

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091925\  
 Data File : BN037829.D  
 Acq On : 20 Sep 2025 00:03  
 Operator : RC/JU  
 Sample : PB169743BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169743BS

Quant Time: Sep 20 00:39:02 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 14:20:01 2025  
 Response via : Initial Calibration

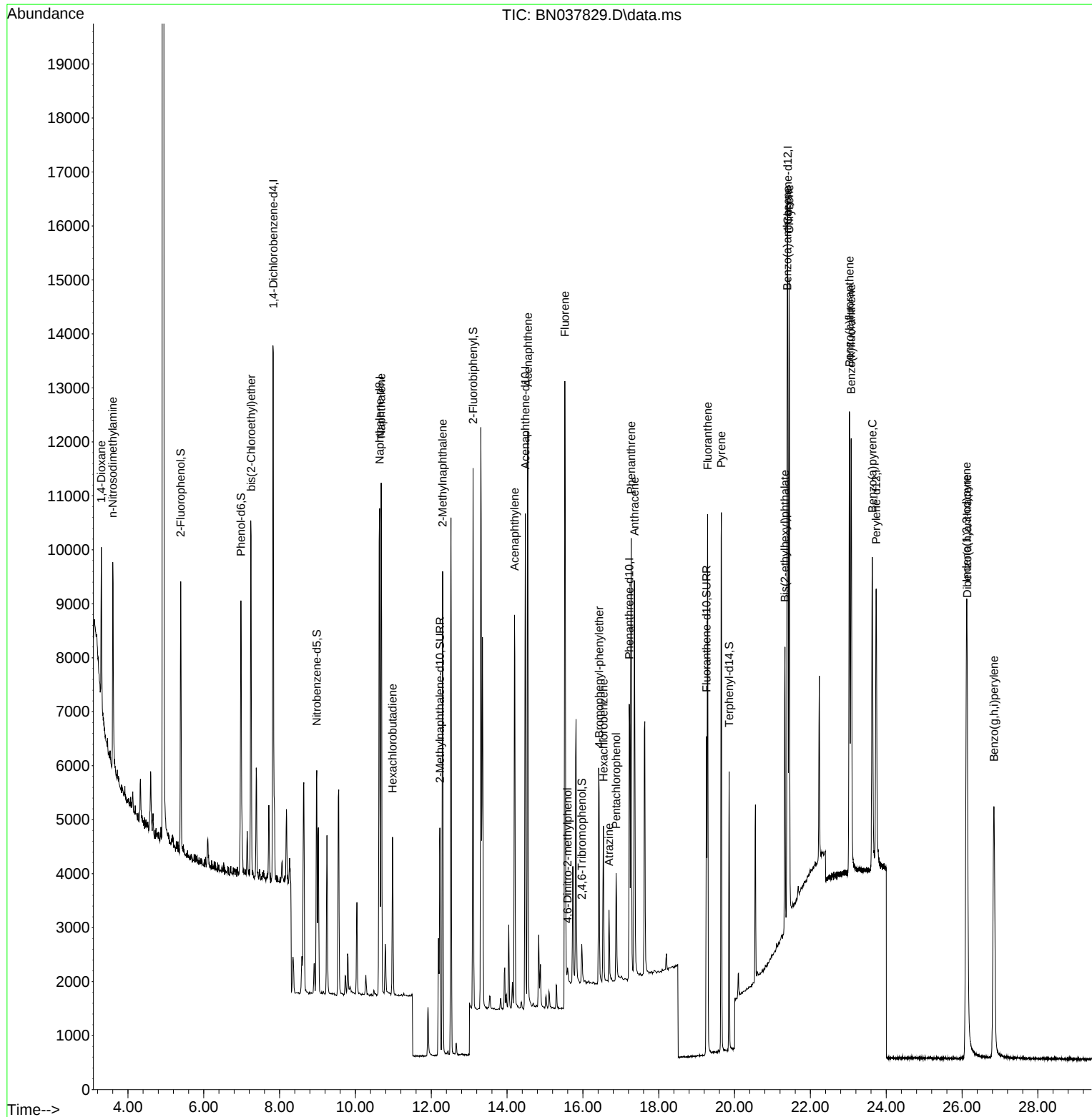
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 4918     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 12547    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.484 | 164  | 5131     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.223 | 188  | 8052     | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.402 | 240  | 7504     | 0.400 | ng    | #-0.02   |
| 35) Perylene-d12              | 23.736 | 264  | 7479     | 0.400 | ng    | #-0.02   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 3848     | 0.341 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.981  | 99   | 4516     | 0.308 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.982  | 82   | 3403     | 0.371 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.228 | 152  | 5621     | 0.338 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.969 | 330  | 480      | 0.359 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 8172     | 0.381 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.257 | 212  | 6609     | 0.327 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.856 | 244  | 4714     | 0.310 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.297  | 88   | 1613     | 0.315 | ng    | # 71     |
| 3) n-Nitrosodimethylamine     | 3.601  | 42   | 2293     | 0.343 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.248  | 93   | 4720     | 0.361 | ng    | 100      |
| 9) Naphthalene                | 10.680 | 128  | 11986    | 0.349 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.979 | 225  | 2301     | 0.371 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.299 | 142  | 6427     | 0.303 | ng    | 97       |
| 16) Acenaphthylene            | 14.195 | 152  | 8775     | 0.373 | ng    | 100      |
| 17) Acenaphthene              | 14.548 | 154  | 5527     | 0.347 | ng    | 98       |
| 18) Fluorene                  | 15.523 | 166  | 6179     | 0.321 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.597 | 198  | 213      | 0.286 | ng    | # 59     |
| 21) 4-Bromophenyl-phenylether | 16.429 | 248  | 1819     | 0.346 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.540 | 284  | 2364     | 0.391 | ng    | 98       |
| 23) Atrazine                  | 16.689 | 200  | 1128     | 0.338 | ng    | # 95     |
| 24) Pentachlorophenol         | 16.875 | 266  | 1133     | 0.646 | ng    | 93       |
| 25) Phenanthrene              | 17.273 | 178  | 9016     | 0.356 | ng    | 99       |
| 26) Anthracene                | 17.360 | 178  | 8056     | 0.359 | ng    | 100      |
| 28) Fluoranthene              | 19.290 | 202  | 9102     | 0.327 | ng    | 100      |
| 30) Pyrene                    | 19.652 | 202  | 9186     | 0.313 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.393 | 228  | 9473     | 0.362 | ng    | 99       |
| 33) Chrysene                  | 21.438 | 228  | 10174    | 0.363 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.331 | 149  | 2804     | 0.361 | ng    | 97       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.116 | 276  | 12452    | 0.396 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.028 | 252  | 11310    | 0.384 | ng    | # 93     |
| 38) Benzo(k)fluoranthene      | 23.078 | 252  | 11050    | 0.368 | ng    | # 93     |
| 39) Benzo(a)pyrene            | 23.633 | 252  | 9415     | 0.399 | ng    | # 92     |
| 40) Dibenzo(a,h)anthracene    | 26.136 | 278  | 9477     | 0.378 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.841 | 276  | 10900    | 0.387 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091925\  
Data File : BN037829.D  
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Operator : RC/JU  
Sample : PB169743BS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB169743BS

Quant Time: Sep 20 00:39:02 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 14:20:01 2025  
Response via : Initial Calibration

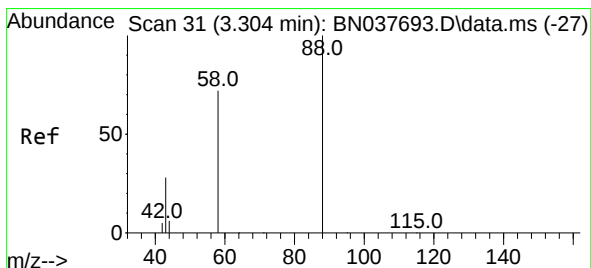
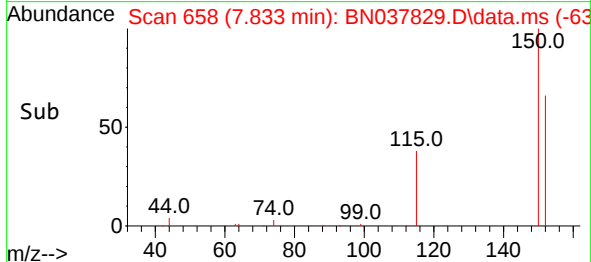
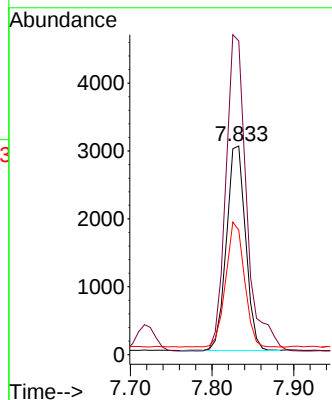
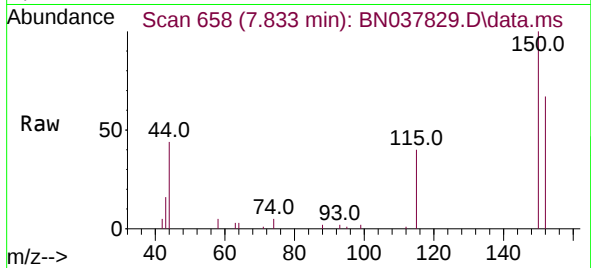




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.833 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN037829.D  
 Acq: 20 Sep 2025 00:03

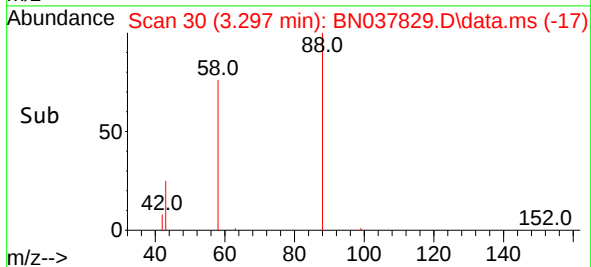
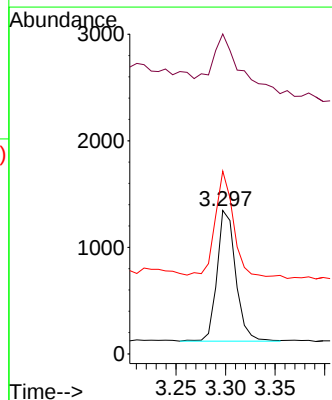
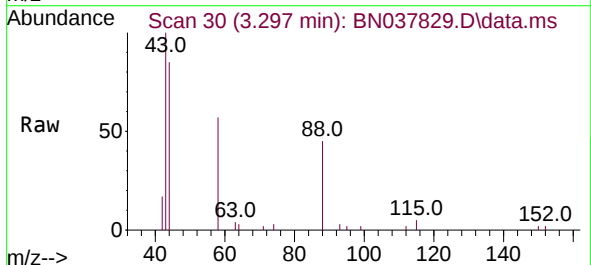
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169743BS

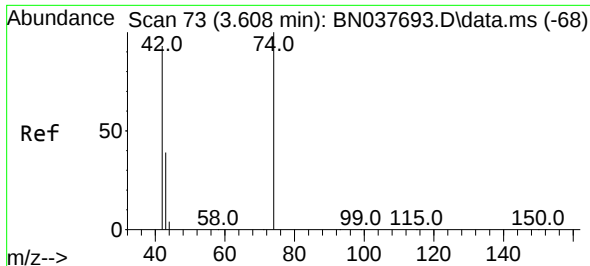
Tgt Ion:152 Resp: 4918  
 Ion Ratio Lower Upper  
 152 100  
 150 150.4 124.5 186.7  
 115 59.6 49.2 73.8



#2  
 1,4-Dioxane  
 Concen: 0.315 ng  
 RT: 3.297 min Scan# 30  
 Delta R.T. -0.007 min  
 Lab File: BN037829.D  
 Acq: 20 Sep 2025 00:03

Tgt Ion: 88 Resp: 1613  
 Ion Ratio Lower Upper  
 88 100  
 43 78.2 26.8 40.2#  
 58 84.2 61.9 92.9

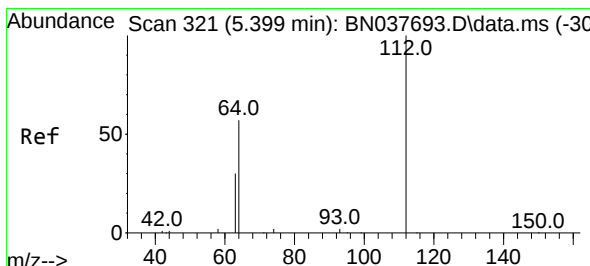
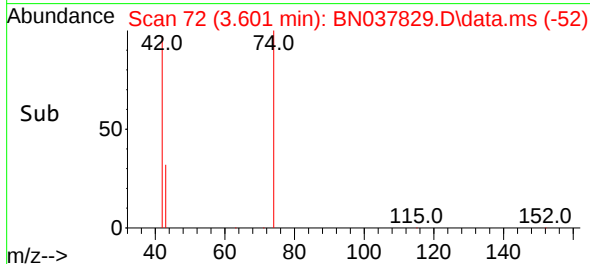
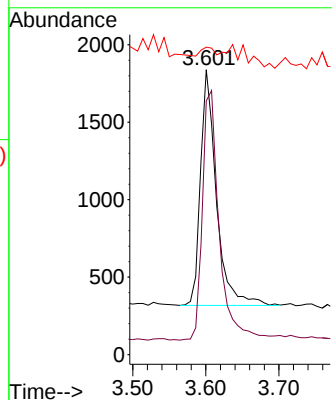
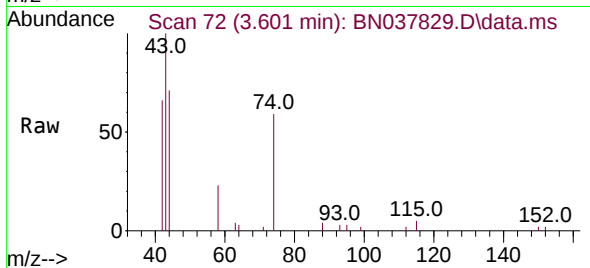




