

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092525\  
 Data File : BN037887.D  
 Acq On : 25 Sep 2025 13:57  
 Operator : RC/JU  
 Sample : PB169793BSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169793BSD

Quant Time: Sep 25 14:21:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 11:00:01 2025  
 Response via : Initial Calibration

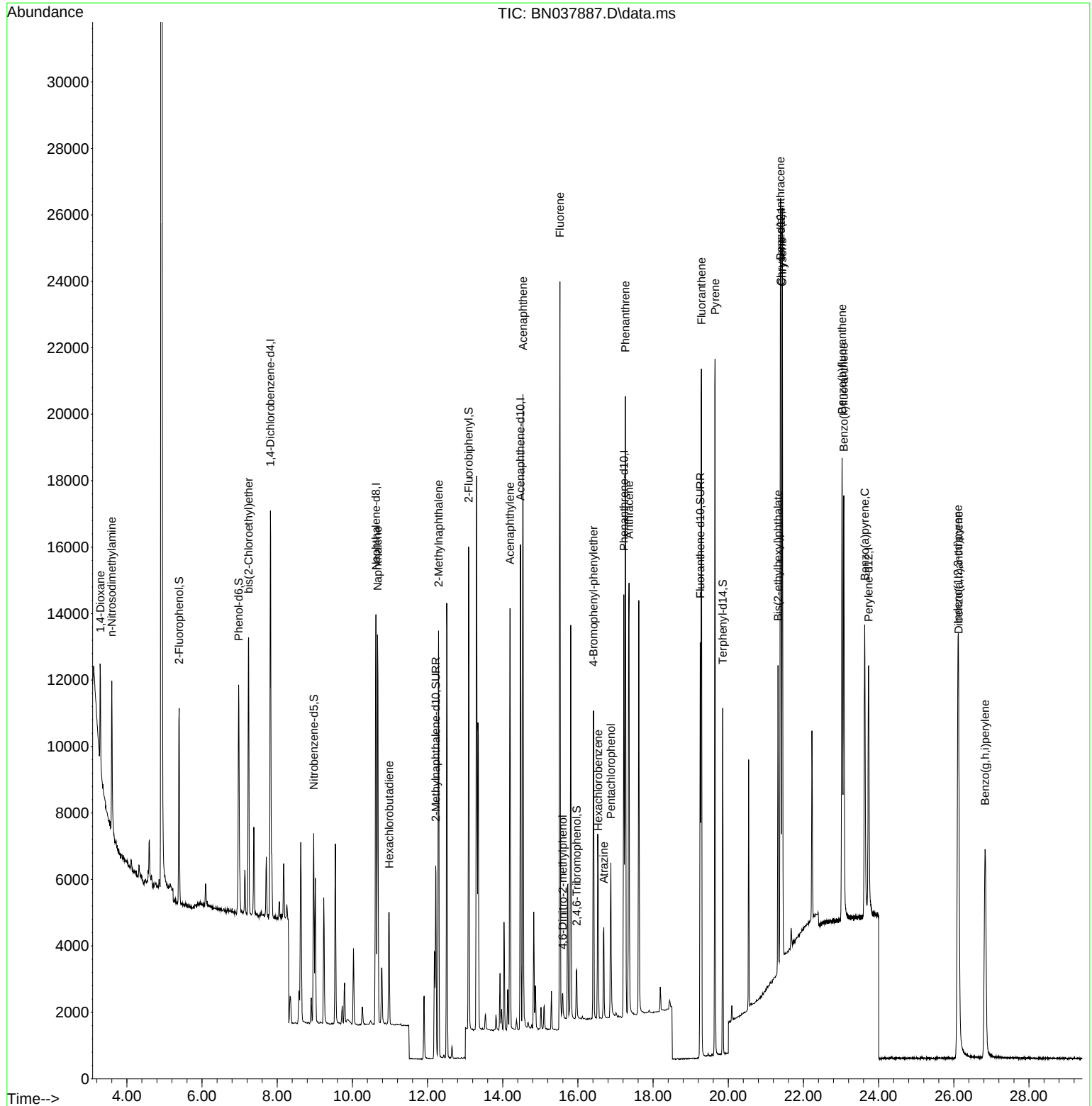
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.818  | 152  | 6010     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 16163    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.473 | 164  | 7938     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.223 | 188  | 15792    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.402 | 240  | 12693    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.733 | 264  | 10583    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 4738     | 0.345 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.973  | 99   | 6285     | 0.349 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.971  | 82   | 4442     | 0.360 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.217 | 152  | 7894     | 0.352 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.969 | 330  | 960      | 0.319 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.094 | 172  | 12051    | 0.371 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.253 | 212  | 13258    | 0.334 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.852 | 244  | 9605     | 0.380 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.297  | 88   | 1847     | 0.303 | ng    | # 77     |
| 3) n-Nitrosodimethylamine     | 3.601  | 42   | 2660     | 0.328 | ng    | # 91     |
| 6) bis(2-Chloroethyl)ether    | 7.241  | 93   | 5930     | 0.354 | ng    | 97       |
| 9) Naphthalene                | 10.669 | 128  | 15818    | 0.355 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.979 | 225  | 2902     | 0.382 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.294 | 142  | 8995     | 0.309 | ng    | 99       |
| 16) Acenaphthylene            | 14.195 | 152  | 13691    | 0.380 | ng    | 99       |
| 17) Acenaphthene              | 14.537 | 154  | 8875     | 0.346 | ng    | 99       |
| 18) Fluorene                  | 15.523 | 166  | 10829    | 0.349 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.597 | 198  | 616      | 0.371 | ng    | 90       |
| 21) 4-Bromophenyl-phenylether | 16.416 | 248  | 3501     | 0.340 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.540 | 284  | 4524     | 0.363 | ng    | 98       |
| 23) Atrazine                  | 16.689 | 200  | 2472     | 0.315 | ng    | 99       |
| 24) Pentachlorophenol         | 16.876 | 266  | 2413     | 0.564 | ng    | 95       |
| 25) Phenanthrene              | 17.260 | 178  | 18652    | 0.359 | ng    | 100      |
| 26) Anthracene                | 17.360 | 178  | 15984    | 0.355 | ng    | 100      |
| 28) Fluoranthene              | 19.285 | 202  | 18699    | 0.327 | ng    | 100      |
| 30) Pyrene                    | 19.648 | 202  | 18557    | 0.370 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.384 | 228  | 16237    | 0.366 | ng    | 100      |
| 33) Chrysene                  | 21.438 | 228  | 18156    | 0.378 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.322 | 149  | 5385     | 0.307 | ng    | # 98     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.107 | 276  | 17604    | 0.364 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.028 | 252  | 17197    | 0.377 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.072 | 252  | 17240    | 0.375 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.630 | 252  | 13929    | 0.386 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 26.127 | 278  | 13514    | 0.358 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.832 | 276  | 14699    | 0.371 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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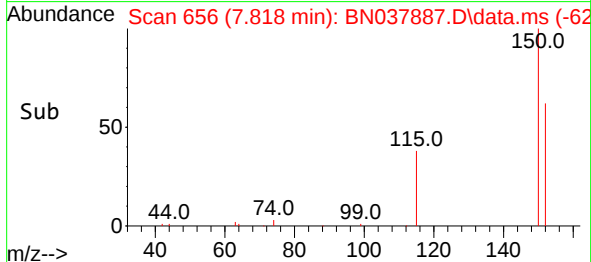
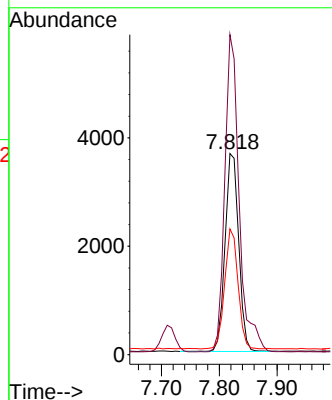
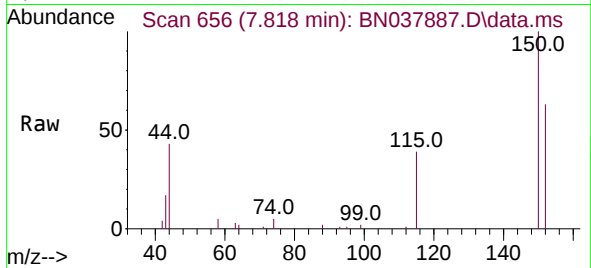




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.818 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN037887.D  
 Acq: 25 Sep 2025 13:57

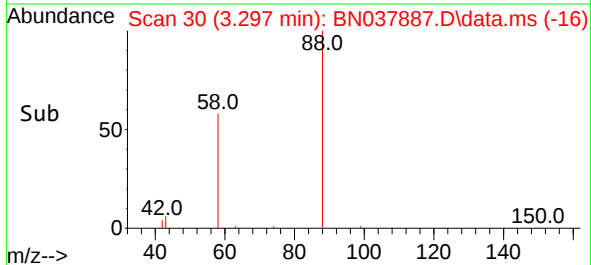
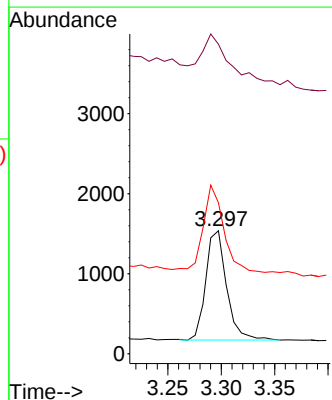
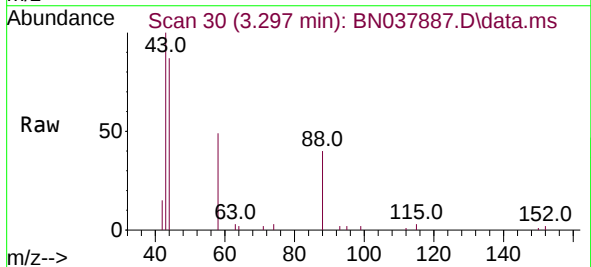
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169793BSD

Tgt Ion:152 Resp: 6010  
 Ion Ratio Lower Upper  
 152 100  
 150 159.1 121.0 181.4  
 115 62.5 47.4 71.0



#2  
 1,4-Dioxane  
 Concen: 0.303 ng  
 RT: 3.297 min Scan# 30  
 Delta R.T. 0.000 min  
 Lab File: BN037887.D  
 Acq: 25 Sep 2025 13:57

Tgt Ion: 88 Resp: 1847  
 Ion Ratio Lower Upper  
 88 100  
 43 65.5 26.6 39.8#  
 58 80.3 58.9 88.3

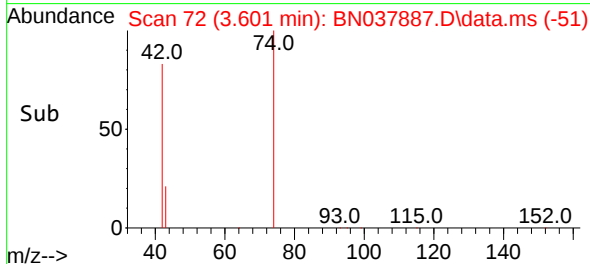
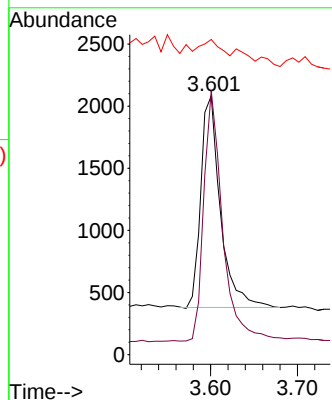
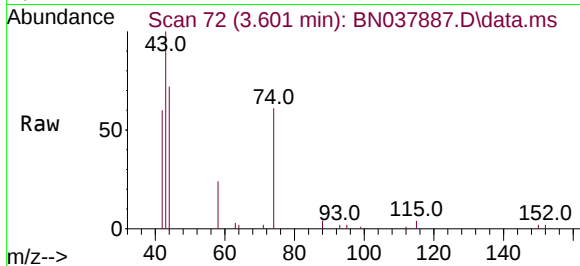




#3  
n-Nitrosodimethylamine  
Concen: 0.328 ng  
RT: 3.601 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

