

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012225\  
 Data File : BN036012.D  
 Acq On : 22 Jan 2025 12:13  
 Operator : RC/JU  
 Sample : SSTDICCC0.4  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICCC0.4

Quant Time: Jan 23 00:27:58 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 23 00:26:39 2025  
 Response via : Initial Calibration

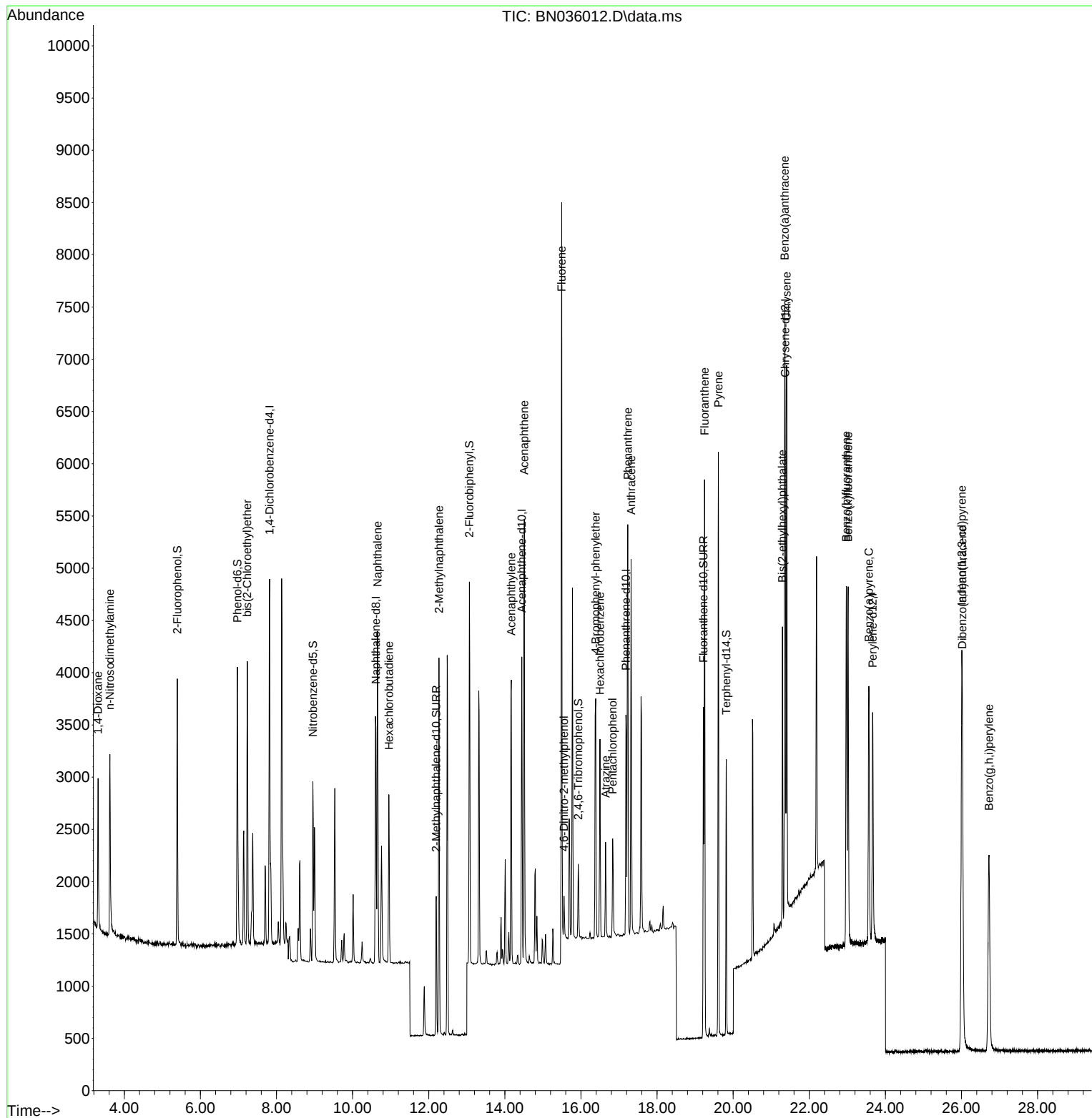
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.817  | 152  | 1648     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.611 | 136  | 3123     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.447 | 164  | 1581     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.181 | 188  | 3136     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.367 | 240  | 2848     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.666 | 264  | 2976     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.391  | 112  | 1800     | 0.420 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.972  | 99   | 2093     | 0.416 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.956  | 82   | 1246     | 0.423 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.198 | 152  | 1806     | 0.425 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.928 | 330  | 405      | 0.399 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.068 | 172  | 3057     | 0.433 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.220 | 212  | 3484     | 0.429 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.819 | 244  | 2482     | 0.420 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.311  | 88   | 773      | 0.420 | ng    | 100      |
| 3) n-Nitrosodimethylamine     | 3.621  | 42   | 1446     | 0.433 | ng    | 100      |
| 6) bis(2-Chloroethyl)ether    | 7.232  | 93   | 1740     | 0.429 | ng    | 100      |
| 9) Naphthalene                | 10.654 | 128  | 3905     | 0.431 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.953 | 225  | 1263     | 0.431 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.269 | 142  | 2372     | 0.421 | ng    | 100      |
| 16) Acenaphthylene            | 14.169 | 152  | 3180     | 0.424 | ng    | 100      |
| 17) Acenaphthene              | 14.511 | 154  | 2158     | 0.420 | ng    | 100      |
| 18) Fluorene                  | 15.495 | 166  | 2582     | 0.402 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.555 | 198  | 298      | 0.408 | ng    | 100      |
| 21) 4-Bromophenyl-phenylether | 16.387 | 248  | 962      | 0.431 | ng    | 100      |
| 22) Hexachlorobenzene         | 16.499 | 284  | 1276     | 0.434 | ng    | 100      |
| 23) Atrazine                  | 16.647 | 200  | 684      | 0.424 | ng    | 100      |
| 24) Pentachlorophenol         | 16.834 | 266  | 513      | 0.403 | ng    | 100      |
| 25) Phenanthrene              | 17.231 | 178  | 4082     | 0.433 | ng    | 100      |
| 26) Anthracene                | 17.318 | 178  | 3608     | 0.421 | ng    | 100      |
| 28) Fluoranthene              | 19.248 | 202  | 4727     | 0.427 | ng    | 100      |
| 30) Pyrene                    | 19.610 | 202  | 4821     | 0.418 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.358 | 228  | 4281     | 0.414 | ng    | 100      |
| 33) Chrysene                  | 21.402 | 228  | 4399     | 0.417 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.295 | 149  | 2273     | 0.402 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.010 | 276  | 4823     | 0.404 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 22.973 | 252  | 4454     | 0.412 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 23.019 | 252  | 4423     | 0.406 | ng    | 100      |
| 39) Benzo(a)pyrene            | 23.566 | 252  | 3759     | 0.407 | ng    | 100      |
| 40) Dibenzo(a,h)anthracene    | 26.022 | 278  | 3838     | 0.403 | ng    | 100      |
| 41) Benzo(g,h,i)perylene      | 26.724 | 276  | 4244     | 0.409 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

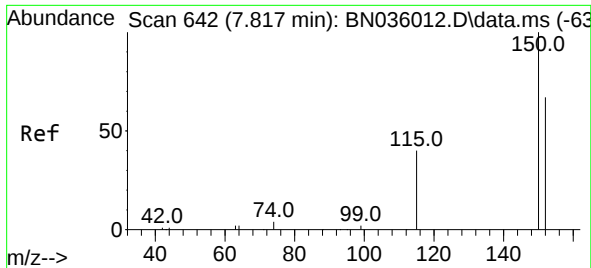
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012225\  
Data File : BN036012.D  
Acq On : 22 Jan 2025 12:13  
Operator : RC/JU  
Sample : SSTDICC0.4  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.4

Quant Time: Jan 23 00:27:58 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 23 00:26:39 2025  
Response via : Initial Calibration

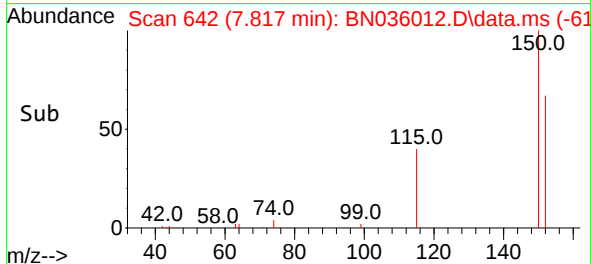
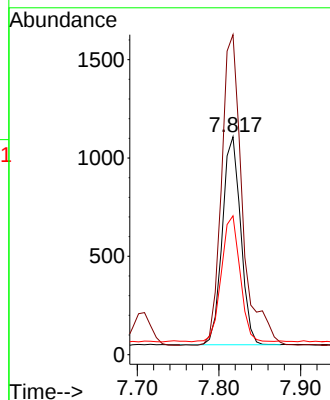
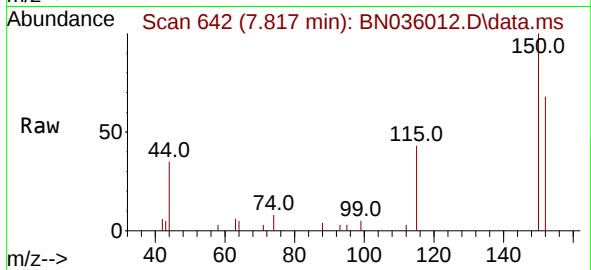




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.817 min Scan# 64  
 Delta R.T. 0.000 min  
 Lab File: BN036012.D  
 Acq: 22 Jan 2025 12:13

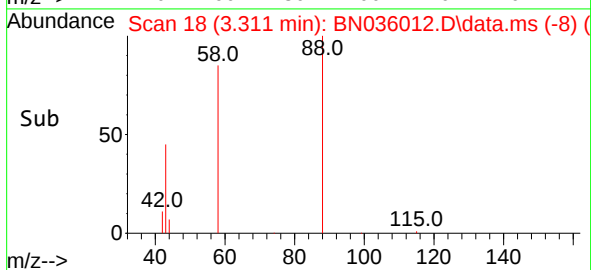
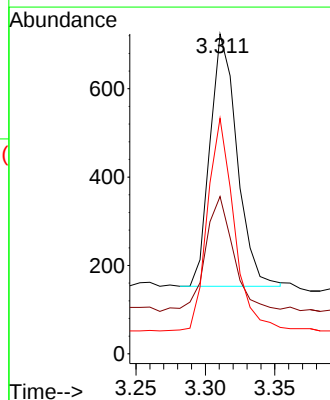
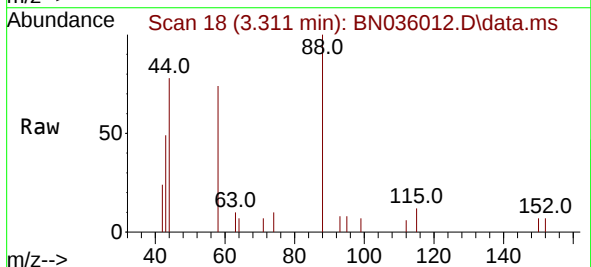
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICCC0.4

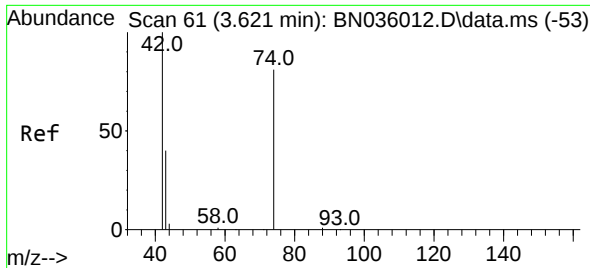
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 Ion Ratio Lower Upper  
 152 100  
 150 146.8 117.4 176.2  
 115 63.7 51.0 76.4



#2  
 1,4-Dioxane  
 Concen: 0.420 ng  
 RT: 3.311 min Scan# 18  
 Delta R.T. 0.000 min  
 Lab File: BN036012.D  
 Acq: 22 Jan 2025 12:13

Tgt Ion: 88 Resp: 773  
 Ion Ratio Lower Upper  
 88 100  
 43 48.1 38.5 57.7  
 58 83.2 66.6 99.8