#3  
 n-Nitrosodimethylamine  
 Concen: 0.343 ng  
 RT: 3.601 min Scan# 71  
 Delta R.T. -0.007 min  
 Lab File: BN037829.D  
 Acq: 20 Sep 2025 00:03

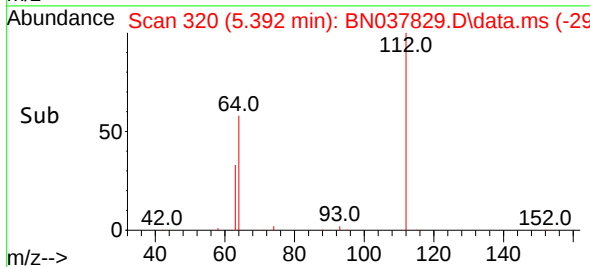
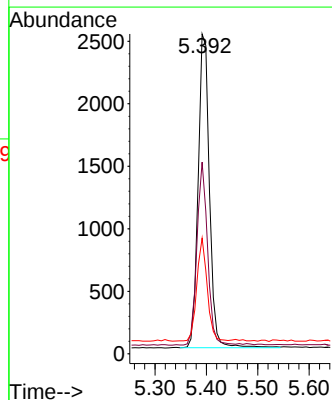
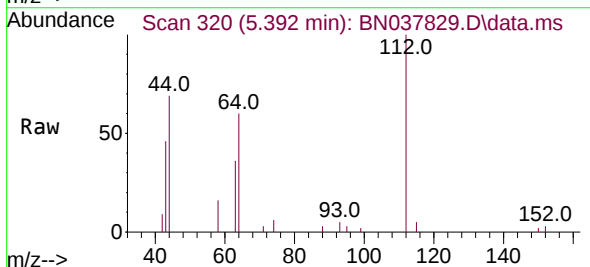
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169743BS

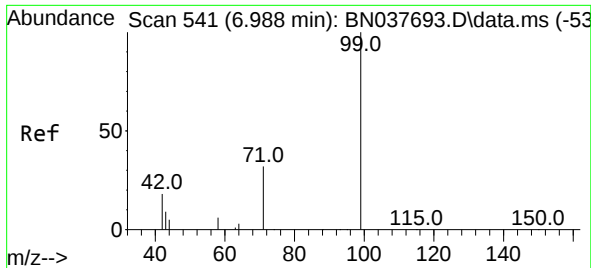
Tgt Ion: 42 Resp: 2293  
 Ion Ratio Lower Upper  
 42 100  
 74 112.9 86.0 129.0  
 44 3.0 8.4 12.6#



#4  
 2-Fluorophenol  
 Concen: 0.341 ng  
 RT: 5.392 min Scan# 320  
 Delta R.T. -0.007 min  
 Lab File: BN037829.D  
 Acq: 20 Sep 2025 00:03

Tgt Ion: 112 Resp: 3848  
 Ion Ratio Lower Upper  
 112 100  
 64 55.2 44.9 67.3  
 63 29.9 24.7 37.1

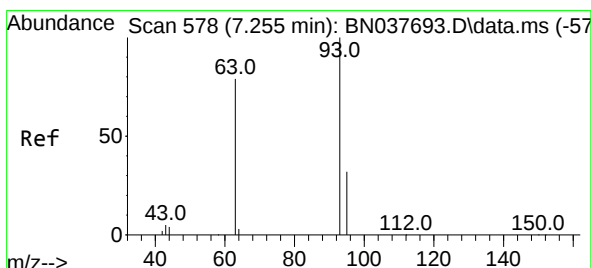
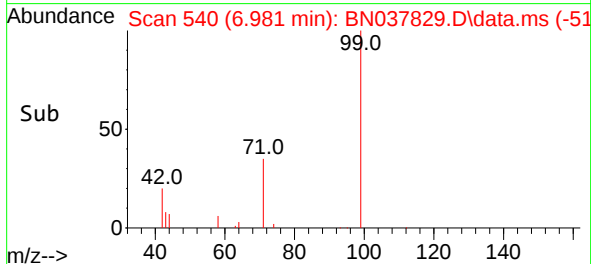
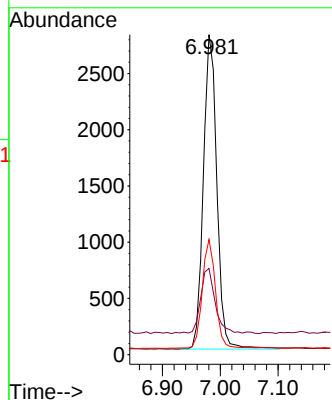
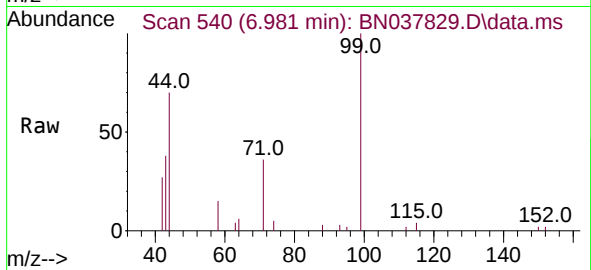




#5  
Phenol-d6  
Concen: 0.308 ng  
RT: 6.981 min Scan# 541  
Delta R.T. -0.007 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

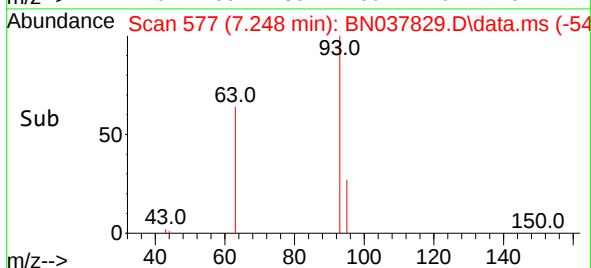
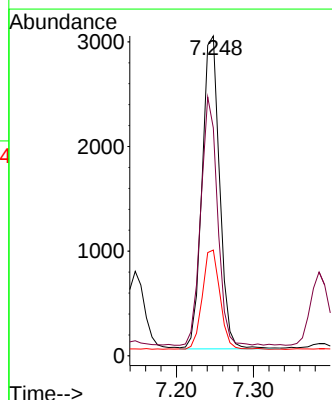
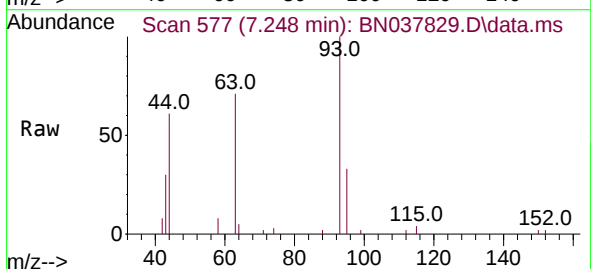
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ClientSampleId :  
PB169743BS

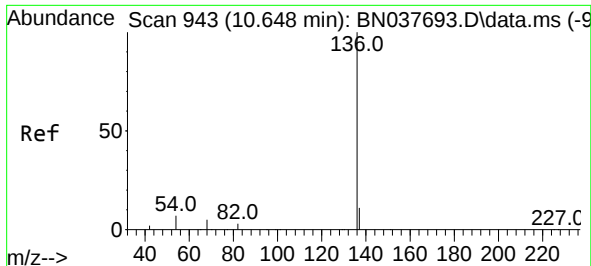
Tgt Ion: 99 Resp: 4516  
Ion Ratio Lower Upper  
99 100  
42 22.5 16.6 24.8  
71 33.9 26.7 40.1



#6  
bis(2-Chloroethyl)ether  
Concen: 0.361 ng  
RT: 7.248 min Scan# 577  
Delta R.T. -0.007 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

Tgt Ion: 93 Resp: 4720  
Ion Ratio Lower Upper  
93 100  
63 75.5 60.6 90.8  
95 32.3 26.0 39.0

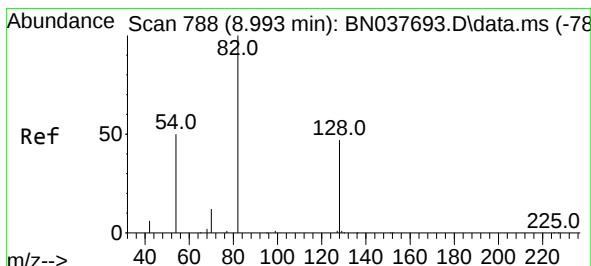
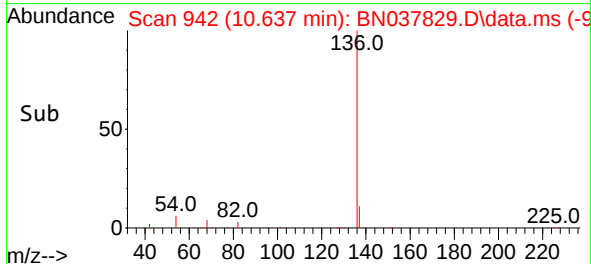
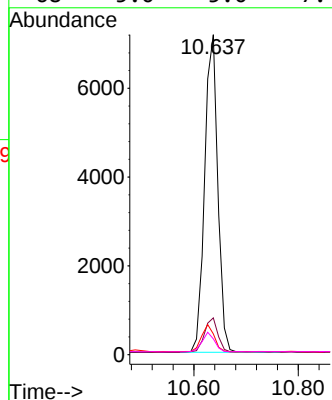
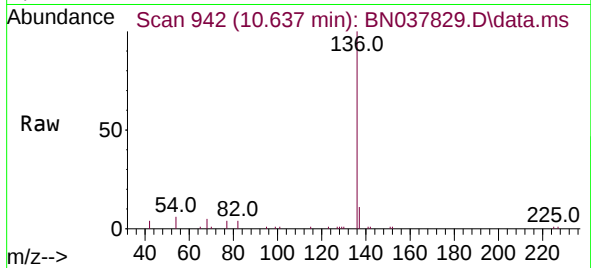




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 94  
Delta R.T. -0.011 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

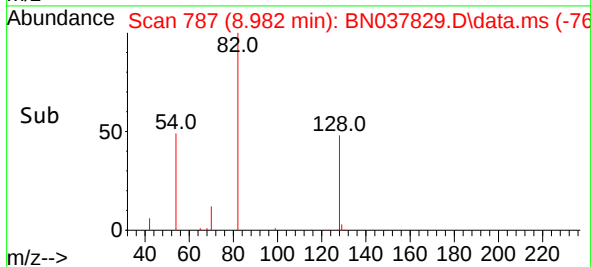
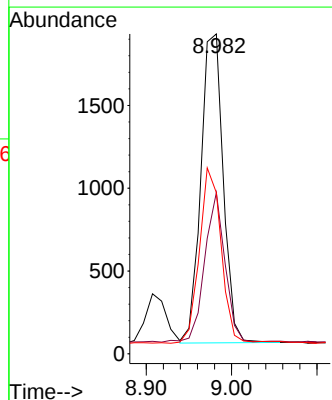
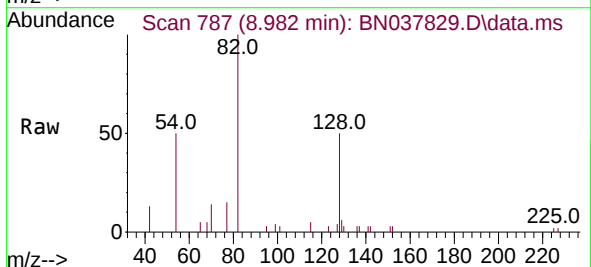
Instrument :  
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ClientSampleId :  
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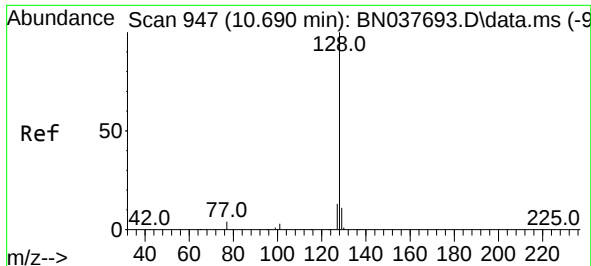
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|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 12547    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.5  | 9.1 13.7 |
| 54          | 6.5   | 6.3 9.5  |
| 68          | 5.0   | 5.0 7.4  |