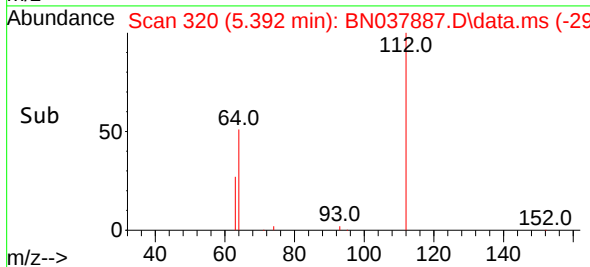
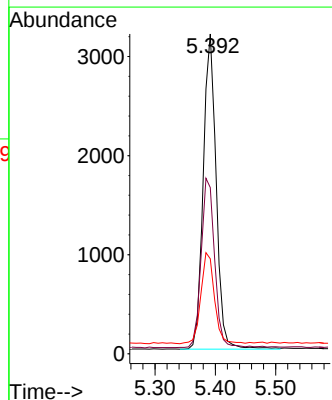
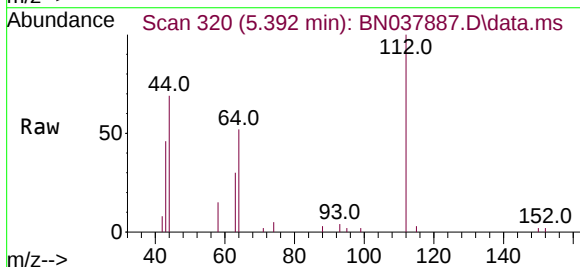
Instrument :  
BNA\_N  
ClientSampleId :  
PB169793BSD

Tgt Ion: 42 Resp: 2660  
Ion Ratio Lower Upper  
42 100  
74 114.6 93.4 140.0  
44 6.7 22.2 33.4#



#4  
2-Fluorophenol  
Concen: 0.345 ng  
RT: 5.392 min Scan# 320  
Delta R.T. 0.007 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

Tgt Ion: 112 Resp: 4738  
Ion Ratio Lower Upper  
112 100  
64 56.5 44.6 66.8  
63 30.1 24.9 37.3

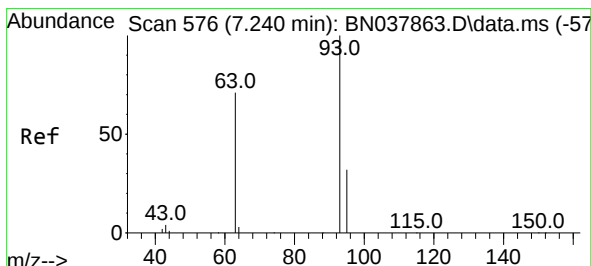
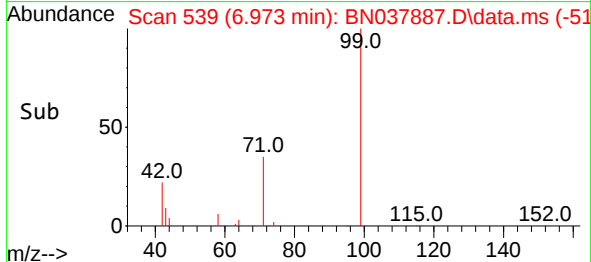
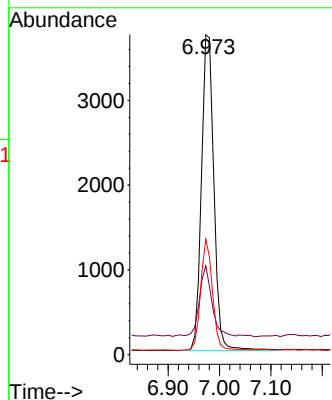
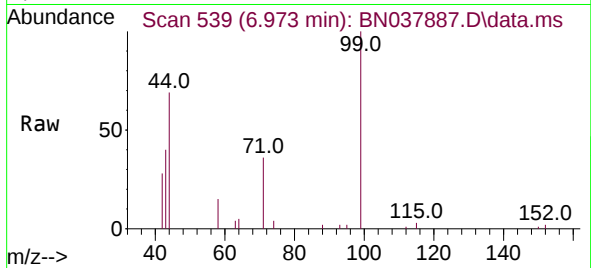




#5  
Phenol-d6  
Concen: 0.349 ng  
RT: 6.973 min Scan# 539  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

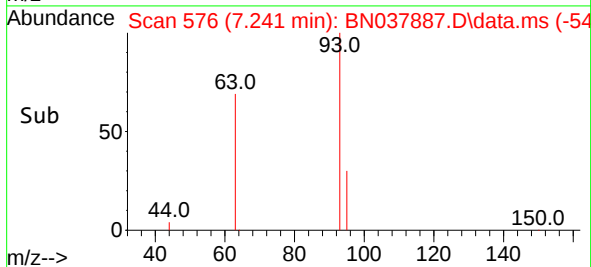
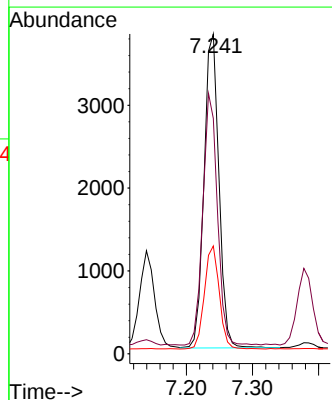
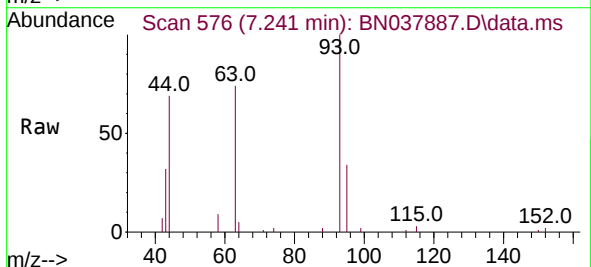
Instrument :  
BNA\_N  
ClientSampleId :  
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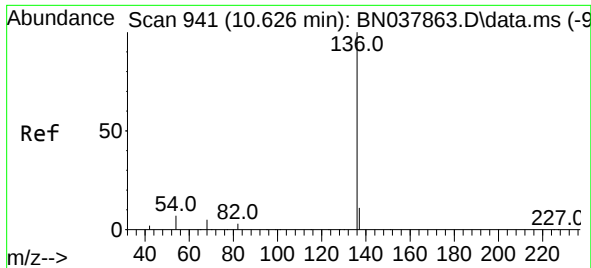
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 6285  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.4  | 17.2  | 25.8  |
| 71       | 33.3  | 27.3  | 40.9  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.354 ng  
RT: 7.241 min Scan# 576  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 5930  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 78.4  | 60.1  | 90.1  |
| 95       | 32.8  | 25.4  | 38.2  |

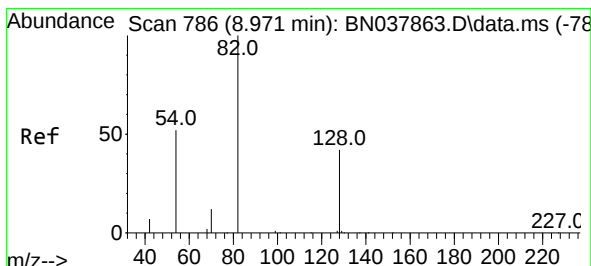
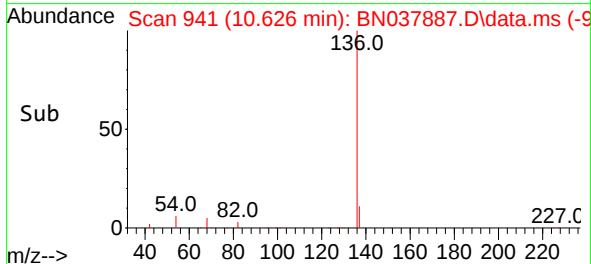
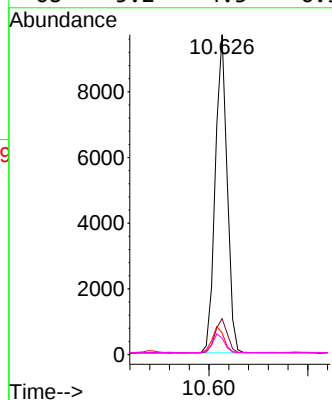
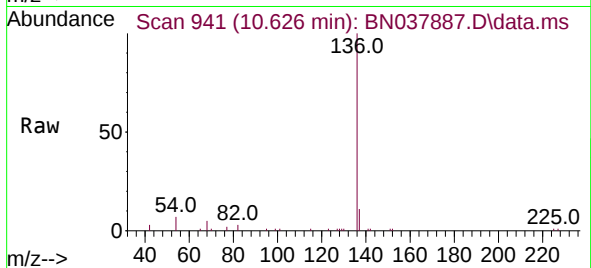




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

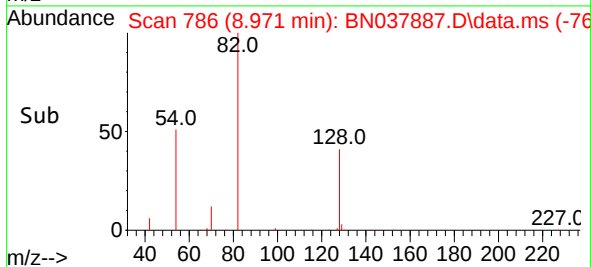
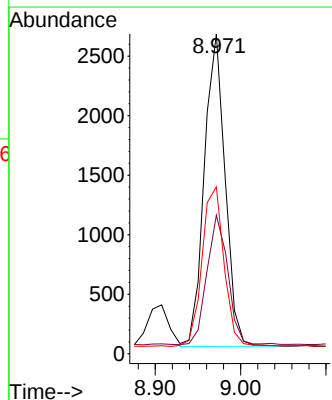
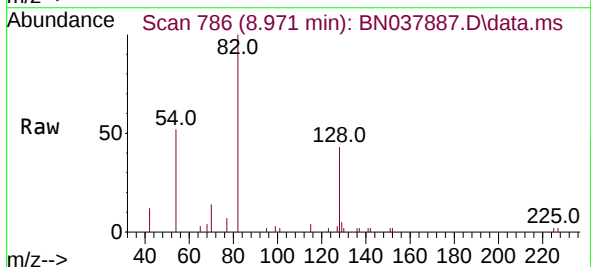
Instrument :  
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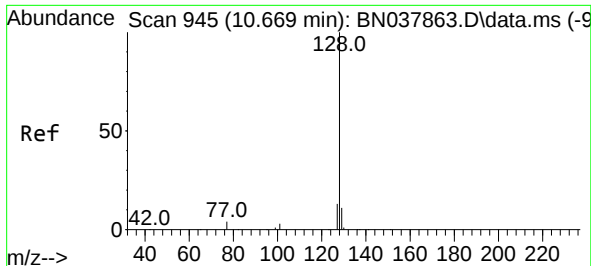
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 16163 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 9.0   | 13.4  |
| 54        | 6.8   | 5.8   | 8.8   |
| 68        | 5.2   | 4.3   | 6.5   |



#8  
Nitrobenzene-d5  
Concen: 0.360 ng  
RT: 8.971 min Scan# 786  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 4442 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 43.3  | 34.8  | 52.2 |
| 54        | 52.2  | 42.2  | 63.2 |

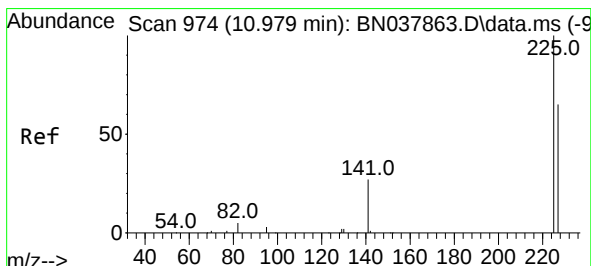
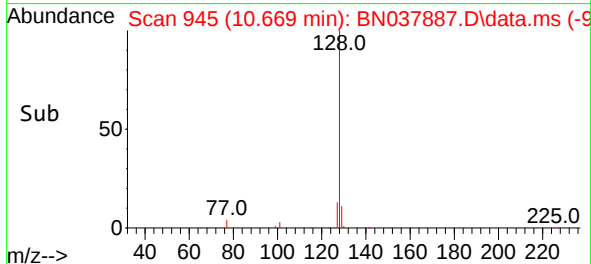
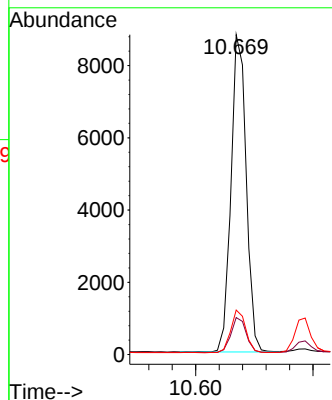
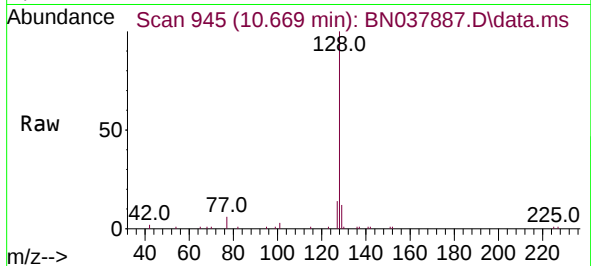




