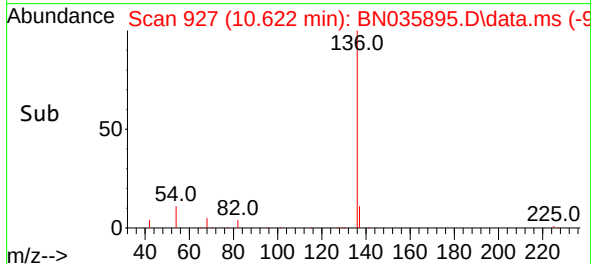
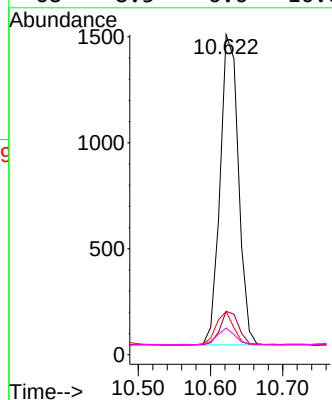
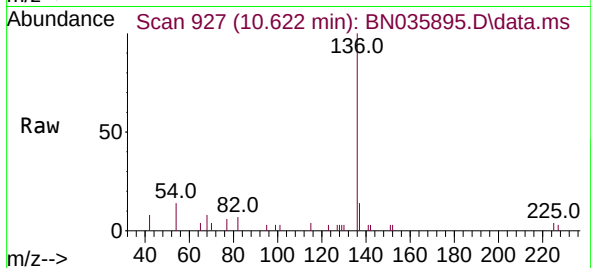




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.622 min Scan# 91  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

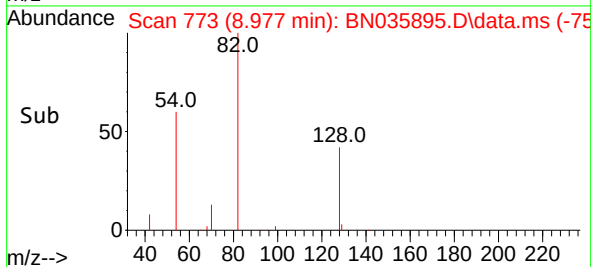
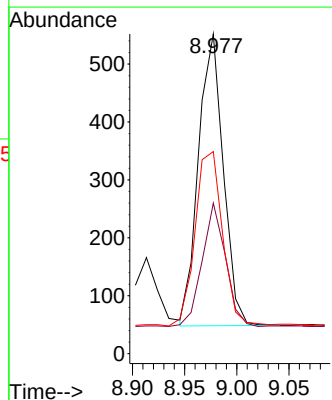
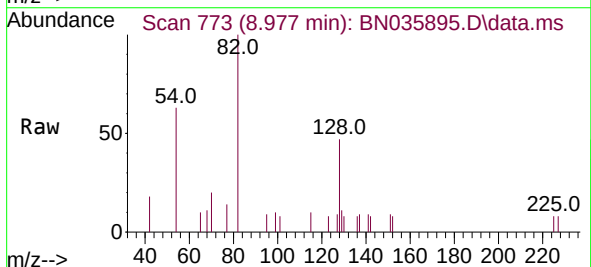
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

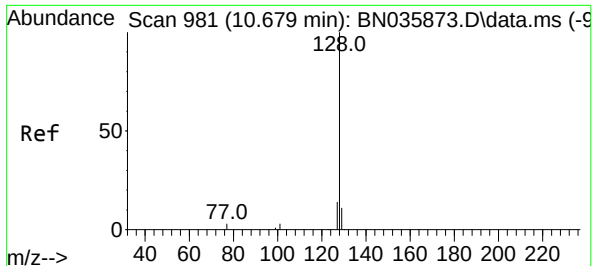
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2578  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.6  | 10.6  | 15.8  |
| 54       | 13.5  | 9.8   | 14.6  |
| 68       | 8.3   | 6.6   | 10.0  |



#8  
Nitrobenzene-d5  
Concen: 0.409 ng  
RT: 8.977 min Scan# 773  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 834   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 47.1  | 36.9  | 55.3  |
| 54       | 63.2  | 50.4  | 75.6  |

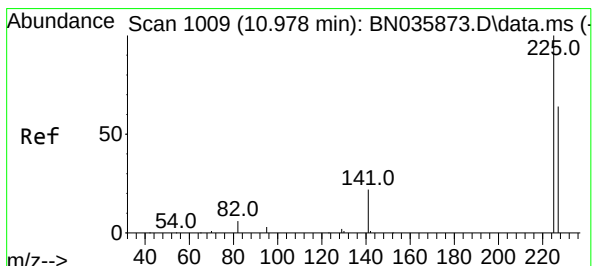
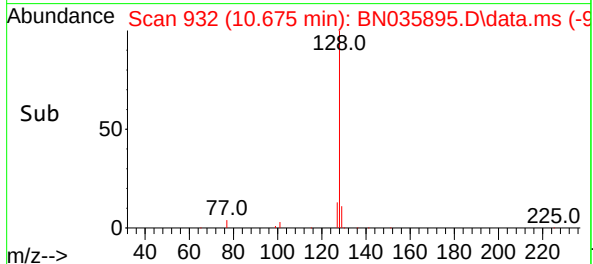
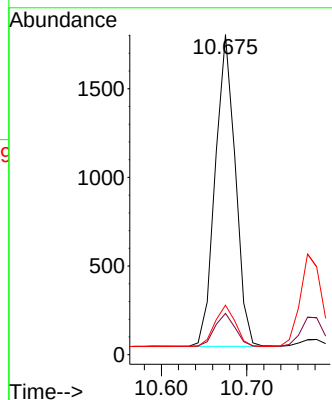
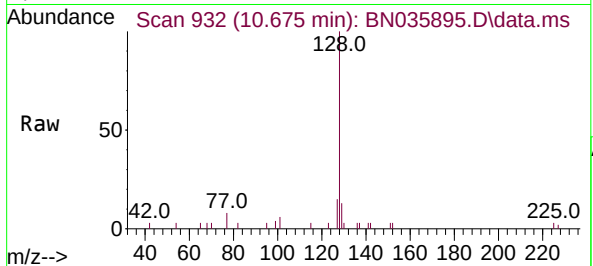




#9  
Naphthalene  
Concen: 0.398 ng  
RT: 10.675 min Scan# 91  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

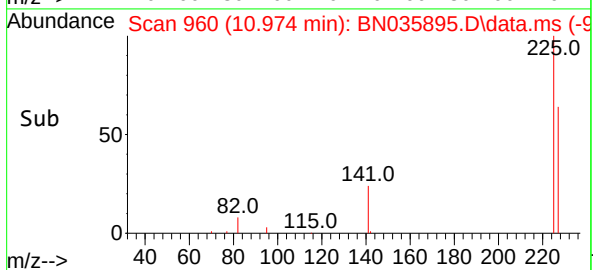
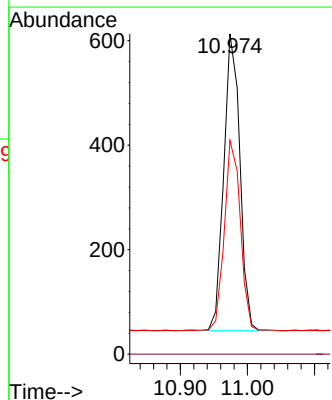
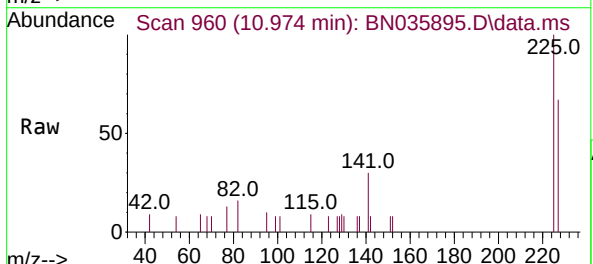
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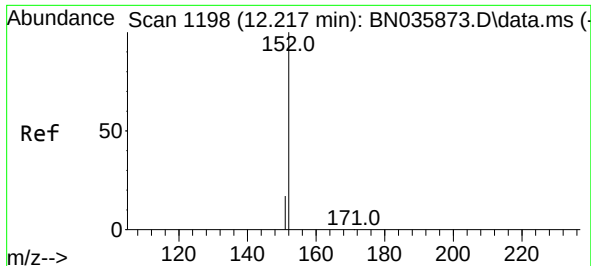
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 2879  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 12.9  | 10.6  | 16.0  |
| 127      | 15.5  | 12.8  | 19.2  |



#10  
Hexachlorobutadiene  
Concen: 0.403 ng  
RT: 10.974 min Scan# 960  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 947   |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.8  | 51.5  | 77.3  |

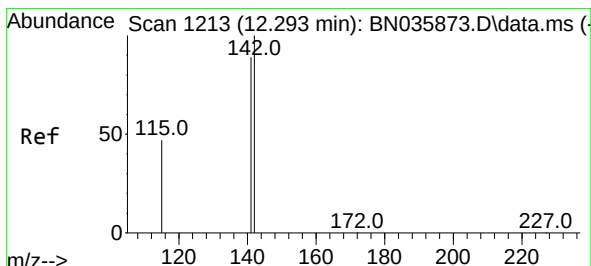
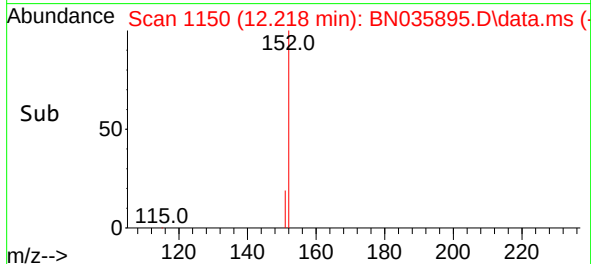
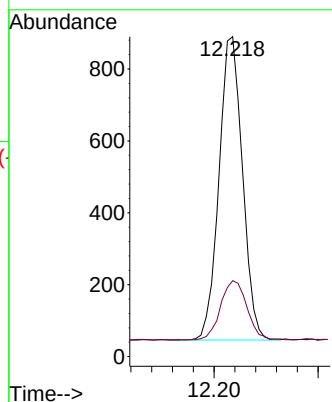
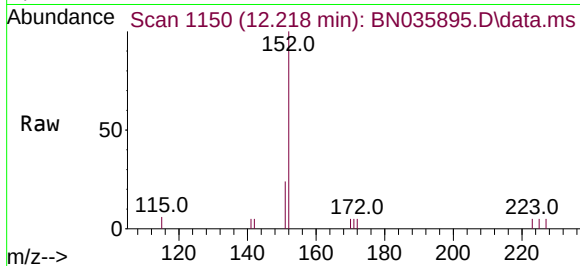




