

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
 Data File : BN037280.D  
 Acq On : 15 Jun 2025 02:42  
 Operator : RC/JU  
 Sample : PB168476BS  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168476BS

Quant Time: Jun 16 02:47:13 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 13 18:43:34 2025  
 Response via : Initial Calibration

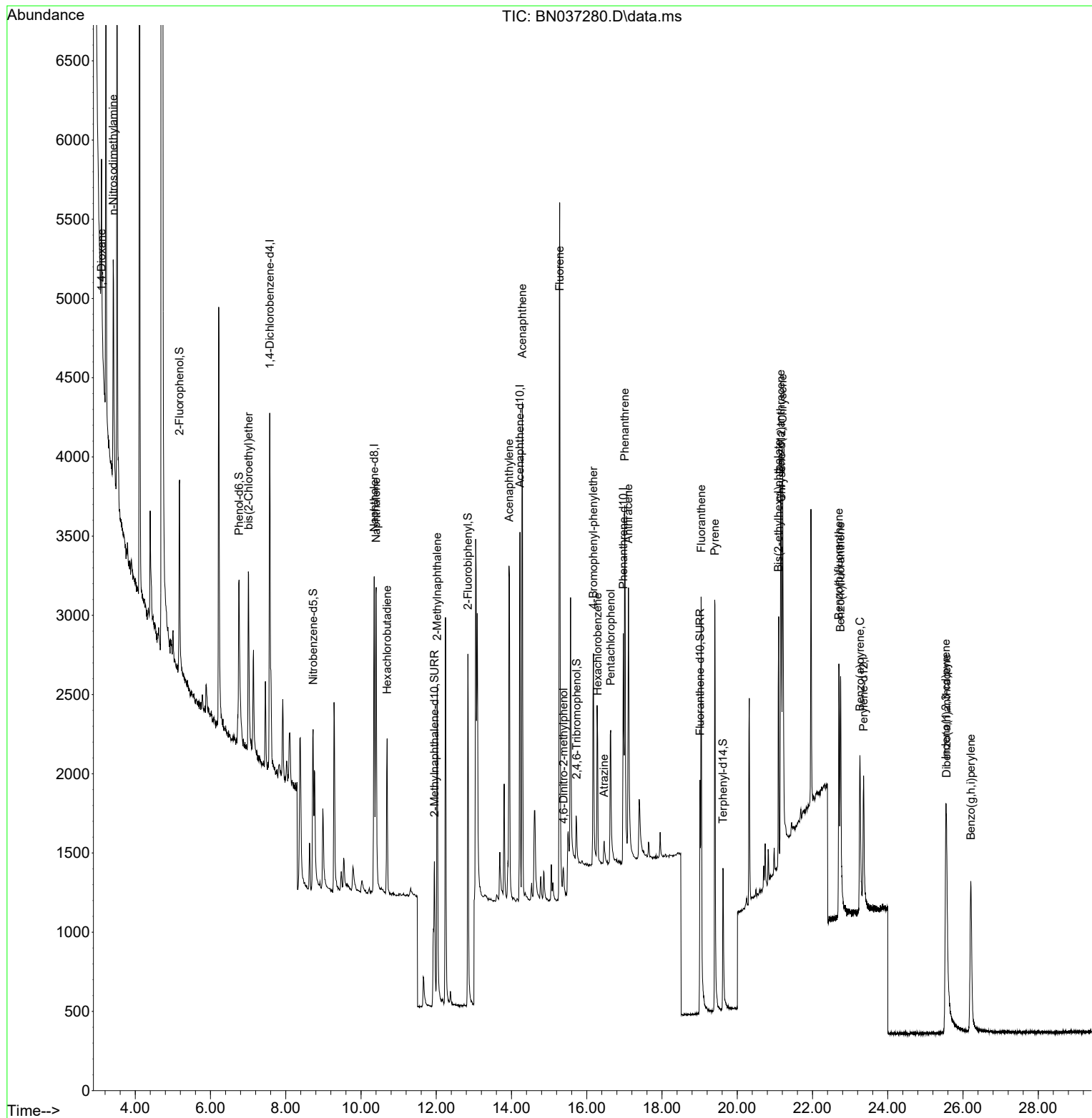
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.575  | 152  | 1101     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.351 | 136  | 2637     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.224 | 164  | 1350     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.971 | 188  | 2251     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.171 | 240  | 1528     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.357 | 264  | 1224     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.177  | 112  | 961      | 0.355 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.759  | 99   | 1013     | 0.355 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.728  | 82   | 979      | 0.376 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.950 | 152  | 2371     | 0.670 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.730 | 330  | 198      | 0.353 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.843 | 172  | 2195     | 0.387 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.012 | 212  | 1999     | 0.339 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.621 | 244  | 1313     | 0.380 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.104  | 88   | 447      | 0.296 | ng    | # 1      |
| 3) n-Nitrosodimethylamine     | 3.415  | 42   | 1294     | 0.376 | ng    | # 99     |
| 6) bis(2-Chloroethyl)ether    | 7.012  | 93   | 958      | 0.375 | ng    | 95       |
| 9) Naphthalene                | 10.404 | 128  | 2899     | 0.380 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.693 | 225  | 744      | 0.401 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.026 | 142  | 1579     | 0.340 | ng    | 98       |
| 16) Acenaphthylene            | 13.935 | 152  | 2642     | 0.399 | ng    | 99       |
| 17) Acenaphthene              | 14.288 | 154  | 1561     | 0.366 | ng    | 98       |
| 18) Fluorene                  | 15.282 | 166  | 1981     | 0.361 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.378 | 198  | 205      | 0.463 | ng    | 87       |
| 21) 4-Bromophenyl-phenylether | 16.177 | 248  | 566      | 0.386 | ng    | 89       |
| 22) Hexachlorobenzene         | 16.289 | 284  | 682      | 0.401 | ng    | 98       |
| 23) Atrazine                  | 16.463 | 200  | 212      | 0.162 | ng    | # 81     |
| 24) Pentachlorophenol         | 16.636 | 266  | 600      | 0.720 | ng    | 97       |
| 25) Phenanthrene              | 17.009 | 178  | 2688     | 0.377 | ng    | 99       |
| 26) Anthracene                | 17.108 | 178  | 2516     | 0.385 | ng    | 98       |
| 28) Fluoranthene              | 19.040 | 202  | 2829     | 0.339 | ng    | 99       |
| 30) Pyrene                    | 19.403 | 202  | 2773     | 0.386 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.153 | 228  | 1878     | 0.364 | ng    | 99       |
| 33) Chrysene                  | 21.207 | 228  | 2594     | 0.404 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149  | 1471     | 0.383 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.547 | 276  | 2405     | 0.487 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 22.702 | 252  | 2018     | 0.451 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 22.746 | 252  | 2286     | 0.442 | ng    | 96       |
| 39) Benzo(a)pyrene            | 23.260 | 252  | 1793     | 0.445 | ng    | 94       |
| 40) Dibenzo(a,h)anthracene    | 25.561 | 278  | 1876     | 0.500 | ng    | 95       |
| 41) Benzo(g,h,i)perylene      | 26.210 | 276  | 2136     | 0.467 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

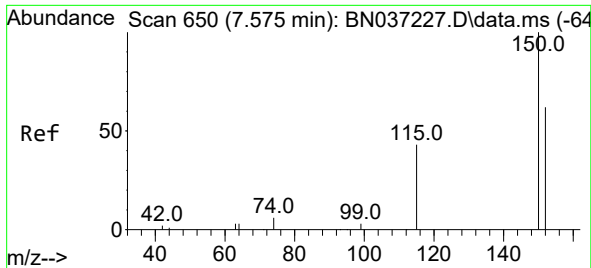
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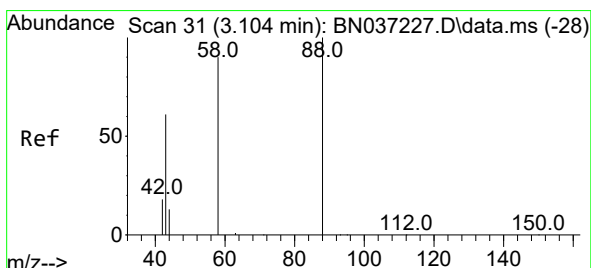
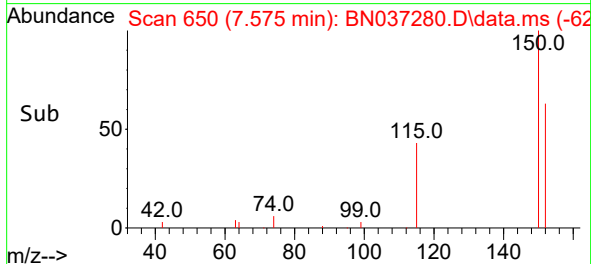
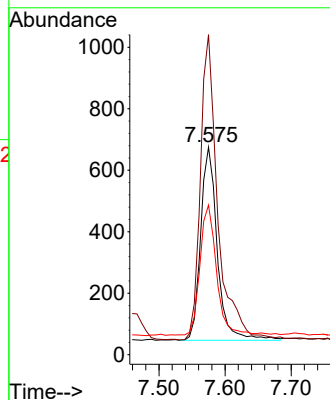
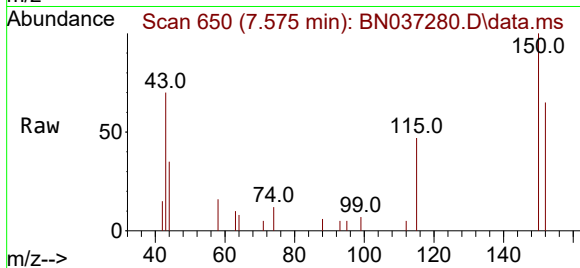




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.575 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN037280.D  
 Acq: 15 Jun 2025 02:42

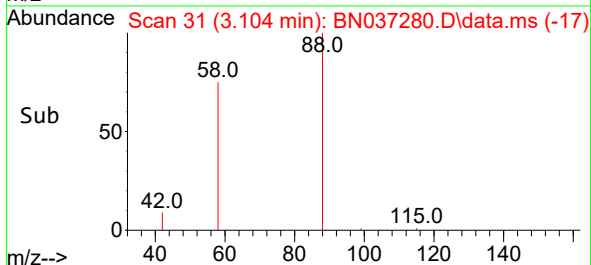
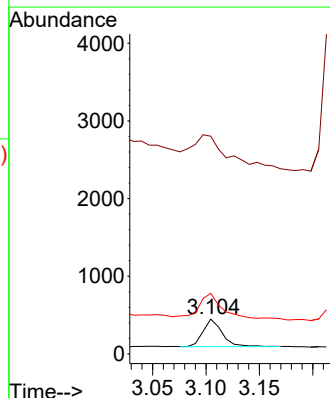
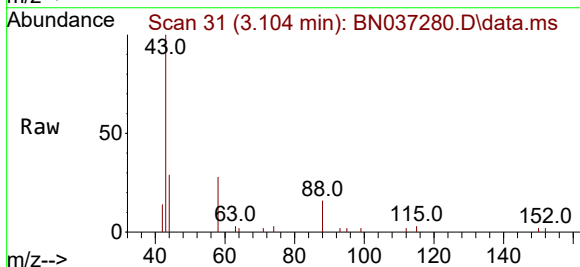
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168476BS

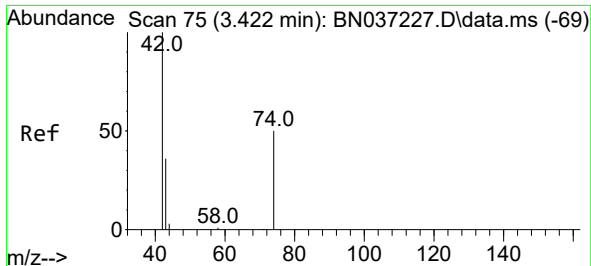
Tgt Ion:152 Resp: 1101  
 Ion Ratio Lower Upper  
 152 100  
 150 154.2 125.2 187.8  
 115 72.1 58.4 87.6



#2  
 1,4-Dioxane  
 Concen: 0.296 ng  
 RT: 3.104 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BN037280.D  
 Acq: 15 Jun 2025 02:42

Tgt Ion: 88 Resp: 447  
 Ion Ratio Lower Upper  
 88 100  
 43 243.8 52.6 79.0#  
 58 133.8 73.5 110.3#

