

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052925\  
 Data File : BN037131.D  
 Acq On : 29 May 2025 12:51  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: May 29 13:17:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 14 11:26:32 2025  
 Response via : Initial Calibration

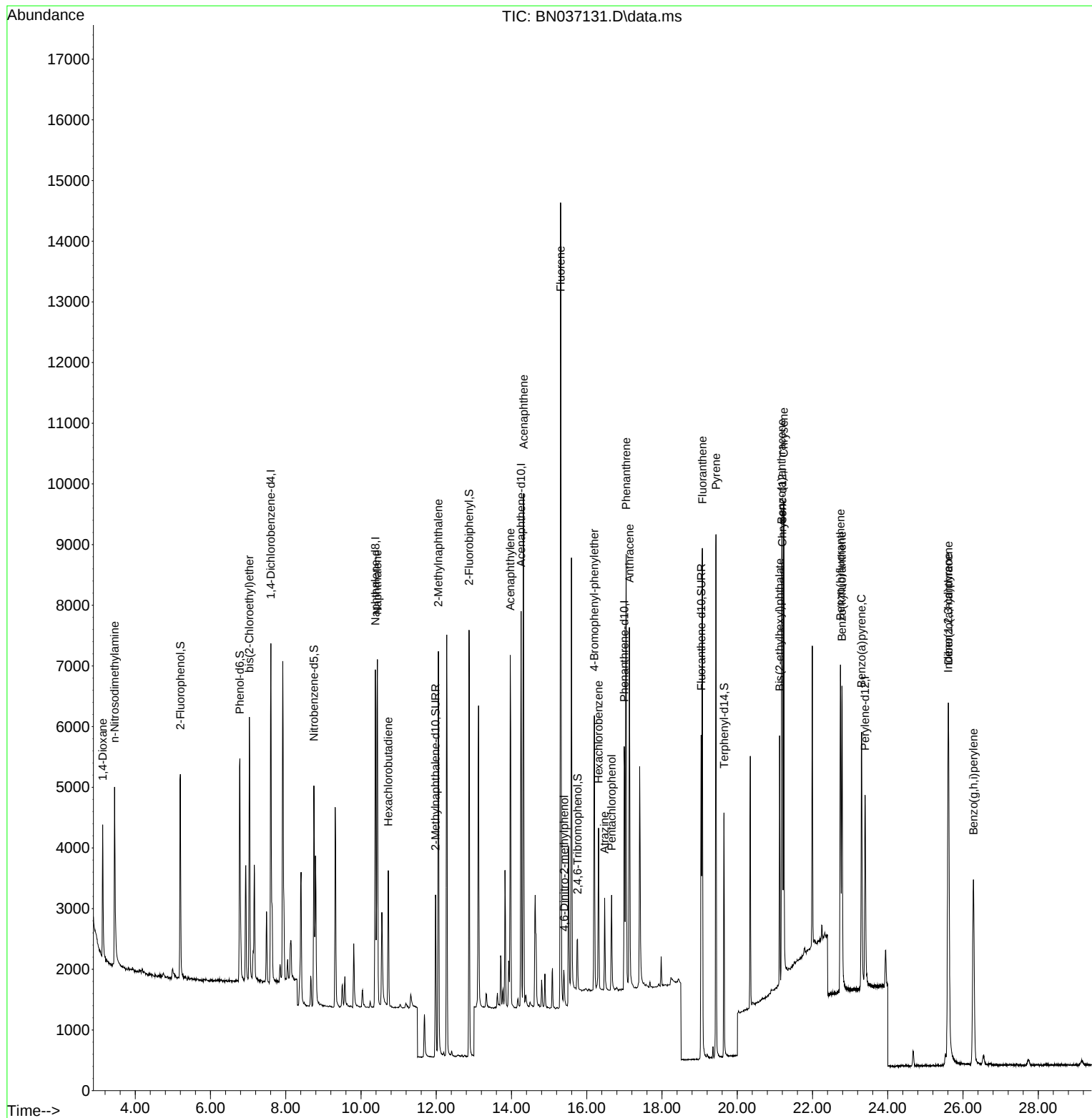
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.604  | 152  | 2551     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.383 | 136  | 6694     | 0.400 | ng    | -0.02    |
| 13) Acenaphthene-d10          | 14.256 | 164  | 3527     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.996 | 188  | 6025     | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.198 | 240  | 4226     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.398 | 264  | 4247     | 0.400 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.199  | 112  | 2458     | 0.368 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.781  | 99   | 2907     | 0.348 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.749  | 82   | 2739     | 0.376 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 11.981 | 152  | 3795     | 0.403 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 512      | 0.331 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.873 | 172  | 5946     | 0.368 | ng    | -0.02    |
| 27) Fluoranthene-d10          | 19.040 | 212  | 5903     | 0.357 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.649 | 244  | 3887     | 0.430 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.133  | 88   | 1187     | 0.379 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.451  | 42   | 2611     | 0.388 | ng    | # 91     |
| 6) bis(2-Chloroethyl)ether    | 7.033  | 93   | 2925     | 0.380 | ng    | 98       |
| 9) Naphthalene                | 10.436 | 128  | 7383     | 0.373 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.725 | 225  | 1680     | 0.405 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.057 | 142  | 4654     | 0.366 | ng    | 99       |
| 16) Acenaphthylene            | 13.967 | 152  | 6217     | 0.362 | ng    | 100      |
| 17) Acenaphthene              | 14.320 | 154  | 4181     | 0.373 | ng    | 98       |
| 18) Fluorene                  | 15.304 | 166  | 5205     | 0.354 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.400 | 198  | 471      | 0.404 | ng    | 88       |
| 21) 4-Bromophenyl-phenylether | 16.202 | 248  | 1524     | 0.400 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.314 | 284  | 1684     | 0.413 | ng    | 97       |
| 23) Atrazine                  | 16.475 | 200  | 1175     | 0.354 | ng    | 98       |
| 24) Pentachlorophenol         | 16.661 | 266  | 760      | 0.338 | ng    | 96       |
| 25) Phenanthrene              | 17.046 | 178  | 7369     | 0.374 | ng    | 99       |
| 26) Anthracene                | 17.133 | 178  | 6423     | 0.358 | ng    | 99       |
| 28) Fluoranthene              | 19.073 | 202  | 7686     | 0.327 | ng    | 99       |
| 30) Pyrene                    | 19.435 | 202  | 7791     | 0.431 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.180 | 228  | 5733     | 0.360 | ng    | 98       |
| 33) Chrysene                  | 21.233 | 228  | 6542     | 0.389 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.126 | 149  | 3396     | 0.347 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.605 | 276  | 7187     | 0.414 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.743 | 252  | 6394     | 0.363 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 22.784 | 252  | 6552     | 0.377 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.304 | 252  | 5550     | 0.371 | ng    | # 94     |
| 40) Dibenzo(a,h)anthracene    | 25.614 | 278  | 5470     | 0.405 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.278 | 276  | 6291     | 0.429 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

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Sample : SSTDCCC0.4  
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Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

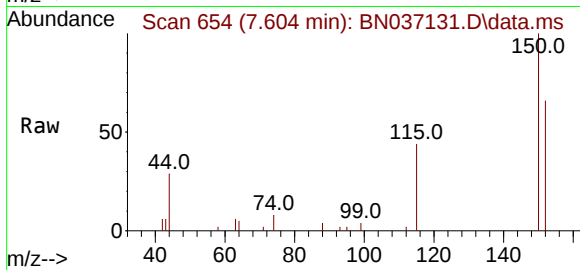
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 14 11:26:32 2025  
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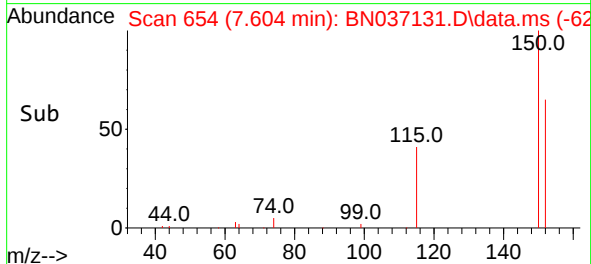
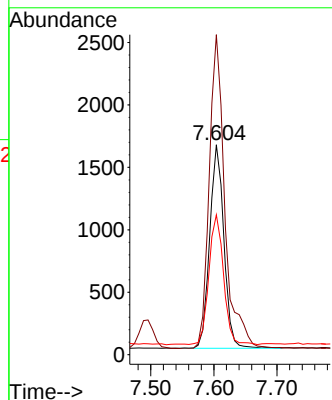
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.604 min Scan# 61  
 Delta R.T. -0.014 min  
 Lab File: BN037131.D  
 Acq: 29 May 2025 12:51

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion:152 Resp: 2551

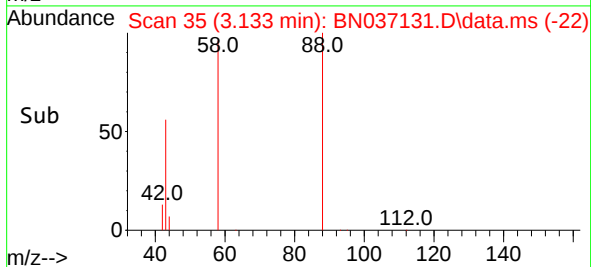
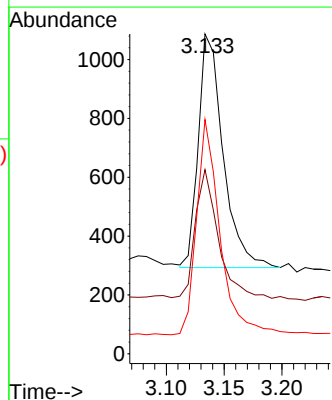
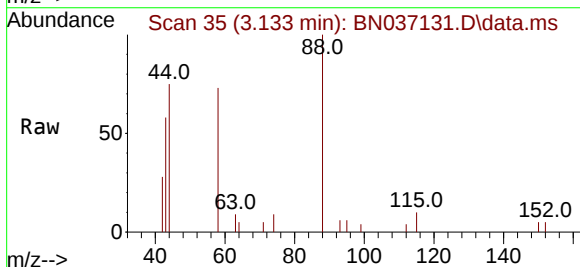
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 152.5 | 123.9 | 185.9 |
| 115 | 66.6  | 55.8  | 83.8  |



#2  
 1,4-Dioxane  
 Concen: 0.379 ng  
 RT: 3.133 min Scan# 35  
 Delta R.T. -0.007 min  
 Lab File: BN037131.D  
 Acq: 29 May 2025 12:51

Tgt Ion: 88 Resp: 1187

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 51.8  | 37.4  | 56.0  |
| 58  | 86.8  | 68.8  | 103.2 |

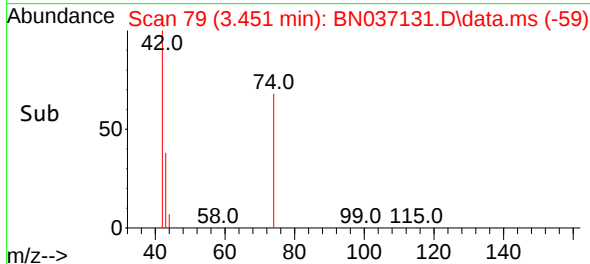
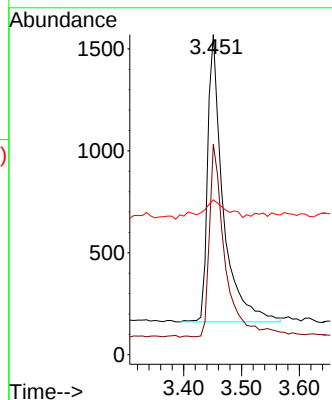
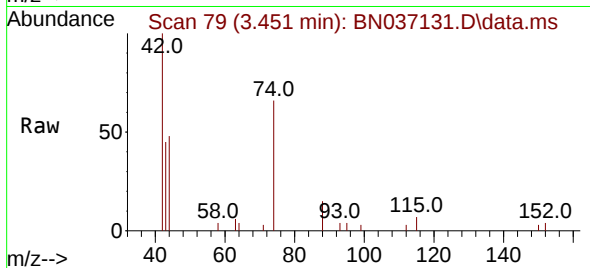