#11  
2-Methylnaphthalene-d10  
Concen: 0.383 ng  
RT: 12.218 min Scan# 1198  
Delta R.T. 0.001 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

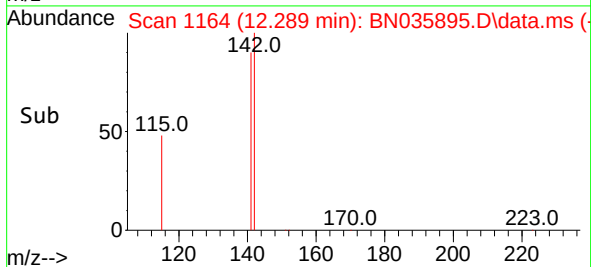
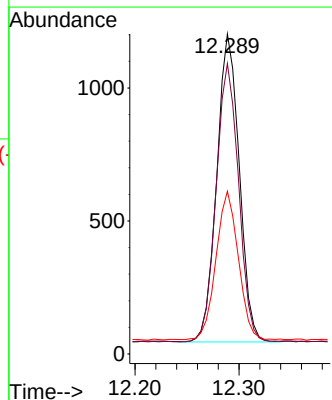
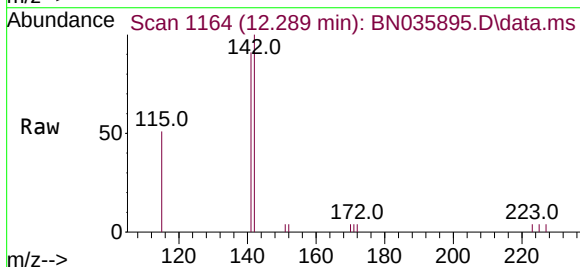
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1321  
Ion Ratio Lower Upper  
152 100  
151 22.3 17.0 25.6

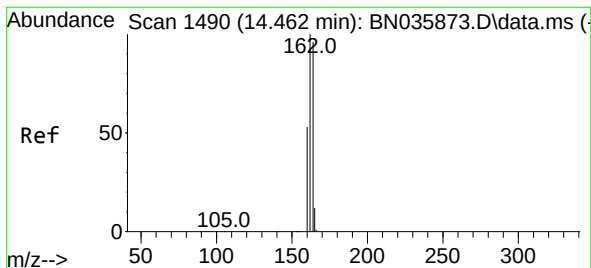


#12  
2-Methylnaphthalene  
Concen: 0.389 ng  
RT: 12.289 min Scan# 1164  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

Tgt Ion:142 Resp: 1744  
Ion Ratio Lower Upper  
142 100  
141 90.8 71.9 107.9  
115 50.9 39.6 59.4







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.469 min Scan# 14

Delta R.T. 0.007 min

Lab File: BN035895.D

Acq: 06 Jan 2025 13:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

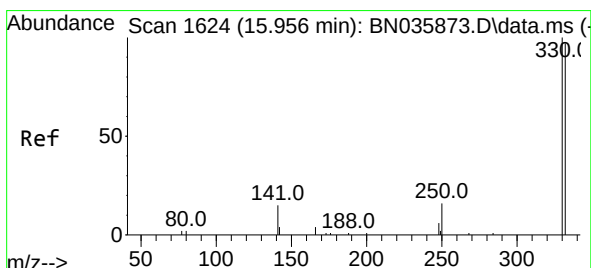
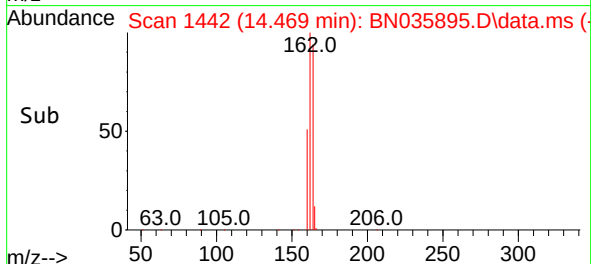
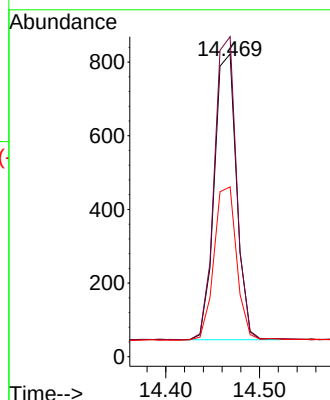
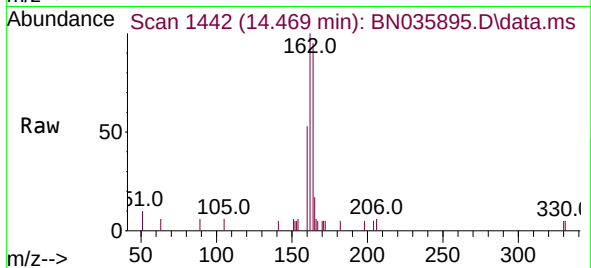
Tgt Ion:164 Resp: 1280

Ion Ratio Lower Upper

164 100

162 105.7 83.1 124.7

160 56.1 46.0 69.0



#14

2,4,6-Tribromophenol

Concen: 0.462 ng

RT: 15.952 min Scan# 1575

Delta R.T. -0.004 min

Lab File: BN035895.D

Acq: 06 Jan 2025 13:43

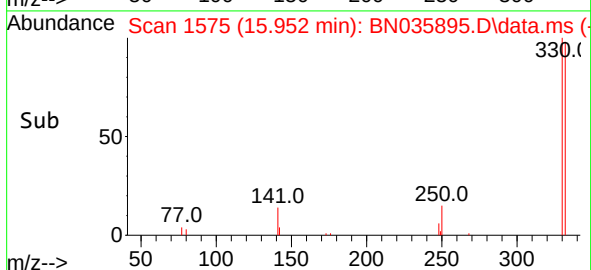
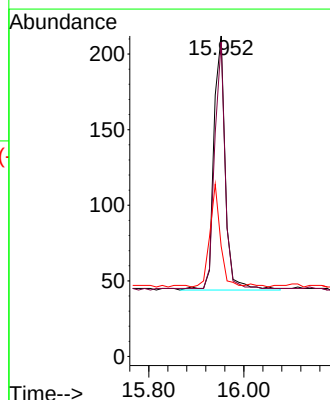
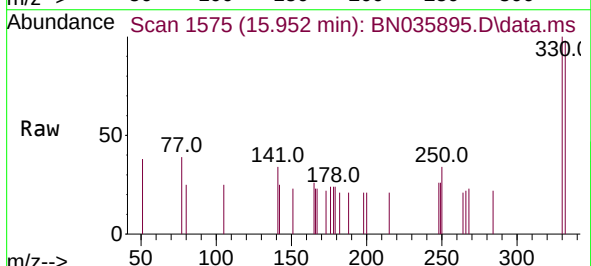
Tgt Ion:330 Resp: 284

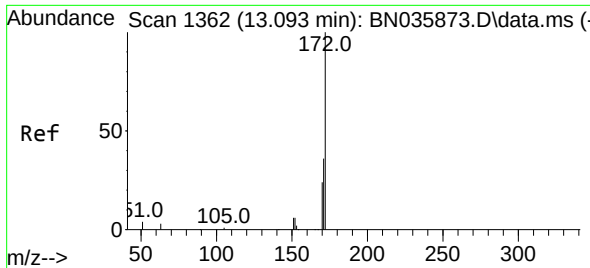
Ion Ratio Lower Upper

330 100

332 86.6 77.2 115.8

141 37.3 31.6 47.4

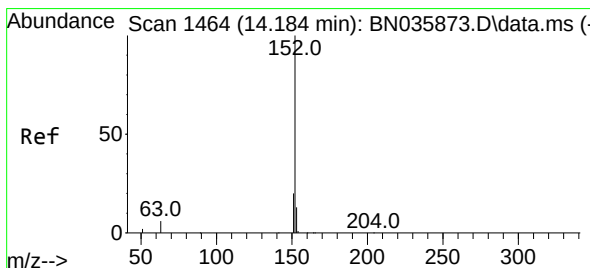
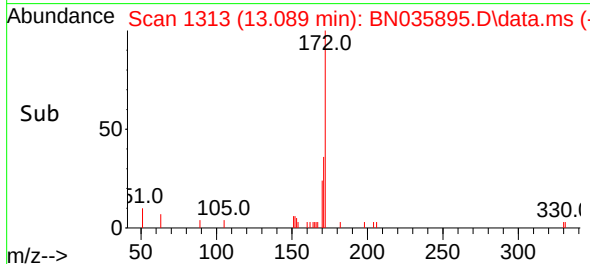
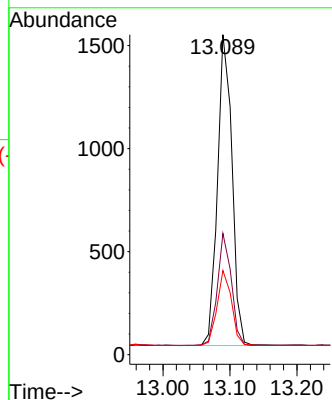
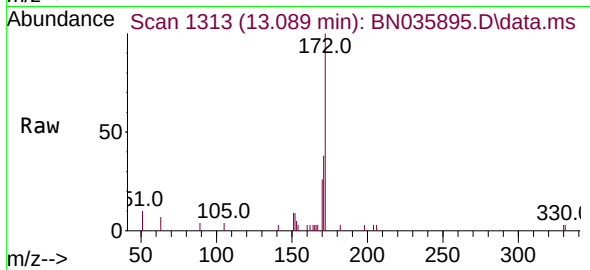