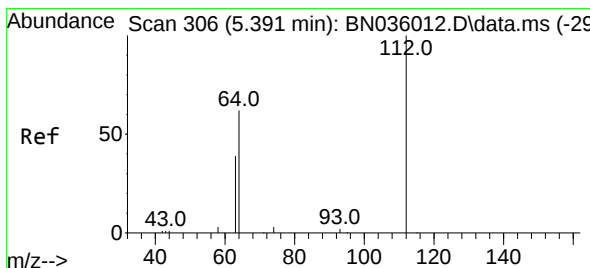
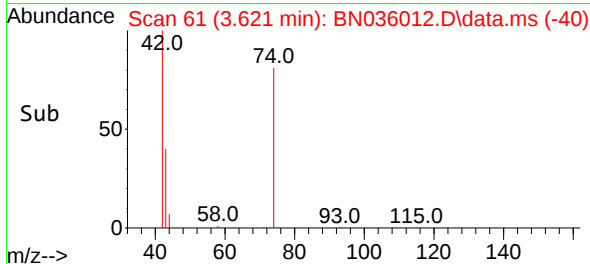
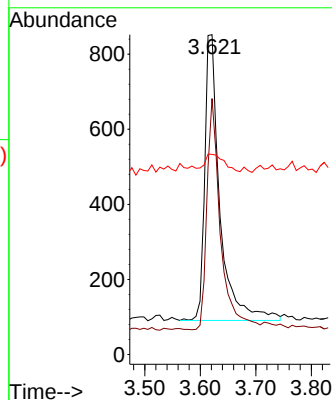
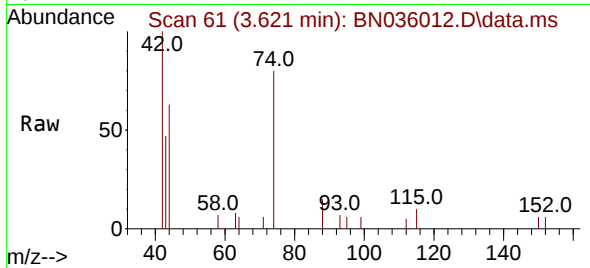




#3  
 n-Nitrosodimethylamine  
 Concen: 0.433 ng  
 RT: 3.621 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN036012.D  
 Acq: 22 Jan 2025 12:13

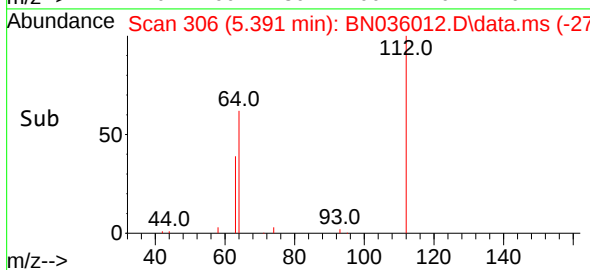
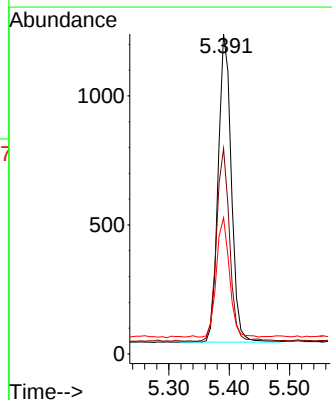
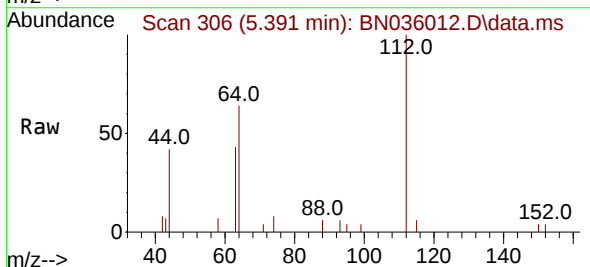
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.4

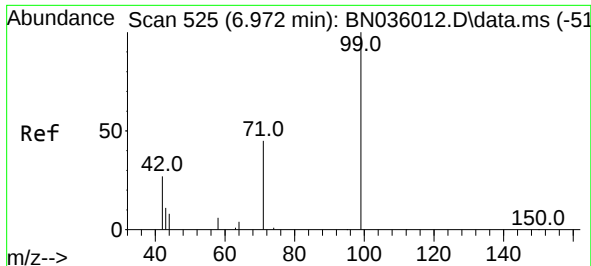
Tgt Ion: 42 Resp: 1446  
 Ion Ratio Lower Upper  
 42 100  
 74 72.6 58.1 87.1  
 44 7.8 6.2 9.4



#4  
 2-Fluorophenol  
 Concen: 0.420 ng  
 RT: 5.391 min Scan# 306  
 Delta R.T. 0.000 min  
 Lab File: BN036012.D  
 Acq: 22 Jan 2025 12:13

Tgt Ion: 112 Resp: 1800  
 Ion Ratio Lower Upper  
 112 100  
 64 62.5 50.0 75.0  
 63 38.4 30.7 46.1

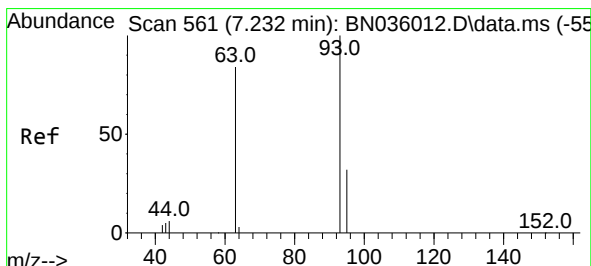
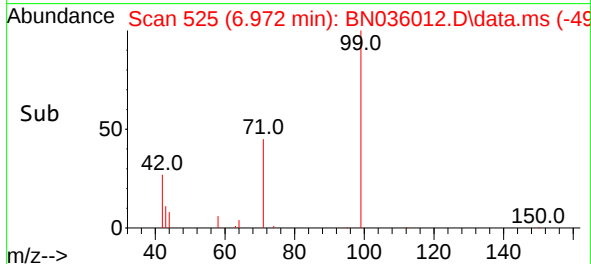
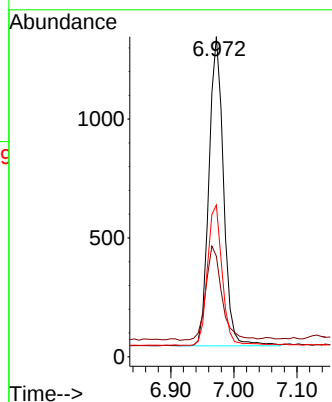
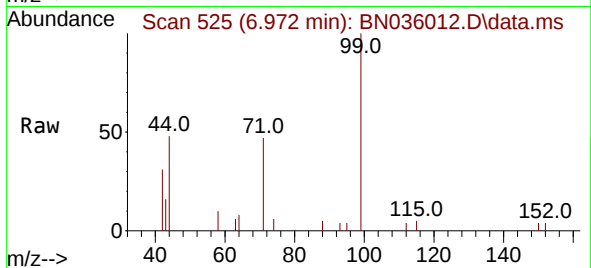




#5  
Phenol-d6  
Concen: 0.416 ng  
RT: 6.972 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

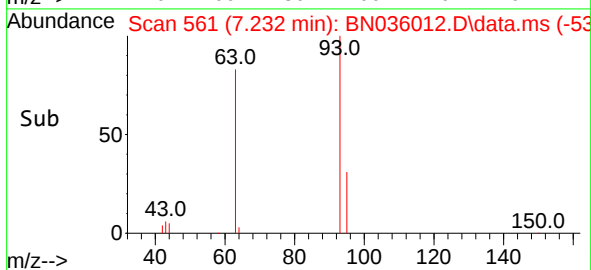
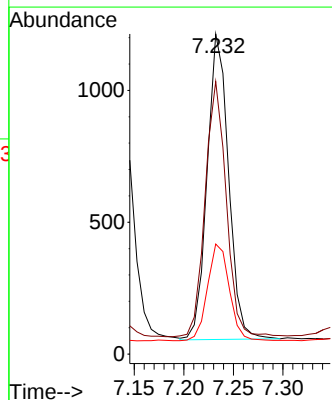
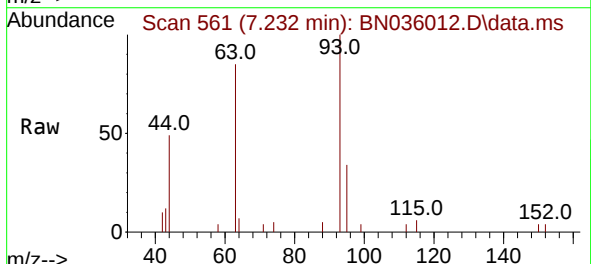
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

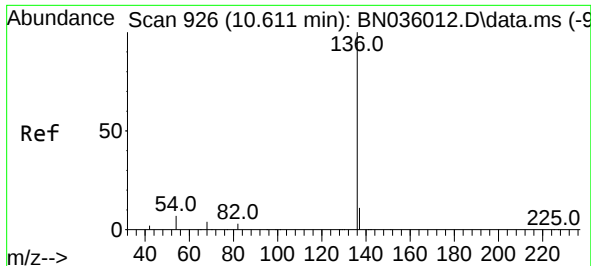
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 2093  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 33.5  | 26.8  | 40.2  |
| 71       | 45.8  | 36.6  | 55.0  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.429 ng  
RT: 7.232 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 1740  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 82.2  | 65.8  | 98.6  |
| 95       | 32.2  | 25.8  | 38.6  |

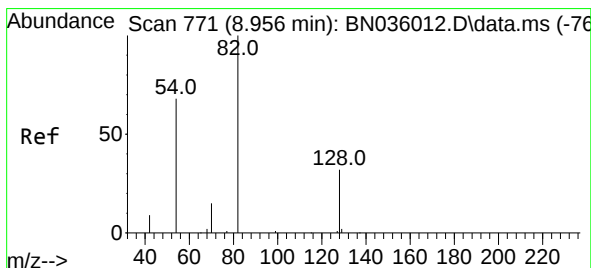
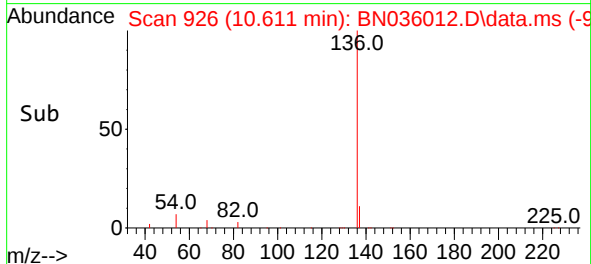
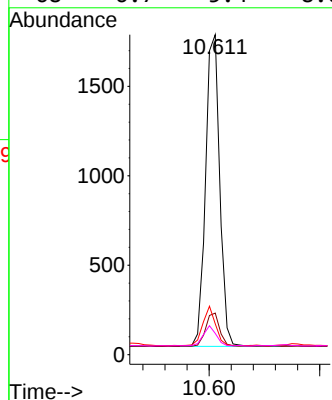
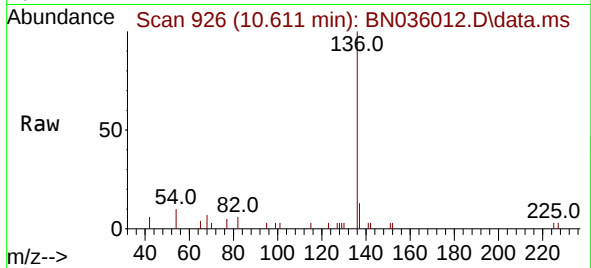




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.611 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

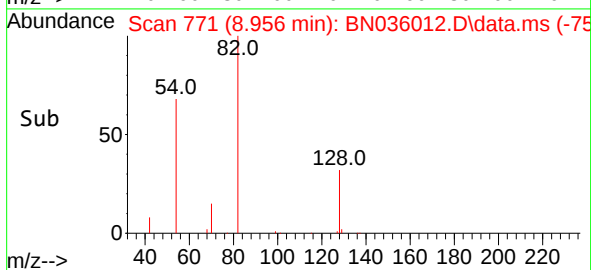
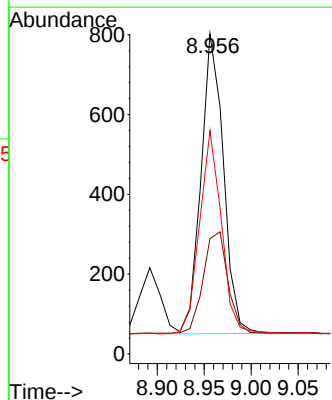
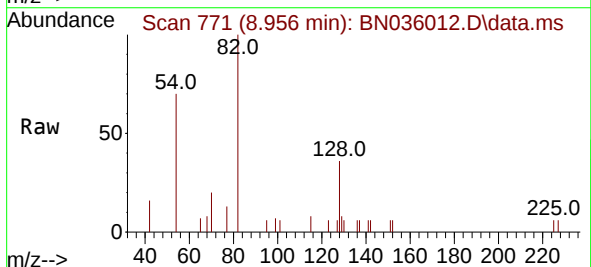
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

