

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082025\  
 Data File : BN037646.D  
 Acq On : 21 Aug 2025 13:11  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Aug 22 08:23:16 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 13 05:00:58 2025  
 Response via : Initial Calibration

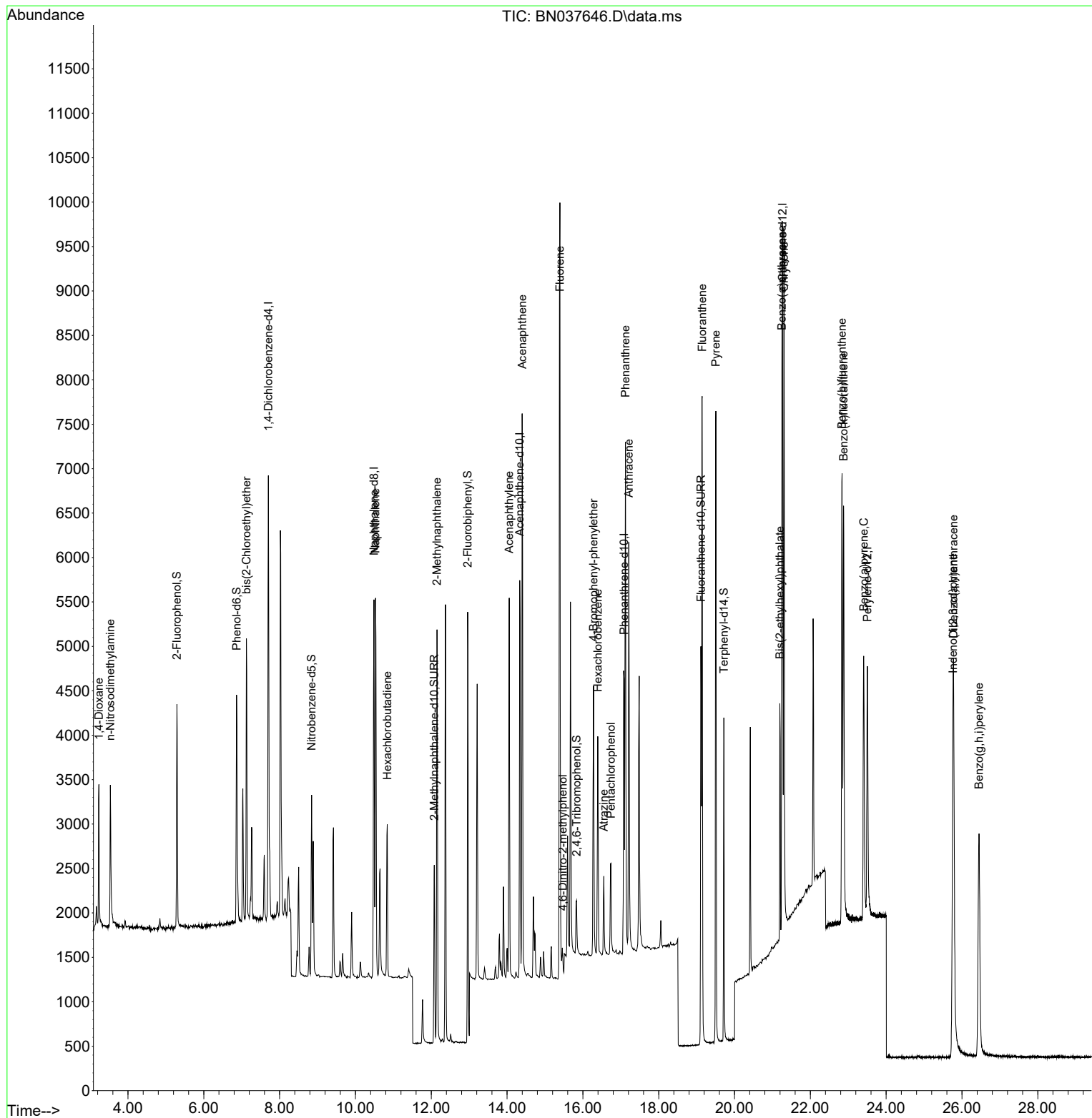
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.703  | 152  | 2398     | 0.400 | ng    | -0.01     |
| 7) Naphthalene-d8             | 10.487 | 136  | 5591     | 0.400 | ng    | -0.01     |
| 13) Acenaphthene-d10          | 14.334 | 164  | 2650     | 0.400 | ng    | -0.01     |
| 19) Phenanthrene-d10          | 17.086 | 188  | 5337     | 0.400 | ng    | # 0.00    |
| 29) Chrysene-d12              | 21.268 | 240  | 4565     | 0.400 | ng    | # 0.00    |
| 35) Perylene-d12              | 23.505 | 264  | 3968     | 0.400 | ng    | # 0.00    |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 4) 2-Fluorophenol             | 5.290  | 112  | 2020     | 0.372 | ng    | -0.01     |
| 5) Phenol-d6                  | 6.865  | 99   | 2345     | 0.358 | ng    | -0.01     |
| 8) Nitrobenzene-d5            | 8.843  | 82   | 1577     | 0.400 | ng    | -0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.080 | 152  | 2742     | 0.361 | ng    | -0.01     |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 463      | 0.399 | ng    | 0.00      |
| 15) 2-Fluorobiphenyl          | 12.963 | 172  | 5835     | 0.381 | ng    | -0.02     |
| 27) Fluoranthene-d10          | 19.113 | 212  | 5059     | 0.360 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.717 | 244  | 3616     | 0.385 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 2) 1,4-Dioxane                | 3.232  | 88   | 936      | 0.408 | ng    | Qvalue 96 |
| 3) n-Nitrosodimethylamine     | 3.535  | 42   | 1169     | 0.399 | ng    | 97        |
| 6) bis(2-Chloroethyl)ether    | 7.125  | 93   | 2325     | 0.394 | ng    | 97        |
| 9) Naphthalene                | 10.530 | 128  | 5852     | 0.393 | ng    | 100       |
| 10) Hexachlorobutadiene       | 10.840 | 225  | 1495     | 0.411 | ng    | # 99      |
| 12) 2-Methylnaphthalene       | 12.151 | 142  | 3483     | 0.373 | ng    | 99        |
| 16) Acenaphthylene            | 14.056 | 152  | 4631     | 0.390 | ng    | 99        |
| 17) Acenaphthene              | 14.398 | 154  | 3091     | 0.383 | ng    | 99        |
| 18) Fluorene                  | 15.392 | 166  | 4089     | 0.387 | ng    | 98        |
| 20) 4,6-Dinitro-2-methylph... | 15.467 | 198  | 231      | 0.419 | ng    | 93        |
| 21) 4-Bromophenyl-phenylether | 16.280 | 248  | 1267     | 0.378 | ng    | 94        |
| 22) Hexachlorobenzene         | 16.391 | 284  | 1963     | 0.413 | ng    | 99        |
| 23) Atrazine                  | 16.553 | 200  | 812      | 0.428 | ng    | # 93      |
| 24) Pentachlorophenol         | 16.739 | 266  | 658      | 0.394 | ng    | 97        |
| 25) Phenanthrene              | 17.124 | 178  | 6222     | 0.383 | ng    | 100       |
| 26) Anthracene                | 17.211 | 178  | 5301     | 0.369 | ng    | 99        |
| 28) Fluoranthene              | 19.146 | 202  | 6871     | 0.369 | ng    | 100       |
| 30) Pyrene                    | 19.508 | 202  | 6655     | 0.390 | ng    | 100       |
| 32) Benzo(a)anthracene        | 21.250 | 228  | 5562     | 0.365 | ng    | 98        |
| 33) Chrysene                  | 21.304 | 228  | 6617     | 0.389 | ng    | 99        |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149  | 2627     | 0.417 | ng    | 99        |
| 36) Indeno(1,2,3-cd)pyrene    | 25.759 | 276  | 6142     | 0.367 | ng    | 99        |
| 37) Benzo(b)fluoranthene      | 22.835 | 252  | 6190     | 0.412 | ng    | 99        |
| 38) Benzo(k)fluoranthene      | 22.876 | 252  | 6418     | 0.378 | ng    | 99        |
| 39) Benzo(a)pyrene            | 23.408 | 252  | 4690     | 0.376 | ng    | 97        |
| 40) Dibenzo(a,h)anthracene    | 25.779 | 278  | 4641     | 0.358 | ng    | 99        |
| 41) Benzo(g,h,i)perylene      | 26.449 | 276  | 5592     | 0.409 | ng    | 99        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082025\  
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Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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SSTDCCC0.4EC

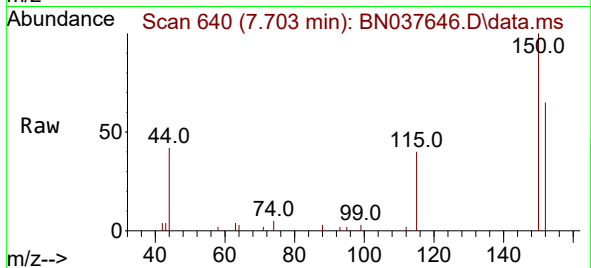
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 13 05:00:58 2025  
Response via : Initial Calibration



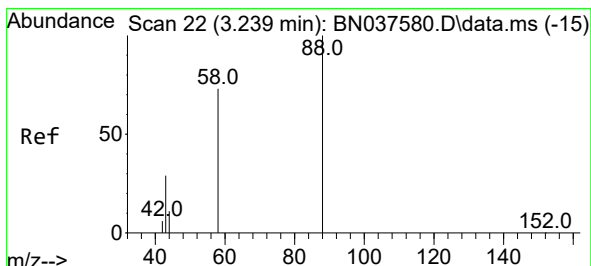
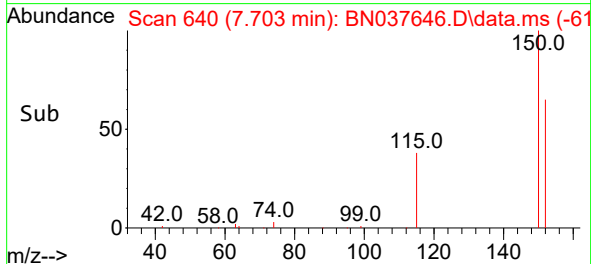
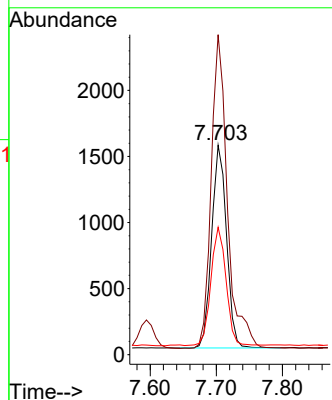


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.703 min Scan# 64  
Delta R.T. -0.014 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

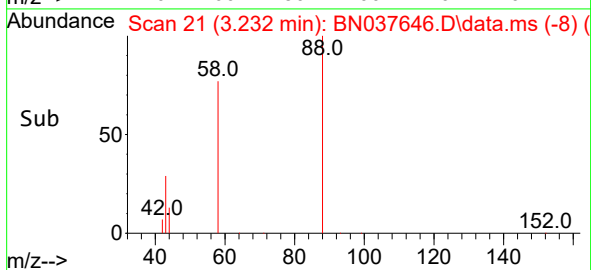
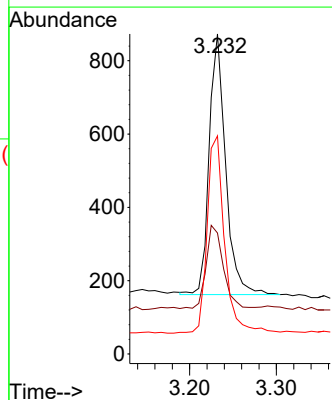
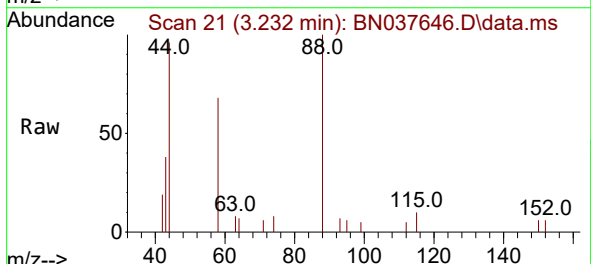


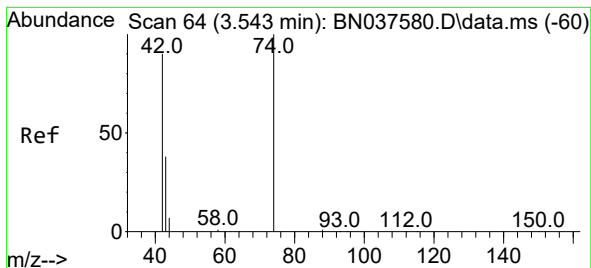
Tgt Ion:152 Resp: 2398  
Ion Ratio Lower Upper  
152 100  
150 152.8 122.2 183.4  
115 60.8 49.8 74.6