#8  
Nitrobenzene-d5  
Concen: 0.371 ng  
RT: 8.982 min Scan# 787  
Delta R.T. -0.011 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 3403      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 50.4  | 38.3 57.5 |
| 54          | 50.4  | 41.4 62.2 |

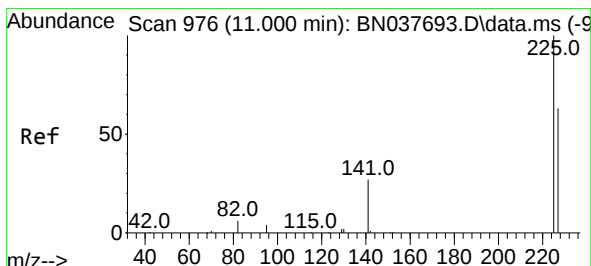
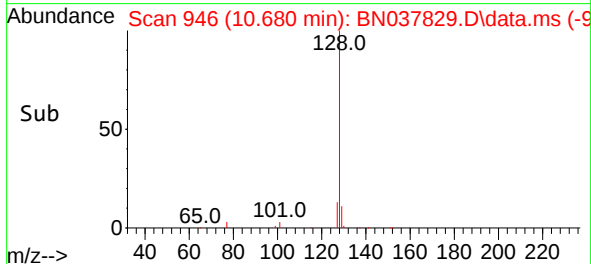
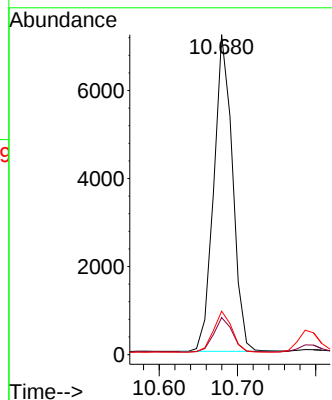
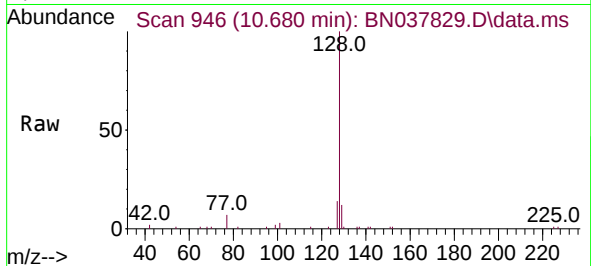




#9  
Naphthalene  
Concen: 0.349 ng  
RT: 10.680 min Scan# 94  
Delta R.T. -0.011 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

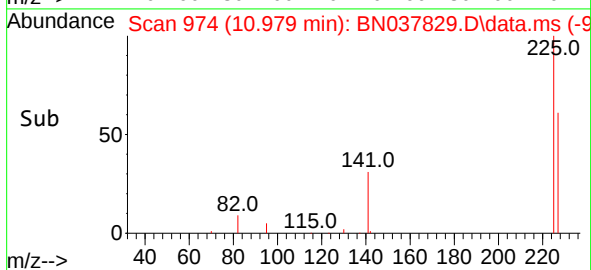
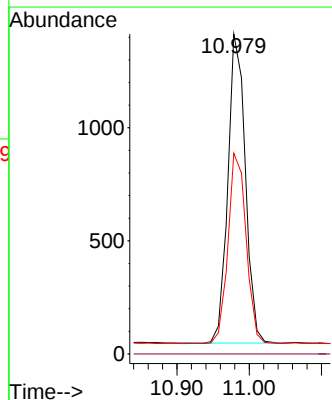
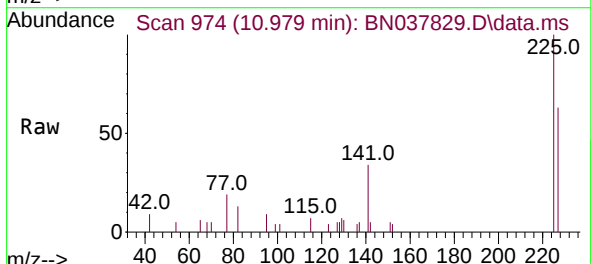
Instrument :  
BNA\_N  
ClientSampleId :  
PB169743BS

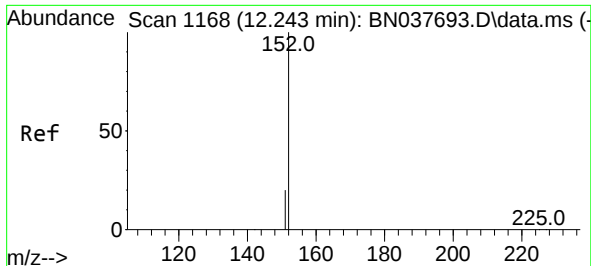
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|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 11986     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 129         | 11.6  | 9.1 13.7  |
| 127         | 13.6  | 10.9 16.3 |



#10  
Hexachlorobutadiene  
Concen: 0.371 ng  
RT: 10.979 min Scan# 974  
Delta R.T. -0.021 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 2301      |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 0.0   | 0.0 0.0   |
| 227         | 63.8  | 50.9 76.3 |

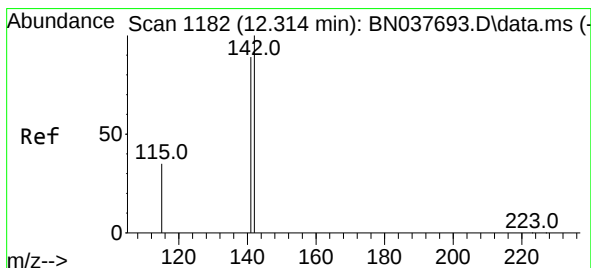
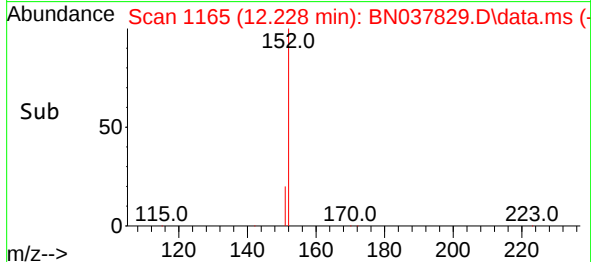
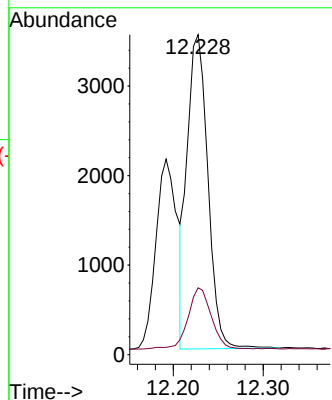
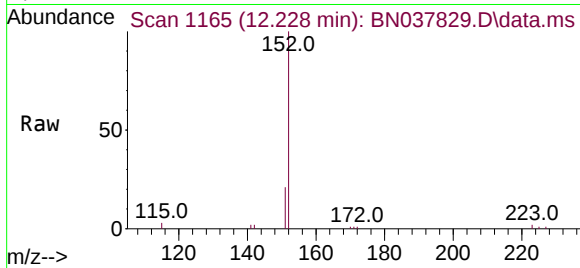




#11  
2-Methylnaphthalene-d10  
Concen: 0.338 ng  
RT: 12.228 min Scan# 1165  
Delta R.T. -0.015 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

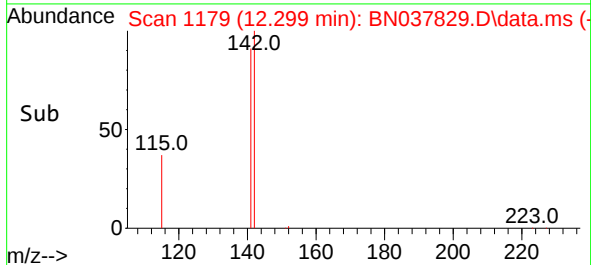
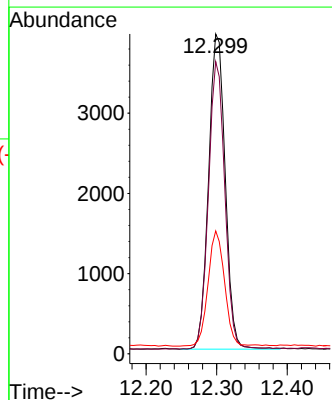
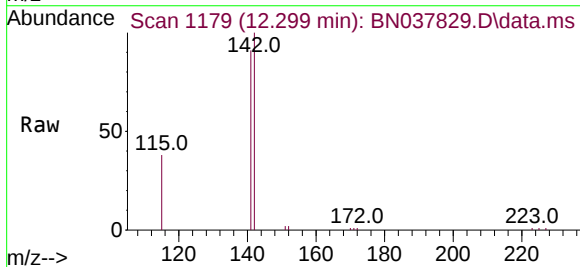
Instrument :  
BNA\_N  
ClientSampleId :  
PB169743BS

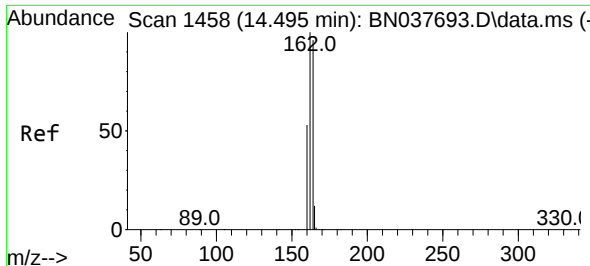
Tgt Ion:152 Resp: 5621  
Ion Ratio Lower Upper  
152 100  
151 22.0 17.0 25.6



#12  
2-Methylnaphthalene  
Concen: 0.303 ng  
RT: 12.299 min Scan# 1179  
Delta R.T. -0.015 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

Tgt Ion:142 Resp: 6427  
Ion Ratio Lower Upper  
142 100  
141 91.3 71.6 107.4  
115 38.4 28.6 43.0

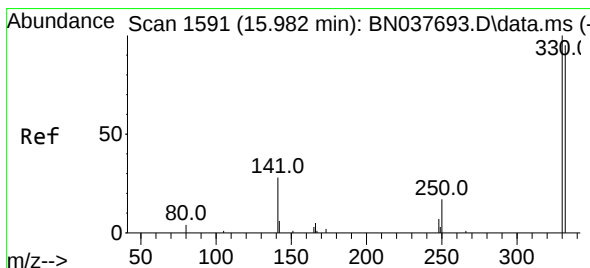
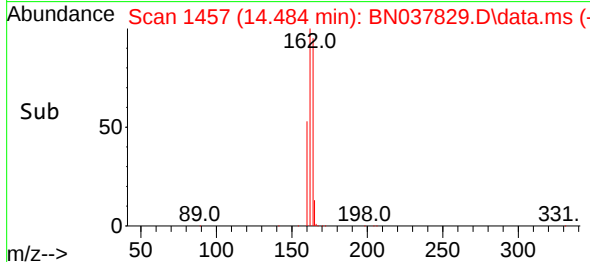
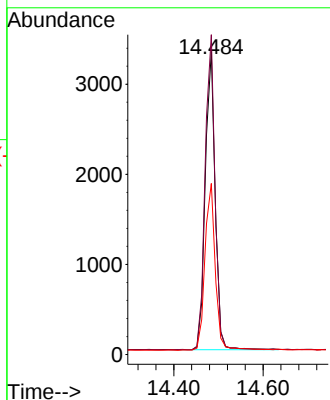
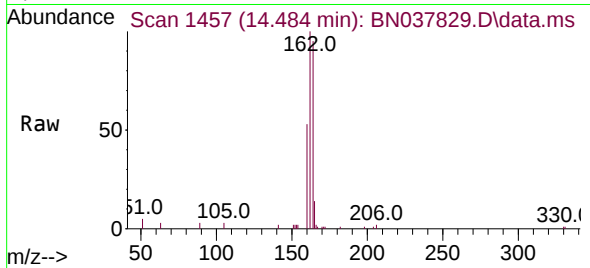




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.484 min Scan# 14  
 Delta R.T. -0.011 min  
 Lab File: BN037829.D  
 Acq: 20 Sep 2025 00:03

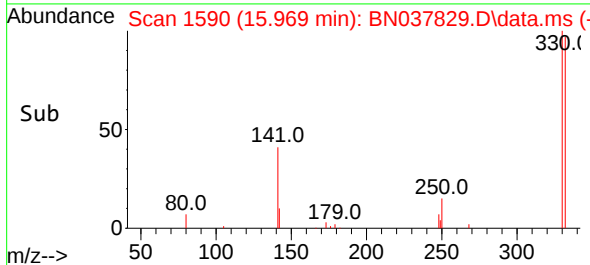
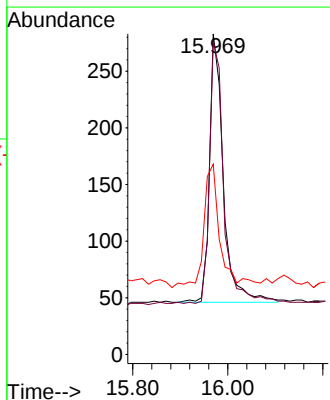
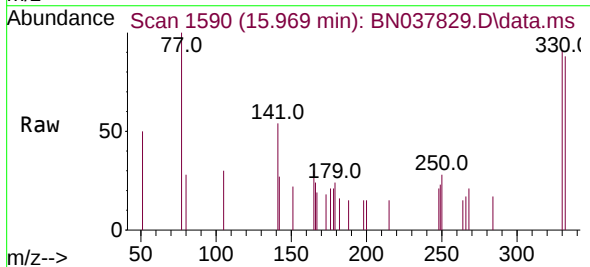
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169743BS