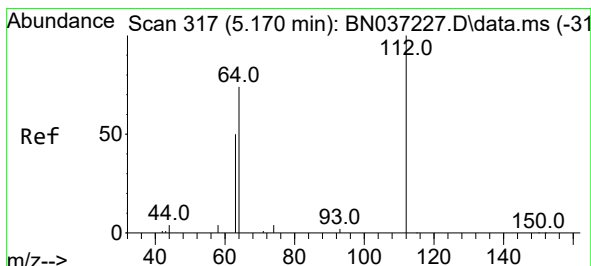
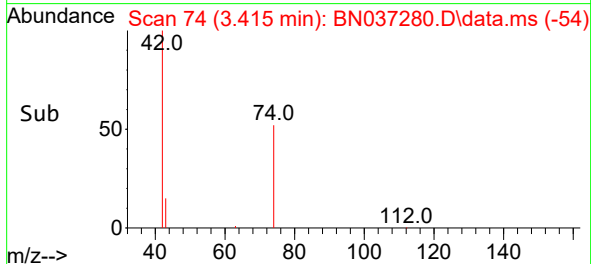
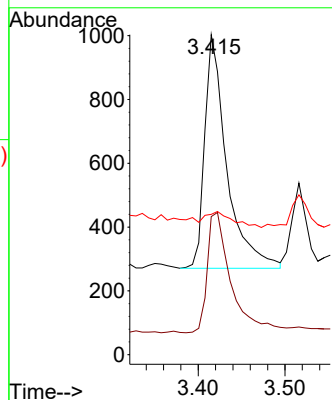
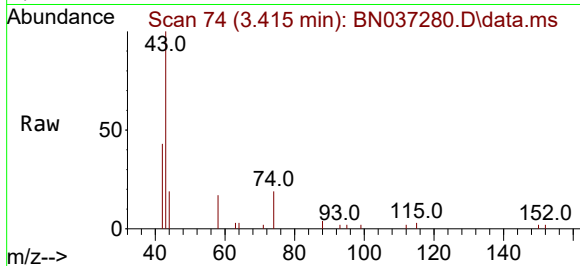




#3  
n-Nitrosodimethylamine  
Concen: 0.376 ng  
RT: 3.415 min Scan# 74  
Delta R.T. -0.007 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

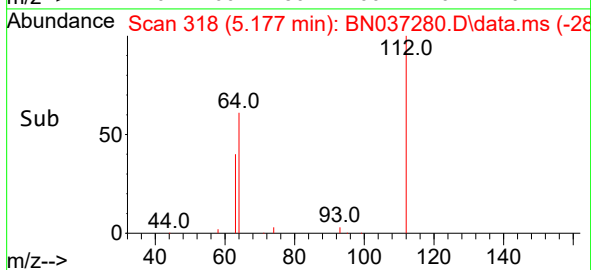
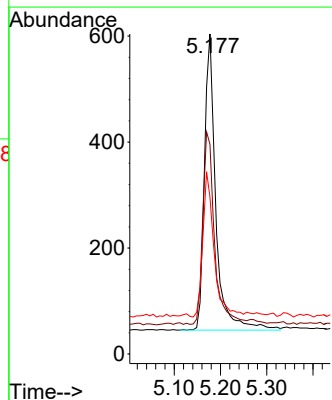
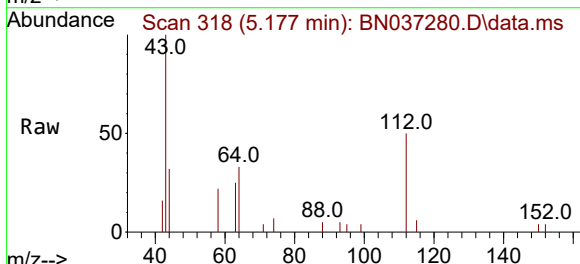
Instrument :  
BNA\_N  
ClientSampleId :  
PB168476BS

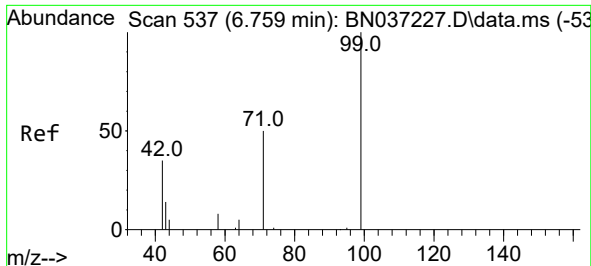
Tgt Ion: 42 Resp: 1294  
Ion Ratio Lower Upper  
42 100  
74 55.5 44.6 66.8  
44 8.1 3.5 5.3#



#4  
2-Fluorophenol  
Concen: 0.355 ng  
RT: 5.177 min Scan# 318  
Delta R.T. 0.007 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

Tgt Ion: 112 Resp: 961  
Ion Ratio Lower Upper  
112 100  
64 66.6 57.2 85.8  
63 48.0 39.8 59.6

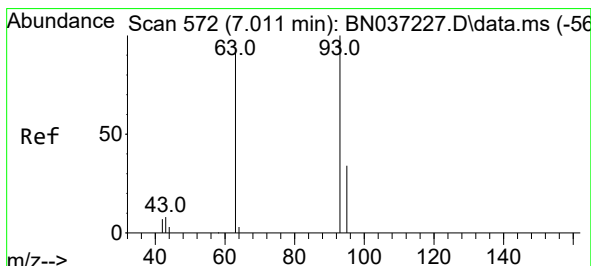
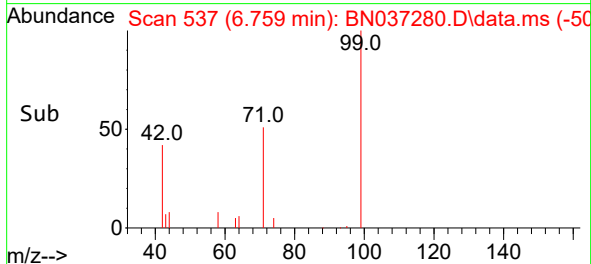
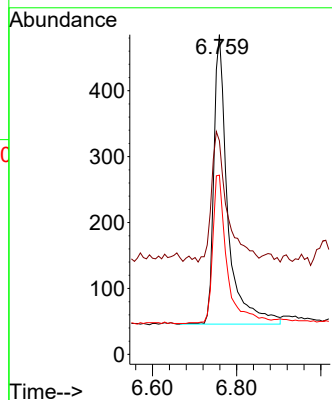
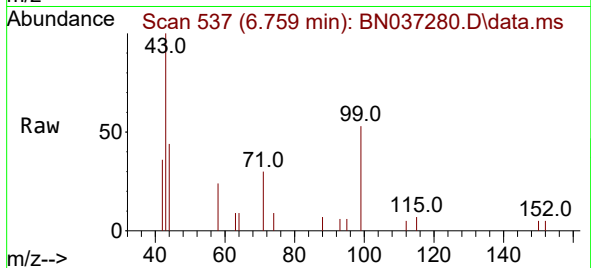




#5  
Phenol-d6  
Concen: 0.355 ng  
RT: 6.759 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

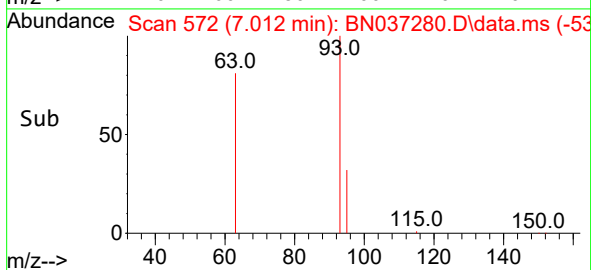
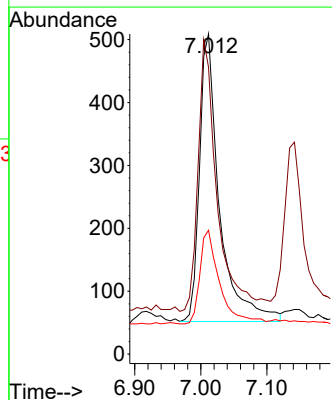
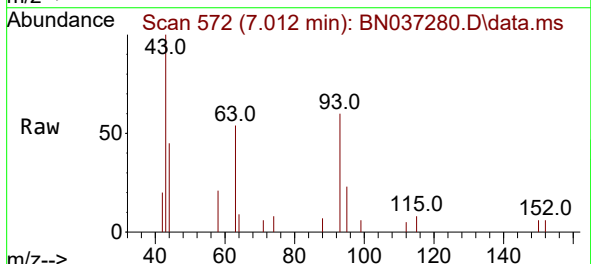
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BNA\_N  
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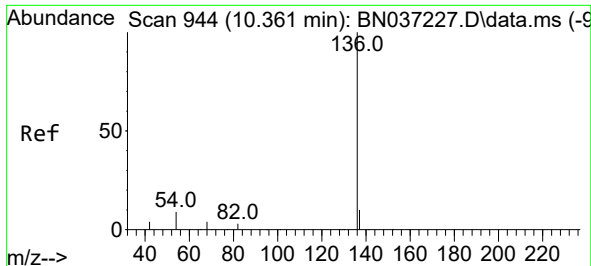
Tgt Ion: 99 Resp: 1013  
Ion Ratio Lower Upper  
99 100  
42 50.8 36.2 54.4  
71 52.3 42.4 63.6



#6  
bis(2-Chloroethyl)ether  
Concen: 0.375 ng  
RT: 7.012 min Scan# 572  
Delta R.T. 0.000 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

Tgt Ion: 93 Resp: 958  
Ion Ratio Lower Upper  
93 100  
63 89.5 75.2 112.8  
95 32.3 28.3 42.5

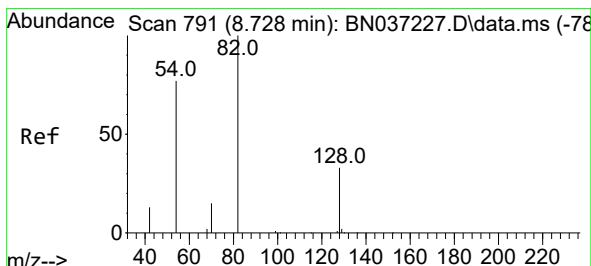
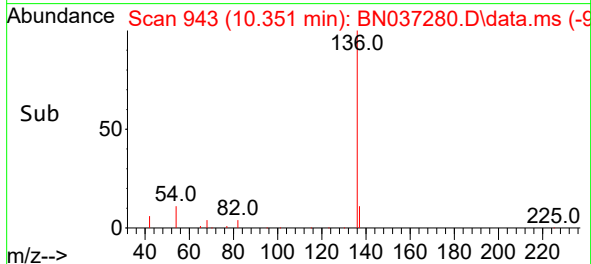
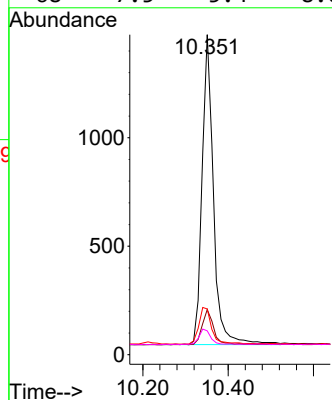
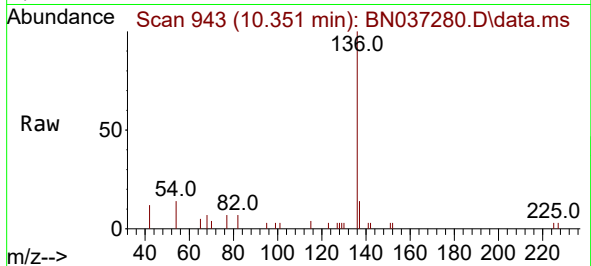




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.351 min Scan# 944  
Delta R.T. -0.010 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

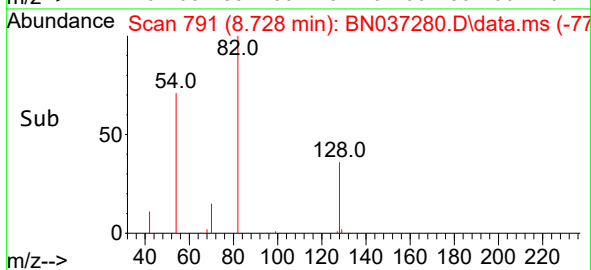
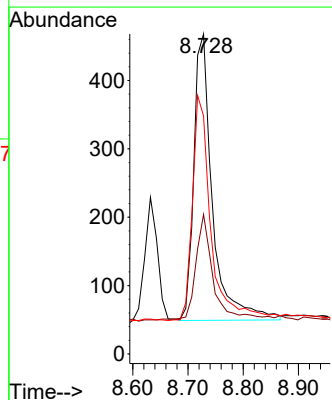
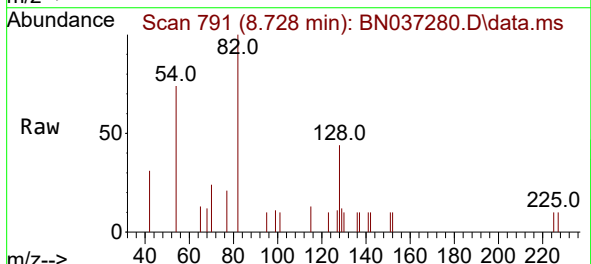
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PB168476BS