#9  
Naphthalene  
Concen: 0.355 ng  
RT: 10.669 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

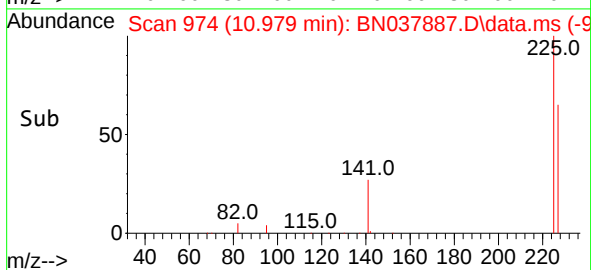
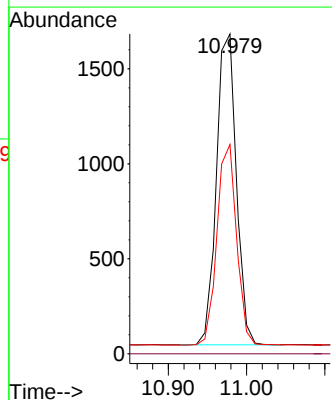
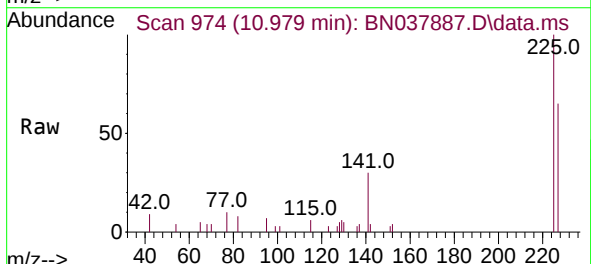
Instrument :  
BNA\_N  
ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 15818 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.6  | 9.2   | 13.8  |
| 127      | 13.9  | 11.0  | 16.6  |



#10  
Hexachlorobutadiene  
Concen: 0.382 ng  
RT: 10.979 min Scan# 974  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 2902  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.6  | 51.4  | 77.2  |

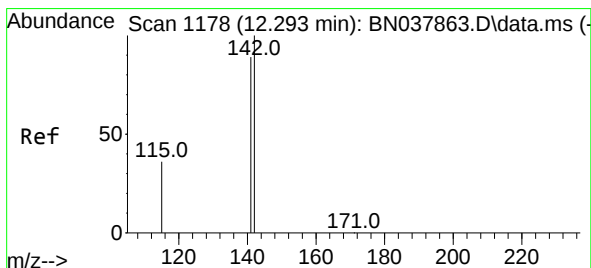
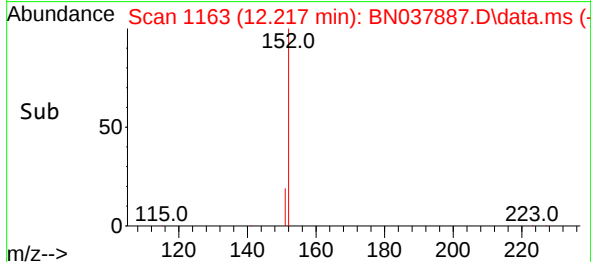
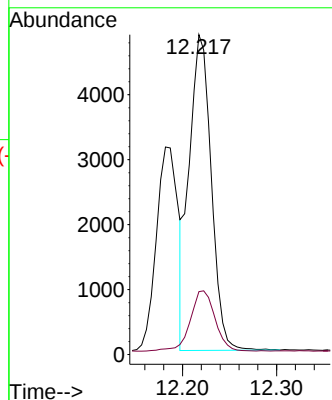
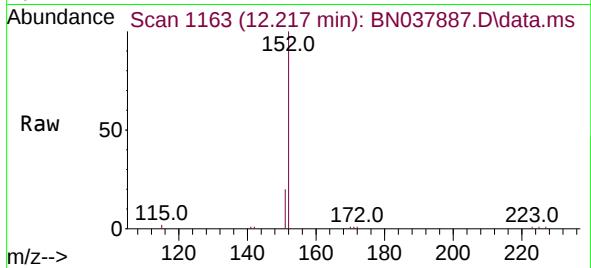




#11  
2-Methylnaphthalene-d10  
Concen: 0.352 ng  
RT: 12.217 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

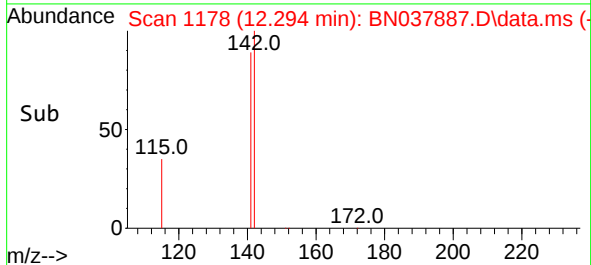
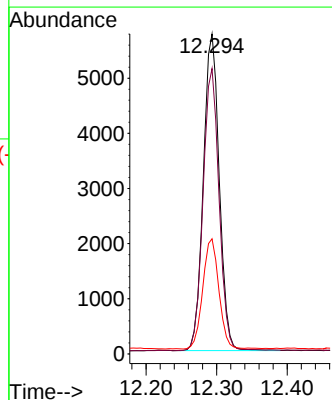
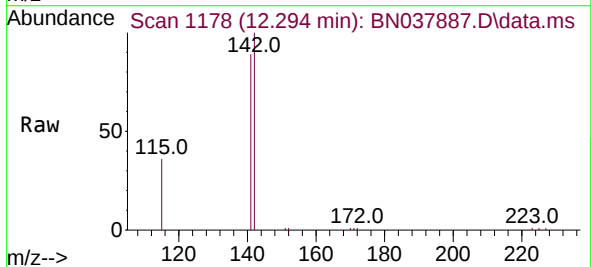
Instrument :  
BNA\_N  
ClientSampleId :  
PB169793BSD

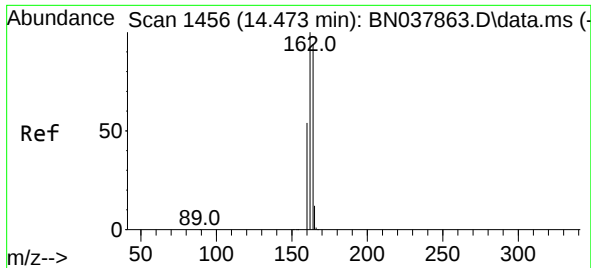
Tgt Ion:152 Resp: 7894  
Ion Ratio Lower Upper  
152 100  
151 21.5 17.4 26.2



#12  
2-Methylnaphthalene  
Concen: 0.309 ng  
RT: 12.294 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

Tgt Ion:142 Resp: 8995  
Ion Ratio Lower Upper  
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141 89.2 71.2 106.8  
115 36.0 29.7 44.5

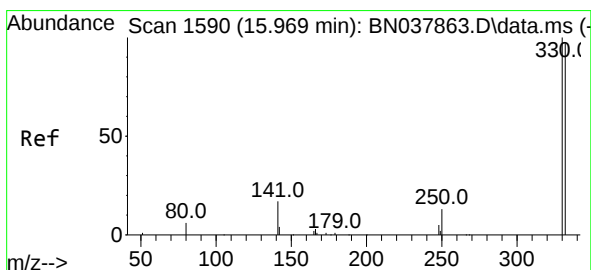
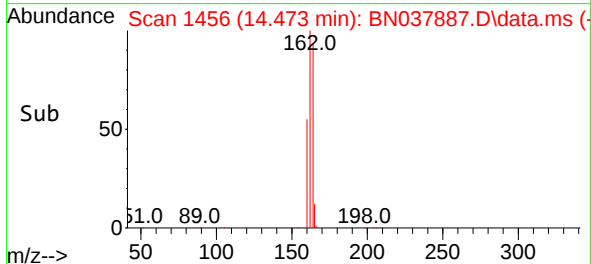
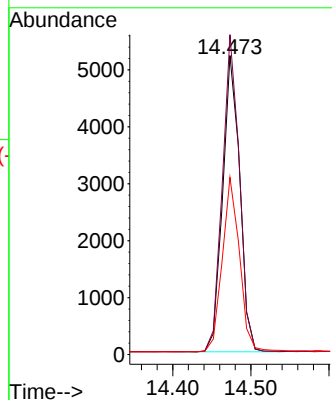
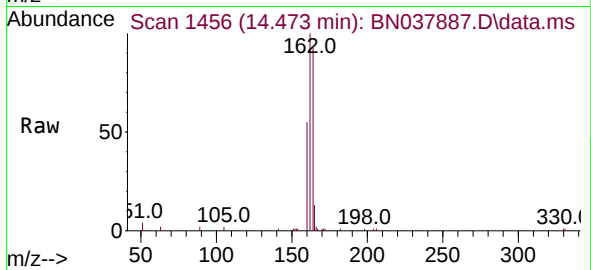




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.473 min Scan# 1456  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

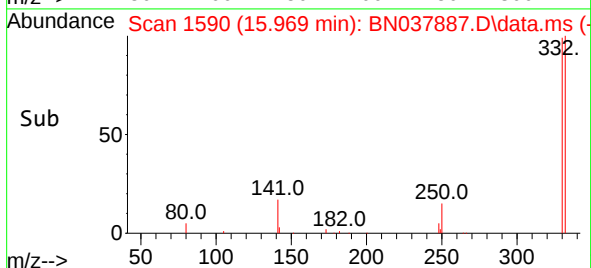
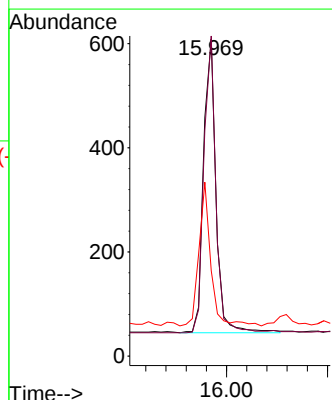
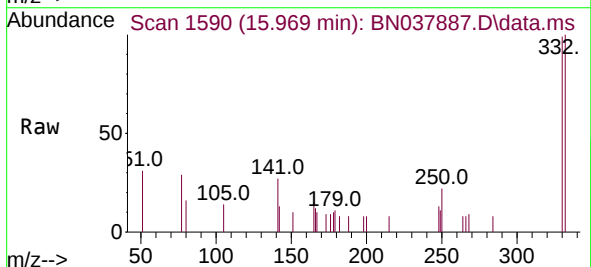
Instrument :  
BNA\_N  
ClientSampleId :  
PB169793BSD

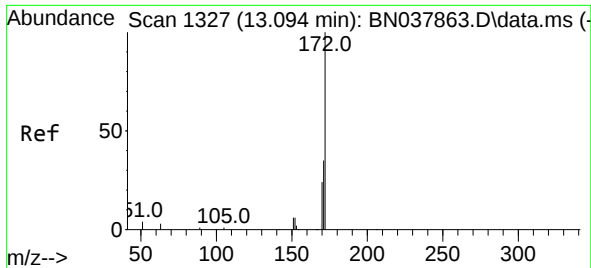
Tgt Ion:164 Resp: 7938  
Ion Ratio Lower Upper  
164 100  
162 107.0 84.8 127.2  
160 59.3 46.1 69.1



#14  
2,4,6-Tribromophenol  
Concen: 0.319 ng  
RT: 15.969 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

Tgt Ion:330 Resp: 960  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.2 115.8  
141 46.6 37.2 55.8