#15  
2-Fluorobiphenyl  
Concen: 0.405 ng  
RT: 13.089 min Scan# 1415  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

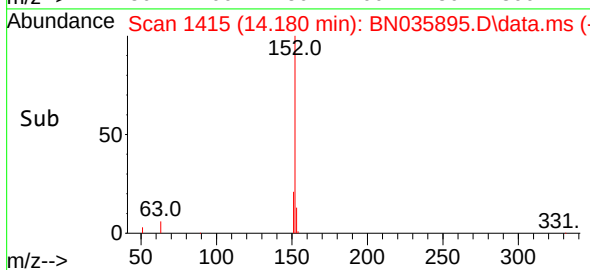
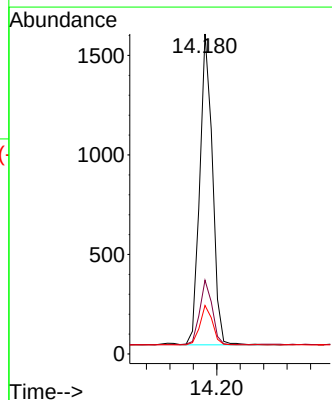
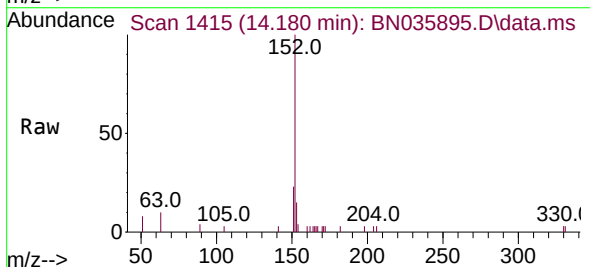
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

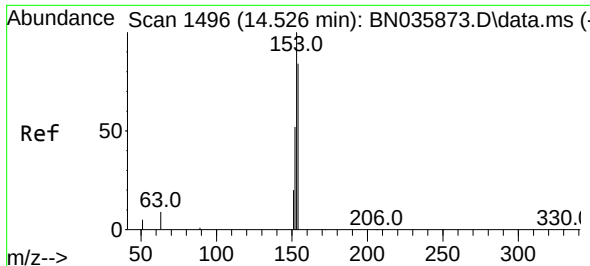
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 2272  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 37.9  | 30.5  | 45.7  |
| 170      | 26.3  | 20.8  | 31.2  |



#16  
Acenaphthylene  
Concen: 0.391 ng  
RT: 14.180 min Scan# 1415  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 2359  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 20.5  | 16.3  | 24.5  |
| 153      | 12.6  | 10.6  | 15.8  |

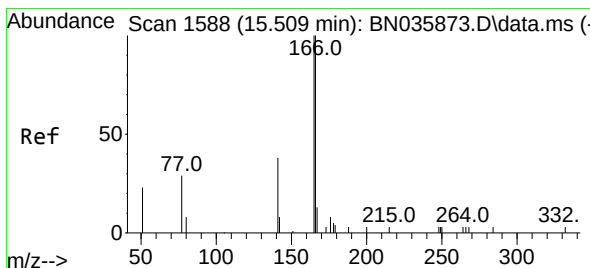
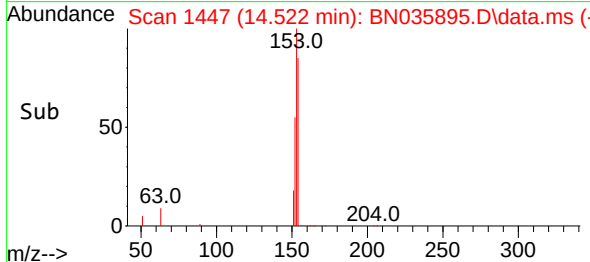
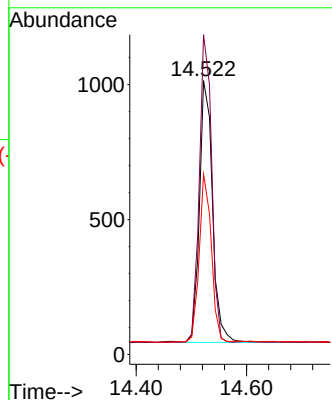
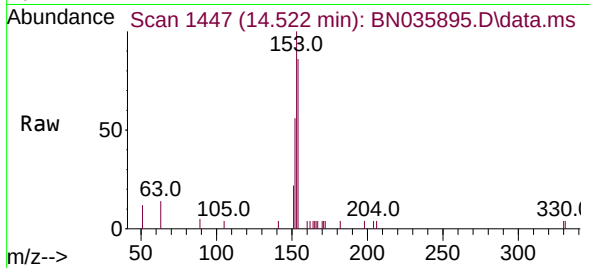




#17  
Acenaphthene  
Concen: 0.405 ng  
RT: 14.522 min Scan# 1496  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

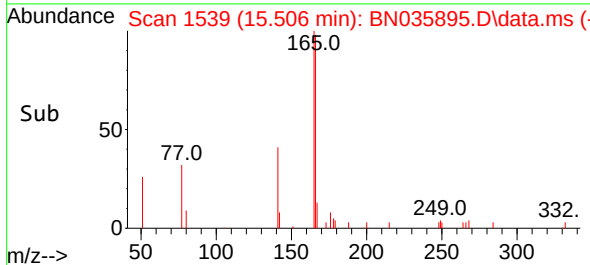
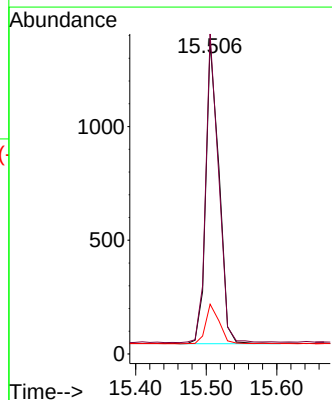
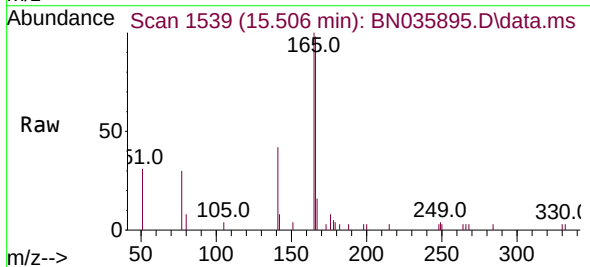
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

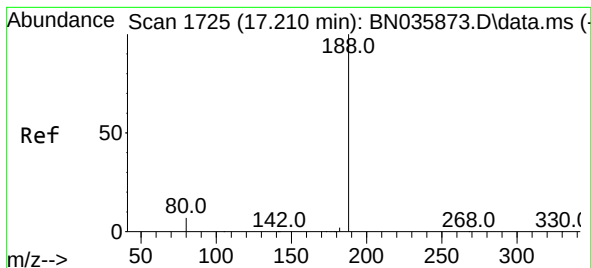
Tgt Ion:154 Resp: 1600  
Ion Ratio Lower Upper  
154 100  
153 110.6 90.5 135.7  
152 60.0 48.6 73.0



#18  
Fluorene  
Concen: 0.399 ng  
RT: 15.506 min Scan# 1539  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

Tgt Ion:166 Resp: 1737  
Ion Ratio Lower Upper  
166 100  
165 98.8 80.6 120.8  
167 13.8 11.4 17.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.206 min Scan# 1

Delta R.T. -0.004 min

Lab File: BN035895.D

Acq: 06 Jan 2025 13:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

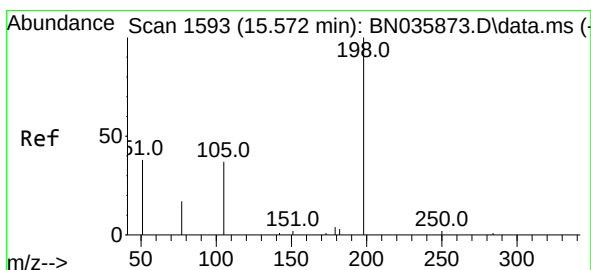
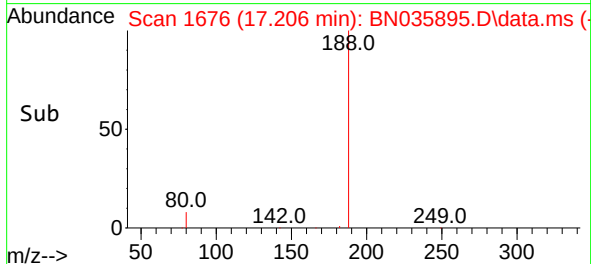
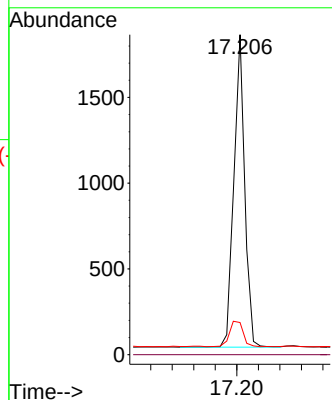
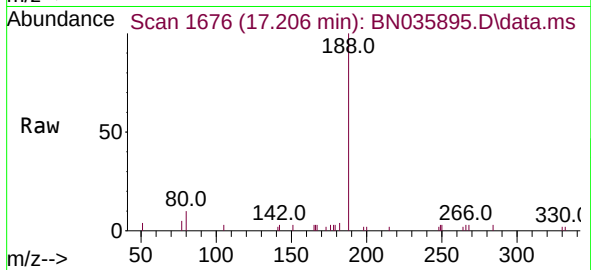
Tgt Ion:188 Resp: 2550