#3  
n-Nitrosodimethylamine  
Concen: 0.388 ng  
RT: 3.451 min Scan# 79  
Delta R.T. -0.007 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

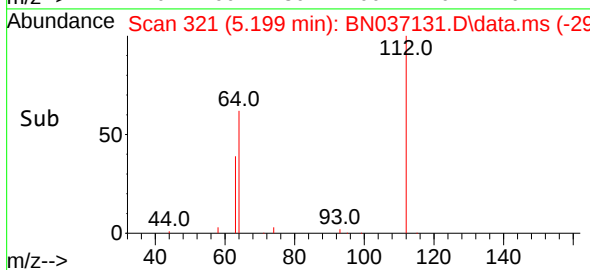
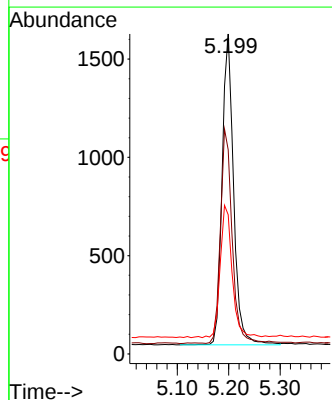
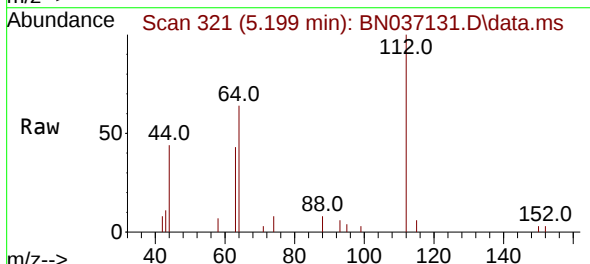
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2611  
Ion Ratio Lower Upper  
42 100  
74 68.2 59.8 89.6  
44 7.6 11.9 17.9#



#4  
2-Fluorophenol  
Concen: 0.368 ng  
RT: 5.199 min Scan# 321  
Delta R.T. -0.014 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

Tgt Ion: 112 Resp: 2458  
Ion Ratio Lower Upper  
112 100  
64 69.6 55.7 83.5  
63 43.9 34.6 51.8

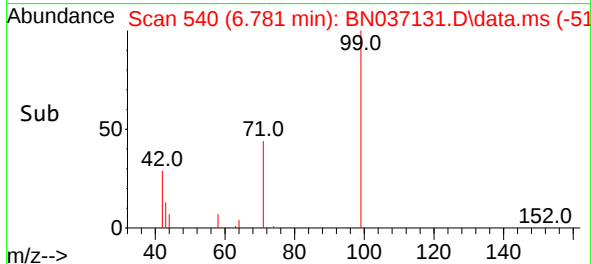
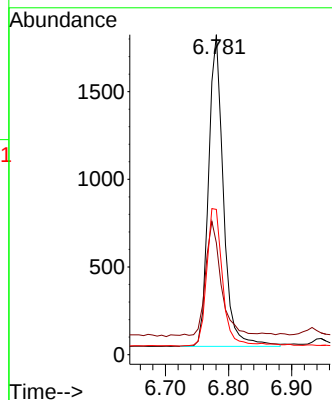
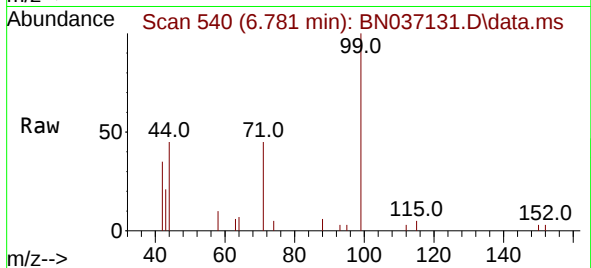




#5  
Phenol-d6  
Concen: 0.348 ng  
RT: 6.781 min Scan# 54  
Delta R.T. -0.014 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

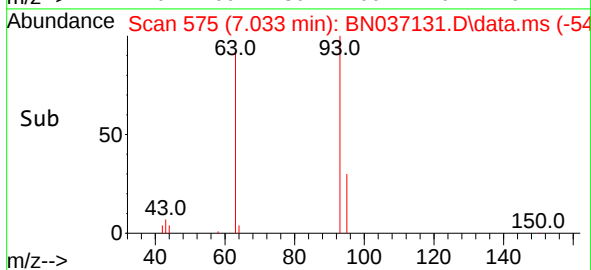
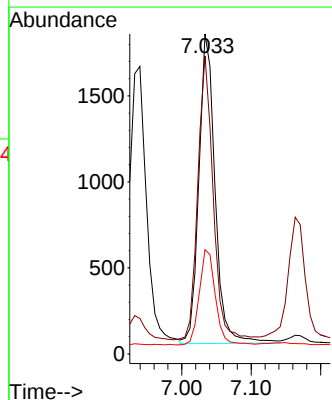
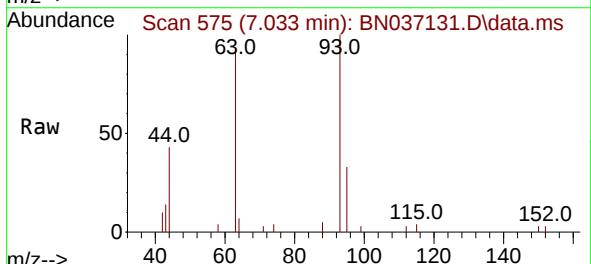
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2907  
Ion Ratio Lower Upper  
99 100  
42 39.9 29.3 43.9  
71 48.0 35.7 53.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.380 ng  
RT: 7.033 min Scan# 575  
Delta R.T. -0.014 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

Tgt Ion: 93 Resp: 2925  
Ion Ratio Lower Upper  
93 100  
63 86.5 70.1 105.1  
95 30.5 26.2 39.2

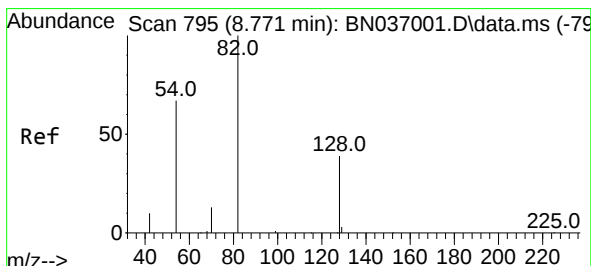
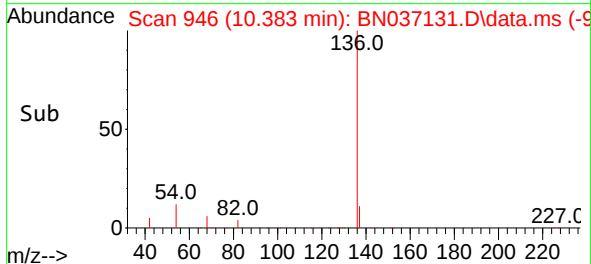
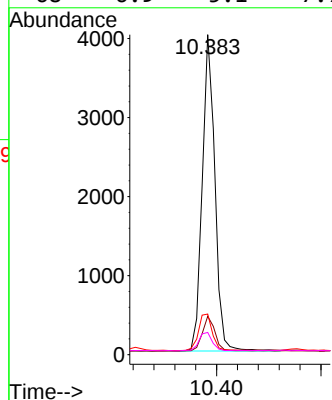
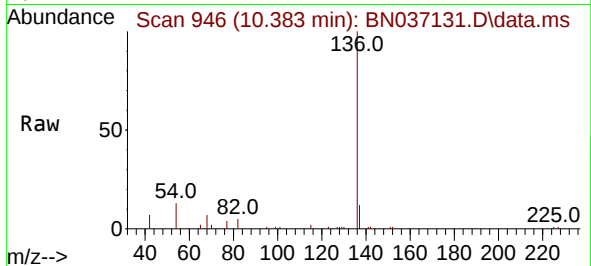




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.383 min Scan# 948  
Delta R.T. -0.021 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

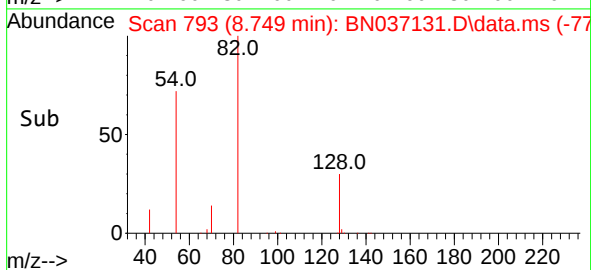
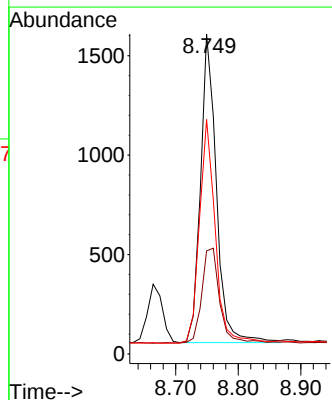
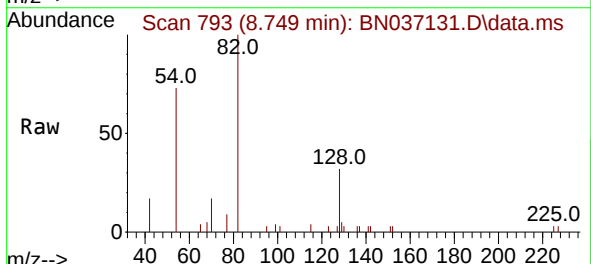
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:136 | Resp: | 6694        |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 12.0  | 10.4 15.6   |
| 54          | 12.7  | 8.5 12.7    |
| 68          | 6.9   | 5.1 7.7     |



#8  
Nitrobenzene-d5  
Concen: 0.376 ng  
RT: 8.749 min Scan# 793  
Delta R.T. -0.021 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 2739        |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 32.2  | 34.0 51.0#  |
| 54          | 73.3  | 55.0 82.4   |

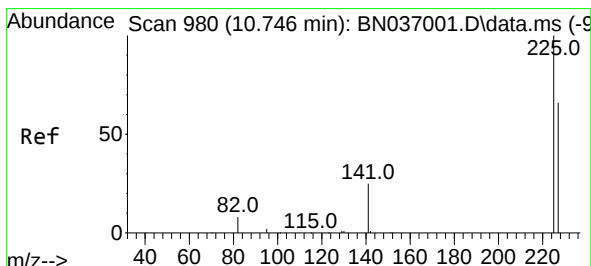
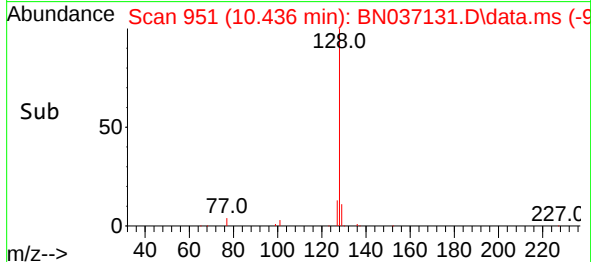
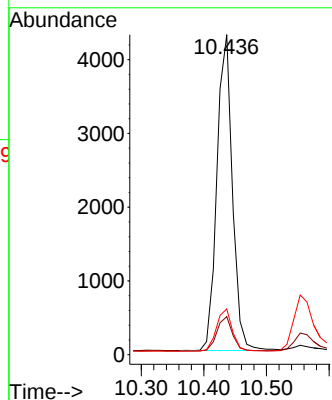
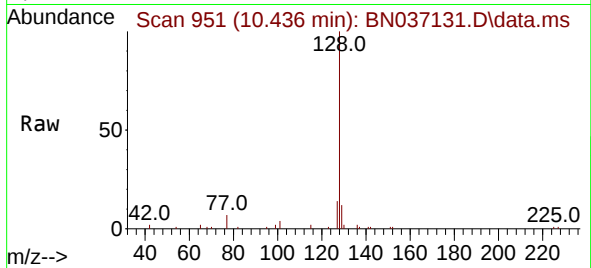




