

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042825\  
 Data File : BN036930.D  
 Acq On : 28 Apr 2025 15:51  
 Operator : RC/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN042825

Quant Time: Apr 28 18:00:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN042825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 28 15:35:03 2025  
 Response via : Initial Calibration

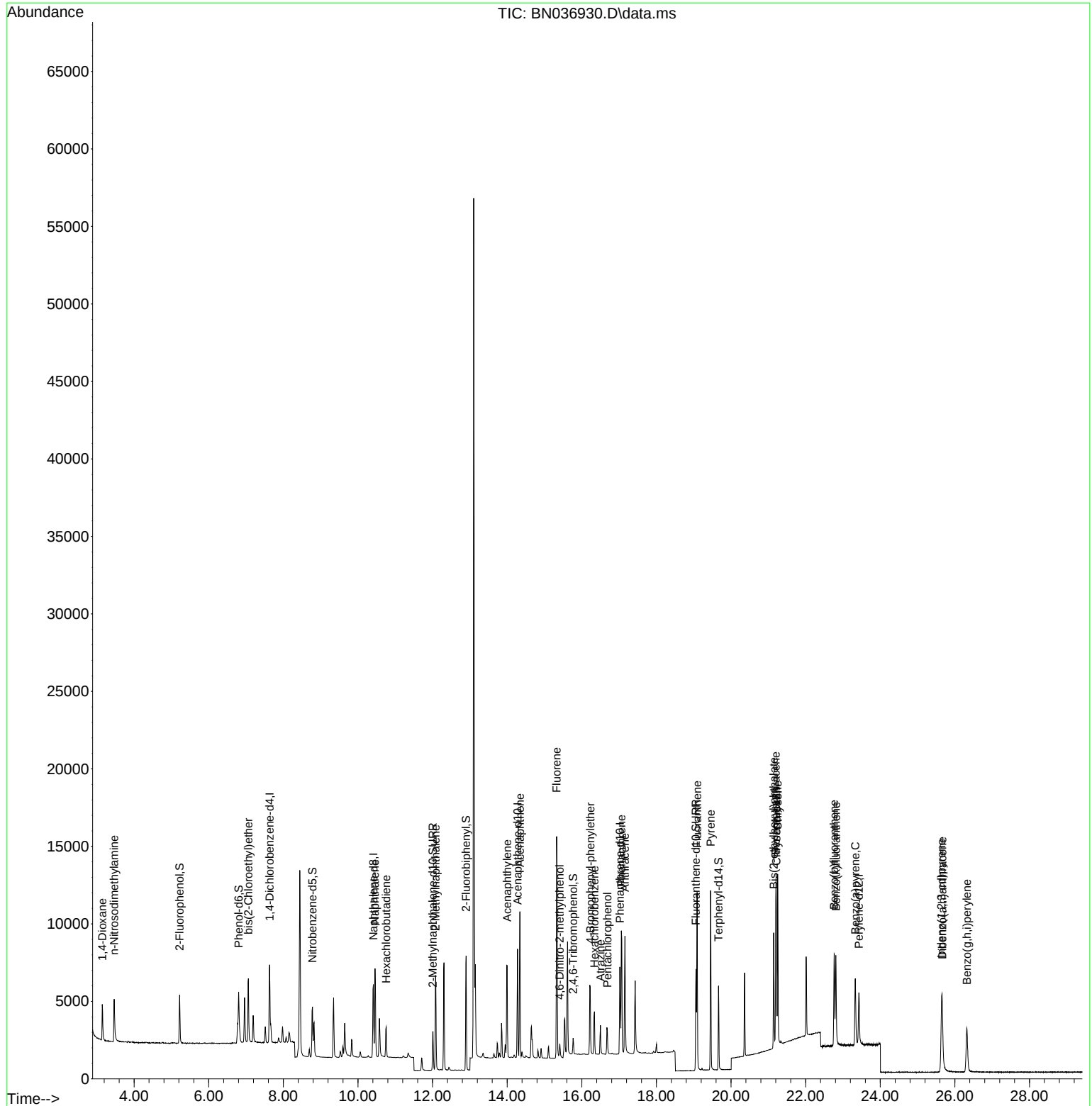
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.633  | 152  | 2409     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.415 | 136  | 6199     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.277 | 164  | 3595     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.021 | 188  | 7165     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.215 | 240  | 5561     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.427 | 264  | 4453     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.220  | 112  | 2200     | 0.357 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.802  | 99   | 2639     | 0.348 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.781  | 82   | 2643     | 0.408 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.006 | 152  | 3565     | 0.411 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.767 | 330  | 524      | 0.327 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.898 | 172  | 6791     | 0.391 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.059 | 212  | 7362     | 0.396 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.667 | 244  | 5345     | 0.407 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.148  | 88   | 1307     | 0.435 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.465  | 42   | 2382     | 0.409 | ng    | # 98     |
| 6) bis(2-Chloroethyl)ether    | 7.062  | 93   | 2960     | 0.421 | ng    | 97       |
| 9) Naphthalene                | 10.458 | 128  | 7201     | 0.399 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.757 | 225  | 1616     | 0.414 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.082 | 142  | 4278     | 0.367 | ng    | 100      |
| 16) Acenaphthylene            | 13.999 | 152  | 7225     | 0.411 | ng    | 100      |
| 17) Acenaphthene              | 14.341 | 154  | 4406     | 0.382 | ng    | 100      |
| 18) Fluorene                  | 15.325 | 166  | 5893     | 0.390 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.410 | 198  | 612      | 0.323 | ng    | 91       |
| 21) 4-Bromophenyl-phenylether | 16.227 | 248  | 1798     | 0.376 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.338 | 284  | 2026     | 0.387 | ng    | 99       |
| 23) Atrazine                  | 16.500 | 200  | 1554     | 0.403 | ng    | 99       |
| 24) Pentachlorophenol         | 16.686 | 266  | 885      | 0.315 | ng    | 99       |
| 25) Phenanthrene              | 17.058 | 178  | 9212     | 0.390 | ng    | 100      |
| 26) Anthracene                | 17.157 | 178  | 8400     | 0.393 | ng    | 100      |
| 28) Fluoranthene              | 19.091 | 202  | 10081    | 0.380 | ng    | 99       |
| 30) Pyrene                    | 19.453 | 202  | 10076    | 0.376 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.197 | 228  | 8105     | 0.396 | ng    | 98       |
| 33) Chrysene                  | 21.251 | 228  | 8947     | 0.405 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.144 | 149  | 4190     | 0.360 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.640 | 276  | 6626     | 0.364 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.763 | 252  | 7283     | 0.389 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.810 | 252  | 7655     | 0.407 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.330 | 252  | 6417     | 0.417 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 25.663 | 278  | 5177     | 0.362 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.321 | 276  | 5705     | 0.359 | ng    | 98       |

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

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Sample : SSTDICV0.4  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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ICVBN042825

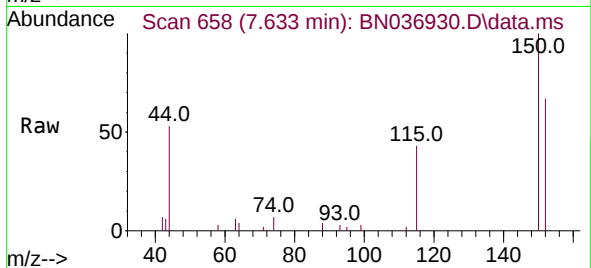
Quant Time: Apr 28 18:00:30 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Apr 28 15:35:03 2025  
Response via : Initial Calibration



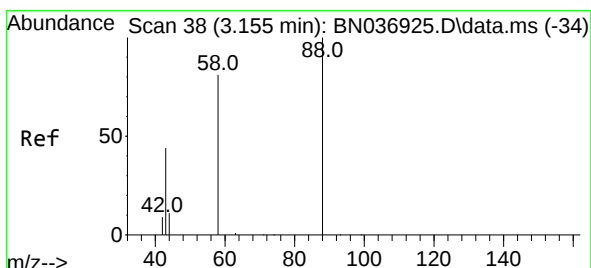
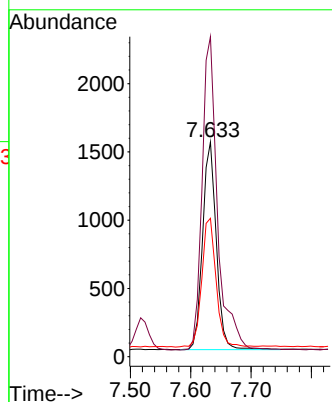
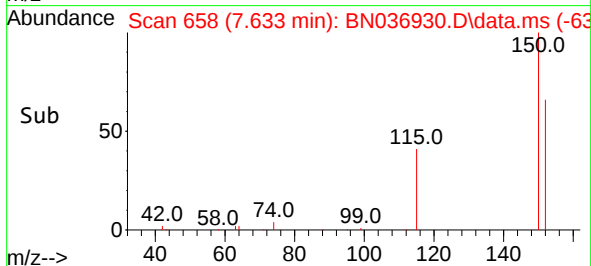


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.633 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN036930.D  
 Acq: 28 Apr 2025 15:51

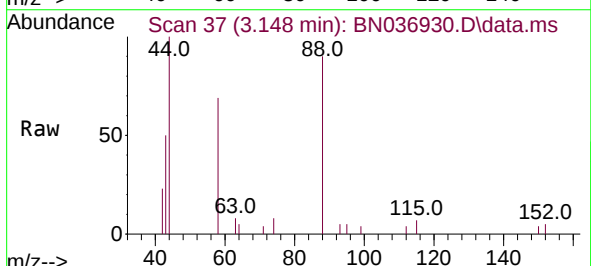
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 ClientSampleId :  
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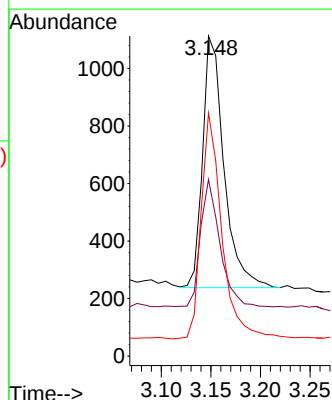
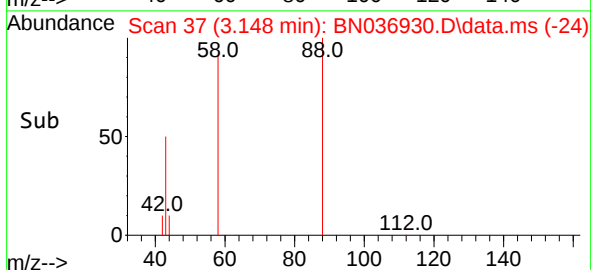
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 150 149.0 121.1 181.7  
 115 64.5 51.8 77.6

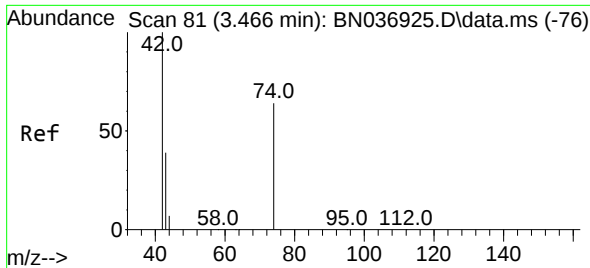


#2  
 1,4-Dioxane  
 Concen: 0.435 ng  
 RT: 3.148 min Scan# 37  
 Delta R.T. -0.007 min  
 Lab File: BN036930.D  
 Acq: 28 Apr 2025 15:51



Tgt Ion: 88 Resp: 1307  
 Ion Ratio Lower Upper  
 88 100  
 43 46.8 37.9 56.9  
 58 87.2 65.8 98.6

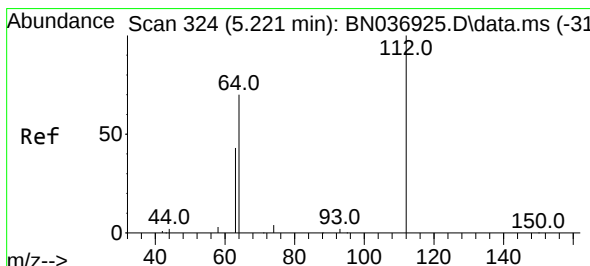
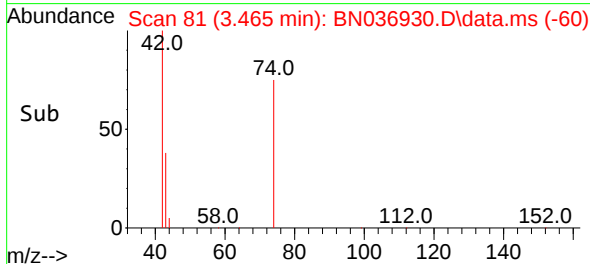
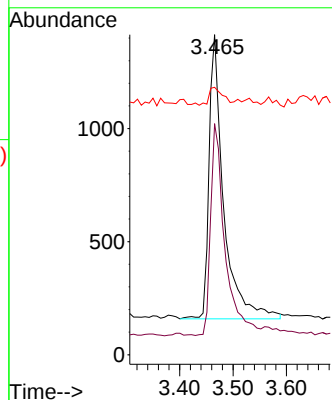
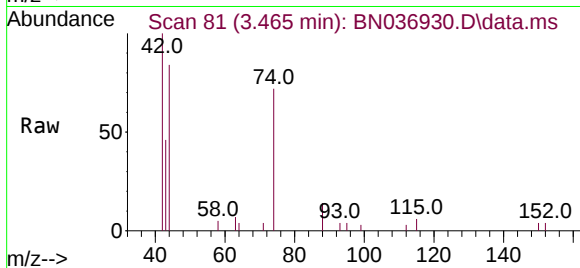




