

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120125\  
 Data File : BN038230.D  
 Acq On : 01 Dec 2025 17:51  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Dec 01 18:21:10 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 28 21:04:10 2025  
 Response via : Initial Calibration

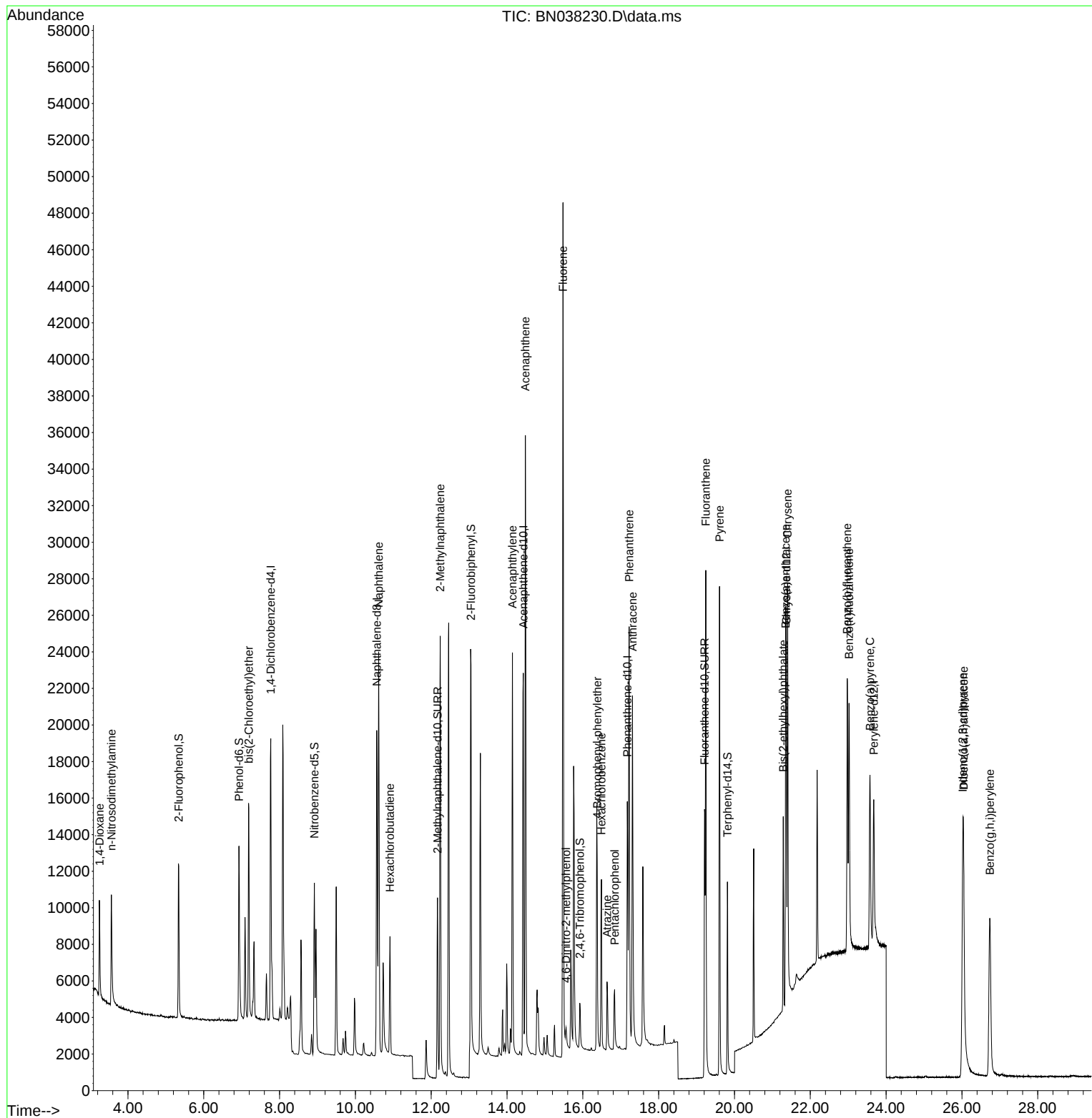
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.768  | 152  | 8054     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.562 | 136  | 24560    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.430 | 164  | 13292    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.173 | 188  | 21033    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.366 | 240  | 11703    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.674 | 264  | 11756    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.341  | 112  | 7599     | 0.404 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.930  | 99   | 9694     | 0.412 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.918  | 82   | 7786     | 0.396 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.167 | 152  | 14508    | 0.416 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.920 | 330  | 1841     | 0.440 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.051 | 172  | 22013    | 0.429 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.211 | 212  | 17901    | 0.392 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.815 | 244  | 11251    | 0.416 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.254  | 88   | 3634     | 0.428 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.564  | 42   | 4349     | 0.416 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 7.190  | 93   | 9627     | 0.428 | ng    | 98       |
| 9) Naphthalene                | 10.616 | 128  | 28944    | 0.424 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.914 | 225  | 5122     | 0.442 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.238 | 142  | 18811    | 0.419 | ng    | 98       |
| 16) Acenaphthylene            | 14.142 | 152  | 24999    | 0.421 | ng    | 99       |
| 17) Acenaphthene              | 14.484 | 154  | 17563    | 0.424 | ng    | 100      |
| 18) Fluorene                  | 15.478 | 166  | 22309    | 0.416 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.560 | 198  | 909      | 0.563 | ng    | # 49     |
| 21) 4-Bromophenyl-phenylether | 16.379 | 248  | 6262     | 0.430 | ng    | 94       |
| 22) Hexachlorobenzene         | 16.491 | 284  | 7993     | 0.446 | ng    | 100      |
| 23) Atrazine                  | 16.640 | 200  | 3766     | 0.405 | ng    | # 93     |
| 24) Pentachlorophenol         | 16.838 | 266  | 2201     | 0.448 | ng    | 97       |
| 25) Phenanthrene              | 17.223 | 178  | 27475    | 0.416 | ng    | 99       |
| 26) Anthracene                | 17.310 | 178  | 23318    | 0.414 | ng    | 99       |
| 28) Fluoranthene              | 19.243 | 202  | 25815    | 0.406 | ng    | 99       |
| 30) Pyrene                    | 19.606 | 202  | 25312    | 0.433 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.348 | 228  | 16944    | 0.428 | ng    | 100      |
| 33) Chrysene                  | 21.402 | 228  | 20596    | 0.440 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.286 | 149  | 9347     | 0.431 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.022 | 276  | 23141    | 0.425 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 22.975 | 252  | 19476    | 0.404 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 23.022 | 252  | 19637    | 0.391 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.575 | 252  | 16399    | 0.405 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 26.042 | 278  | 17617    | 0.428 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.738 | 276  | 20554    | 0.418 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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Sample : SSTDCCC0.4  
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ALS Vial : 2 Sample Multiplier: 1

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SSTDCCC0.4

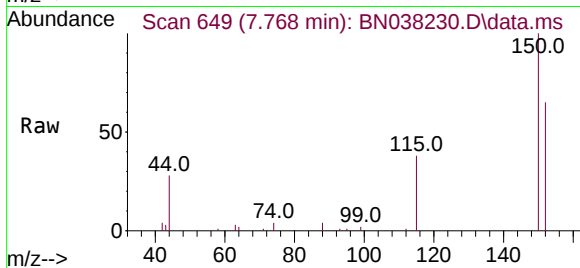
Quant Time: Dec 01 18:21:10 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112725.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 28 21:04:10 2025  
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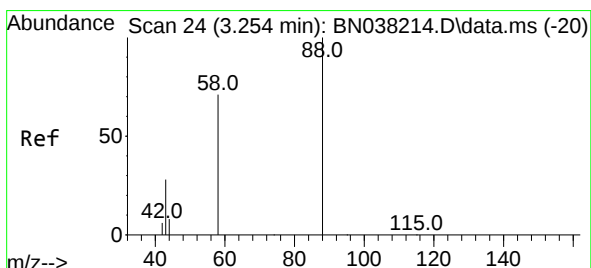
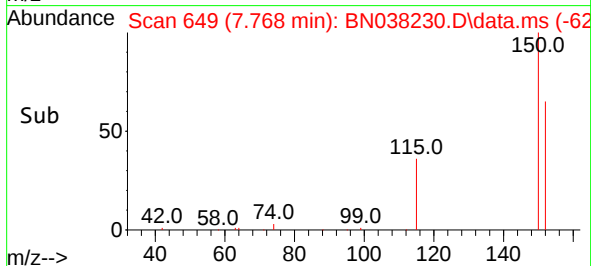
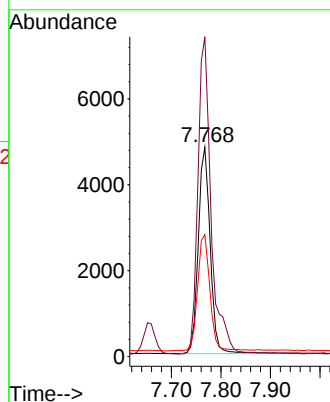


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.768 min Scan# 64  
 Delta R.T. -0.000 min  
 Lab File: BN038230.D  
 Acq: 01 Dec 2025 17:51

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

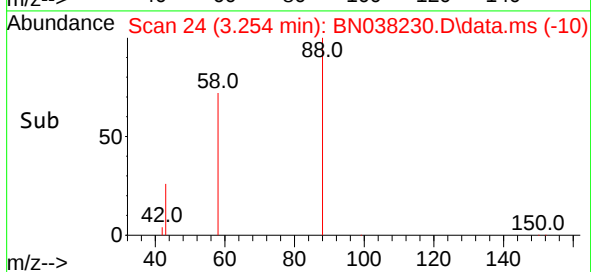
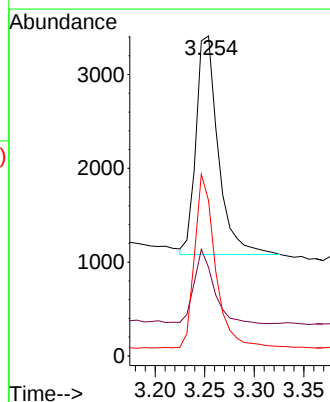
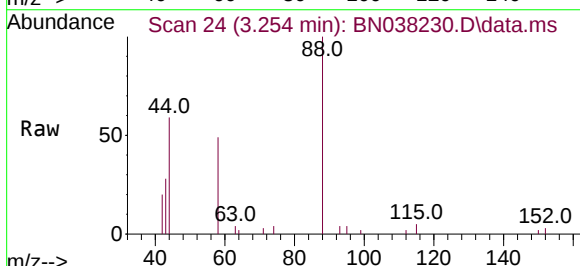


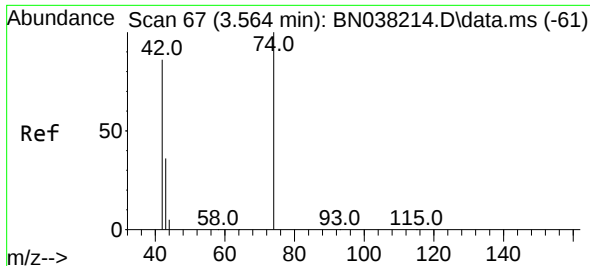
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 Ion Ratio Lower Upper  
 152 100  
 150 152.8 125.3 187.9  
 115 58.3 49.0 73.4



#2  
 1,4-Dioxane  
 Concen: 0.428 ng  
 RT: 3.254 min Scan# 24  
 Delta R.T. 0.000 min  
 Lab File: BN038230.D  
 Acq: 01 Dec 2025 17:51

Tgt Ion: 88 Resp: 3634  
 Ion Ratio Lower Upper  
 88 100  
 43 30.2 24.8 37.2  
 58 75.3 61.1 91.7