#2  
1,4-Dioxane  
Concen: 0.408 ng  
RT: 3.232 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

Tgt Ion: 88 Resp: 936  
Ion Ratio Lower Upper  
88 100  
43 33.1 25.8 38.6  
58 80.2 61.2 91.8





#3

n-Nitrosodimethylamine

Concen: 0.399 ng

RT: 3.535 min Scan# 61

Delta R.T. -0.007 min

Lab File: BN037646.D

Acq: 21 Aug 2025 13:11

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

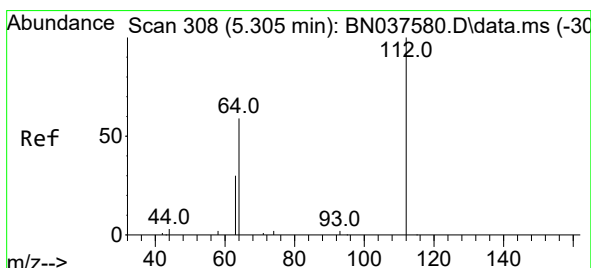
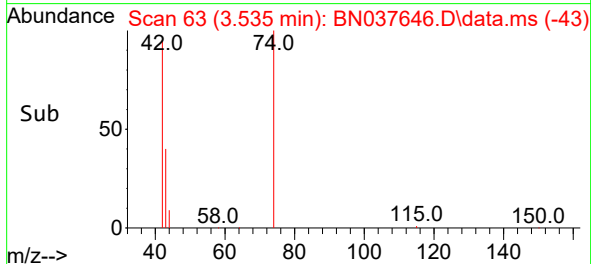
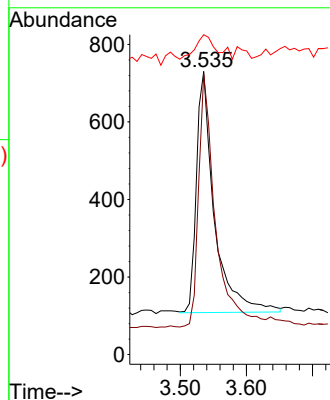
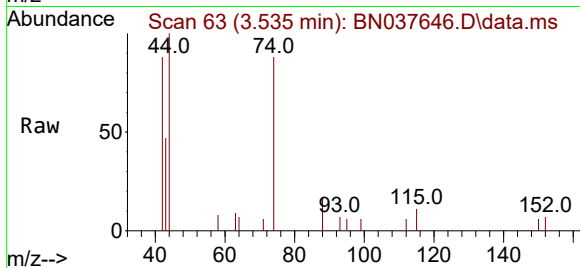
Tgt Ion: 42 Resp: 1169

Ion Ratio Lower Upper

42 100

74 99.5 82.0 123.0

44 11.5 7.9 11.9



#4

2-Fluorophenol

Concen: 0.372 ng

RT: 5.290 min Scan# 306

Delta R.T. -0.014 min

Lab File: BN037646.D

Acq: 21 Aug 2025 13:11

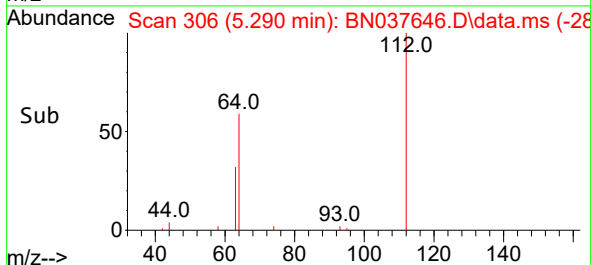
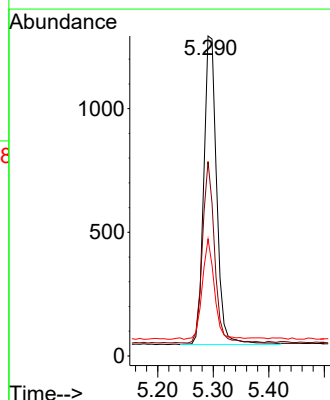
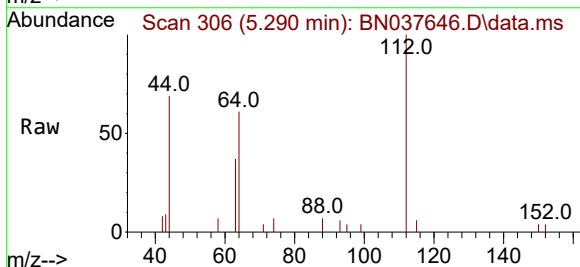
Tgt Ion: 112 Resp: 2020

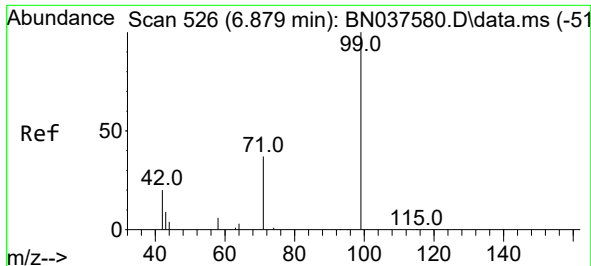
Ion Ratio Lower Upper

112 100

64 54.7 44.9 67.3

63 30.2 23.4 35.2

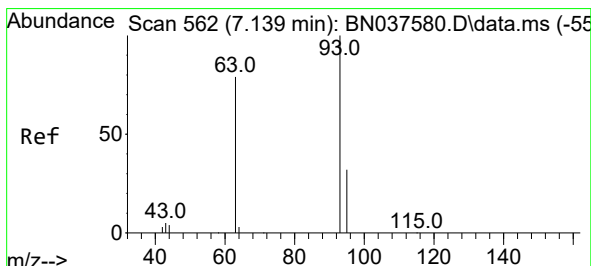
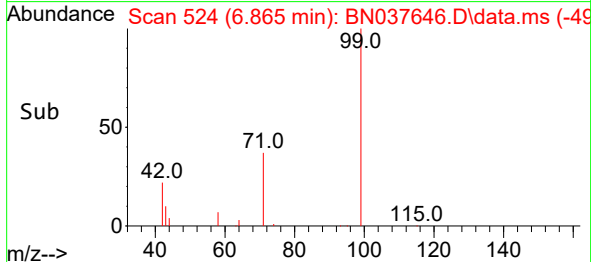
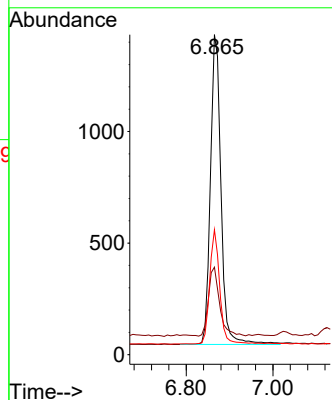
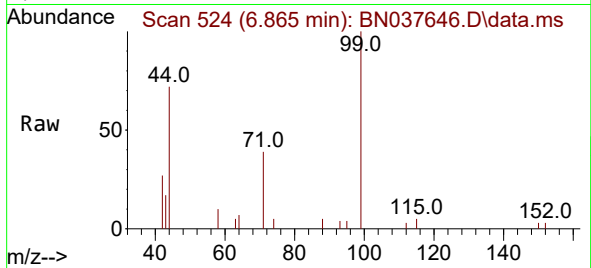




#5  
Phenol-d6  
Concen: 0.358 ng  
RT: 6.865 min Scan# 51  
Delta R.T. -0.014 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

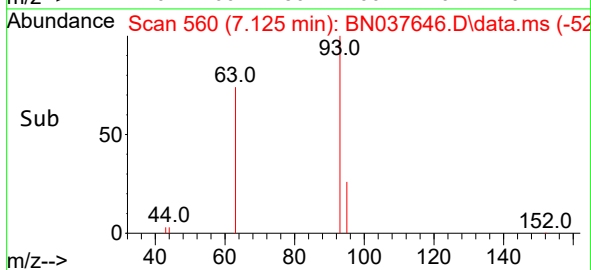
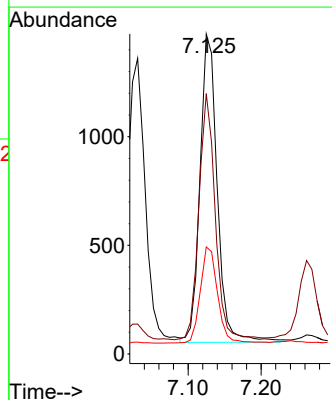
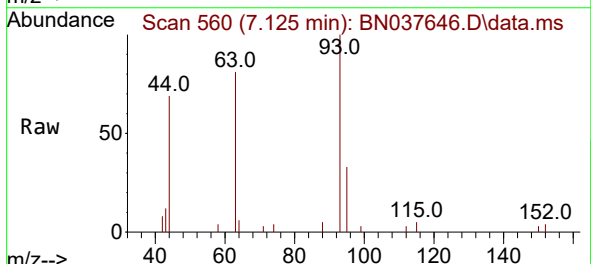
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

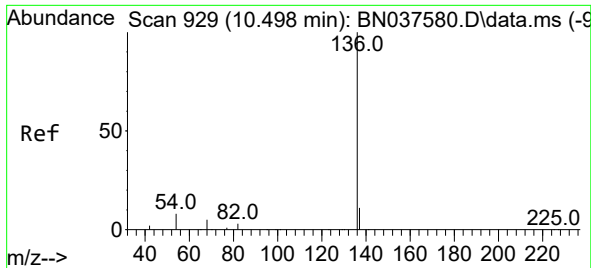
Tgt Ion: 99 Resp: 2345  
Ion Ratio Lower Upper  
99 100  
42 23.6 18.5 27.7  
71 35.0 28.6 42.8



#6  
bis(2-Chloroethyl)ether  
Concen: 0.394 ng  
RT: 7.125 min Scan# 560  
Delta R.T. -0.014 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

Tgt Ion: 93 Resp: 2325  
Ion Ratio Lower Upper  
93 100  
63 75.4 58.0 87.0  
95 31.4 24.9 37.3

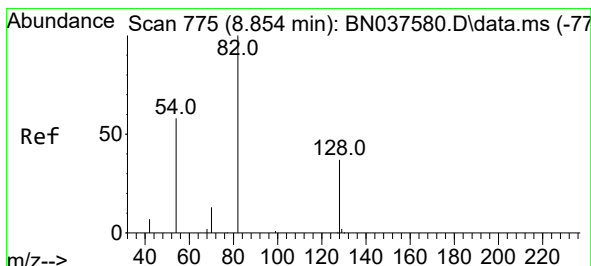
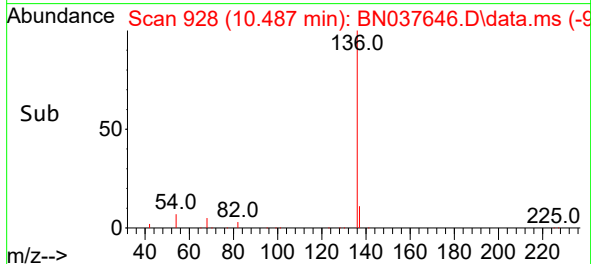
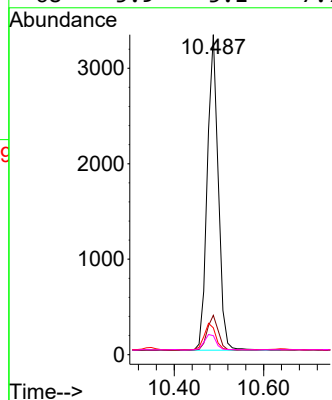
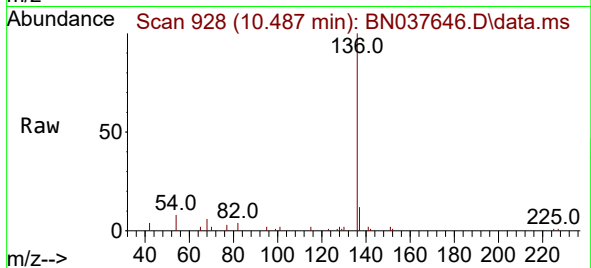




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.487 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

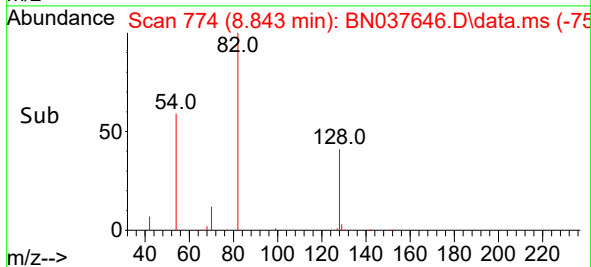
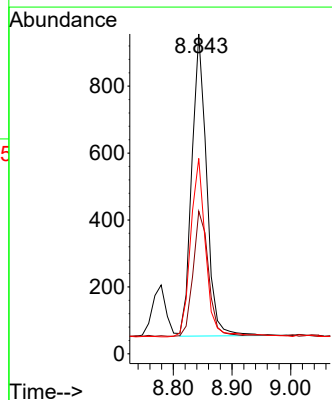
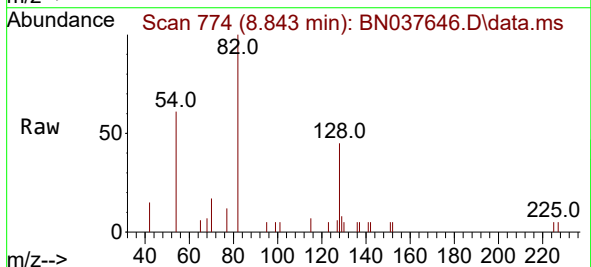
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