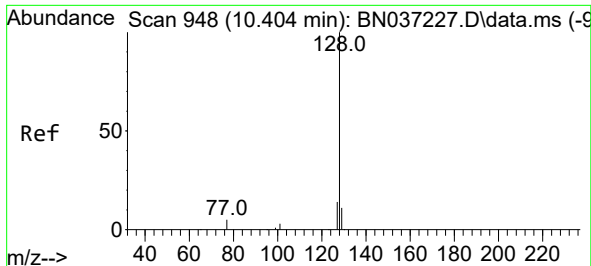
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2637  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 14.1  | 10.6  | 15.8  |
| 54       | 14.3  | 9.2   | 13.8  |
| 68       | 7.5   | 5.4   | 8.0   |



#8  
Nitrobenzene-d5  
Concen: 0.376 ng  
RT: 8.728 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 979   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 43.6  | 31.2  | 46.8  |
| 54       | 74.4  | 63.3  | 94.9  |

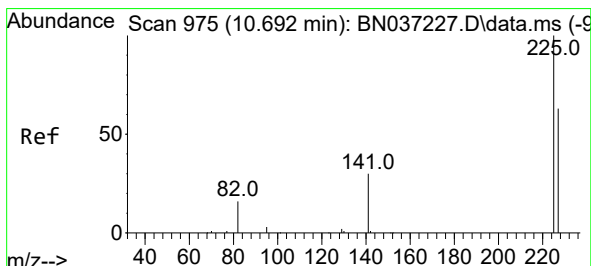
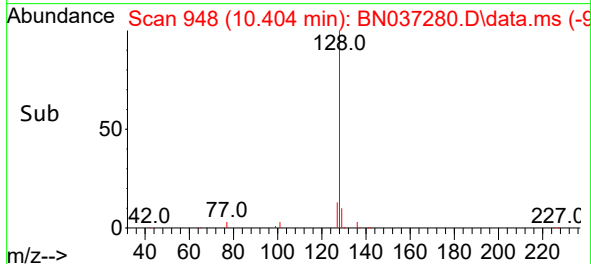
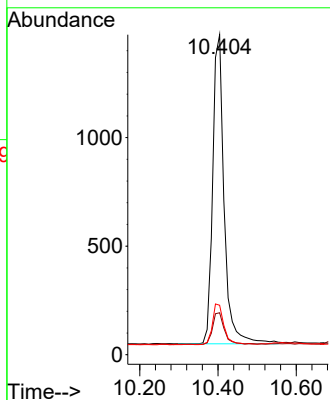
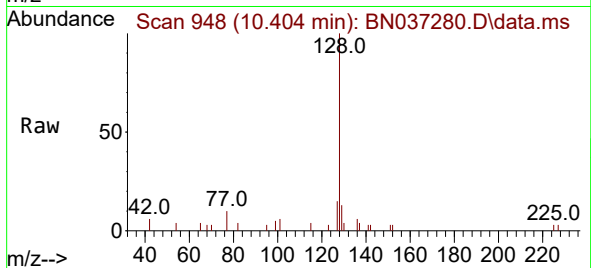




#9  
Naphthalene  
Concen: 0.380 ng  
RT: 10.404 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

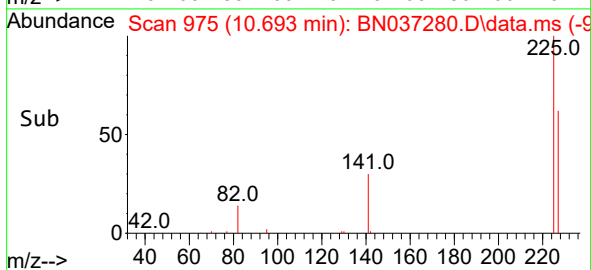
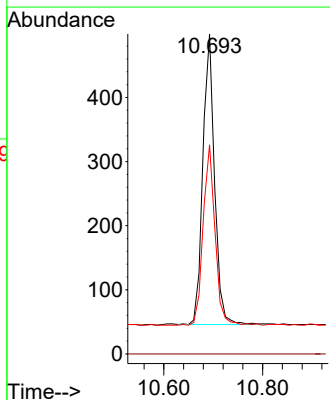
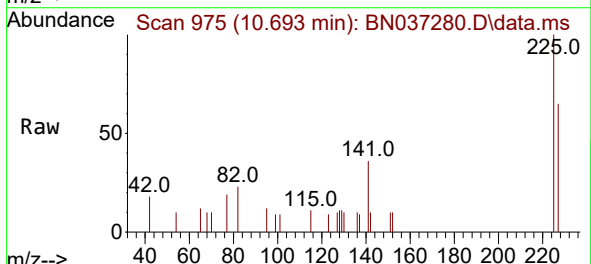
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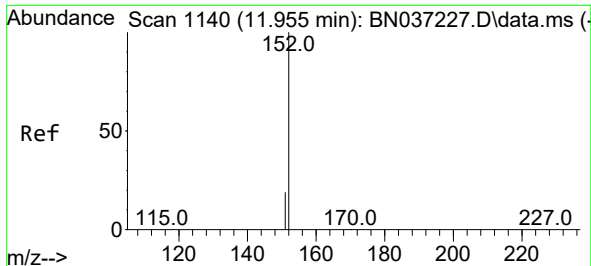
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|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 2899 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 13.1  | 10.7  | 16.1 |
| 127       | 15.5  | 12.6  | 19.0 |



#10  
Hexachlorobutadiene  
Concen: 0.401 ng  
RT: 10.693 min Scan# 975  
Delta R.T. 0.000 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 744  |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 63.2  | 49.2  | 73.8 |





#11

2-Methylnaphthalene-d10

Concen: 0.670 ng

RT: 11.950 min Scan# 1139

Delta R.T. -0.005 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

Instrument :

BNA\_N

ClientSampleId :

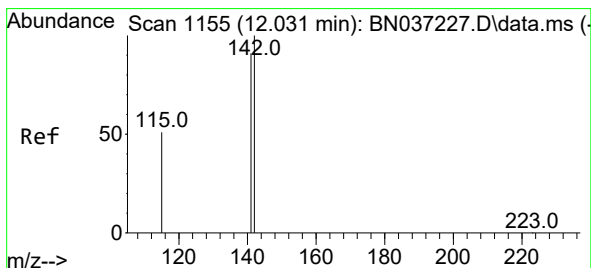
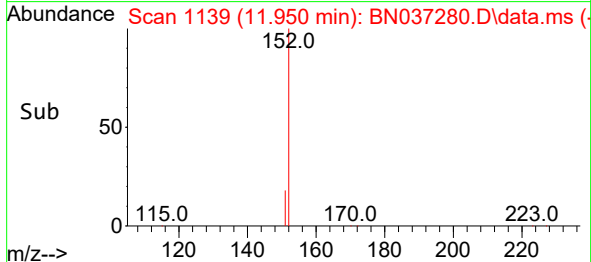
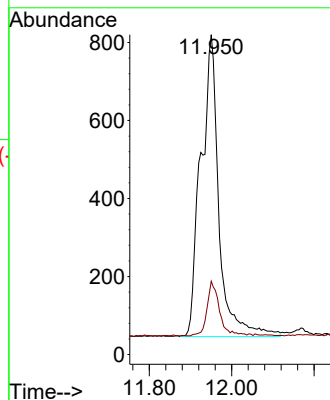
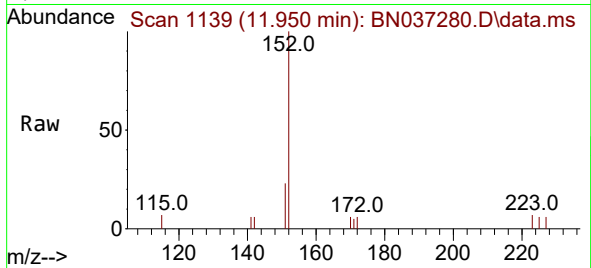
PB168476BS

Tgt Ion:152 Resp: 2371

Ion Ratio Lower Upper

152 100

151 12.3 17.9 26.9#



#12

2-Methylnaphthalene

Concen: 0.340 ng

RT: 12.026 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

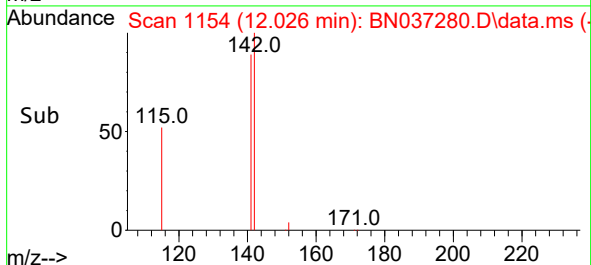
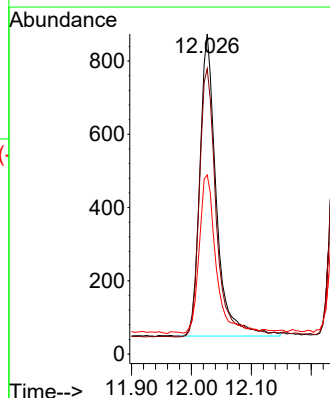
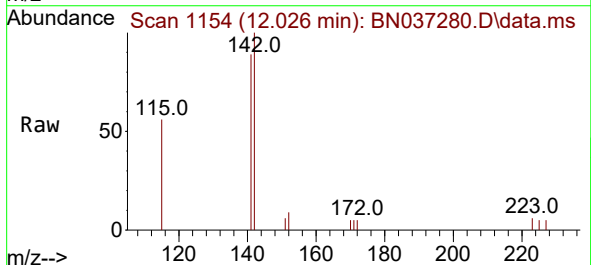
Tgt Ion:142 Resp: 1579

Ion Ratio Lower Upper

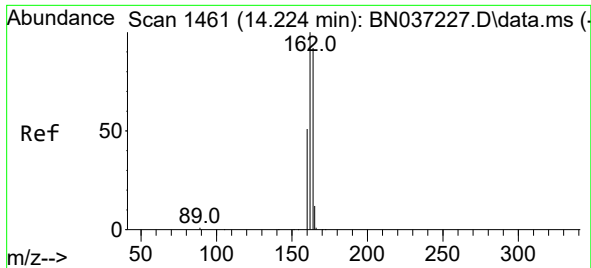
142 100

141 89.1 73.0 109.6

115 55.9 43.3 64.9



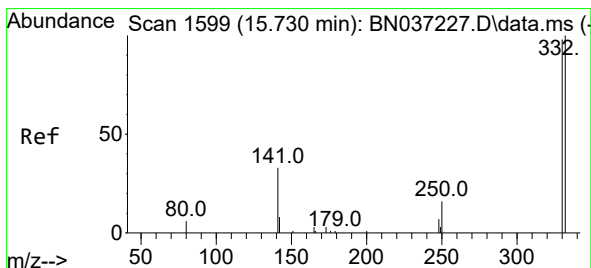
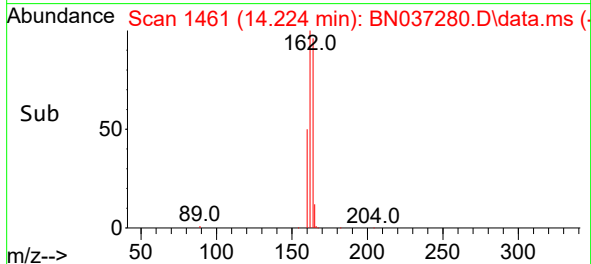
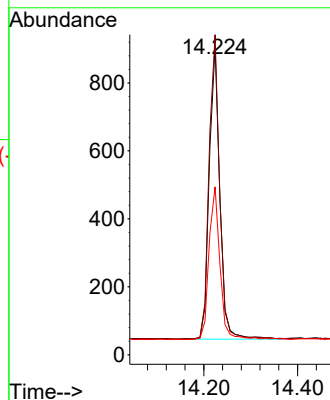
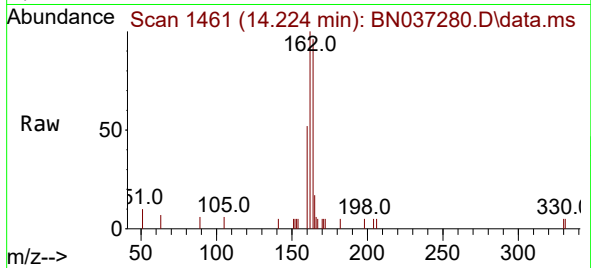




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.224 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