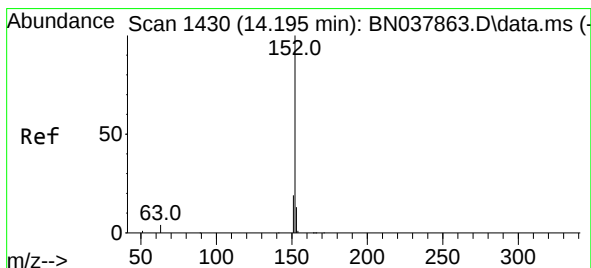
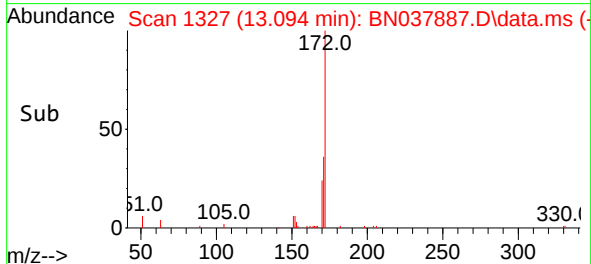
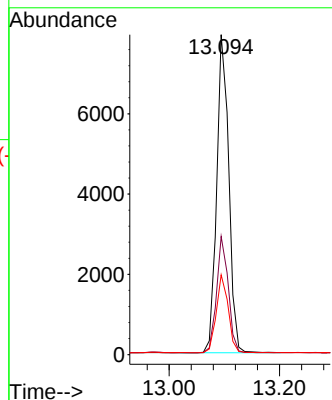
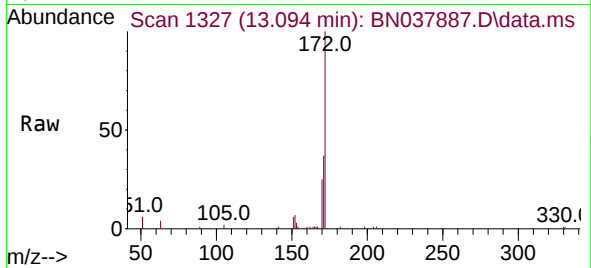




#15  
2-Fluorobiphenyl  
Concen: 0.371 ng  
RT: 13.094 min Scan# 1327  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

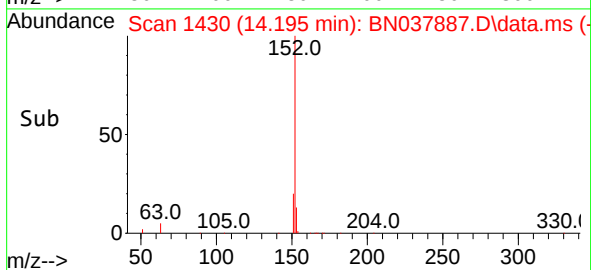
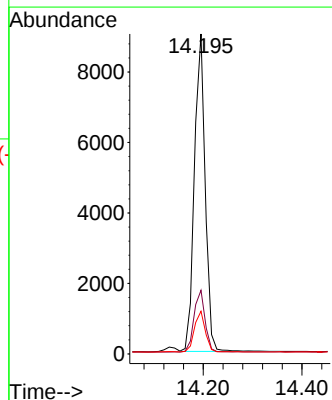
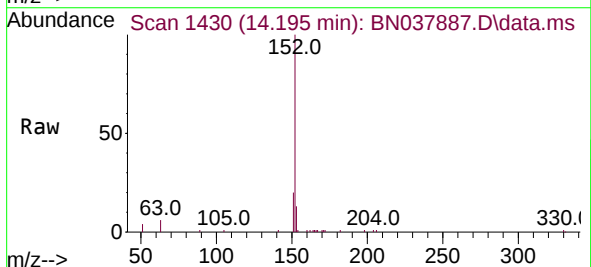
Instrument :  
BNA\_N  
ClientSampleId :  
PB169793BSD

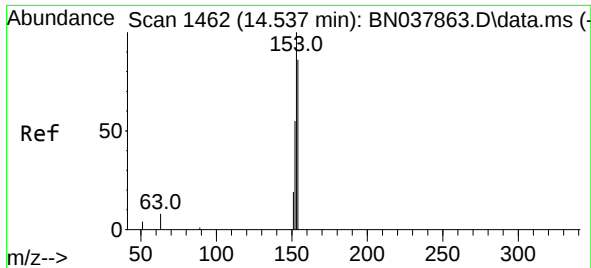
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 12051 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 36.9  | 28.6  | 43.0  |
| 170       | 24.9  | 19.7  | 29.5  |



#16  
Acenaphthylene  
Concen: 0.380 ng  
RT: 14.195 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 13691 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 20.0  | 15.8  | 23.8  |
| 153       | 12.8  | 10.5  | 15.7  |

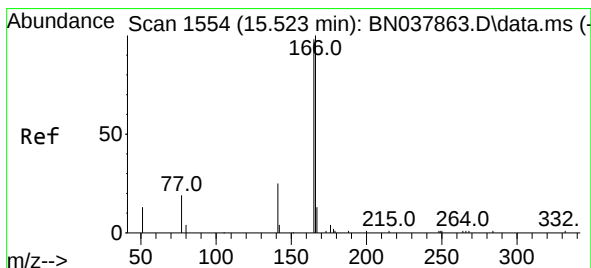
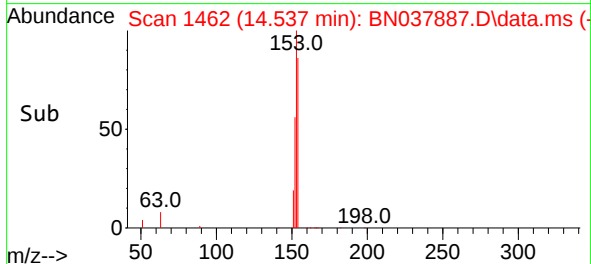
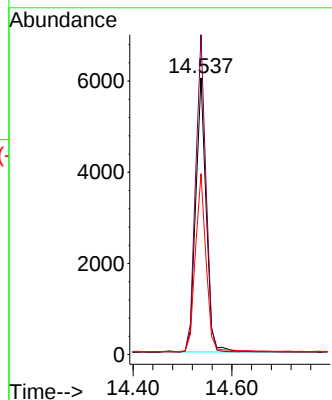
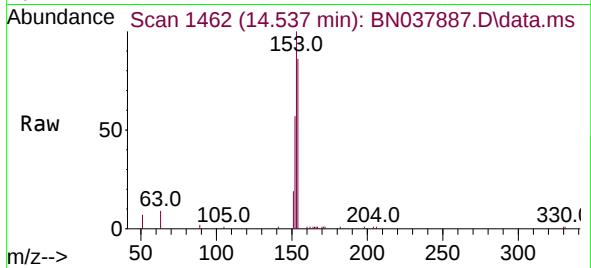




#17  
Acenaphthene  
Concen: 0.346 ng  
RT: 14.537 min Scan# 1462  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

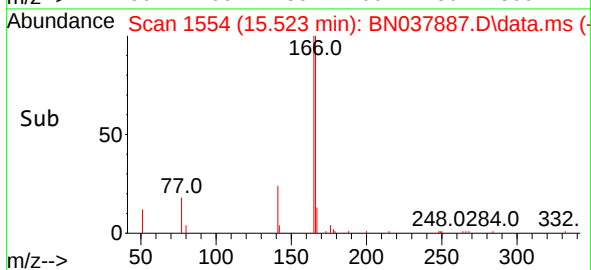
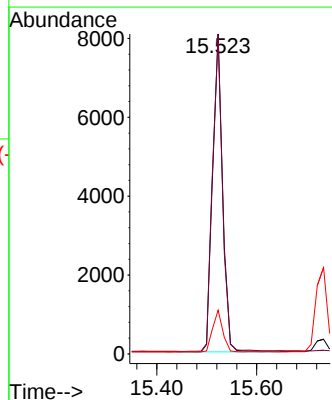
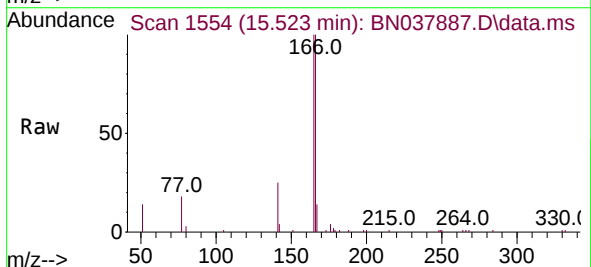
Instrument :  
BNA\_N  
ClientSampleId :  
PB169793BSD

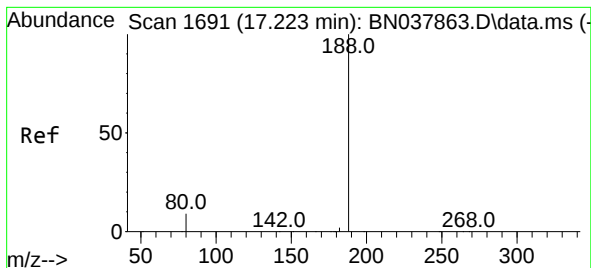
Tgt Ion:154 Resp: 8875  
Ion Ratio Lower Upper  
154 100  
153 113.9 90.5 135.7  
152 66.6 51.8 77.8



#18  
Fluorene  
Concen: 0.349 ng  
RT: 15.523 min Scan# 1554  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

Tgt Ion:166 Resp: 10829  
Ion Ratio Lower Upper  
166 100  
165 100.3 79.0 118.4  
167 12.9 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BN037887.D

Acq: 25 Sep 2025 13:57

Instrument :

BNA\_N

ClientSampleId :

PB169793BSD

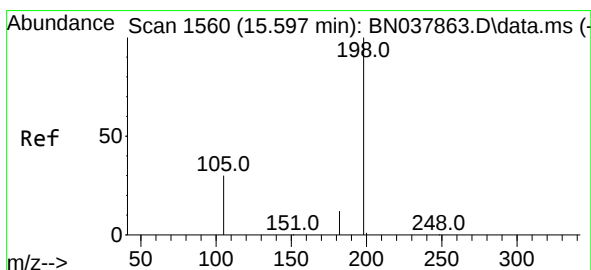
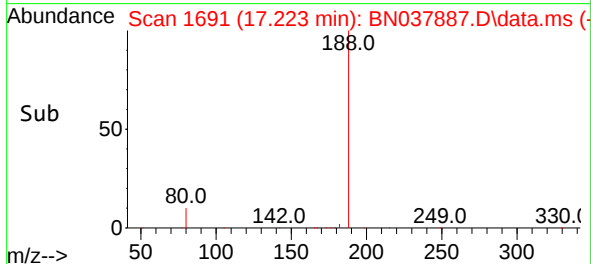
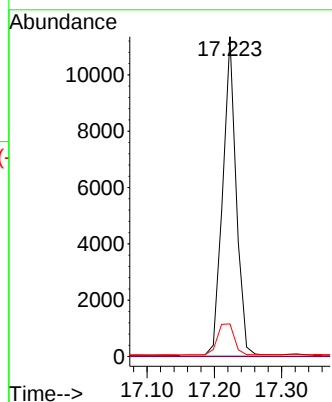
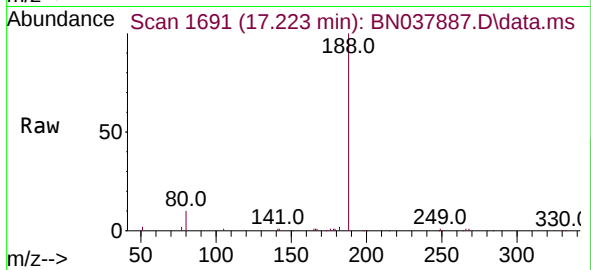
Tgt Ion:188 Resp: 15792

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.2 7.6 11.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.371 ng