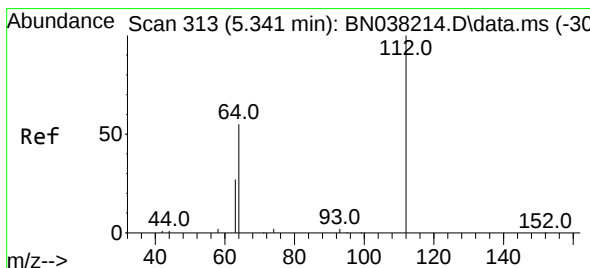
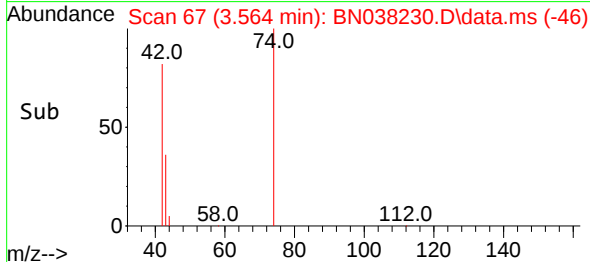
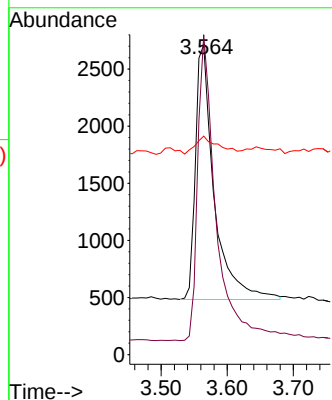
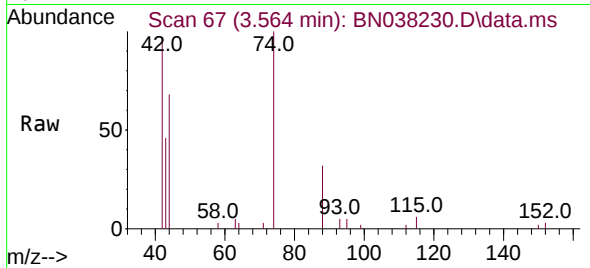




#3  
n-Nitrosodimethylamine  
Concen: 0.416 ng  
RT: 3.564 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

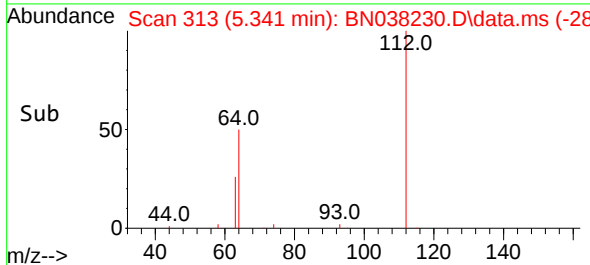
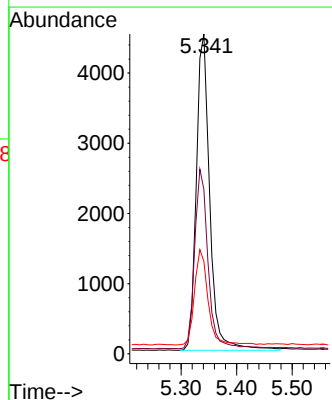
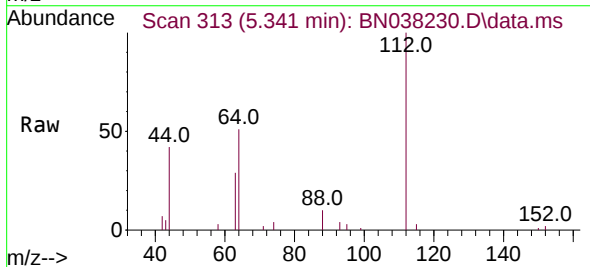
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

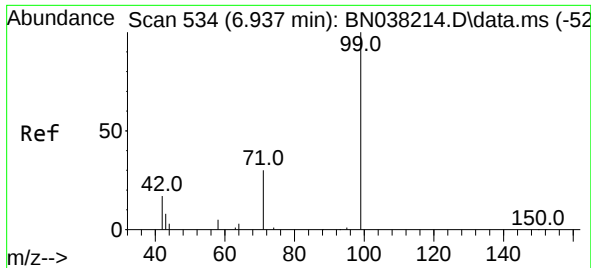
Tgt Ion: 42 Resp: 4349  
Ion Ratio Lower Upper  
42 100  
74 118.4 96.2 144.2  
44 8.3 8.0 12.0



#4  
2-Fluorophenol  
Concen: 0.404 ng  
RT: 5.341 min Scan# 313  
Delta R.T. 0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

Tgt Ion: 112 Resp: 7599  
Ion Ratio Lower Upper  
112 100  
64 56.4 45.0 67.4  
63 30.4 23.2 34.8

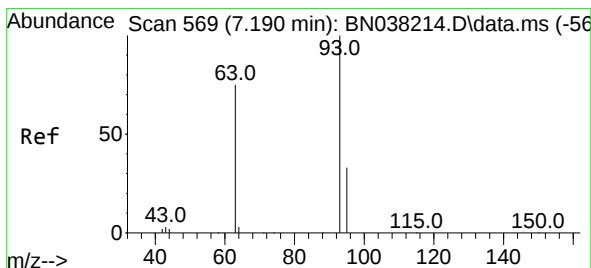
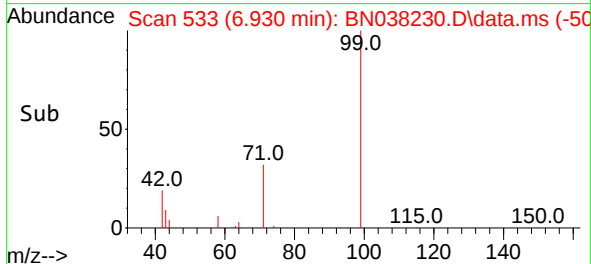
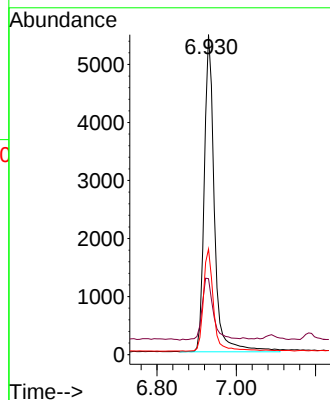
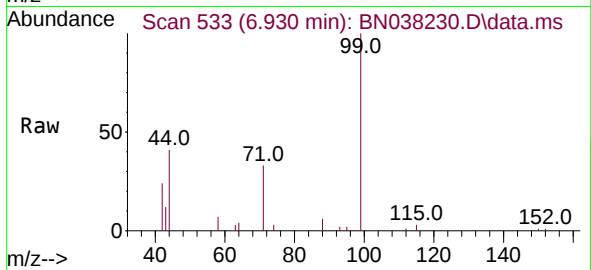




#5  
Phenol-d6  
Concen: 0.412 ng  
RT: 6.930 min Scan# 534  
Delta R.T. -0.007 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

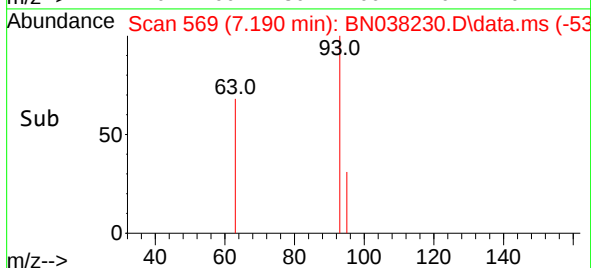
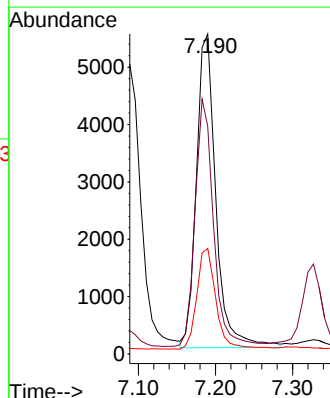
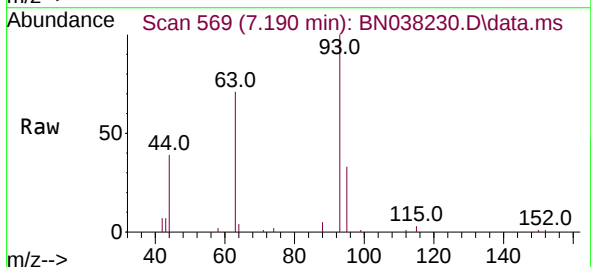
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

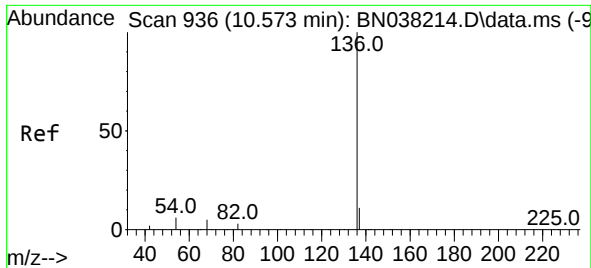
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 9694  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.0  | 17.0  | 25.6  |
| 71       | 31.9  | 25.4  | 38.2  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.428 ng  
RT: 7.190 min Scan# 569  
Delta R.T. 0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 9627  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 74.5  | 58.1  | 87.1  |
| 95       | 31.3  | 25.1  | 37.7  |

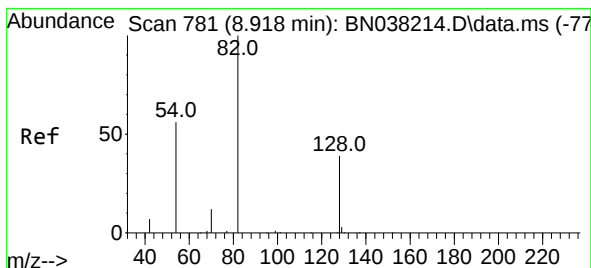
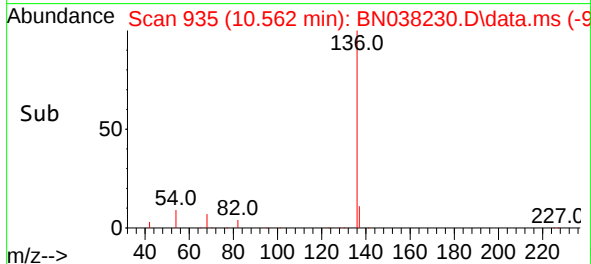
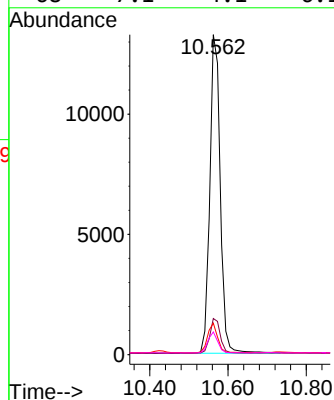
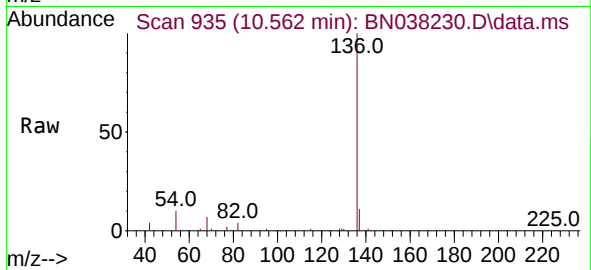




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.562 min Scan# 936  
Delta R.T. -0.011 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

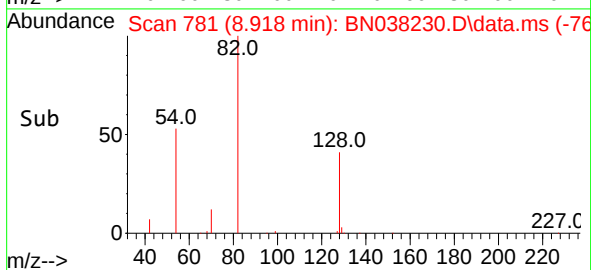
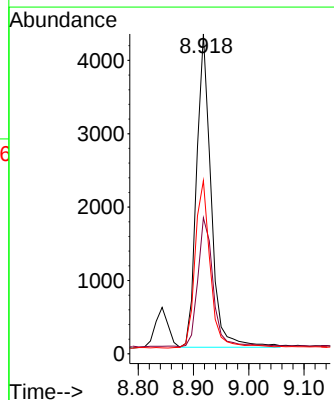
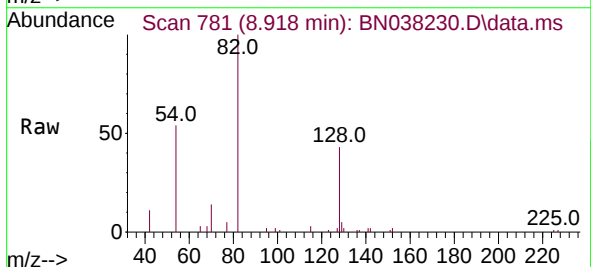
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

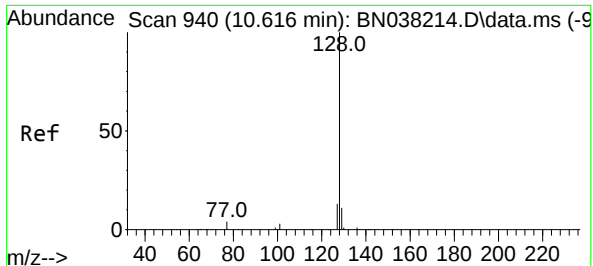
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 24560 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 8.9   | 13.3  |
| 54        | 9.8   | 5.4   | 8.0#  |
| 68        | 7.1   | 4.1   | 6.1#  |