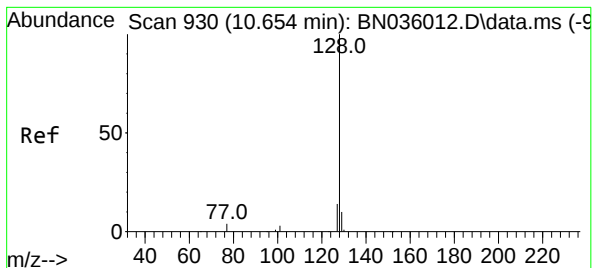
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 3123  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.0  | 10.4  | 15.6  |
| 54       | 9.6   | 7.7   | 11.5  |
| 68       | 6.7   | 5.4   | 8.0   |



#8  
Nitrobenzene-d5  
Concen: 0.423 ng  
RT: 8.956 min Scan# 771  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1246  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 36.0  | 28.8  | 43.2  |
| 54       | 69.8  | 55.8  | 83.8  |





#9

Naphthalene

Concen: 0.431 ng

RT: 10.654 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN036012.D

Acq: 22 Jan 2025 12:13

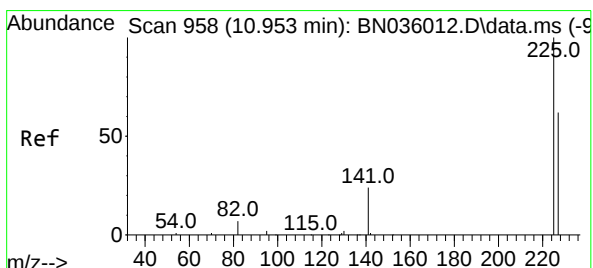
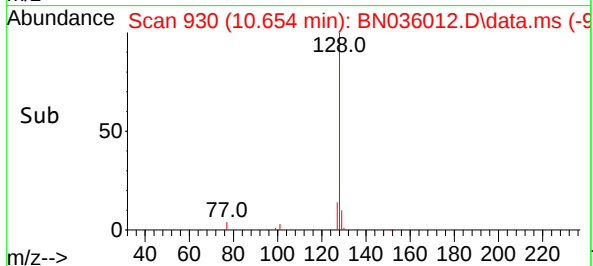
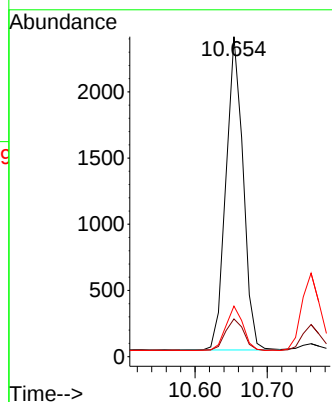
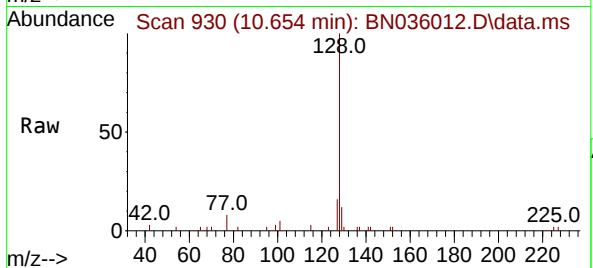
Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 3905  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.8  | 9.4   | 14.2  |
| 127      | 15.8  | 12.6  | 19.0  |



#10

Hexachlorobutadiene

Concen: 0.431 ng

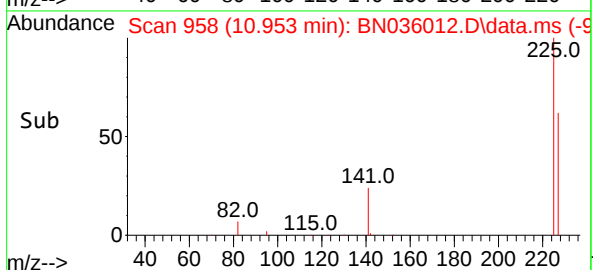
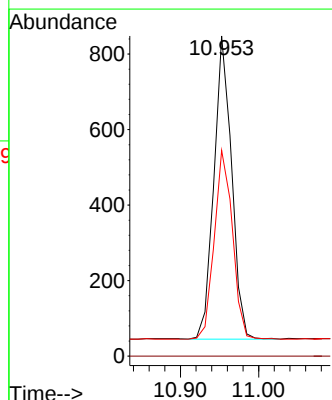
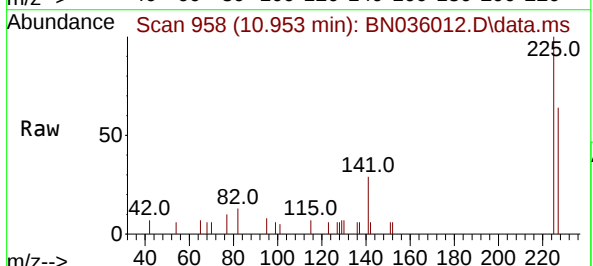
RT: 10.953 min Scan# 958

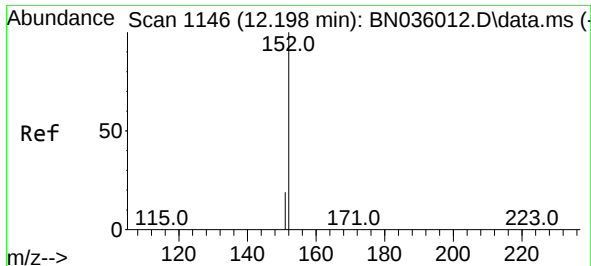
Delta R.T. 0.000 min

Lab File: BN036012.D

Acq: 22 Jan 2025 12:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1263  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.8  | 51.0  | 76.6  |

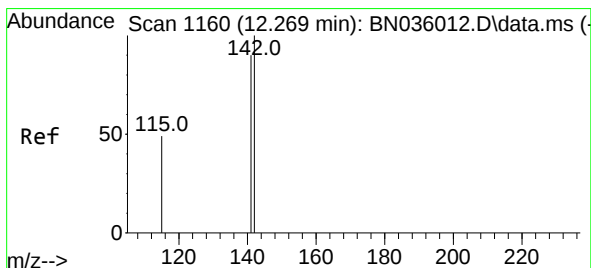
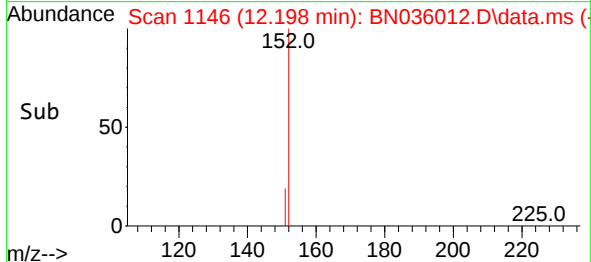
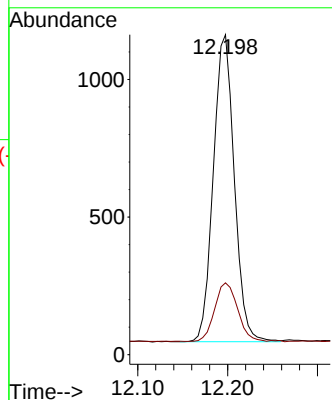
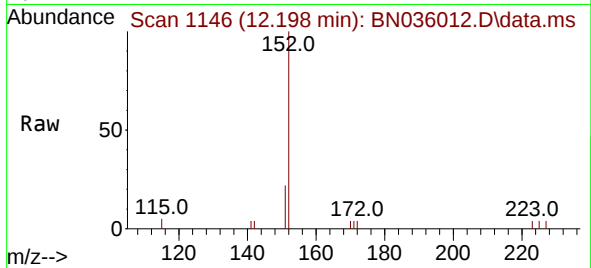




#11  
2-Methylnaphthalene-d10  
Concen: 0.425 ng  
RT: 12.198 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

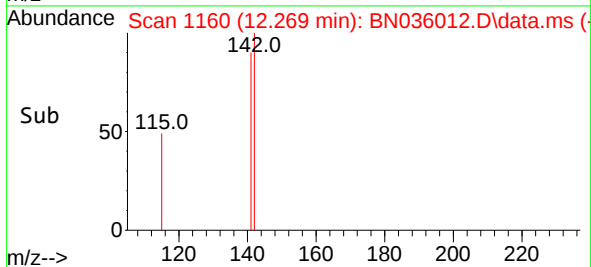
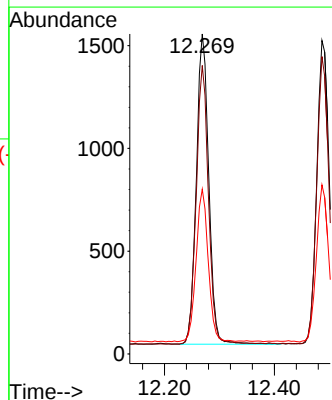
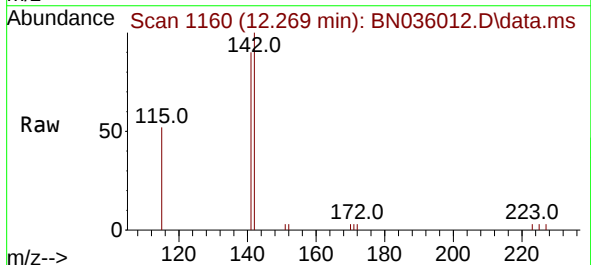
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

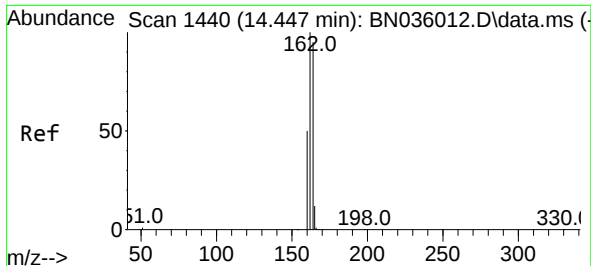
Tgt Ion:152 Resp: 1806  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.6 25.0



#12  
2-Methylnaphthalene  
Concen: 0.421 ng  
RT: 12.269 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

Tgt Ion:142 Resp: 2372  
Ion Ratio Lower Upper  
142 100  
141 90.2 72.2 108.2  
115 51.5 41.2 61.8

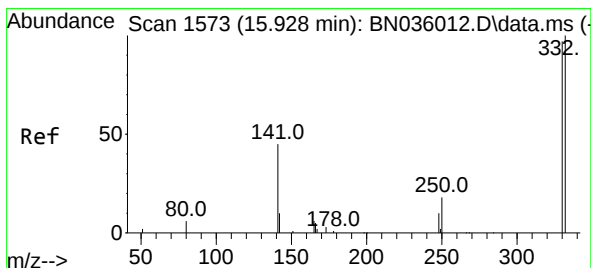
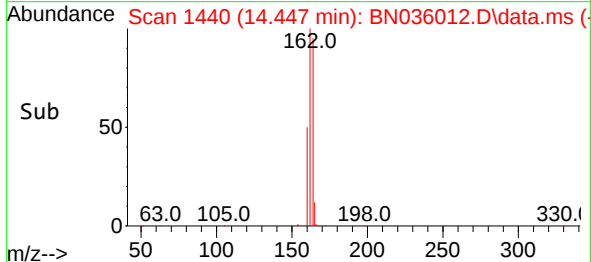
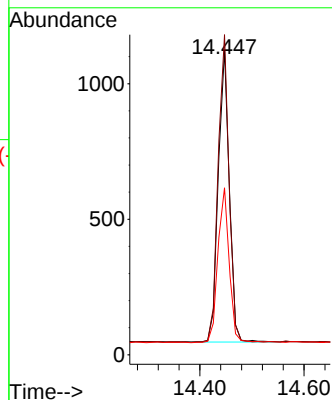
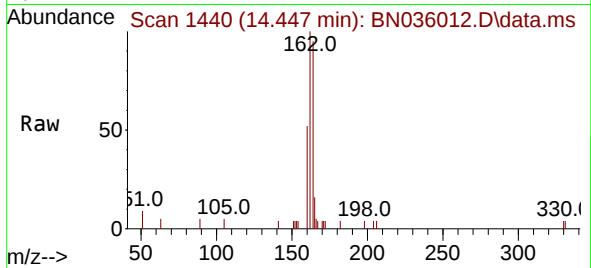




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.447 min Scan# 1440  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