RT: 15.597 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BN037887.D

Acq: 25 Sep 2025 13:57

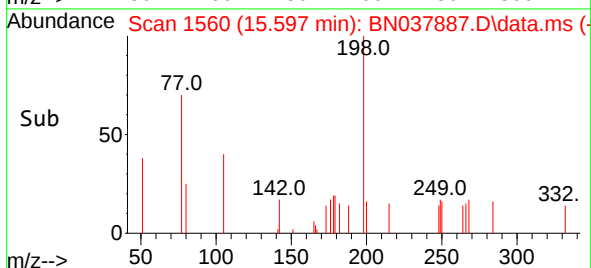
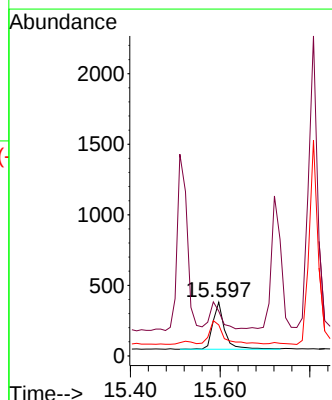
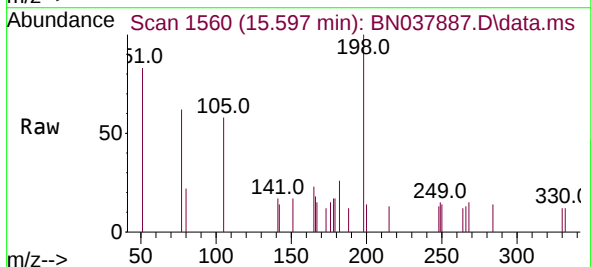
Tgt Ion:198 Resp: 616

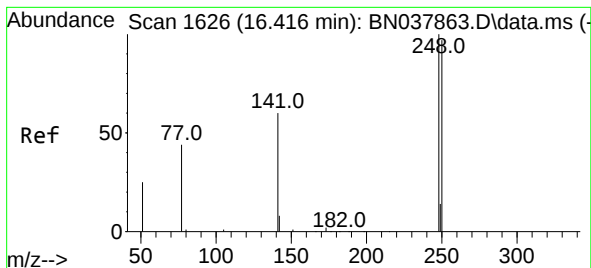
Ion Ratio Lower Upper

198 100

51 83.4 59.1 88.7

105 57.6 41.3 61.9

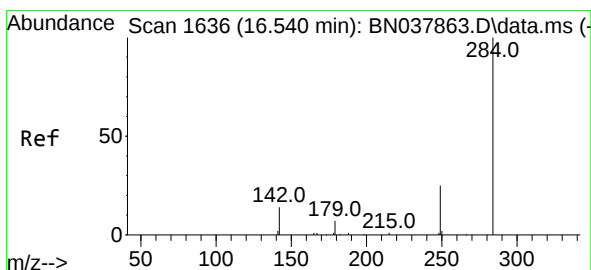
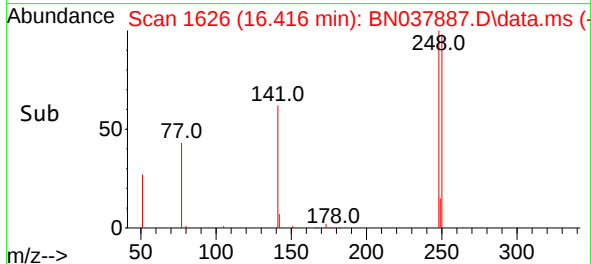
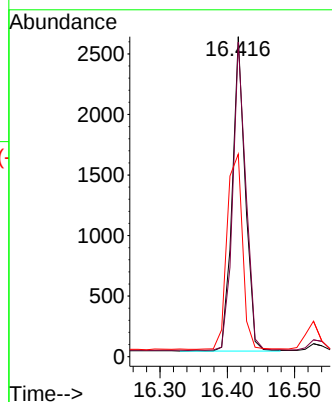
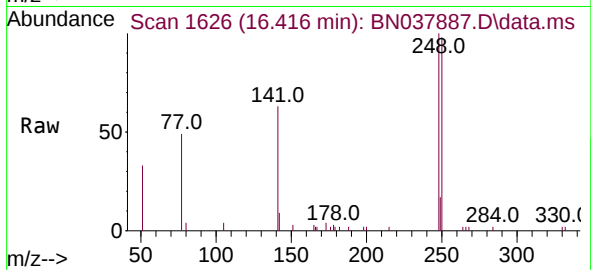




#21  
4-Bromophenyl-phenylether  
Concen: 0.340 ng  
RT: 16.416 min Scan# 1626  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

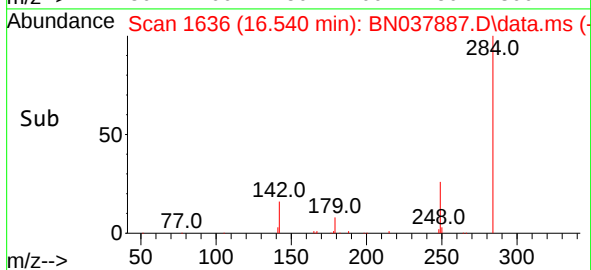
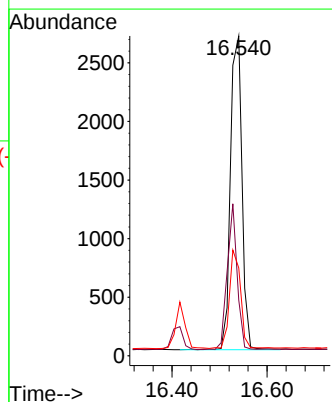
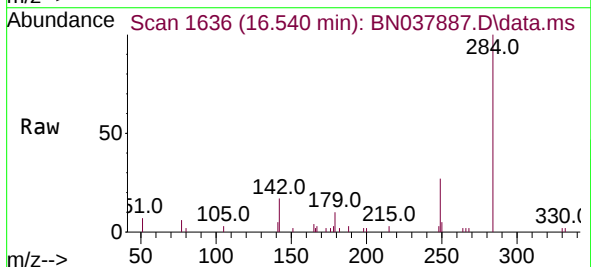
Instrument :  
BNA\_N  
ClientSampleId :  
PB169793BSD

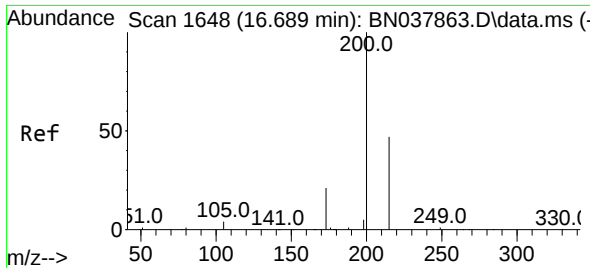
Tgt Ion:248 Resp: 3501  
Ion Ratio Lower Upper  
248 100  
250 98.2 77.6 116.4  
141 63.3 48.8 73.2



#22  
Hexachlorobenzene  
Concen: 0.363 ng  
RT: 16.540 min Scan# 1636  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

Tgt Ion:284 Resp: 4524  
Ion Ratio Lower Upper  
284 100  
142 39.9 30.9 46.3  
249 30.8 23.9 35.9

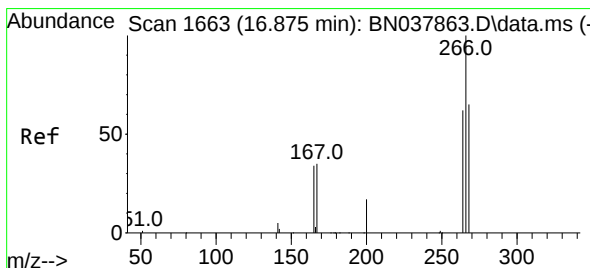
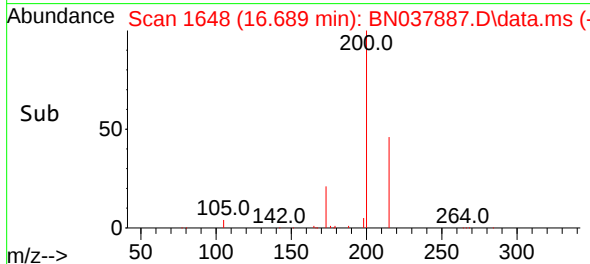
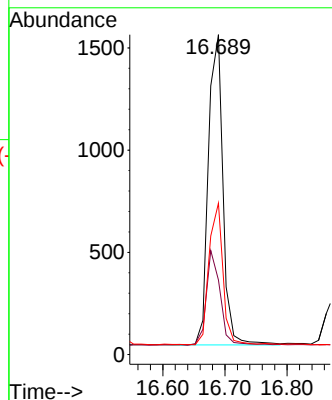
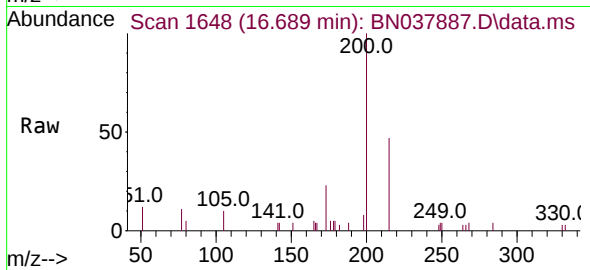




#23  
 Atrazine  
 Concen: 0.315 ng  
 RT: 16.689 min Scan# 1648  
 Delta R.T. 0.000 min  
 Lab File: BN037887.D  
 Acq: 25 Sep 2025 13:57

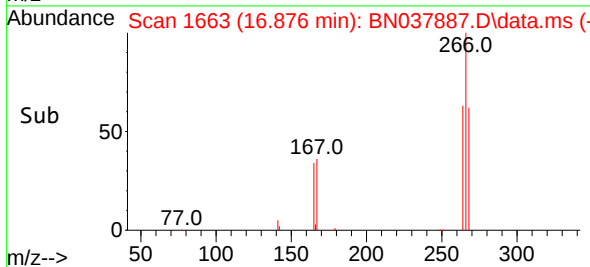
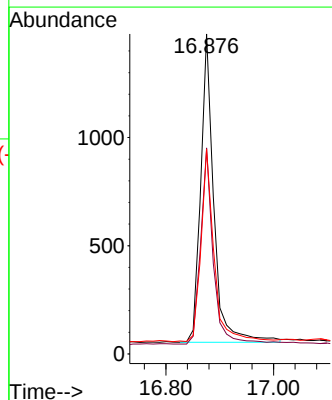
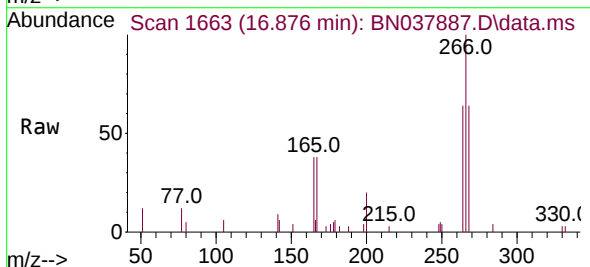
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169793BSD

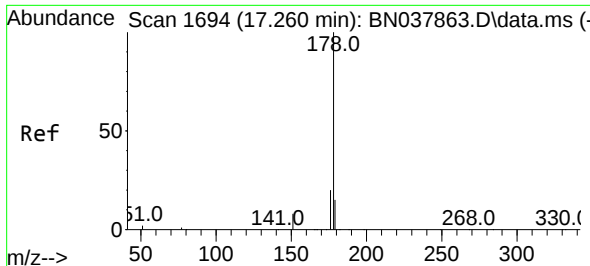
Tgt Ion:200 Resp: 2472  
 Ion Ratio Lower Upper  
 200 100  
 173 23.3 18.3 27.5  
 215 47.3 38.6 58.0



#24  
 Pentachlorophenol  
 Concen: 0.564 ng  
 RT: 16.876 min Scan# 1663  
 Delta R.T. 0.001 min  
 Lab File: BN037887.D  
 Acq: 25 Sep 2025 13:57

Tgt Ion:266 Resp: 2413  
 Ion Ratio Lower Upper  
 266 100  
 264 61.4 50.9 76.3  
 268 62.0 54.3 81.5