#9  
Naphthalene  
Concen: 0.373 ng  
RT: 10.436 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

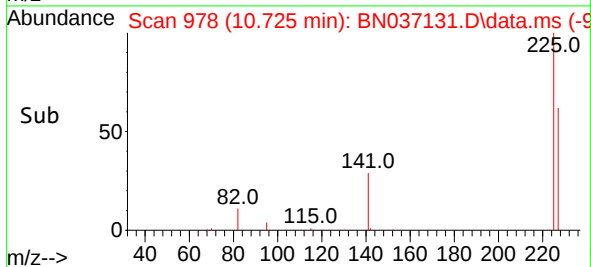
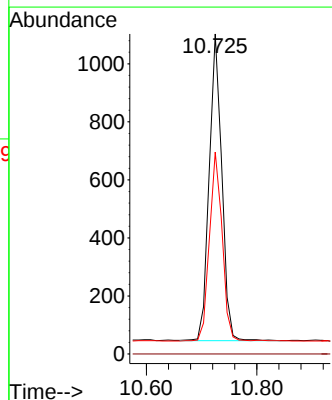
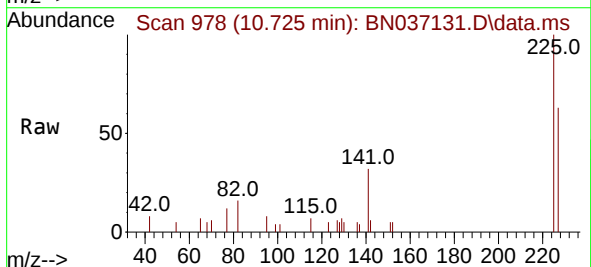
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 7383  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.9  | 9.7   | 14.5  |
| 127      | 14.3  | 12.4  | 18.6  |



#10  
Hexachlorobutadiene  
Concen: 0.405 ng  
RT: 10.725 min Scan# 978  
Delta R.T. -0.021 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1680  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 61.9  | 50.9  | 76.3  |

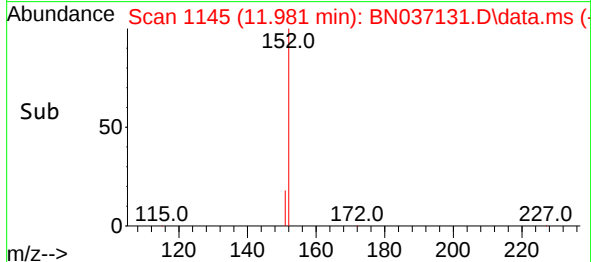
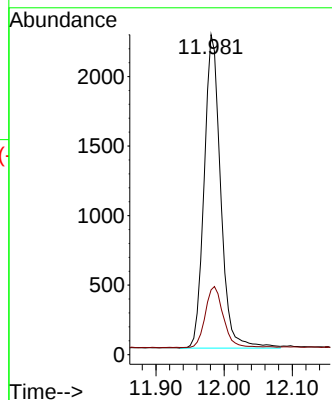
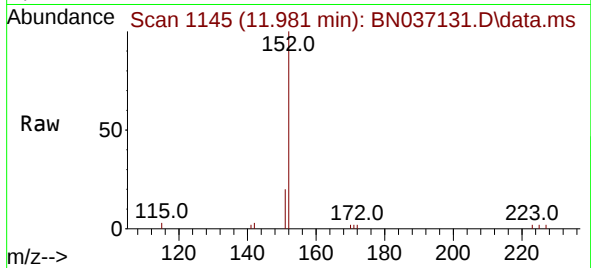




#11  
2-Methylnaphthalene-d10  
Concen: 0.403 ng  
RT: 11.981 min Scan# 1145  
Delta R.T. -0.015 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

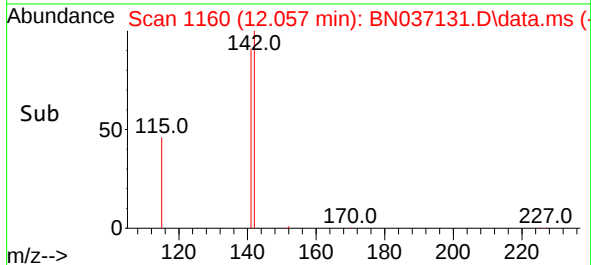
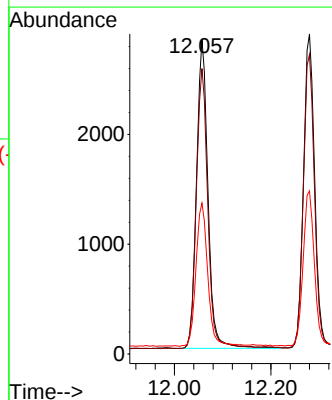
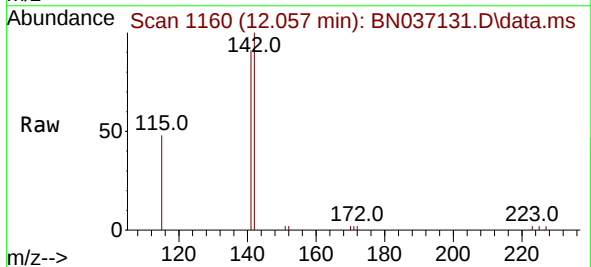
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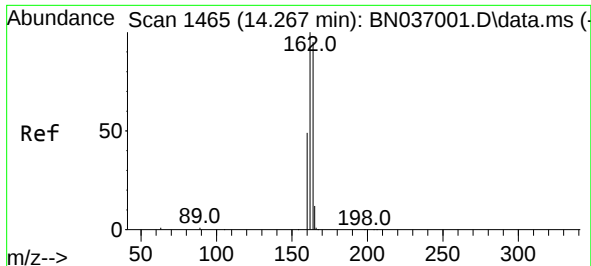
Tgt Ion:152 Resp: 3795  
Ion Ratio Lower Upper  
152 100  
151 21.1 17.5 26.3



#12  
2-Methylnaphthalene  
Concen: 0.366 ng  
RT: 12.057 min Scan# 1160  
Delta R.T. -0.015 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

Tgt Ion:142 Resp: 4654  
Ion Ratio Lower Upper  
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141 90.8 73.3 109.9  
115 48.0 38.4 57.6

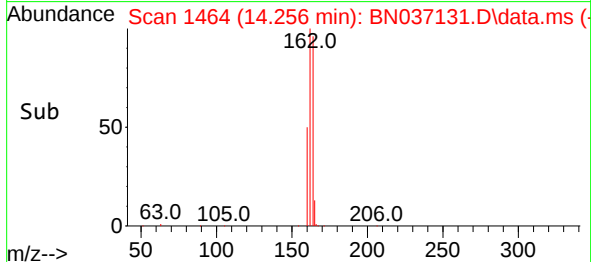
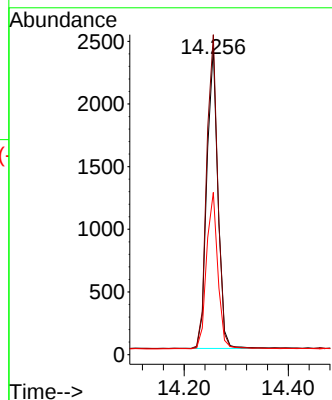
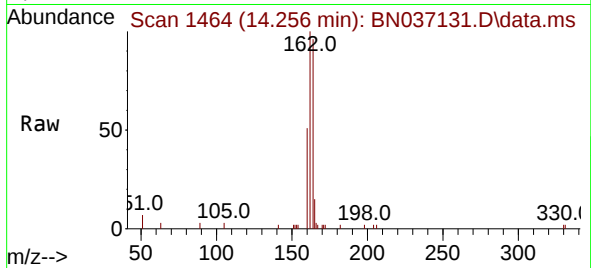




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.256 min Scan# 1464  
Delta R.T. -0.011 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

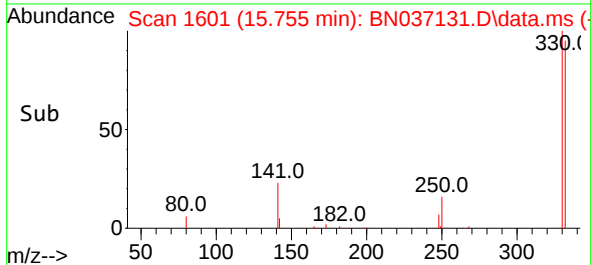
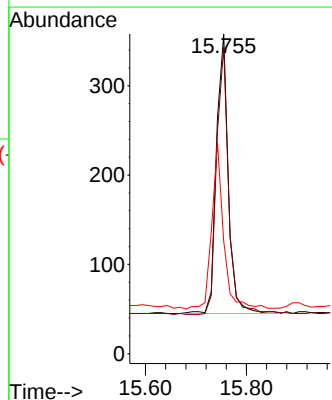
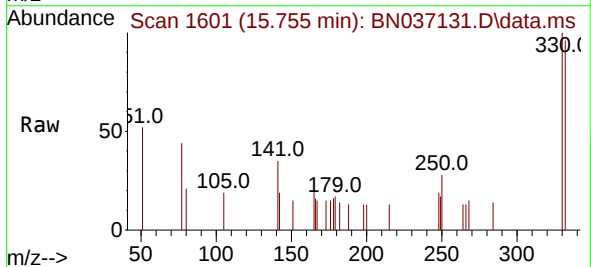
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

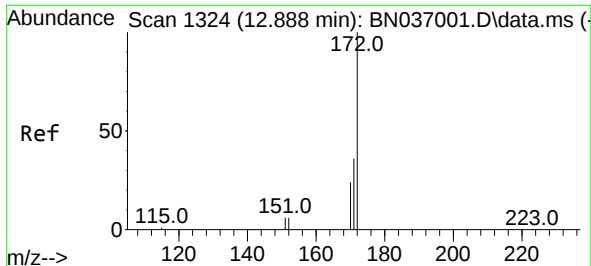
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Ion Ratio Lower Upper  
164 100  
162 104.2 84.2 126.4  
160 52.8 42.6 63.8



#14  
2,4,6-Tribromophenol  
Concen: 0.331 ng  
RT: 15.755 min Scan# 1601  
Delta R.T. -0.012 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

Tgt Ion:330 Resp: 512  
Ion Ratio Lower Upper  
330 100  
332 97.1 73.8 110.8  
141 59.4 43.9 65.9