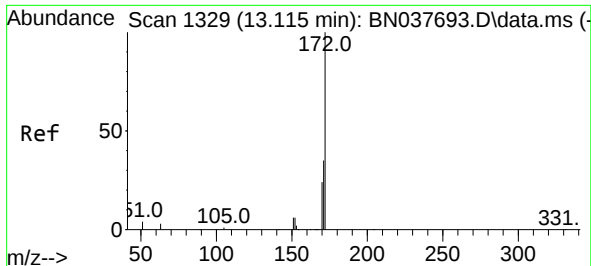
Tgt Ion:164 Resp: 5131  
 Ion Ratio Lower Upper  
 164 100  
 162 105.6 83.1 124.7  
 160 56.5 44.3 66.5



#14  
 2,4,6-Tribromophenol  
 Concen: 0.359 ng  
 RT: 15.969 min Scan# 1590  
 Delta R.T. -0.013 min  
 Lab File: BN037829.D  
 Acq: 20 Sep 2025 00:03

Tgt Ion:330 Resp: 480  
 Ion Ratio Lower Upper  
 330 100  
 332 99.8 75.3 112.9  
 141 54.4 35.0 52.4#

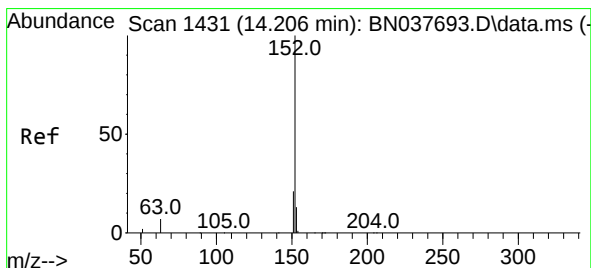
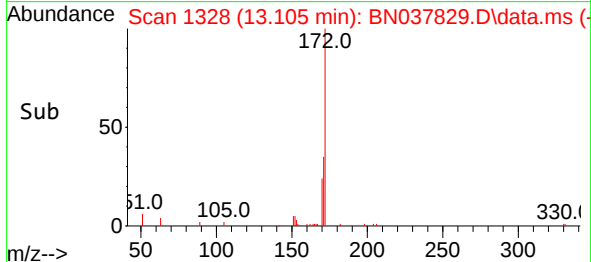
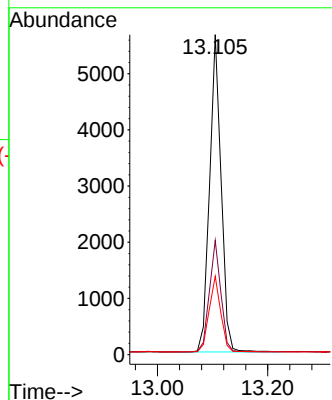
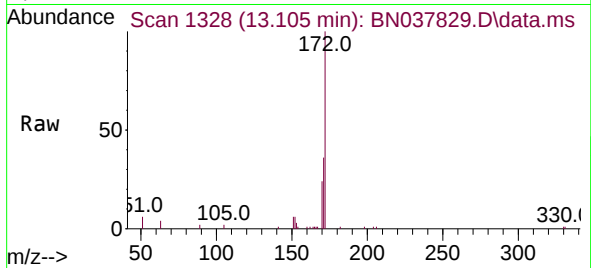




#15  
2-Fluorobiphenyl  
Concen: 0.381 ng  
RT: 13.105 min Scan# 1329  
Delta R.T. -0.011 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

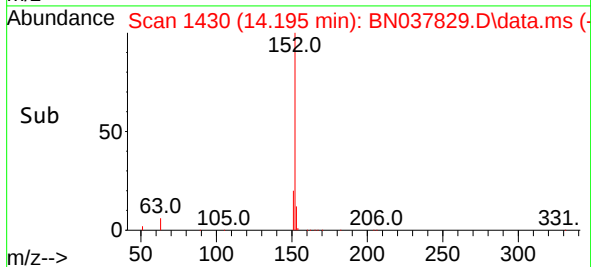
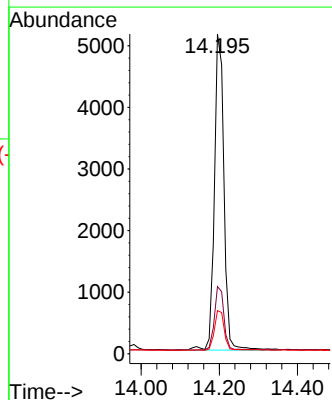
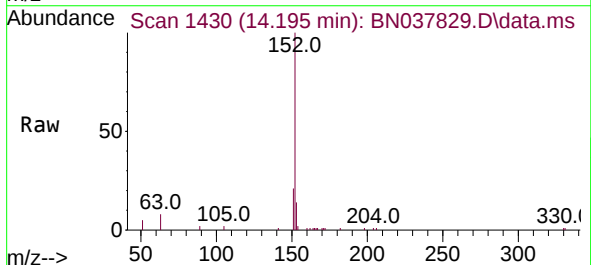
Instrument :  
BNA\_N  
ClientSampleId :  
PB169743BS

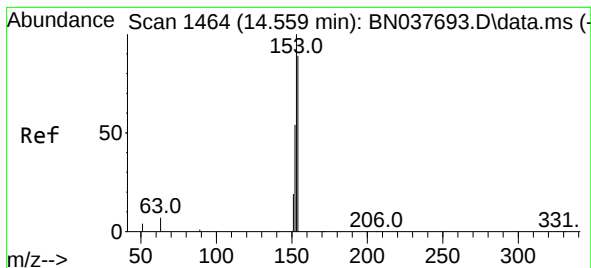
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 8172      |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 35.7  | 28.6 43.0 |
| 170         | 24.5  | 19.8 29.8 |



#16  
Acenaphthylene  
Concen: 0.373 ng  
RT: 14.195 min Scan# 1430  
Delta R.T. -0.011 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 8775      |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 151         | 20.2  | 16.2 24.2 |
| 153         | 13.1  | 10.4 15.6 |





#17

Acenaphthene

Concen: 0.347 ng

RT: 14.548 min Scan# 1463

Delta R.T. -0.011 min

Lab File: BN037829.D

Acq: 20 Sep 2025 00:03

Instrument :

BNA\_N

ClientSampleId :

PB169743BS

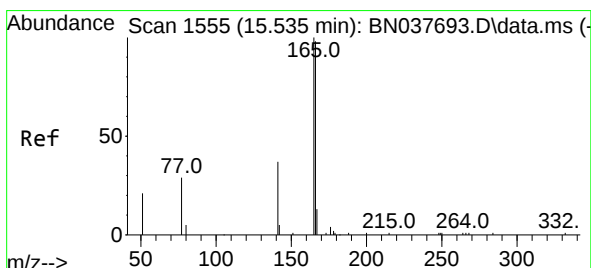
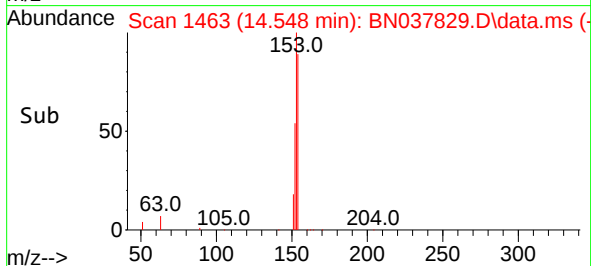
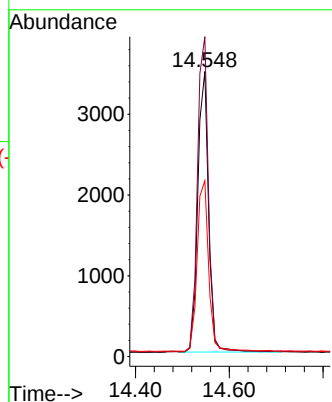
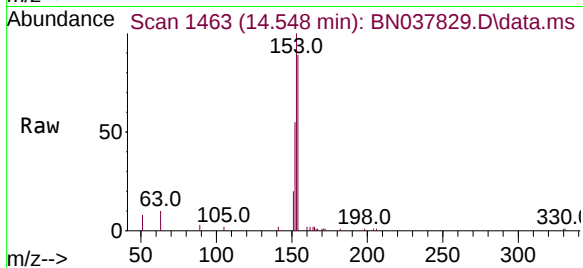
Tgt Ion:154 Resp: 5527

Ion Ratio Lower Upper

154 100

153 114.3 89.8 134.8

152 64.4 50.2 75.2



#18

Fluorene

Concen: 0.321 ng

RT: 15.523 min Scan# 1554

Delta R.T. -0.012 min

Lab File: BN037829.D

Acq: 20 Sep 2025 00:03

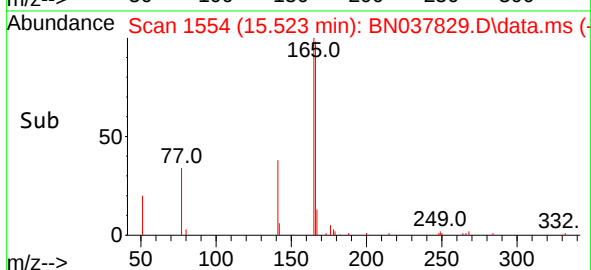
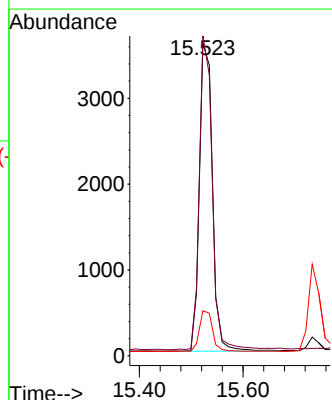
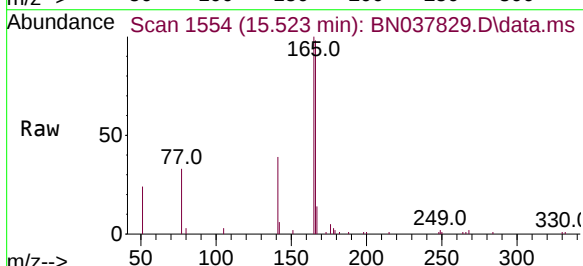
Tgt Ion:166 Resp: 6179

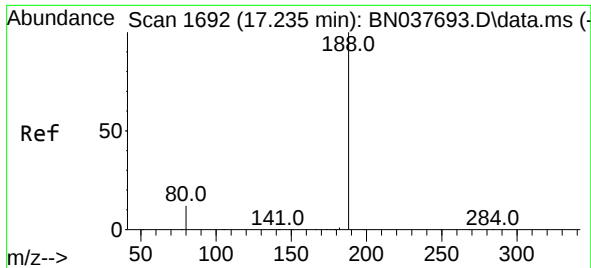
Ion Ratio Lower Upper

166 100

165 98.6 79.6 119.4

167 13.6 10.6 16.0

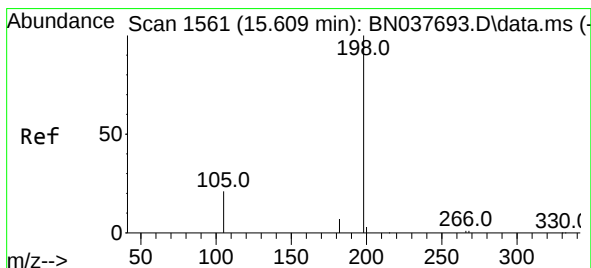
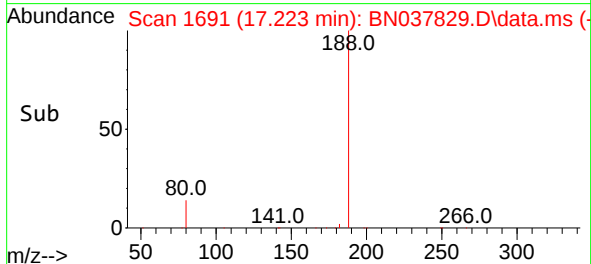
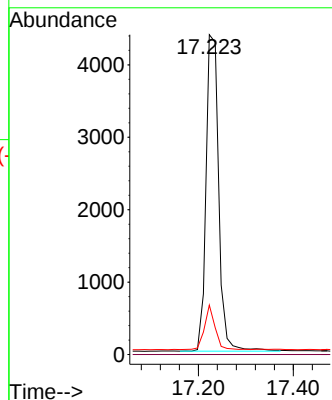
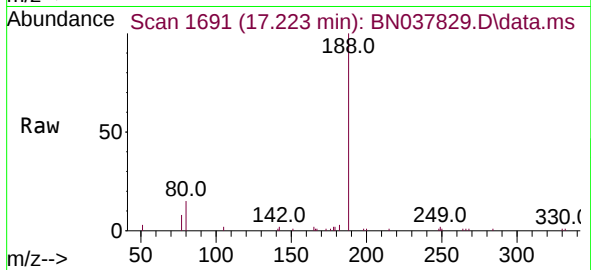