#3  
 n-Nitrosodimethylamine  
 Concen: 0.409 ng  
 RT: 3.465 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BN036930.D  
 Acq: 28 Apr 2025 15:51

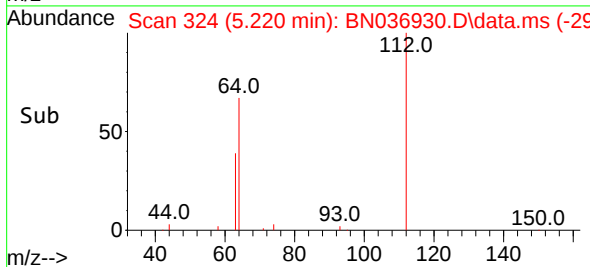
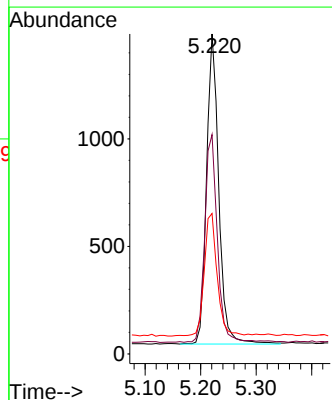
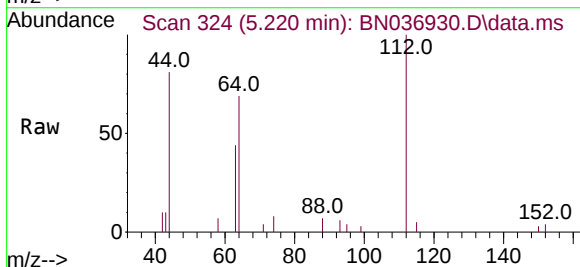
Instrument :  
 BNA\_N  
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 ICVBN042825

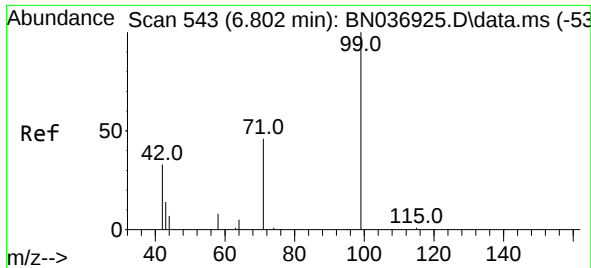
Tgt Ion: 42 Resp: 2382  
 Ion Ratio Lower Upper  
 42 100  
 74 73.5 59.9 89.9  
 44 6.3 7.5 11.3#



#4  
 2-Fluorophenol  
 Concen: 0.357 ng  
 RT: 5.220 min Scan# 324  
 Delta R.T. -0.000 min  
 Lab File: BN036930.D  
 Acq: 28 Apr 2025 15:51

Tgt Ion: 112 Resp: 2200  
 Ion Ratio Lower Upper  
 112 100  
 64 69.0 55.7 83.5  
 63 41.9 33.9 50.9

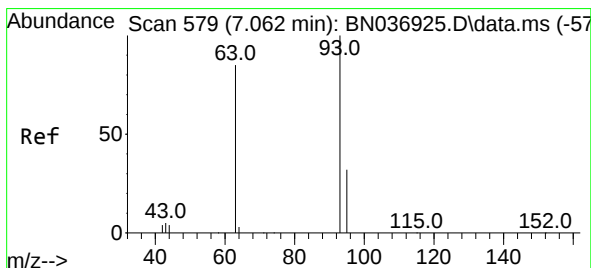
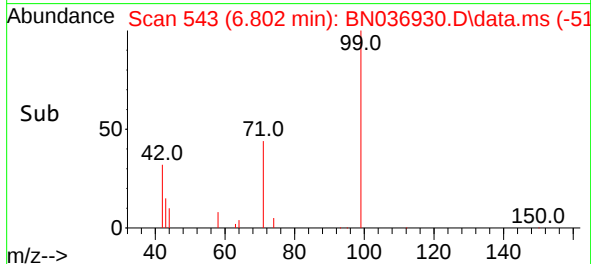
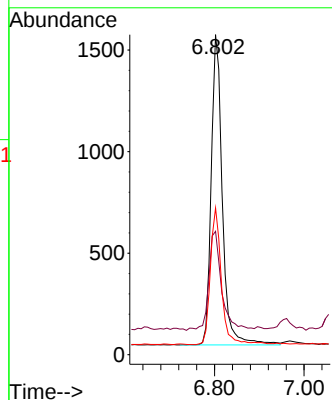
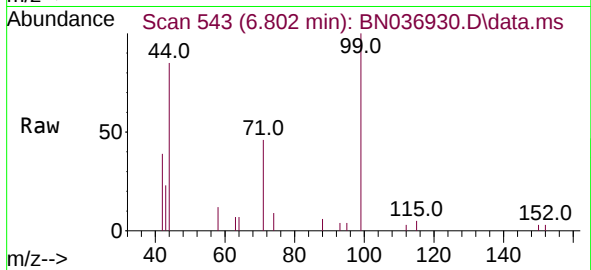




#5  
Phenol-d6  
Concen: 0.348 ng  
RT: 6.802 min Scan# 543  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

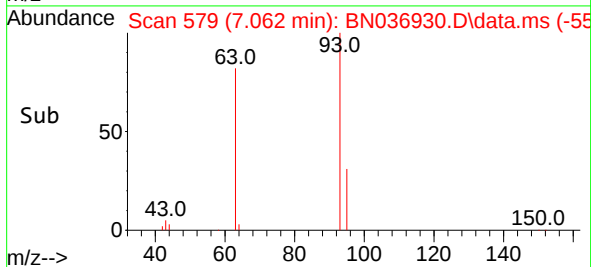
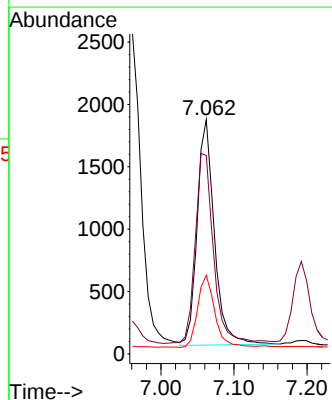
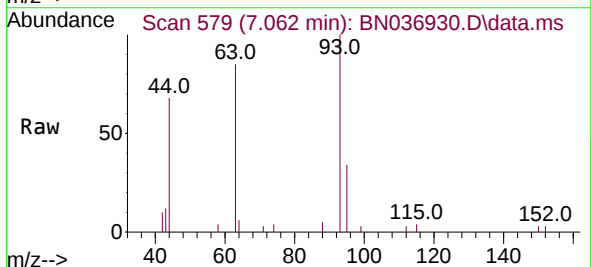
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ClientSampleId :  
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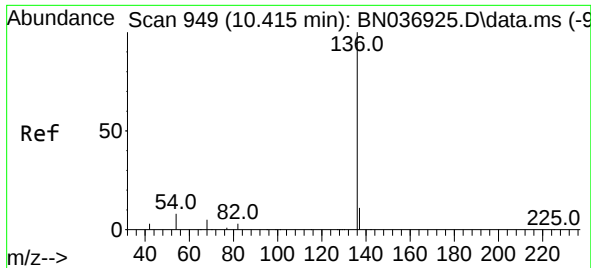
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 2639  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 36.9  | 29.6  | 44.4  |
| 71       | 43.1  | 36.0  | 54.0  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.421 ng  
RT: 7.062 min Scan# 579  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 2960  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 89.5  | 69.0  | 103.6 |
| 95       | 31.8  | 25.4  | 38.0  |

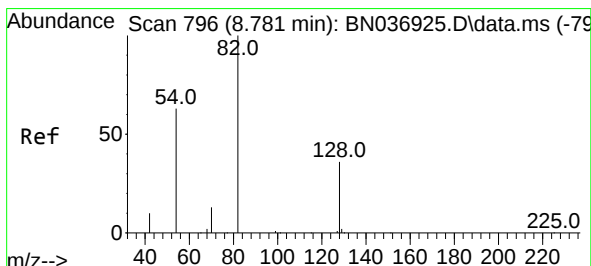
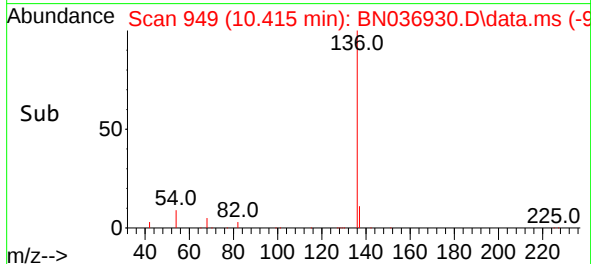
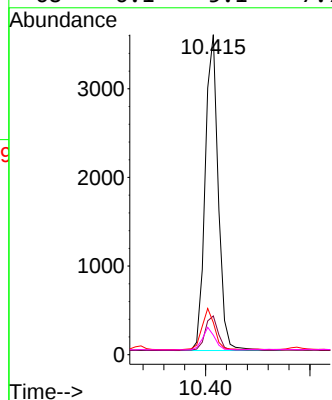
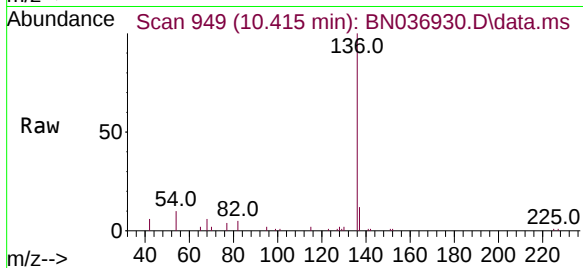




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.415 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

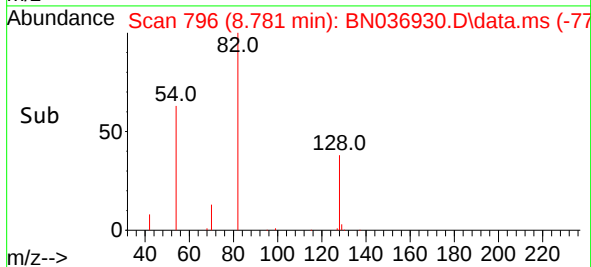
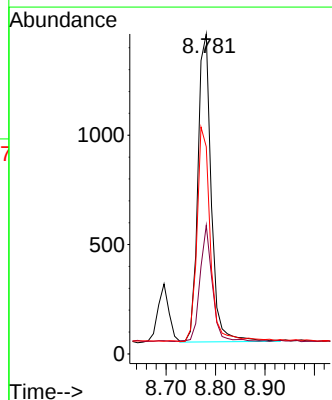
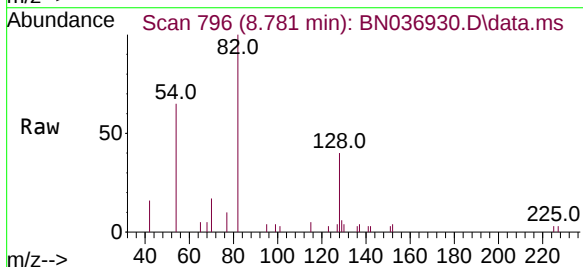
Instrument :  
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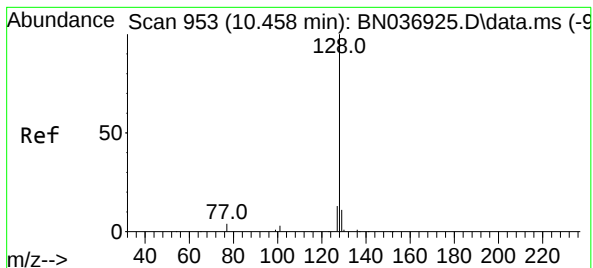
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 6199  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.1  | 9.7   | 14.5  |
| 54       | 10.1  | 8.0   | 12.0  |
| 68       | 6.1   | 5.1   | 7.7   |