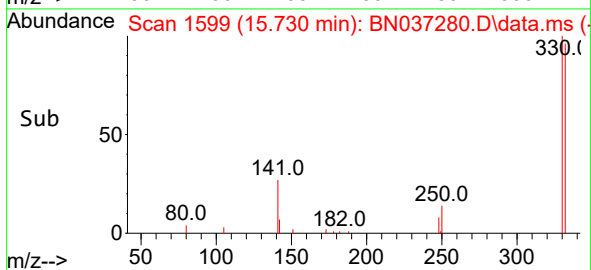
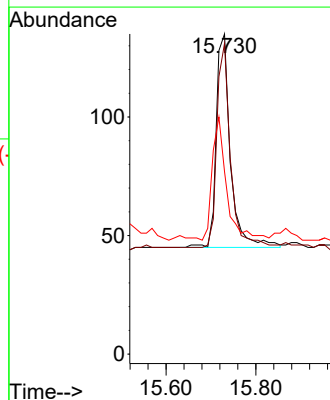
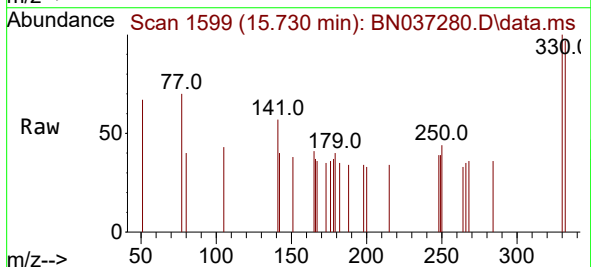
Instrument :  
BNA\_N  
ClientSampleId :  
PB168476BS

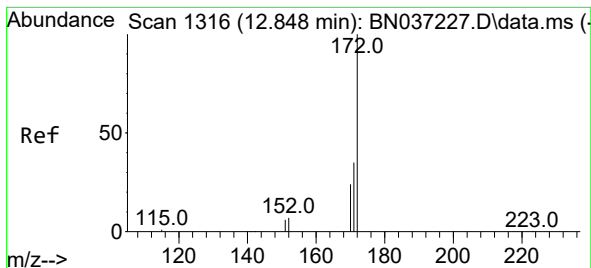
Tgt Ion:164 Resp: 1350  
Ion Ratio Lower Upper  
164 100  
162 103.9 86.7 130.1  
160 54.5 45.8 68.6



#14  
2,4,6-Tribromophenol  
Concen: 0.353 ng  
RT: 15.730 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

Tgt Ion:330 Resp: 198  
Ion Ratio Lower Upper  
330 100  
332 90.9 74.9 112.3  
141 53.5 45.1 67.7





#15

2-Fluorobiphenyl

Concen: 0.387 ng

RT: 12.843 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

Instrument :

BNA\_N

ClientSampleId :

PB168476BS

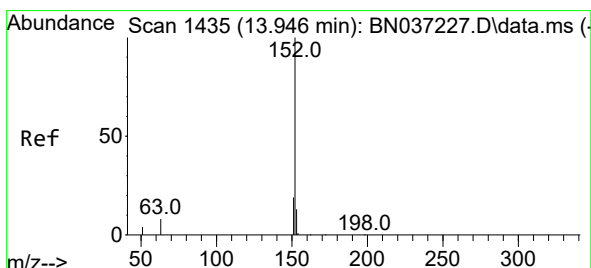
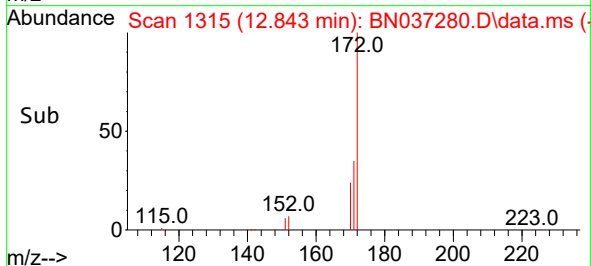
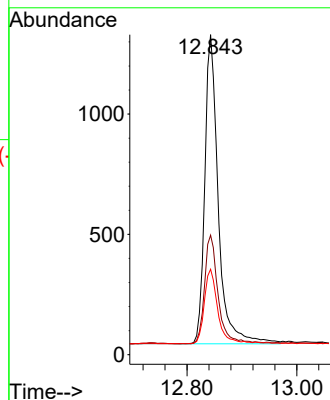
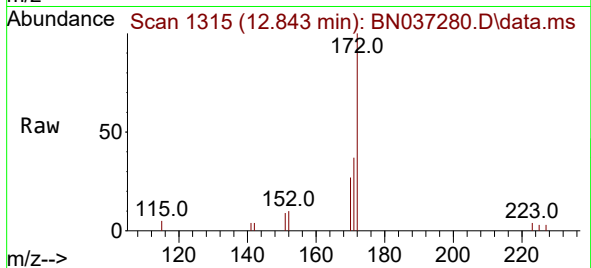
Tgt Ion:172 Resp: 2195

Ion Ratio Lower Upper

172 100

171 37.4 29.8 44.8

170 26.7 21.1 31.7



#16

Acenaphthylene

Concen: 0.399 ng

RT: 13.935 min Scan# 1434

Delta R.T. -0.010 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

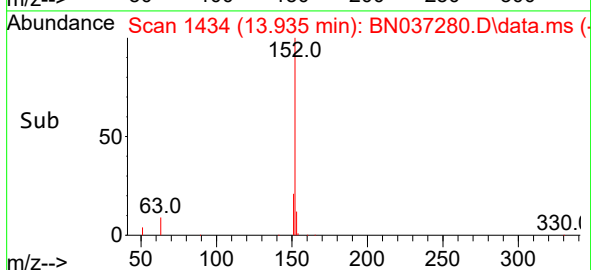
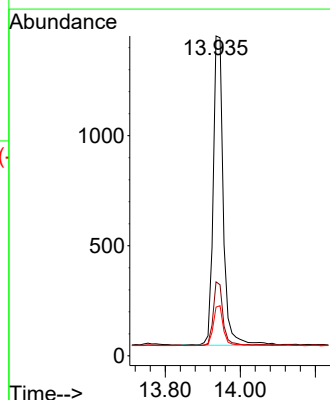
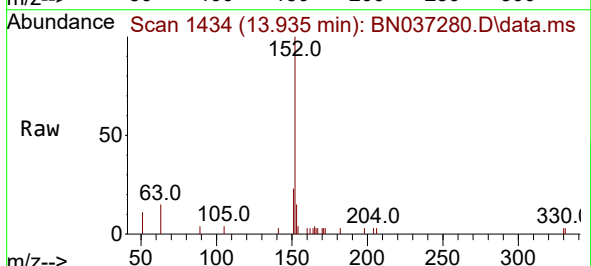
Tgt Ion:152 Resp: 2642

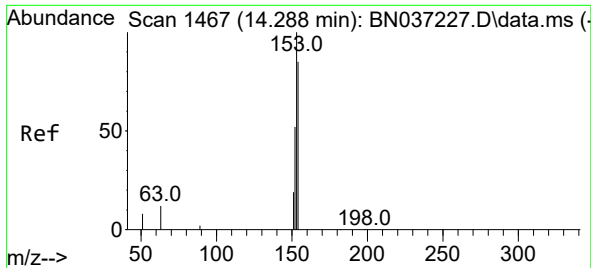
Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

153 12.8 10.7 16.1

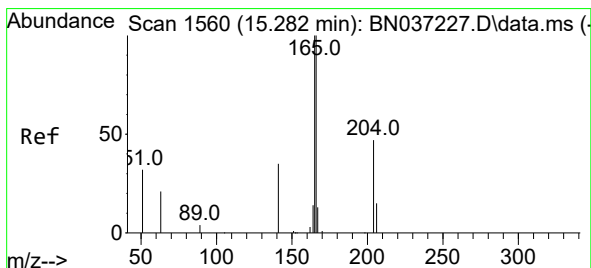
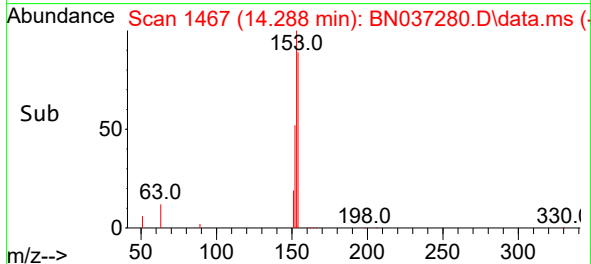
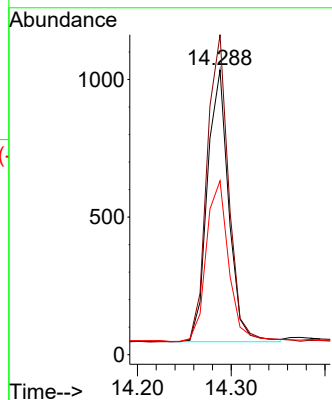
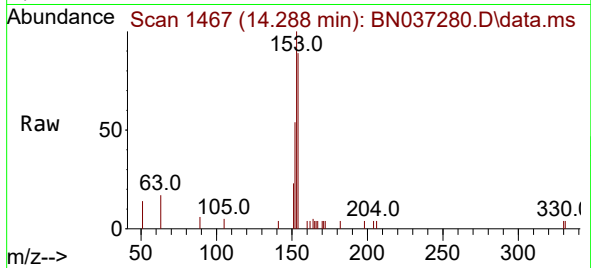




#17  
Acenaphthene  
Concen: 0.366 ng  
RT: 14.288 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

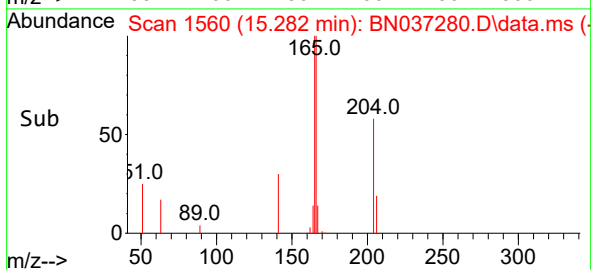
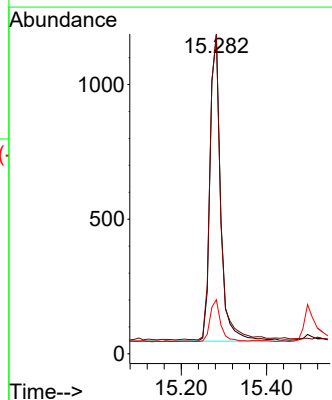
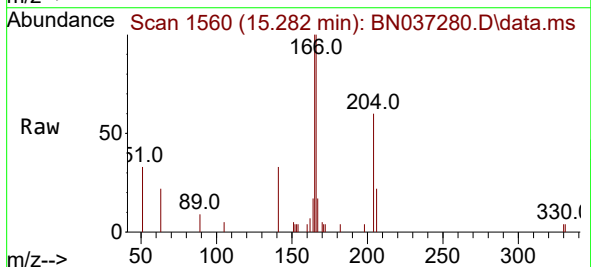
Instrument :  
BNA\_N  
ClientSampleId :  
PB168476BS

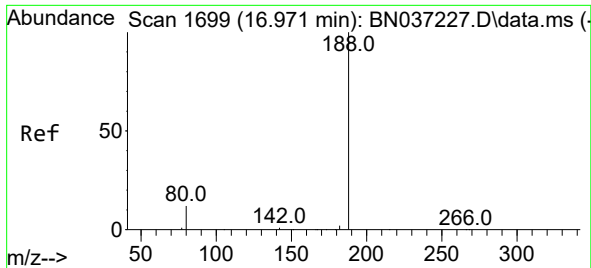
Tgt Ion:154 Resp: 1561  
Ion Ratio Lower Upper  
154 100  
153 115.1 94.6 141.8  
152 63.2 49.6 74.4



#18  
Fluorene  
Concen: 0.361 ng  
RT: 15.282 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

Tgt Ion:166 Resp: 1981  
Ion Ratio Lower Upper  
166 100  
165 99.1 79.8 119.6  
167 13.5 10.8 16.2

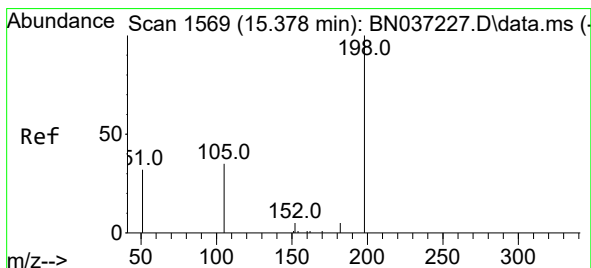
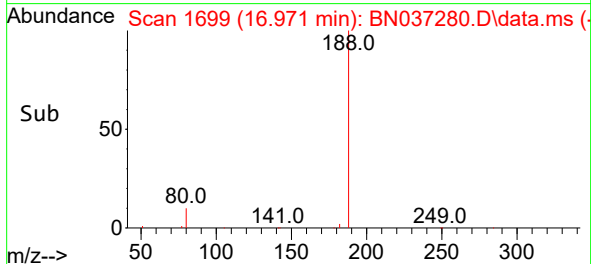
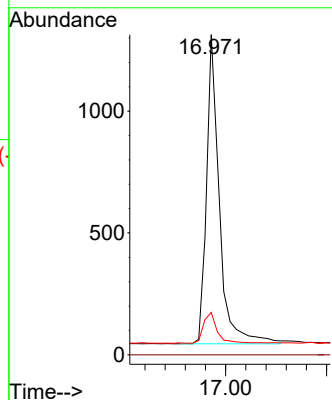
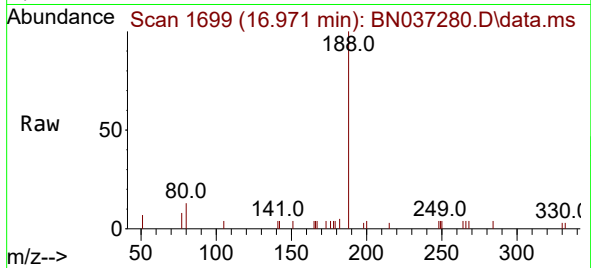