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.223 min Scan# 1692  
Delta R.T. -0.012 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

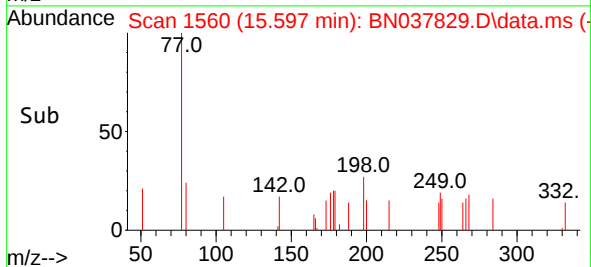
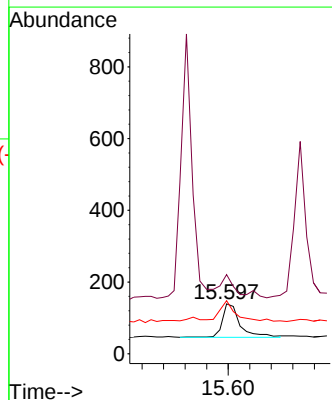
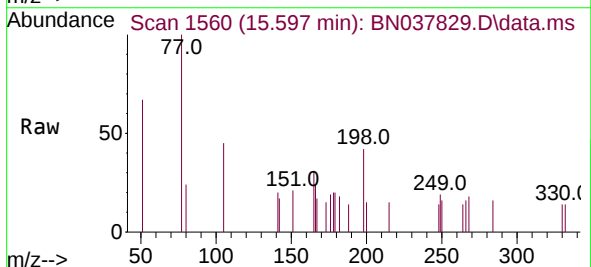
Instrument :  
BNA\_N  
ClientSampleId :  
PB169743BS

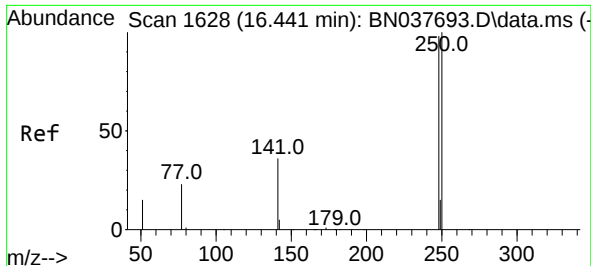
Tgt Ion:188 Resp: 8052  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.5 10.6 15.8



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.286 ng  
RT: 15.597 min Scan# 1560  
Delta R.T. -0.012 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

Tgt Ion:198 Resp: 213  
Ion Ratio Lower Upper  
198 100  
51 159.0 95.1 142.7#  
105 106.5 53.8 80.6#

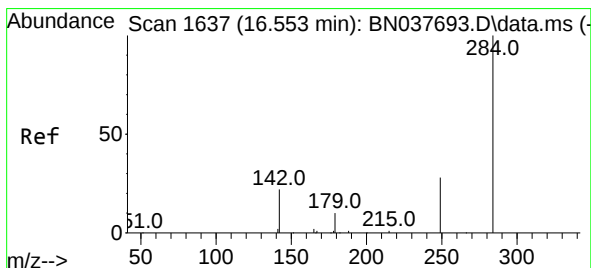
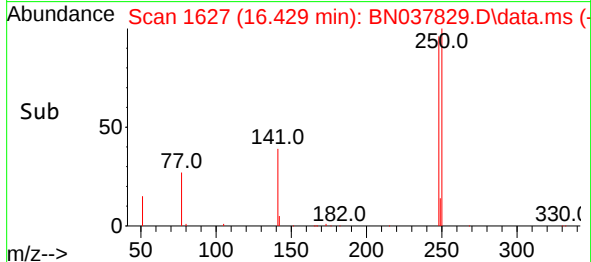
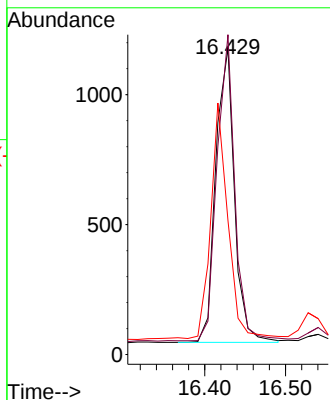
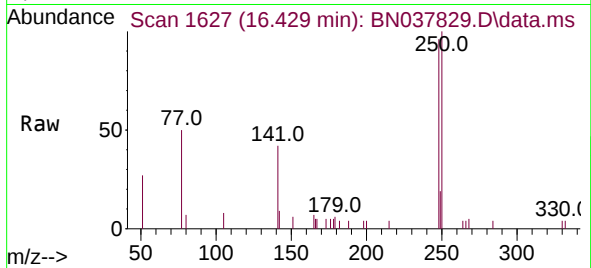




#21  
4-Bromophenyl-phenylether  
Concen: 0.346 ng  
RT: 16.429 min Scan# 1627  
Delta R.T. -0.012 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

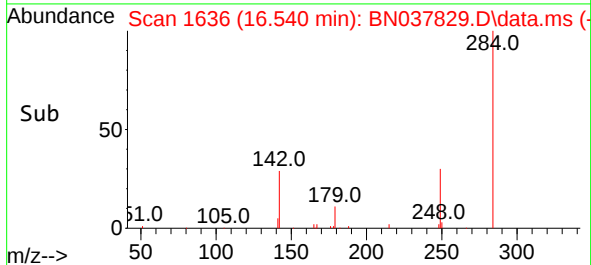
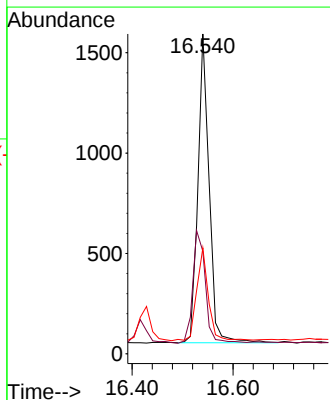
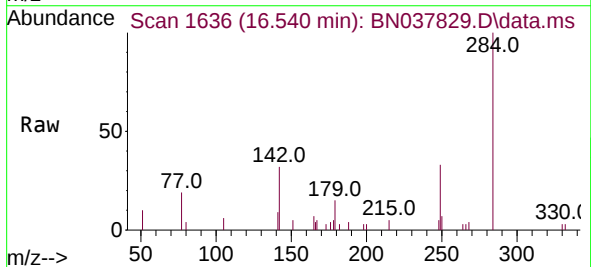
Instrument :  
BNA\_N  
ClientSampleId :  
PB169743BS

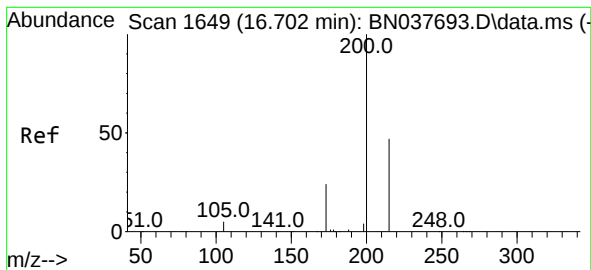
Tgt Ion:248 Resp: 1819  
Ion Ratio Lower Upper  
248 100  
250 104.4 81.5 122.3  
141 43.8 30.8 46.2



#22  
Hexachlorobenzene  
Concen: 0.391 ng  
RT: 16.540 min Scan# 1636  
Delta R.T. -0.012 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

Tgt Ion:284 Resp: 2364  
Ion Ratio Lower Upper  
284 100  
142 41.0 30.9 46.3  
249 31.2 24.8 37.2





#23

Atrazine

Concen: 0.338 ng

RT: 16.689 min Scan# 1648

Delta R.T. -0.012 min

Lab File: BN037829.D

Acq: 20 Sep 2025 00:03

Instrument :

BNA\_N

ClientSampleId :

PB169743BS

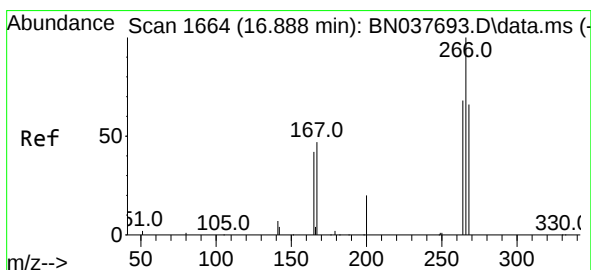
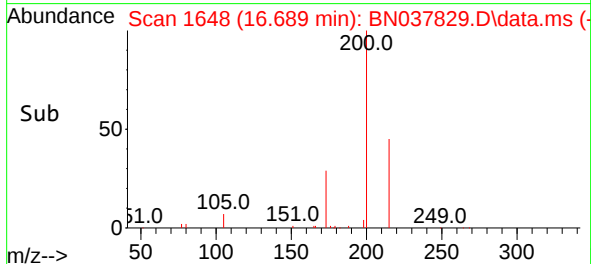
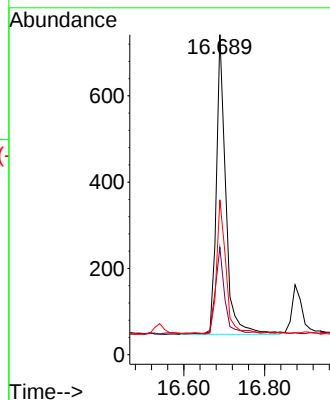
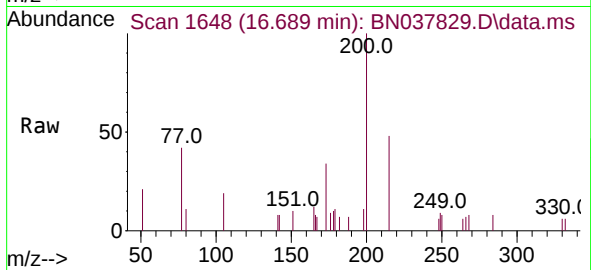
Tgt Ion:200 Resp: 1128

Ion Ratio Lower Upper

200 100

173 33.6 21.4 32.2#

215 48.4 39.2 58.8



#24

Pentachlorophenol

Concen: 0.646 ng

RT: 16.875 min Scan# 1663

Delta R.T. -0.012 min

Lab File: BN037829.D

Acq: 20 Sep 2025 00:03

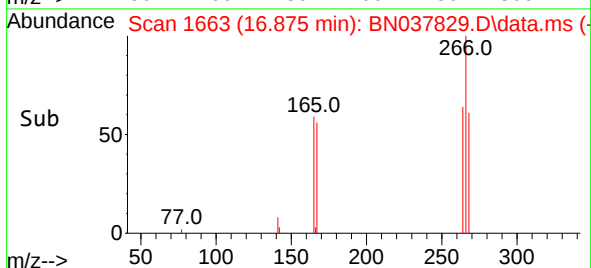
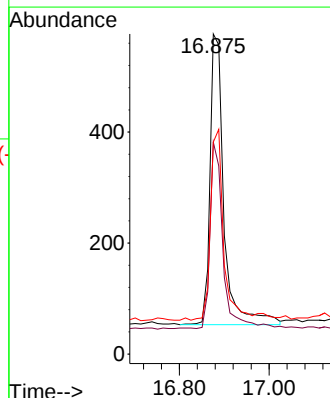
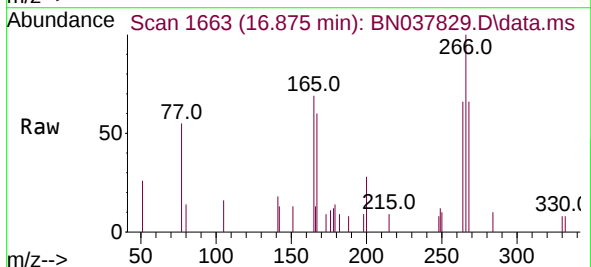
Tgt Ion:266 Resp: 1133