#8  
Nitrobenzene-d5  
Concen: 0.408 ng  
RT: 8.781 min Scan# 796  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2643  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 40.2  | 30.7  | 46.1  |
| 54       | 64.7  | 52.1  | 78.1  |





#9

Naphthalene

Concen: 0.399 ng

RT: 10.458 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN036930.D

Acq: 28 Apr 2025 15:51

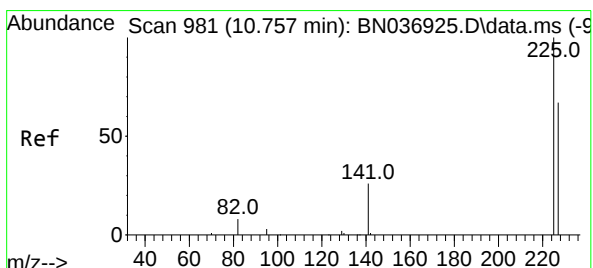
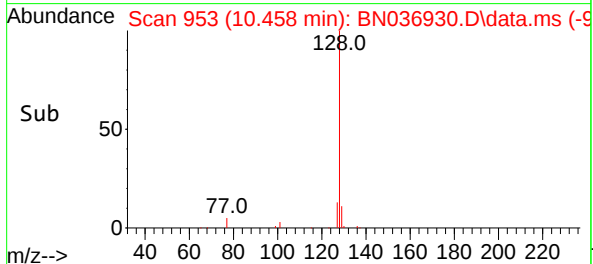
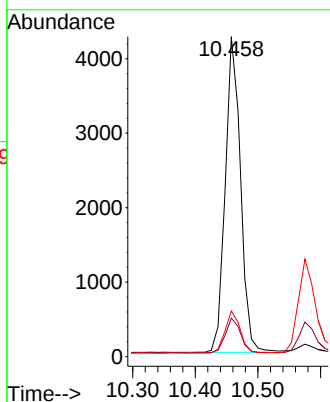
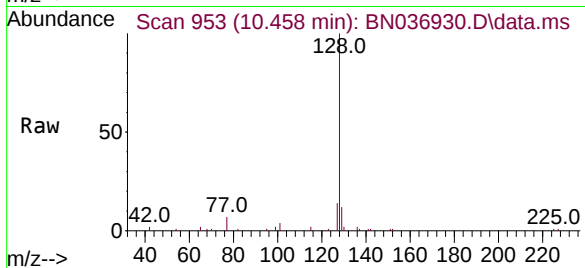
Instrument :

BNA\_N

ClientSampleId :

ICVBN042825

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 7201  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 12.1  | 9.8   | 14.6  |
| 127      | 14.3  | 11.4  | 17.2  |



#10

Hexachlorobutadiene

Concen: 0.414 ng

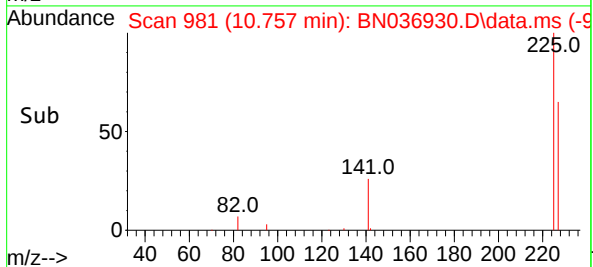
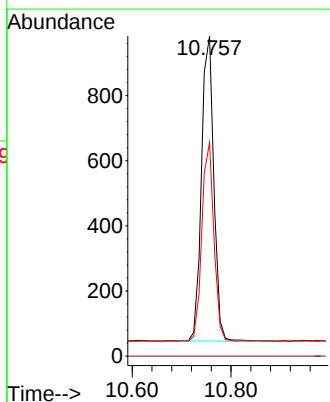
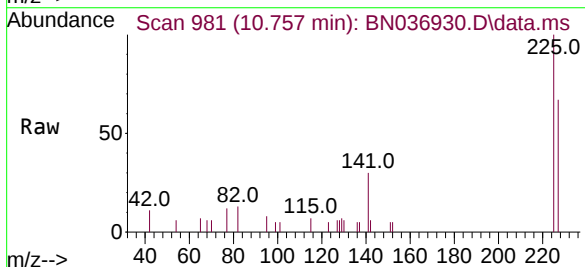
RT: 10.757 min Scan# 981

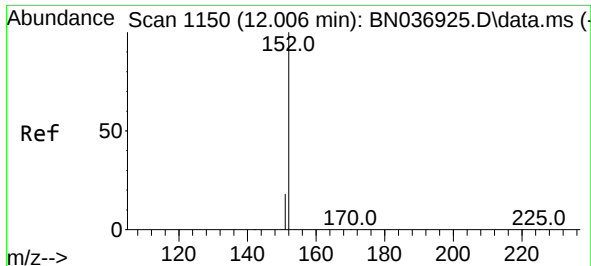
Delta R.T. -0.000 min

Lab File: BN036930.D

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1616  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.5  | 52.2  | 78.4  |

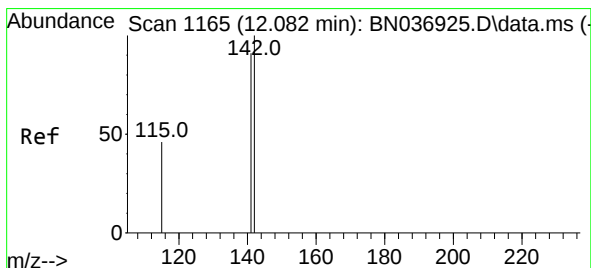
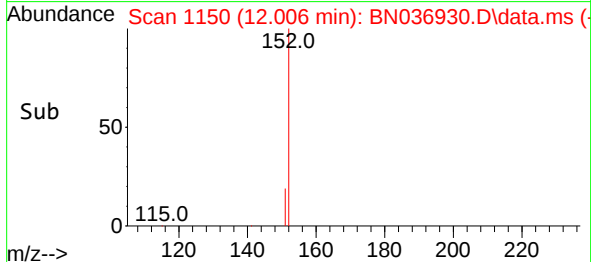
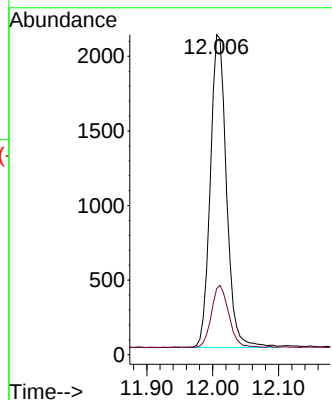
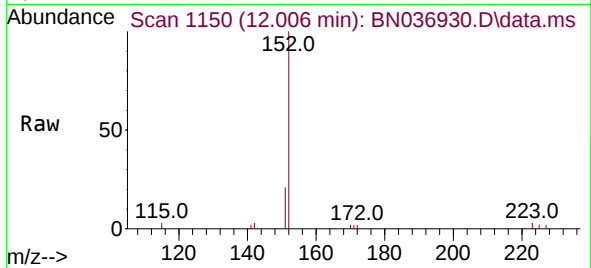




#11  
2-Methylnaphthalene-d10  
Concen: 0.411 ng  
RT: 12.006 min Scan# 1150  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

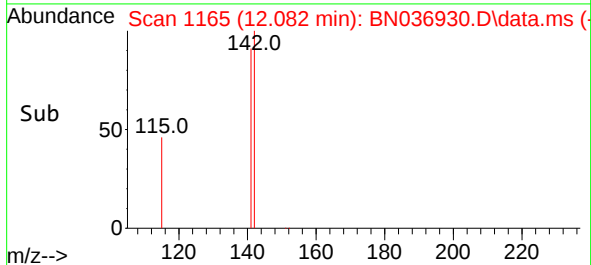
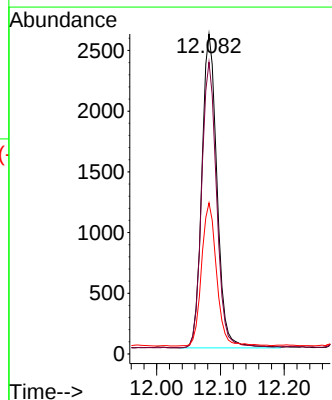
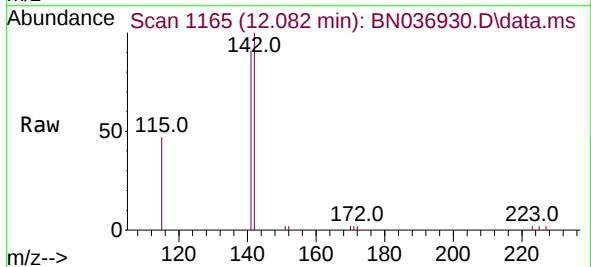
Instrument :  
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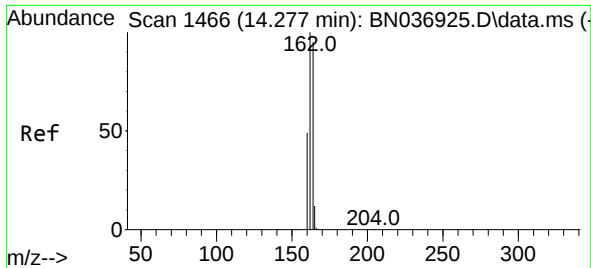
Tgt Ion:152 Resp: 3565  
Ion Ratio Lower Upper  
152 100  
151 21.3 16.9 25.3



#12  
2-Methylnaphthalene  
Concen: 0.367 ng  
RT: 12.082 min Scan# 1165  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

Tgt Ion:142 Resp: 4278  
Ion Ratio Lower Upper  
142 100  
141 91.2 72.8 109.2  
115 47.2 38.2 57.4

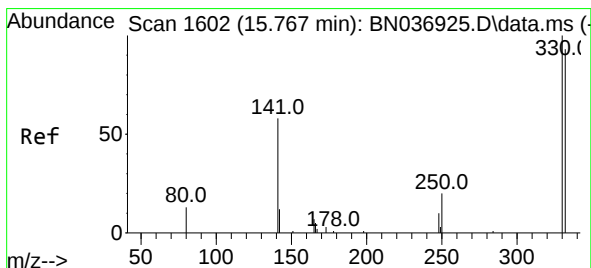
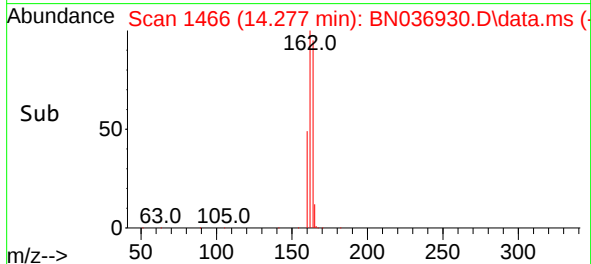
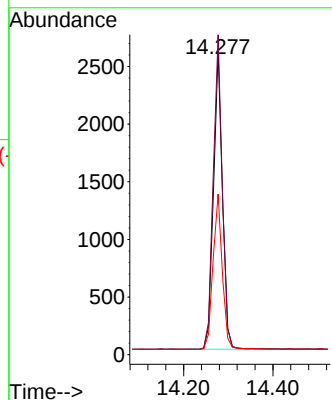
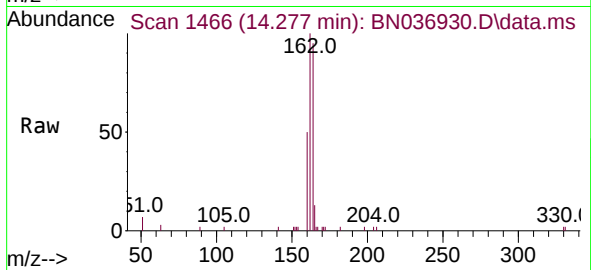




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.277 min Scan# 1466  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

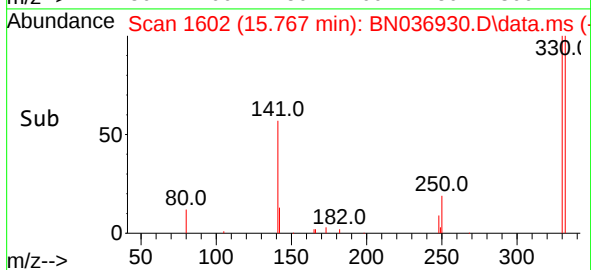
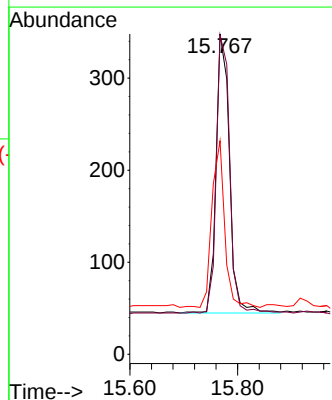
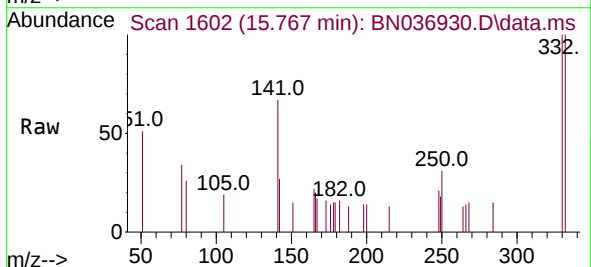
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN042825