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 7.3 10.9



#20

4,6-Dinitro-2-methylphenol

Concen: 0.443 ng

RT: 15.568 min Scan# 1544

Delta R.T. -0.004 min

Lab File: BN035895.D

Acq: 06 Jan 2025 13:43

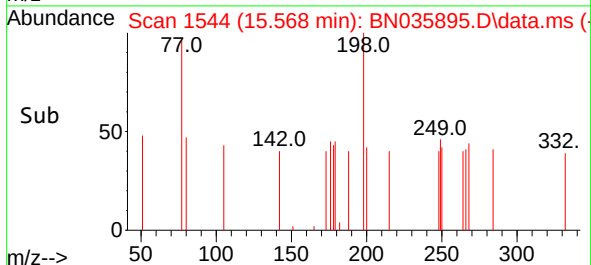
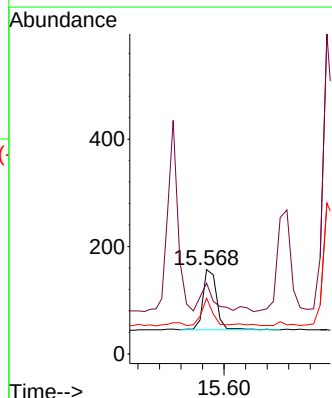
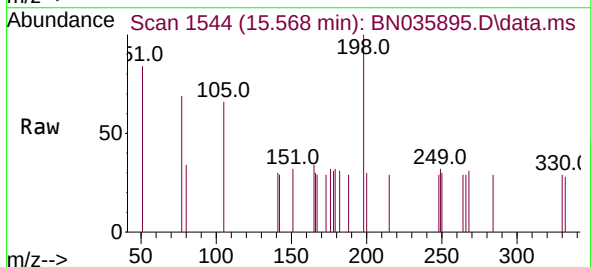
Tgt Ion:198 Resp: 196

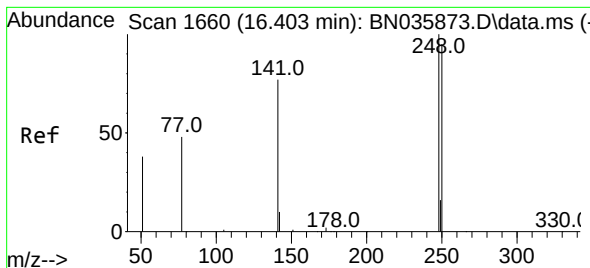
Ion Ratio Lower Upper

198 100

51 84.1 64.3 96.5

105 66.2 50.0 75.0

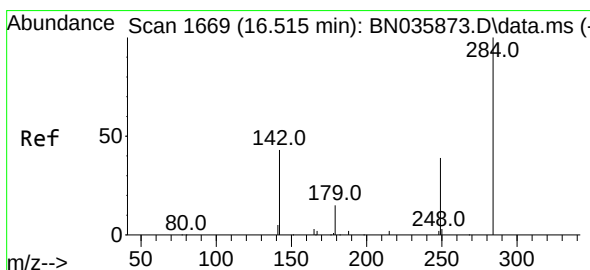
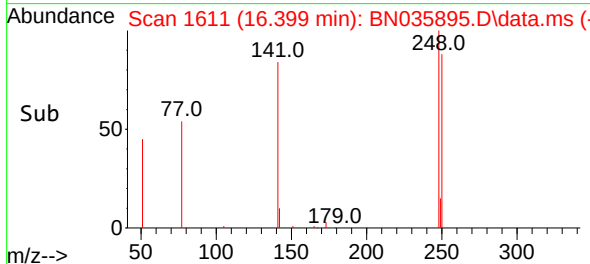
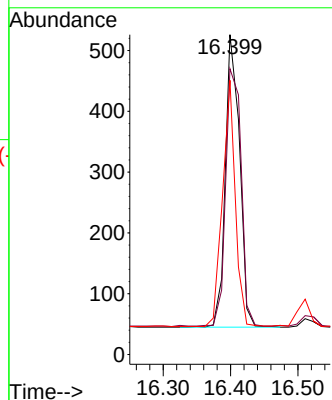
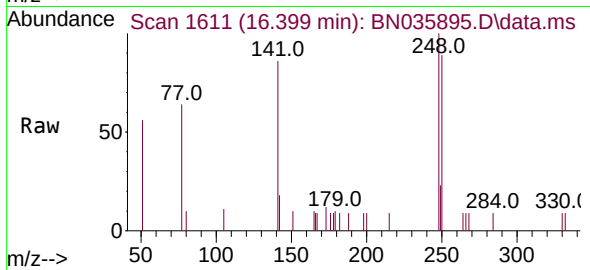




#21  
4-Bromophenyl-phenylether  
Concen: 0.402 ng  
RT: 16.399 min Scan# 1611  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

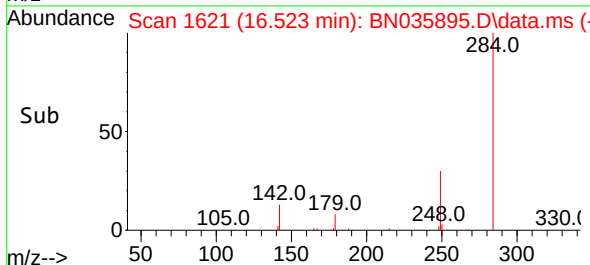
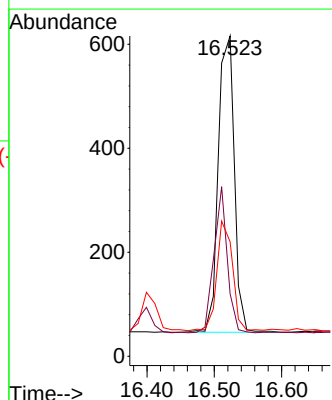
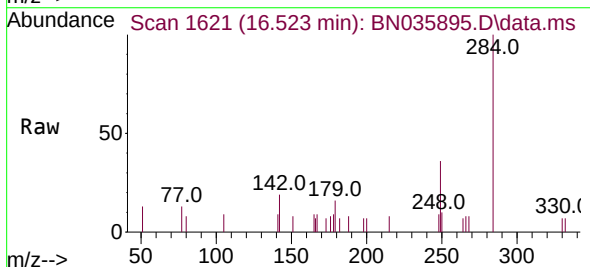
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

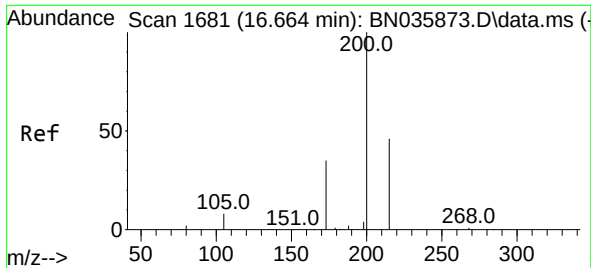
Tgt Ion:248 Resp: 702  
Ion Ratio Lower Upper  
248 100  
250 89.4 76.8 115.2  
141 85.7 63.6 95.4



#22  
Hexachlorobenzene  
Concen: 0.395 ng  
RT: 16.523 min Scan# 1621  
Delta R.T. 0.008 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

Tgt Ion:284 Resp: 941  
Ion Ratio Lower Upper  
284 100  
142 40.8 31.4 47.0  
249 36.0 27.8 41.8

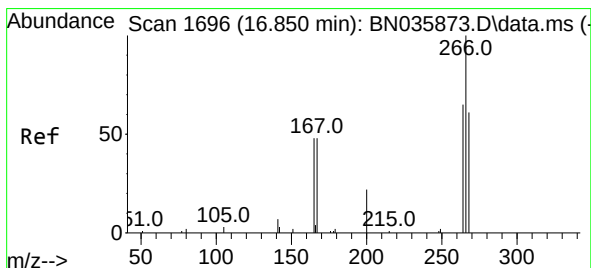
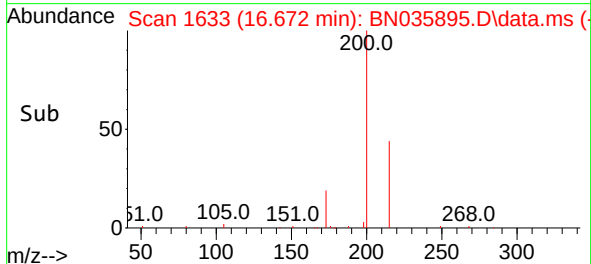
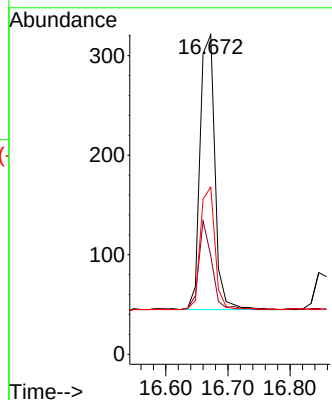
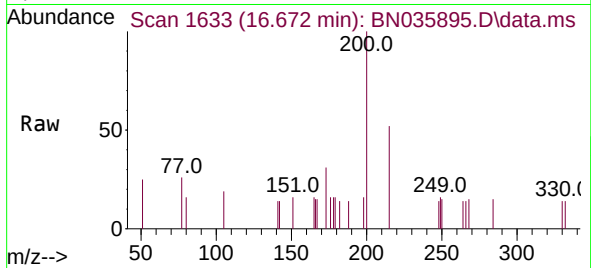




#23  
Atrazine  
Concen: 0.391 ng  
RT: 16.672 min Scan# 1633  
Delta R.T. 0.008 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

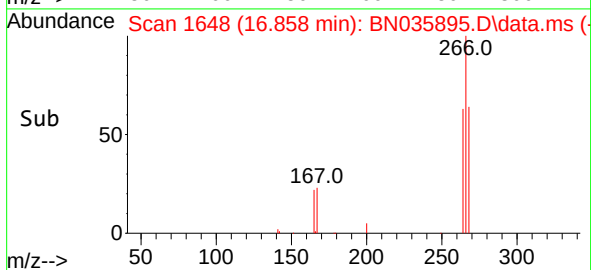
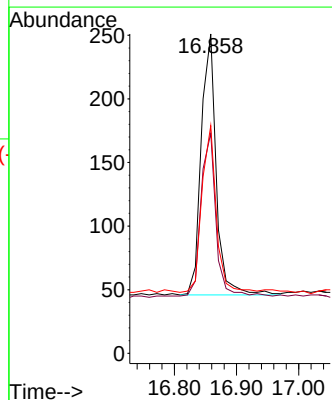
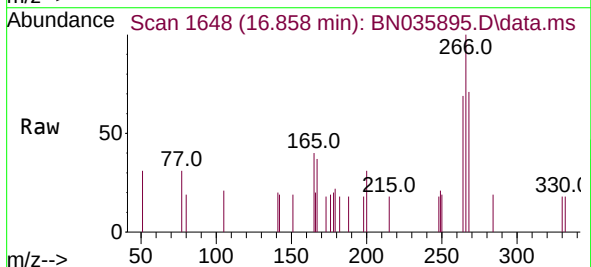
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