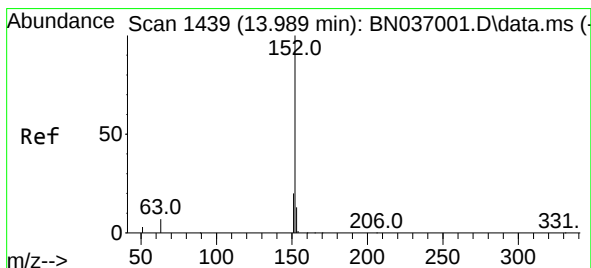
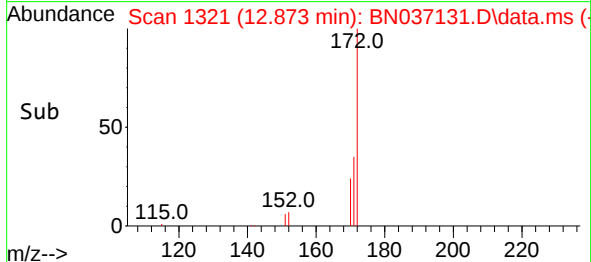
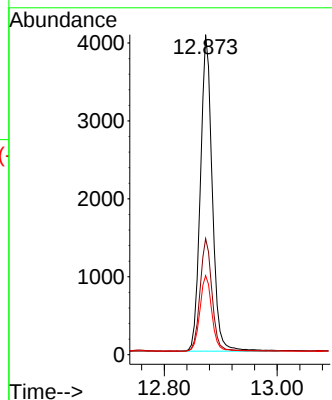
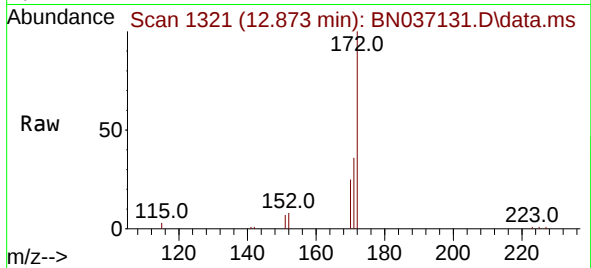




#15  
2-Fluorobiphenyl  
Concen: 0.368 ng  
RT: 12.873 min Scan# 11  
Delta R.T. -0.015 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

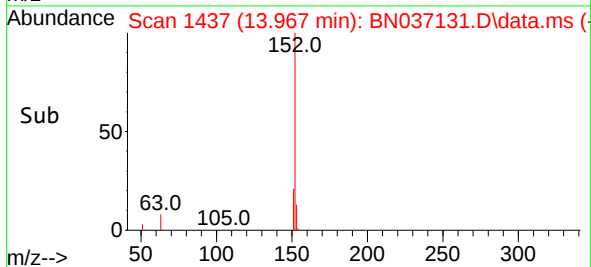
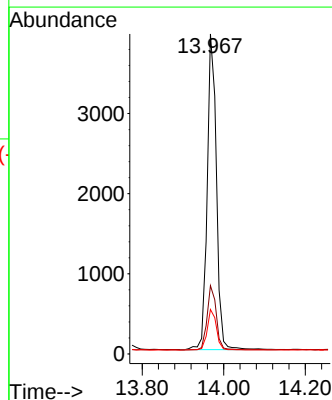
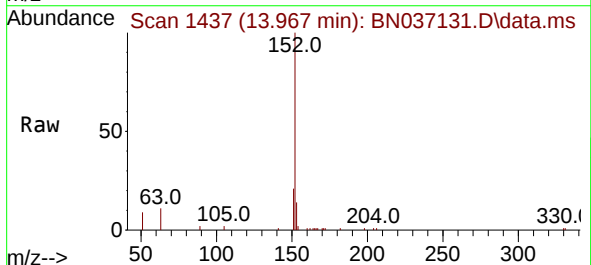
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

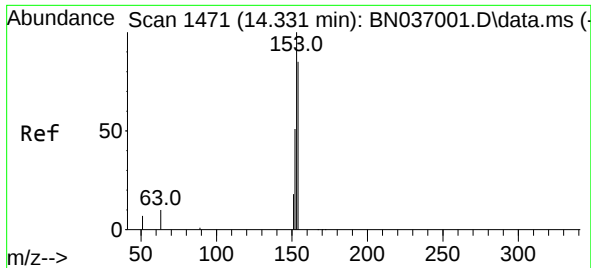
Tgt Ion:172 Resp: 5946  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.2 43.8  
170 24.7 20.5 30.7



#16  
Acenaphthylene  
Concen: 0.362 ng  
RT: 13.967 min Scan# 1437  
Delta R.T. -0.021 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

Tgt Ion:152 Resp: 6217  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.1 24.1  
153 13.2 10.5 15.7

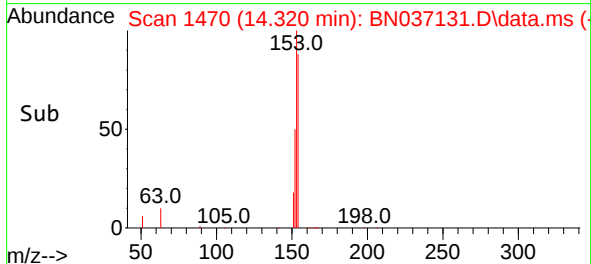
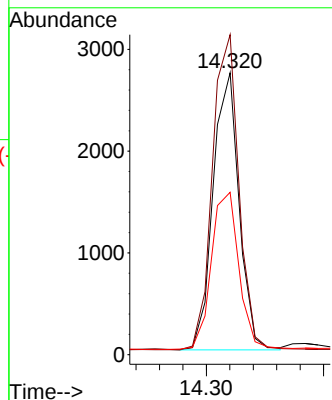
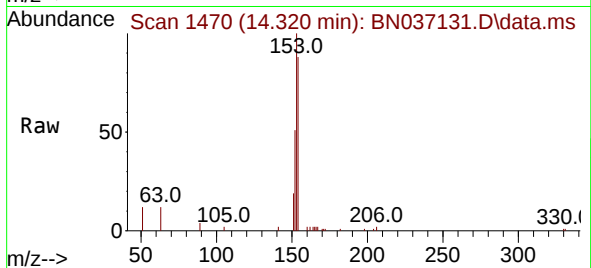




#17  
Acenaphthene  
Concen: 0.373 ng  
RT: 14.320 min Scan# 1471  
Delta R.T. -0.011 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

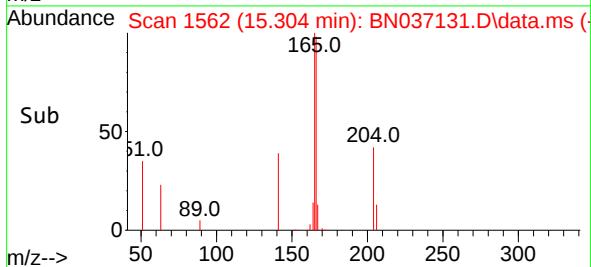
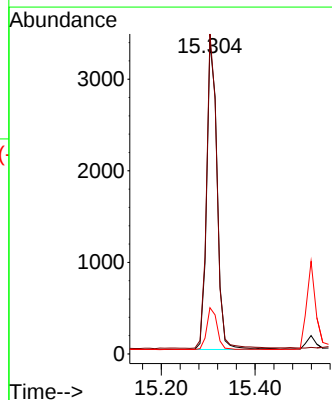
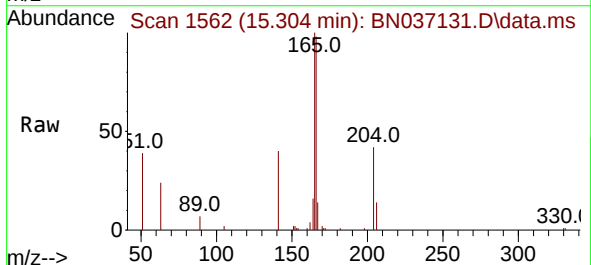
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

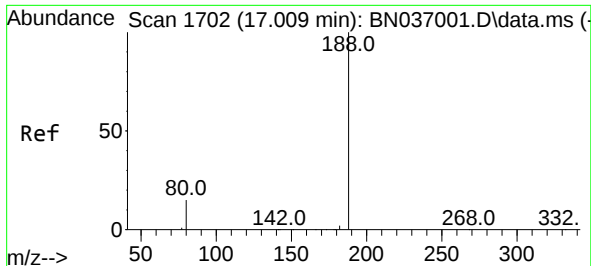
Tgt Ion:154 Resp: 4181  
Ion Ratio Lower Upper  
154 100  
153 115.7 94.2 141.4  
152 60.9 49.4 74.0



#18  
Fluorene  
Concen: 0.354 ng  
RT: 15.304 min Scan# 1562  
Delta R.T. -0.011 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

Tgt Ion:166 Resp: 5205  
Ion Ratio Lower Upper  
166 100  
165 100.5 80.6 120.8  
167 13.5 10.6 16.0

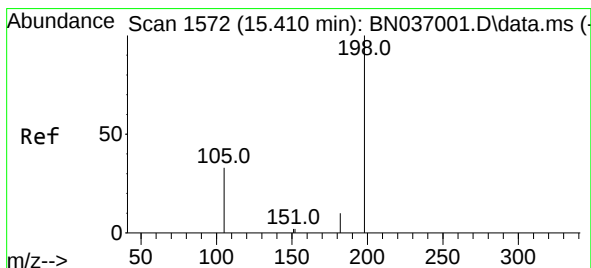
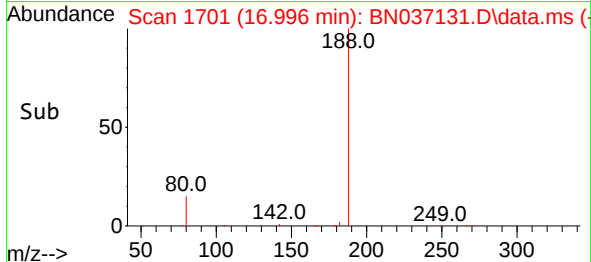
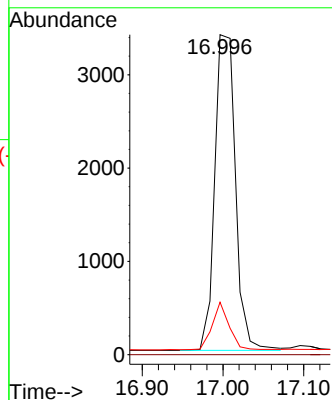
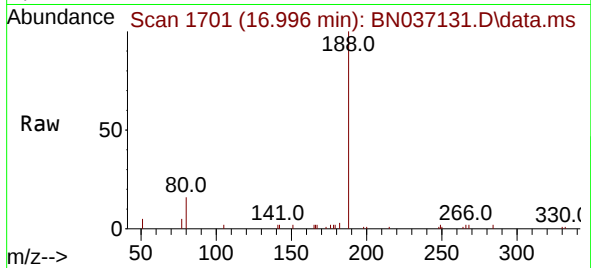




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.996 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

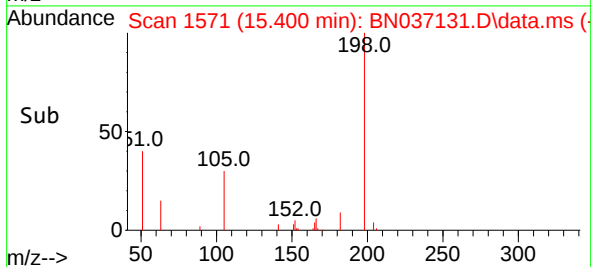
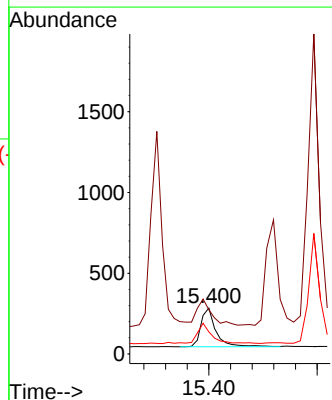
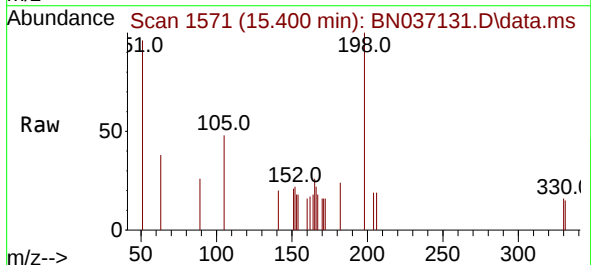
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