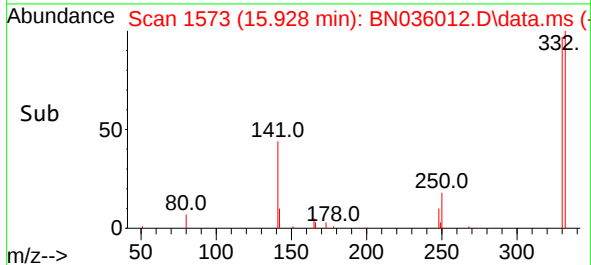
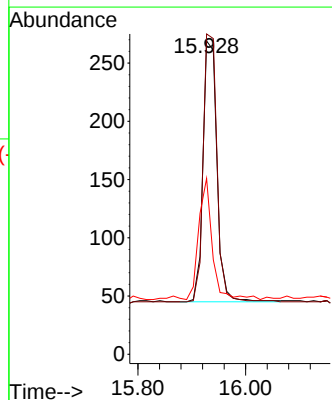
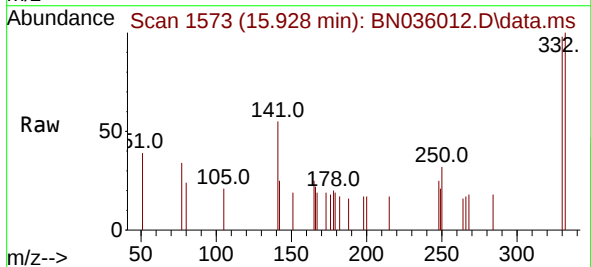
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

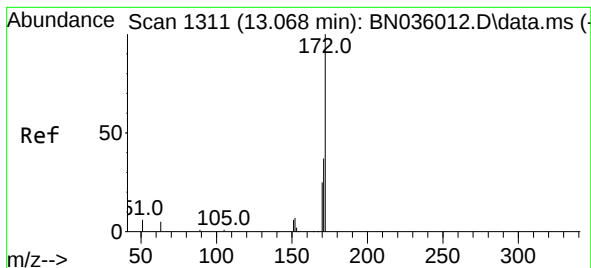
Tgt Ion:164 Resp: 1581  
Ion Ratio Lower Upper  
164 100  
162 105.1 84.1 126.1  
160 54.8 43.8 65.8



#14  
2,4,6-Tribromophenol  
Concen: 0.399 ng  
RT: 15.928 min Scan# 1573  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

Tgt Ion:330 Resp: 405  
Ion Ratio Lower Upper  
330 100  
332 101.2 81.0 121.4  
141 45.9 36.7 55.1





#15

2-Fluorobiphenyl

Concen: 0.433 ng

RT: 13.068 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BN036012.D

Acq: 22 Jan 2025 12:13

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

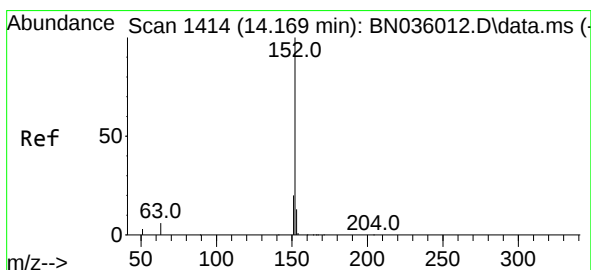
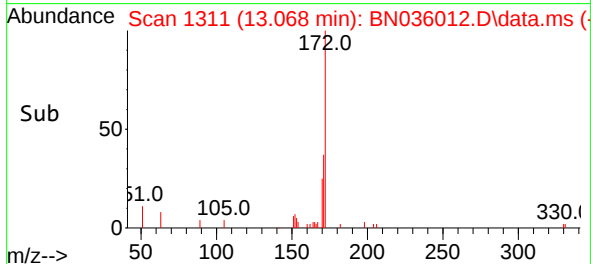
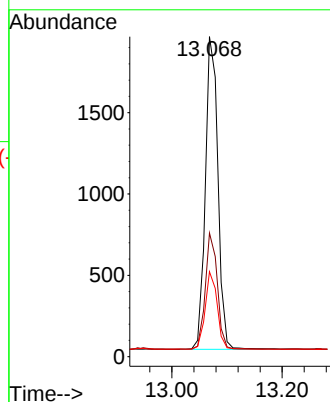
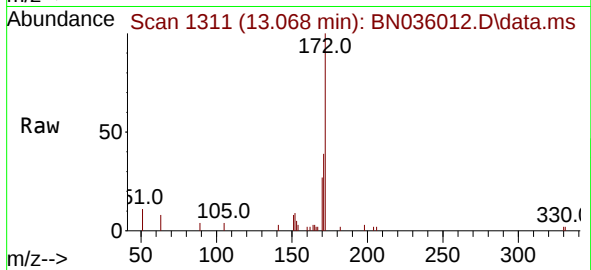
Tgt Ion:172 Resp: 3057

Ion Ratio Lower Upper

172 100

171 38.6 30.9 46.3

170 26.5 21.2 31.8



#16

Acenaphthylene

Concen: 0.424 ng

RT: 14.169 min Scan# 1414

Delta R.T. 0.000 min

Lab File: BN036012.D

Acq: 22 Jan 2025 12:13

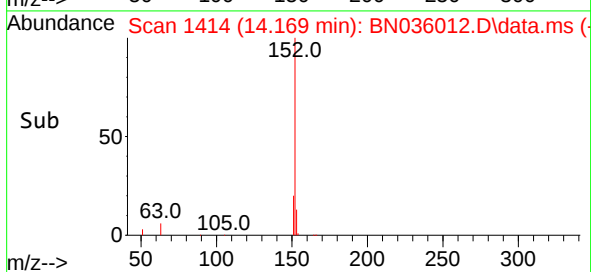
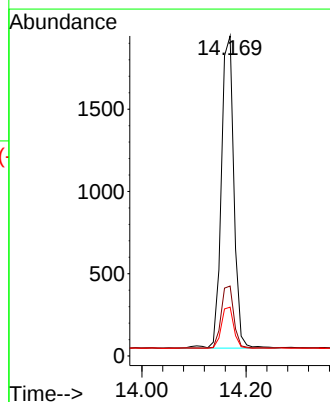
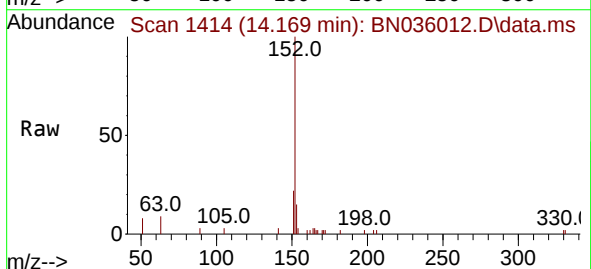
Tgt Ion:152 Resp: 3180

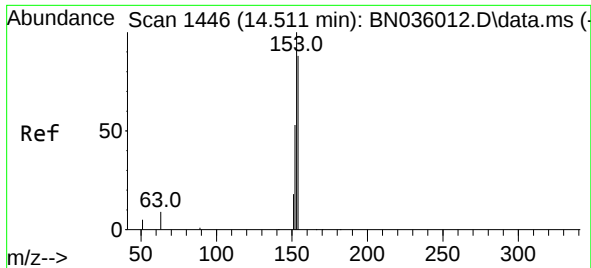
Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.0 10.4 15.6

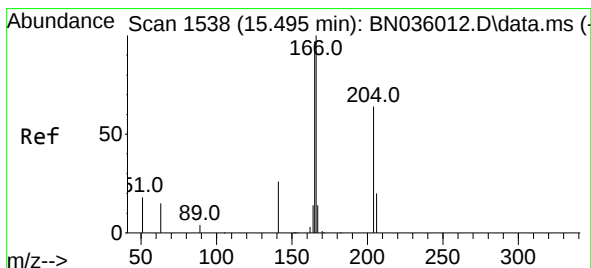
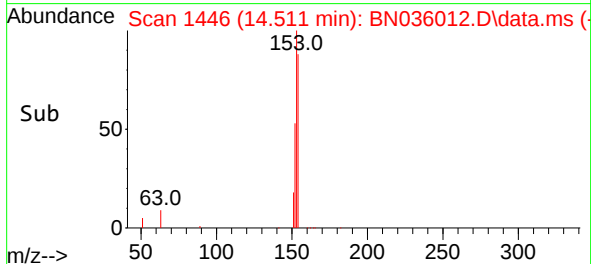
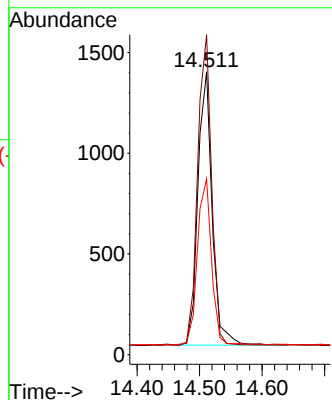
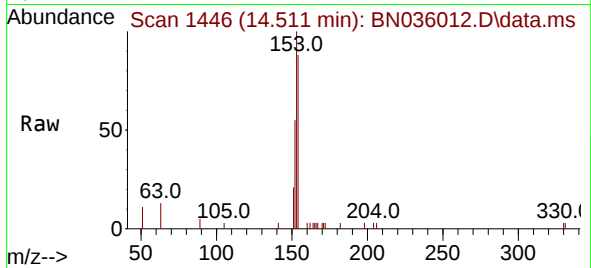




#17  
Acenaphthene  
Concen: 0.420 ng  
RT: 14.511 min Scan# 1446  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

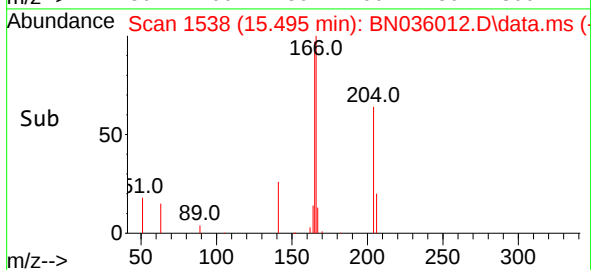
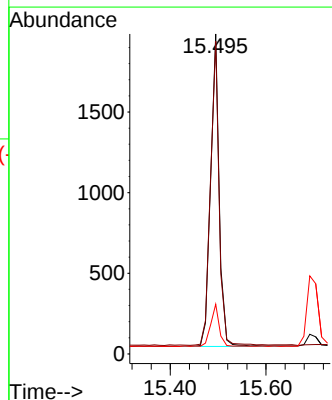
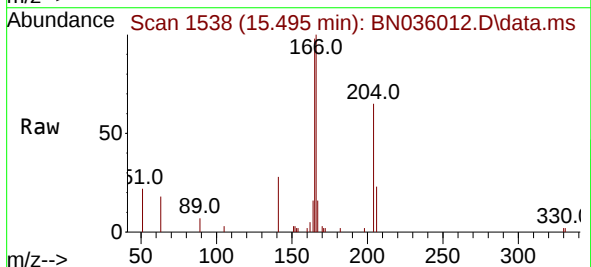
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

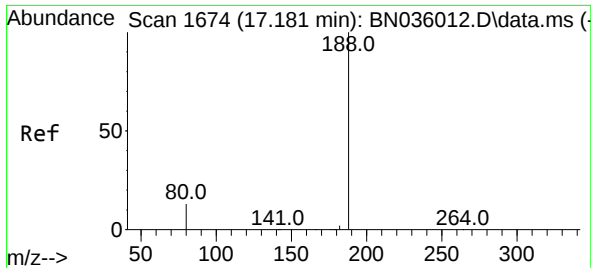
Tgt Ion:154 Resp: 2158  
Ion Ratio Lower Upper  
154 100  
153 111.1 88.9 133.3  
152 60.1 48.1 72.1



#18  
Fluorene  
Concen: 0.402 ng  
RT: 15.495 min Scan# 1538  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

Tgt Ion:166 Resp: 2582  
Ion Ratio Lower Upper  
166 100  
165 98.1 78.5 117.7  
167 13.4 10.7 16.1