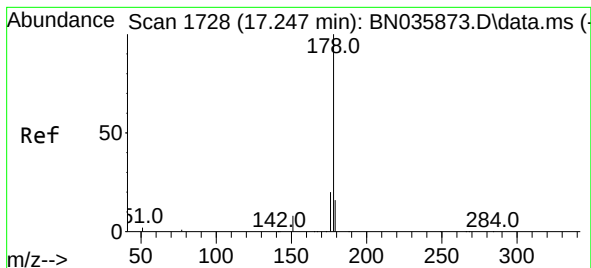
Tgt Ion:200 Resp: 459  
Ion Ratio Lower Upper  
200 100  
173 30.8 35.4 53.0#  
215 52.3 42.4 63.6



#24  
Pentachlorophenol  
Concen: 0.410 ng  
RT: 16.858 min Scan# 1648  
Delta R.T. 0.008 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

Tgt Ion:266 Resp: 346  
Ion Ratio Lower Upper  
266 100  
264 64.7 49.9 74.9  
268 61.0 50.2 75.2





#25

Phenanthrene

Concen: 0.388 ng

RT: 17.243 min Scan# 1685

Delta R.T. -0.004 min

Lab File: BN035895.D

Acq: 06 Jan 2025 13:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

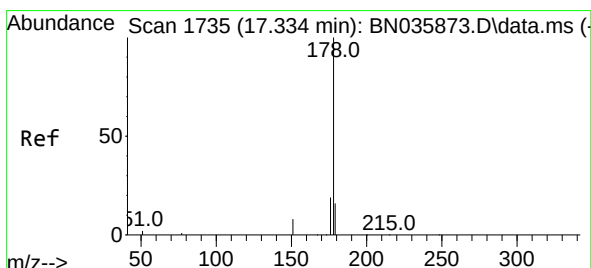
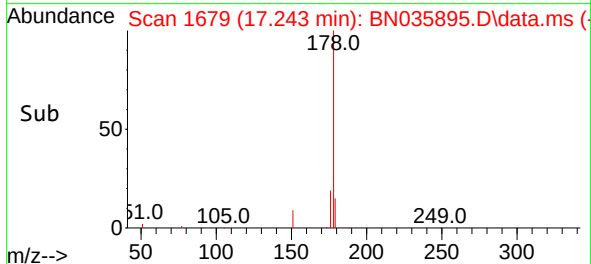
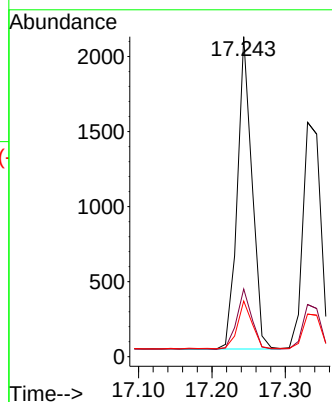
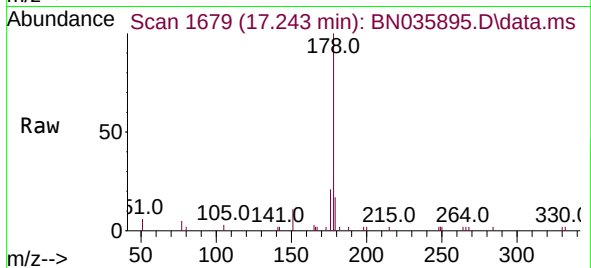
Tgt Ion:178 Resp: 2887

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

179 15.0 12.9 19.3



#26

Anthracene

Concen: 0.379 ng

RT: 17.330 min Scan# 1686

Delta R.T. -0.004 min

Lab File: BN035895.D

Acq: 06 Jan 2025 13:43

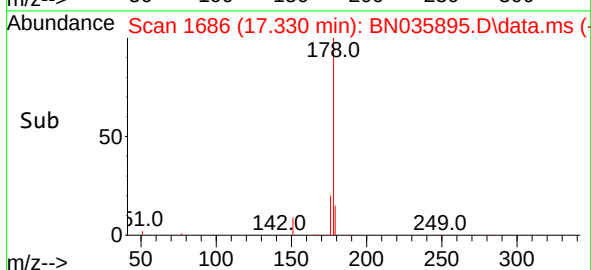
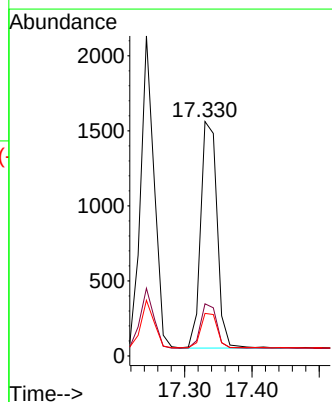
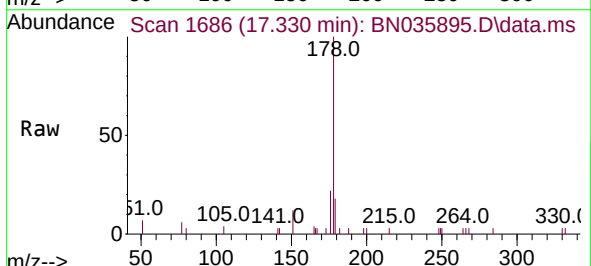
Tgt Ion:178 Resp: 2567

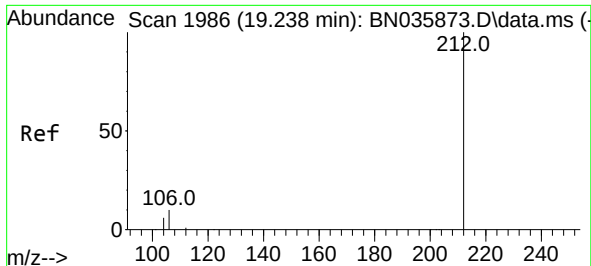
Ion Ratio Lower Upper

178 100

176 19.6 15.0 22.6

179 15.1 13.0 19.6

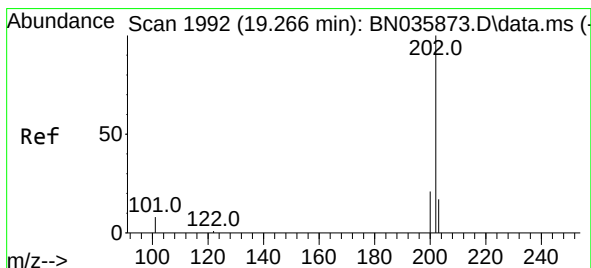
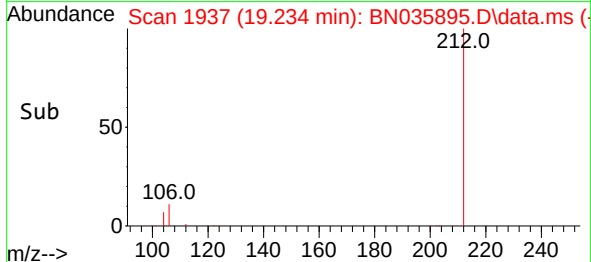
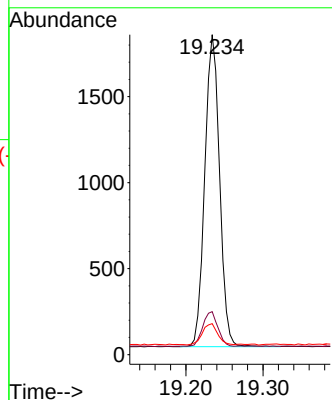
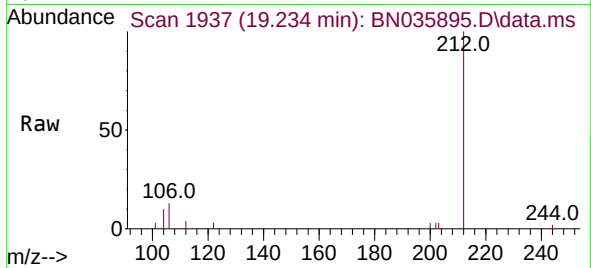




#27  
Fluoranthene-d10  
Concen: 0.382 ng  
RT: 19.234 min Scan# 1944  
Delta R.T. -0.004 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

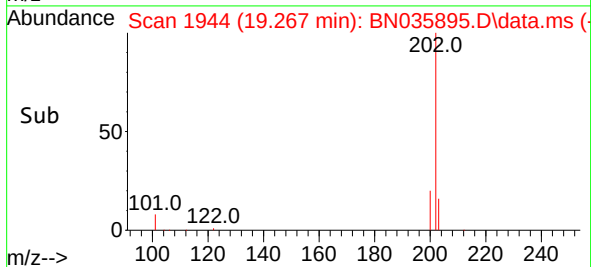
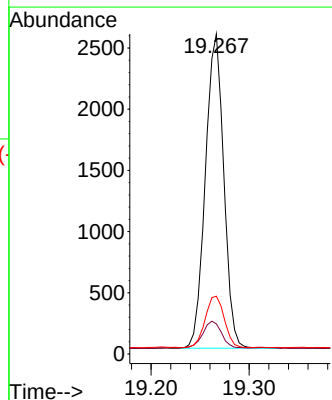
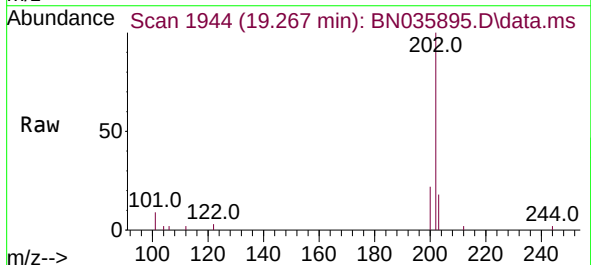
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:212 Resp: 2419  
Ion Ratio Lower Upper  
212 100  
106 11.4 9.0 13.6  
104 7.0 5.4 8.2