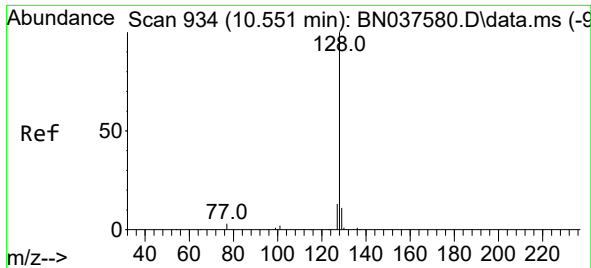
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 5591  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.3  | 9.5   | 14.3  |
| 54       | 8.4   | 7.3   | 10.9  |
| 68       | 5.9   | 5.1   | 7.7   |



#8  
Nitrobenzene-d5  
Concen: 0.400 ng  
RT: 8.843 min Scan# 774  
Delta R.T. -0.011 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1577  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.6  | 32.6  | 48.8  |
| 54       | 61.1  | 48.9  | 73.3  |

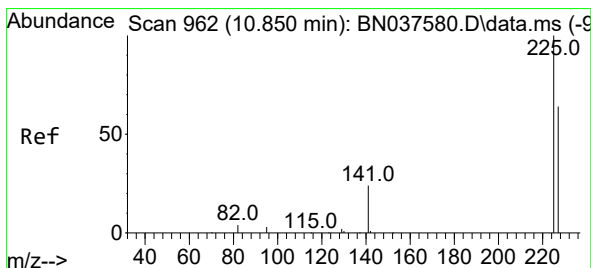
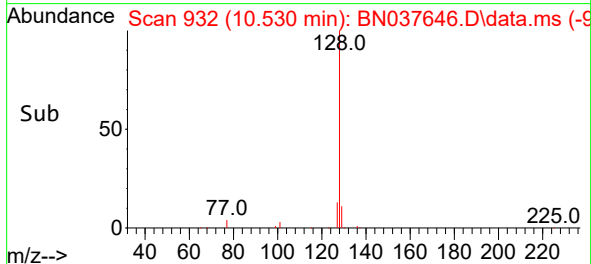
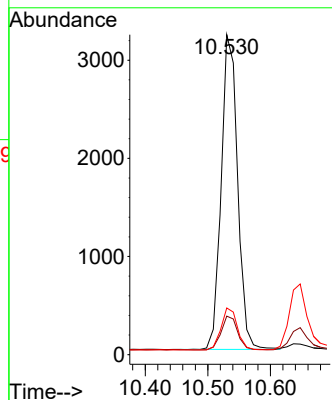
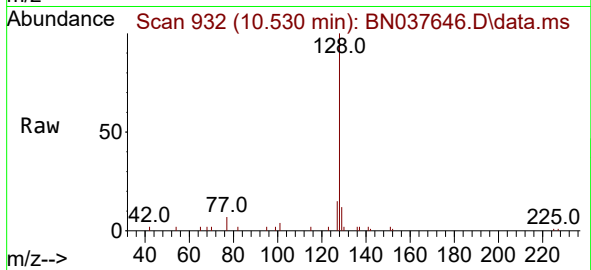




#9  
Naphthalene  
Concen: 0.393 ng  
RT: 10.530 min Scan# 91  
Delta R.T. -0.021 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

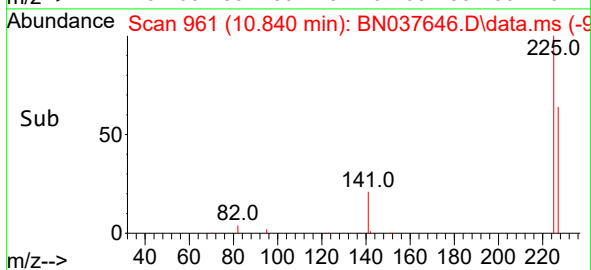
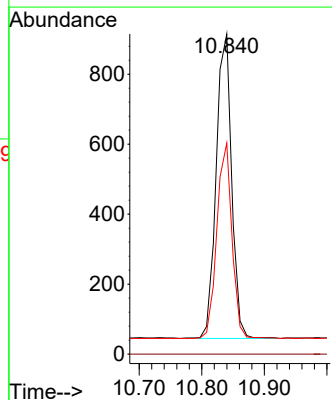
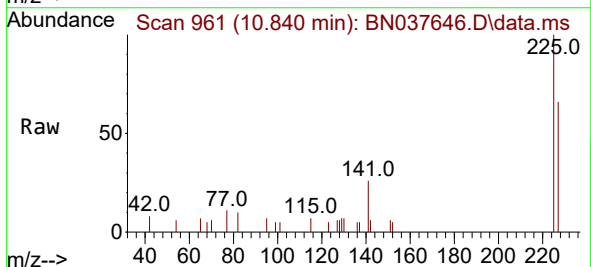
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

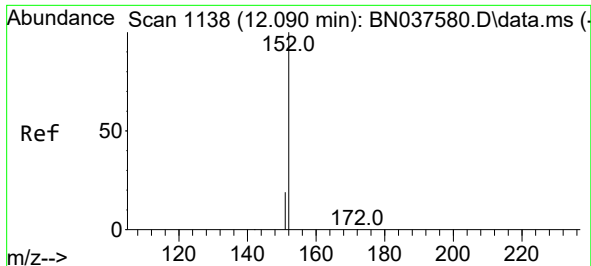
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|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 5852 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 12.1  | 9.8   | 14.6 |
| 127       | 14.6  | 11.5  | 17.3 |



#10  
Hexachlorobutadiene  
Concen: 0.411 ng  
RT: 10.840 min Scan# 961  
Delta R.T. -0.011 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 1495 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 62.4  | 50.8  | 76.2 |

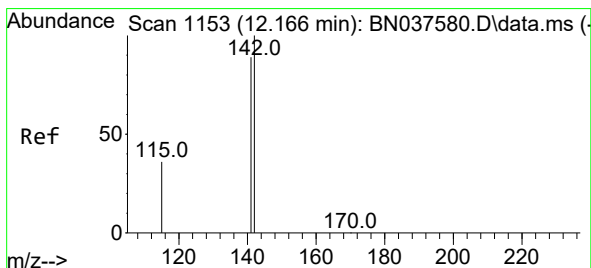
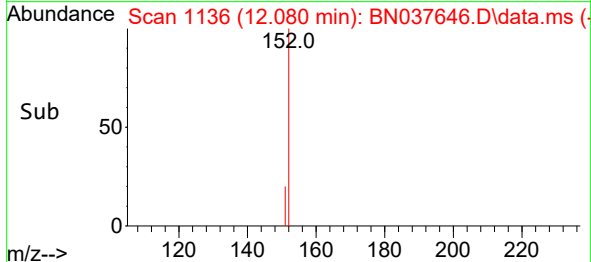
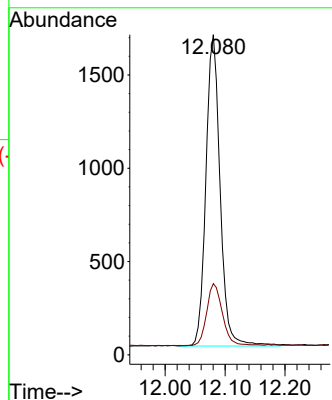
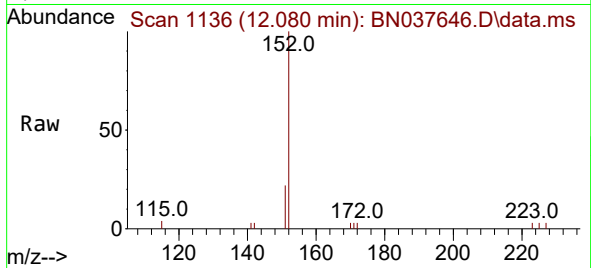




#11  
2-Methylnaphthalene-d10  
Concen: 0.361 ng  
RT: 12.080 min Scan# 1136  
Delta R.T. -0.010 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

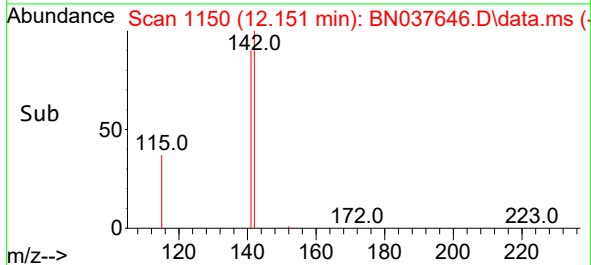
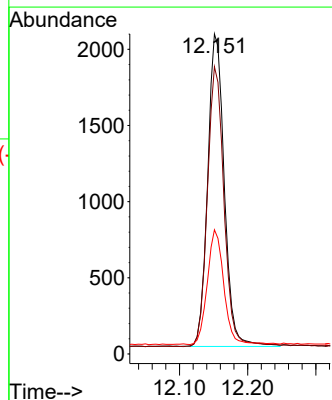
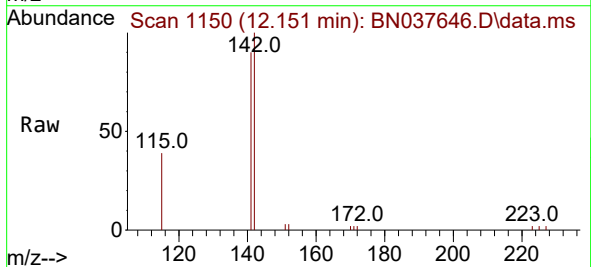
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

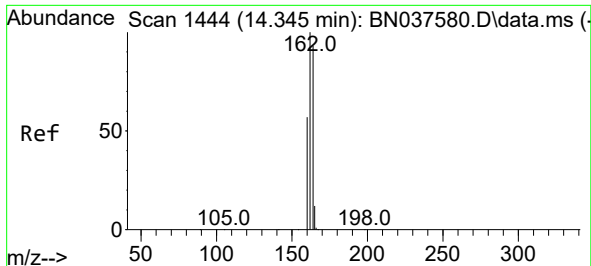
Tgt Ion:152 Resp: 2742  
Ion Ratio Lower Upper  
152 100  
151 22.1 17.3 25.9



#12  
2-Methylnaphthalene  
Concen: 0.373 ng  
RT: 12.151 min Scan# 1150  
Delta R.T. -0.015 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

Tgt Ion:142 Resp: 3483  
Ion Ratio Lower Upper  
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141 89.8 71.4 107.0  
115 38.8 30.2 45.4

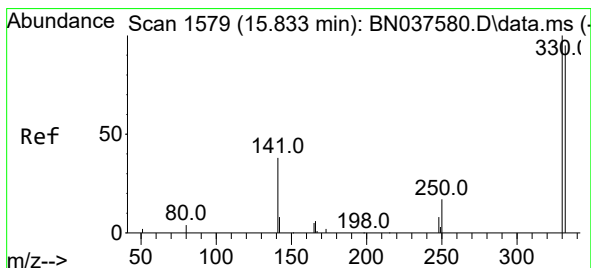
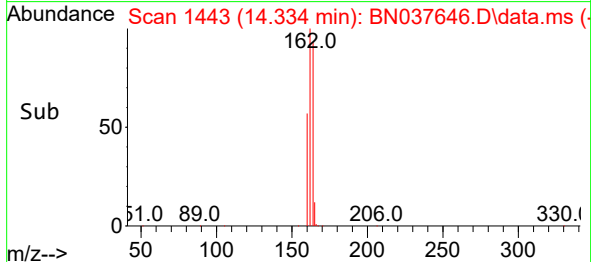
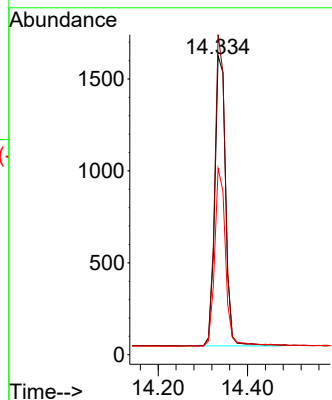
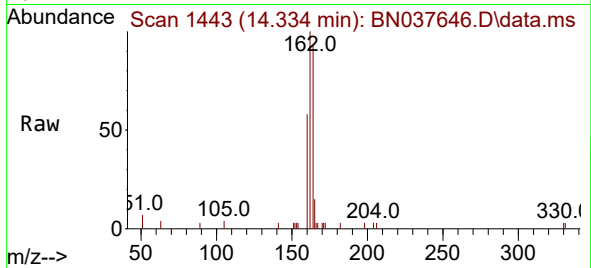