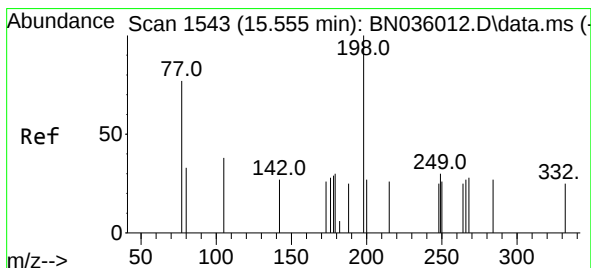
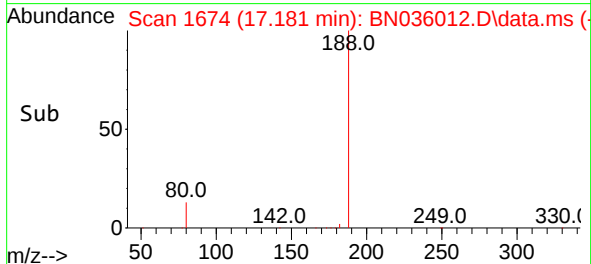
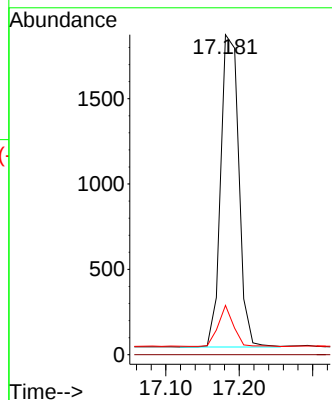
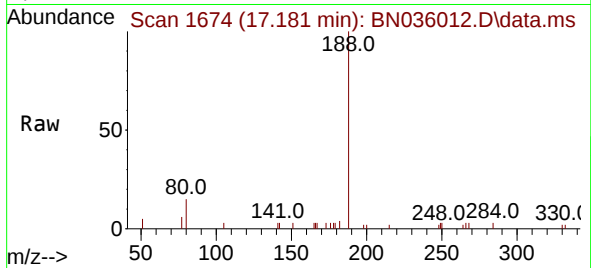




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.181 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

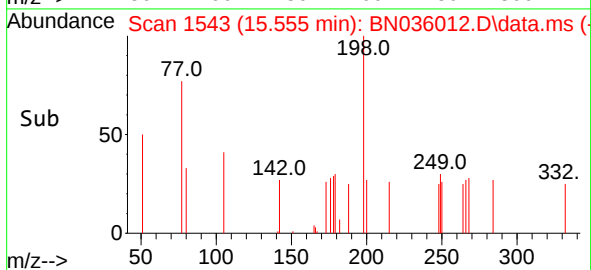
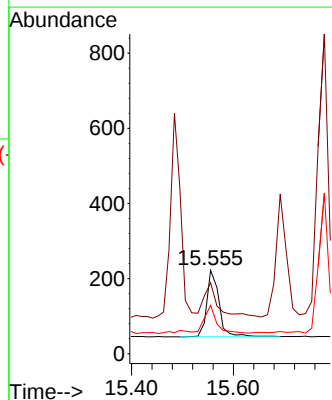
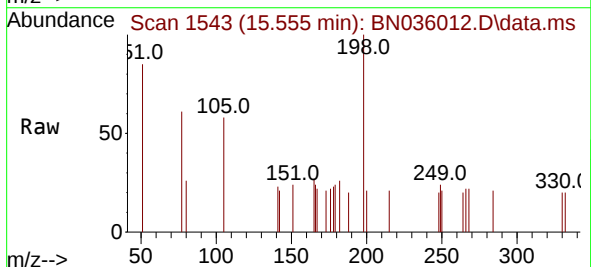
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

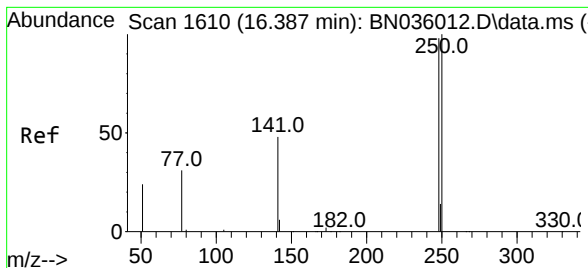
Tgt Ion:188 Resp: 3136  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.4 12.3 18.5



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.408 ng  
RT: 15.555 min Scan# 1543  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

Tgt Ion:198 Resp: 298  
Ion Ratio Lower Upper  
198 100  
51 85.1 68.1 102.1  
105 58.1 46.5 69.7

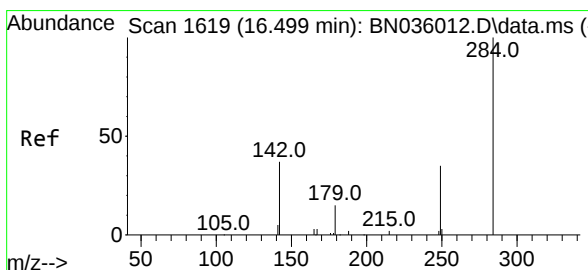
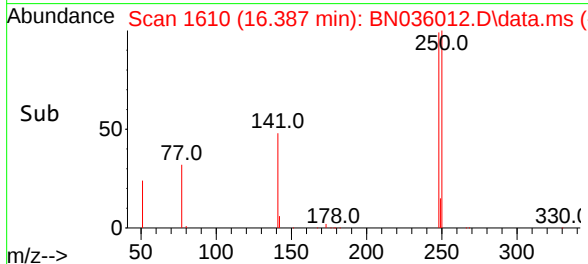
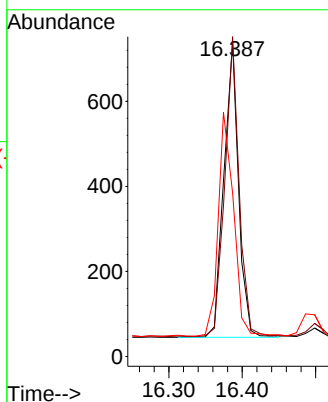
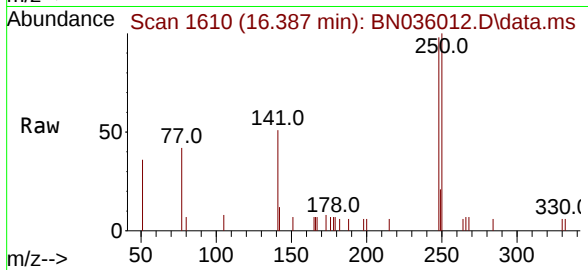




#21  
4-Bromophenyl-phenylether  
Concen: 0.431 ng  
RT: 16.387 min Scan# 1610  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

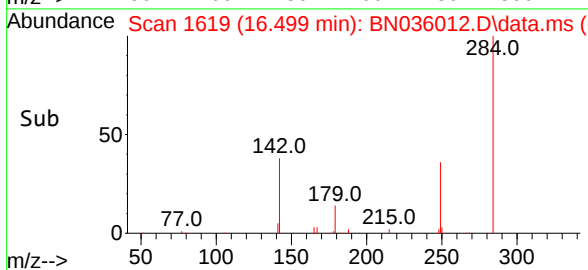
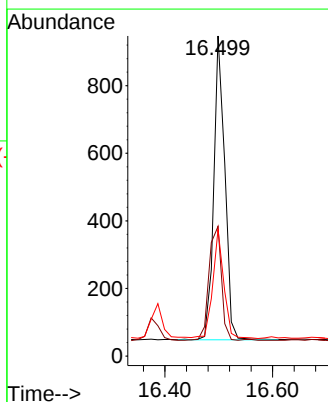
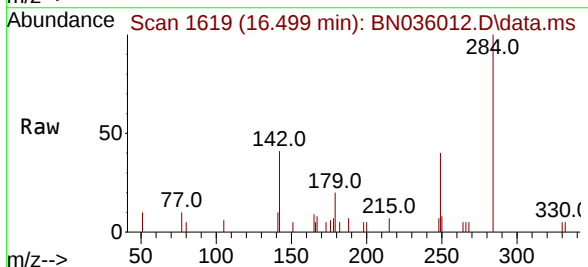
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

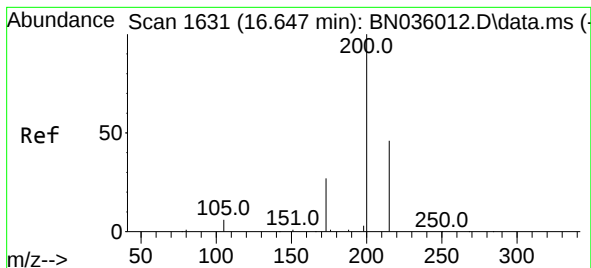
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 962   |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 101.9 | 81.5  | 122.3 |
| 141      | 52.2  | 41.8  | 62.6  |



#22  
Hexachlorobenzene  
Concen: 0.434 ng  
RT: 16.499 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 1276  |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 42.0  | 33.6  | 50.4  |
| 249      | 36.0  | 28.8  | 43.2  |





#23

Atrazine

Concen: 0.424 ng

RT: 16.647 min Scan# 1631

Delta R.T. 0.000 min

Lab File: BN036012.D

Acq: 22 Jan 2025 12:13

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

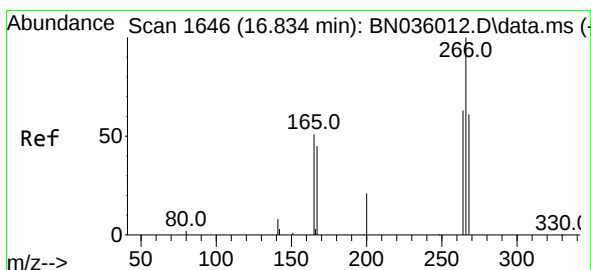
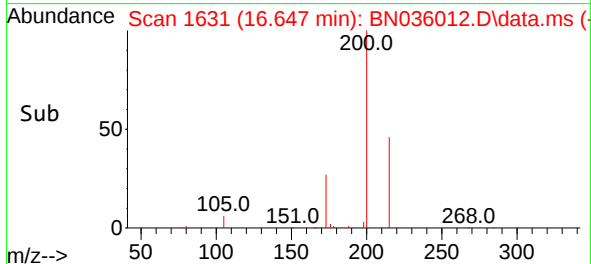
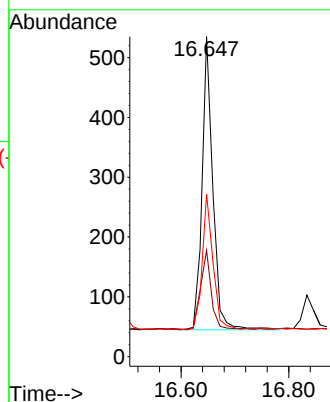
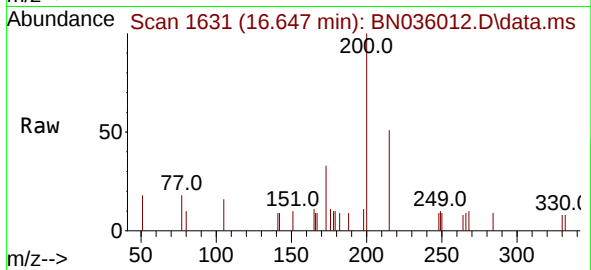
Tgt Ion:200 Resp: 684

Ion Ratio Lower Upper

200 100

173 33.3 26.6 40.0

215 50.8 40.6 61.0



#24

Pentachlorophenol

Concen: 0.403 ng

RT: 16.834 min Scan# 1646

Delta R.T. 0.000 min

Lab File: BN036012.D

Acq: 22 Jan 2025 12:13

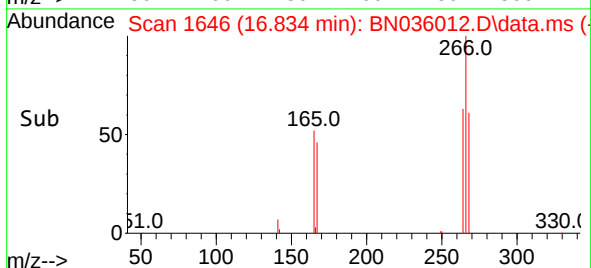
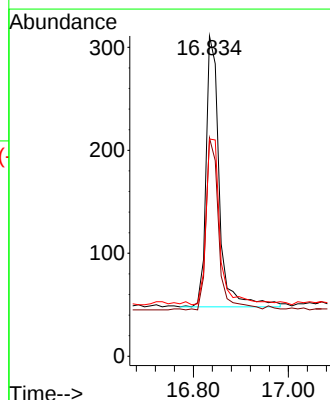
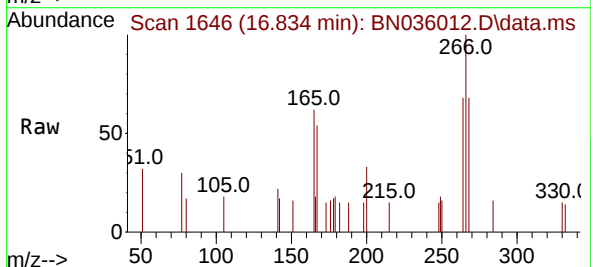
Tgt Ion:266 Resp: 513