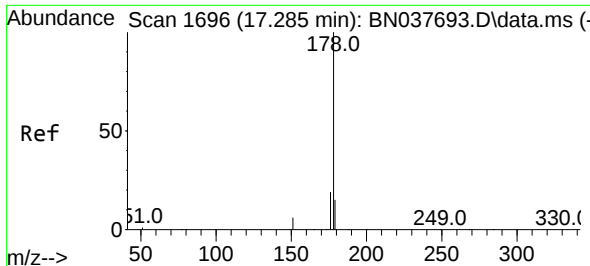
Ion Ratio Lower Upper

266 100

264 59.0 51.6 77.4

268 61.0 53.2 79.8

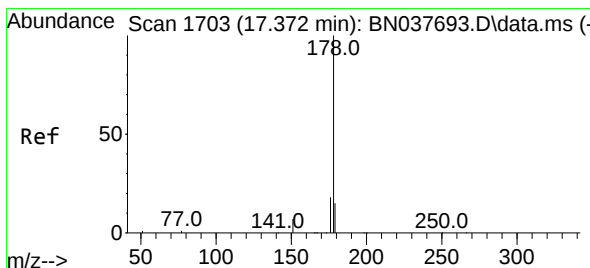
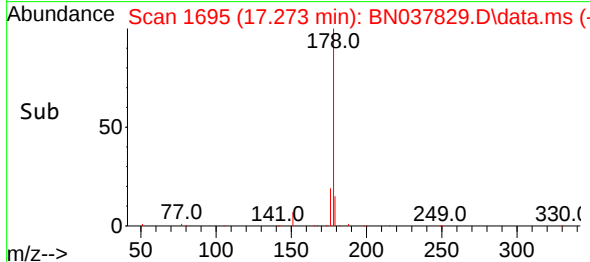
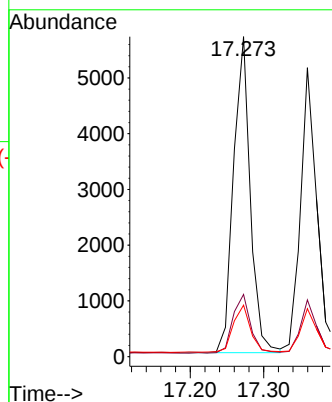
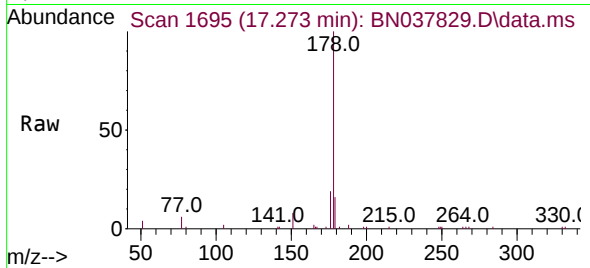




#25  
Phenanthrene  
Concen: 0.356 ng  
RT: 17.273 min Scan# 1695  
Delta R.T. -0.012 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

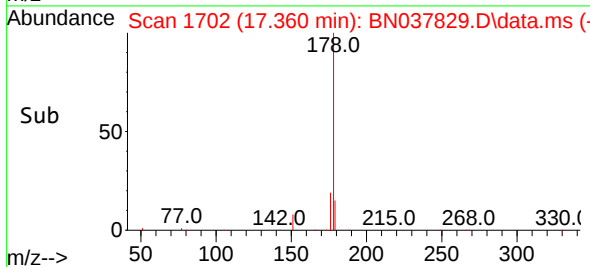
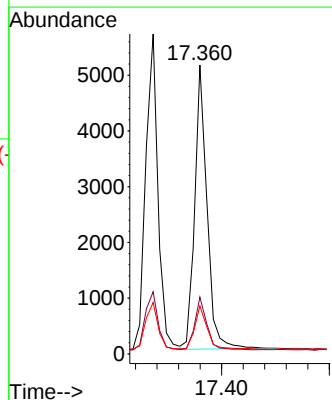
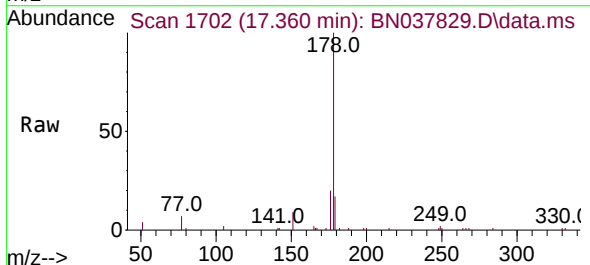
Instrument :  
BNA\_N  
ClientSampleId :  
PB169743BS

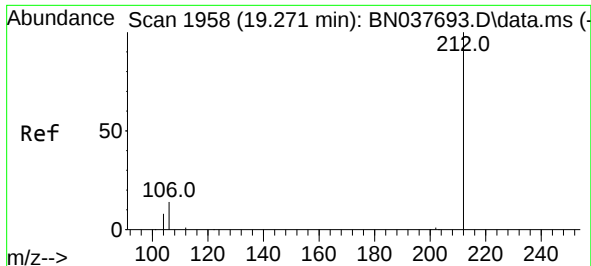
Tgt Ion:178 Resp: 9016  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.3 22.9  
179 15.4 12.2 18.2



#26  
Anthracene  
Concen: 0.359 ng  
RT: 17.360 min Scan# 1702  
Delta R.T. -0.012 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

Tgt Ion:178 Resp: 8056  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.6 22.0  
179 15.7 12.2 18.4

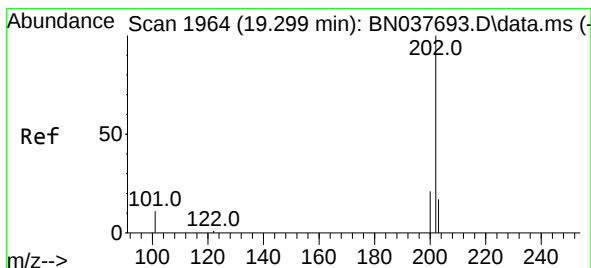
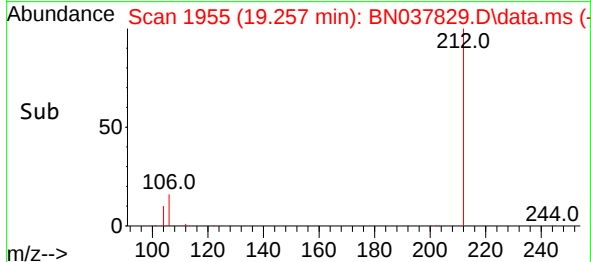
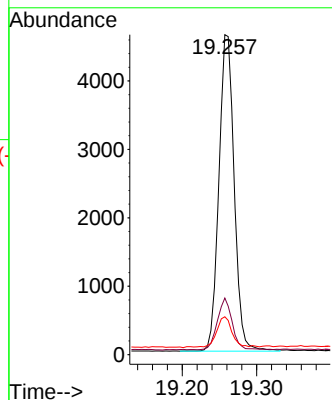
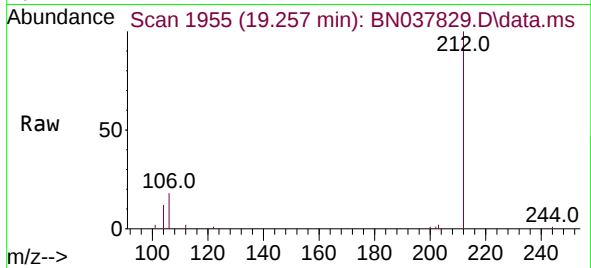




#27  
Fluoranthene-d10  
Concen: 0.327 ng  
RT: 19.257 min Scan# 1955  
Delta R.T. -0.014 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

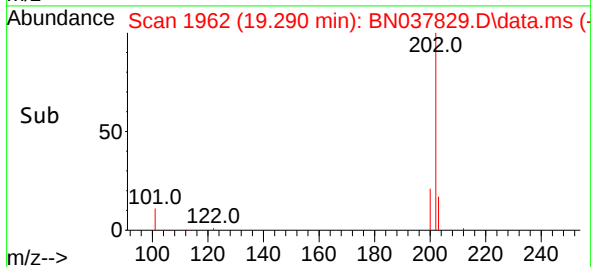
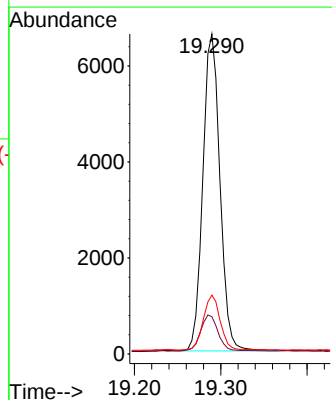
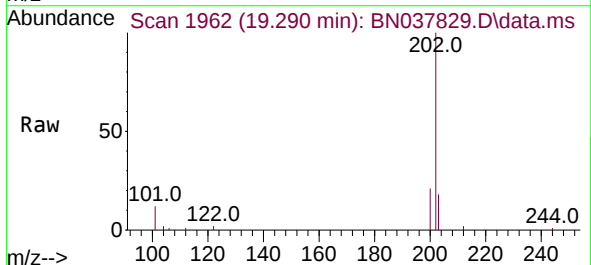
Instrument :  
BNA\_N  
ClientSampleId :  
PB169743BS

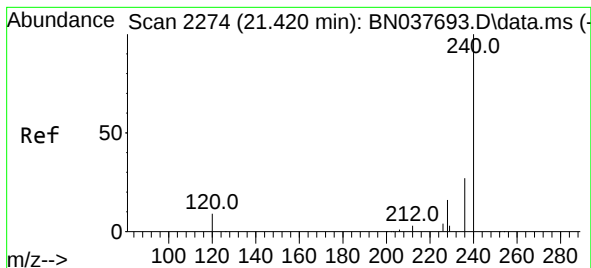
Tgt Ion:212 Resp: 6609  
Ion Ratio Lower Upper  
212 100  
106 15.7 12.2 18.2  
104 9.3 6.9 10.3



#28  
Fluoranthene  
Concen: 0.327 ng  
RT: 19.290 min Scan# 1962  
Delta R.T. -0.009 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

Tgt Ion:202 Resp: 9102  
Ion Ratio Lower Upper  
202 100  
101 11.8 9.3 13.9  
203 17.1 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN037829.D

Acq: 20 Sep 2025 00:03

Instrument :

BNA\_N

ClientSampleId :

PB169743BS

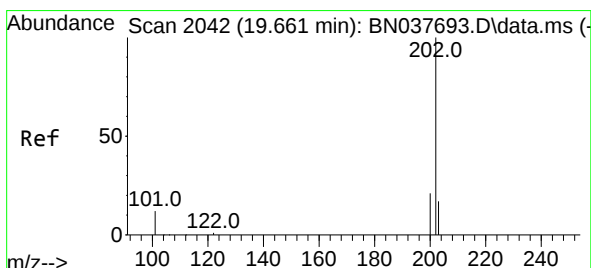
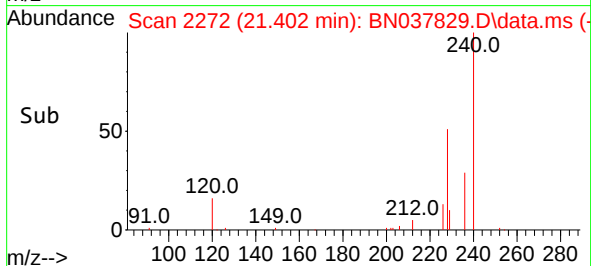
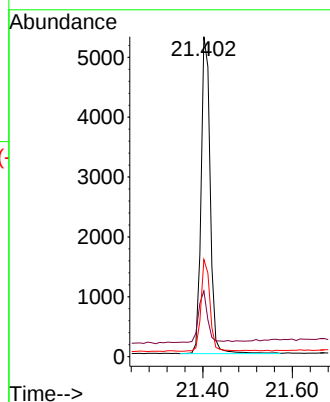
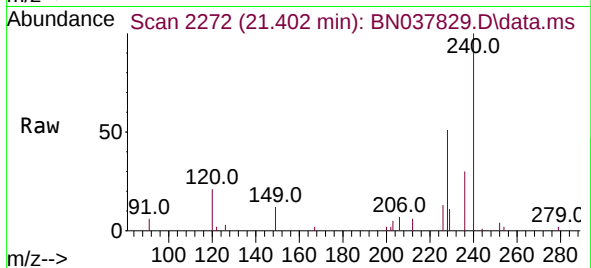
Tgt Ion:240 Resp: 7504

Ion Ratio Lower Upper

240 100

120 20.5 9.2 13.8#

236 30.4 22.6 33.8



#30

Pyrene

Concen: 0.313 ng

RT: 19.652 min Scan# 2040

Delta R.T. -0.009 min

Lab File: BN037829.D

Acq: 20 Sep 2025 00:03

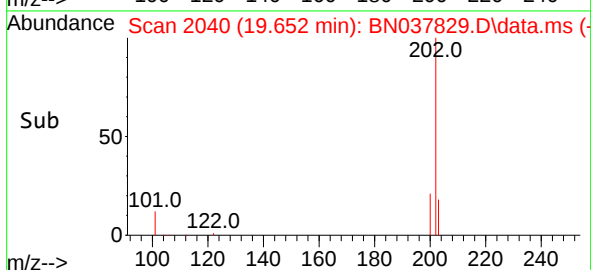
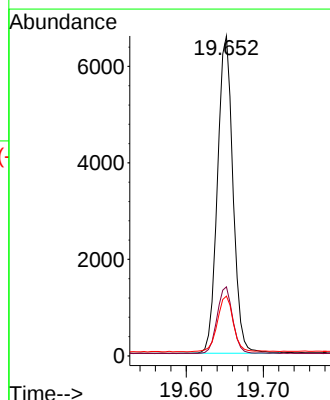
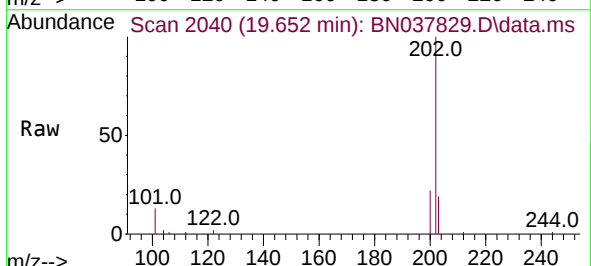
Tgt Ion:202 Resp: 9186