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.334 min Scan# 14  
Delta R.T. -0.011 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

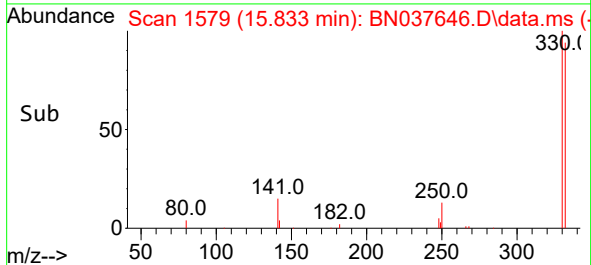
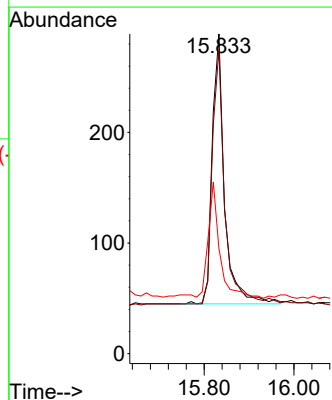
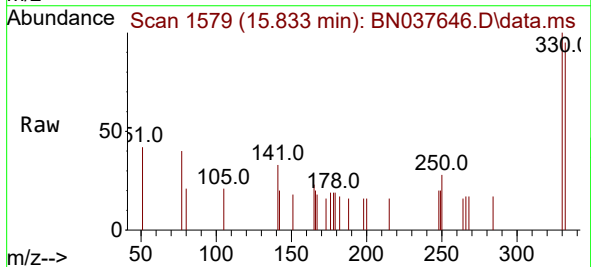
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

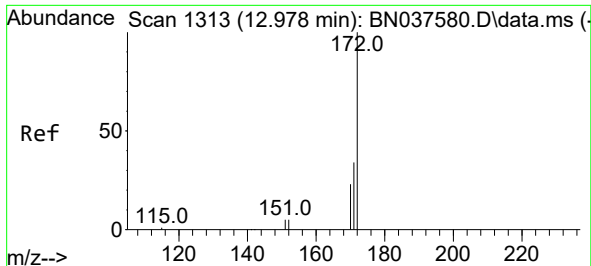
Tgt Ion:164 Resp: 2650  
Ion Ratio Lower Upper  
164 100  
162 107.1 85.5 128.3  
160 62.4 49.5 74.3



#14  
2,4,6-Tribromophenol  
Concen: 0.399 ng  
RT: 15.833 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

Tgt Ion:330 Resp: 463  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.4 116.0  
141 40.4 30.9 46.3

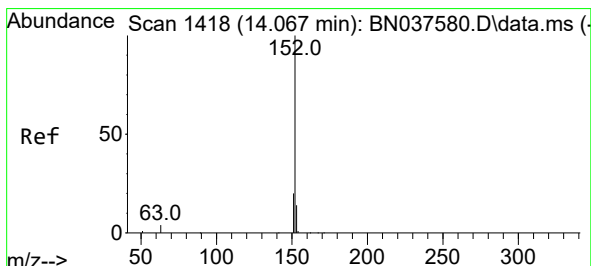
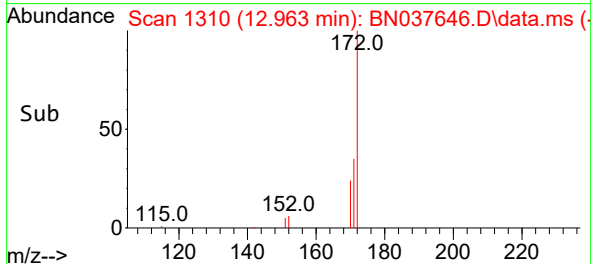
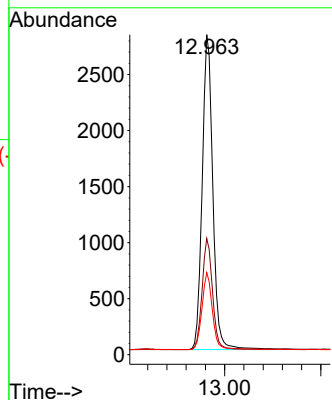
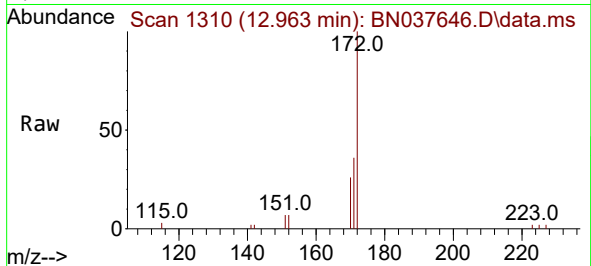




#15  
2-Fluorobiphenyl  
Concen: 0.381 ng  
RT: 12.963 min Scan# 11  
Delta R.T. -0.015 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

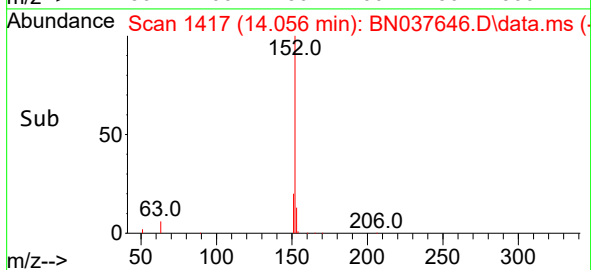
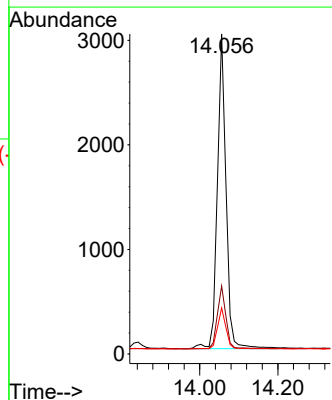
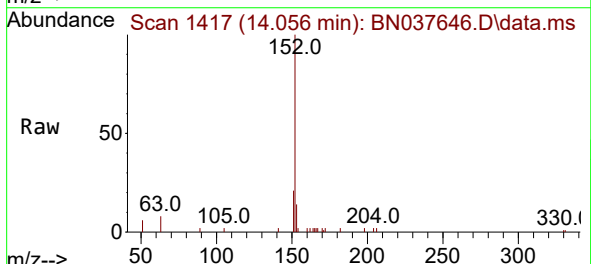
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

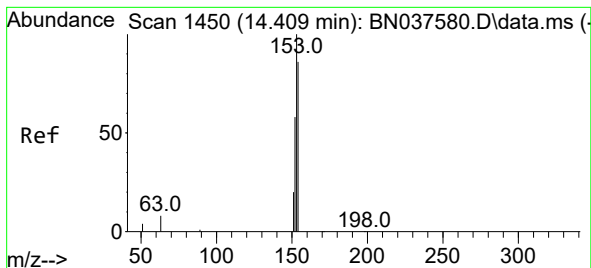
Tgt Ion:172 Resp: 5835  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.2 42.4  
170 25.6 19.2 28.8



#16  
Acenaphthylene  
Concen: 0.390 ng  
RT: 14.056 min Scan# 1417  
Delta R.T. -0.011 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

Tgt Ion:152 Resp: 4631  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.1 24.1  
153 13.0 10.7 16.1





#17

Acenaphthene

Concen: 0.383 ng

RT: 14.398 min Scan# 1449

Delta R.T. -0.011 min

Lab File: BN037646.D

Acq: 21 Aug 2025 13:11

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

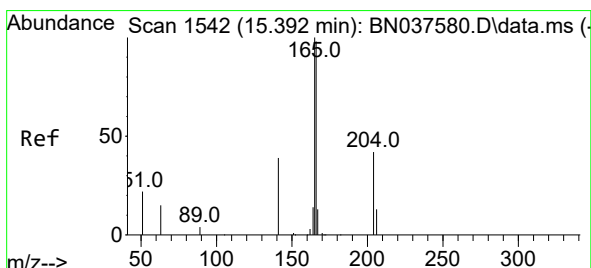
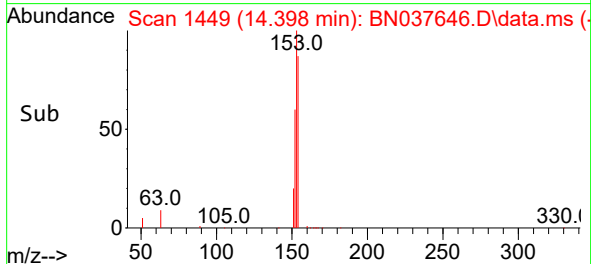
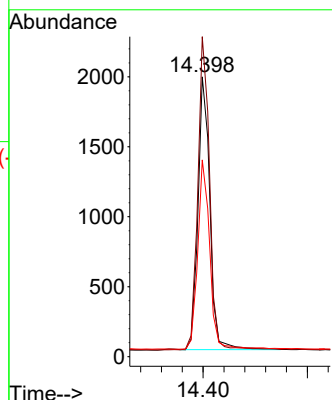
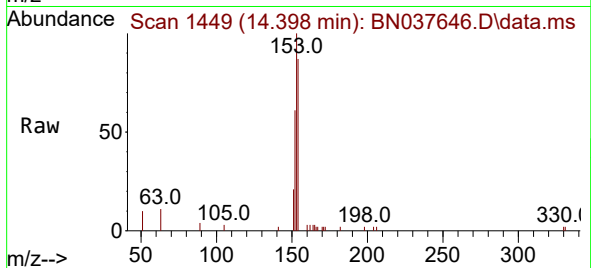
Tgt Ion:154 Resp: 3091

Ion Ratio Lower Upper

154 100

153 114.1 90.6 135.8

152 70.3 54.9 82.3



#18

Fluorene

Concen: 0.387 ng

RT: 15.392 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BN037646.D

Acq: 21 Aug 2025 13:11

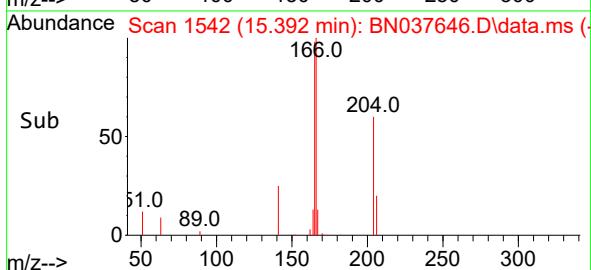
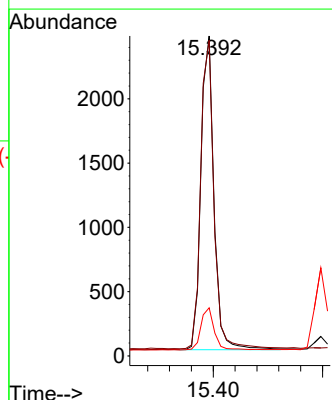
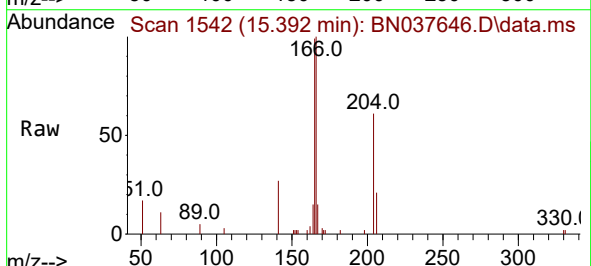
Tgt Ion:166 Resp: 4089

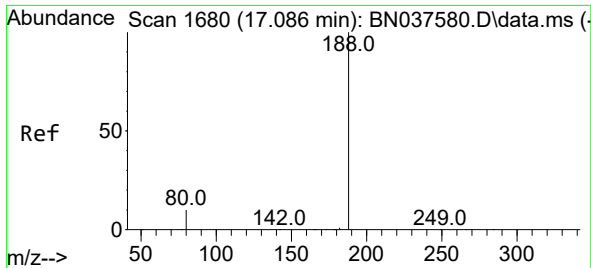
Ion Ratio Lower Upper

166 100

165 100.2 78.9 118.3

167 13.7 10.7 16.1

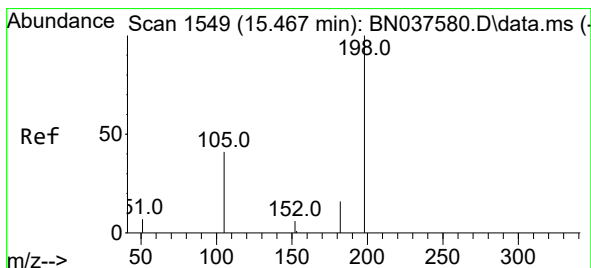
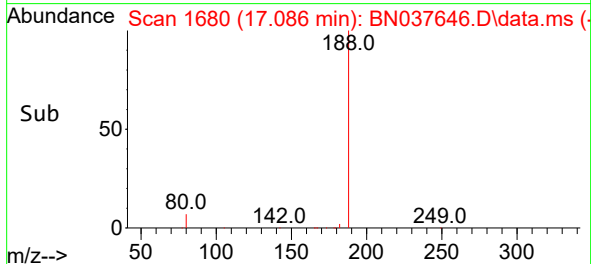
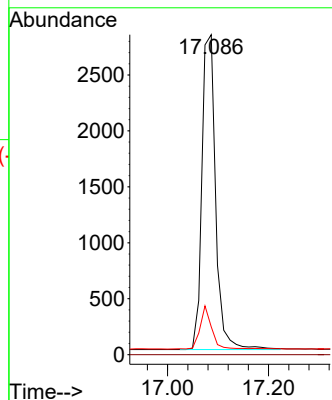
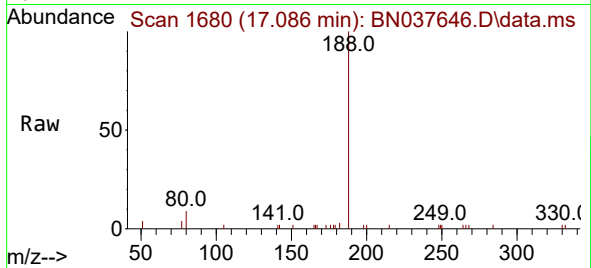