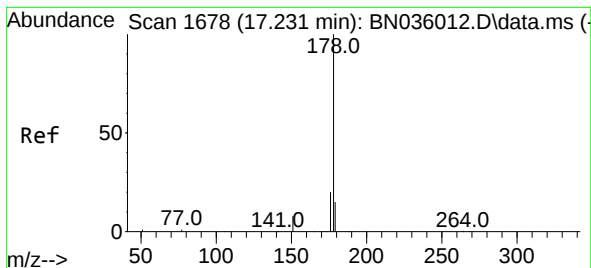
Ion Ratio Lower Upper

266 100

264 60.2 48.2 72.2

268 64.5 51.6 77.4





#25

Phenanthrene

Concen: 0.433 ng

RT: 17.231 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BN036012.D

Acq: 22 Jan 2025 12:13

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

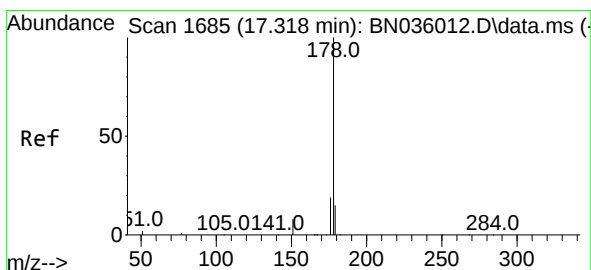
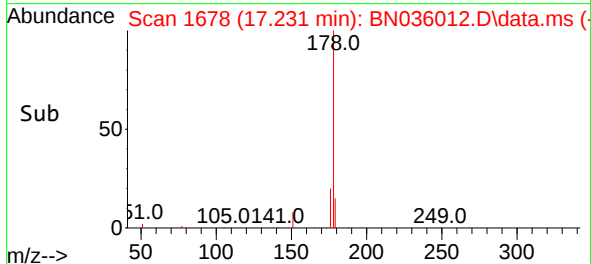
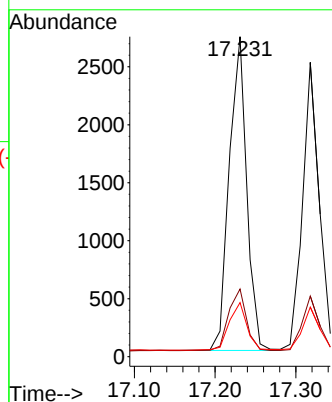
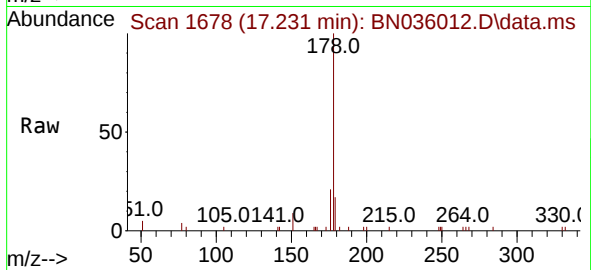
Tgt Ion:178 Resp: 4082

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 15.5 12.4 18.6



#26

Anthracene

Concen: 0.421 ng

RT: 17.318 min Scan# 1685

Delta R.T. 0.000 min

Lab File: BN036012.D

Acq: 22 Jan 2025 12:13

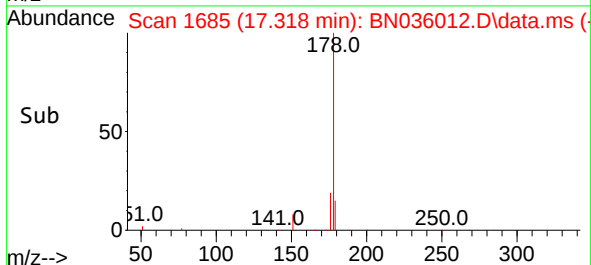
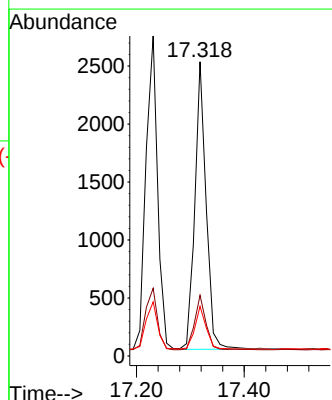
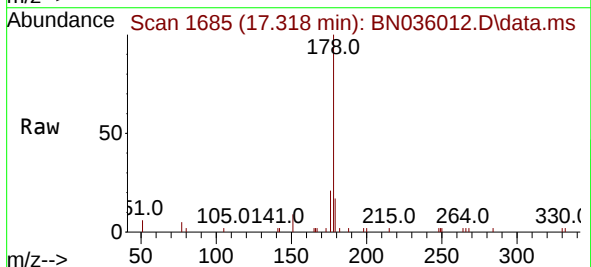
Tgt Ion:178 Resp: 3608

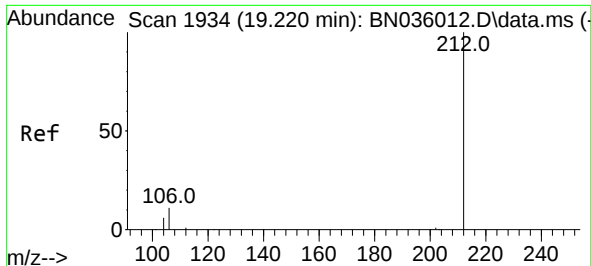
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.0 12.0 18.0

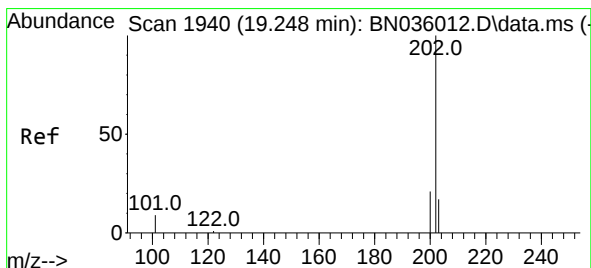
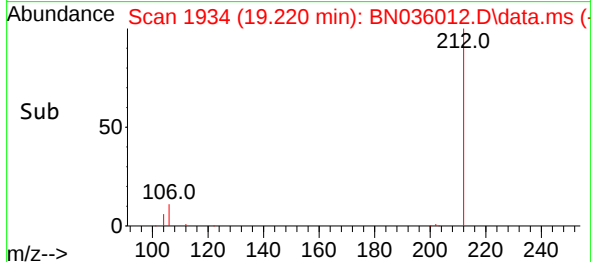
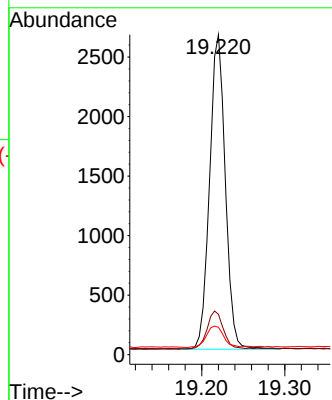
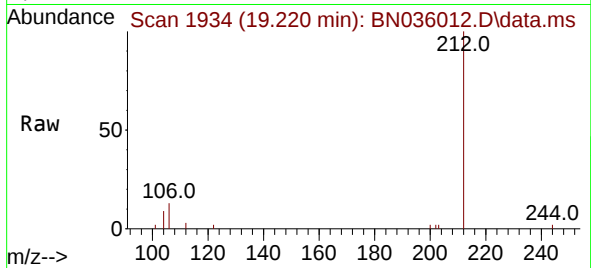




#27  
Fluoranthene-d10  
Concen: 0.429 ng  
RT: 19.220 min Scan# 1934  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

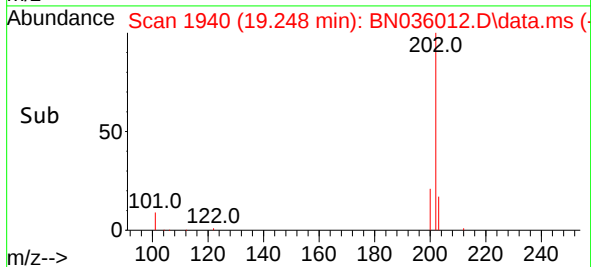
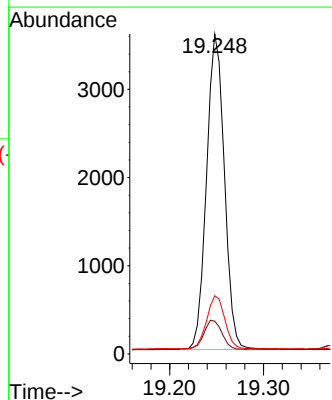
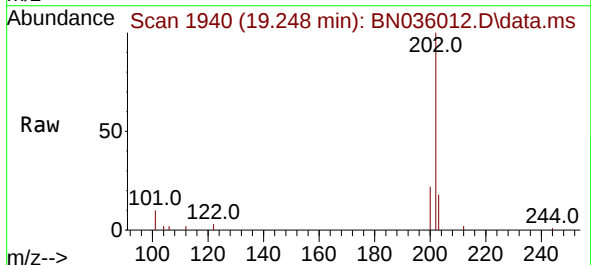
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

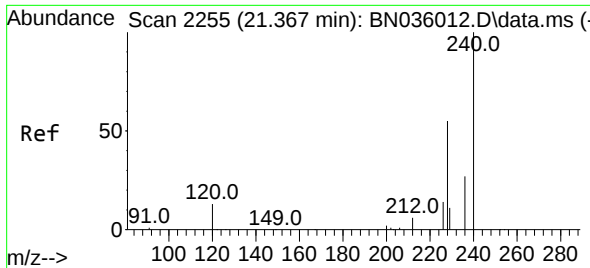
Tgt Ion:212 Resp: 3484  
Ion Ratio Lower Upper  
212 100  
106 12.1 9.7 14.5  
104 7.5 6.0 9.0



#28  
Fluoranthene  
Concen: 0.427 ng  
RT: 19.248 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

Tgt Ion:202 Resp: 4727  
Ion Ratio Lower Upper  
202 100  
101 9.5 7.6 11.4  
203 17.2 13.8 20.6

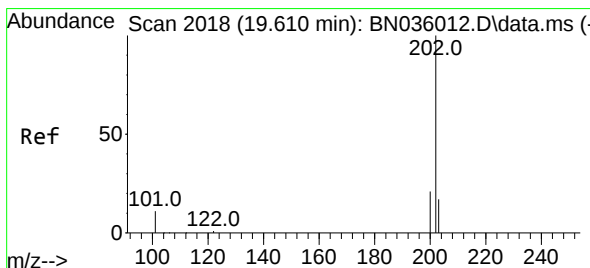
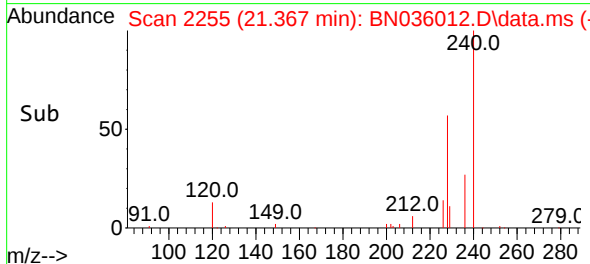
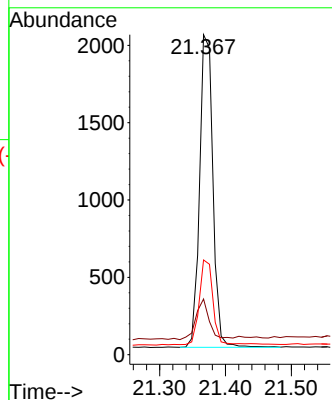
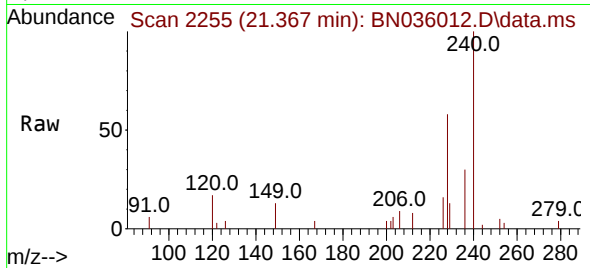




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.367 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