#8  
Nitrobenzene-d5  
Concen: 0.396 ng  
RT: 8.918 min Scan# 781  
Delta R.T. 0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 7786 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 42.5  | 32.6  | 48.8 |
| 54        | 54.1  | 45.4  | 68.0 |

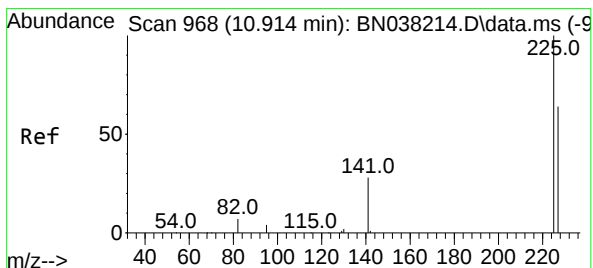
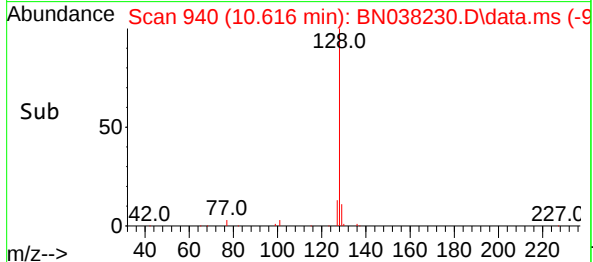
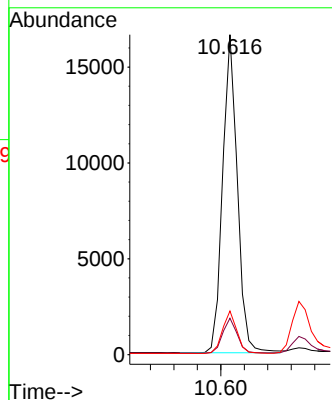
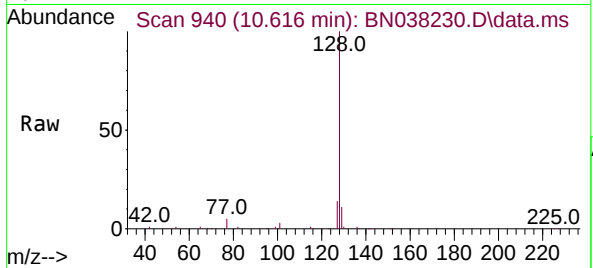




#9  
Naphthalene  
Concen: 0.424 ng  
RT: 10.616 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

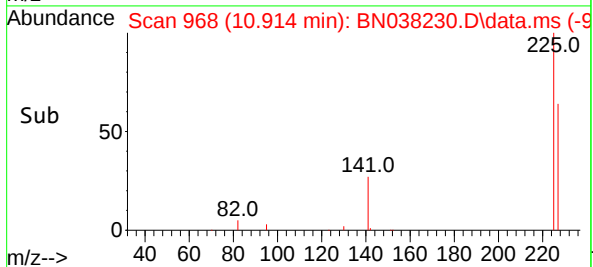
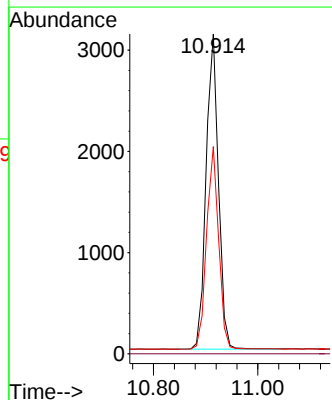
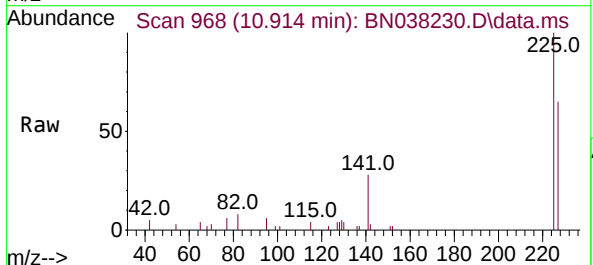
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

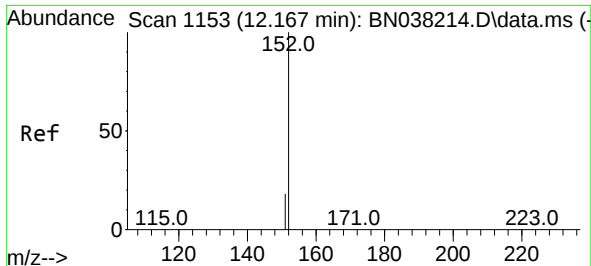
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|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 28944 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.4  | 9.1   | 13.7  |
| 127       | 13.6  | 10.6  | 16.0  |



#10  
Hexachlorobutadiene  
Concen: 0.442 ng  
RT: 10.914 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 5122 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 63.0  | 50.5  | 75.7 |

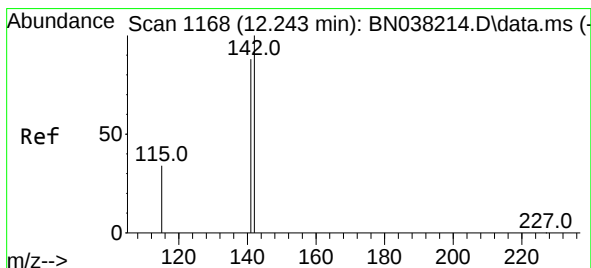
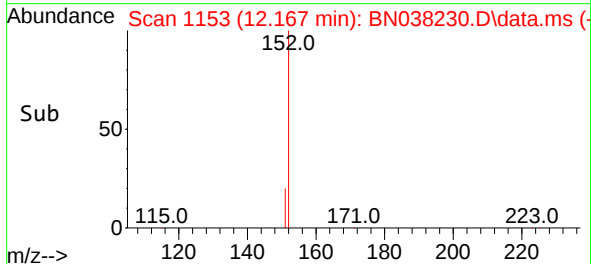
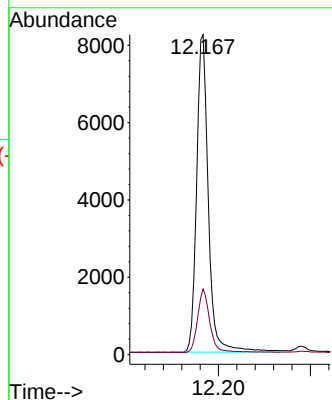
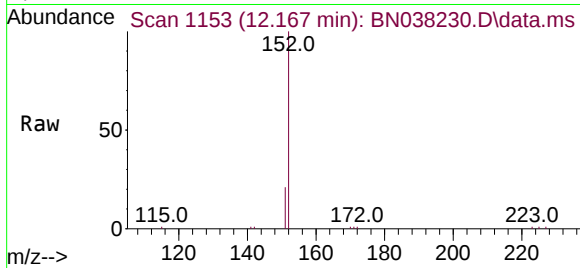




#11  
2-Methylnaphthalene-d10  
Concen: 0.416 ng  
RT: 12.167 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

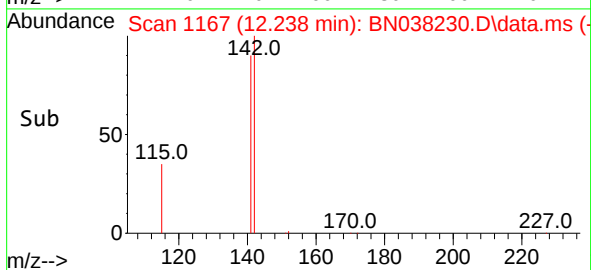
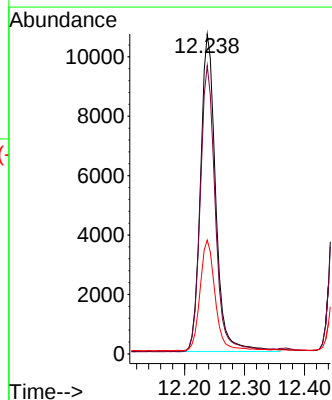
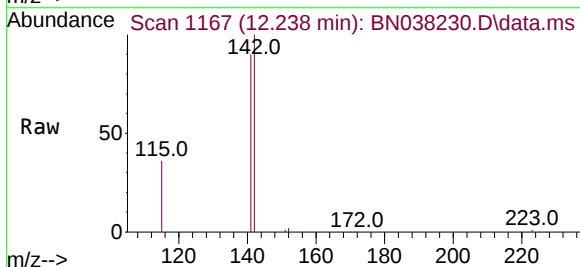
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

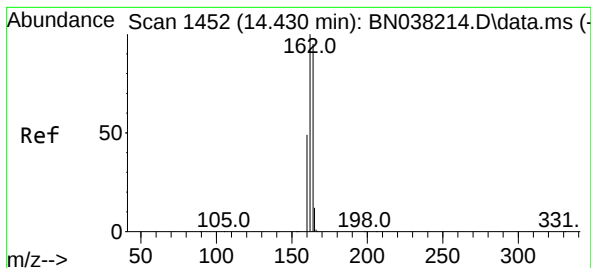
Tgt Ion:152 Resp: 14508  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.7 25.1



#12  
2-Methylnaphthalene  
Concen: 0.419 ng  
RT: 12.238 min Scan# 1167  
Delta R.T. -0.005 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

Tgt Ion:142 Resp: 18811  
Ion Ratio Lower Upper  
142 100  
141 90.1 70.9 106.3  
115 35.6 27.7 41.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.430 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BN038230.D

Acq: 01 Dec 2025 17:51

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

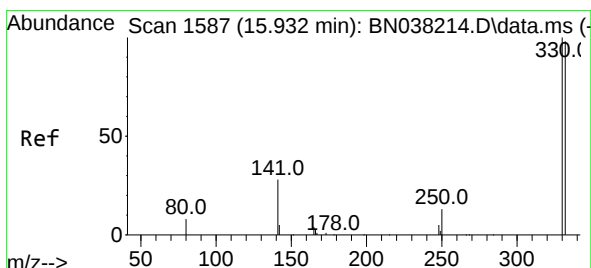
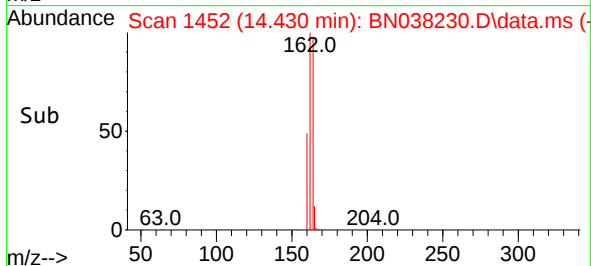
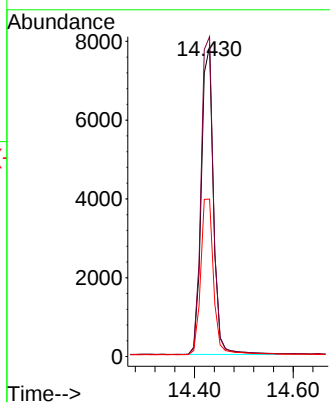
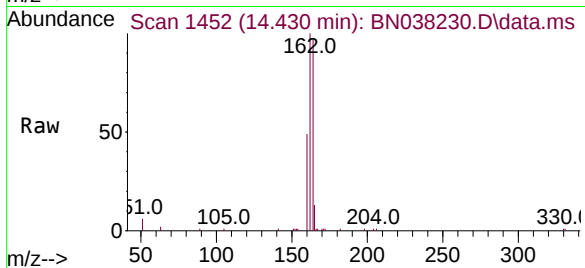
Tgt Ion:164 Resp: 13292

Ion Ratio Lower Upper

164 100

162 103.2 83.8 125.8

160 50.8 41.6 62.4



#14

2,4,6-Tribromophenol

Concen: 0.440 ng

RT: 15.920 min Scan# 1586

Delta R.T. -0.012 min

Lab File: BN038230.D

Acq: 01 Dec 2025 17:51

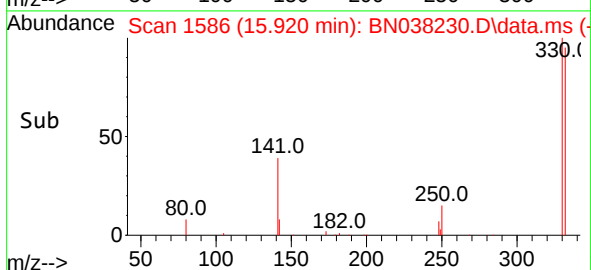
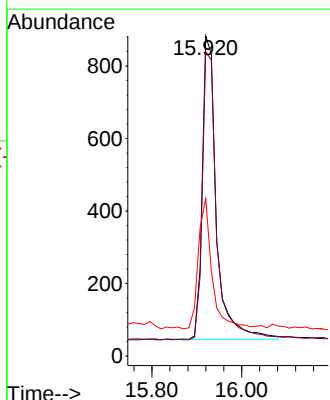
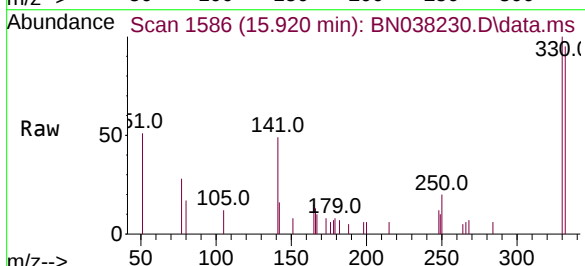
Tgt Ion:330 Resp: 1841