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.971 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

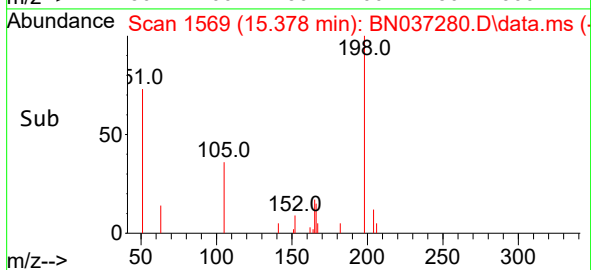
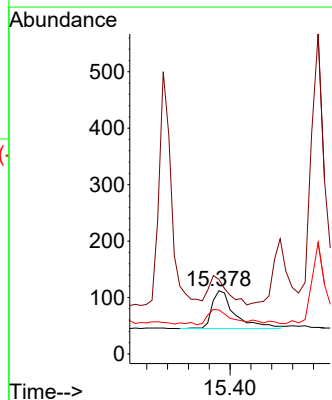
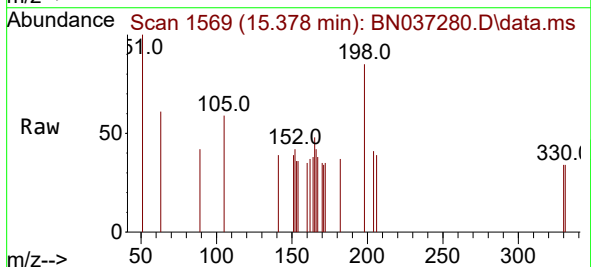
Instrument :  
BNA\_N  
ClientSampleId :  
PB168476BS

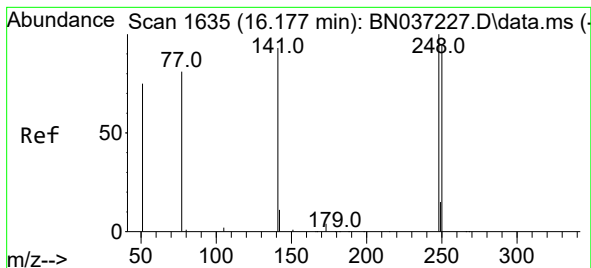
Tgt Ion:188 Resp: 2251  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.2 12.2 18.4



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.463 ng  
RT: 15.378 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

Tgt Ion:198 Resp: 205  
Ion Ratio Lower Upper  
198 100  
51 117.9 111.2 166.8  
105 69.6 54.0 81.0

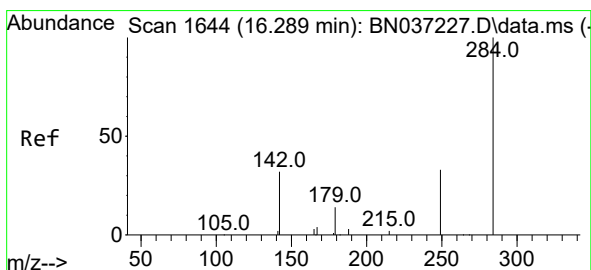
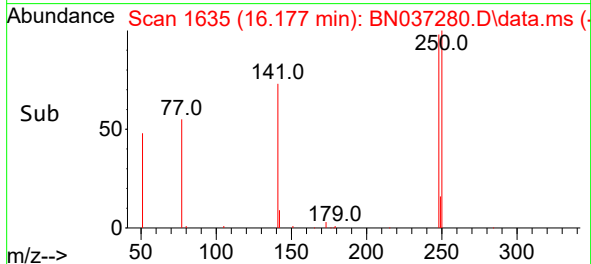
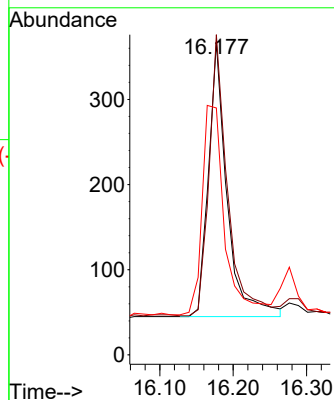
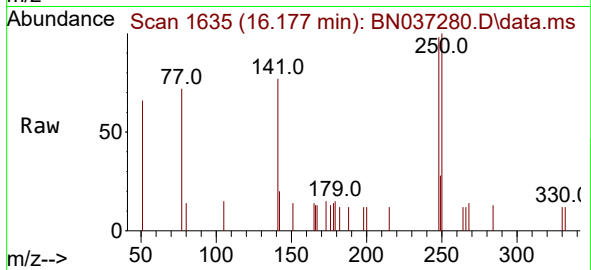




#21  
4-Bromophenyl-phenylether  
Concen: 0.386 ng  
RT: 16.177 min Scan# 1635  
Delta R.T. 0.000 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

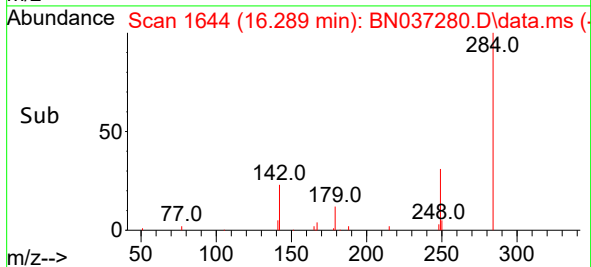
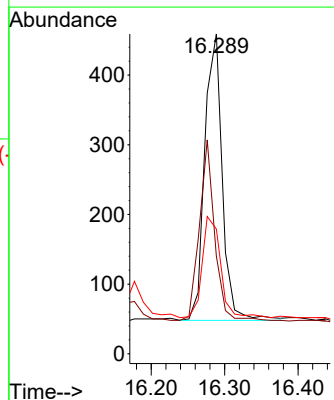
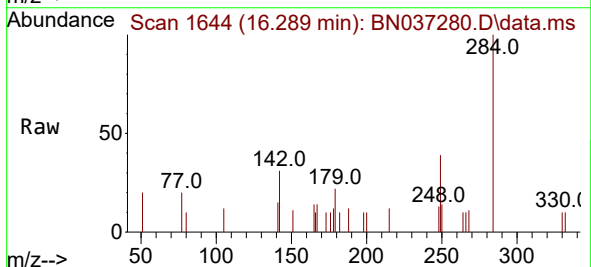
Instrument :  
BNA\_N  
ClientSampleId :  
PB168476BS

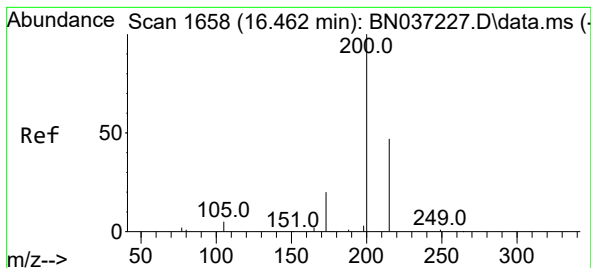
Tgt Ion:248 Resp: 566  
Ion Ratio Lower Upper  
248 100  
250 102.5 76.8 115.2  
141 79.0 75.6 113.4



#22  
Hexachlorobenzene  
Concen: 0.401 ng  
RT: 16.289 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

Tgt Ion:284 Resp: 682  
Ion Ratio Lower Upper  
284 100  
142 55.4 43.8 65.6  
249 37.1 28.4 42.6





#23

Atrazine

Concen: 0.162 ng

RT: 16.463 min Scan# 1658

Delta R.T. 0.000 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

Instrument :

BNA\_N

ClientSampleId :

PB168476BS

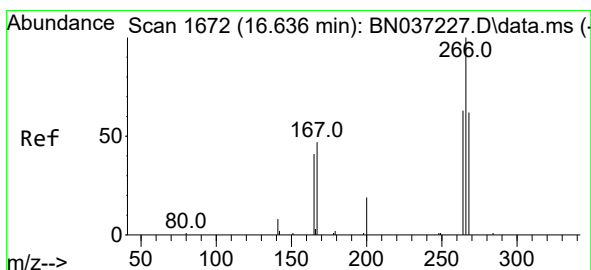
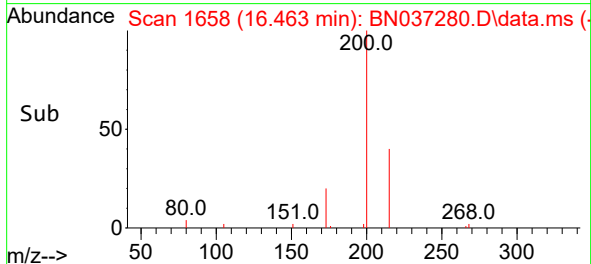
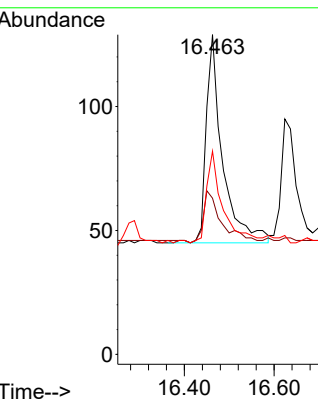
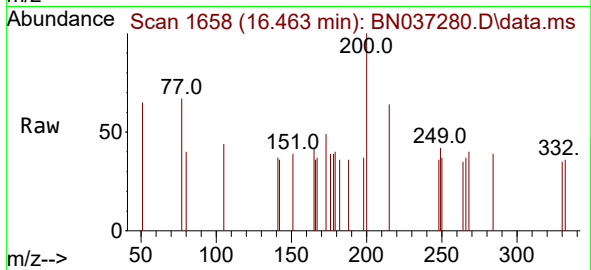
Tgt Ion:200 Resp: 212

Ion Ratio Lower Upper

200 100

173 48.8 25.1 37.7#

215 63.6 43.7 65.5



#24

Pentachlorophenol

Concen: 0.720 ng

RT: 16.636 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

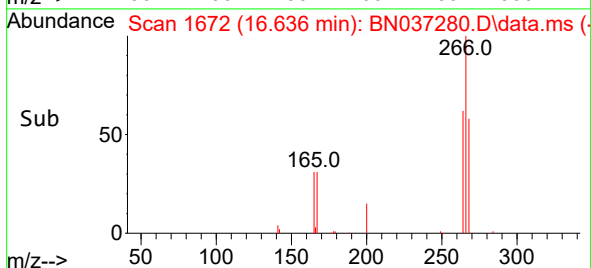
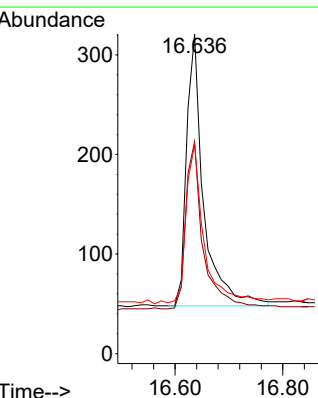
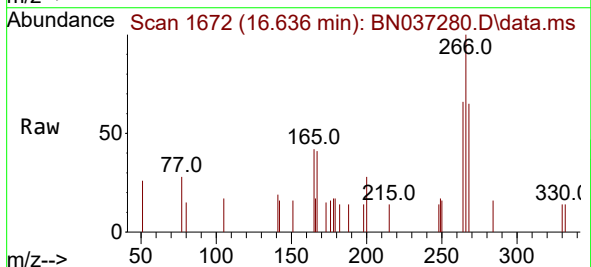
Tgt Ion:266 Resp: 600