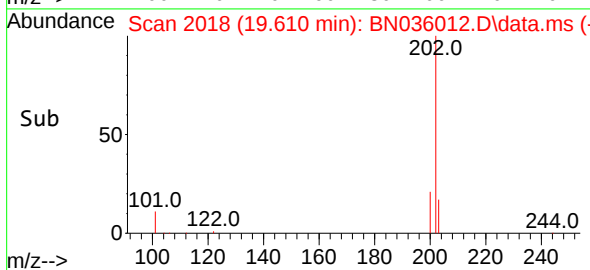
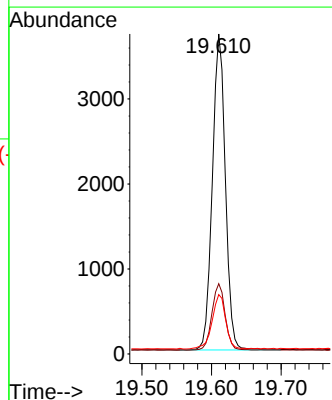
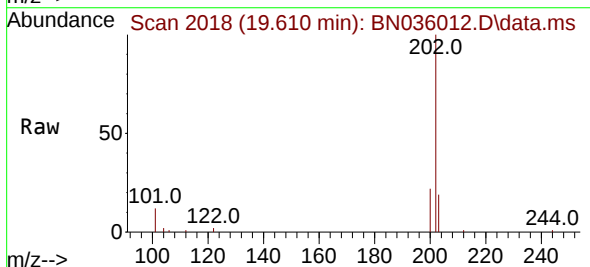
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

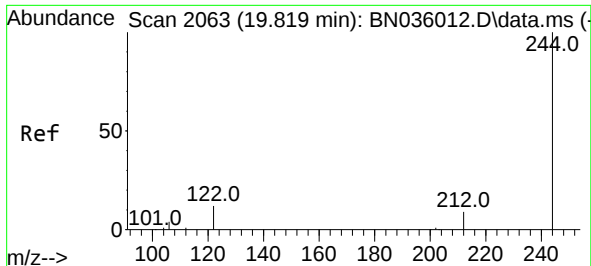
Tgt Ion:240 Resp: 2848  
Ion Ratio Lower Upper  
240 100  
120 17.4 13.9 20.9  
236 29.6 23.7 35.5



#30  
Pyrene  
Concen: 0.418 ng  
RT: 19.610 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

Tgt Ion:202 Resp: 4821  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.4  
203 18.0 14.4 21.6

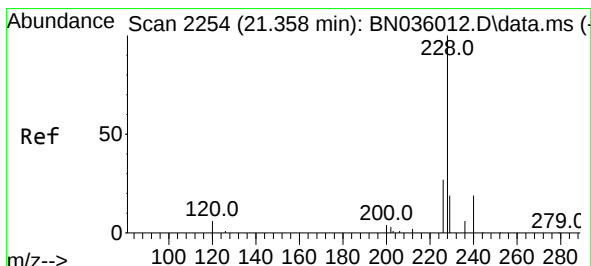
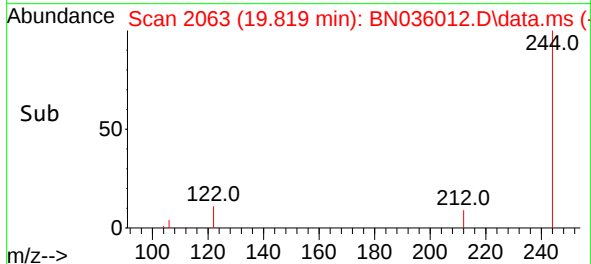
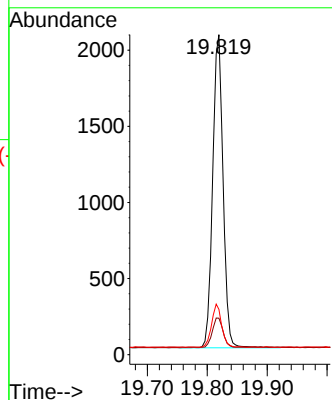
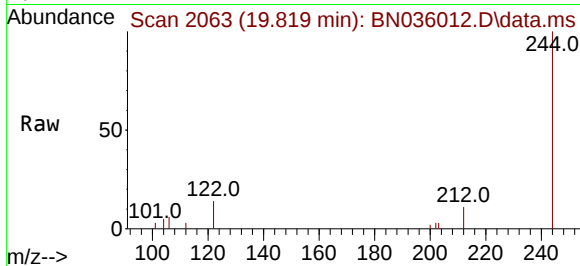




#31  
 Terphenyl-d14  
 Concen: 0.420 ng  
 RT: 19.819 min Scan# 2063  
 Delta R.T. 0.000 min  
 Lab File: BN036012.D  
 Acq: 22 Jan 2025 12:13

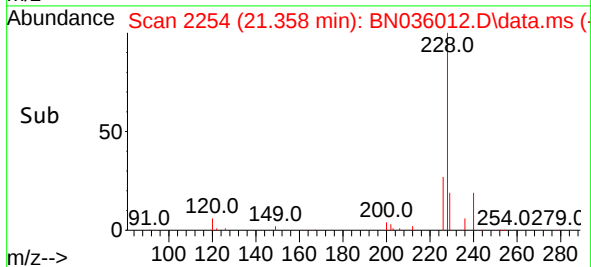
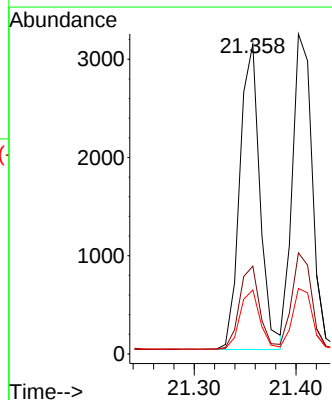
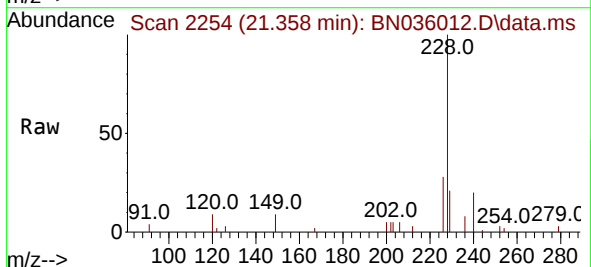
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICCC0.4

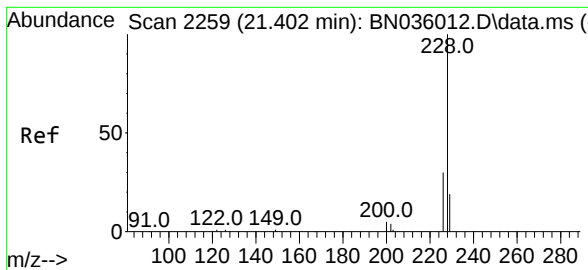
Tgt Ion:244 Resp: 2482  
 Ion Ratio Lower Upper  
 244 100  
 212 11.4 9.1 13.7  
 122 14.1 11.3 16.9



#32  
 Benzo(a)anthracene  
 Concen: 0.414 ng  
 RT: 21.358 min Scan# 2254  
 Delta R.T. 0.000 min  
 Lab File: BN036012.D  
 Acq: 22 Jan 2025 12:13

Tgt Ion:228 Resp: 4281  
 Ion Ratio Lower Upper  
 228 100  
 226 28.3 22.6 34.0  
 229 20.6 16.5 24.7





#33

Chrysene

Concen: 0.417 ng

RT: 21.402 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN036012.D

Acq: 22 Jan 2025 12:13

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

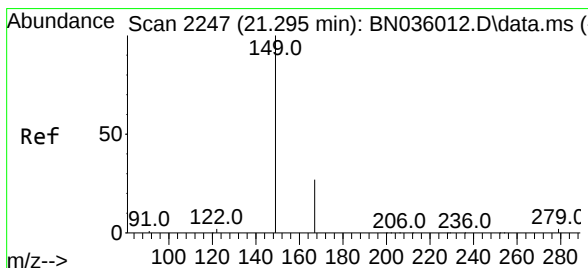
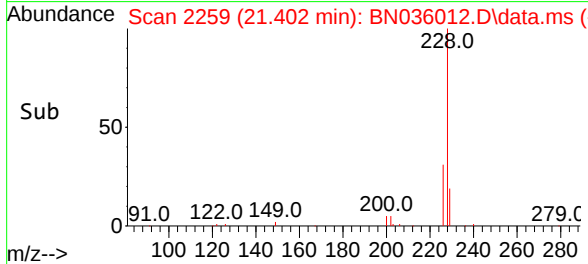
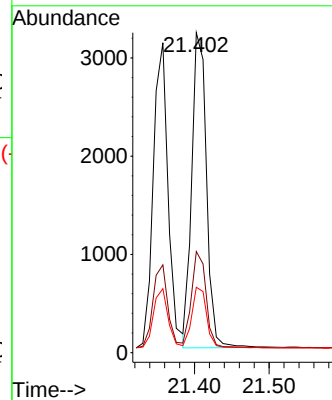
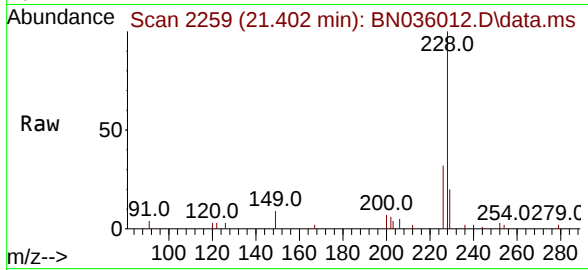
Tgt Ion:228 Resp: 4399

Ion Ratio Lower Upper

228 100

226 31.6 25.3 37.9

229 20.4 16.3 24.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.402 ng

RT: 21.295 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BN036012.D

Acq: 22 Jan 2025 12:13

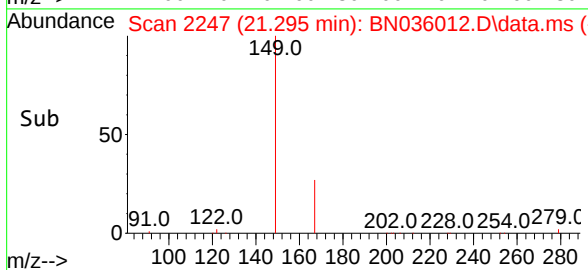
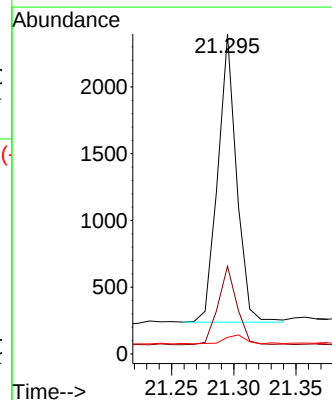
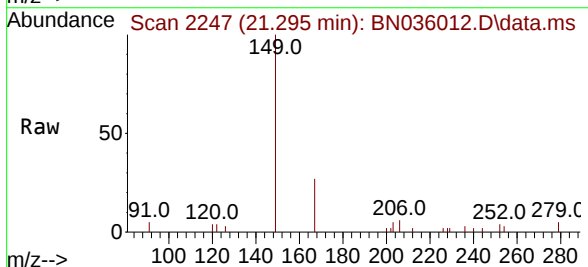
Tgt Ion:149 Resp: 2273

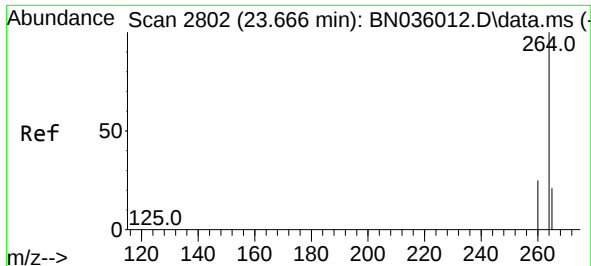
Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

279 3.8 3.0 4.6

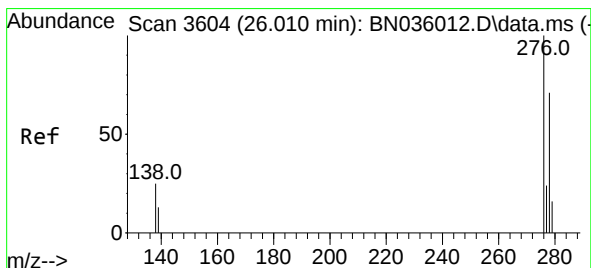
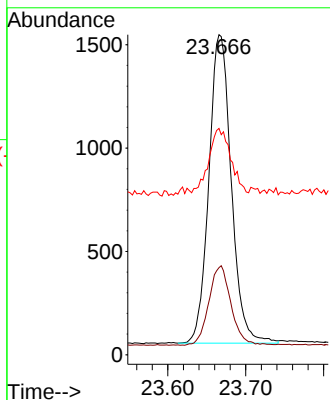
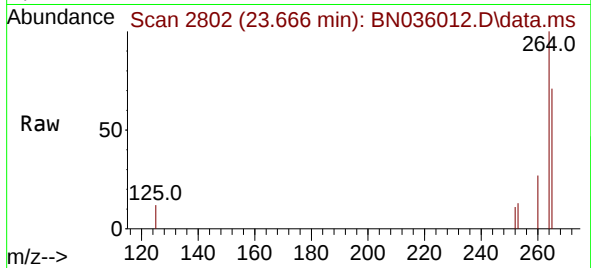