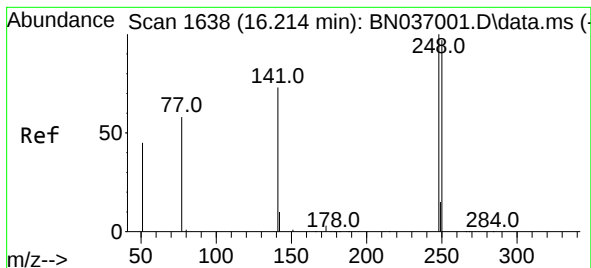
Tgt Ion:188 Resp: 6025  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 16.4 13.4 20.0



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.404 ng  
RT: 15.400 min Scan# 1571  
Delta R.T. -0.010 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

Tgt Ion:198 Resp: 471  
Ion Ratio Lower Upper  
198 100  
51 96.1 87.8 131.6  
105 48.1 44.2 66.4

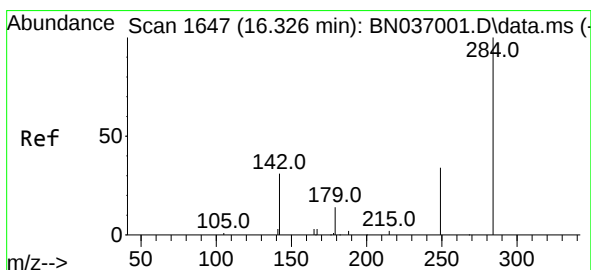
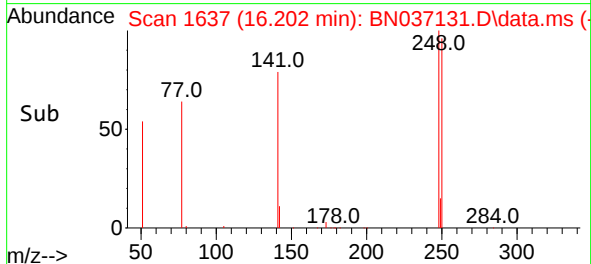
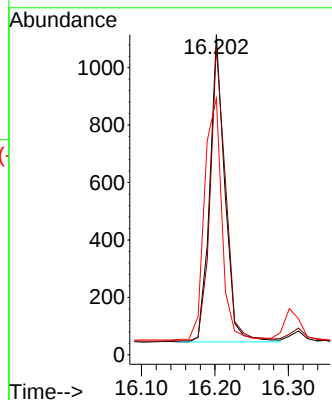
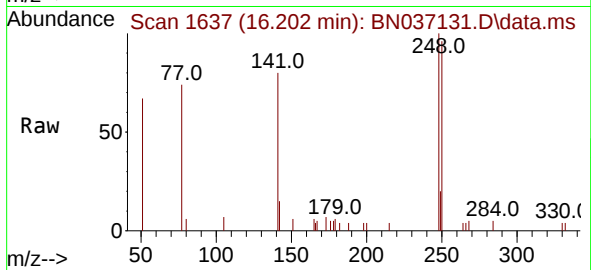




#21  
4-Bromophenyl-phenylether  
Concen: 0.400 ng  
RT: 16.202 min Scan# 1637  
Delta R.T. -0.012 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

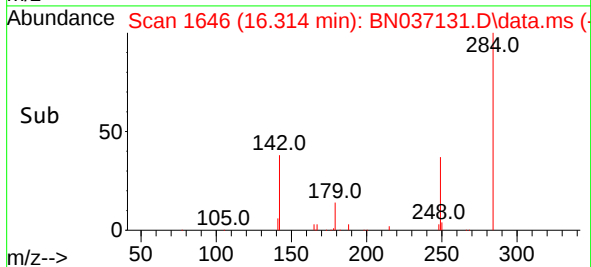
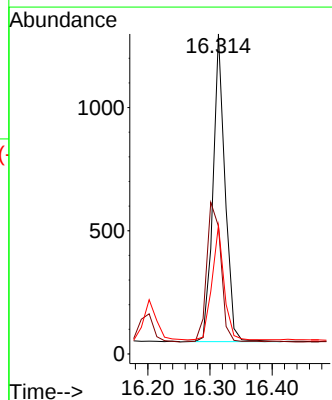
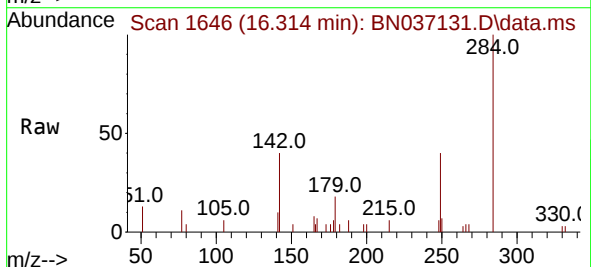
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

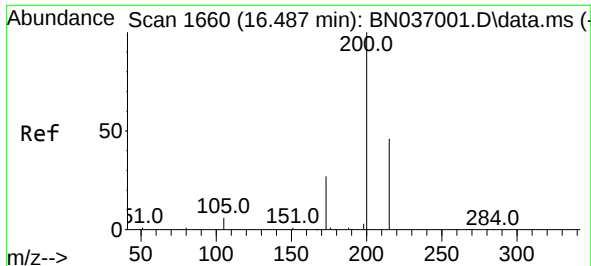
Tgt Ion:248 Resp: 1524  
Ion Ratio Lower Upper  
248 100  
250 96.3 78.1 117.1  
141 80.1 59.7 89.5



#22  
Hexachlorobenzene  
Concen: 0.413 ng  
RT: 16.314 min Scan# 1646  
Delta R.T. -0.012 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

Tgt Ion:284 Resp: 1684  
Ion Ratio Lower Upper  
284 100  
142 53.4 41.2 61.8  
249 37.3 28.7 43.1

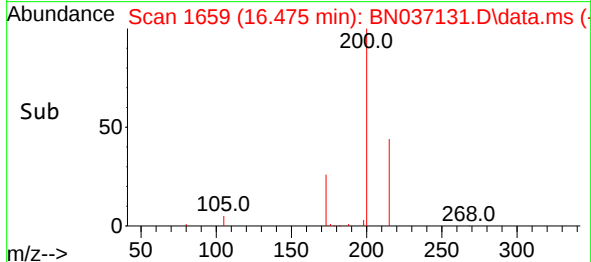
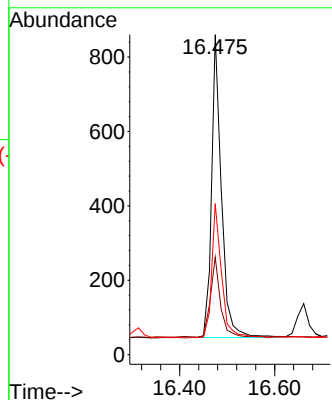
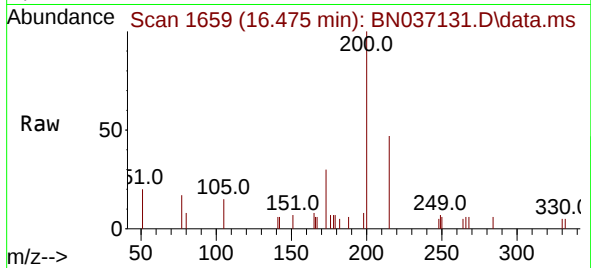




#23  
 Atrazine  
 Concen: 0.354 ng  
 RT: 16.475 min Scan# 1659  
 Delta R.T. -0.012 min  
 Lab File: BN037131.D  
 Acq: 29 May 2025 12:51

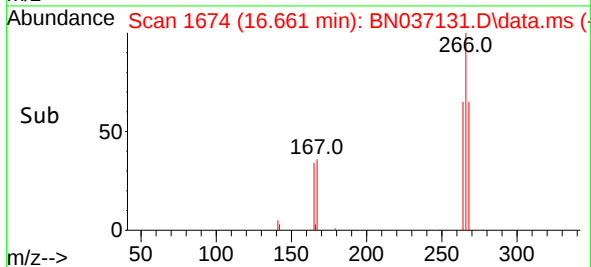
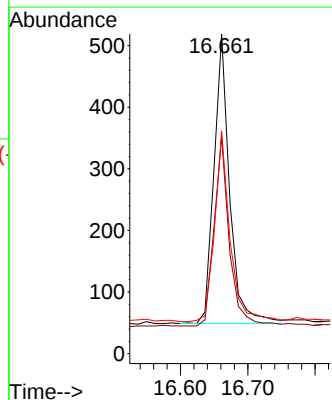
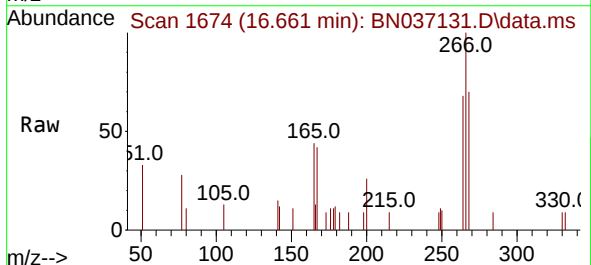
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

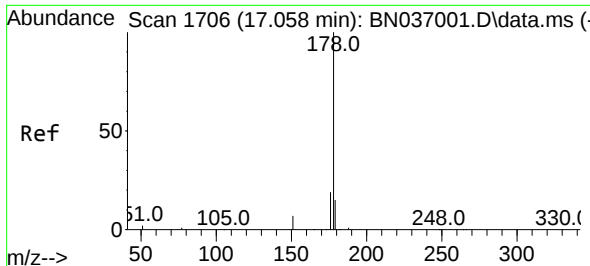
Tgt Ion:200 Resp: 1175  
 Ion Ratio Lower Upper  
 200 100  
 173 30.5 25.2 37.8  
 215 47.2 39.3 58.9



#24  
 Pentachlorophenol  
 Concen: 0.338 ng  
 RT: 16.661 min Scan# 1674  
 Delta R.T. -0.012 min  
 Lab File: BN037131.D  
 Acq: 29 May 2025 12:51

Tgt Ion:266 Resp: 760  
 Ion Ratio Lower Upper  
 266 100  
 264 64.5 47.9 71.9  
 268 64.5 50.0 75.0