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.086 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

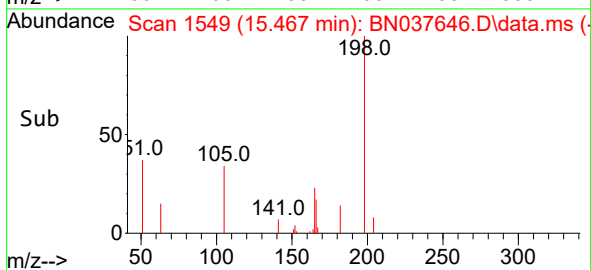
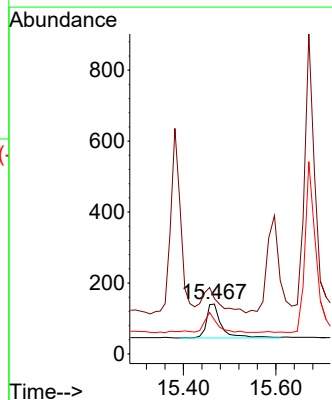
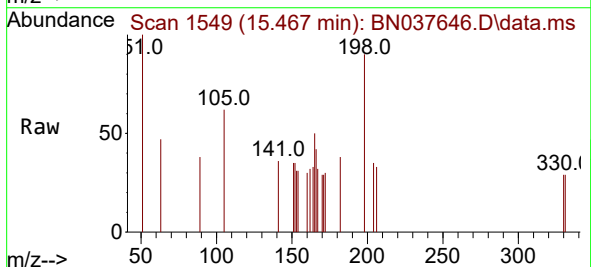
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

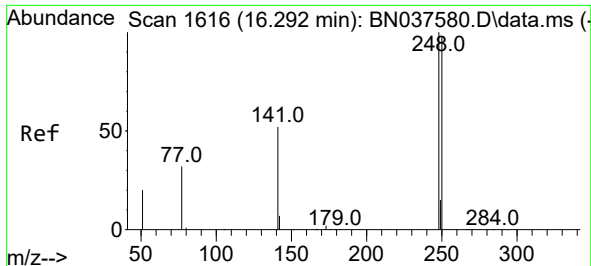
Tgt Ion:188 Resp: 5337  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.7 9.1 13.7#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.419 ng  
RT: 15.467 min Scan# 1549  
Delta R.T. 0.000 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

Tgt Ion:198 Resp: 231  
Ion Ratio Lower Upper  
198 100  
51 110.6 81.0 121.6  
105 68.1 52.5 78.7

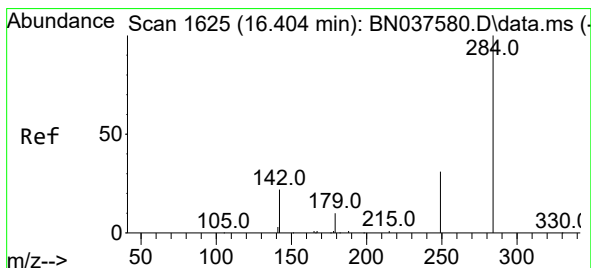
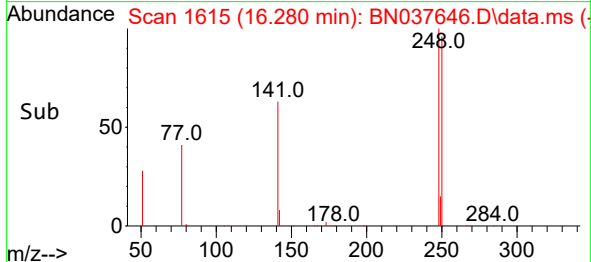
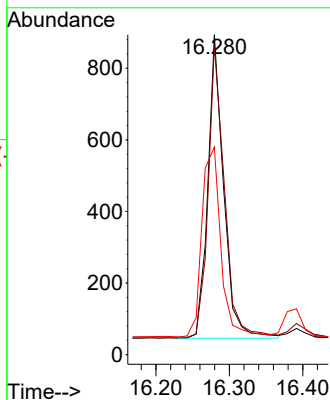
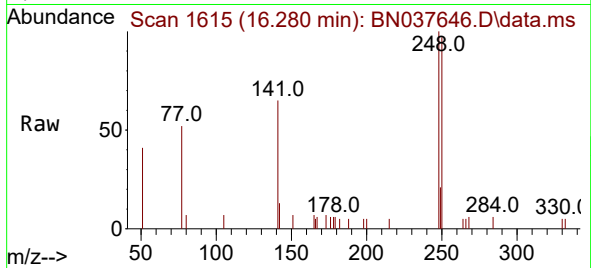




#21  
4-Bromophenyl-phenylether  
Concen: 0.378 ng  
RT: 16.280 min Scan# 1615  
Delta R.T. -0.012 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

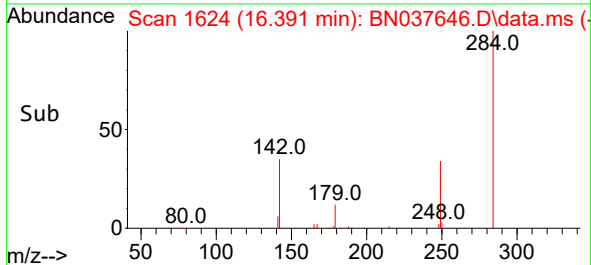
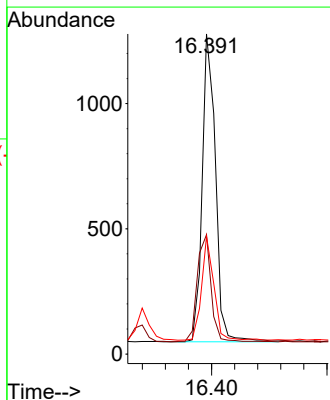
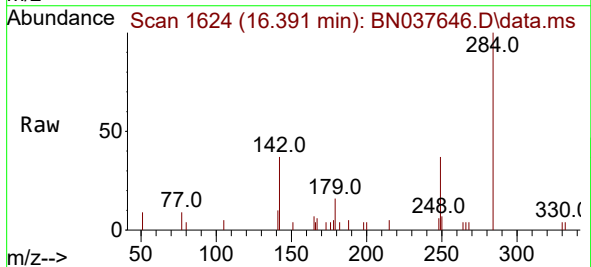
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

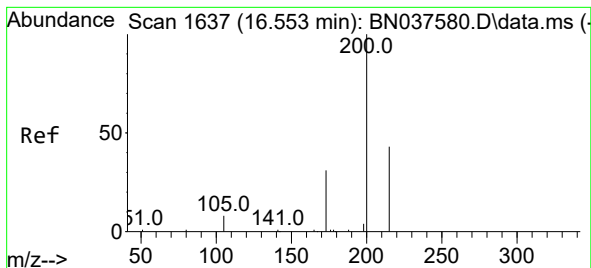
Tgt Ion:248 Resp: 1267  
Ion Ratio Lower Upper  
248 100  
250 96.8 78.6 118.0  
141 64.9 43.7 65.5



#22  
Hexachlorobenzene  
Concen: 0.413 ng  
RT: 16.391 min Scan# 1624  
Delta R.T. -0.013 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

Tgt Ion:284 Resp: 1963  
Ion Ratio Lower Upper  
284 100  
142 36.7 29.8 44.6  
249 31.6 26.0 39.0





#23

Atrazine

Concen: 0.428 ng

RT: 16.553 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037646.D

Acq: 21 Aug 2025 13:11

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

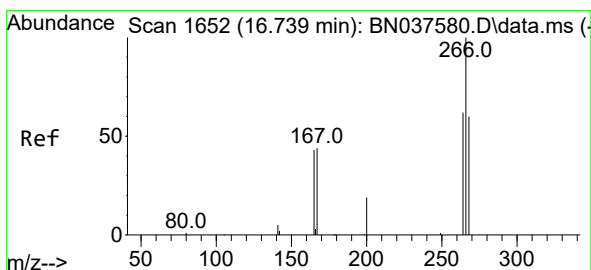
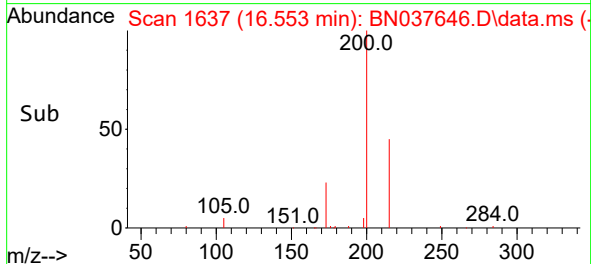
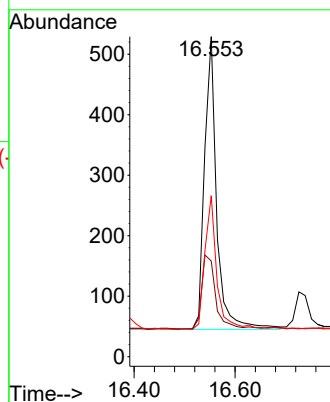
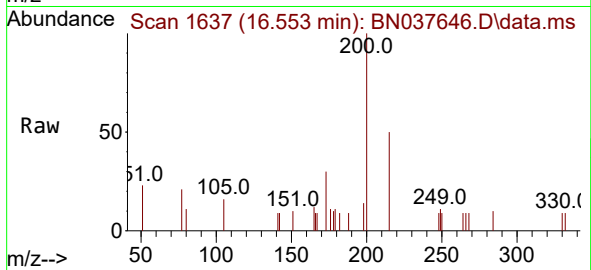
Tgt Ion:200 Resp: 812

Ion Ratio Lower Upper

200 100

173 29.9 31.0 46.4#

215 50.3 39.4 59.0



#24

Pentachlorophenol

Concen: 0.394 ng

RT: 16.739 min Scan# 1652

Delta R.T. -0.000 min

Lab File: BN037646.D

Acq: 21 Aug 2025 13:11

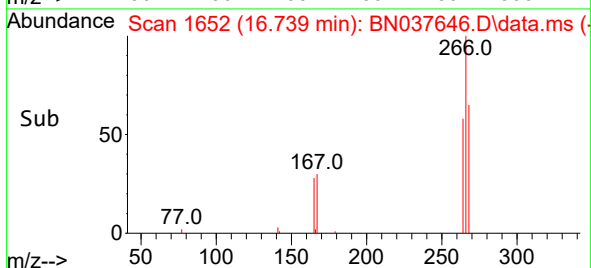
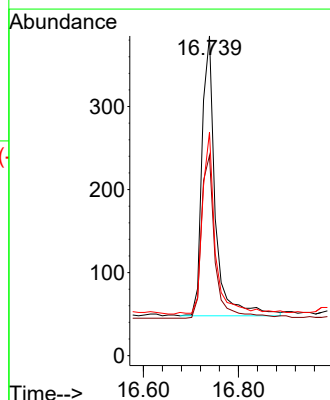
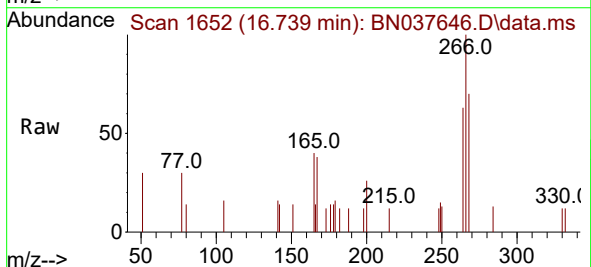
Tgt Ion:266 Resp: 658