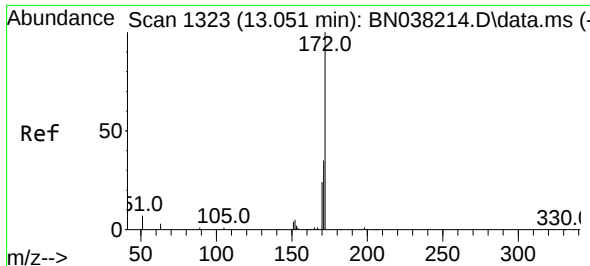
Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.6

141 41.4 33.0 49.4

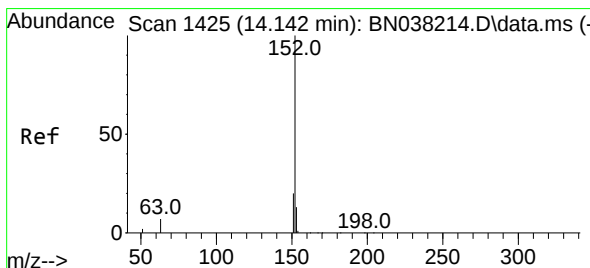
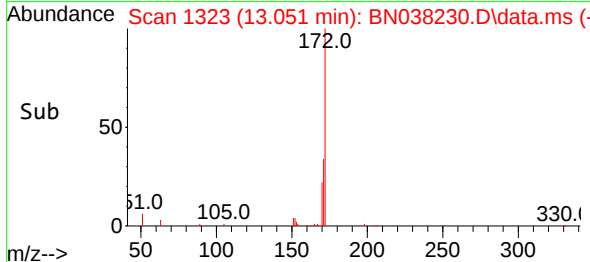
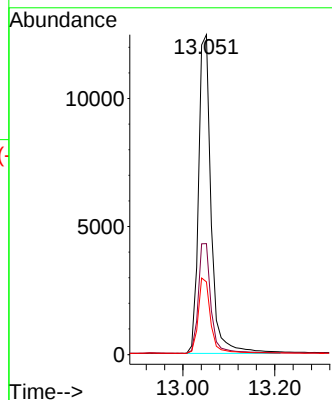
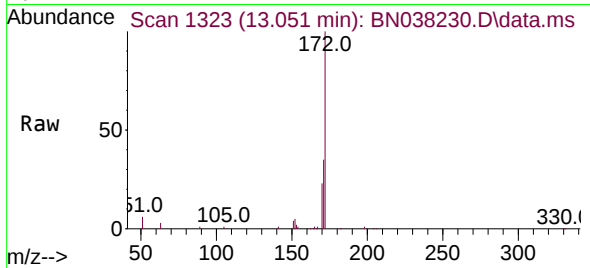




#15  
2-Fluorobiphenyl  
Concen: 0.429 ng  
RT: 13.051 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

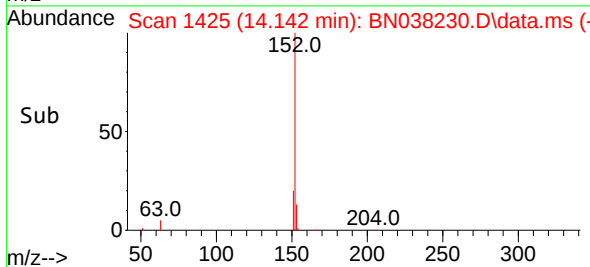
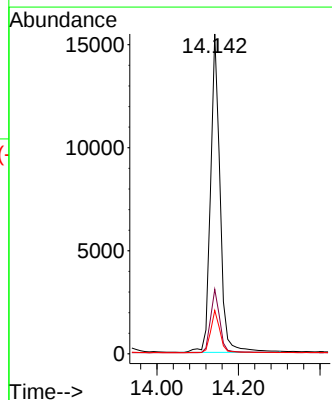
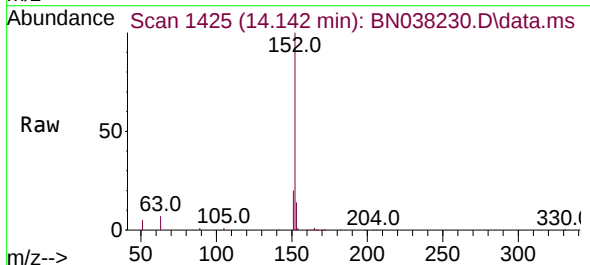
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

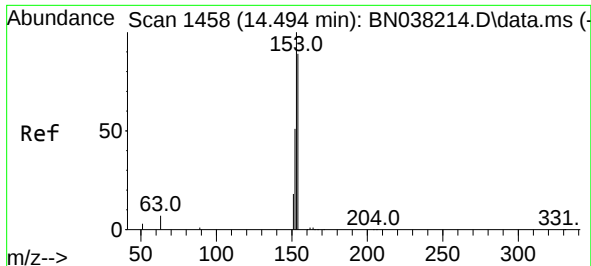
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 22013 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.7  | 28.1  | 42.1  |
| 170       | 22.7  | 19.1  | 28.7  |



#16  
Acenaphthylene  
Concen: 0.421 ng  
RT: 14.142 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 24999 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.9  | 15.6  | 23.4  |
| 153       | 13.0  | 10.6  | 15.8  |

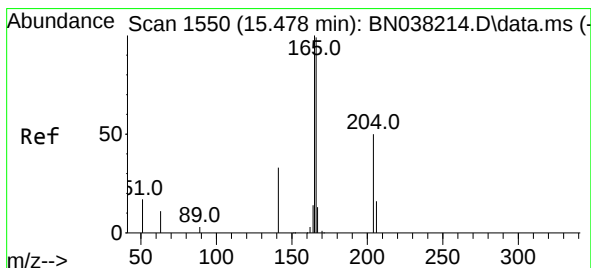
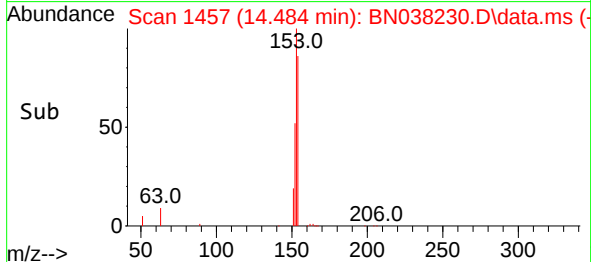
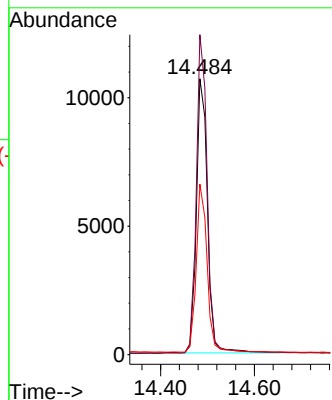
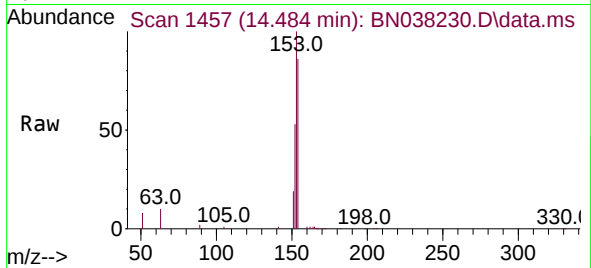




#17  
Acenaphthene  
Concen: 0.424 ng  
RT: 14.484 min Scan# 1458  
Delta R.T. -0.011 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

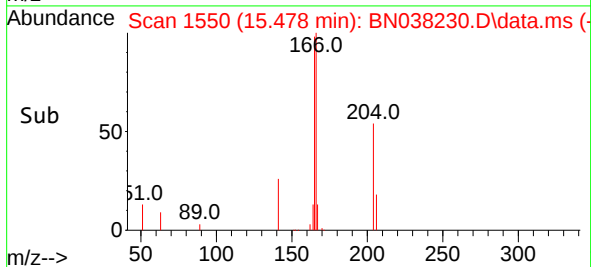
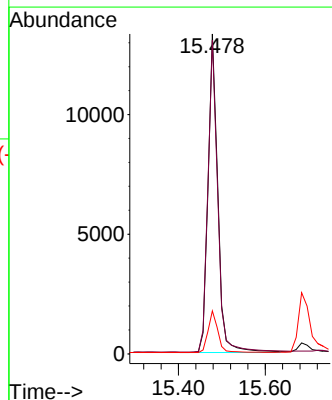
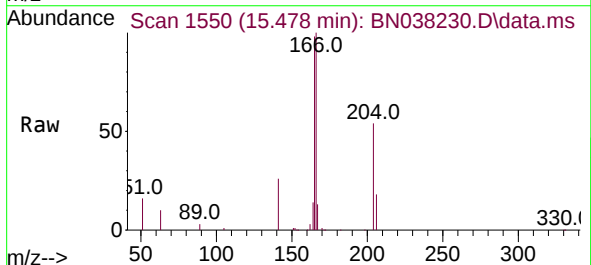
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

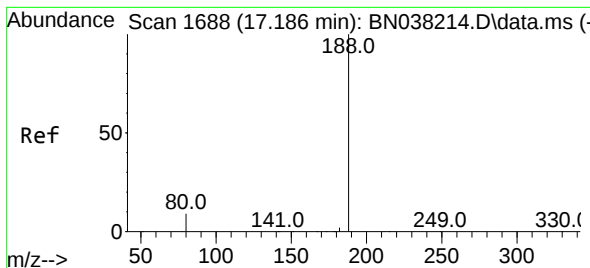
Tgt Ion:154 Resp: 17563  
Ion Ratio Lower Upper  
154 100  
153 114.3 91.1 136.7  
152 60.2 48.2 72.2



#18  
Fluorene  
Concen: 0.416 ng  
RT: 15.478 min Scan# 1550  
Delta R.T. -0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

Tgt Ion:166 Resp: 22309  
Ion Ratio Lower Upper  
166 100  
165 99.2 78.7 118.1  
167 13.0 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.173 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN038230.D

Acq: 01 Dec 2025 17:51

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

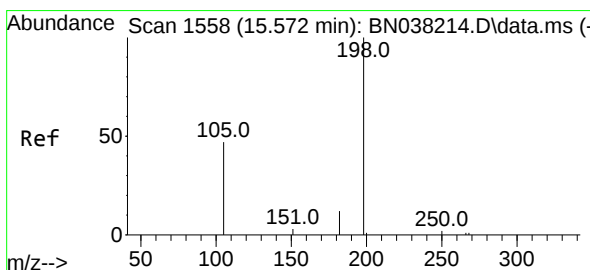
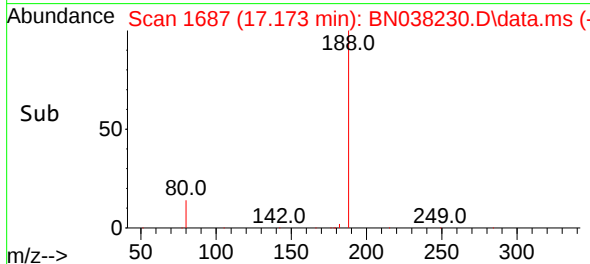
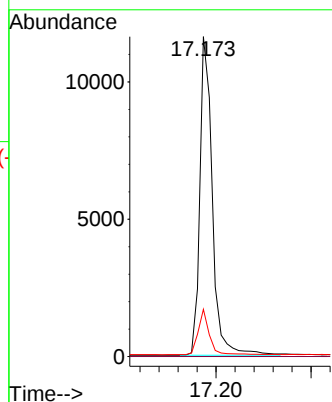
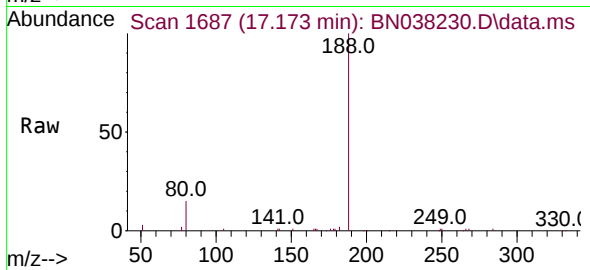
Tgt Ion:188 Resp: 21033