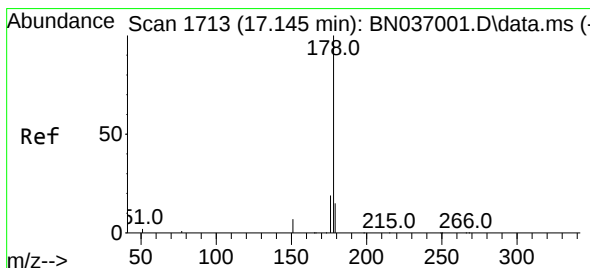
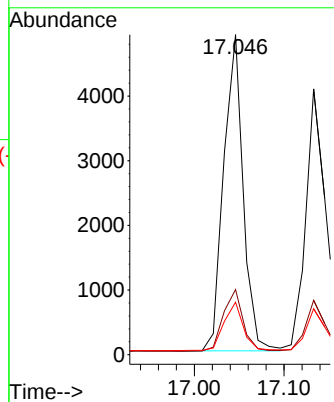
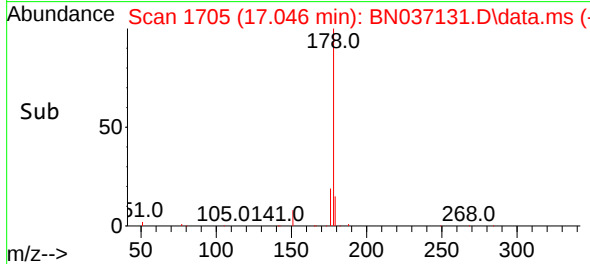
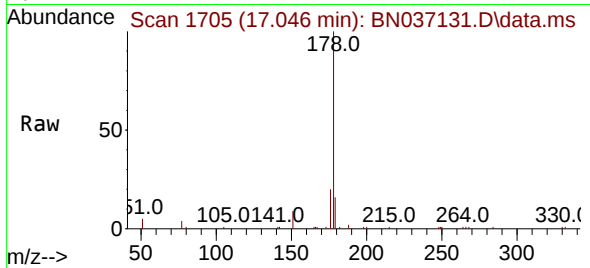




#25  
Phenanthrene  
Concen: 0.374 ng  
RT: 17.046 min Scan# 1712  
Delta R.T. -0.012 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

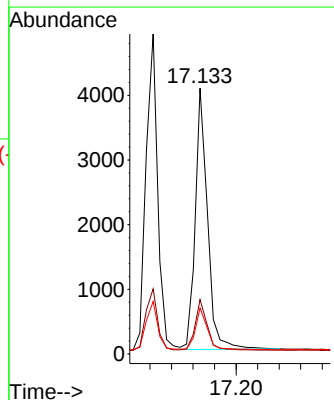
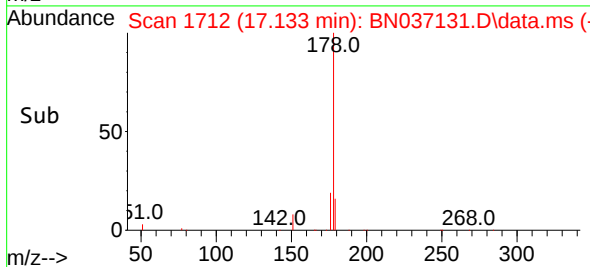
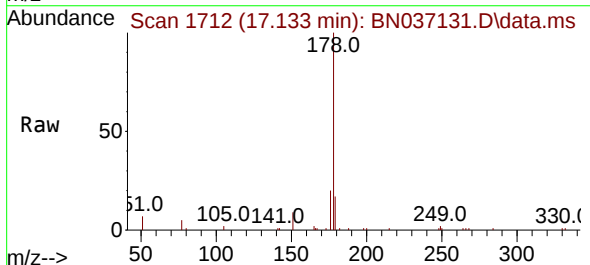
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

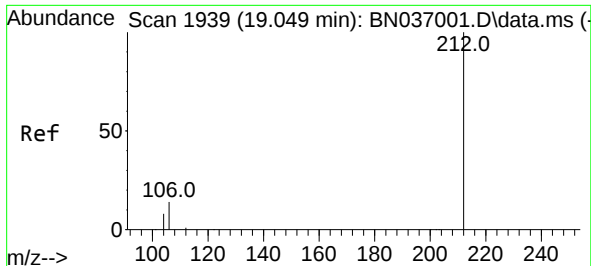
Tgt Ion:178 Resp: 7369  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.7 23.5  
179 15.5 12.2 18.2



#26  
Anthracene  
Concen: 0.358 ng  
RT: 17.133 min Scan# 1712  
Delta R.T. -0.012 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

Tgt Ion:178 Resp: 6423  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.0 22.6  
179 16.0 12.3 18.5

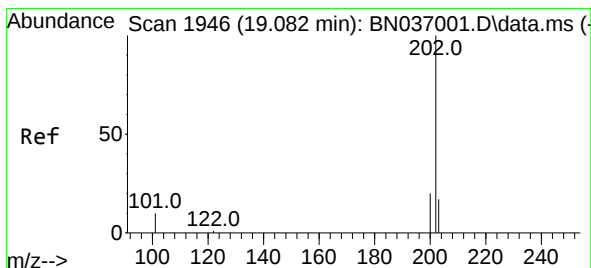
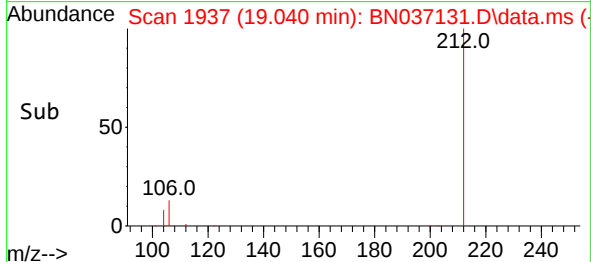
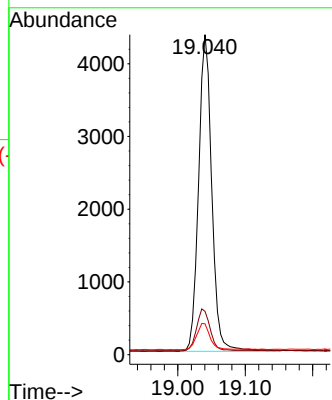
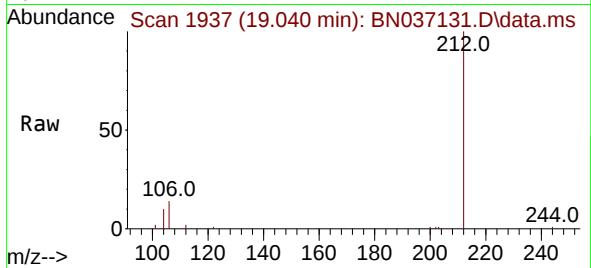




#27  
Fluoranthene-d10  
Concen: 0.357 ng  
RT: 19.040 min Scan# 1937  
Delta R.T. -0.009 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

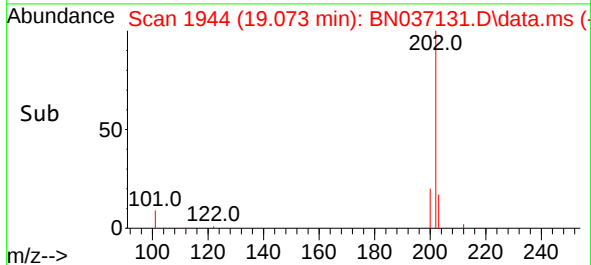
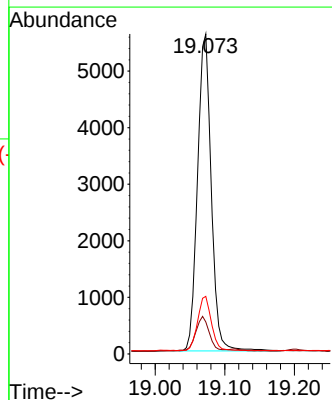
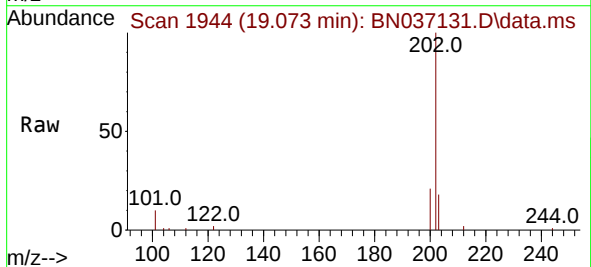
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

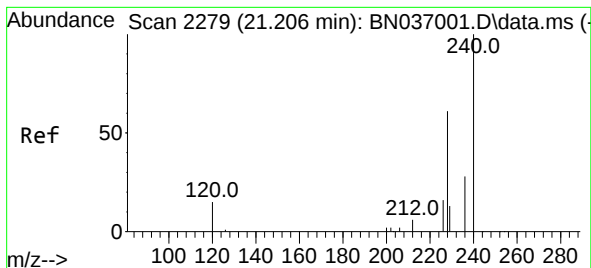
Tgt Ion:212 Resp: 5903  
Ion Ratio Lower Upper  
212 100  
106 13.6 11.3 16.9  
104 8.4 6.7 10.1



#28  
Fluoranthene  
Concen: 0.327 ng  
RT: 19.073 min Scan# 1944  
Delta R.T. -0.009 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

Tgt Ion:202 Resp: 7686  
Ion Ratio Lower Upper  
202 100  
101 10.7 8.9 13.3  
203 16.9 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.198 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037131.D

Acq: 29 May 2025 12:51

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

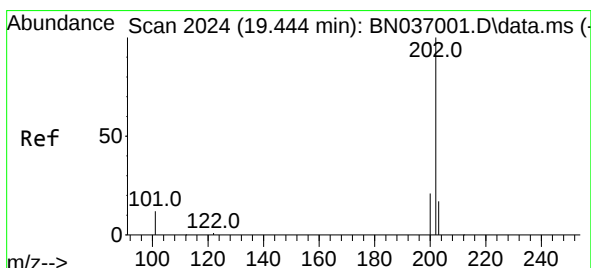
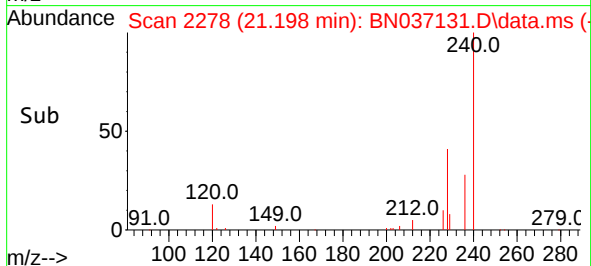
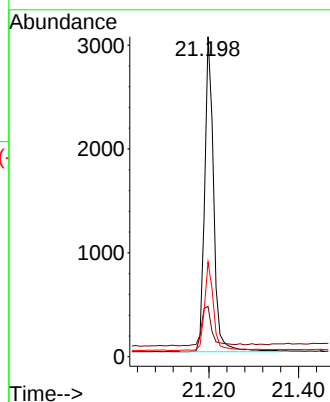
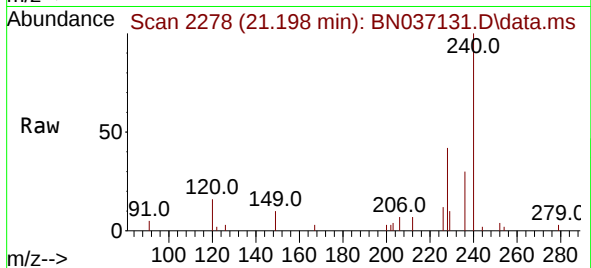
Tgt Ion:240 Resp: 4226