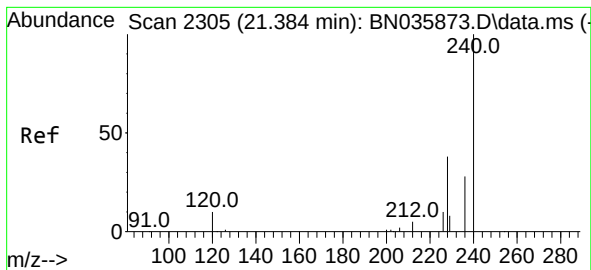


#28  
Fluoranthene  
Concen: 0.385 ng  
RT: 19.267 min Scan# 1944  
Delta R.T. 0.001 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

Tgt Ion:202 Resp: 3336  
Ion Ratio Lower Upper  
202 100  
101 9.1 7.2 10.8  
203 17.1 13.9 20.9







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.384 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN035895.D

Acq: 06 Jan 2025 13:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

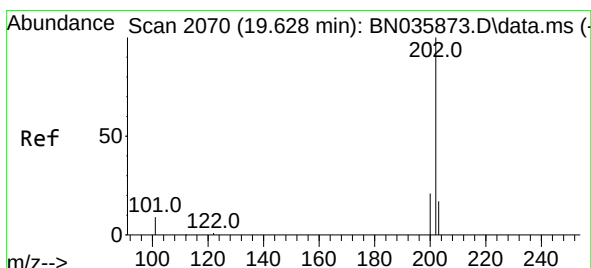
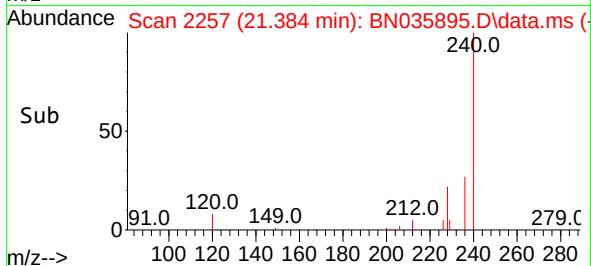
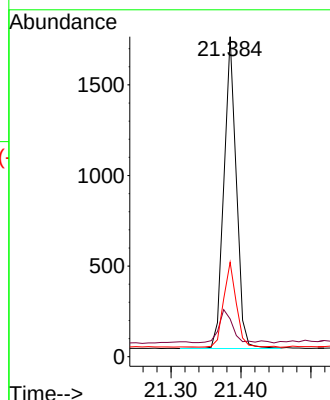
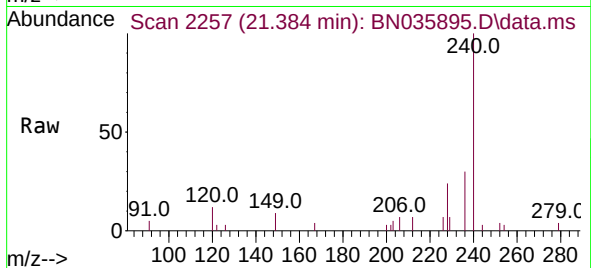
Tgt Ion:240 Resp: 2112

Ion Ratio Lower Upper

240 100

120 11.8 11.1 16.7

236 29.5 24.6 36.8



#30

Pyrene

Concen: 0.399 ng

RT: 19.624 min Scan# 2021

Delta R.T. -0.004 min

Lab File: BN035895.D

Acq: 06 Jan 2025 13:43

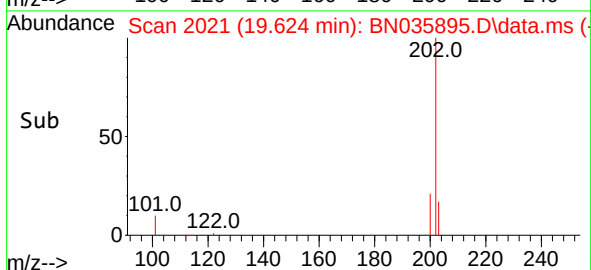
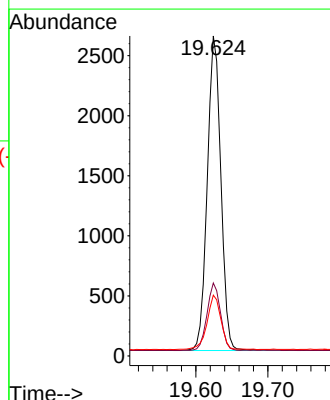
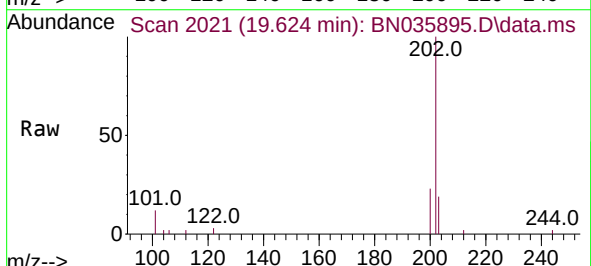
Tgt Ion:202 Resp: 3420

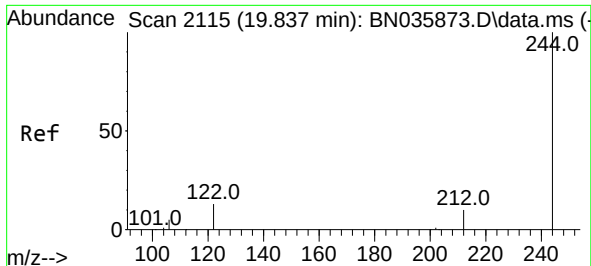
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

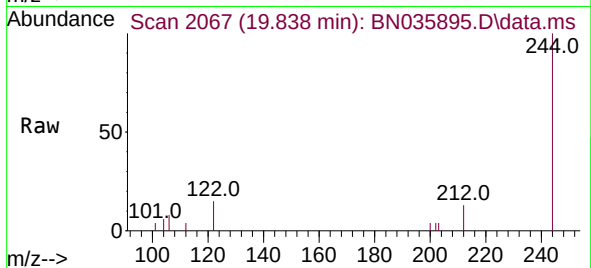
203 17.8 14.6 22.0



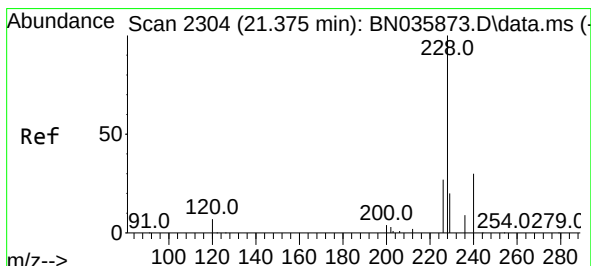
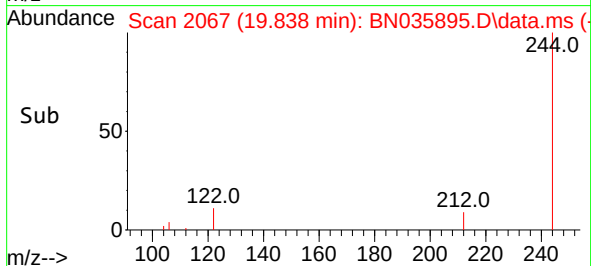
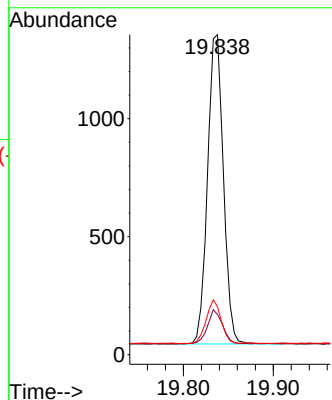


#31  
 Terphenyl-d14  
 Concen: 0.382 ng  
 RT: 19.838 min Scan# 2067  
 Delta R.T. 0.001 min  
 Lab File: BN035895.D  
 Acq: 06 Jan 2025 13:43

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

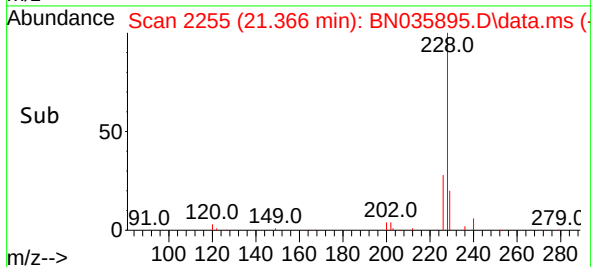
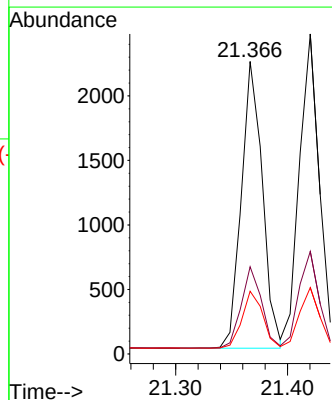
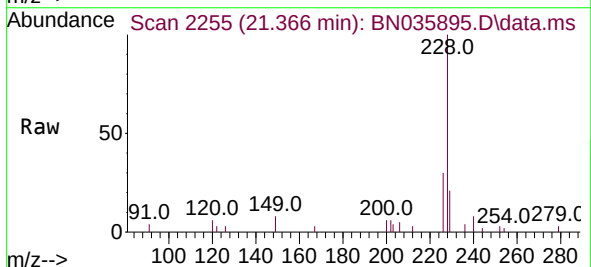


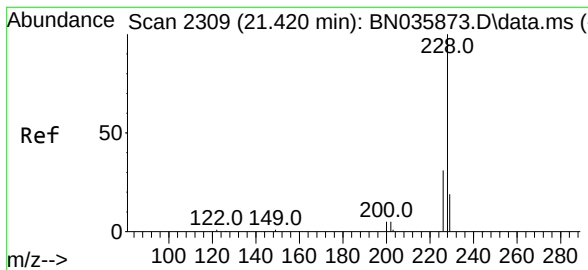
Tgt Ion:244 Resp: 1607  
 Ion Ratio Lower Upper  
 244 100  
 212 12.5 10.1 15.1  
 122 15.0 12.2 18.4