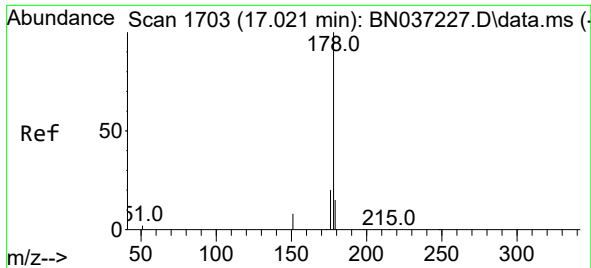
Ion Ratio Lower Upper

266 100

264 63.2 49.2 73.8

268 63.2 53.4 80.2

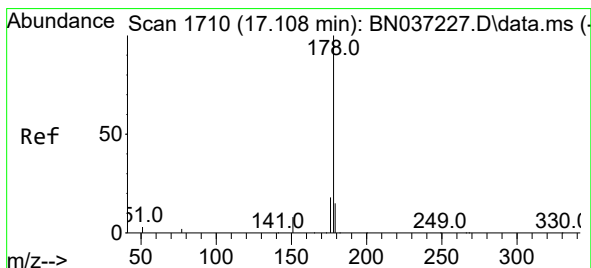
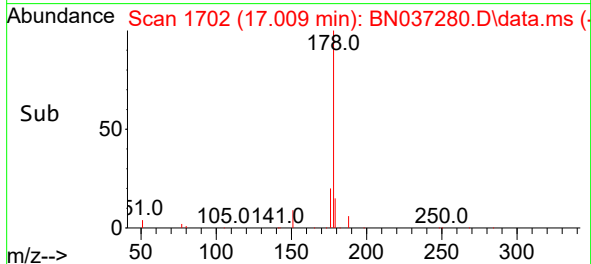
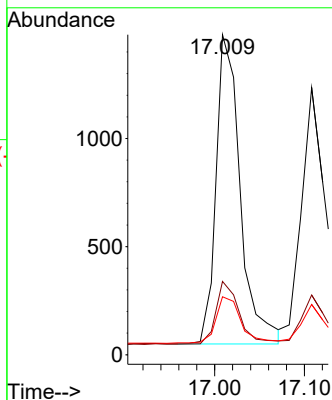
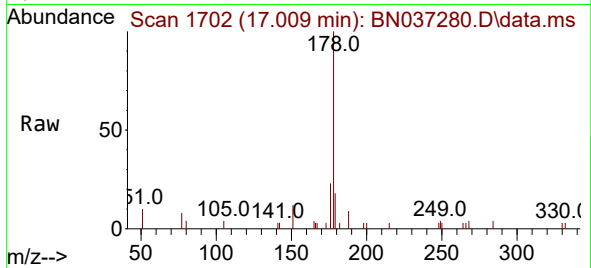




#25  
Phenanthrene  
Concen: 0.377 ng  
RT: 17.009 min Scan# 1710  
Delta R.T. -0.012 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

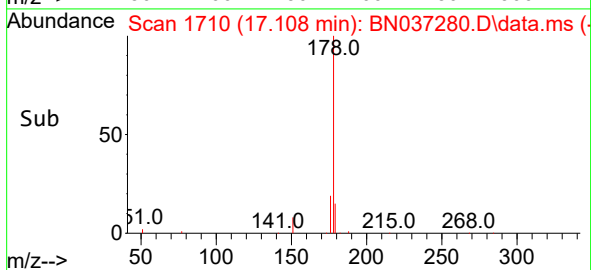
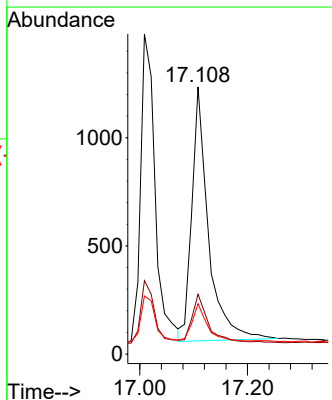
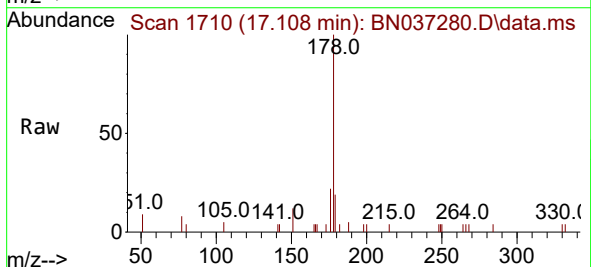
Instrument :  
BNA\_N  
ClientSampleId :  
PB168476BS

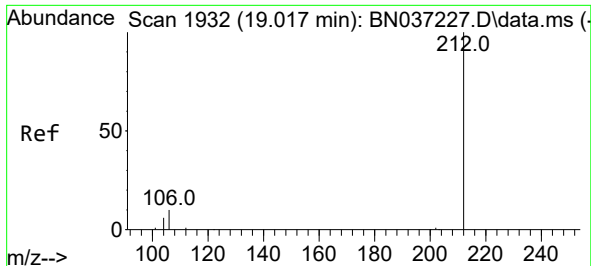
Tgt Ion:178 Resp: 2688  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.3 24.5  
179 15.7 12.6 18.8



#26  
Anthracene  
Concen: 0.385 ng  
RT: 17.108 min Scan# 1710  
Delta R.T. 0.000 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

Tgt Ion:178 Resp: 2516  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.1 22.7  
179 13.6 12.4 18.6

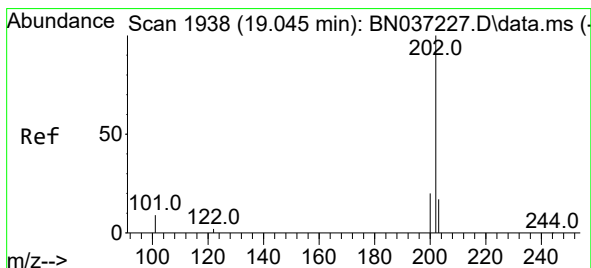
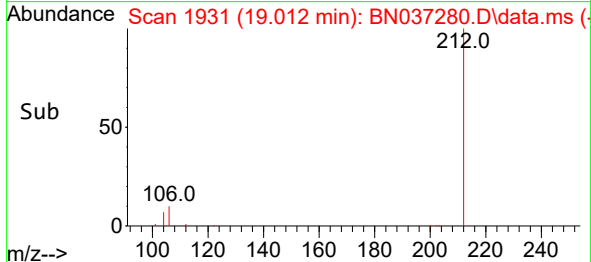
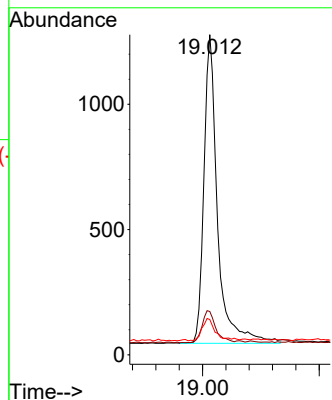
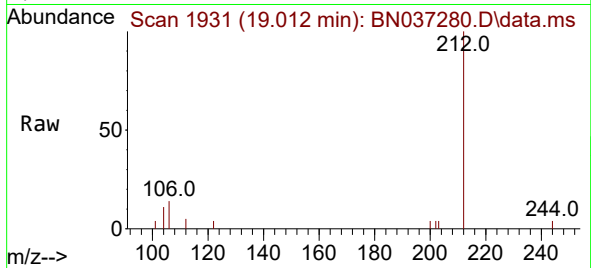




#27  
Fluoranthene-d10  
Concen: 0.339 ng  
RT: 19.012 min Scan# 1931  
Delta R.T. -0.004 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

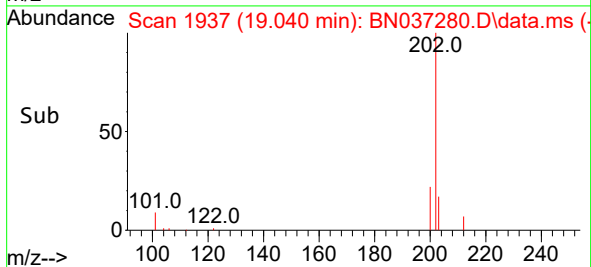
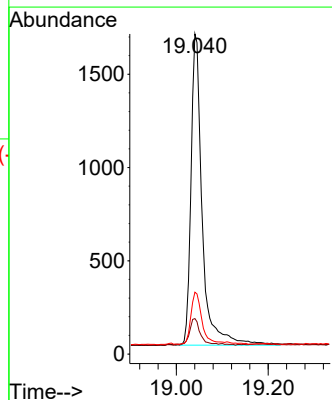
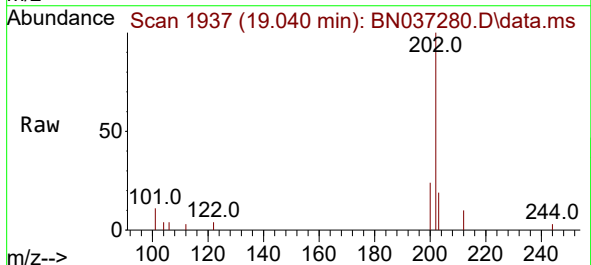
Instrument :  
BNA\_N  
ClientSampleId :  
PB168476BS

Tgt Ion:212 Resp: 1999  
Ion Ratio Lower Upper  
212 100  
106 10.5 9.3 13.9  
104 7.1 5.7 8.5

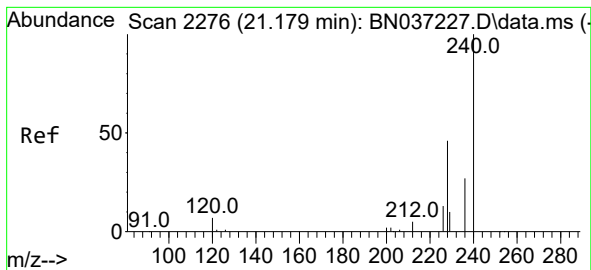


#28  
Fluoranthene  
Concen: 0.339 ng  
RT: 19.040 min Scan# 1937  
Delta R.T. -0.004 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

Tgt Ion:202 Resp: 2829  
Ion Ratio Lower Upper  
202 100  
101 8.6 7.1 10.7  
203 16.5 13.0 19.6







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

Instrument :

BNA\_N

ClientSampleId :

PB168476BS

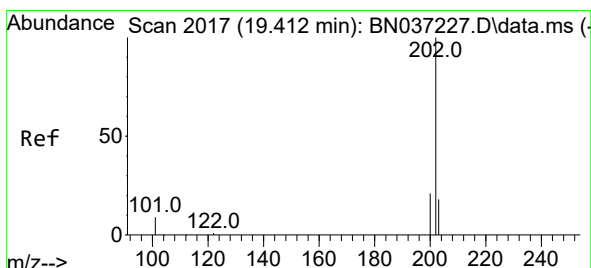
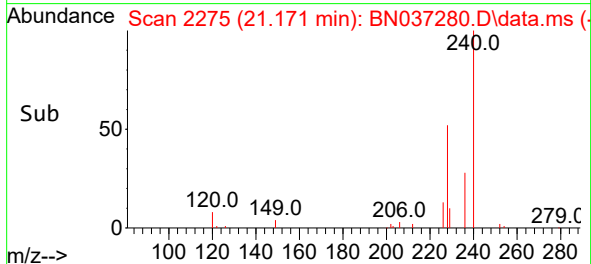
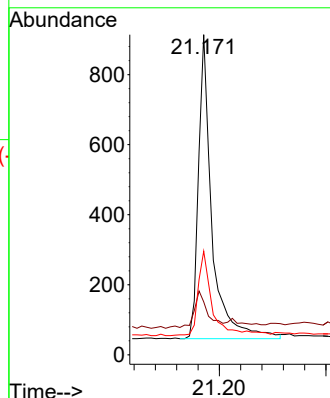
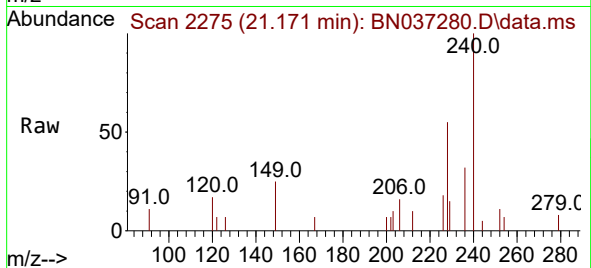
Tgt Ion:240 Resp: 1528

Ion Ratio Lower Upper

240 100

120 16.5 11.3 16.9

236 32.4 24.4 36.6



#30

Pyrene

Concen: 0.386 ng

RT: 19.403 min Scan# 2015

Delta R.T. -0.009 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

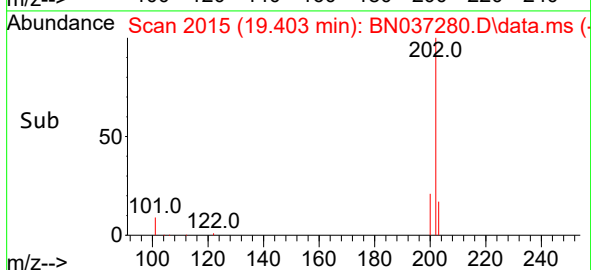
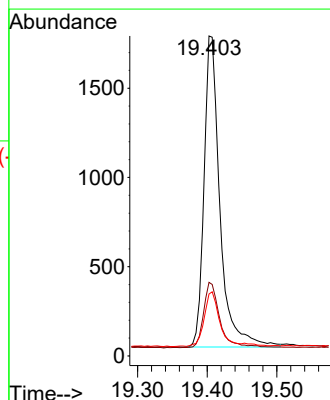
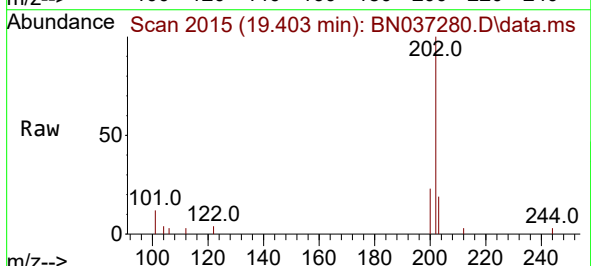
Tgt Ion:202 Resp: 2773