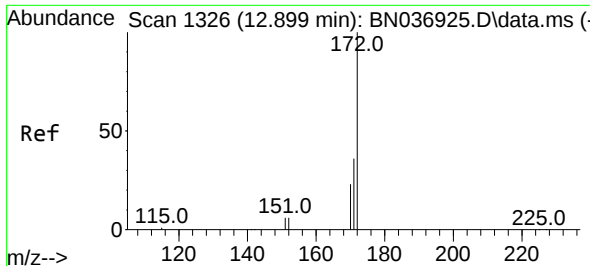
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 3595  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 105.4 | 83.8  | 125.8 |
| 160      | 52.9  | 42.0  | 63.0  |



#14  
2,4,6-Tribromophenol  
Concen: 0.327 ng  
RT: 15.767 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 524   |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 98.9  | 76.3  | 114.5 |
| 141      | 56.5  | 45.4  | 68.2  |

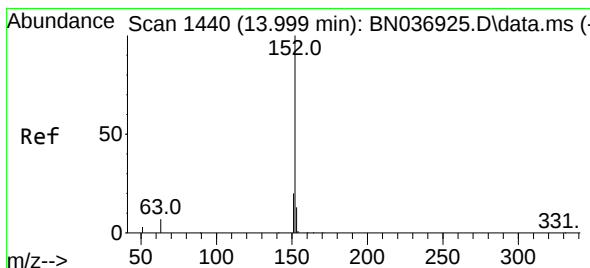
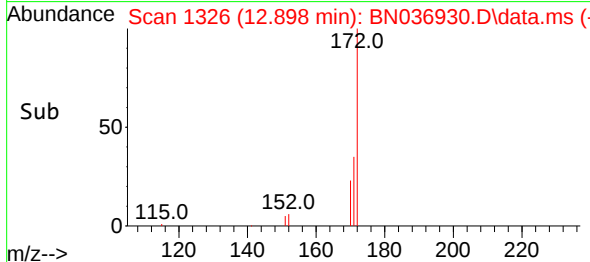
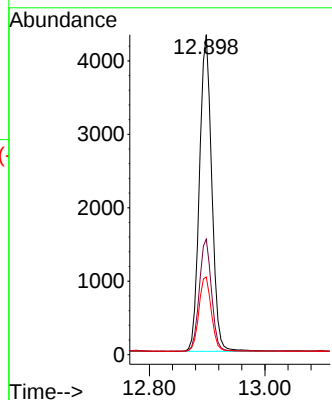
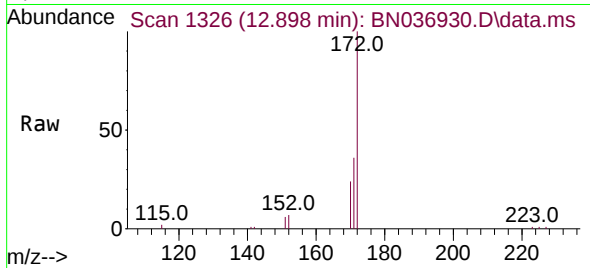




#15  
2-Fluorobiphenyl  
Concen: 0.391 ng  
RT: 12.898 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

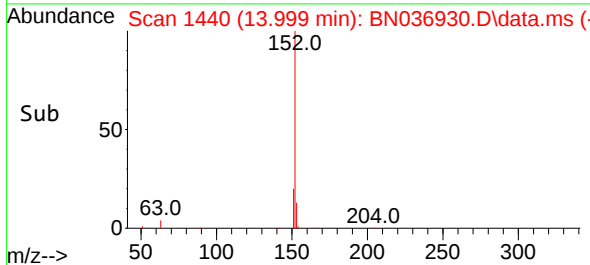
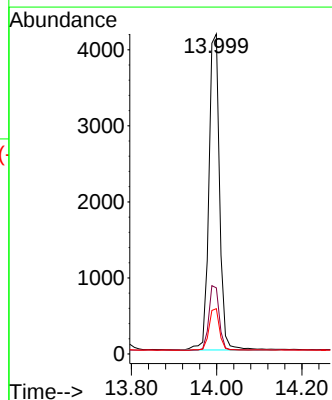
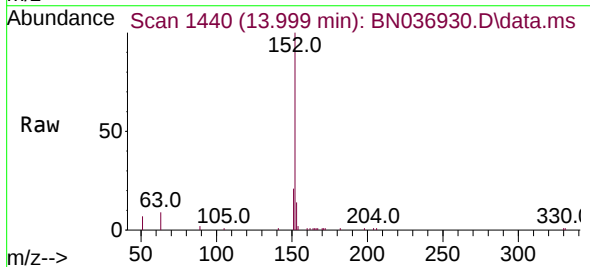
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN042825

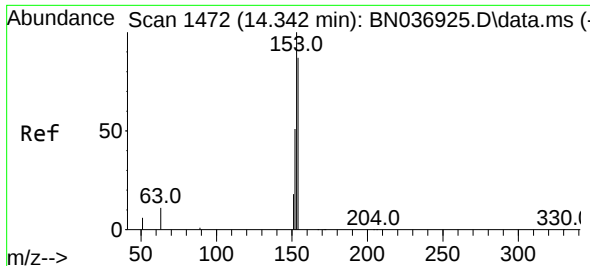
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 6791 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 36.1  | 29.4  | 44.0 |
| 170       | 24.3  | 19.4  | 29.0 |



#16  
Acenaphthylene  
Concen: 0.411 ng  
RT: 13.999 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 7225 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 20.1  | 16.0  | 24.0 |
| 153       | 13.0  | 10.2  | 15.2 |

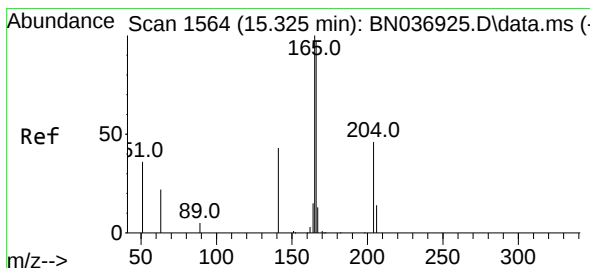
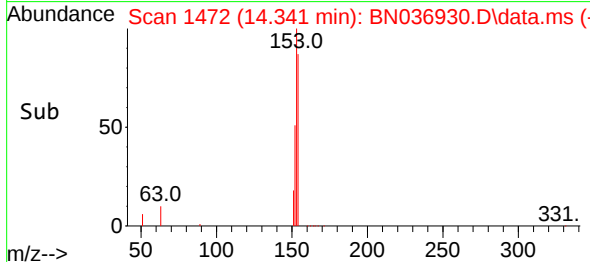
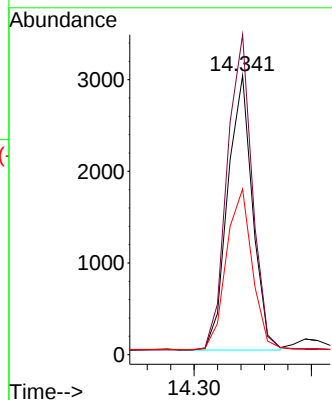
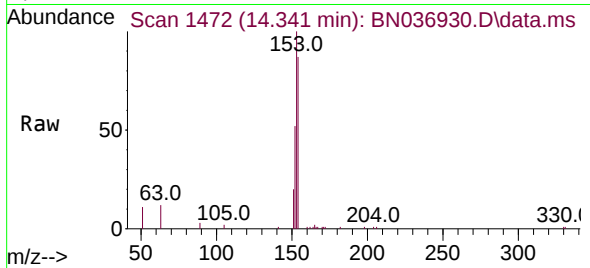




#17  
Acenaphthene  
Concen: 0.382 ng  
RT: 14.341 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

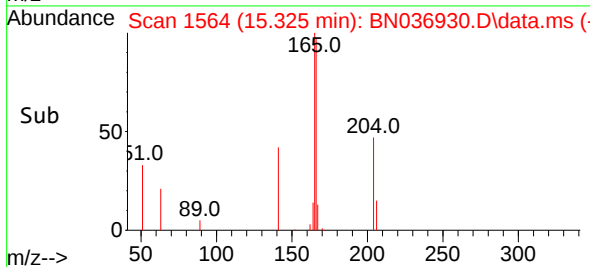
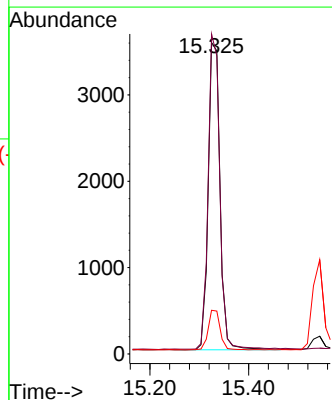
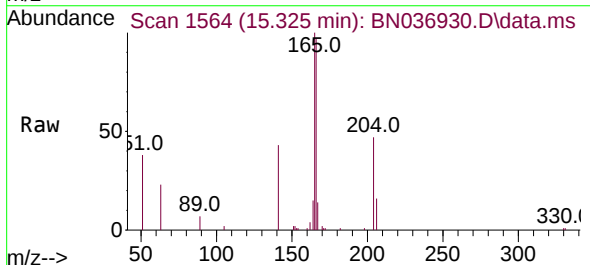
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN042825

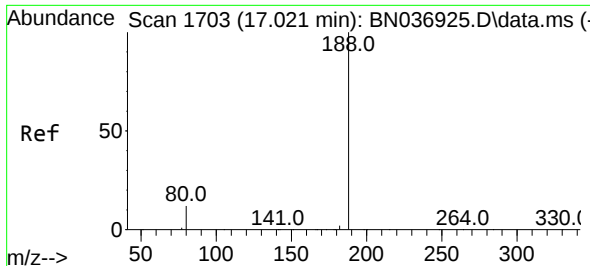
Tgt Ion:154 Resp: 4406  
Ion Ratio Lower Upper  
154 100  
153 116.8 93.4 140.2  
152 61.9 49.5 74.3



#18  
Fluorene  
Concen: 0.390 ng  
RT: 15.325 min Scan# 1564  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

Tgt Ion:166 Resp: 5893  
Ion Ratio Lower Upper  
166 100  
165 100.7 80.8 121.2  
167 13.3 10.8 16.2

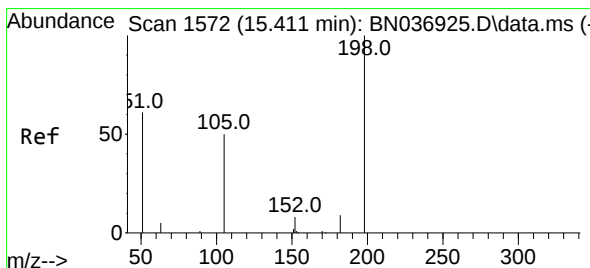
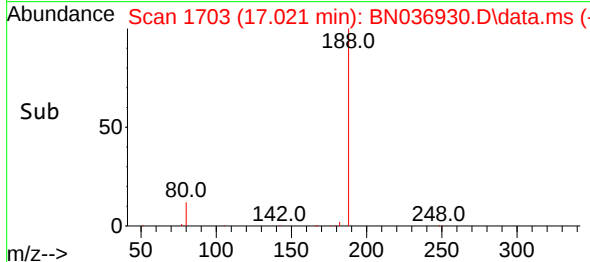
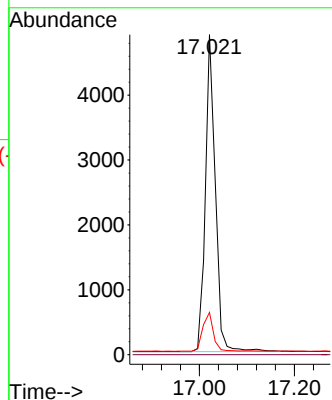
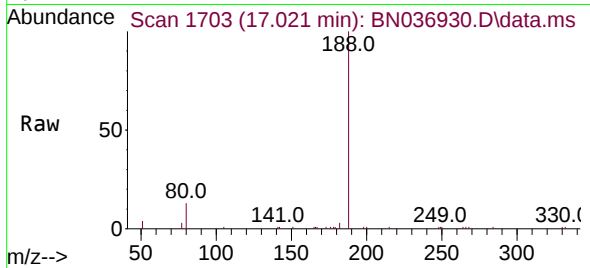