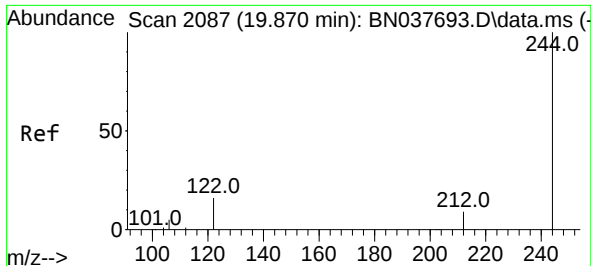
Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

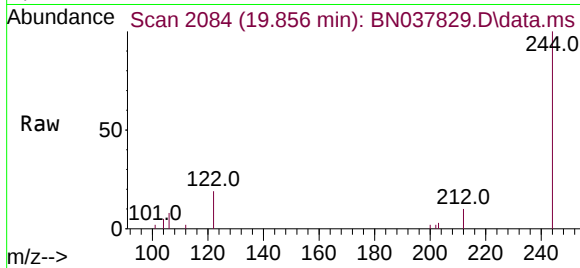
203 17.9 14.3 21.5





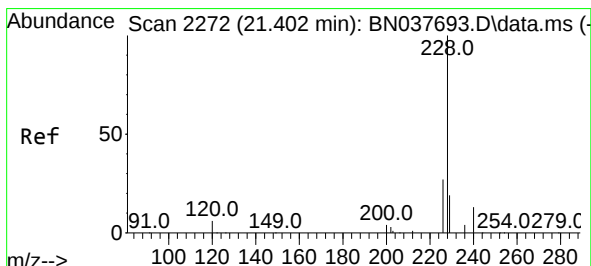
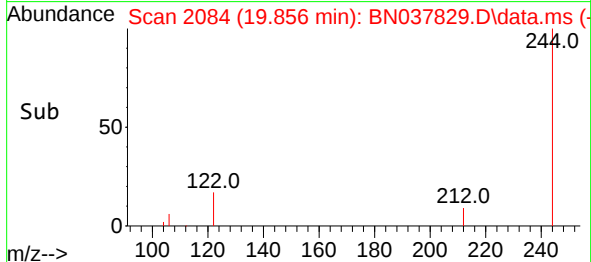
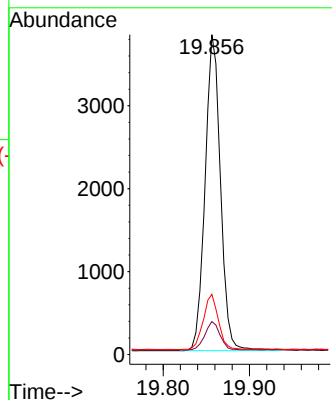
#31  
 Terphenyl-d14  
 Concen: 0.310 ng  
 RT: 19.856 min Scan# 2084  
 Delta R.T. -0.014 min  
 Lab File: BN037829.D  
 Acq: 20 Sep 2025 00:03

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169743BS



Tgt Ion:244 Resp: 4714

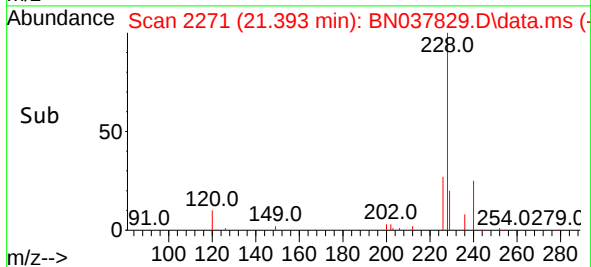
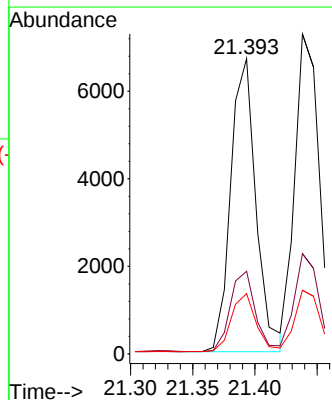
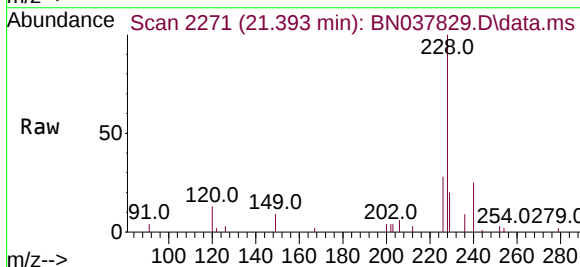
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 10.3  | 7.5   | 11.3  |
| 122 | 18.8  | 13.2  | 19.8  |

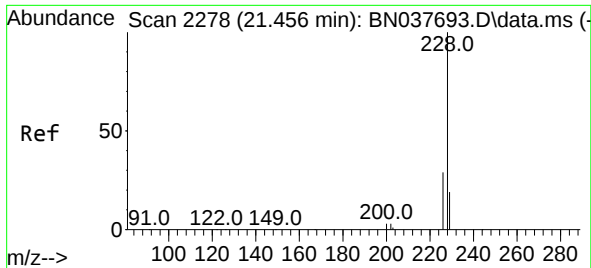


#32  
 Benzo(a)anthracene  
 Concen: 0.362 ng  
 RT: 21.393 min Scan# 2271  
 Delta R.T. -0.009 min  
 Lab File: BN037829.D  
 Acq: 20 Sep 2025 00:03

Tgt Ion:228 Resp: 9473

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.0  | 22.2  | 33.2  |
| 229 | 20.4  | 15.8  | 23.6  |





#33

Chrysene

Concen: 0.363 ng

RT: 21.438 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN037829.D

Acq: 20 Sep 2025 00:03

Instrument :

BNA\_N

ClientSampleId :

PB169743BS

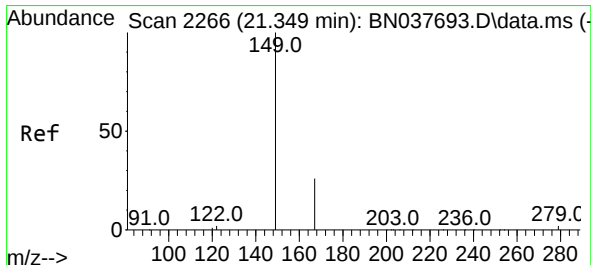
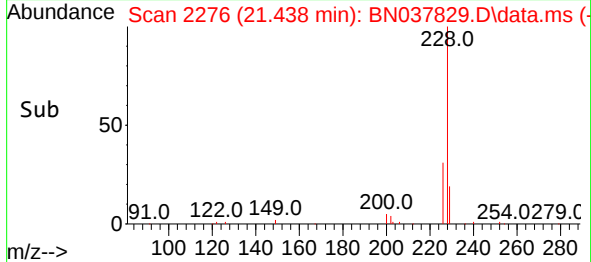
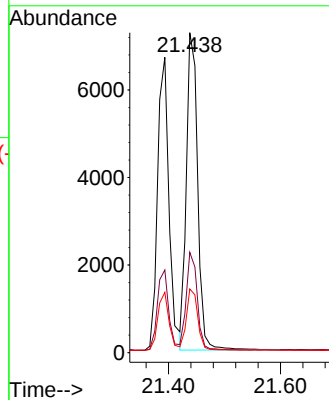
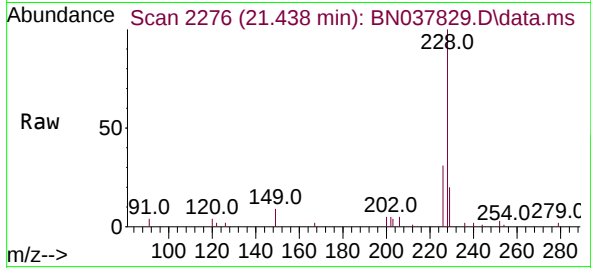
Tgt Ion:228 Resp: 10174

Ion Ratio Lower Upper

228 100

226 31.3 23.5 35.3

229 19.9 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.361 ng

RT: 21.331 min Scan# 2264

Delta R.T. -0.018 min

Lab File: BN037829.D

Acq: 20 Sep 2025 00:03

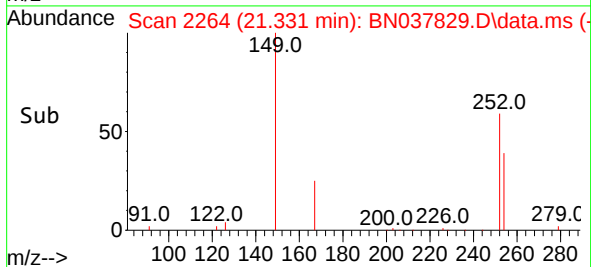
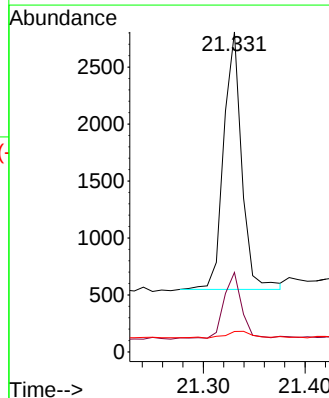
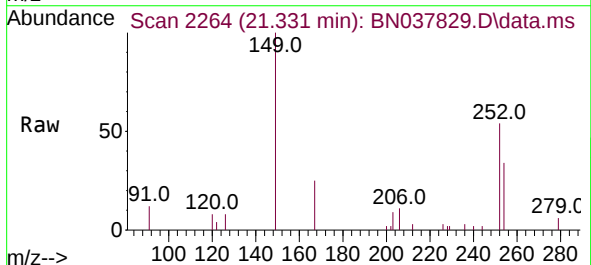
Tgt Ion:149 Resp: 2804

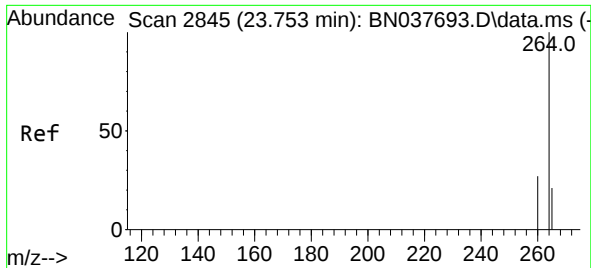
Ion Ratio Lower Upper

149 100

167 24.2 20.8 31.2

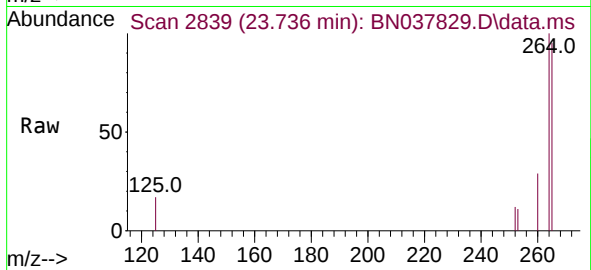
279 3.5 3.3 4.9



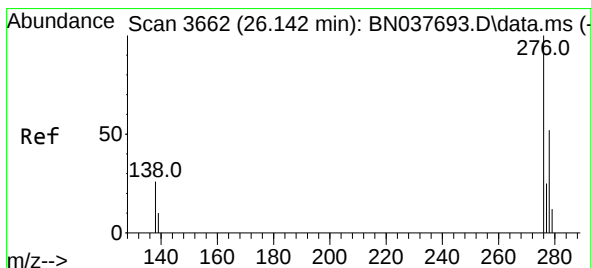
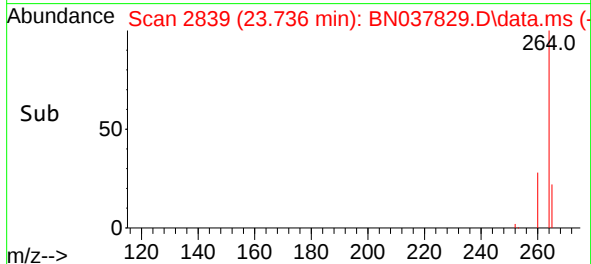
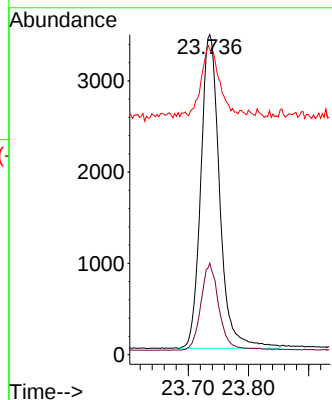


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.736 min Scan# 2845  
Delta R.T. -0.018 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