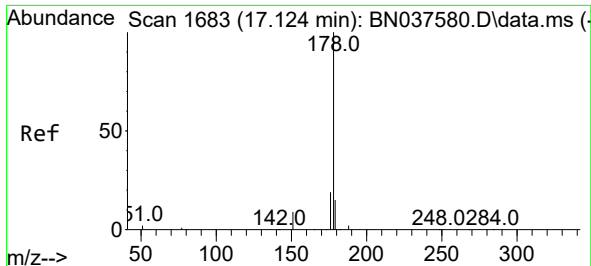
Ion Ratio Lower Upper

266 100

264 59.6 49.6 74.4

268 63.2 49.2 73.8

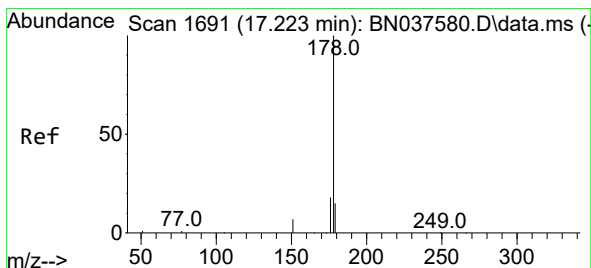
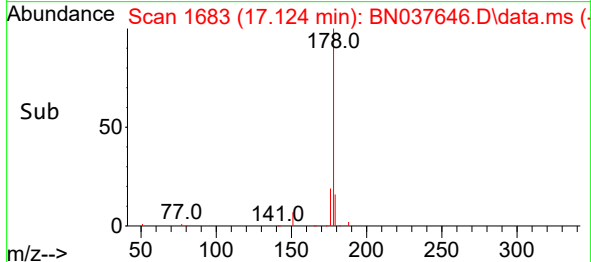
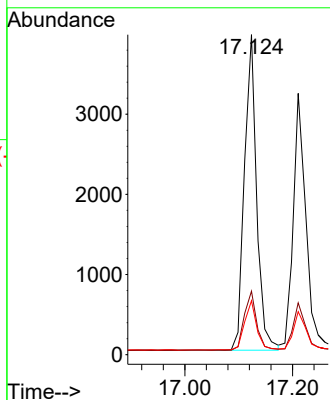
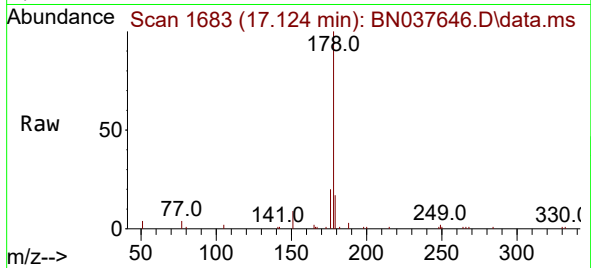




#25  
Phenanthrene  
Concen: 0.383 ng  
RT: 17.124 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

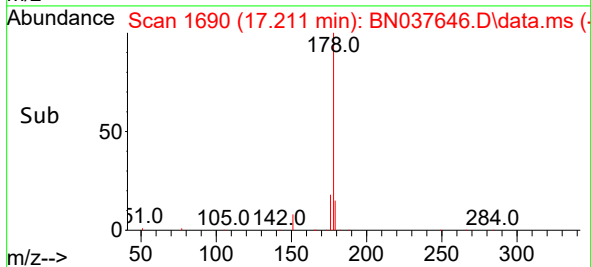
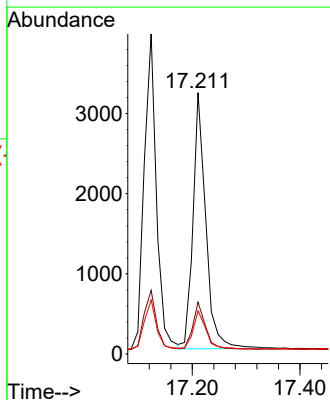
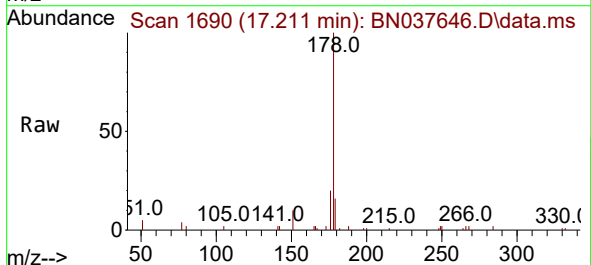
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

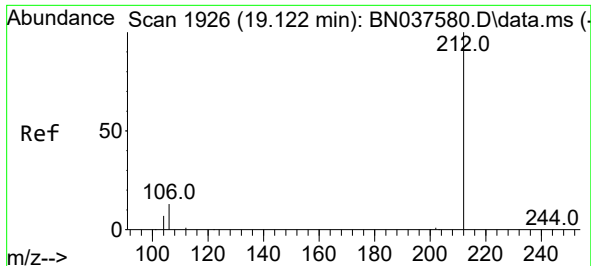
Tgt Ion:178 Resp: 6222  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.0 22.6  
179 15.5 12.3 18.5



#26  
Anthracene  
Concen: 0.369 ng  
RT: 17.211 min Scan# 1690  
Delta R.T. -0.012 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

Tgt Ion:178 Resp: 5301  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.7 22.1  
179 14.9 12.3 18.5





#27

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.113 min Scan# 1924

Delta R.T. -0.009 min

Lab File: BN037646.D

Acq: 21 Aug 2025 13:11

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

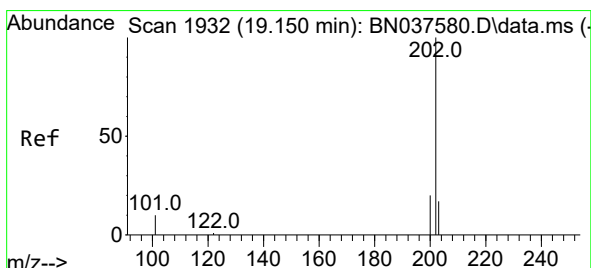
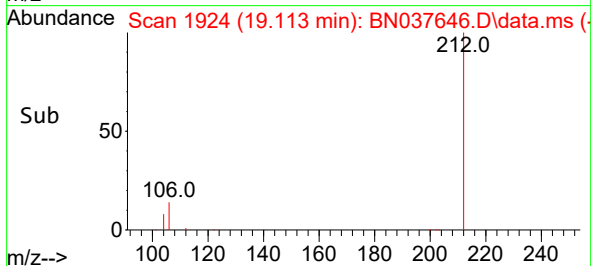
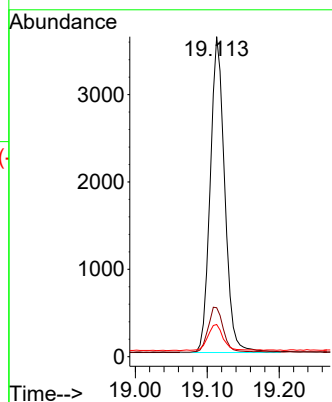
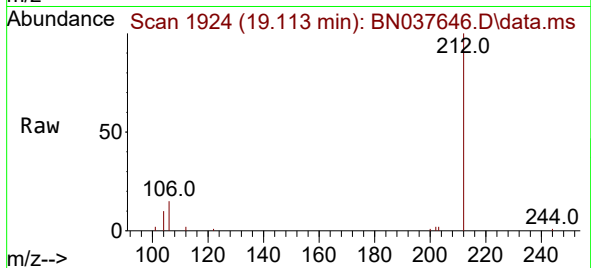
Tgt Ion:212 Resp: 5059

Ion Ratio Lower Upper

212 100

106 14.9 11.5 17.3

104 8.7 6.6 9.8



#28

Fluoranthene

Concen: 0.369 ng

RT: 19.146 min Scan# 1931

Delta R.T. -0.005 min

Lab File: BN037646.D

Acq: 21 Aug 2025 13:11

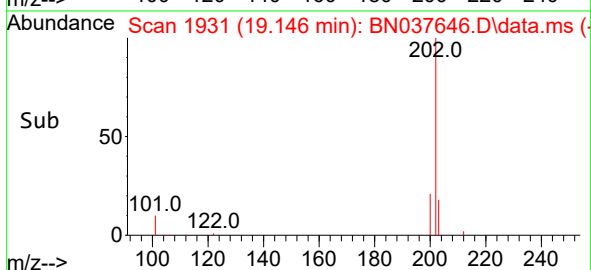
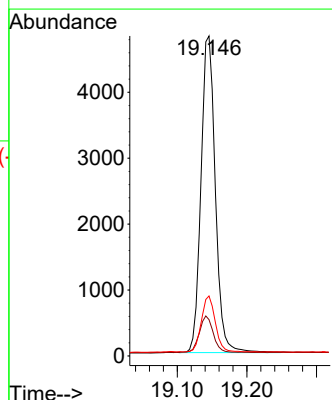
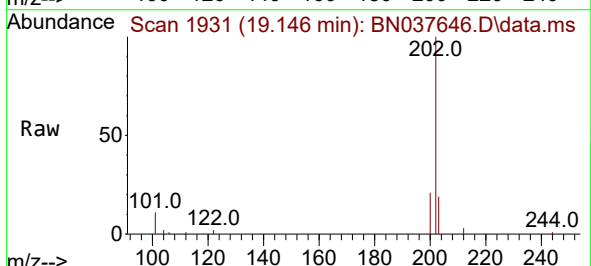
Tgt Ion:202 Resp: 6871

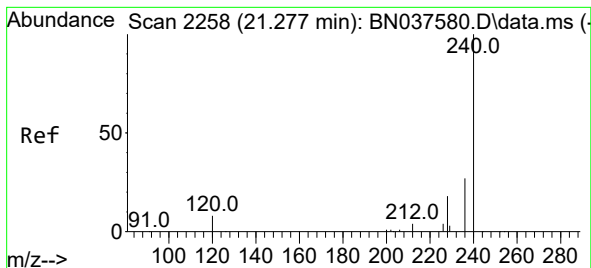
Ion Ratio Lower Upper

202 100

101 11.3 9.0 13.6

203 17.1 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037646.D

Acq: 21 Aug 2025 13:11

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

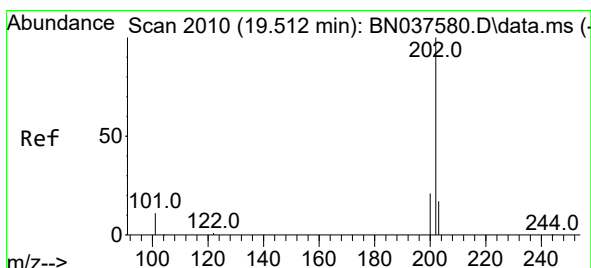
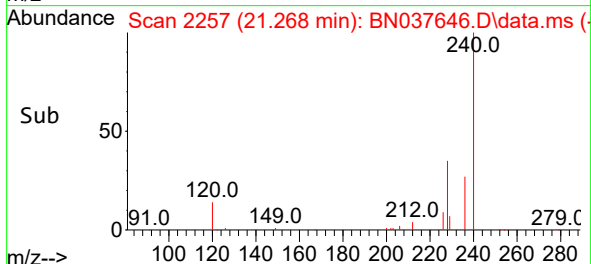
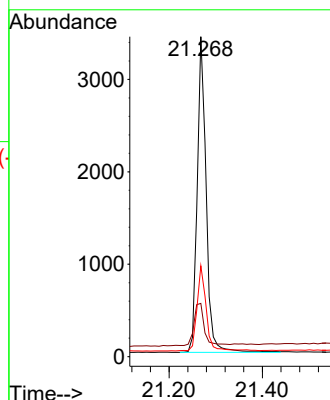
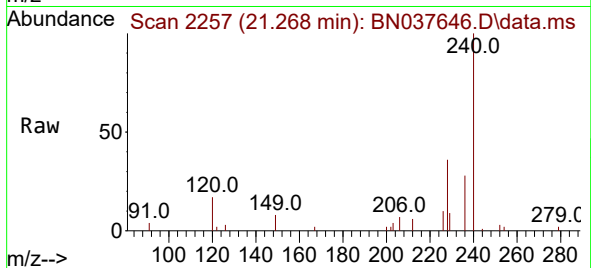
Tgt Ion:240 Resp: 4565

Ion Ratio Lower Upper

240 100

120 16.6 8.9 13.3#

236 28.4 22.6 33.8



#30

Pyrene

Concen: 0.390 ng

RT: 19.508 min Scan# 2009

Delta R.T. -0.005 min

Lab File: BN037646.D

Acq: 21 Aug 2025 13:11

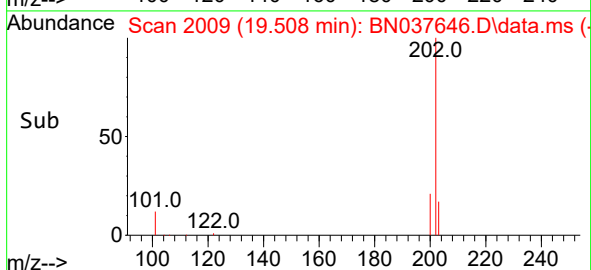
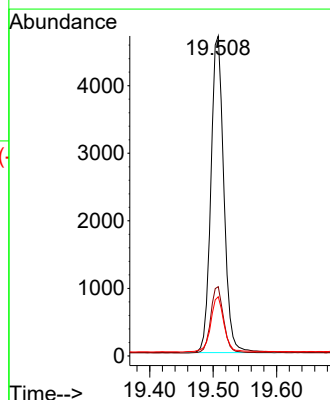
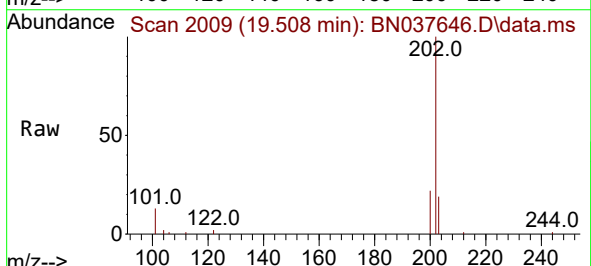
Tgt Ion:202 Resp: 6655