#32  
 Benzo(a)anthracene  
 Concen: 0.389 ng  
 RT: 21.366 min Scan# 2255  
 Delta R.T. -0.008 min  
 Lab File: BN035895.D  
 Acq: 06 Jan 2025 13:43

Tgt Ion:228 Resp: 2897  
 Ion Ratio Lower Upper  
 228 100  
 226 29.8 22.7 34.1  
 229 21.4 17.1 25.7





#33

Chrysene

Concen: 0.394 ng

RT: 21.420 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN035895.D

Acq: 06 Jan 2025 13:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

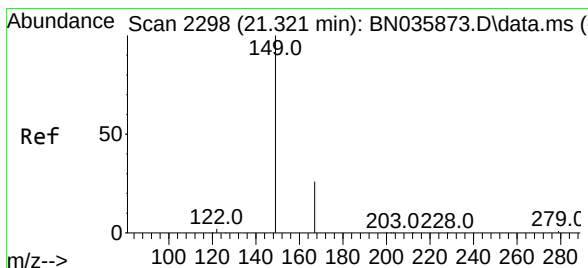
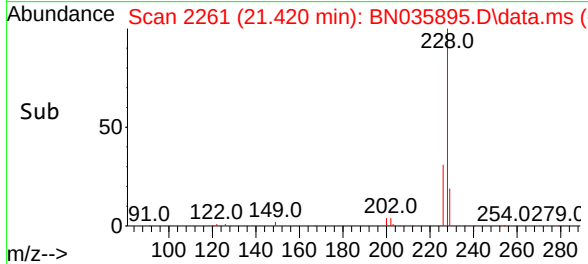
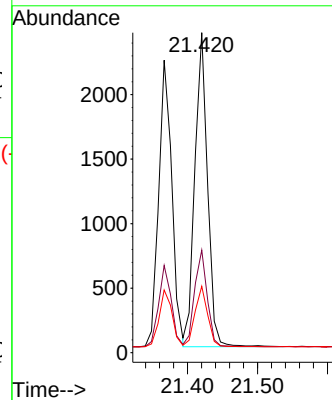
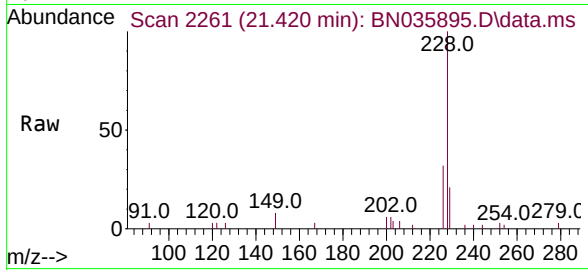
Tgt Ion:228 Resp: 3064

Ion Ratio Lower Upper

228 100

226 32.1 25.2 37.8

229 20.8 16.0 24.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.421 ng

RT: 21.322 min Scan# 2250

Delta R.T. 0.001 min

Lab File: BN035895.D

Acq: 06 Jan 2025 13:43

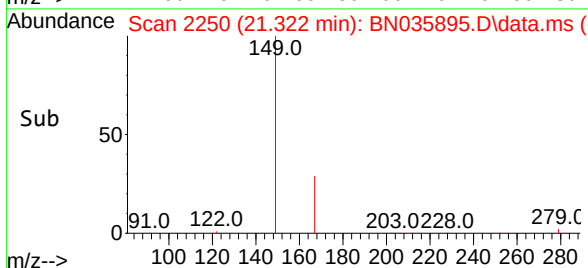
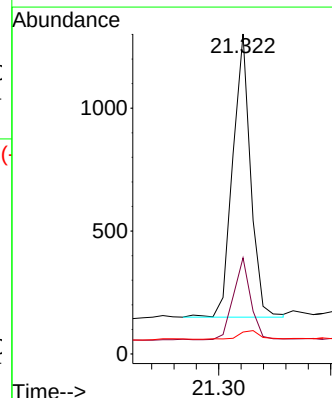
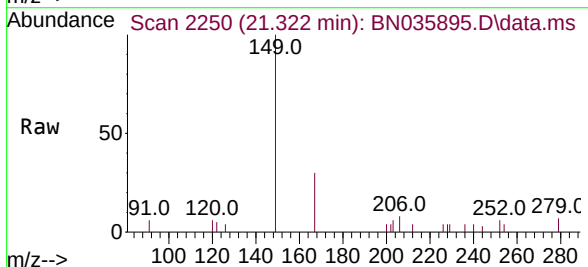
Tgt Ion:149 Resp: 1275

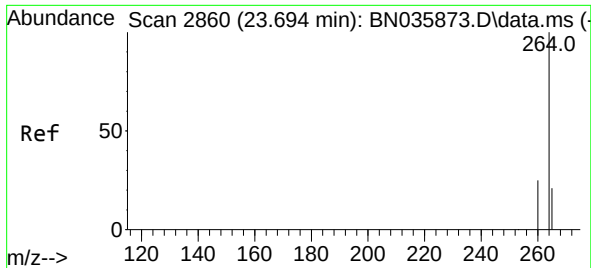
Ion Ratio Lower Upper

149 100

167 28.1 21.4 32.0

279 3.7 3.0 4.6



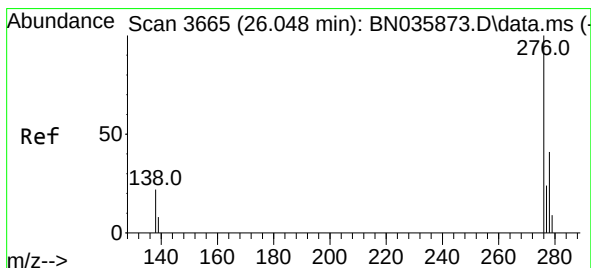
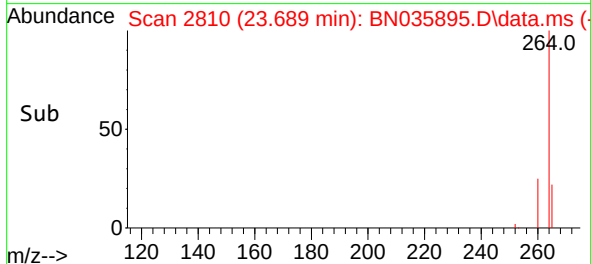
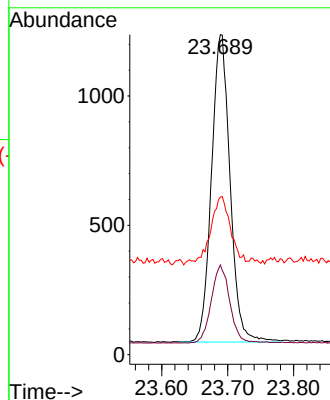
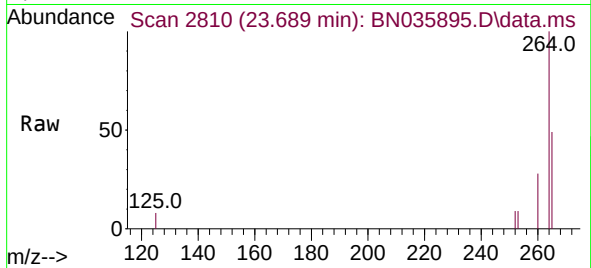


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.689 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:264 Resp: 2327  

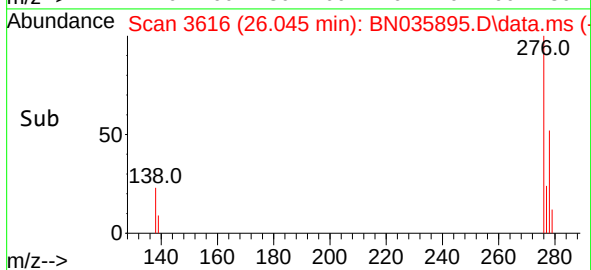
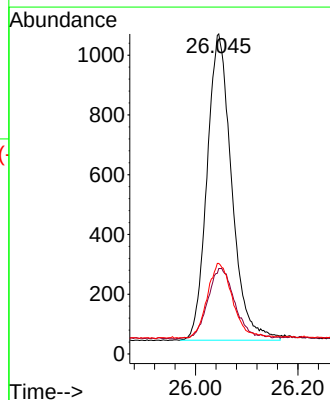
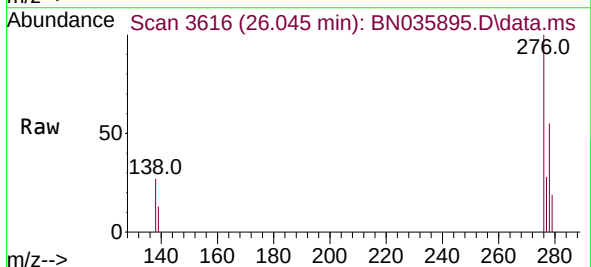
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 28.1  | 21.7  | 32.5  |
| 265 | 49.3  | 33.9  | 50.9  |

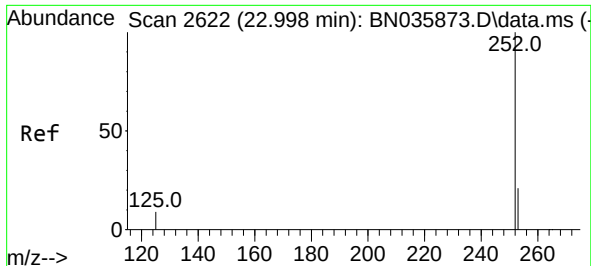


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.374 ng  
RT: 26.045 min Scan# 3616  
Delta R.T. -0.002 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

Tgt Ion:276 Resp: 3430  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 25.0  | 18.9  | 28.3  |
| 277 | 24.4  | 19.5  | 29.3  |