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.666 min Scan# 2802  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

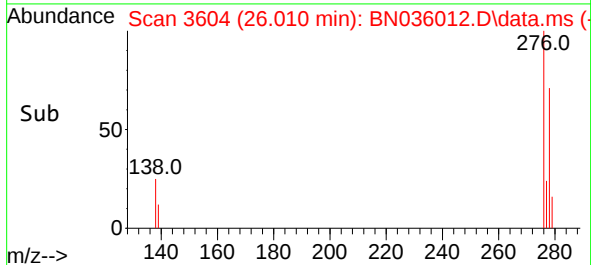
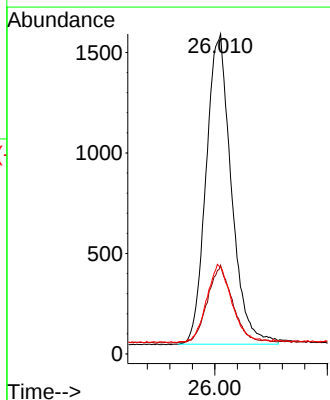
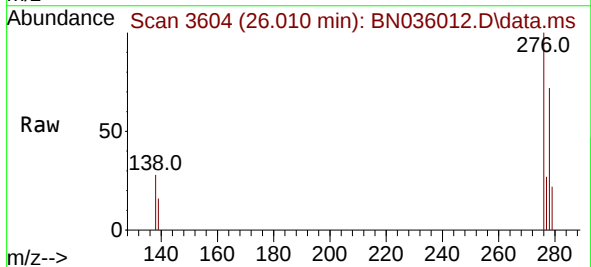
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

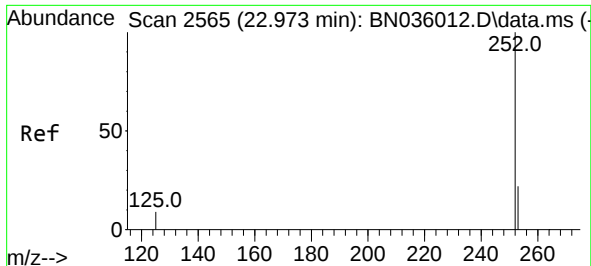
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 264   | Resp: | 2976 |
| Ion Ratio | Lower | Upper |      |
| 264       | 100   |       |      |
| 260       | 27.2  | 21.8  | 32.6 |
| 265       | 70.7  | 56.6  | 84.8 |



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.404 ng  
RT: 26.010 min Scan# 3604  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 4823 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 138       | 24.9  | 19.9  | 29.9 |
| 277       | 24.3  | 19.4  | 29.2 |

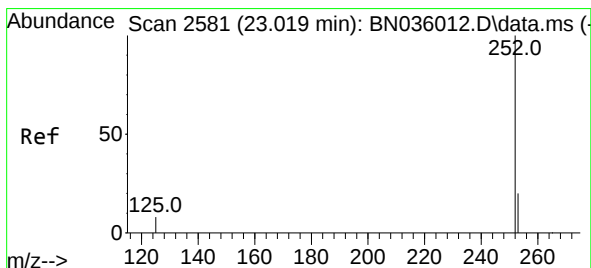
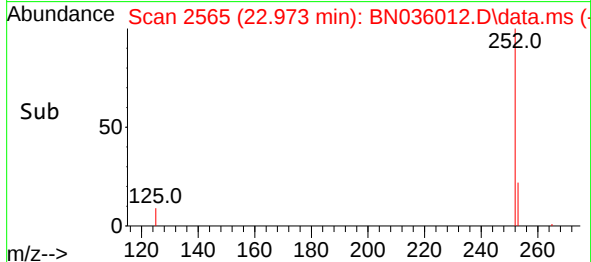
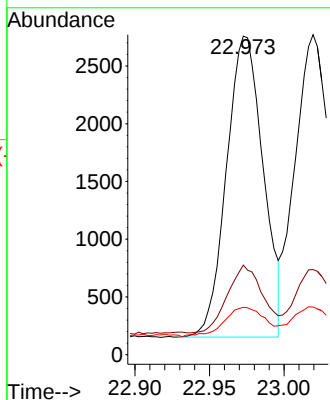
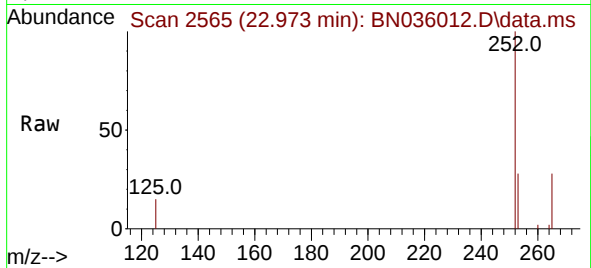




#37  
Benzo(b)fluoranthene  
Concen: 0.412 ng  
RT: 22.973 min Scan# 2565  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

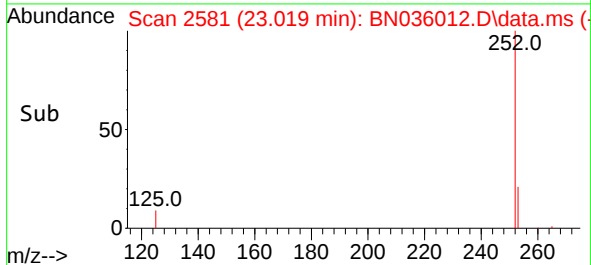
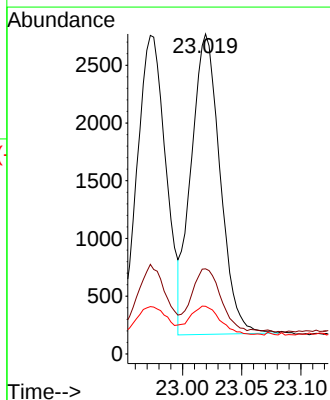
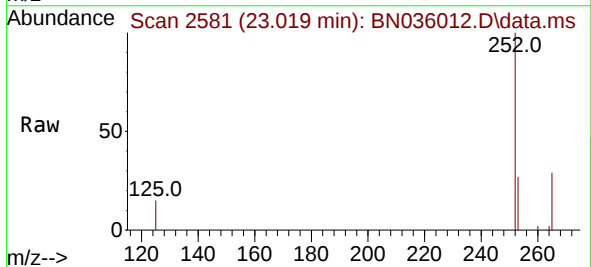
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

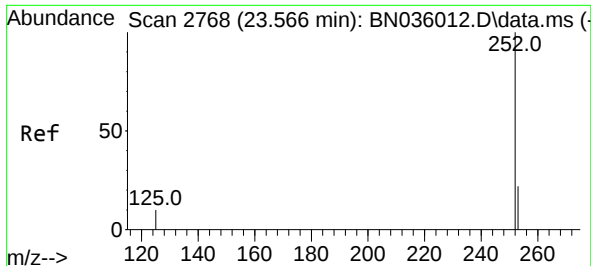
Tgt Ion:252 Resp: 4454  
Ion Ratio Lower Upper  
252 100  
253 28.1 22.5 33.7  
125 14.9 11.9 17.9



#38  
Benzo(k)fluoranthene  
Concen: 0.406 ng  
RT: 23.019 min Scan# 2581  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

Tgt Ion:252 Resp: 4423  
Ion Ratio Lower Upper  
252 100  
253 26.6 21.3 31.9  
125 14.9 11.9 17.9





#39

Benzo(a)pyrene

Concen: 0.407 ng

RT: 23.566 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN036012.D

Acq: 22 Jan 2025 12:13

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

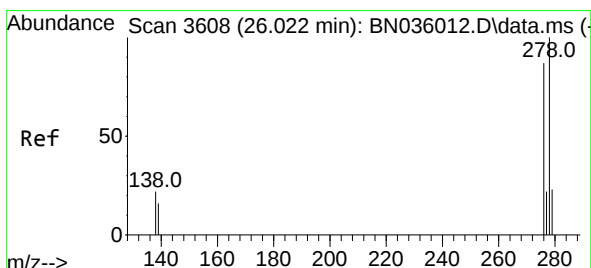
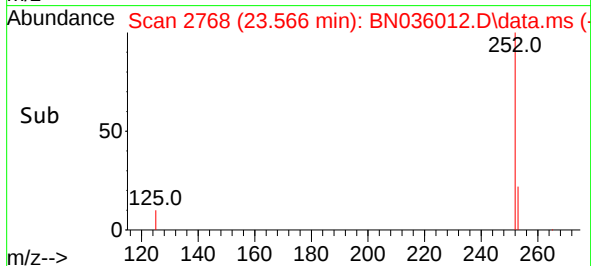
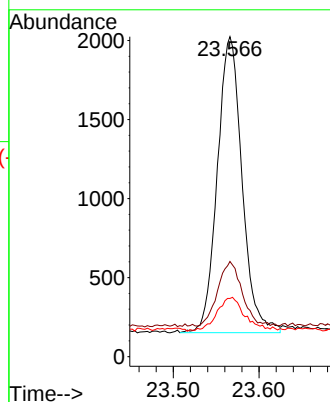
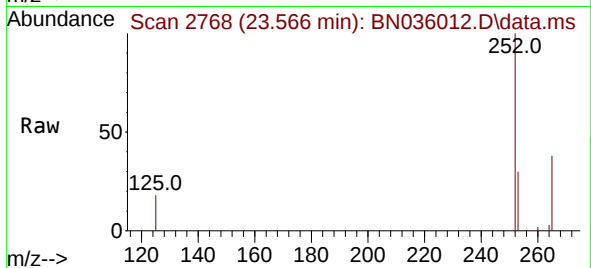
Tgt Ion:252 Resp: 3759

Ion Ratio Lower Upper

252 100

253 29.7 23.8 35.6

125 18.2 14.6 21.8



#40

Dibenzo(a,h)anthracene

Concen: 0.403 ng

RT: 26.022 min Scan# 3608

Delta R.T. 0.000 min

Lab File: BN036012.D

Acq: 22 Jan 2025 12:13

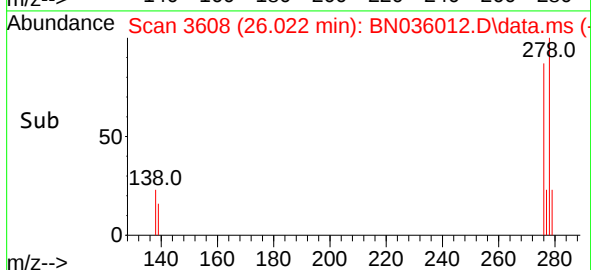
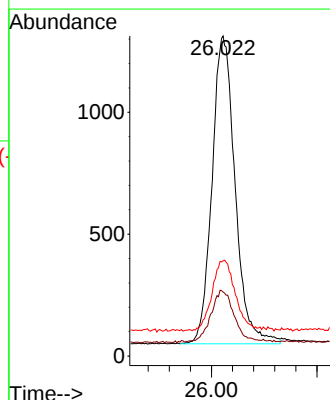
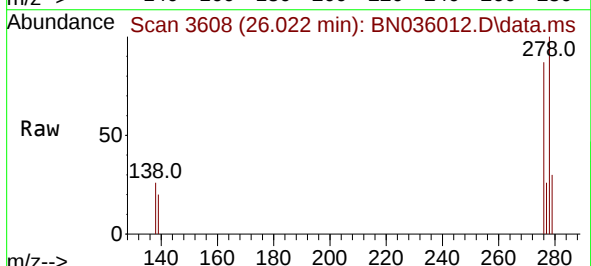
Tgt Ion:278 Resp: 3838

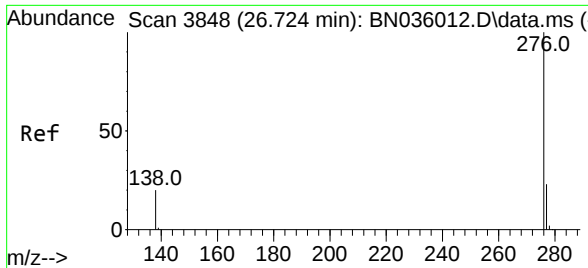
Ion Ratio Lower Upper

278 100

139 20.0 16.0 24.0

279 29.8 23.8 35.8





#41  
Benzo(g,h,i)perylene  
Concen: 0.409 ng  
RT: 26.724 min Scan# 3848  
Delta R.T. 0.000 min  
Lab File: BN036012.D  
Acq: 22 Jan 2025 12:13

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 4244  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 26.6  | 21.3  | 31.9  |
| 138      | 24.0  | 19.2  | 28.8  |