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.021 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

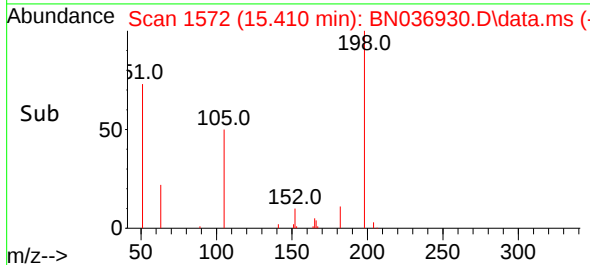
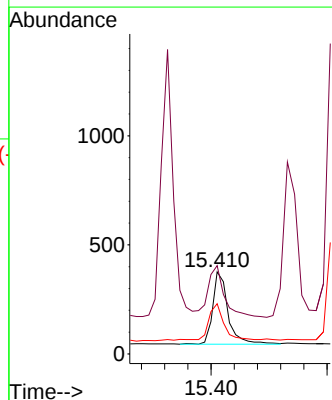
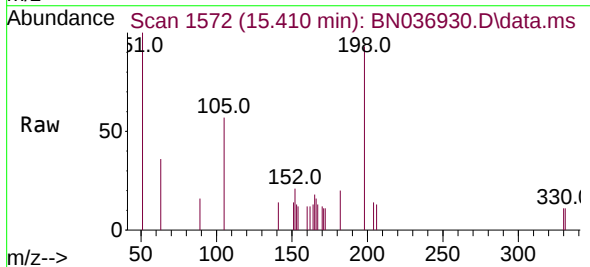
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN042825

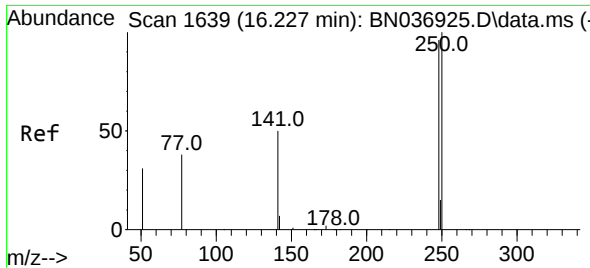
Tgt Ion:188 Resp: 7165  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.2 10.7 16.1



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.323 ng  
RT: 15.410 min Scan# 1572  
Delta R.T. -0.001 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

Tgt Ion:198 Resp: 612  
Ion Ratio Lower Upper  
198 100  
51 107.7 97.9 146.9  
105 61.2 50.0 75.0

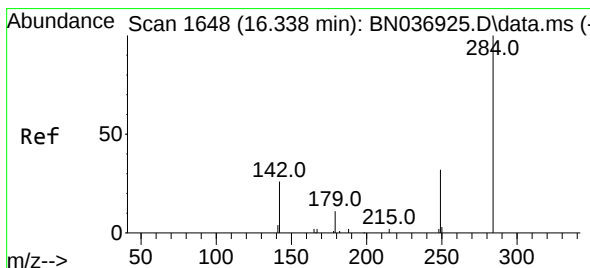
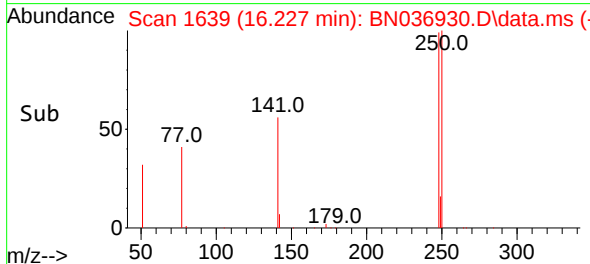
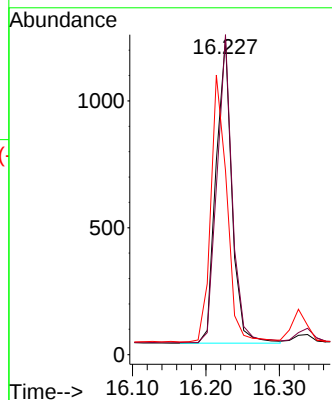
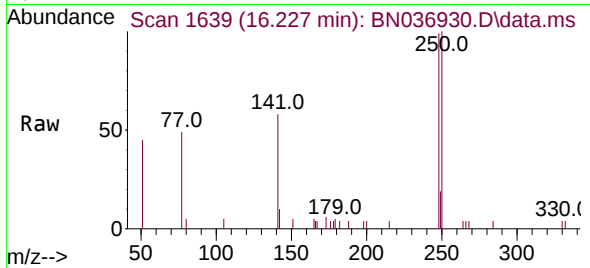




#21  
4-Bromophenyl-phenylether  
Concen: 0.376 ng  
RT: 16.227 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

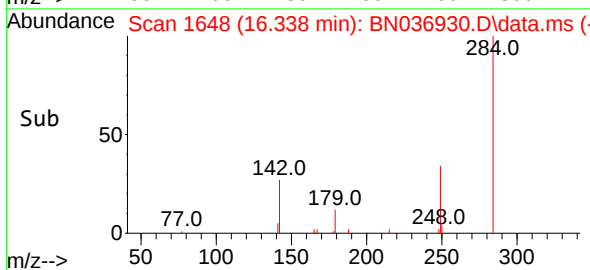
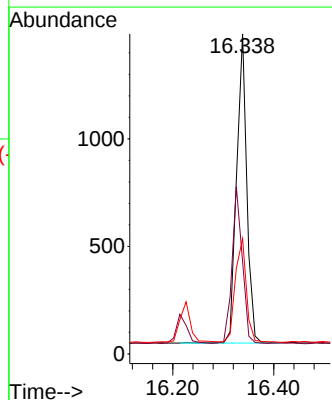
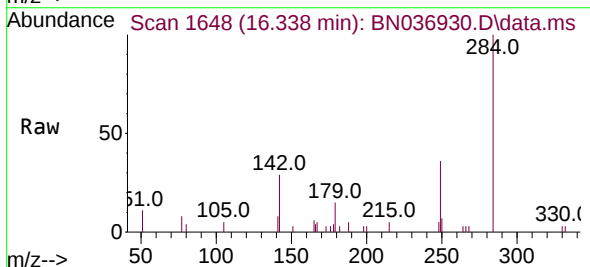
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN042825

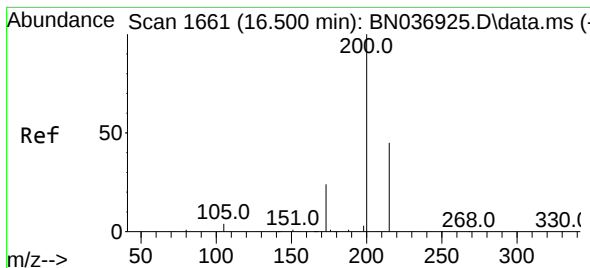
Tgt Ion:248 Resp: 1798  
Ion Ratio Lower Upper  
248 100  
250 101.3 83.7 125.5  
141 58.3 43.8 65.8



#22  
Hexachlorobenzene  
Concen: 0.387 ng  
RT: 16.338 min Scan# 1648  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

Tgt Ion:284 Resp: 2026  
Ion Ratio Lower Upper  
284 100  
142 50.7 40.0 60.0  
249 36.4 28.2 42.2





#23

Atrazine

Concen: 0.403 ng

RT: 16.500 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN036930.D

Acq: 28 Apr 2025 15:51

Instrument :

BNA\_N

ClientSampleId :

ICVBN042825

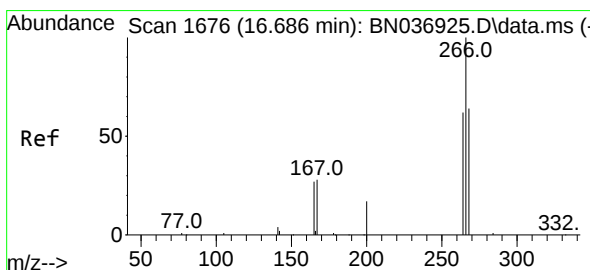
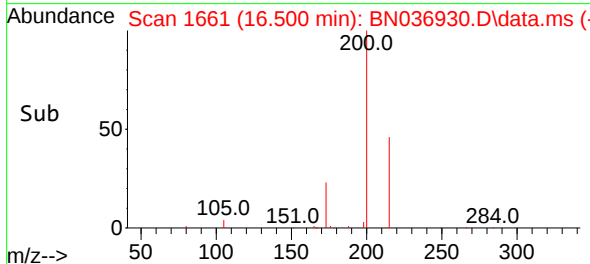
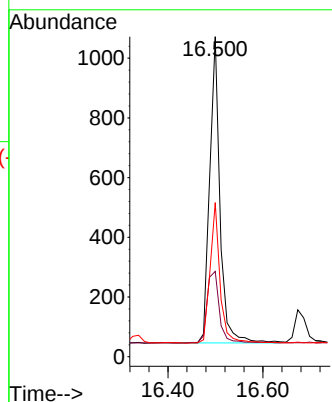
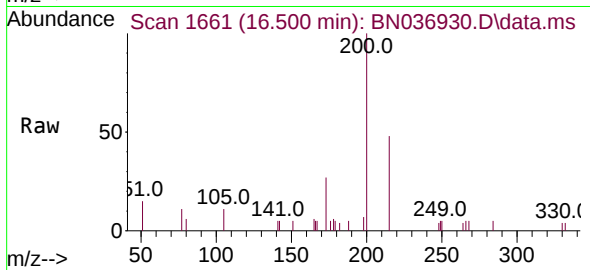
Tgt Ion:200 Resp: 1554

Ion Ratio Lower Upper

200 100

173 26.7 22.4 33.6

215 48.1 38.6 57.8



#24

Pentachlorophenol

Concen: 0.315 ng

RT: 16.686 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BN036930.D

Acq: 28 Apr 2025 15:51

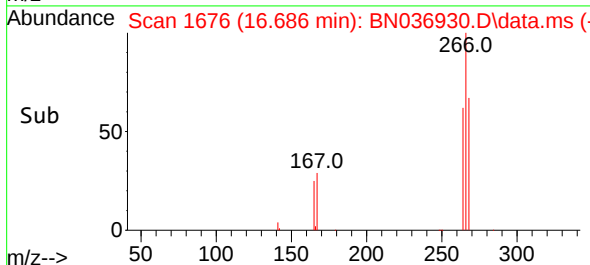
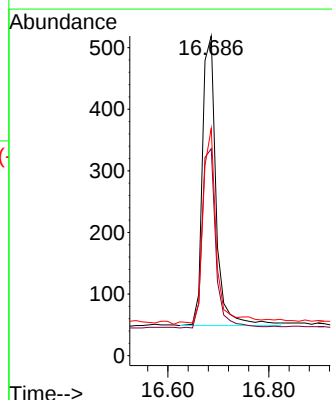
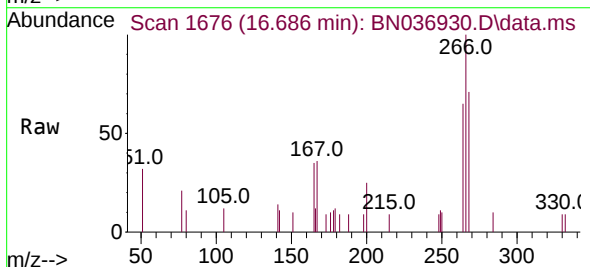
Tgt Ion:266 Resp: 885