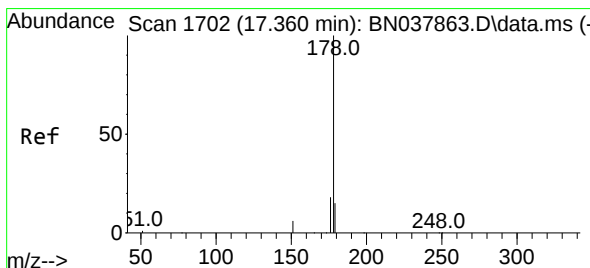
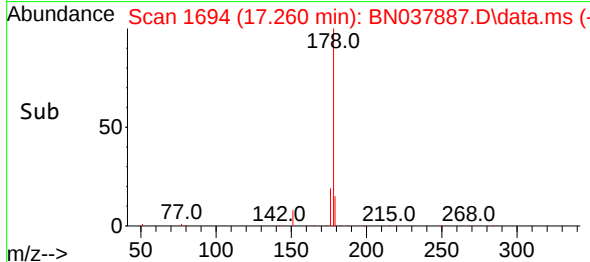
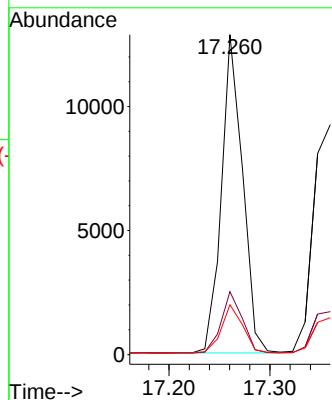
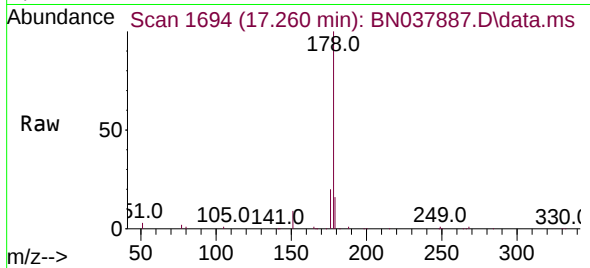




#25  
Phenanthrene  
Concen: 0.359 ng  
RT: 17.260 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

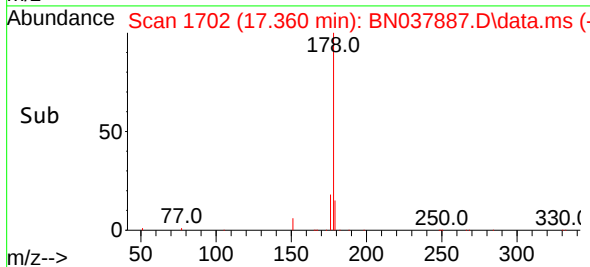
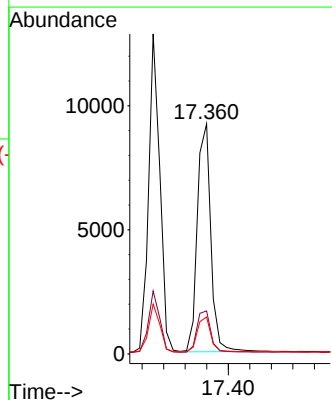
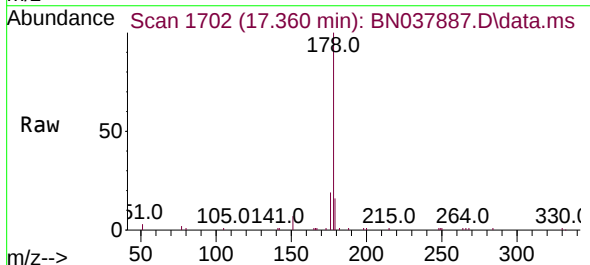
Instrument :  
BNA\_N  
ClientSampleId :  
PB169793BSD

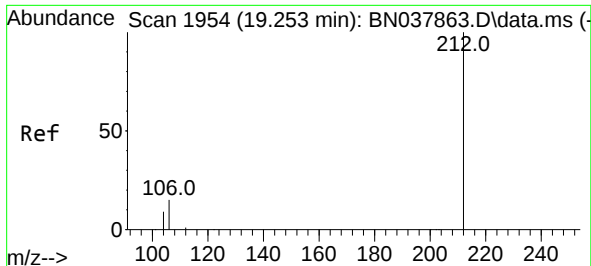
Tgt Ion:178 Resp: 18652  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.7 23.5  
179 15.4 12.3 18.5



#26  
Anthracene  
Concen: 0.355 ng  
RT: 17.360 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

Tgt Ion:178 Resp: 15984  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.4  
179 15.6 12.3 18.5

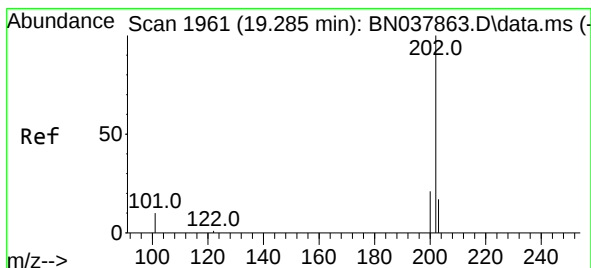
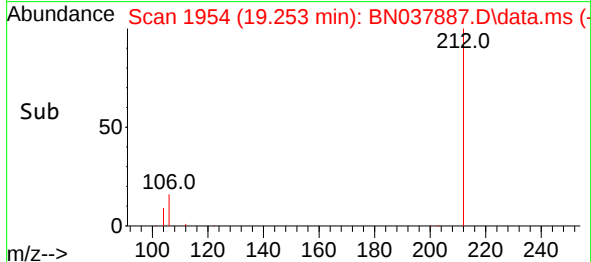
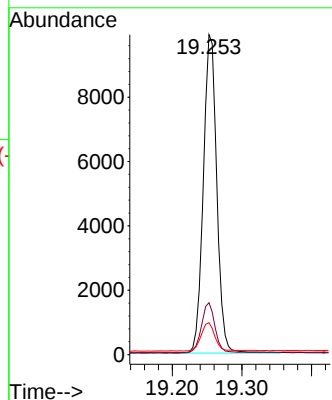
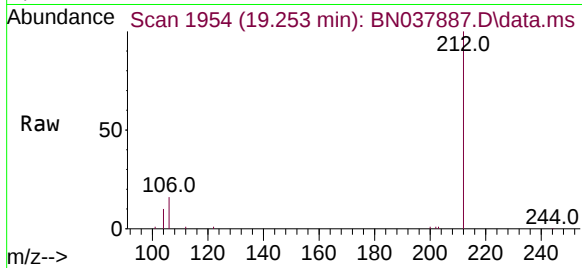




#27  
Fluoranthene-d10  
Concen: 0.334 ng  
RT: 19.253 min Scan# 1954  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

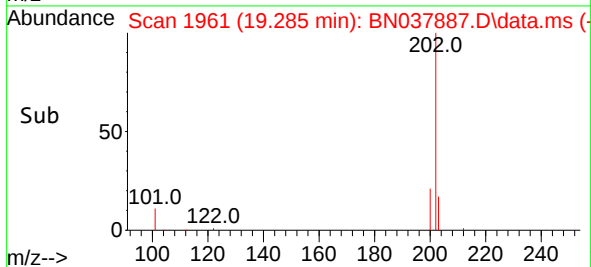
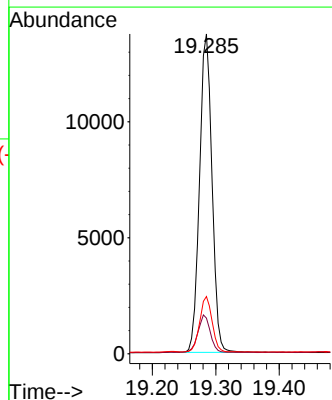
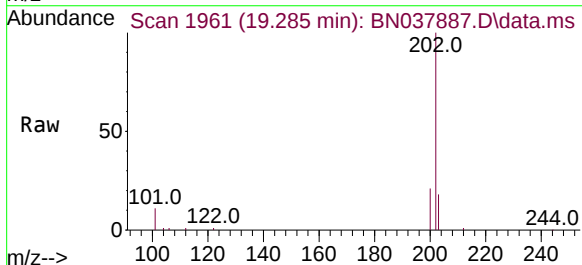
Instrument :  
BNA\_N  
ClientSampleId :  
PB169793BSD

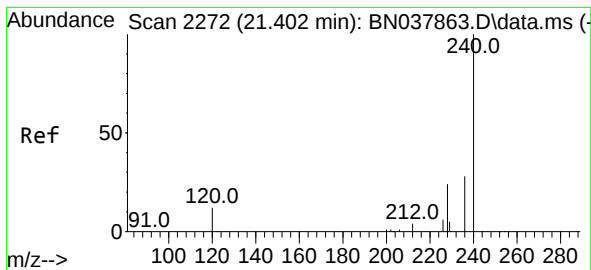
Tgt Ion:212 Resp: 13258  
Ion Ratio Lower Upper  
212 100  
106 15.6 12.6 19.0  
104 9.1 7.4 11.0



#28  
Fluoranthene  
Concen: 0.327 ng  
RT: 19.285 min Scan# 1961  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

Tgt Ion:202 Resp: 18699  
Ion Ratio Lower Upper  
202 100  
101 11.6 9.3 13.9  
203 17.3 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037887.D

Acq: 25 Sep 2025 13:57

Instrument :

BNA\_N

ClientSampleId :

PB169793BSD

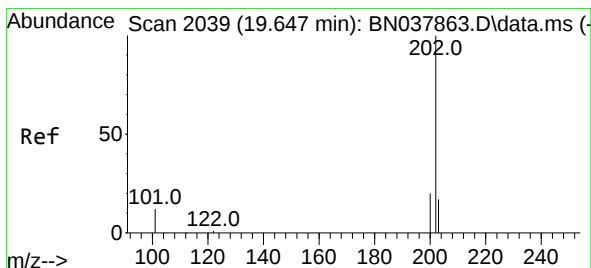
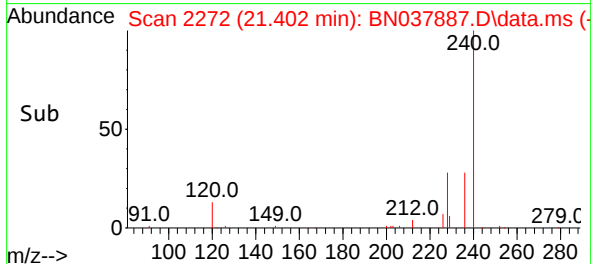
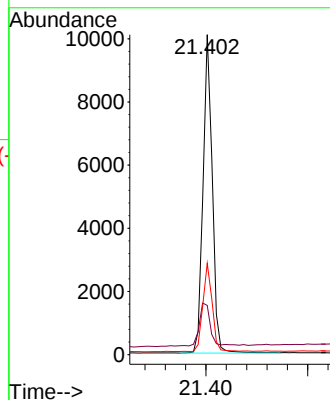
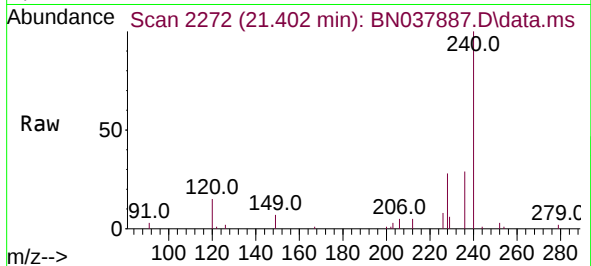
Tgt Ion:240 Resp: 12693

Ion Ratio Lower Upper

240 100

120 15.4 11.4 17.2

236 28.5 23.0 34.6



#30

Pyrene

Concen: 0.370 ng

RT: 19.648 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BN037887.D

Acq: 25 Sep 2025 13:57

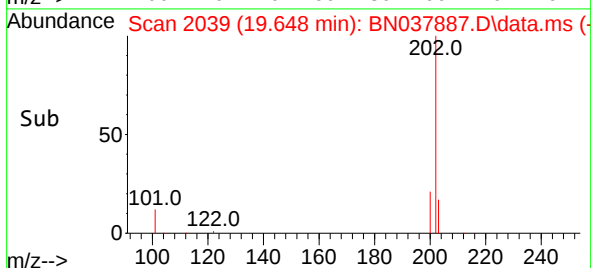
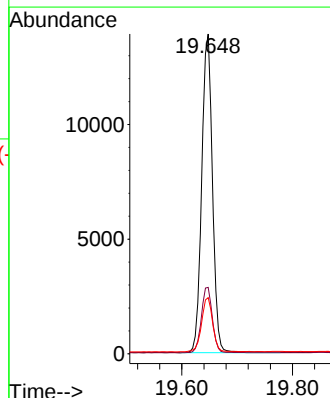
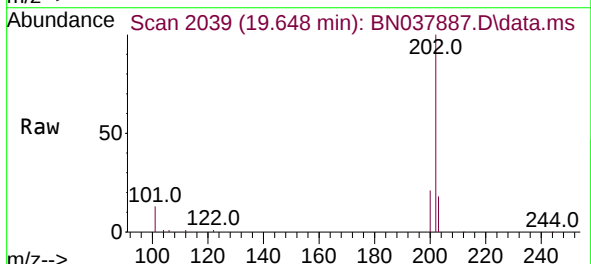
Tgt Ion:202 Resp: 18557