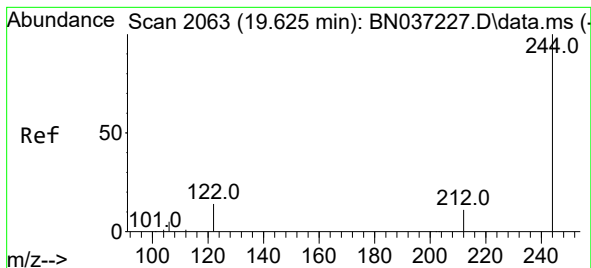
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 16.9 14.3 21.5





#31

Terphenyl-d14

Concen: 0.380 ng

RT: 19.621 min Scan# 2063

Delta R.T. -0.004 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

Instrument :

BNA\_N

ClientSampleId :

PB168476BS

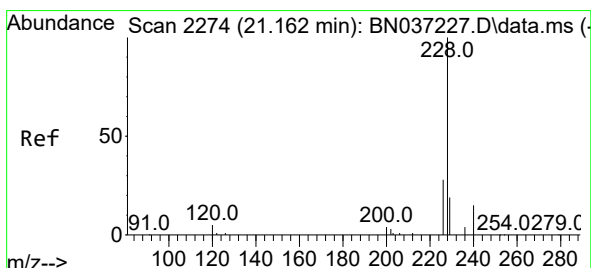
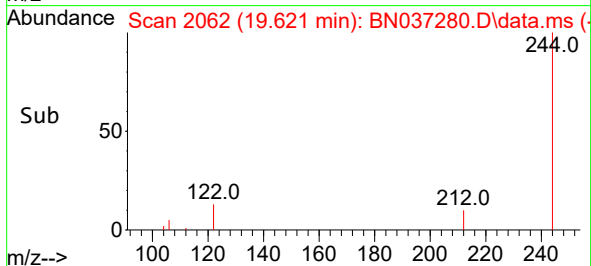
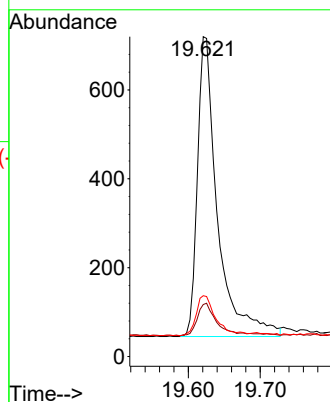
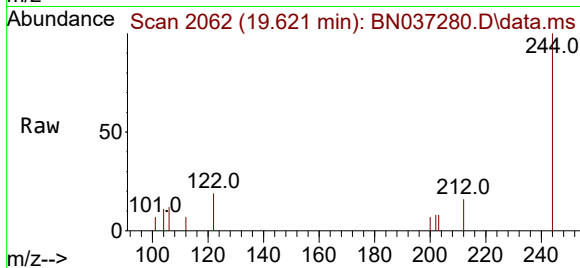
Tgt Ion:244 Resp: 1313

Ion Ratio Lower Upper

244 100

212 16.2 12.2 18.2

122 19.0 14.3 21.5



#32

Benzo(a)anthracene

Concen: 0.364 ng

RT: 21.153 min Scan# 2273

Delta R.T. -0.009 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

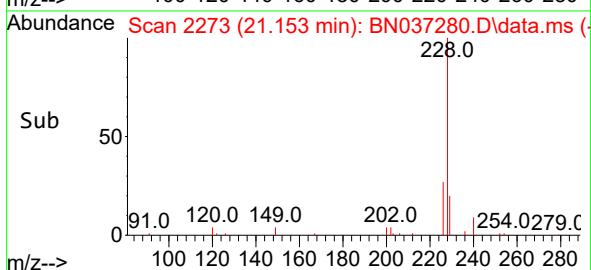
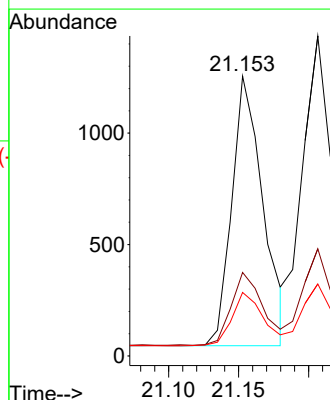
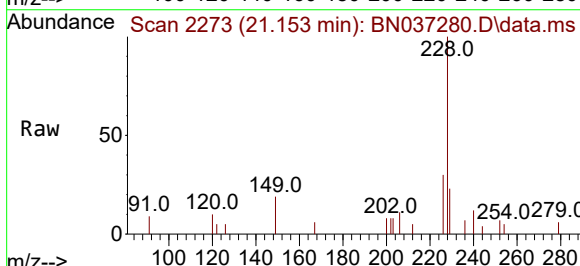
Tgt Ion:228 Resp: 1878

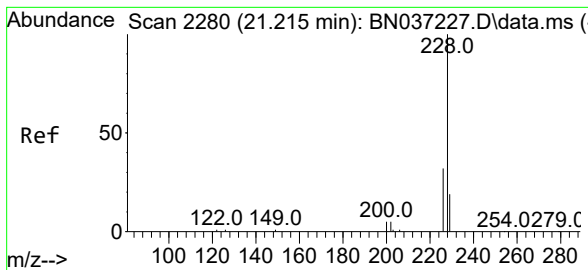
Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 22.7 17.0 25.4





#33

Chrysene

Concen: 0.404 ng

RT: 21.207 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

Instrument :

BNA\_N

ClientSampleId :

PB168476BS

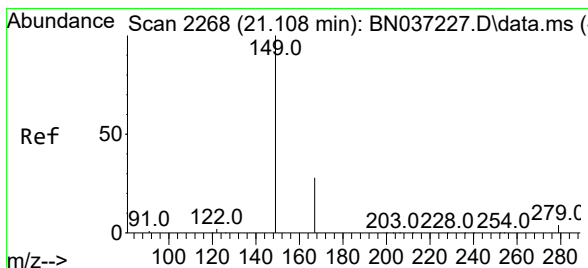
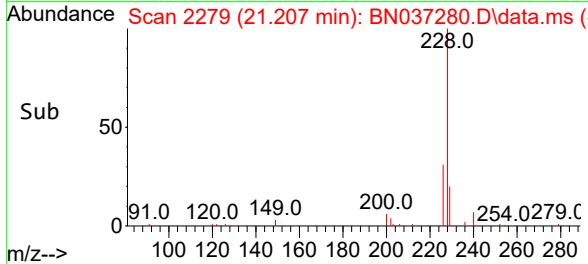
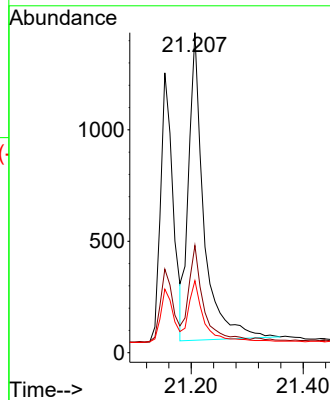
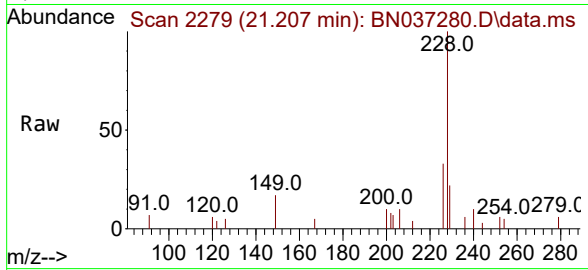
Tgt Ion:228 Resp: 2594

Ion Ratio Lower Upper

228 100

226 33.5 25.8 38.6

229 22.5 17.0 25.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.383 ng

RT: 21.099 min Scan# 2267

Delta R.T. -0.009 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

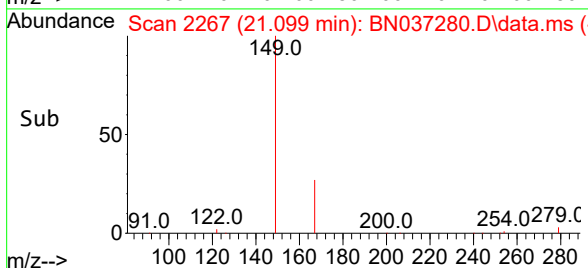
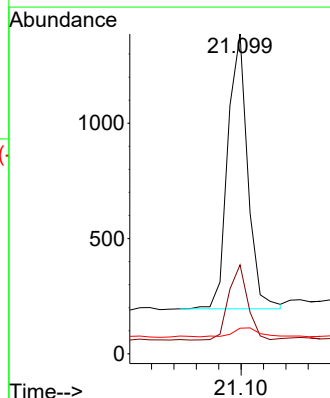
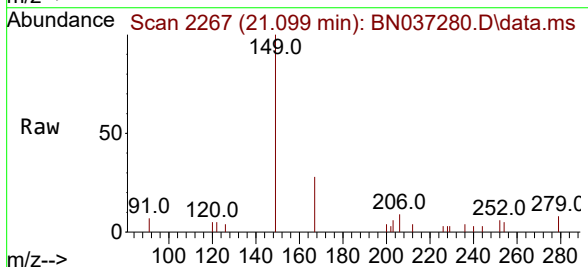
Tgt Ion:149 Resp: 1471

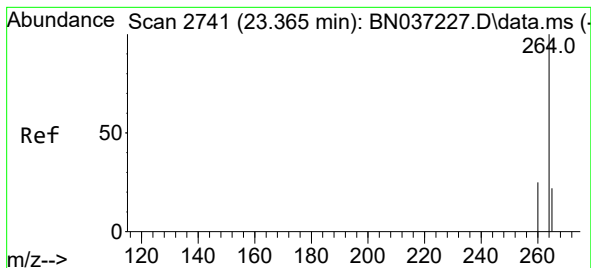
Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

279 4.5 3.3 4.9





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.357 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

Instrument :

BNA\_N

ClientSampleId :

PB168476BS

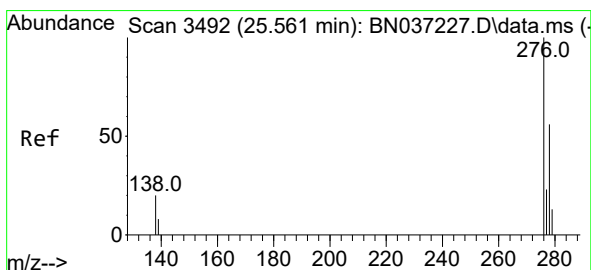
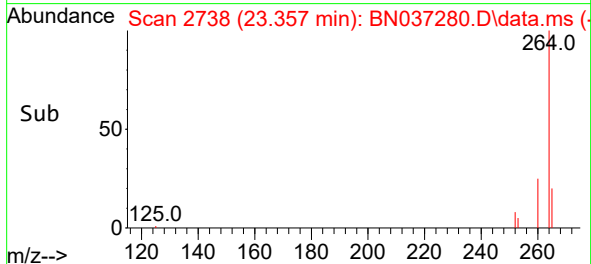
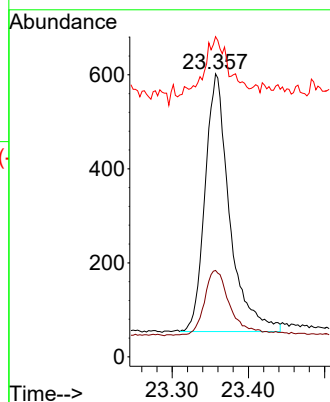
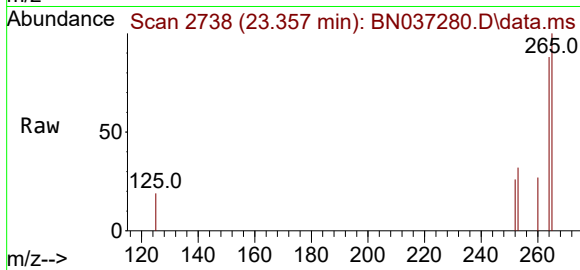
Tgt Ion:264 Resp: 1224