Ion Ratio Lower Upper

240 100

120 15.7 15.1 22.7

236 29.6 24.0 36.0



#30

Pyrene

Concen: 0.431 ng

RT: 19.435 min Scan# 2022

Delta R.T. -0.009 min

Lab File: BN037131.D

Acq: 29 May 2025 12:51

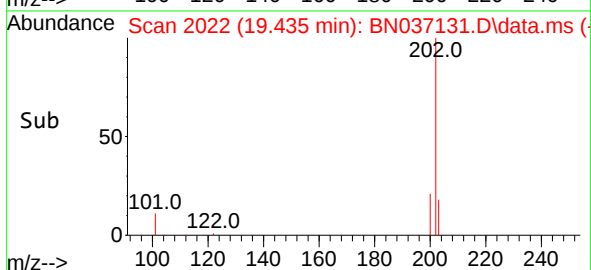
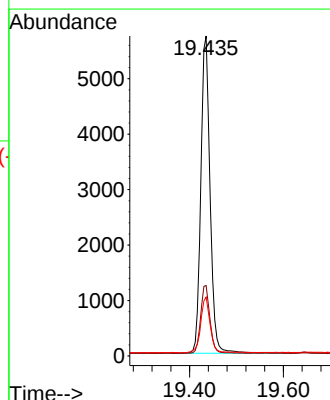
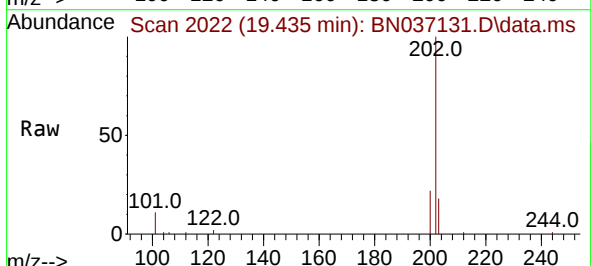
Tgt Ion:202 Resp: 7791

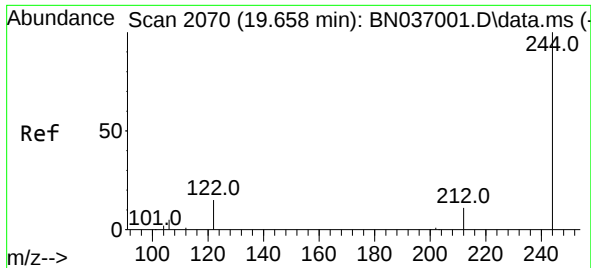
Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

203 17.8 14.2 21.4

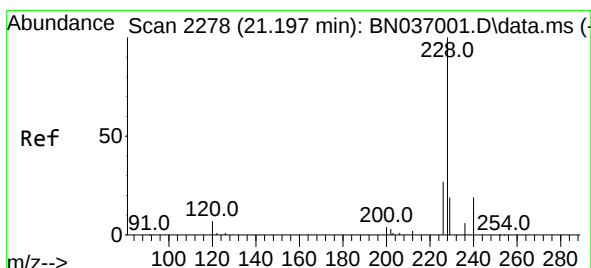
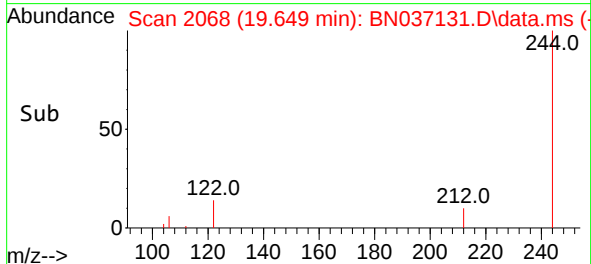
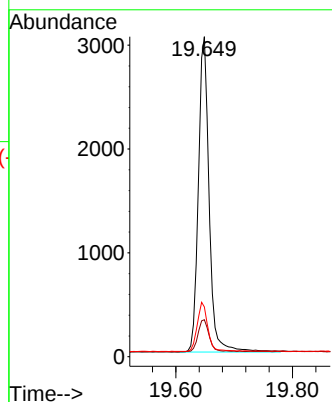
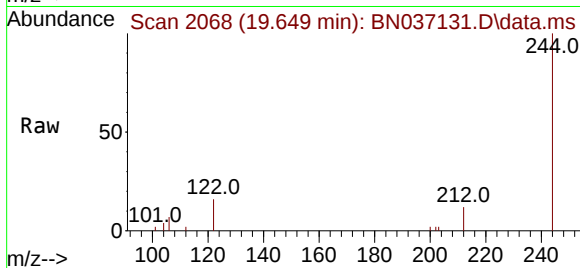




#31  
 Terphenyl-d14  
 Concen: 0.430 ng  
 RT: 19.649 min Scan# 2068  
 Delta R.T. -0.009 min  
 Lab File: BN037131.D  
 Acq: 29 May 2025 12:51

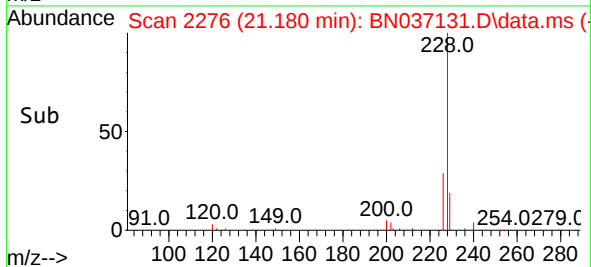
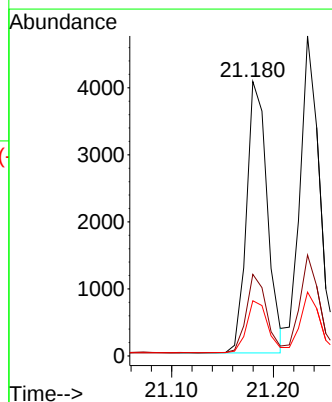
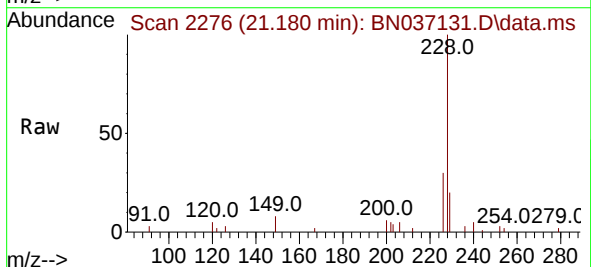
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

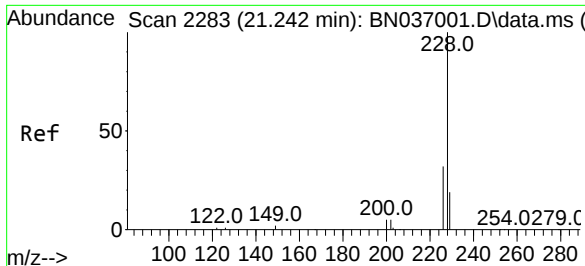
Tgt Ion:244 Resp: 3887  
 Ion Ratio Lower Upper  
 244 100  
 212 11.6 9.7 14.5  
 122 15.6 13.4 20.0



#32  
 Benzo(a)anthracene  
 Concen: 0.360 ng  
 RT: 21.180 min Scan# 2276  
 Delta R.T. -0.018 min  
 Lab File: BN037131.D  
 Acq: 29 May 2025 12:51

Tgt Ion:228 Resp: 5733  
 Ion Ratio Lower Upper  
 228 100  
 226 29.7 22.2 33.4  
 229 20.1 16.0 24.0





#33

Chrysene

Concen: 0.389 ng

RT: 21.233 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037131.D

Acq: 29 May 2025 12:51

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

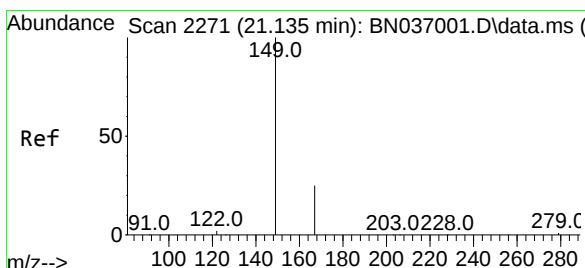
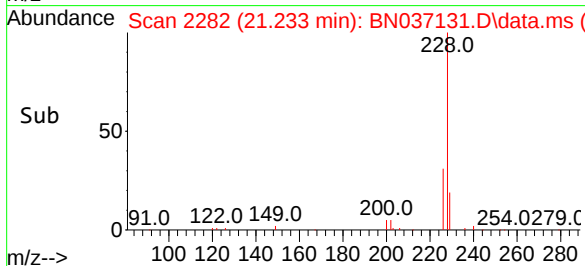
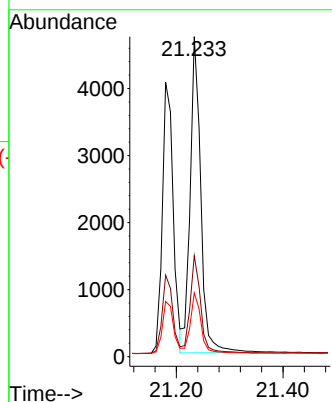
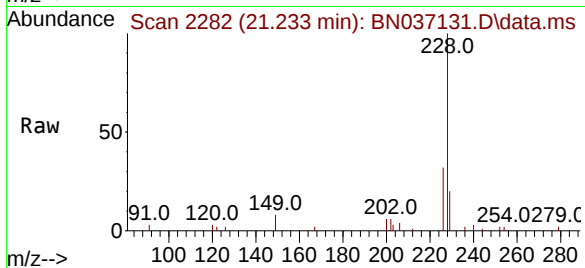
Tgt Ion:228 Resp: 6542

Ion Ratio Lower Upper

228 100

226 31.6 26.3 39.5

229 20.0 16.2 24.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.347 ng

RT: 21.126 min Scan# 2270

Delta R.T. -0.009 min

Lab File: BN037131.D

Acq: 29 May 2025 12:51

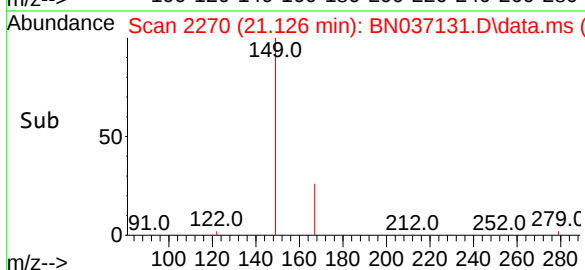
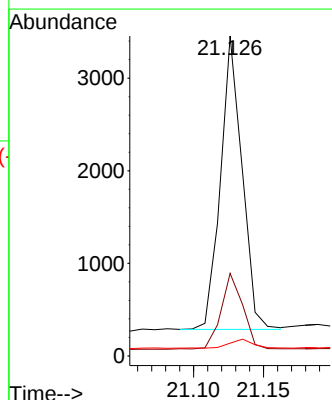
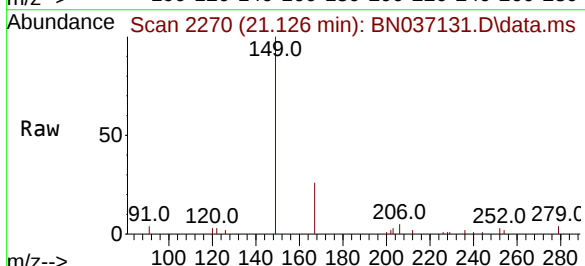
Tgt Ion:149 Resp: 3396