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.8 7.7 11.5#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.563 ng

RT: 15.560 min Scan# 1557

Delta R.T. -0.012 min

Lab File: BN038230.D

Acq: 01 Dec 2025 17:51

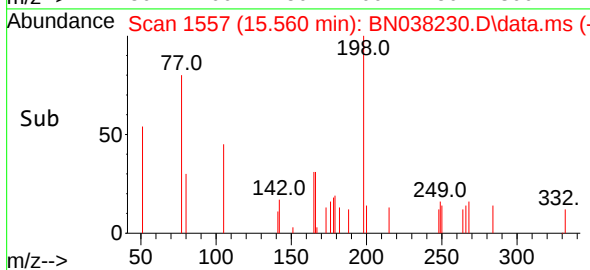
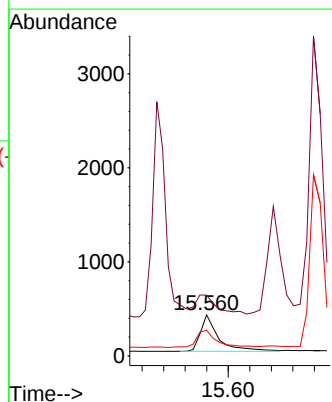
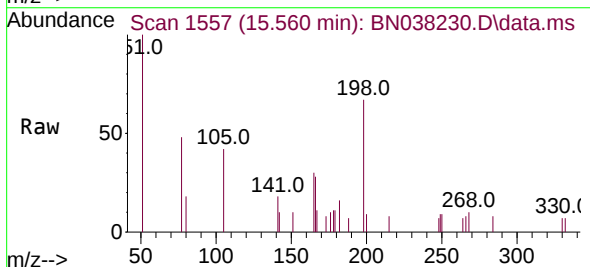
Tgt Ion:198 Resp: 909

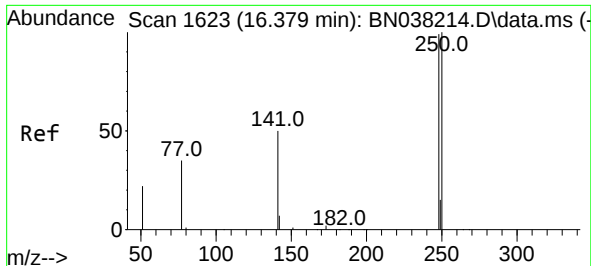
Ion Ratio Lower Upper

198 100

51 148.2 205.1 307.7#

105 62.4 61.6 92.4

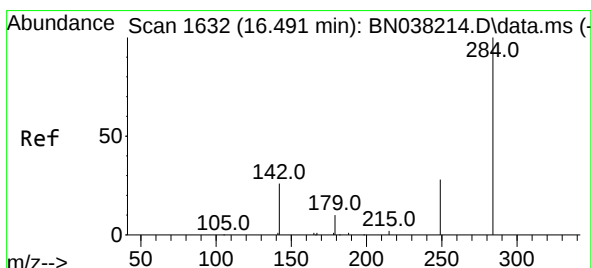
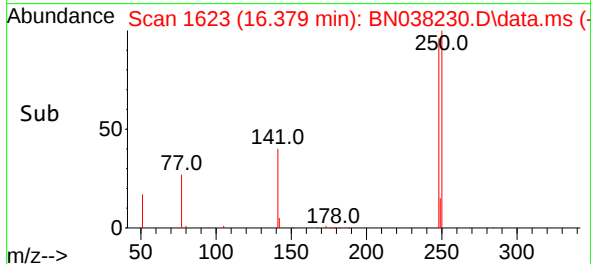
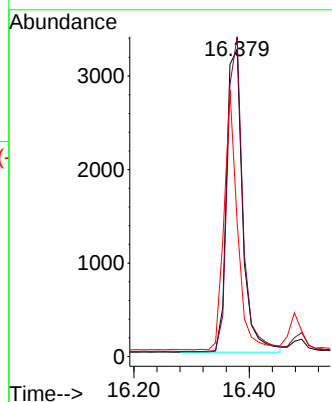
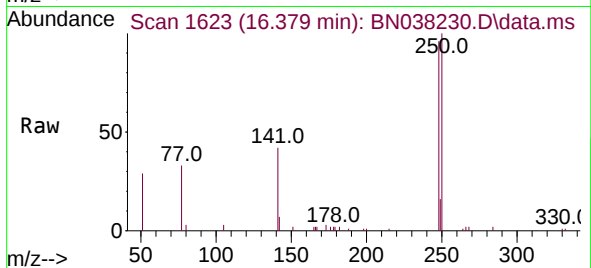




#21  
4-Bromophenyl-phenylether  
Concen: 0.430 ng  
RT: 16.379 min Scan# 1623  
Delta R.T. 0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

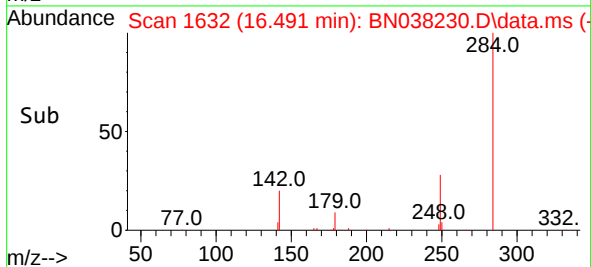
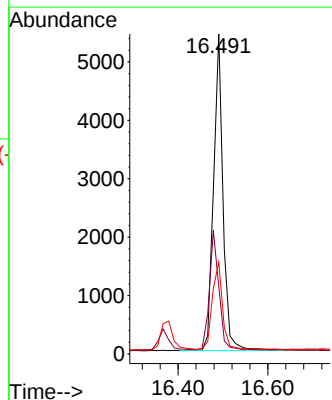
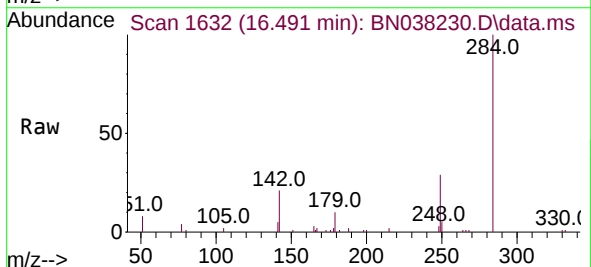
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

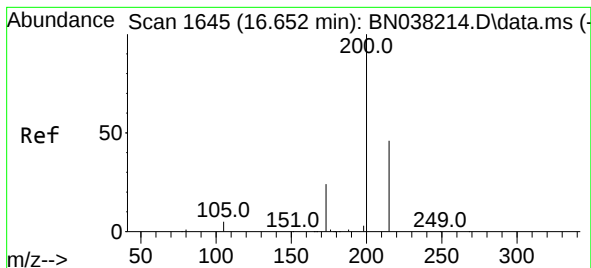
Tgt Ion:248 Resp: 6262  
Ion Ratio Lower Upper  
248 100  
250 104.1 80.8 121.2  
141 43.6 41.0 61.6



#22  
Hexachlorobenzene  
Concen: 0.446 ng  
RT: 16.491 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

Tgt Ion:284 Resp: 7993  
Ion Ratio Lower Upper  
284 100  
142 38.0 30.5 45.7  
249 29.9 23.8 35.8





#23

Atrazine

Concen: 0.405 ng

RT: 16.640 min Scan# 1644

Delta R.T. -0.012 min

Lab File: BN038230.D

Acq: 01 Dec 2025 17:51

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

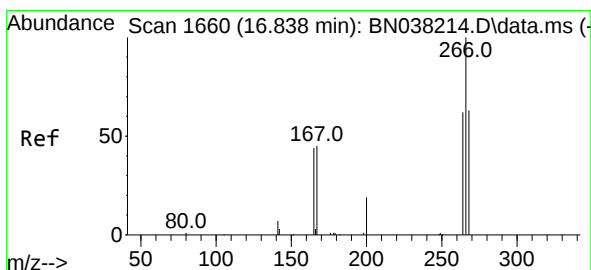
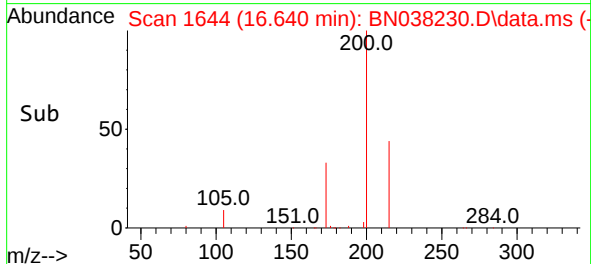
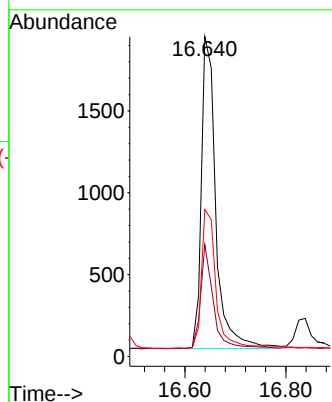
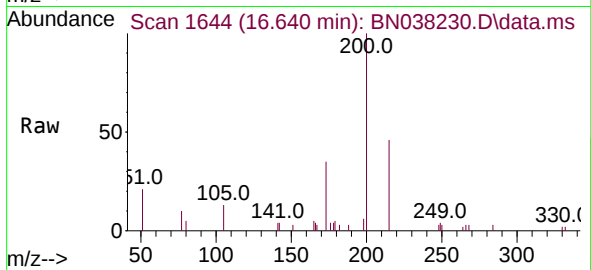
Tgt Ion:200 Resp: 3766

Ion Ratio Lower Upper

200 100

173 35.0 21.0 31.6#

215 45.9 37.8 56.8



#24

Pentachlorophenol

Concen: 0.448 ng

RT: 16.838 min Scan# 1660

Delta R.T. 0.000 min

Lab File: BN038230.D

Acq: 01 Dec 2025 17:51

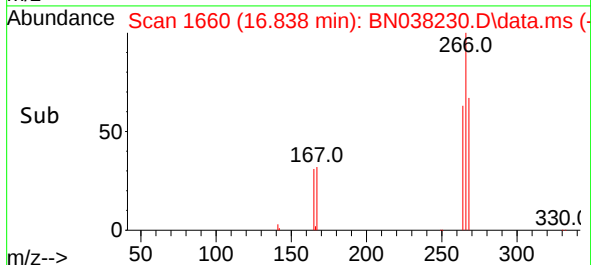
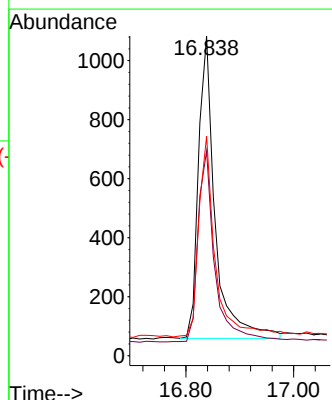
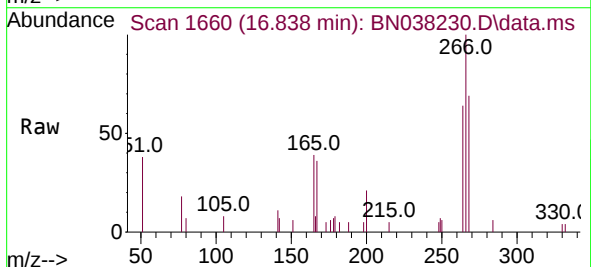
Tgt Ion:266 Resp: 2201