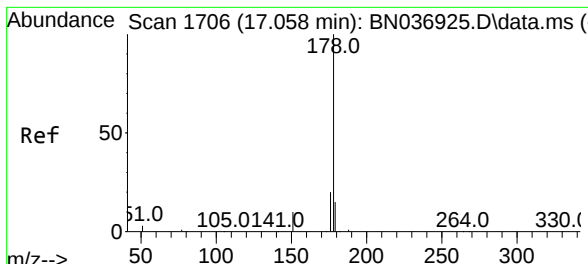
Ion Ratio Lower Upper

266 100

264 62.4 49.9 74.9

268 67.1 52.2 78.4

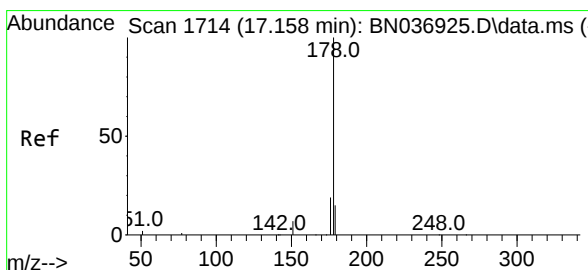
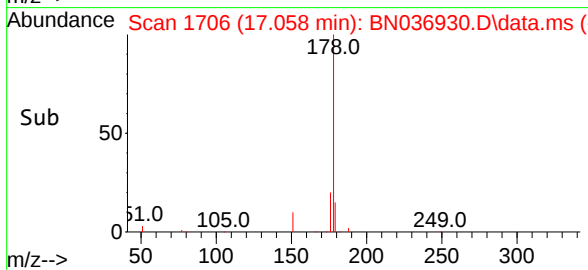
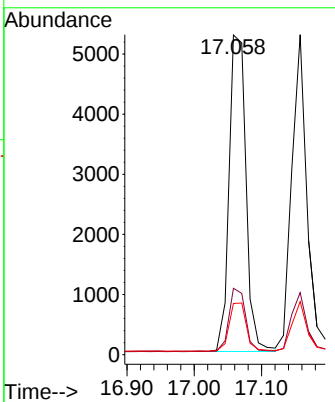
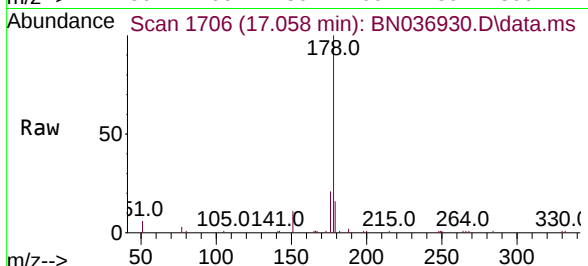




#25  
 Phenanthrene  
 Concen: 0.390 ng  
 RT: 17.058 min Scan# 1706  
 Delta R.T. -0.000 min  
 Lab File: BN036930.D  
 Acq: 28 Apr 2025 15:51

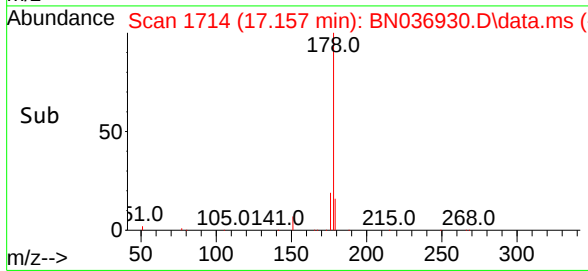
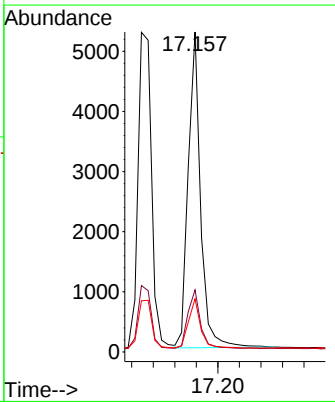
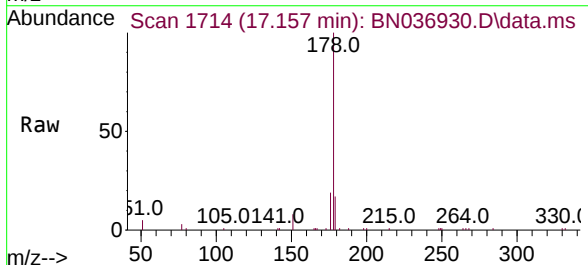
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN042825

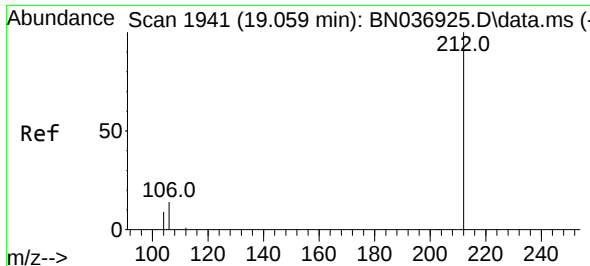
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 9212 |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 19.8  | 15.7  | 23.5 |
| 179       | 15.5  | 12.4  | 18.6 |



#26  
 Anthracene  
 Concen: 0.393 ng  
 RT: 17.157 min Scan# 1714  
 Delta R.T. -0.000 min  
 Lab File: BN036930.D  
 Acq: 28 Apr 2025 15:51

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 8400 |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 19.1  | 15.3  | 22.9 |
| 179       | 15.1  | 12.1  | 18.1 |

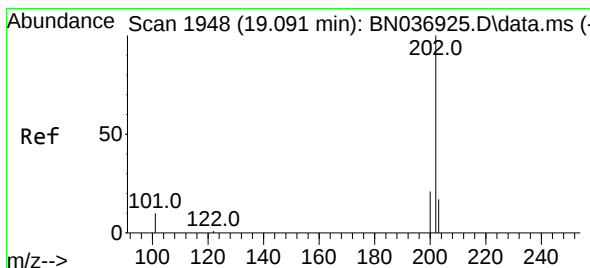
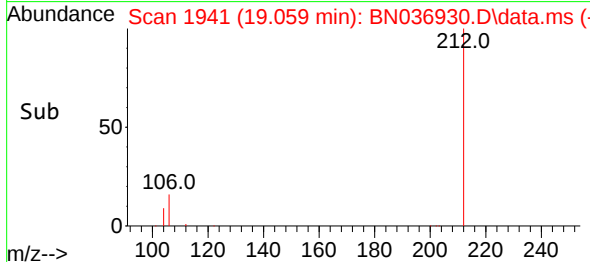
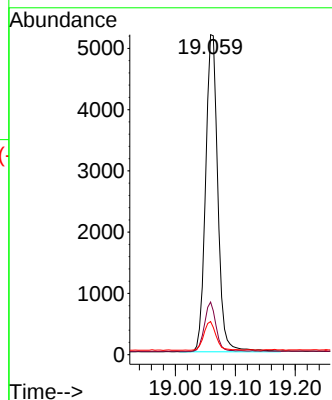
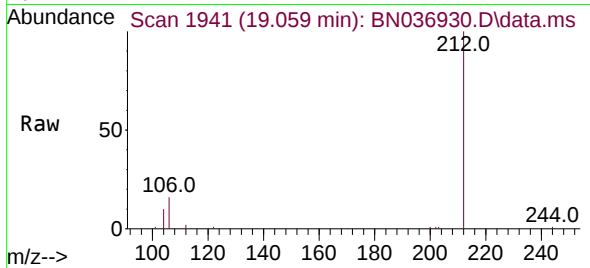




#27  
Fluoranthene-d10  
Concen: 0.396 ng  
RT: 19.059 min Scan# 1941  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

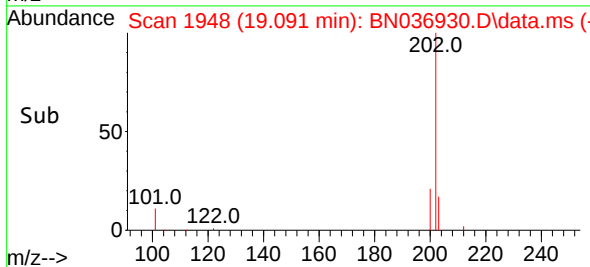
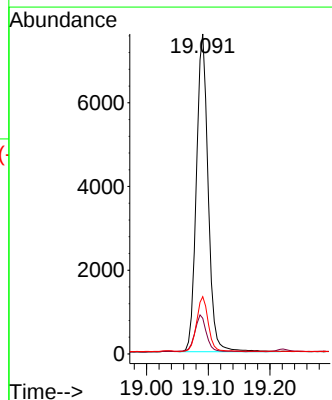
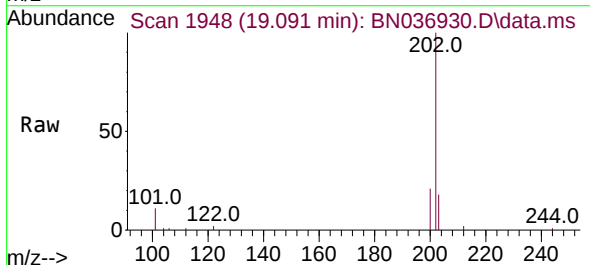
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN042825

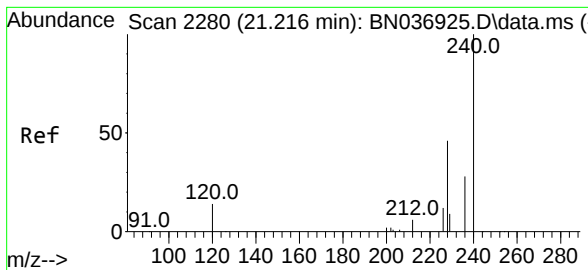
Tgt Ion:212 Resp: 7362  
Ion Ratio Lower Upper  
212 100  
106 14.7 11.6 17.4  
104 9.0 7.0 10.4



#28  
Fluoranthene  
Concen: 0.380 ng  
RT: 19.091 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

Tgt Ion:202 Resp: 10081  
Ion Ratio Lower Upper  
202 100  
101 11.4 8.5 12.7  
203 17.0 13.7 20.5

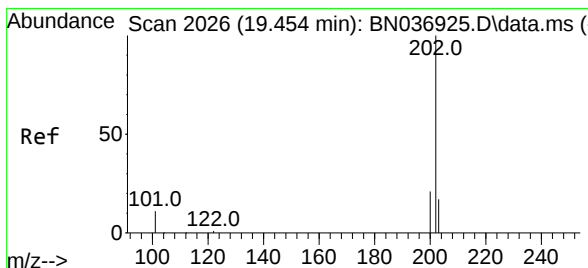
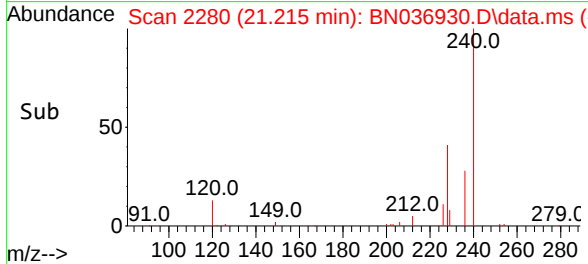
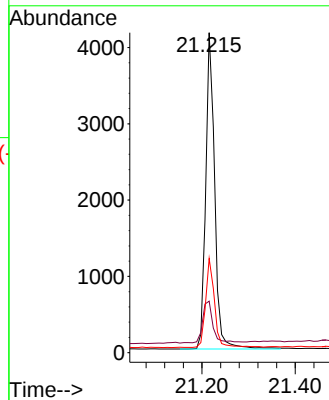
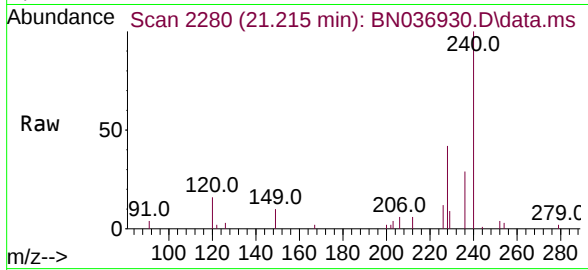




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.215 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

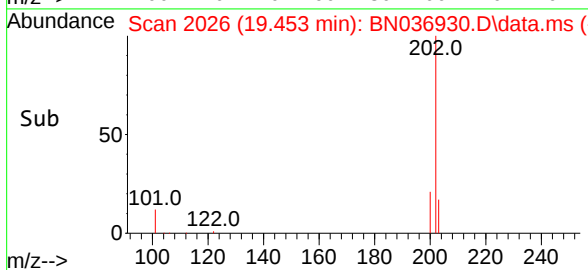
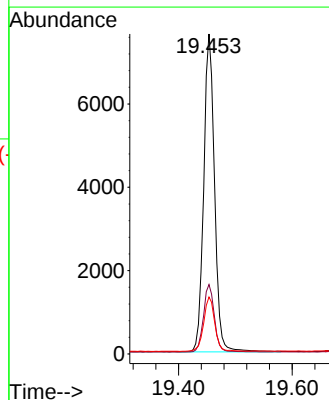
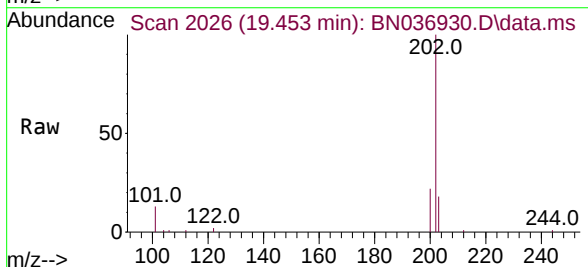
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN042825