Ion Ratio Lower Upper

264 100

260 30.6 22.8 34.2

265 113.1 66.4 99.6#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.487 ng

RT: 25.547 min Scan# 3487

Delta R.T. -0.014 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

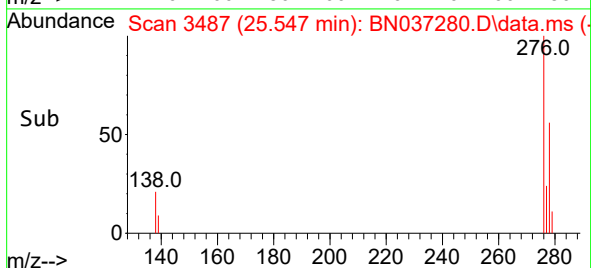
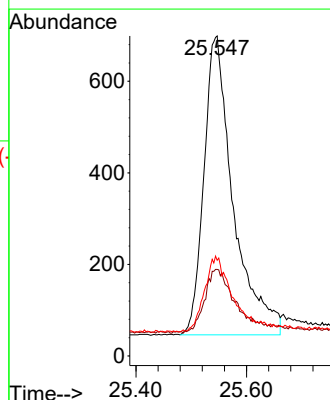
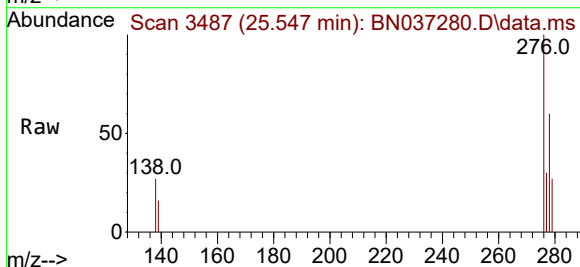
Tgt Ion:276 Resp: 2405

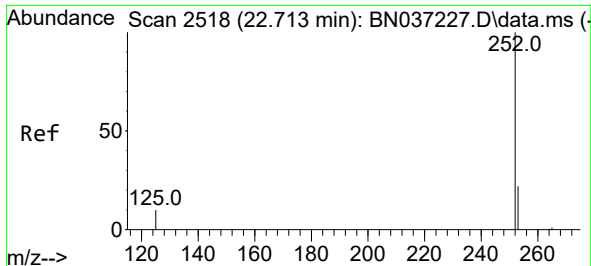
Ion Ratio Lower Upper

276 100

138 22.6 16.8 25.2

277 23.1 19.5 29.3





#37

Benzo(b)fluoranthene

Concen: 0.451 ng

RT: 22.702 min Scan# 2518

Delta R.T. -0.012 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

Instrument :

BNA\_N

ClientSampleId :

PB168476BS

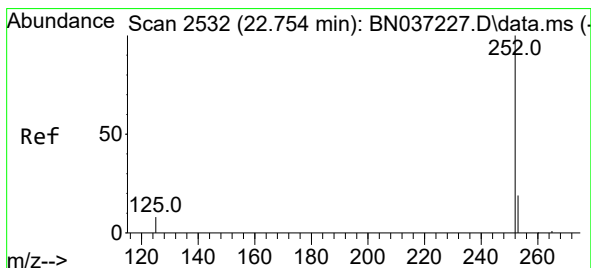
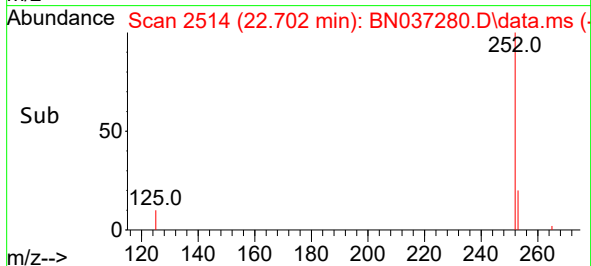
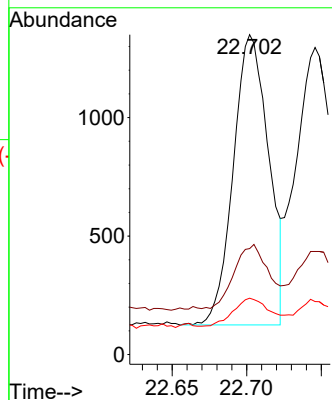
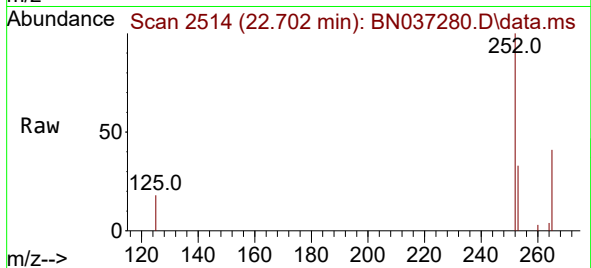
Tgt Ion:252 Resp: 2018

Ion Ratio Lower Upper

252 100

253 33.1 24.9 37.3

125 17.6 12.9 19.3



#38

Benzo(k)fluoranthene

Concen: 0.442 ng

RT: 22.746 min Scan# 2529

Delta R.T. -0.009 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

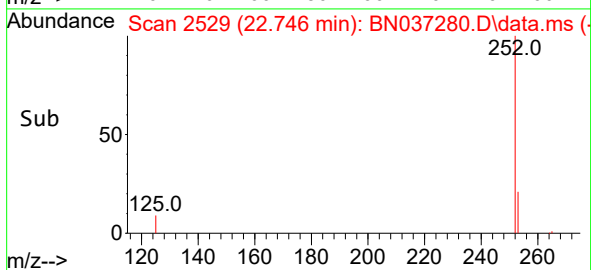
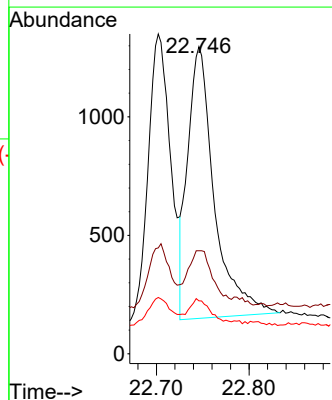
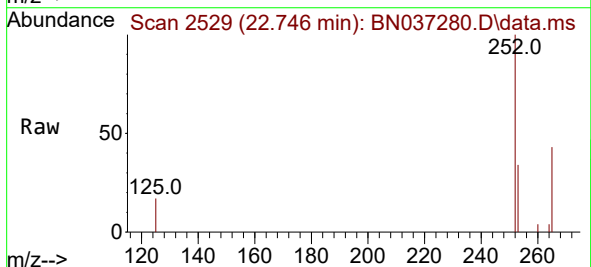
Tgt Ion:252 Resp: 2286

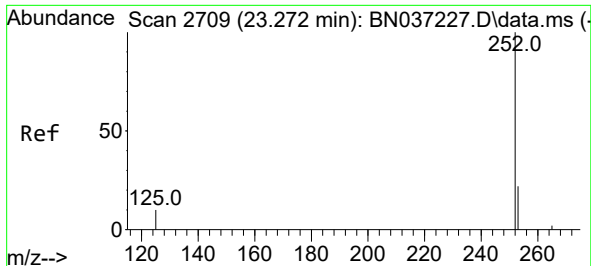
Ion Ratio Lower Upper

252 100

253 33.6 24.6 37.0

125 17.3 13.4 20.2





#39

Benzo(a)pyrene

Concen: 0.445 ng

RT: 23.260 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

Instrument :

BNA\_N

ClientSampleId :

PB168476BS

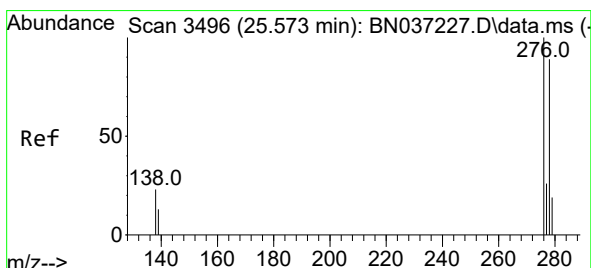
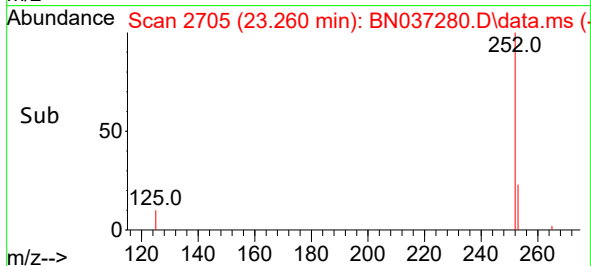
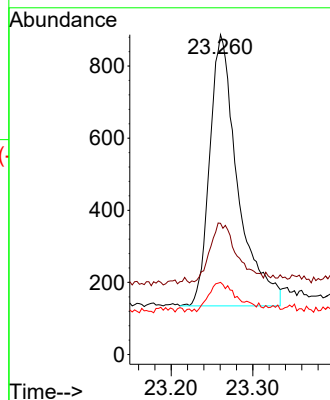
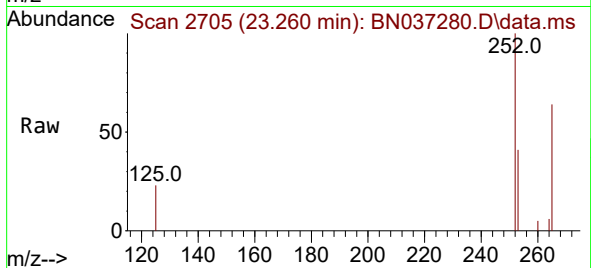
Tgt Ion:252 Resp: 1793

Ion Ratio Lower Upper

252 100

253 41.0 29.4 44.2

125 22.5 16.2 24.2



#40

Dibenzo(a,h)anthracene

Concen: 0.500 ng

RT: 25.561 min Scan# 3492

Delta R.T. -0.012 min

Lab File: BN037280.D

Acq: 15 Jun 2025 02:42

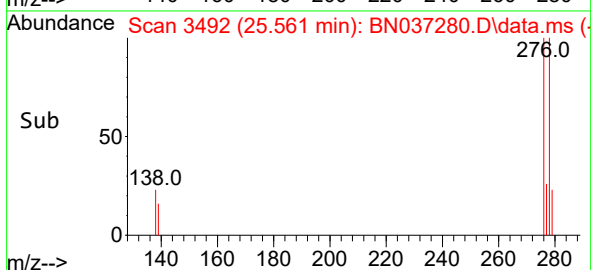
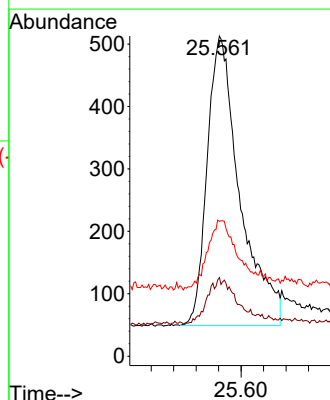
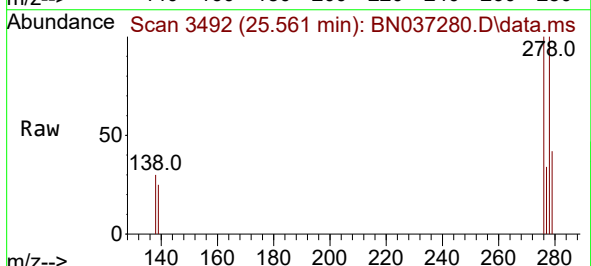
Tgt Ion:278 Resp: 1876

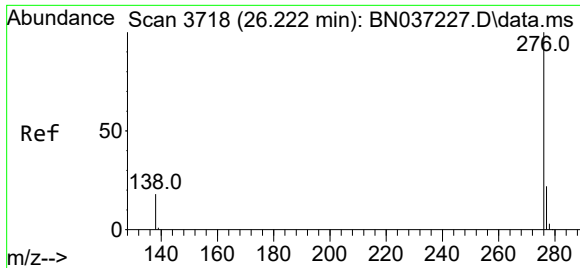
Ion Ratio Lower Upper

278 100

139 24.6 17.8 26.6

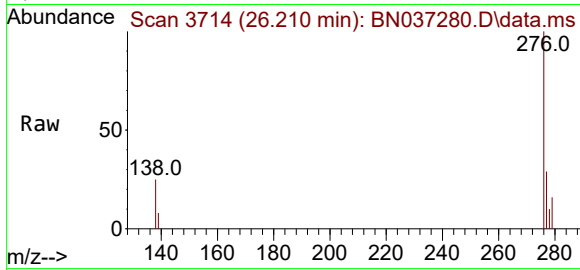
279 42.1 31.3 46.9





#41  
Benzo(g,h,i)perylene  
Concen: 0.467 ng  
RT: 26.210 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BN037280.D  
Acq: 15 Jun 2025 02:42

Instrument :  
BNA\_N  
ClientSampleId :  
PB168476BS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 2136  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 29.3  | 22.0  | 33.0  |
| 138      | 24.9  | 18.4  | 27.6  |