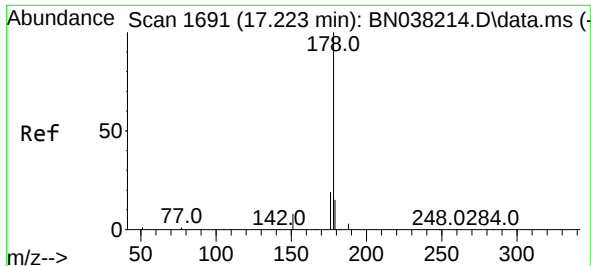
Ion Ratio Lower Upper

266 100

264 64.0 48.9 73.3

268 65.1 50.2 75.2

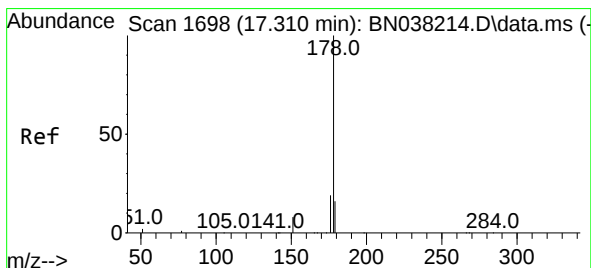
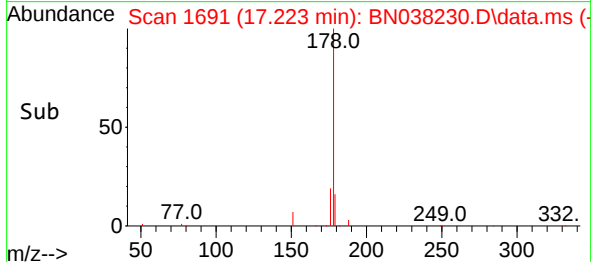
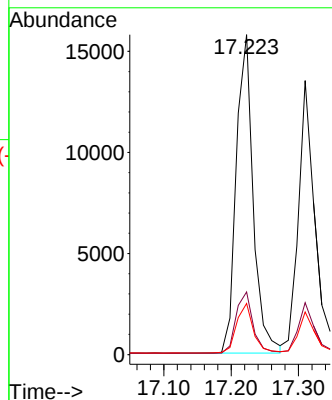
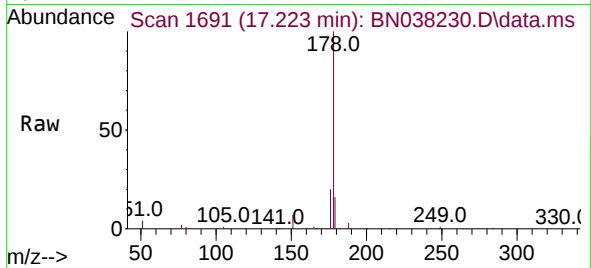




#25  
Phenanthrene  
Concen: 0.416 ng  
RT: 17.223 min Scan# 1691  
Delta R.T. 0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

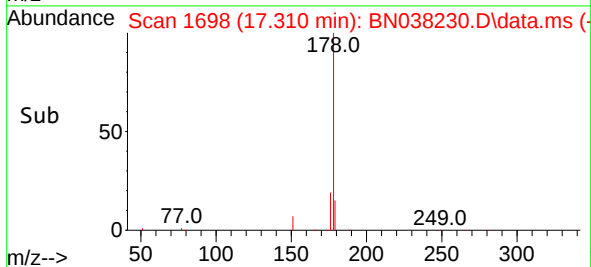
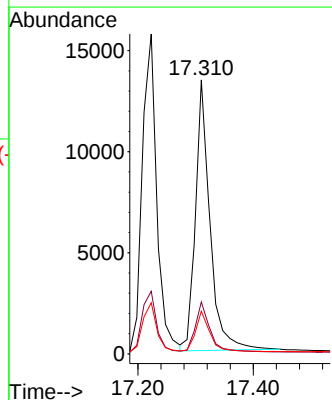
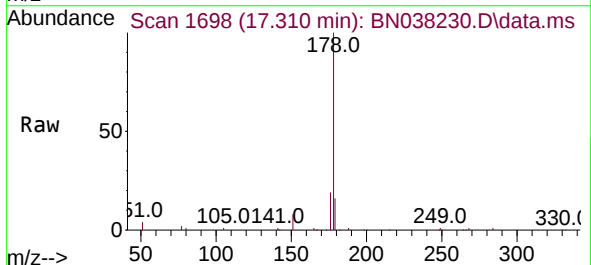
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

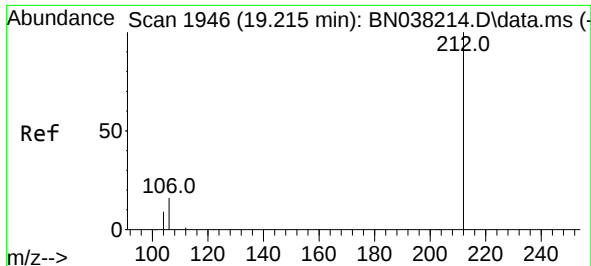
Tgt Ion:178 Resp: 27475  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.3 22.9  
179 15.5 12.0 18.0



#26  
Anthracene  
Concen: 0.414 ng  
RT: 17.310 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

Tgt Ion:178 Resp: 23318  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.7 22.1  
179 15.2 12.3 18.5

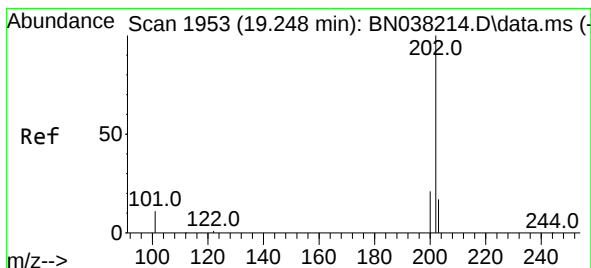
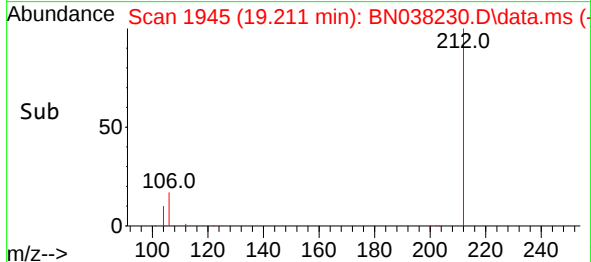
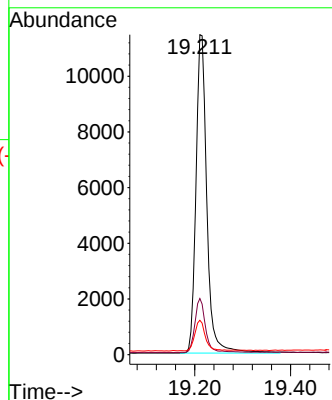
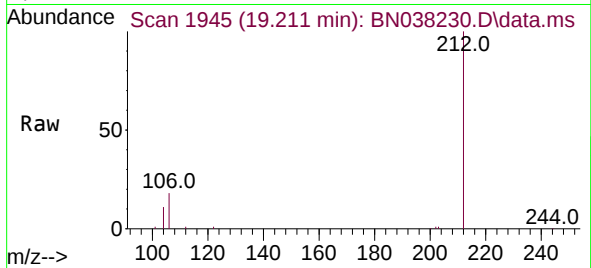




#27  
Fluoranthene-d10  
Concen: 0.392 ng  
RT: 19.211 min Scan# 1945  
Delta R.T. -0.005 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

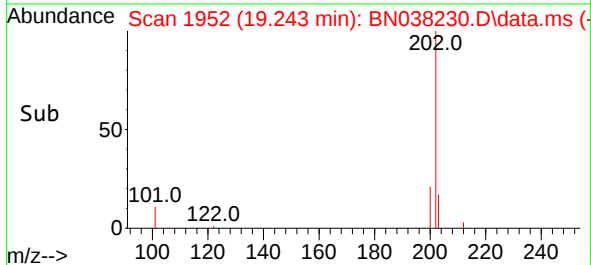
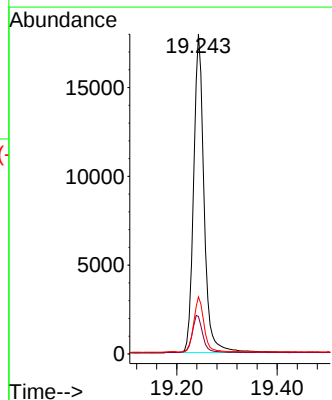
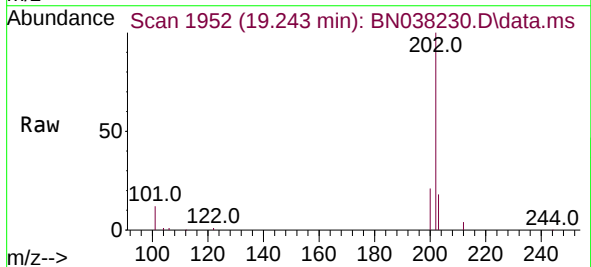
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

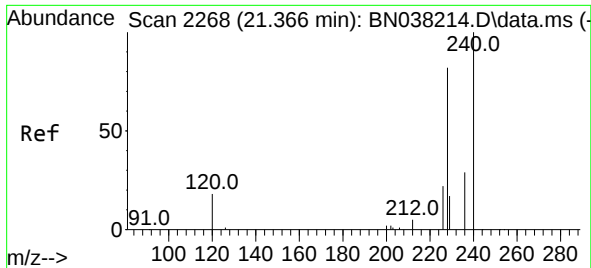
Tgt Ion:212 Resp: 17901  
Ion Ratio Lower Upper  
212 100  
106 16.5 12.7 19.1  
104 9.4 7.3 10.9



#28  
Fluoranthene  
Concen: 0.406 ng  
RT: 19.243 min Scan# 1952  
Delta R.T. -0.005 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

Tgt Ion:202 Resp: 25815  
Ion Ratio Lower Upper  
202 100  
101 11.8 9.8 14.6  
203 16.9 13.6 20.4

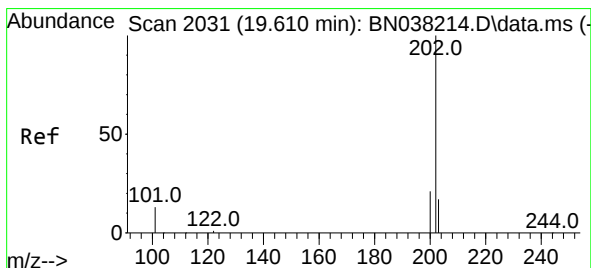
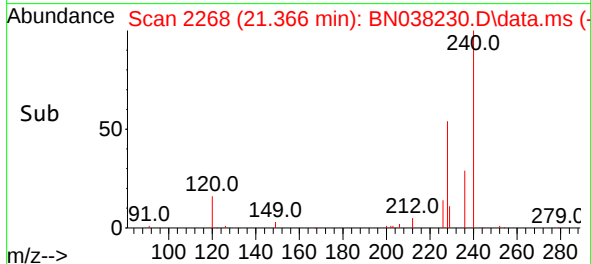
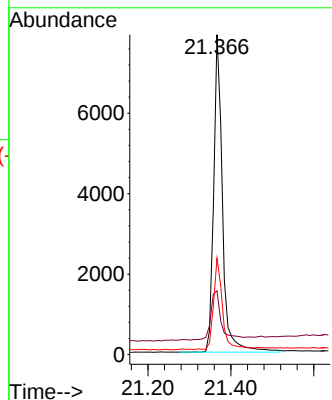
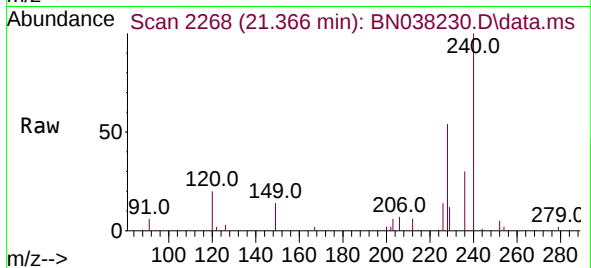




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.366 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

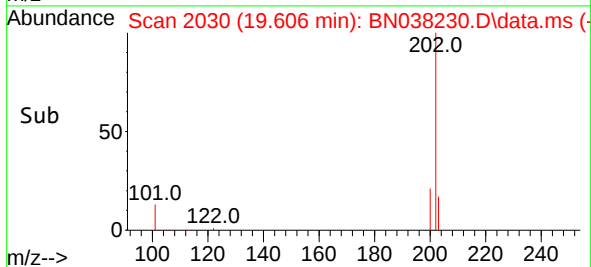
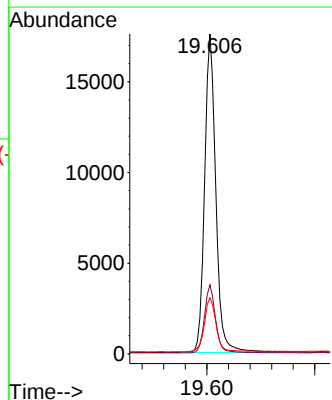
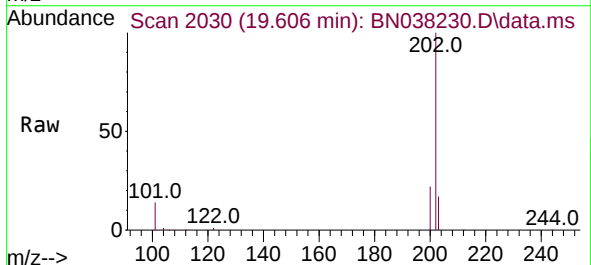
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