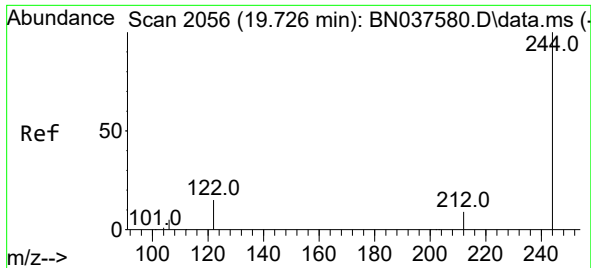
Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

203 18.1 14.3 21.5

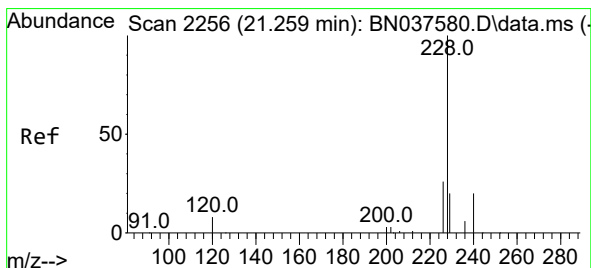
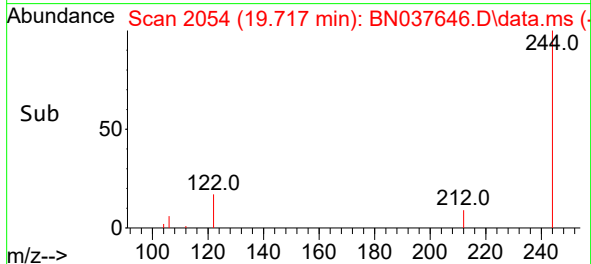
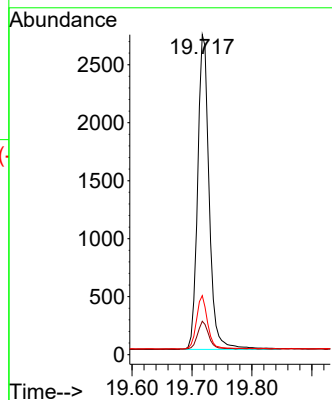
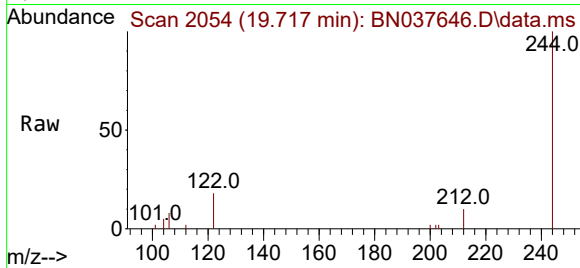




#31  
 Terphenyl-d14  
 Concen: 0.385 ng  
 RT: 19.717 min Scan# 2054  
 Delta R.T. -0.009 min  
 Lab File: BN037646.D  
 Acq: 21 Aug 2025 13:11

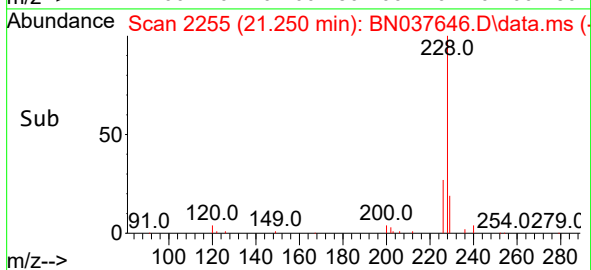
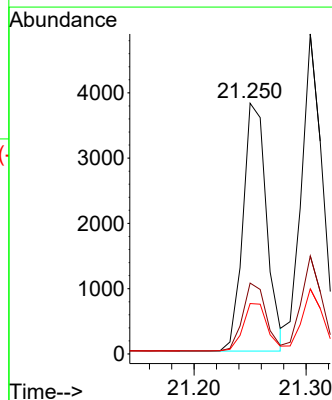
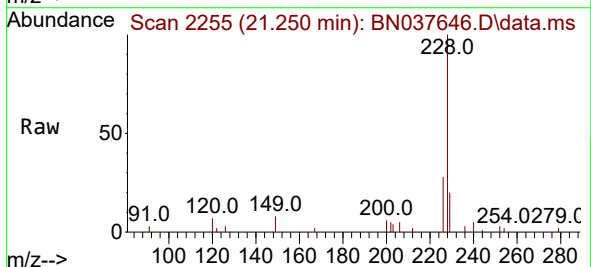
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

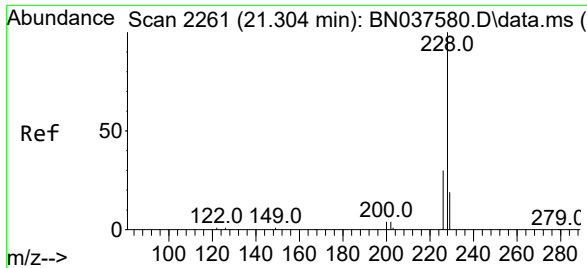
Tgt Ion:244 Resp: 3616  
 Ion Ratio Lower Upper  
 244 100  
 212 10.4 8.2 12.2  
 122 18.4 13.2 19.8



#32  
 Benzo(a)anthracene  
 Concen: 0.365 ng  
 RT: 21.250 min Scan# 2255  
 Delta R.T. -0.009 min  
 Lab File: BN037646.D  
 Acq: 21 Aug 2025 13:11

Tgt Ion:228 Resp: 5562  
 Ion Ratio Lower Upper  
 228 100  
 226 28.3 21.5 32.3  
 229 20.1 16.5 24.7





#33

Chrysene

Concen: 0.389 ng

RT: 21.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037646.D

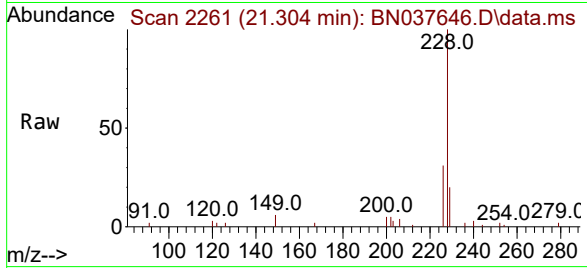
Acq: 21 Aug 2025 13:11

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



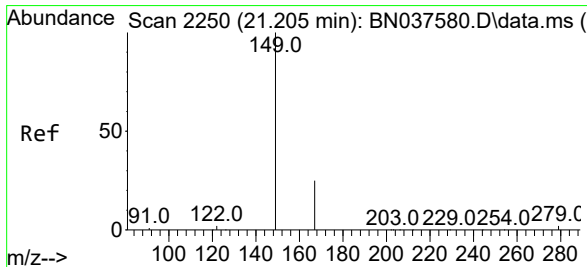
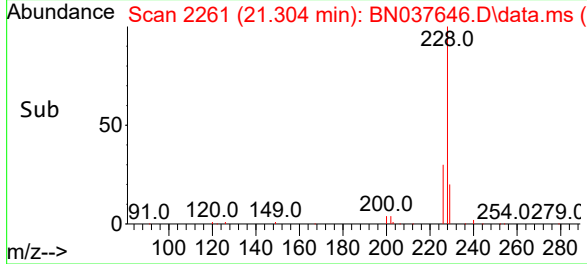
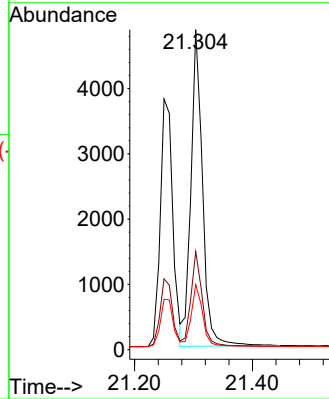
Tgt Ion:228 Resp: 6617

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

229 20.4 15.8 23.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.417 ng

RT: 21.196 min Scan# 2249

Delta R.T. -0.009 min

Lab File: BN037646.D

Acq: 21 Aug 2025 13:11

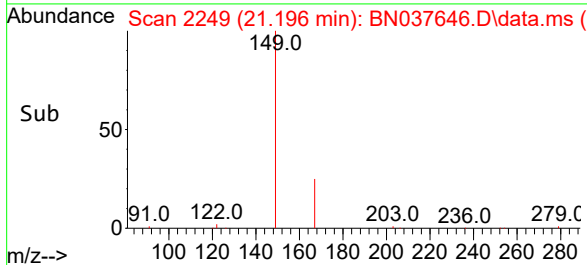
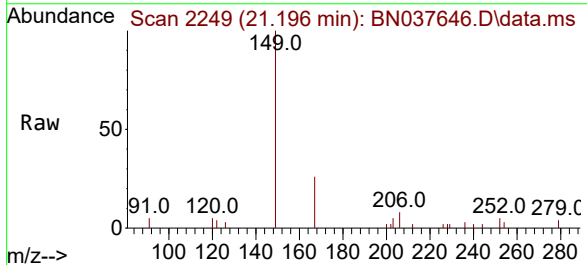
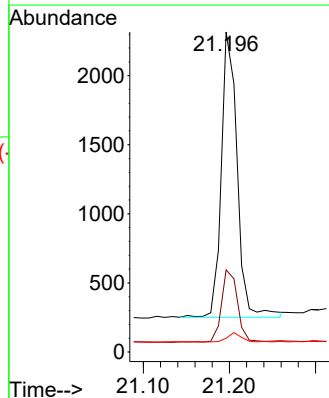
Tgt Ion:149 Resp: 2627

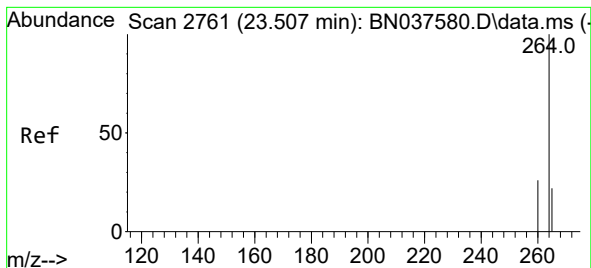
Ion Ratio Lower Upper

149 100

167 25.2 20.5 30.7

279 2.8 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.505 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN037646.D

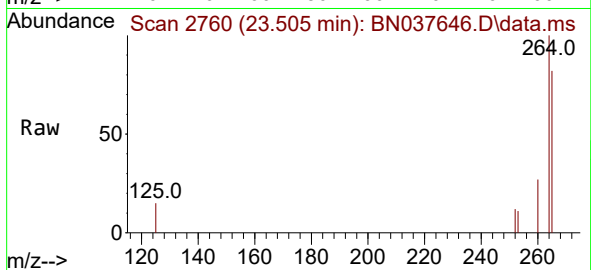
Acq: 21 Aug 2025 13:11

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



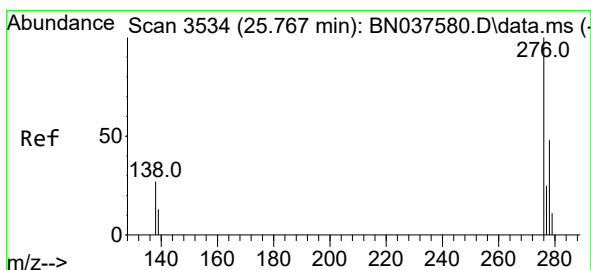
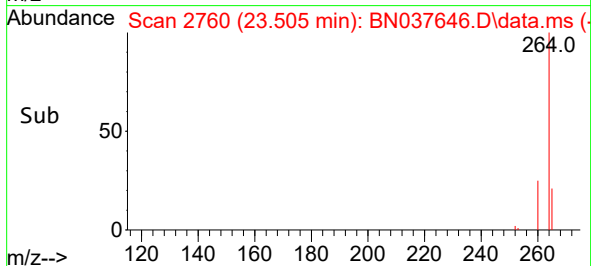
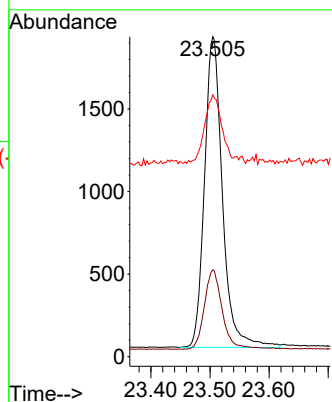
Tgt Ion:264 Resp: 3968