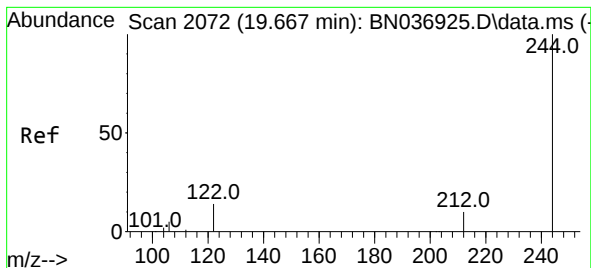
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 240   | Resp: | 5561 |
| Ion Ratio | Lower | Upper |      |
| 240       | 100   |       |      |
| 120       | 16.1  | 14.1  | 21.1 |
| 236       | 29.5  | 23.8  | 35.8 |



#30  
Pyrene  
Concen: 0.376 ng  
RT: 19.453 min Scan# 2026  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 10076 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 21.4  | 17.0  | 25.6  |
| 203       | 17.6  | 14.0  | 21.0  |





#31

Terphenyl-d14

Concen: 0.407 ng

RT: 19.667 min Scan# 2072

Delta R.T. -0.000 min

Lab File: BN036930.D

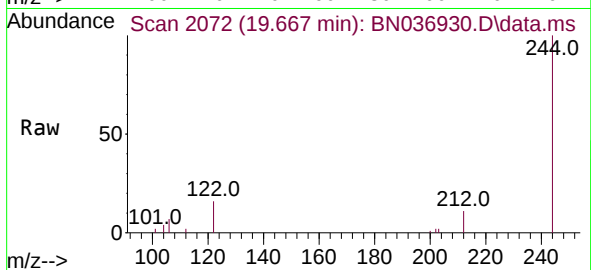
Acq: 28 Apr 2025 15:51

Instrument :

BNA\_N

ClientSampleId :

ICVBN042825



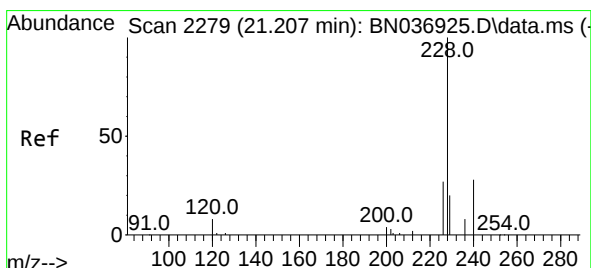
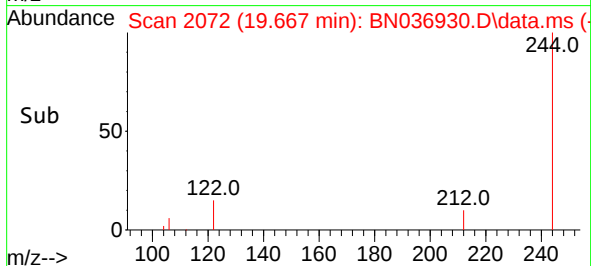
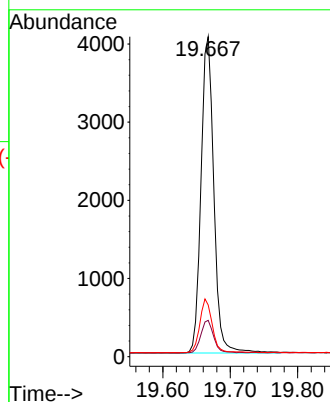
Tgt Ion:244 Resp: 5345

Ion Ratio Lower Upper

244 100

212 11.3 9.6 14.4

122 16.2 12.7 19.1



#32

Benzo(a)anthracene

Concen: 0.396 ng

RT: 21.197 min Scan# 2278

Delta R.T. -0.009 min

Lab File: BN036930.D

Acq: 28 Apr 2025 15:51

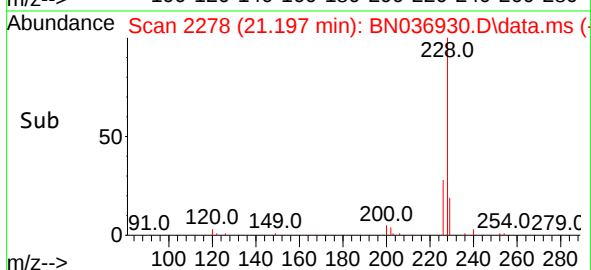
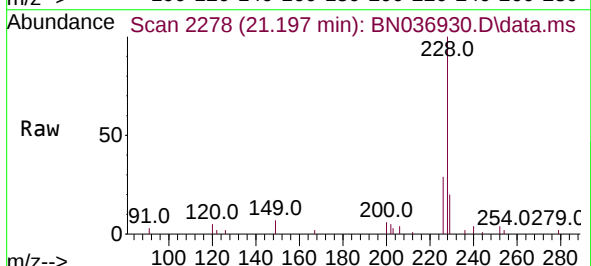
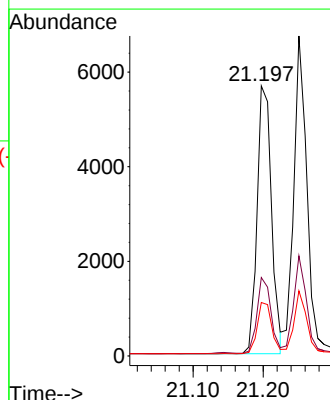
Tgt Ion:228 Resp: 8105

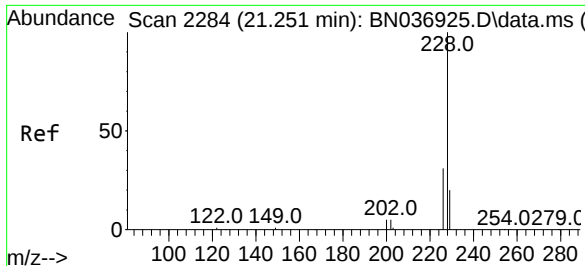
Ion Ratio Lower Upper

228 100

226 29.1 22.2 33.4

229 19.8 16.4 24.6





#33

Chrysene

Concen: 0.405 ng

RT: 21.251 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036930.D

Acq: 28 Apr 2025 15:51

Instrument :

BNA\_N

ClientSampleId :

ICVBN042825

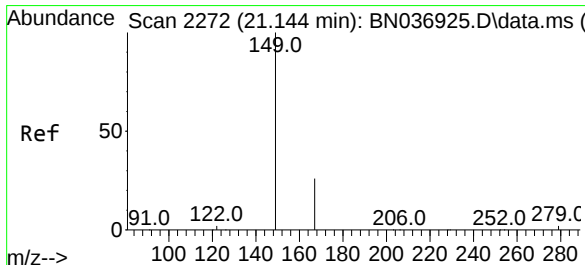
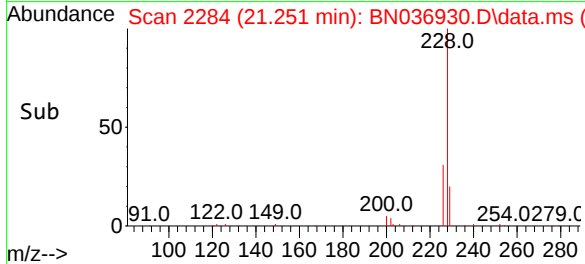
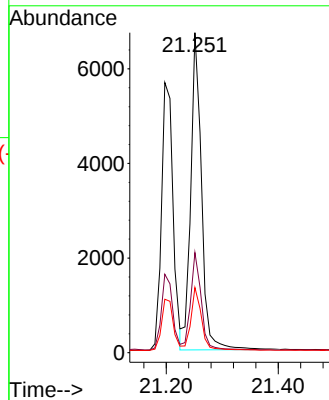
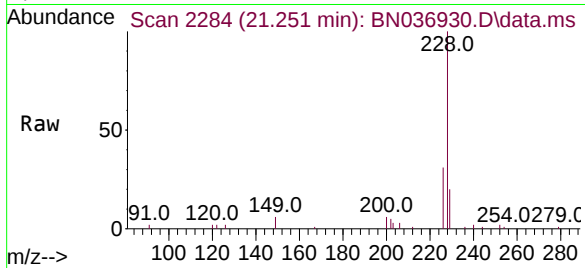
Tgt Ion:228 Resp: 8947

Ion Ratio Lower Upper

228 100

226 31.3 25.5 38.3

229 20.4 16.5 24.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.360 ng

RT: 21.144 min Scan# 2272

Delta R.T. -0.000 min

Lab File: BN036930.D

Acq: 28 Apr 2025 15:51

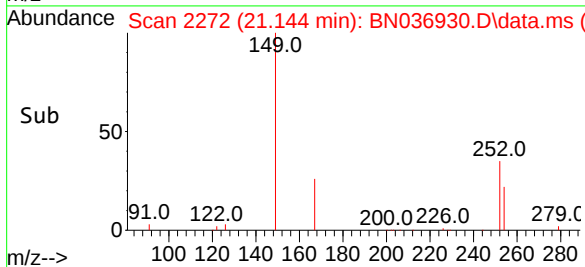
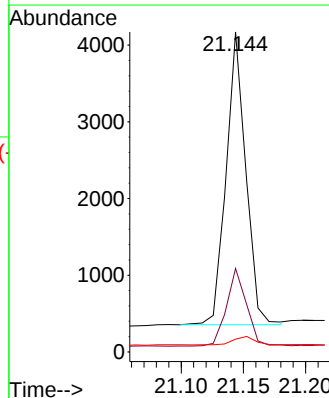
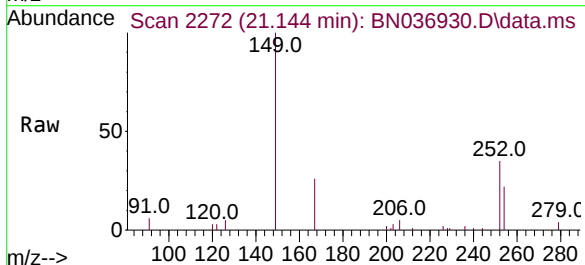
Tgt Ion:149 Resp: 4190

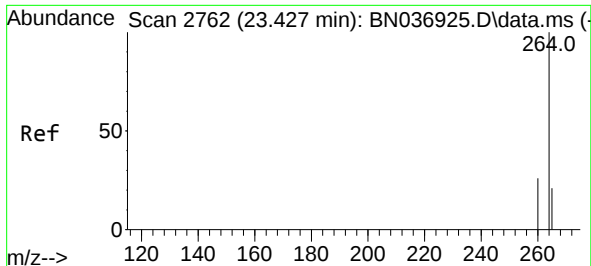
Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.6

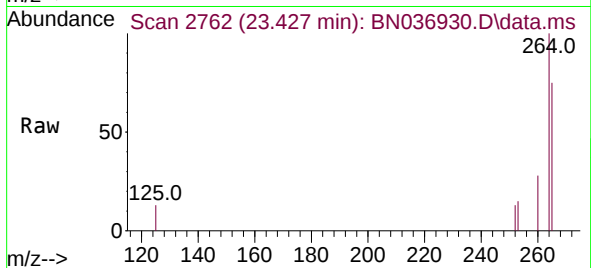
279 3.2 2.7 4.1



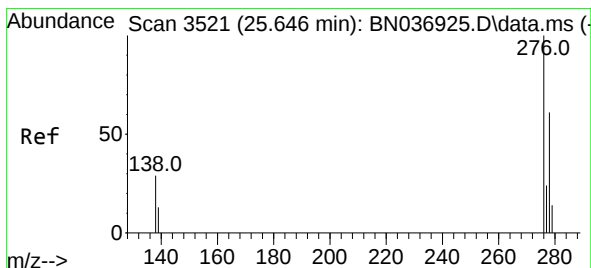
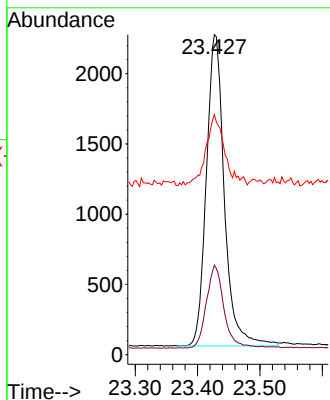
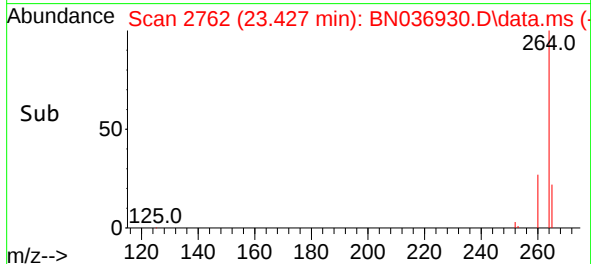


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.427 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN042825