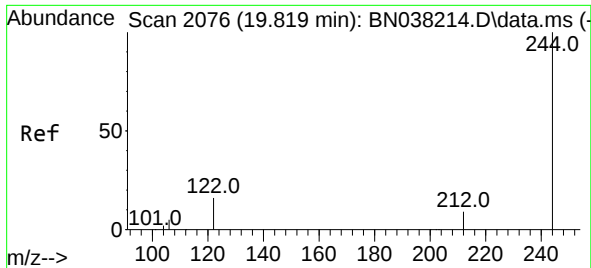
Tgt Ion:240 Resp: 11703  
Ion Ratio Lower Upper  
240 100  
120 19.9 18.1 27.1  
236 30.1 24.2 36.4



#30  
Pyrene  
Concen: 0.433 ng  
RT: 19.606 min Scan# 2030  
Delta R.T. -0.005 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

Tgt Ion:202 Resp: 25312  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.8 25.2  
203 17.7 14.4 21.6

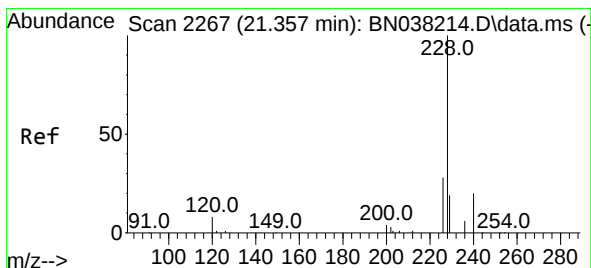
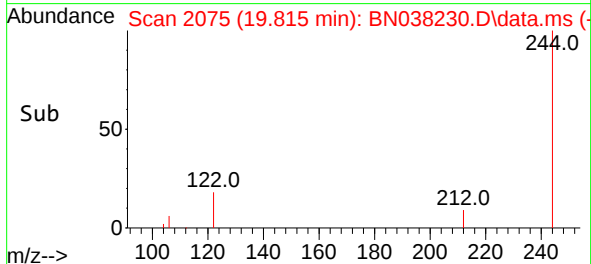
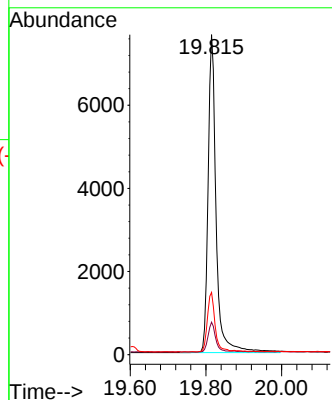
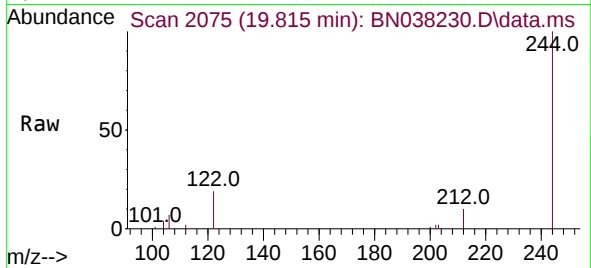




#31  
 Terphenyl-d14  
 Concen: 0.416 ng  
 RT: 19.815 min Scan# 2076  
 Delta R.T. -0.005 min  
 Lab File: BN038230.D  
 Acq: 01 Dec 2025 17:51

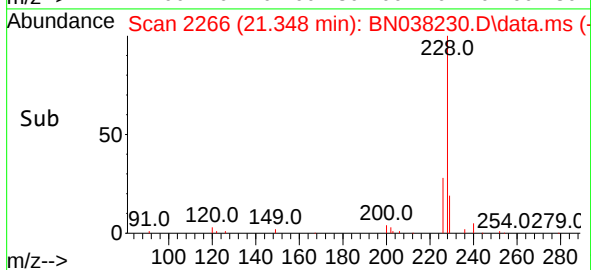
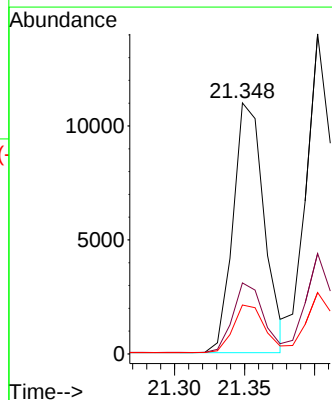
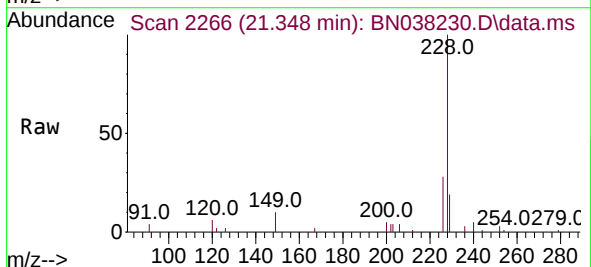
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

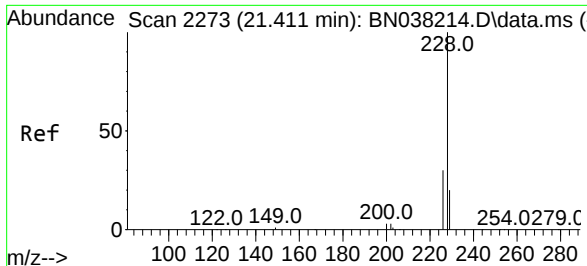
Tgt Ion:244 Resp: 11251  
 Ion Ratio Lower Upper  
 244 100  
 212 10.1 7.7 11.5  
 122 19.4 13.6 20.4



#32  
 Benzo(a)anthracene  
 Concen: 0.428 ng  
 RT: 21.348 min Scan# 2266  
 Delta R.T. -0.009 min  
 Lab File: BN038230.D  
 Acq: 01 Dec 2025 17:51

Tgt Ion:228 Resp: 16944  
 Ion Ratio Lower Upper  
 228 100  
 226 28.3 22.6 33.8  
 229 19.5 15.8 23.8





#33

Chrysene

Concen: 0.440 ng

RT: 21.402 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN038230.D

Acq: 01 Dec 2025 17:51

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

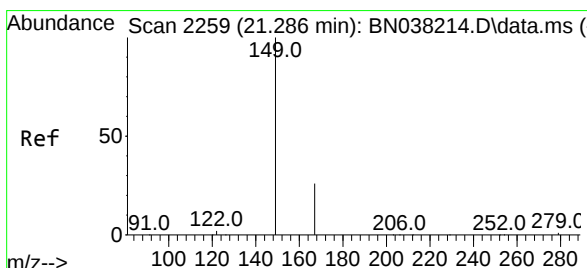
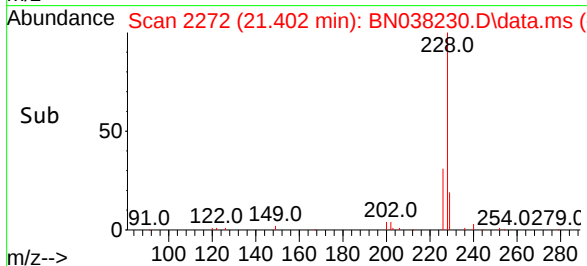
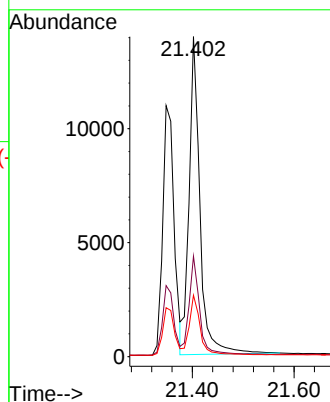
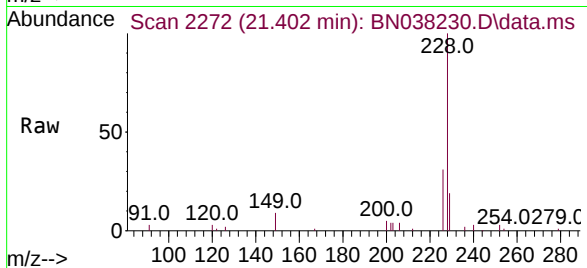
Tgt Ion:228 Resp: 20596

Ion Ratio Lower Upper

228 100

226 31.4 23.8 35.8

229 19.2 16.1 24.1



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.431 ng

RT: 21.286 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BN038230.D

Acq: 01 Dec 2025 17:51

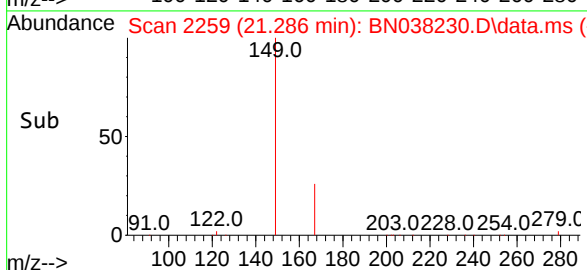
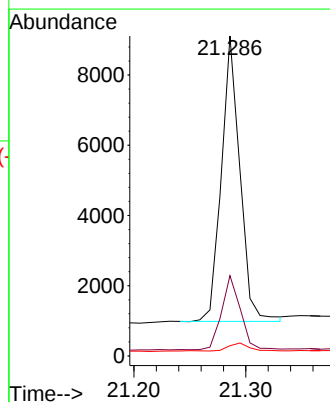
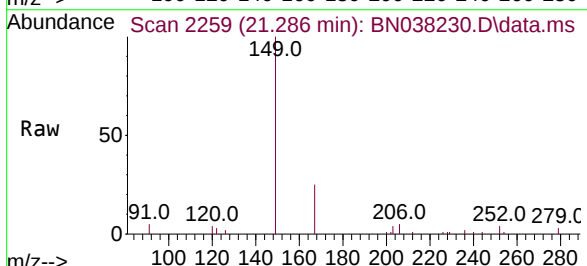
Tgt Ion:149 Resp: 9347

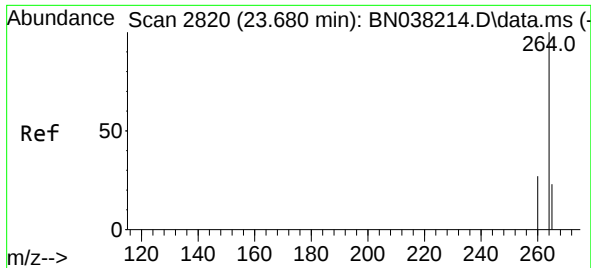
Ion Ratio Lower Upper

149 100

167 26.6 20.7 31.1

279 3.0 2.5 3.7



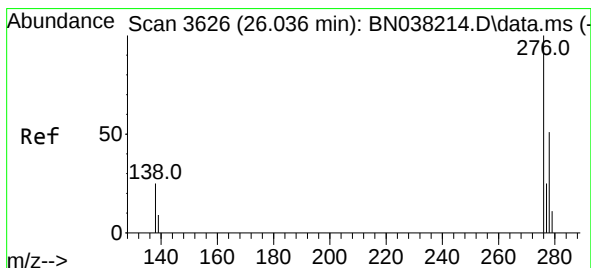
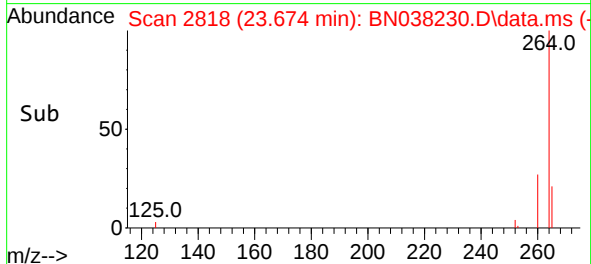
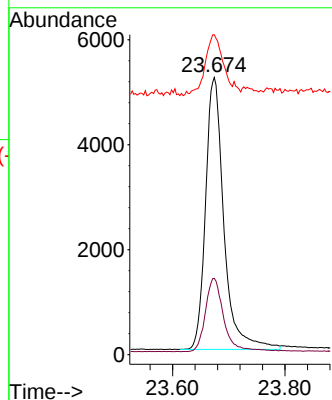
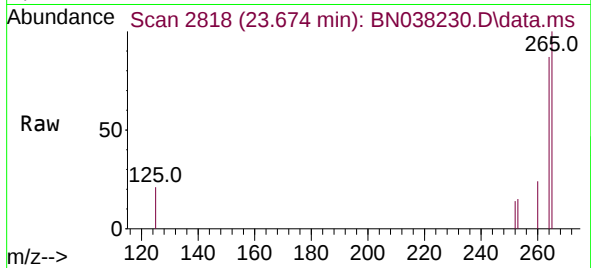


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.674 min Scan# 2818  
Delta R.T. -0.006 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:264 Resp: 11756  