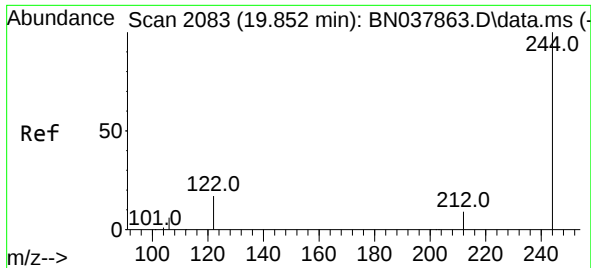
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.7 14.2 21.4

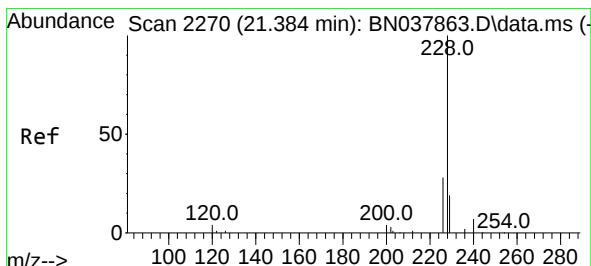
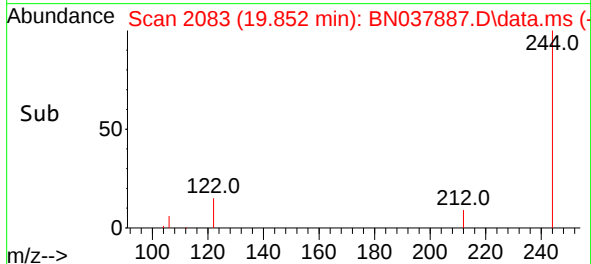
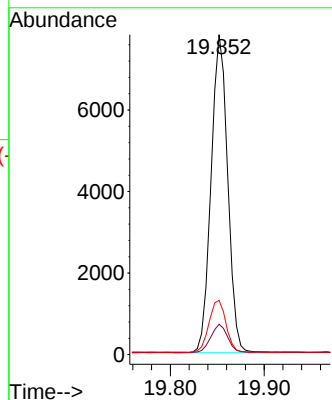
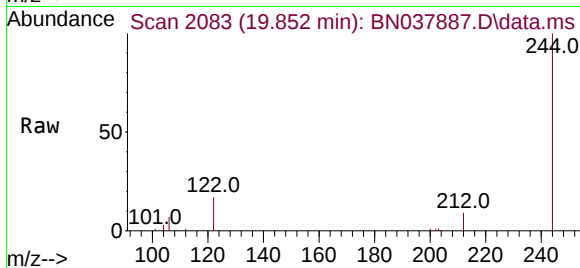




#31  
Terphenyl-d14  
Concen: 0.380 ng  
RT: 19.852 min Scan# 2083  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

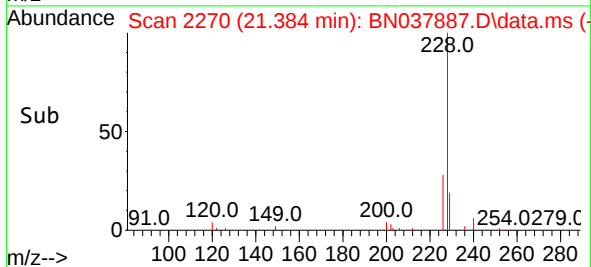
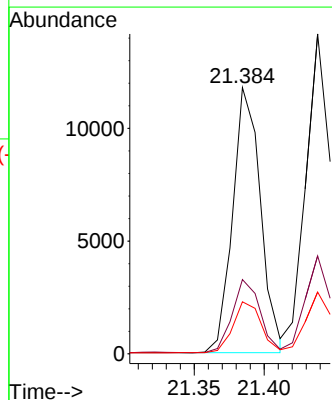
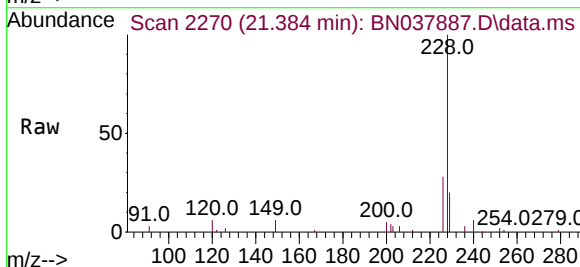
Instrument :  
BNA\_N  
ClientSampleId :  
PB169793BSD

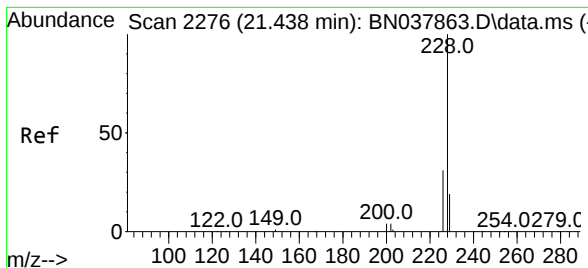
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.5   | 7.6   | 11.4  |
| 122     | 16.9  | 13.9  | 20.9  |



#32  
Benzo(a)anthracene  
Concen: 0.366 ng  
RT: 21.384 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.9  | 22.6  | 33.8  |
| 229     | 19.5  | 15.6  | 23.4  |





#33

Chrysene

Concen: 0.378 ng

RT: 21.438 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037887.D

Acq: 25 Sep 2025 13:57

Instrument :

BNA\_N

ClientSampleId :

PB169793BSD

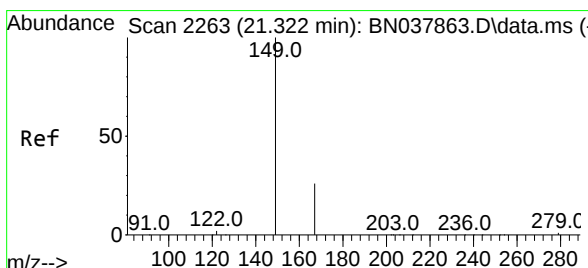
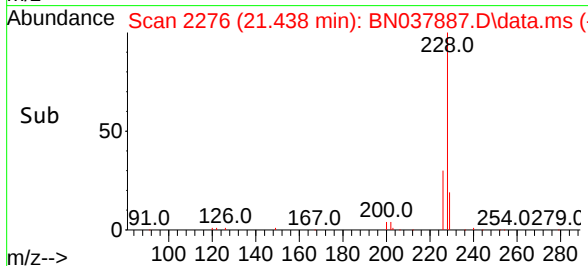
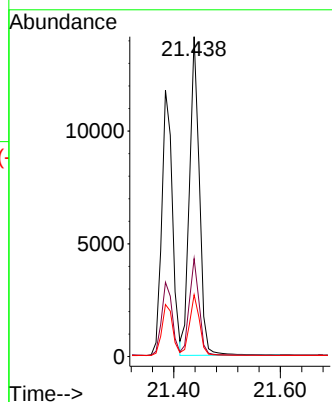
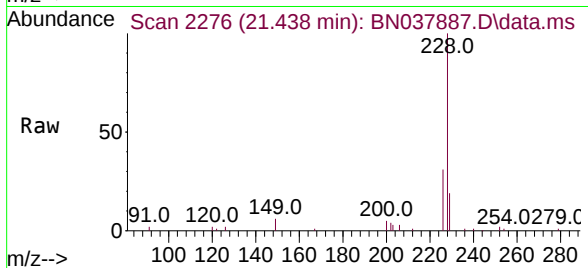
Tgt Ion:228 Resp: 18156

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

229 19.3 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.307 ng

RT: 21.322 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BN037887.D

Acq: 25 Sep 2025 13:57

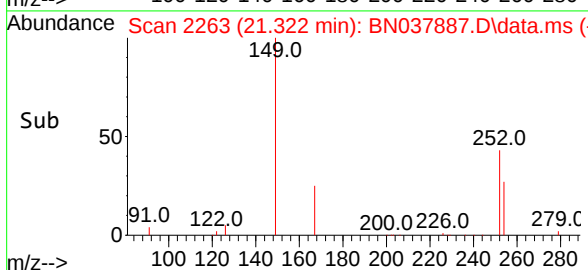
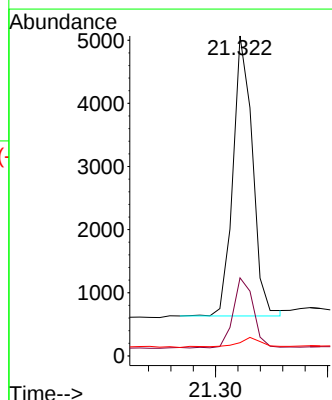
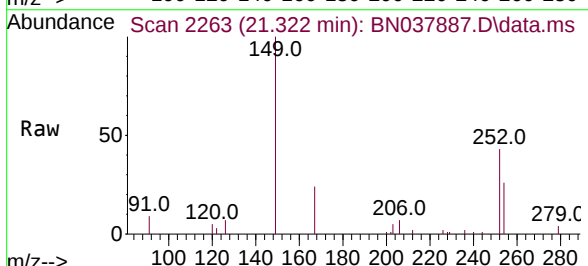
Tgt Ion:149 Resp: 5385

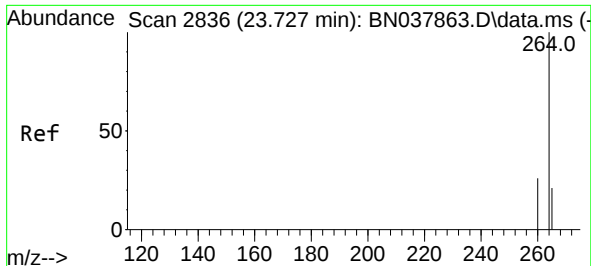
Ion Ratio Lower Upper

149 100

167 26.1 20.4 30.6

279 4.9 2.4 3.6#

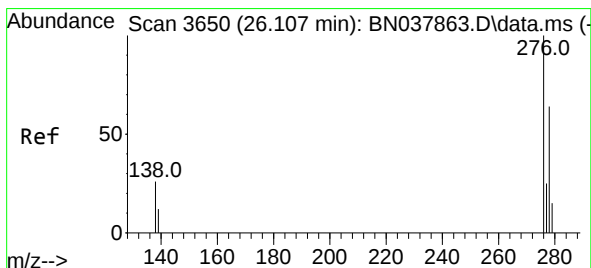
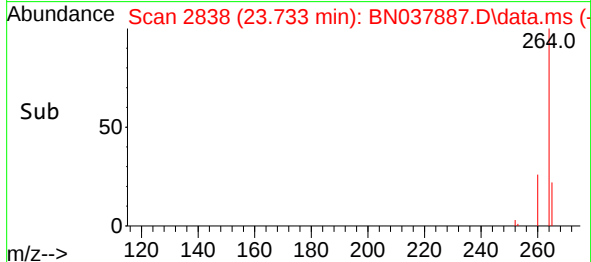
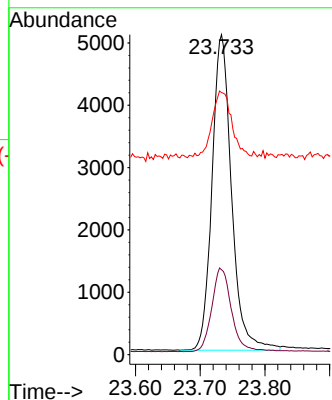
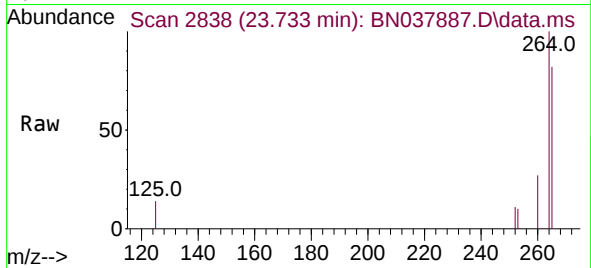




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.733 min Scan# 2838  
Delta R.T. 0.006 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