Ion Ratio Lower Upper

264 100

260 27.1 21.6 32.4

265 81.8 48.2 72.4#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.367 ng

RT: 25.759 min Scan# 3531

Delta R.T. -0.009 min

Lab File: BN037646.D

Acq: 21 Aug 2025 13:11

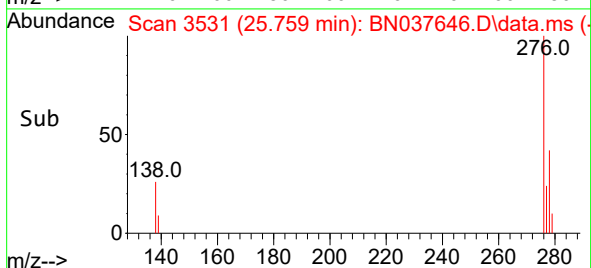
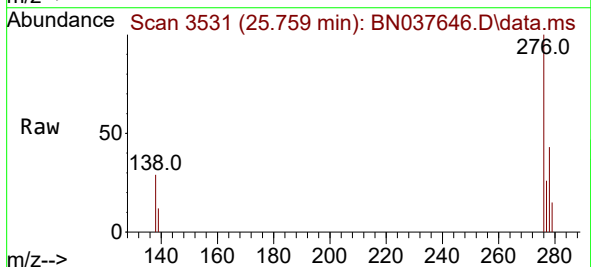
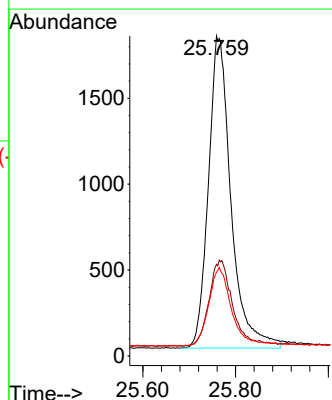
Tgt Ion:276 Resp: 6142

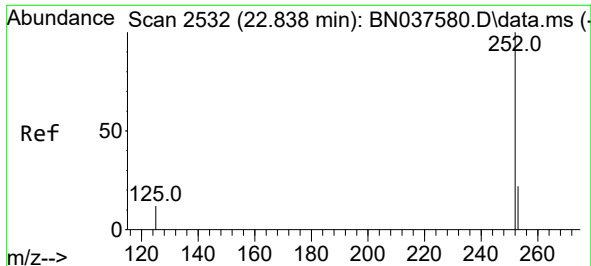
Ion Ratio Lower Upper

276 100

138 28.2 23.3 34.9

277 24.5 19.5 29.3

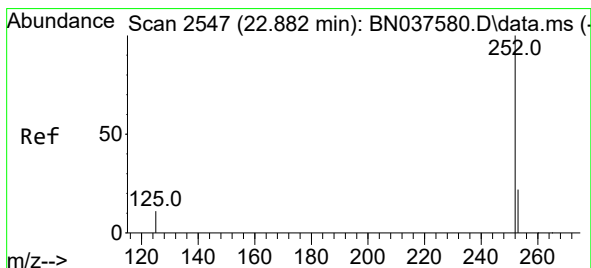
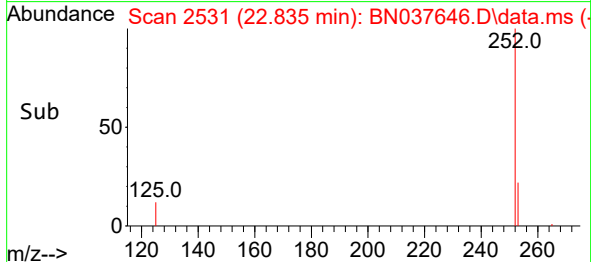
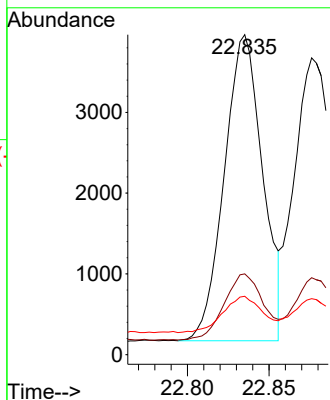
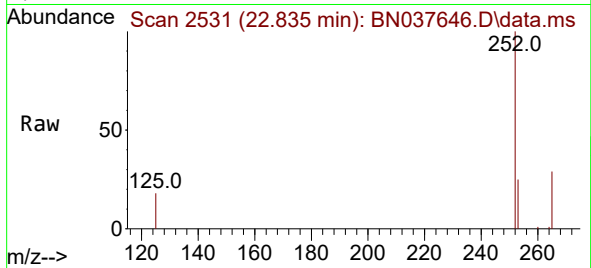




#37  
Benzo(b)fluoranthene  
Concen: 0.412 ng  
RT: 22.835 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

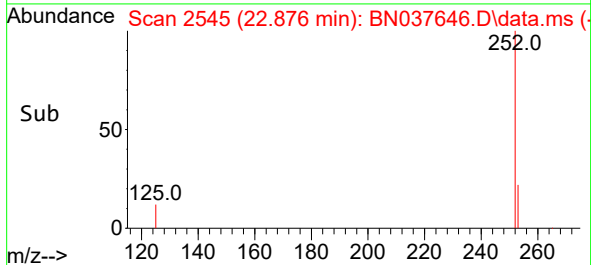
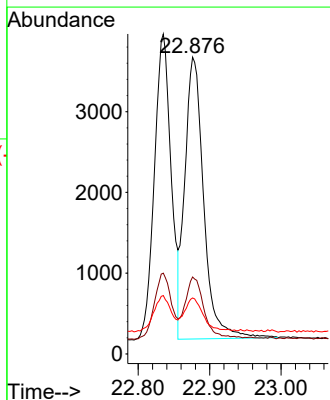
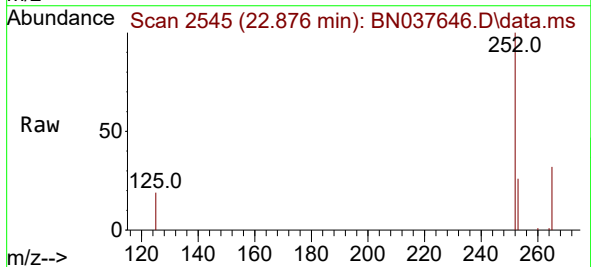
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

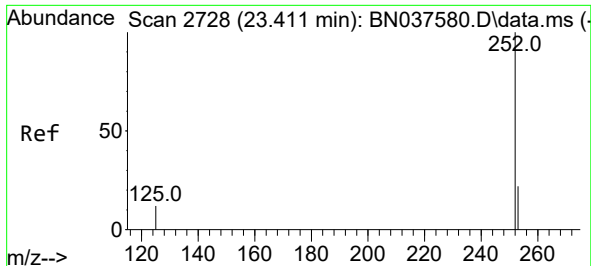
Tgt Ion:252 Resp: 6190  
Ion Ratio Lower Upper  
252 100  
253 25.3 20.0 30.0  
125 18.3 13.8 20.6



#38  
Benzo(k)fluoranthene  
Concen: 0.378 ng  
RT: 22.876 min Scan# 2545  
Delta R.T. -0.006 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

Tgt Ion:252 Resp: 6418  
Ion Ratio Lower Upper  
252 100  
253 25.9 19.9 29.9  
125 18.9 15.0 22.6

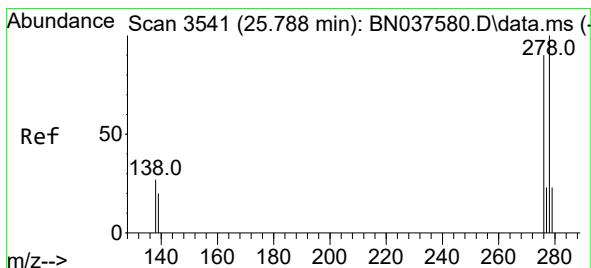
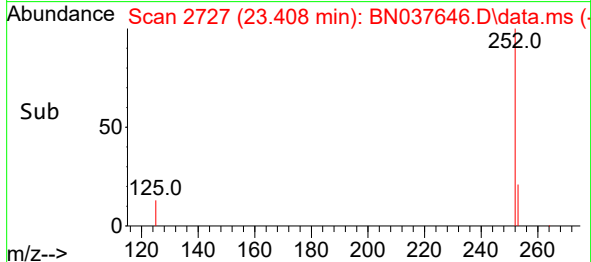
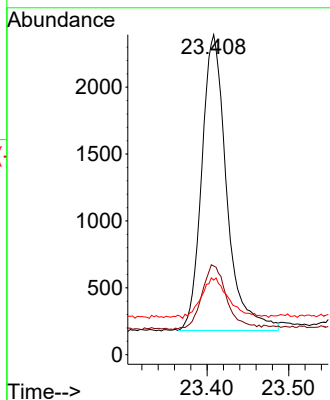
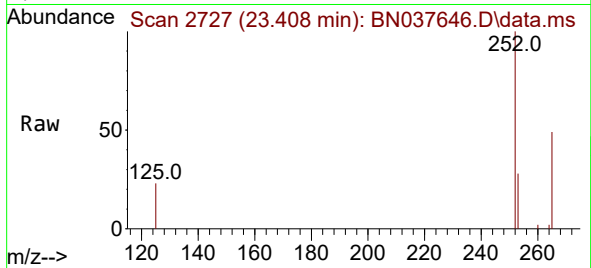




#39  
Benzo(a)pyrene  
Concen: 0.376 ng  
RT: 23.408 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

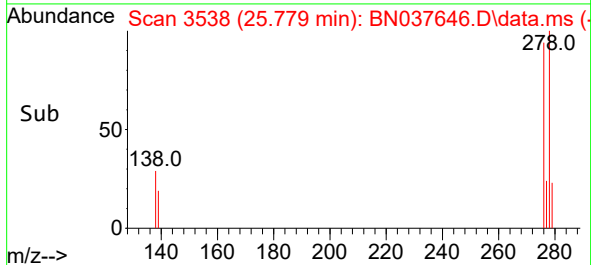
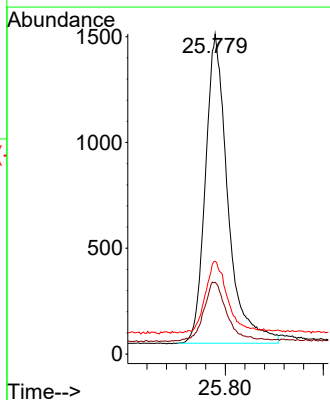
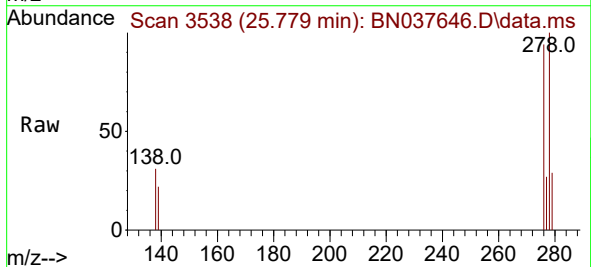
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

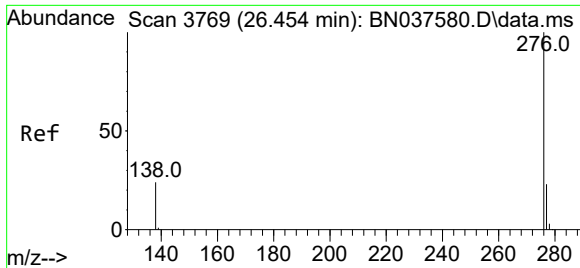
Tgt Ion:252 Resp: 4690  
Ion Ratio Lower Upper  
252 100  
253 27.7 21.6 32.4  
125 23.3 16.8 25.2



#40  
Dibenzo(a,h)anthracene  
Concen: 0.358 ng  
RT: 25.779 min Scan# 3538  
Delta R.T. -0.009 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

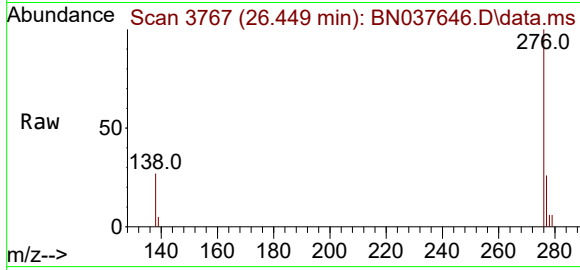
Tgt Ion:278 Resp: 4641  
Ion Ratio Lower Upper  
278 100  
139 22.4 18.3 27.5  
279 28.9 22.5 33.7





#41  
Benzo(g,h,i)perylene  
Concen: 0.409 ng  
RT: 26.449 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BN037646.D  
Acq: 21 Aug 2025 13:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:276 Resp: 5592  
Ion Ratio Lower Upper  
276 100  
277 25.5 21.0 31.4  
138 27.4 21.7 32.5