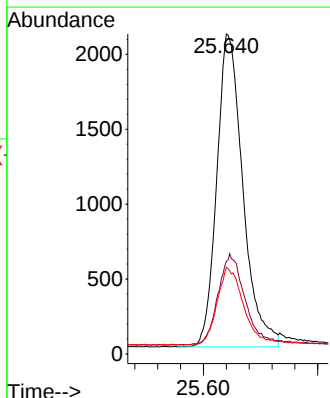
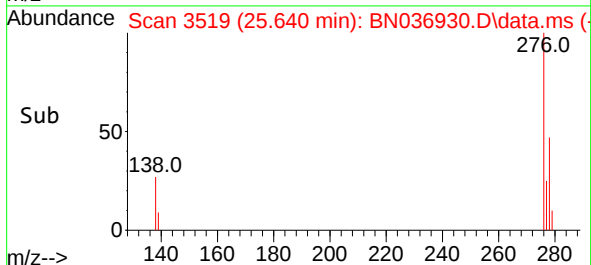
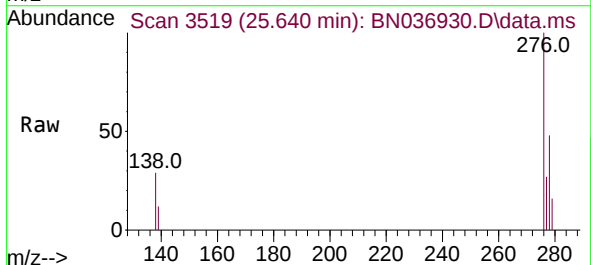


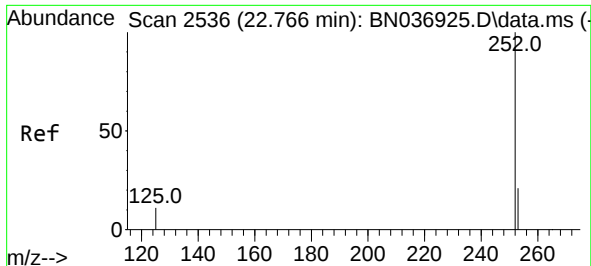
Tgt Ion:264 Resp: 4453  
Ion Ratio Lower Upper  
264 100  
260 28.0 22.2 33.2  
265 75.0 65.8 98.6



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.364 ng  
RT: 25.640 min Scan# 3519  
Delta R.T. -0.006 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

Tgt Ion:276 Resp: 6626  
Ion Ratio Lower Upper  
276 100  
138 29.6 23.0 34.6  
277 24.9 20.0 30.0

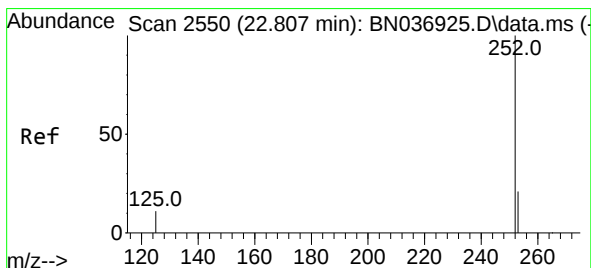
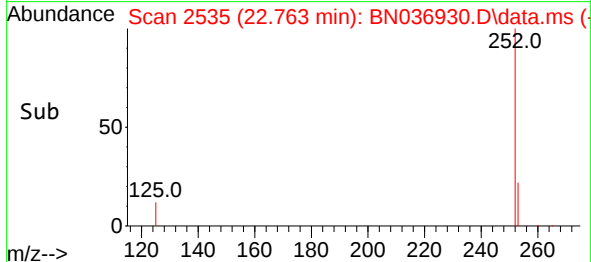
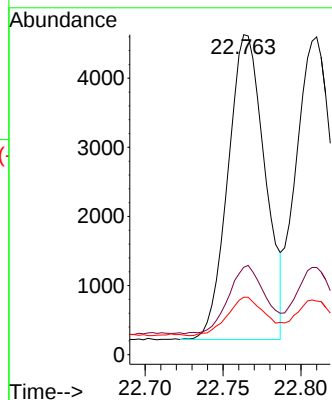
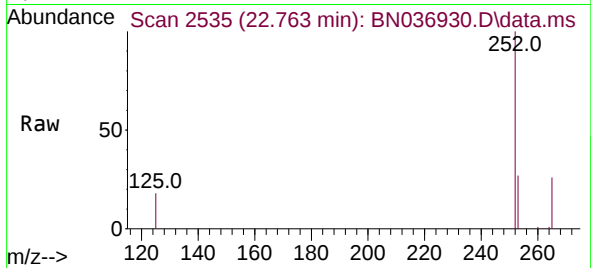




#37  
Benzo(b)fluoranthene  
Concen: 0.389 ng  
RT: 22.763 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

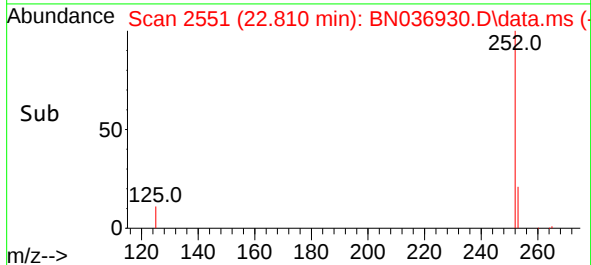
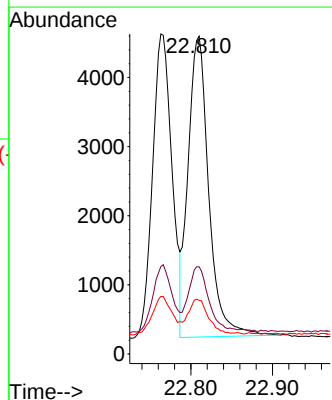
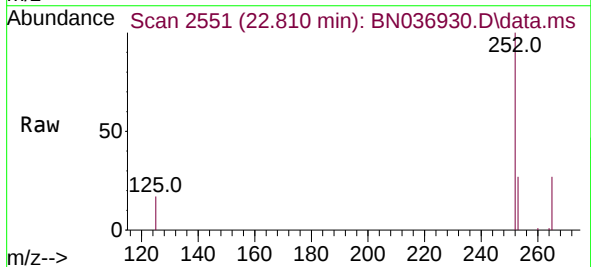
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN042825

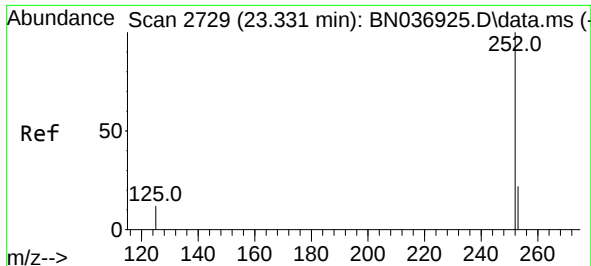
Tgt Ion:252 Resp: 7283  
Ion Ratio Lower Upper  
252 100  
253 27.3 22.1 33.1  
125 18.0 14.2 21.2



#38  
Benzo(k)fluoranthene  
Concen: 0.407 ng  
RT: 22.810 min Scan# 2551  
Delta R.T. 0.003 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

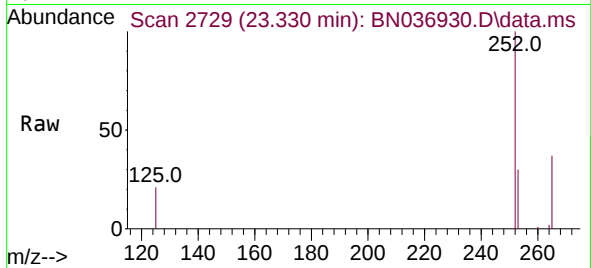
Tgt Ion:252 Resp: 7655  
Ion Ratio Lower Upper  
252 100  
253 27.4 22.8 34.2  
125 16.9 14.2 21.2





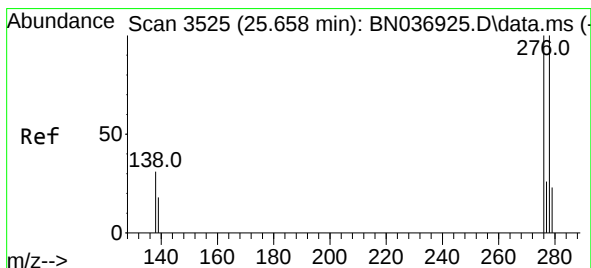
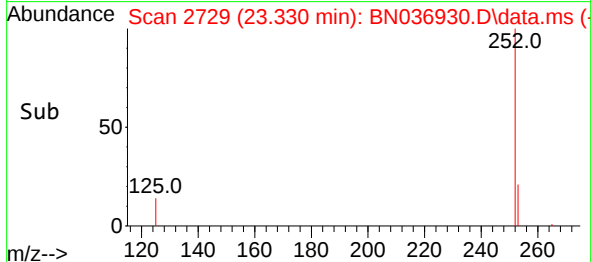
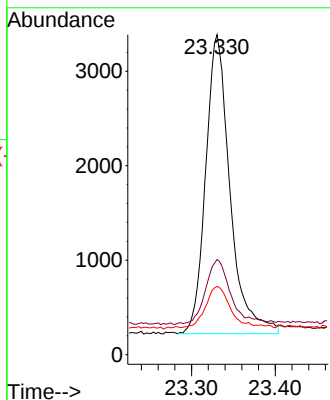
#39  
Benzo(a)pyrene  
Concen: 0.417 ng  
RT: 23.330 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN042825



Tgt Ion: 252 Resp: 6417

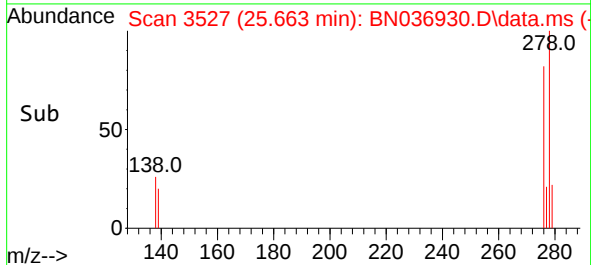
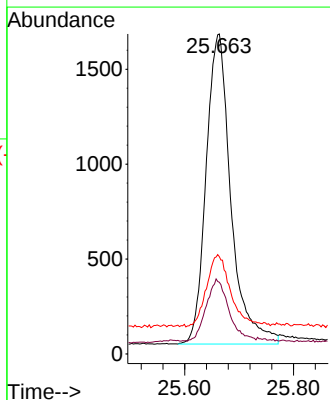
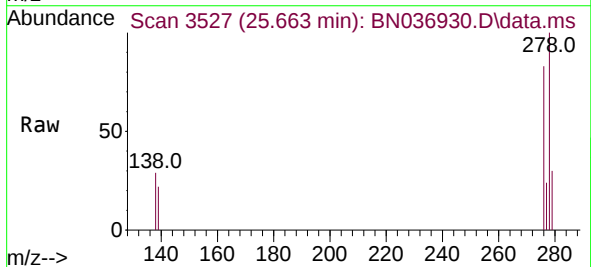
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 29.8  | 25.9  | 38.9  |
| 125 | 21.3  | 17.4  | 26.0  |

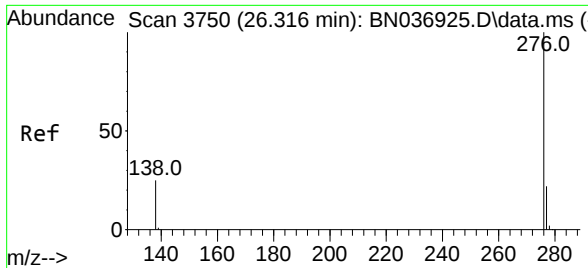


#40  
Dibenzo(a,h)anthracene  
Concen: 0.362 ng  
RT: 25.663 min Scan# 3527  
Delta R.T. 0.006 min  
Lab File: BN036930.D  
Acq: 28 Apr 2025 15:51

Tgt Ion: 278 Resp: 5177

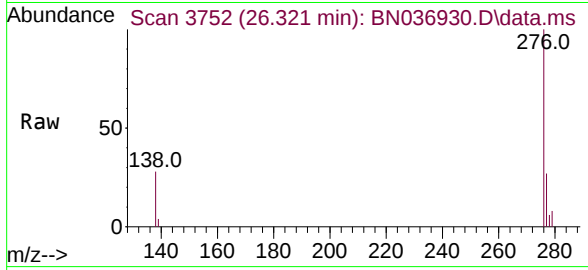
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 22.4  | 17.4  | 26.2  |
| 279 | 30.4  | 24.9  | 37.3  |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.359 ng  
 RT: 26.321 min Scan# 31  
 Delta R.T. 0.006 min  
 Lab File: BN036930.D  
 Acq: 28 Apr 2025 15:51

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN042825



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 5705  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 26.5  | 20.2  | 30.2  |
| 138      | 28.5  | 21.9  | 32.9  |