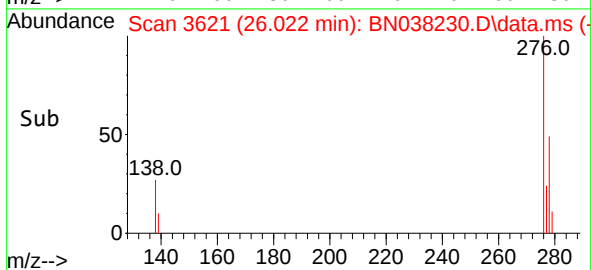
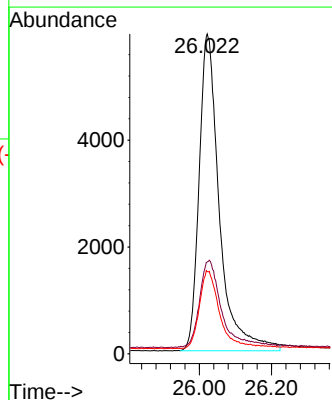
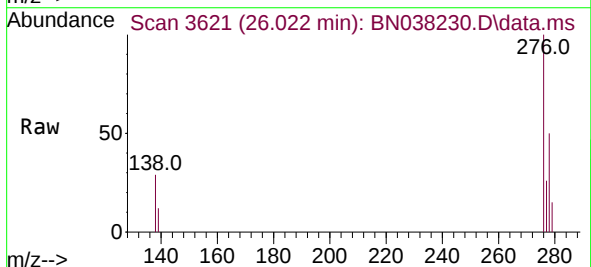
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.5  | 21.7  | 32.5  |
| 265 | 115.4 | 98.0  | 147.0 |

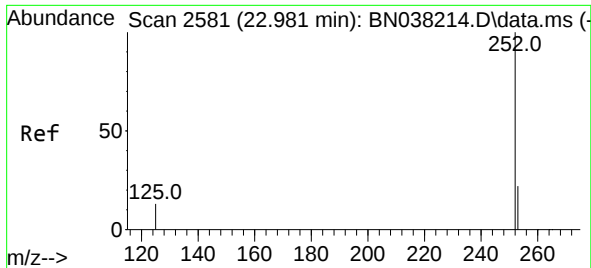


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.425 ng  
RT: 26.022 min Scan# 3621  
Delta R.T. -0.015 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

Tgt Ion:276 Resp: 23141  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 29.5  | 21.4  | 32.2  |
| 277 | 24.1  | 19.1  | 28.7  |

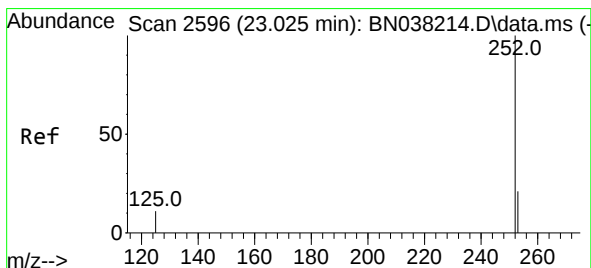
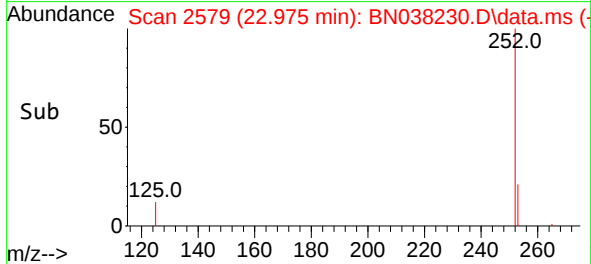
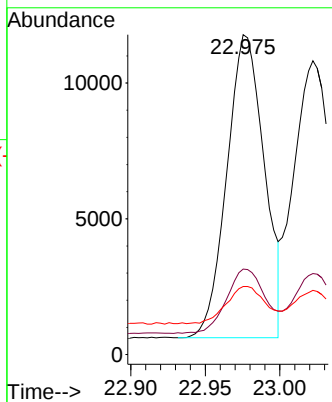
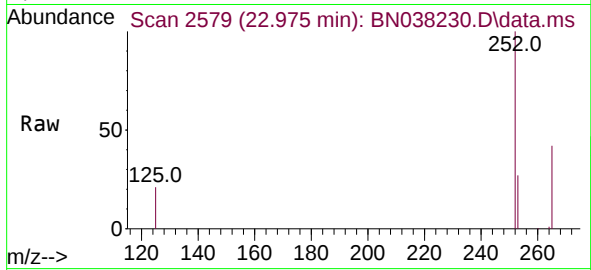




#37  
Benzo(b)fluoranthene  
Concen: 0.404 ng  
RT: 22.975 min Scan# 2579  
Delta R.T. -0.006 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

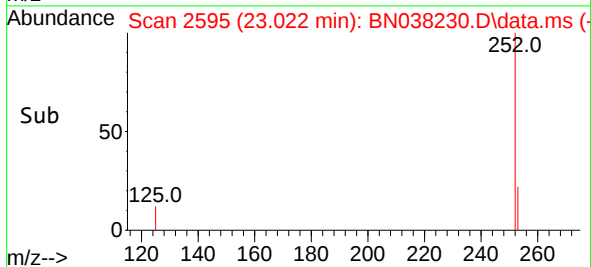
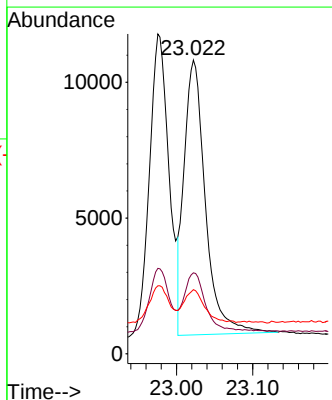
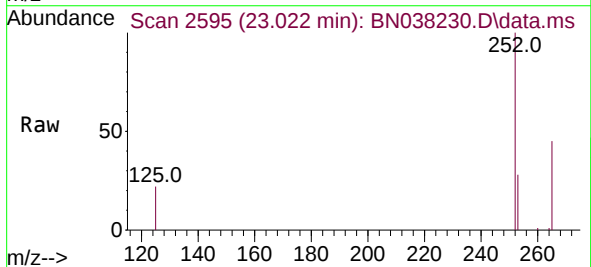
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

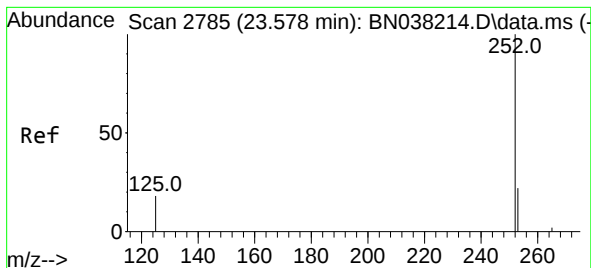
Tgt Ion:252 Resp: 19476  
Ion Ratio Lower Upper  
252 100  
253 26.7 22.2 33.4  
125 21.3 18.0 27.0



#38  
Benzo(k)fluoranthene  
Concen: 0.391 ng  
RT: 23.022 min Scan# 2595  
Delta R.T. -0.003 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

Tgt Ion:252 Resp: 19637  
Ion Ratio Lower Upper  
252 100  
253 27.5 22.4 33.6  
125 21.9 17.5 26.3





#39

Benzo(a)pyrene

Concen: 0.405 ng

RT: 23.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN038230.D

Acq: 01 Dec 2025 17:51

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

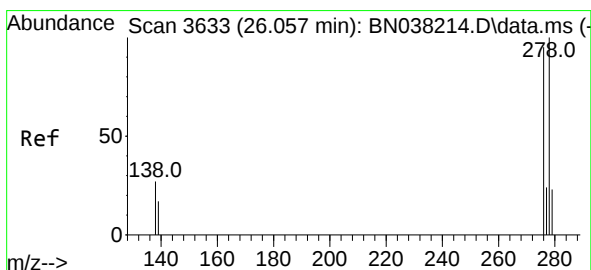
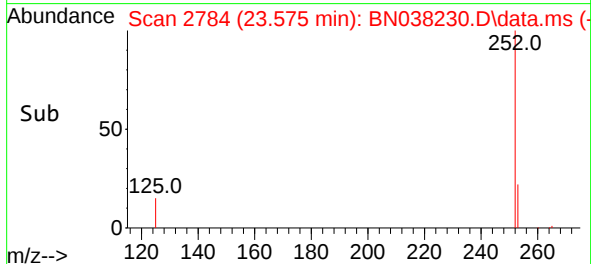
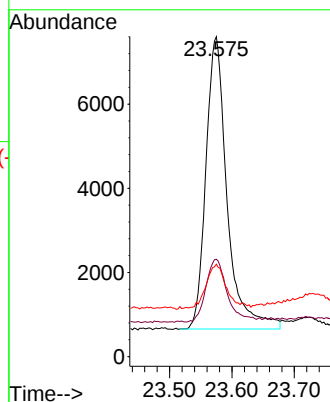
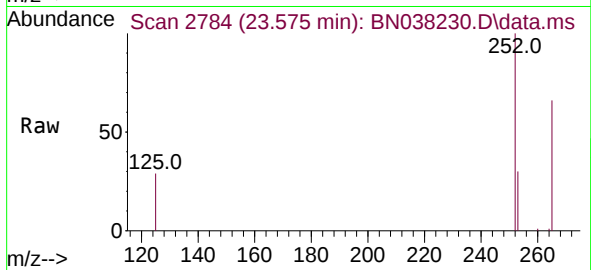
Tgt Ion:252 Resp: 16399

Ion Ratio Lower Upper

252 100

253 30.4 25.3 37.9

125 28.9 25.2 37.8



#40

Dibenzo(a,h)anthracene

Concen: 0.428 ng

RT: 26.042 min Scan# 3628

Delta R.T. -0.015 min

Lab File: BN038230.D

Acq: 01 Dec 2025 17:51

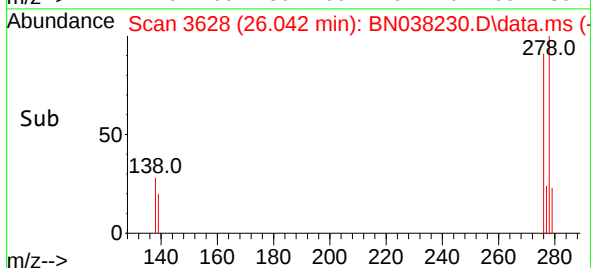
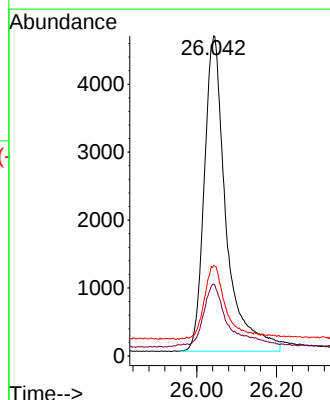
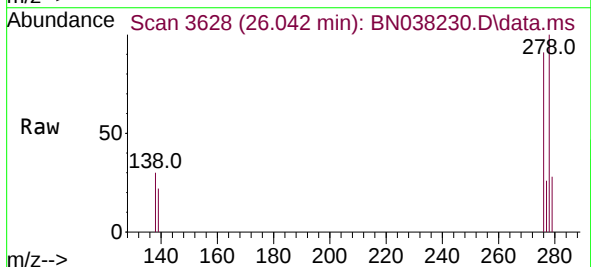
Tgt Ion:278 Resp: 17617

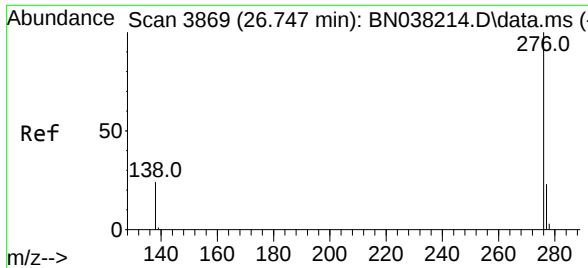
Ion Ratio Lower Upper

278 100

139 22.5 17.6 26.4

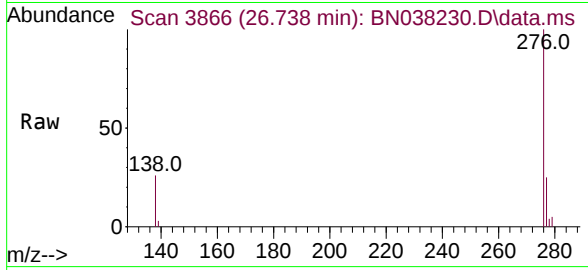
279 28.3 24.2 36.4





#41  
Benzo(g,h,i)perylene  
Concen: 0.418 ng  
RT: 26.738 min Scan# 3866  
Delta R.T. -0.009 min  
Lab File: BN038230.D  
Acq: 01 Dec 2025 17:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 20554 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.8  | 20.2  | 30.2  |
| 138      | 26.2  | 20.8  | 31.2  |