Ion Ratio Lower Upper

149 100

167 26.3 20.6 30.8

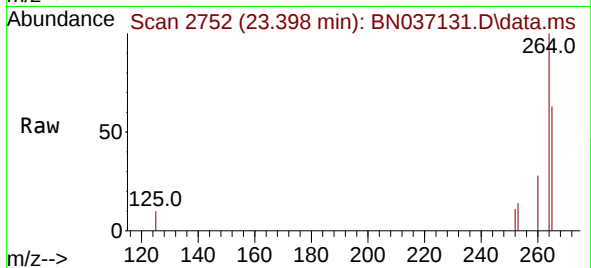
279 3.3 2.6 3.8





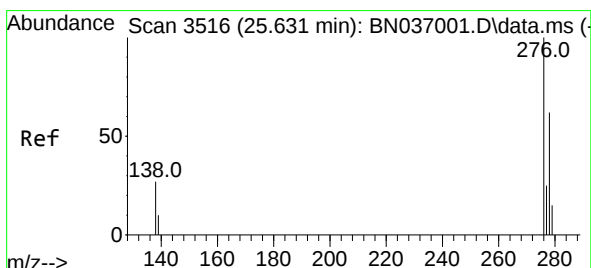
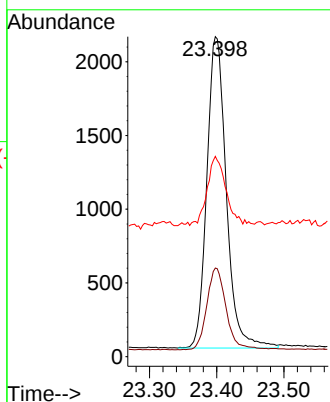
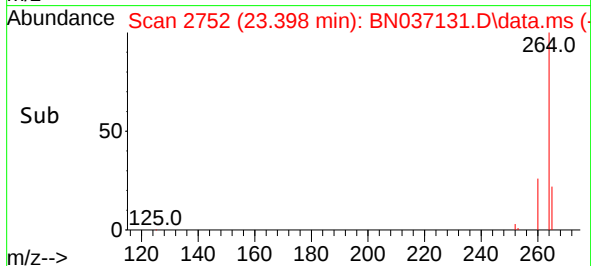
#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.398 min Scan# 21  
Delta R.T. -0.017 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

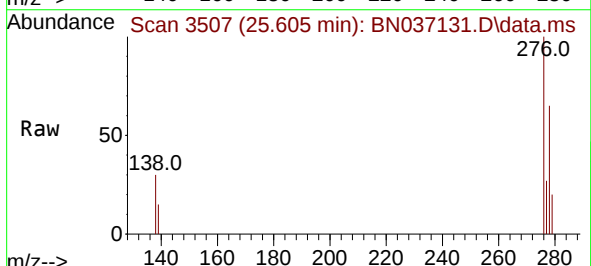


Tgt Ion:264 Resp: 4247

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.7  | 21.9  | 32.9  |
| 265 | 62.6  | 51.6  | 77.4  |

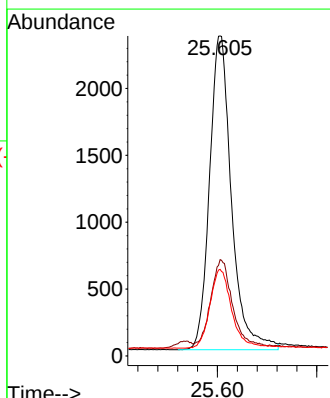
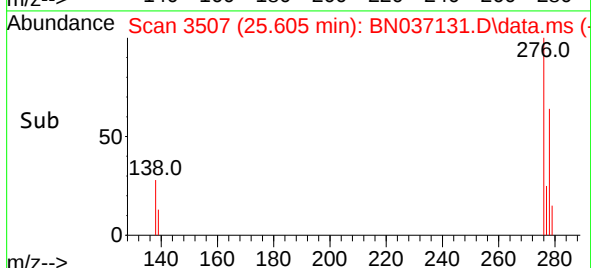


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.414 ng  
RT: 25.605 min Scan# 3507  
Delta R.T. -0.026 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51



Tgt Ion:276 Resp: 7187

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 27.1  | 22.7  | 34.1  |
| 277 | 24.8  | 20.0  | 30.0  |

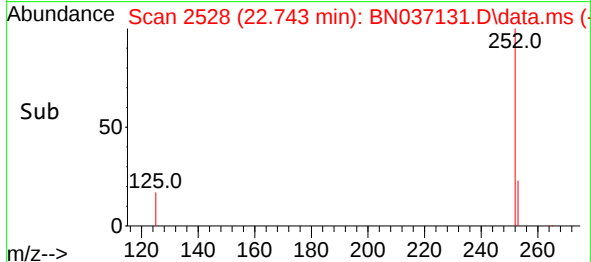
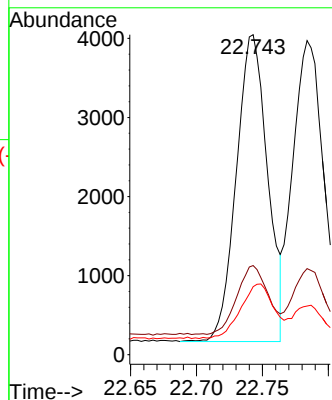
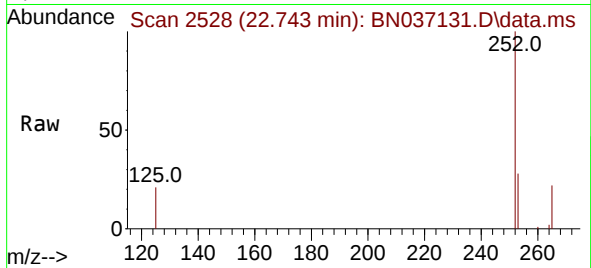




#37  
Benzo(b)fluoranthene  
Concen: 0.363 ng  
RT: 22.743 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

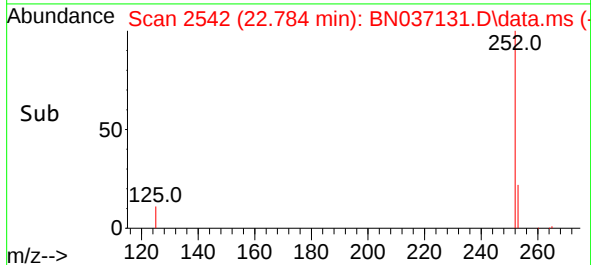
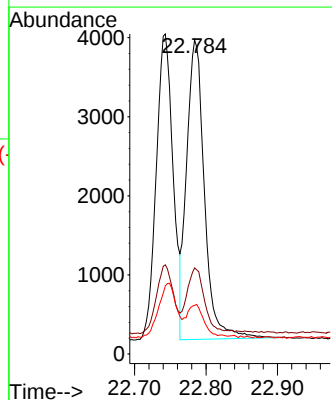
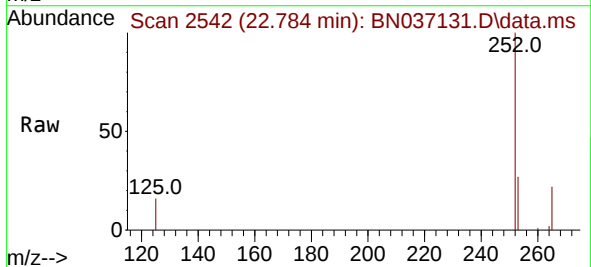
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:252 Resp: 6394  
Ion Ratio Lower Upper  
252 100  
253 27.8 21.8 32.6  
125 21.3 14.6 21.8



#38  
Benzo(k)fluoranthene  
Concen: 0.377 ng  
RT: 22.784 min Scan# 2542  
Delta R.T. -0.014 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

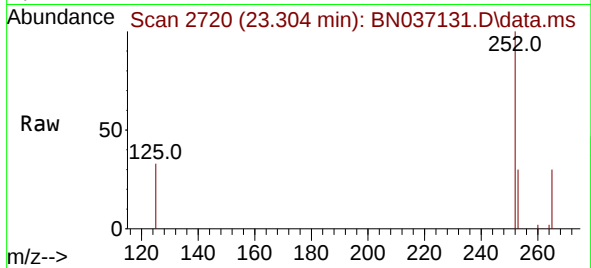
Tgt Ion:252 Resp: 6552  
Ion Ratio Lower Upper  
252 100  
253 27.4 21.4 32.2  
125 15.5 13.0 19.4



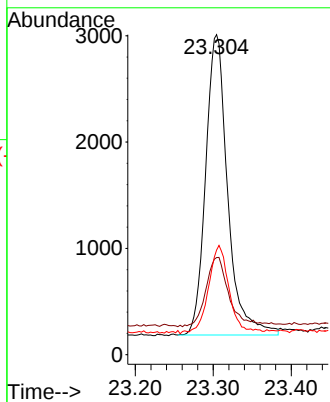
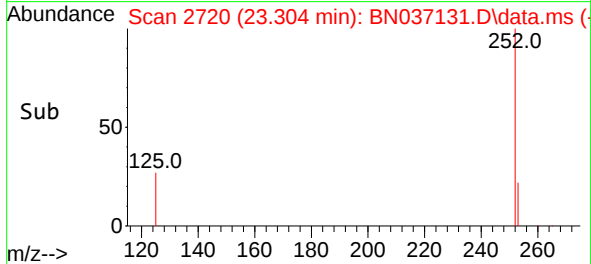


#39  
Benzo(a)pyrene  
Concen: 0.371 ng  
RT: 23.304 min Scan# 21  
Delta R.T. -0.014 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51

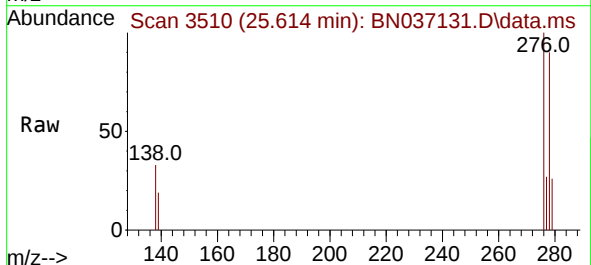
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



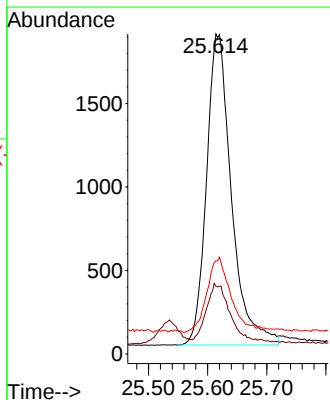
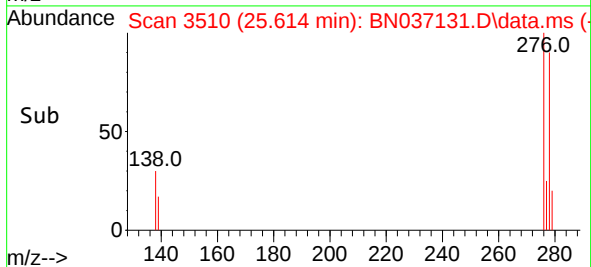
Tgt Ion:252 Resp: 5550  
Ion Ratio Lower Upper  
252 100  
253 30.4 23.8 35.6  
125 32.7 21.8 32.6#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.405 ng  
RT: 25.614 min Scan# 3510  
Delta R.T. -0.032 min  
Lab File: BN037131.D  
Acq: 29 May 2025 12:51



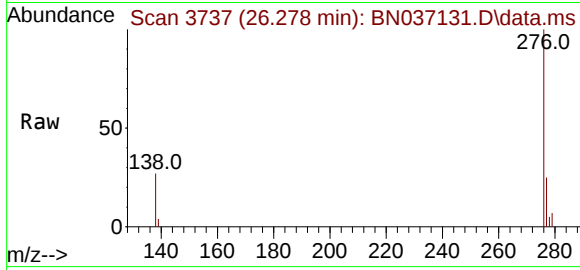
Tgt Ion:278 Resp: 5470  
Ion Ratio Lower Upper  
278 100  
139 21.1 17.4 26.0  
279 29.1 24.6 37.0





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.429 ng  
 RT: 26.278 min Scan# 31  
 Delta R.T. -0.026 min  
 Lab File: BN037131.D  
 Acq: 29 May 2025 12:51

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 6291  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 25.4  | 20.2  | 30.4  |
| 138      | 27.2  | 22.0  | 33.0  |