#37

Benzo(b)fluoranthene

Concen: 0.395 ng

RT: 22.993 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN035895.D

Acq: 06 Jan 2025 13:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

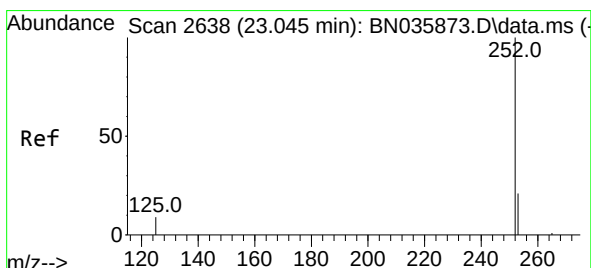
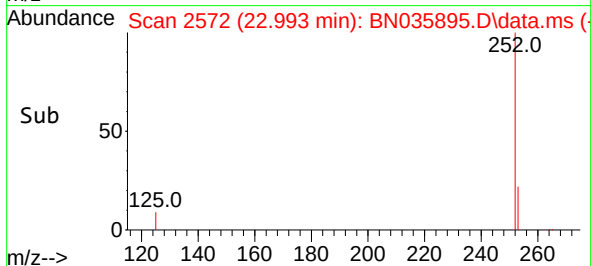
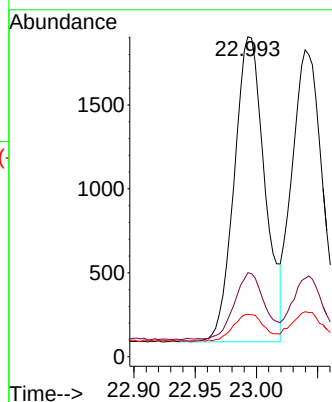
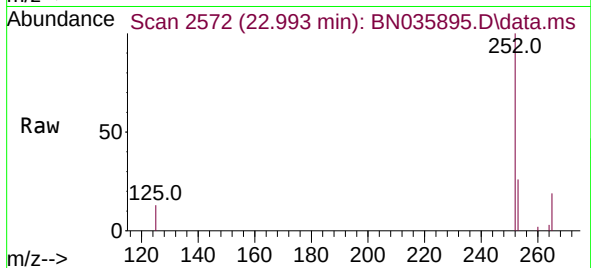
Tgt Ion:252 Resp: 3156

Ion Ratio Lower Upper

252 100

253 26.3 20.1 30.1

125 13.3 9.9 14.9



#38

Benzo(k)fluoranthene

Concen: 0.382 ng

RT: 23.040 min Scan# 2588

Delta R.T. -0.005 min

Lab File: BN035895.D

Acq: 06 Jan 2025 13:43

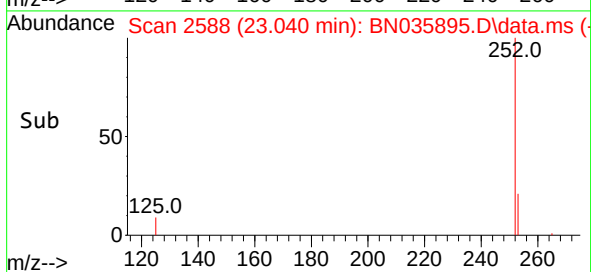
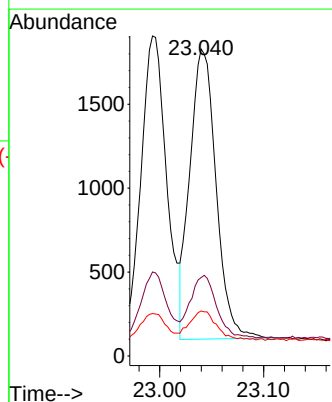
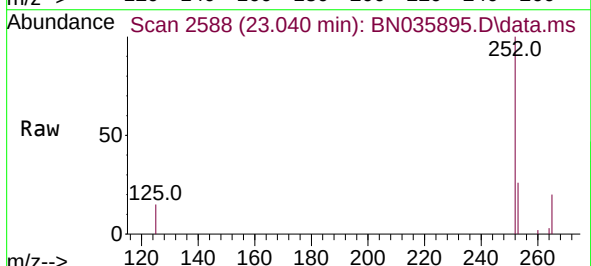
Tgt Ion:252 Resp: 3025

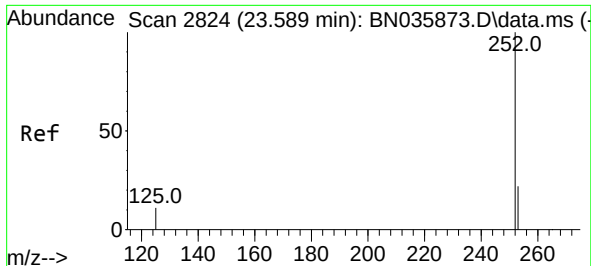
Ion Ratio Lower Upper

252 100

253 25.5 20.5 30.7

125 14.7 10.6 16.0

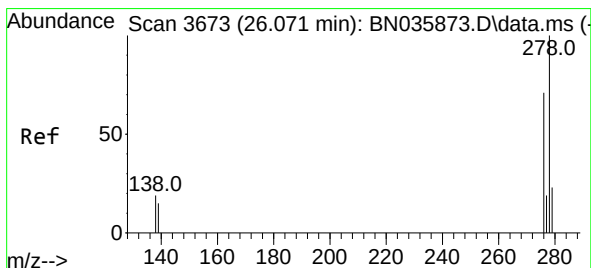
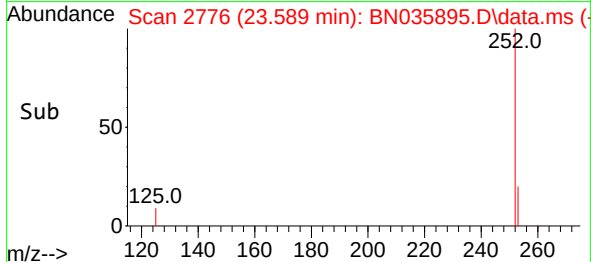
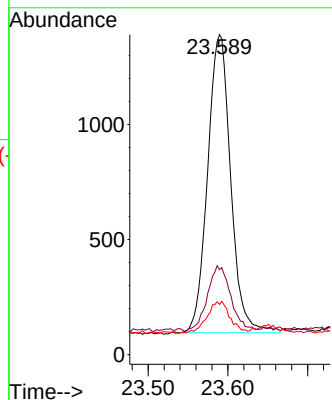
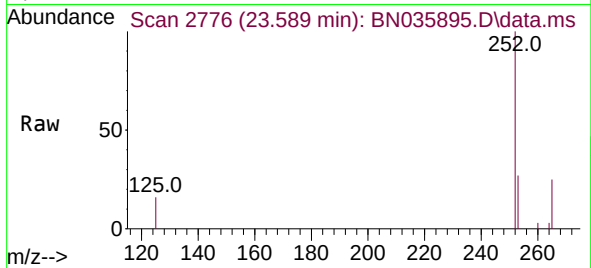




#39  
Benzo(a)pyrene  
Concen: 0.377 ng  
RT: 23.589 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

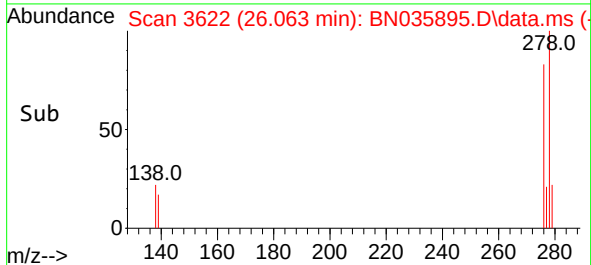
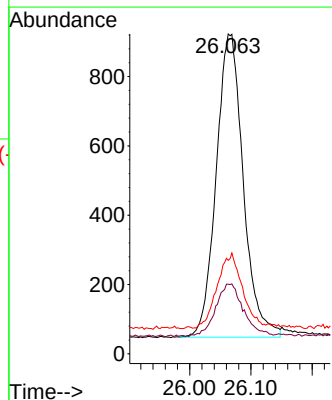
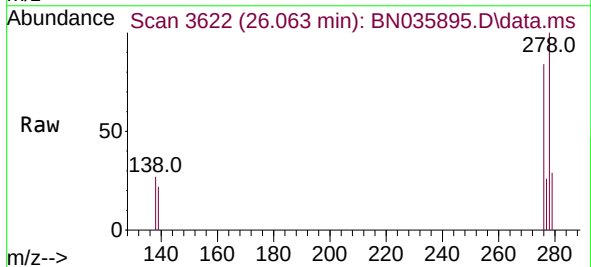
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

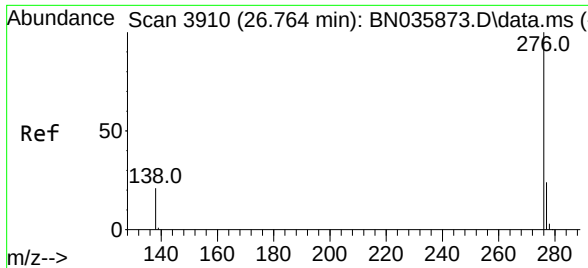
Tgt Ion:252 Resp: 2610  
Ion Ratio Lower Upper  
252 100  
253 26.5 21.5 32.3  
125 15.7 12.6 19.0



#40  
Dibenzo(a,h)anthracene  
Concen: 0.368 ng  
RT: 26.063 min Scan# 3622  
Delta R.T. -0.008 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

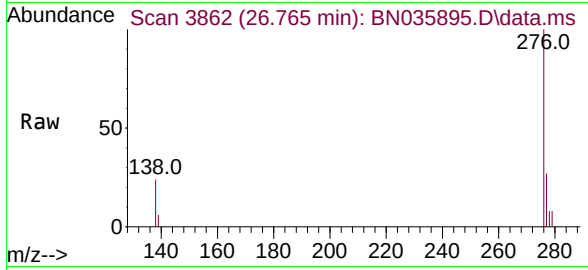
Tgt Ion:278 Resp: 2689  
Ion Ratio Lower Upper  
278 100  
139 21.8 15.9 23.9  
279 29.3 23.0 34.4





#41  
Benzo(g,h,i)perylene  
Concen: 0.373 ng  
RT: 26.765 min Scan# 31  
Delta R.T. 0.001 min  
Lab File: BN035895.D  
Acq: 06 Jan 2025 13:43

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:276 Resp: 3048  
Ion Ratio Lower Upper  
276 100  
277 27.4 22.8 34.2  
138 24.0 20.1 30.1