Instrument :  
BNA\_N  
ClientSampleId :  
PB169743BS

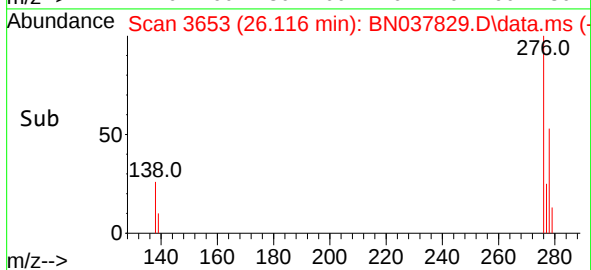
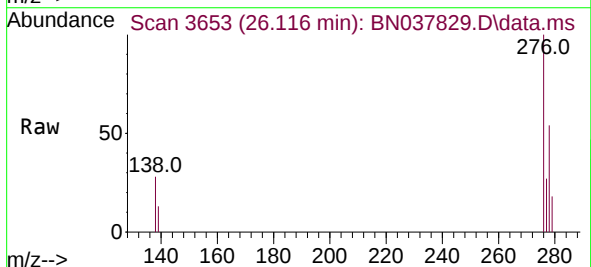
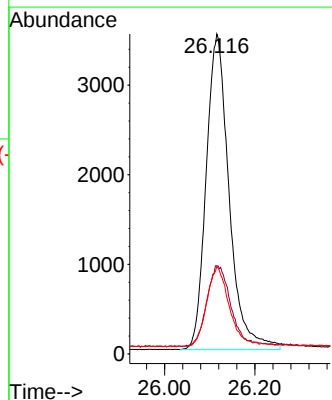


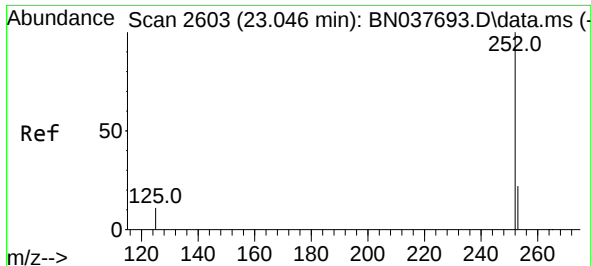
Tgt Ion:264 Resp: 7479  
Ion Ratio Lower Upper  
264 100  
260 28.5 21.8 32.8  
265 95.4 39.4 59.2#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.396 ng  
RT: 26.116 min Scan# 3653  
Delta R.T. -0.026 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

Tgt Ion:276 Resp: 12452  
Ion Ratio Lower Upper  
276 100  
138 26.9 21.9 32.9  
277 24.5 20.1 30.1





#37

Benzo(b)fluoranthene

Concen: 0.384 ng

RT: 23.028 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN037829.D

Acq: 20 Sep 2025 00:03

Instrument :

BNA\_N

ClientSampleId :

PB169743BS

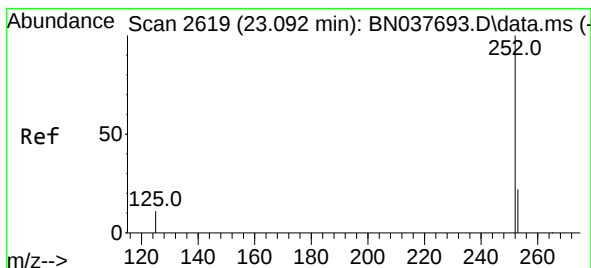
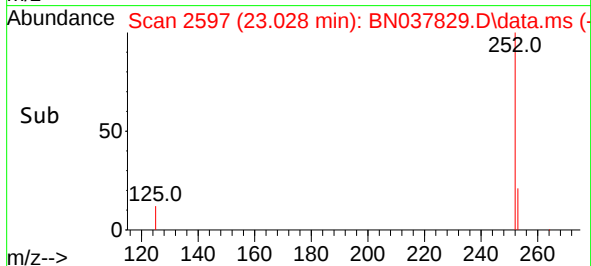
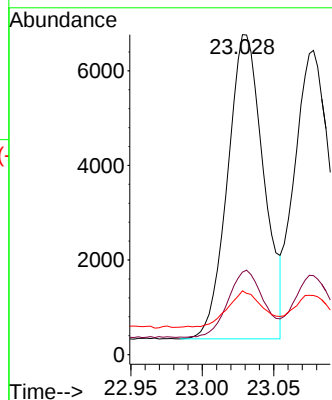
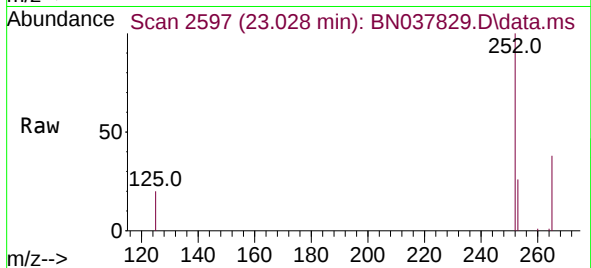
Tgt Ion:252 Resp: 11310

Ion Ratio Lower Upper

252 100

253 25.8 19.4 29.2

125 19.9 11.2 16.8#



#38

Benzo(k)fluoranthene

Concen: 0.368 ng

RT: 23.078 min Scan# 2614

Delta R.T. -0.015 min

Lab File: BN037829.D

Acq: 20 Sep 2025 00:03

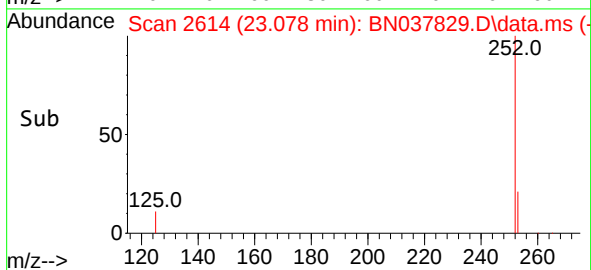
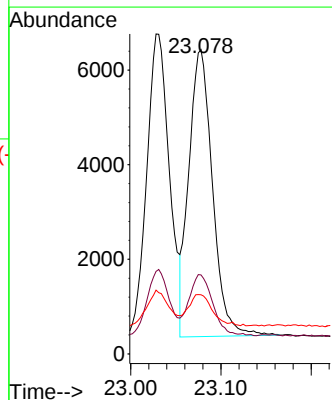
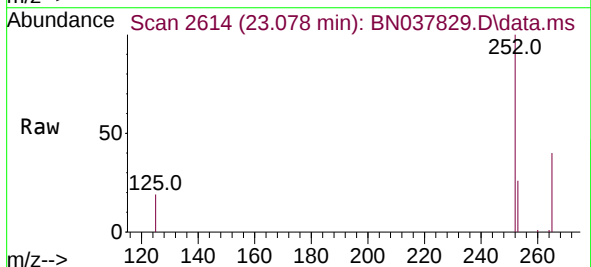
Tgt Ion:252 Resp: 11050

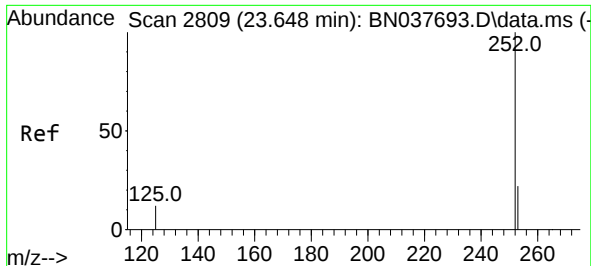
Ion Ratio Lower Upper

252 100

253 26.0 19.4 29.0

125 19.4 11.6 17.4#





#39

Benzo(a)pyrene

Concen: 0.399 ng

RT: 23.633 min Scan# 2804

Delta R.T. -0.015 min

Lab File: BN037829.D

Acq: 20 Sep 2025 00:03

Instrument :

BNA\_N

ClientSampleId :

PB169743BS

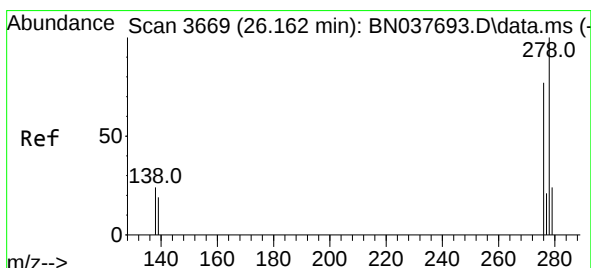
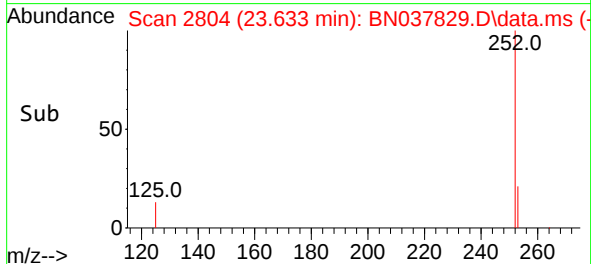
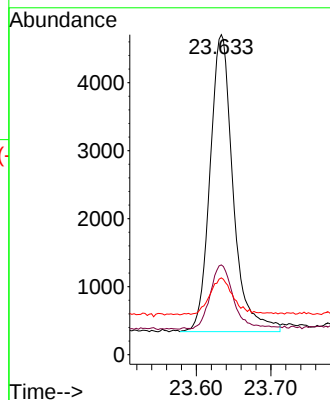
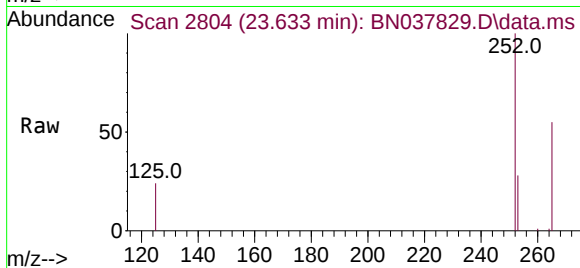
Tgt Ion:252 Resp: 9415

Ion Ratio Lower Upper

252 100

253 28.0 20.8 31.2

125 24.0 13.9 20.9#



#40

Dibenzo(a,h)anthracene

Concen: 0.378 ng

RT: 26.136 min Scan# 3660

Delta R.T. -0.026 min

Lab File: BN037829.D

Acq: 20 Sep 2025 00:03

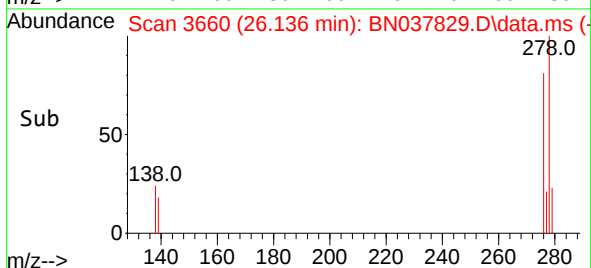
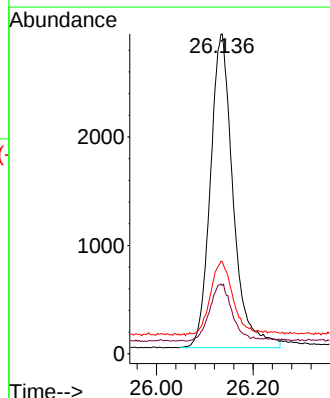
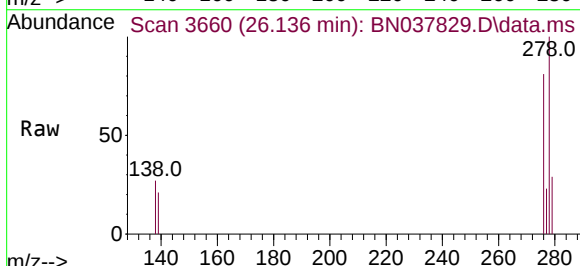
Tgt Ion:278 Resp: 9477

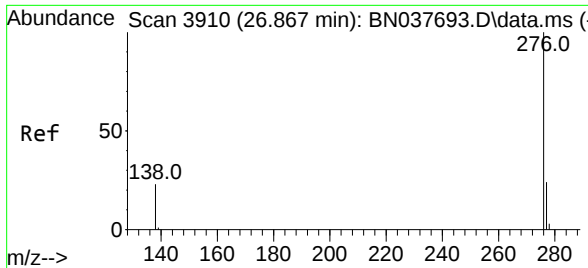
Ion Ratio Lower Upper

278 100

139 21.3 17.8 26.6

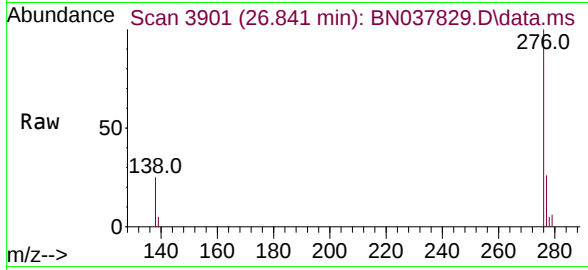
279 28.8 22.0 33.0





#41  
Benzo(g,h,i)perylene  
Concen: 0.387 ng  
RT: 26.841 min Scan# 3910  
Delta R.T. -0.026 min  
Lab File: BN037829.D  
Acq: 20 Sep 2025 00:03

Instrument :  
BNA\_N  
ClientSampleId :  
PB169743BS



Tgt Ion:276 Resp: 10900  
Ion Ratio Lower Upper  
276 100  
277 25.6 20.6 31.0  
138 25.4 20.2 30.2