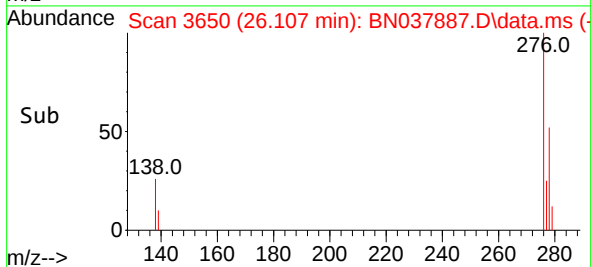
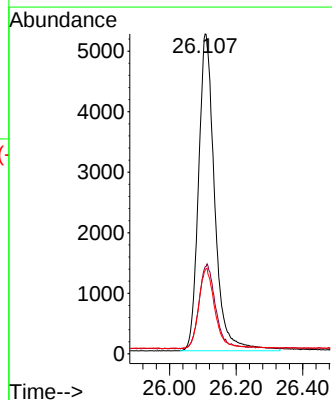
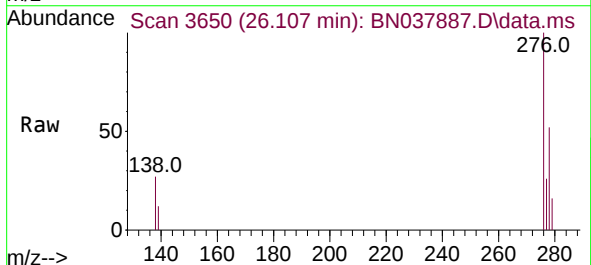
Instrument :  
BNA\_N  
ClientSampleId :  
PB169793BSD

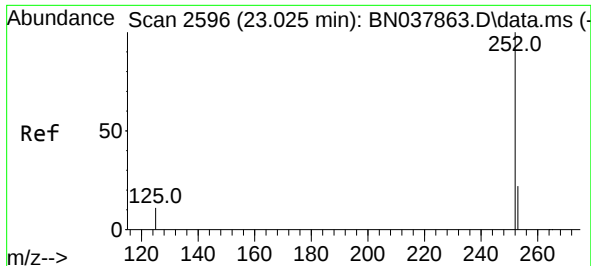
Tgt Ion:264 Resp: 10583  
Ion Ratio Lower Upper  
264 100  
260 26.5 21.5 32.3  
265 81.9 53.8 80.6#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.364 ng  
RT: 26.107 min Scan# 3650  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

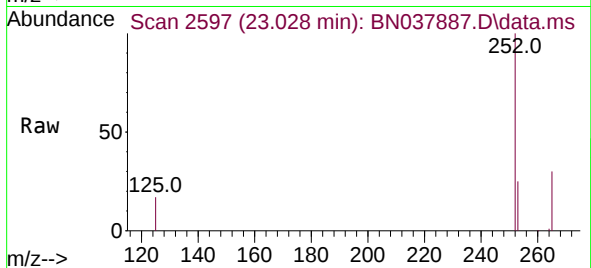
Tgt Ion:276 Resp: 17604  
Ion Ratio Lower Upper  
276 100  
138 27.2 21.4 32.0  
277 25.2 20.3 30.5



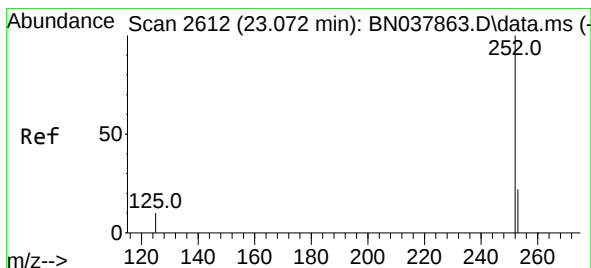
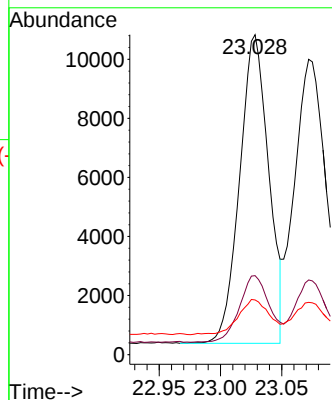


#37  
Benzo(b)fluoranthene  
Concen: 0.377 ng  
RT: 23.028 min Scan# 2596  
Delta R.T. 0.003 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

Instrument :  
BNA\_N  
ClientSampleId :  
PB169793BSD

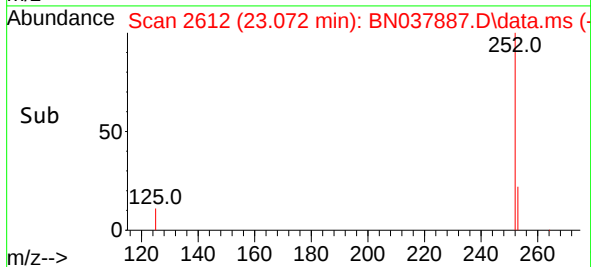
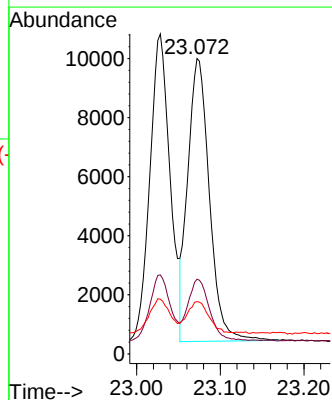
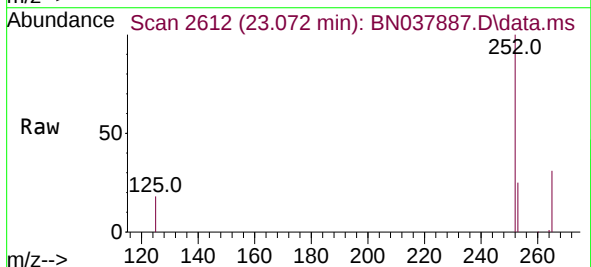


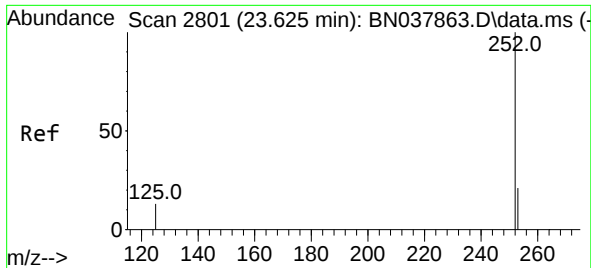
Tgt Ion:252 Resp: 17197  
Ion Ratio Lower Upper  
252 100  
253 24.7 19.4 29.0  
125 17.1 13.0 19.4



#38  
Benzo(k)fluoranthene  
Concen: 0.375 ng  
RT: 23.072 min Scan# 2612  
Delta R.T. 0.000 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

Tgt Ion:252 Resp: 17240  
Ion Ratio Lower Upper  
252 100  
253 25.3 19.5 29.3  
125 17.7 13.0 19.4

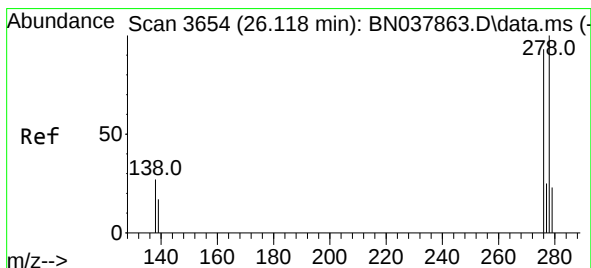
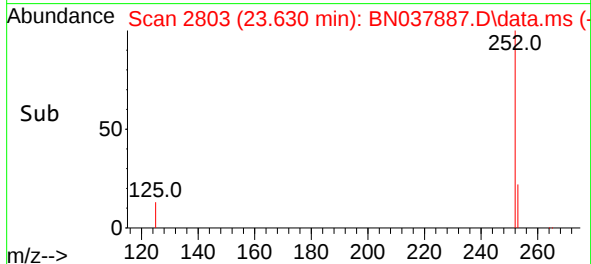
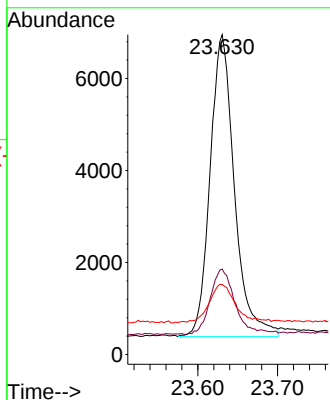
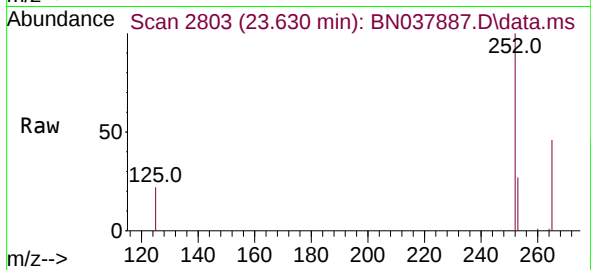




#39  
Benzo(a)pyrene  
Concen: 0.386 ng  
RT: 23.630 min Scan# 2803  
Delta R.T. 0.006 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

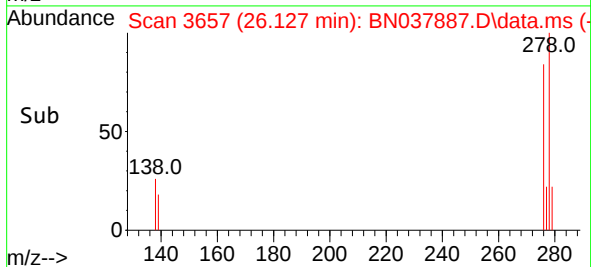
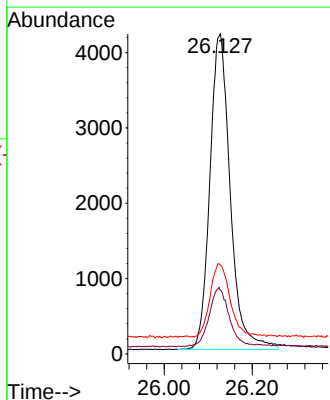
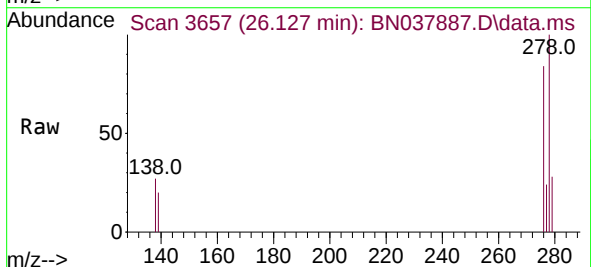
Instrument :  
BNA\_N  
ClientSampleId :  
PB169793BSD

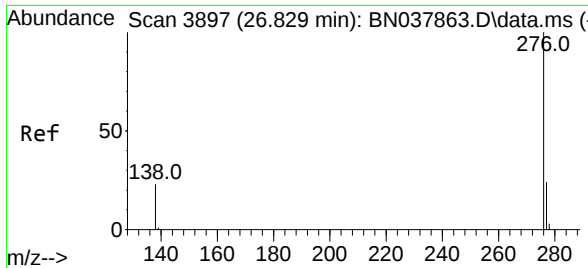
Tgt Ion:252 Resp: 13929  
Ion Ratio Lower Upper  
252 100  
253 26.7 20.6 30.8  
125 21.9 16.7 25.1



#40  
Dibenzo(a,h)anthracene  
Concen: 0.358 ng  
RT: 26.127 min Scan# 3657  
Delta R.T. 0.009 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

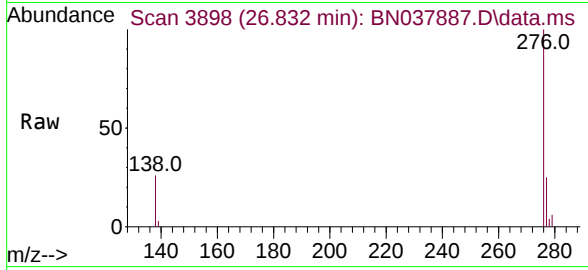
Tgt Ion:278 Resp: 13514  
Ion Ratio Lower Upper  
278 100  
139 19.9 15.4 23.2  
279 27.8 20.8 31.2





#41  
Benzo(g,h,i)perylene  
Concen: 0.371 ng  
RT: 26.832 min Scan# 3898  
Delta R.T. 0.003 min  
Lab File: BN037887.D  
Acq: 25 Sep 2025 13:57

Instrument :  
BNA\_N  
ClientSampleId :  
PB169793BSD



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 14699 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.9  | 20.2  | 30.4  |
| 138      | 25.8  | 19.8  | 29.8  |

