

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
 Data File : BN037238.D  
 Acq On : 13 Jun 2025 22:01  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Jun 13 23:01:16 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

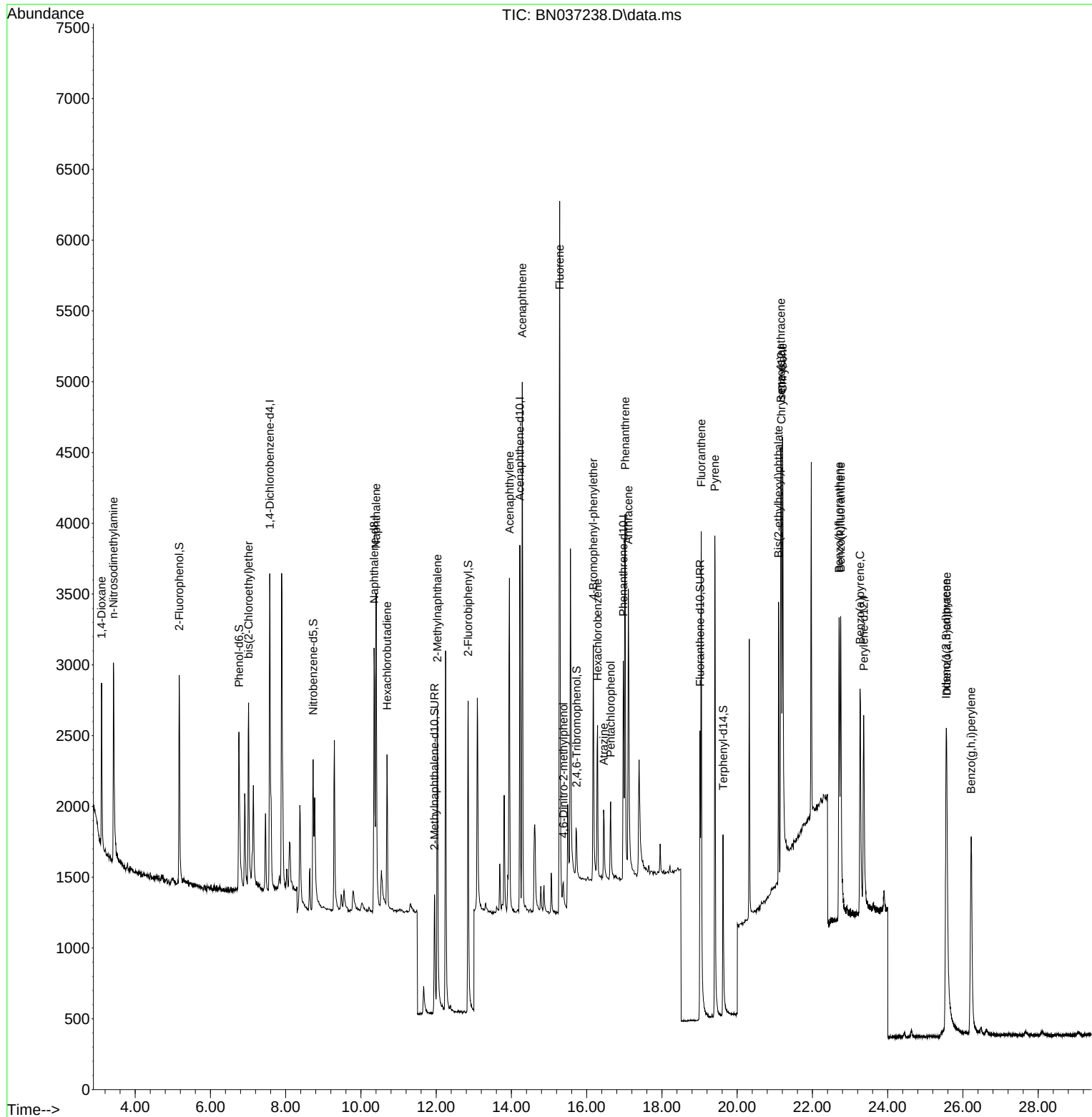
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.575  | 152  | 1131     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.351 | 136  | 2679     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.224 | 164  | 1397     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.971 | 188  | 2500     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.171 | 240  | 1991     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.363 | 264  | 2098     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.170  | 112  | 1102     | 0.397 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.759  | 99   | 1116     | 0.381 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.728  | 82   | 1051     | 0.397 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.955 | 152  | 1530     | 0.426 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.730 | 330  | 231      | 0.398 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.848 | 172  | 2427     | 0.413 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.012 | 212  | 2729     | 0.417 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.626 | 244  | 1763     | 0.392 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.104  | 88   | 655      | 0.422 | ng    | 87       |
| 3) n-Nitrosodimethylamine     | 3.422  | 42   | 1475     | 0.417 | ng    | 95       |
| 6) bis(2-Chloroethyl)ether    | 7.012  | 93   | 972      | 0.371 | ng    | 98       |
| 9) Naphthalene                | 10.404 | 128  | 3095     | 0.399 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.693 | 225  | 801      | 0.424 | ng    | # 94     |
| 12) 2-Methylnaphthalene       | 12.031 | 142  | 1872     | 0.397 | ng    | 99       |
| 16) Acenaphthylene            | 13.946 | 152  | 2661     | 0.389 | ng    | 99       |
| 17) Acenaphthene              | 14.288 | 154  | 1709     | 0.387 | ng    | 99       |
| 18) Fluorene                  | 15.282 | 166  | 2157     | 0.380 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.379 | 198  | 197      | 0.417 | ng    | 95       |
| 21) 4-Bromophenyl-phenylether | 16.177 | 248  | 634      | 0.389 | ng    | 99       |
| 22) Hexachlorobenzene         | 16.289 | 284  | 741      | 0.392 | ng    | 95       |
| 23) Atrazine                  | 16.450 | 200  | 541      | 0.372 | ng    | # 91     |
| 24) Pentachlorophenol         | 16.636 | 266  | 348      | 0.376 | ng    | 98       |
| 25) Phenanthrene              | 17.021 | 178  | 3012     | 0.380 | ng    | 99       |
| 26) Anthracene                | 17.108 | 178  | 2710     | 0.373 | ng    | 99       |
| 28) Fluoranthene              | 19.045 | 202  | 3574     | 0.385 | ng    | 98       |
| 30) Pyrene                    | 19.407 | 202  | 3580     | 0.382 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.162 | 228  | 2590     | 0.385 | ng    | 99       |
| 33) Chrysene                  | 21.207 | 228  | 3275     | 0.391 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149  | 1899     | 0.379 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.553 | 276  | 3529     | 0.417 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.708 | 252  | 2905     | 0.379 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.752 | 252  | 3315     | 0.374 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.266 | 252  | 2731     | 0.396 | ng    | # 94     |
| 40) Dibenzo(a,h)anthracene    | 25.567 | 278  | 2592     | 0.403 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.216 | 276  | 3206     | 0.409 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

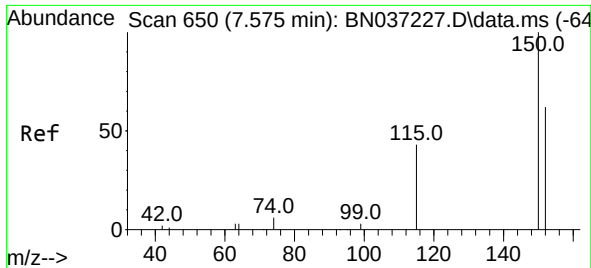
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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SSTDCCC0.4EC

Quant Time: Jun 13 23:01:16 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

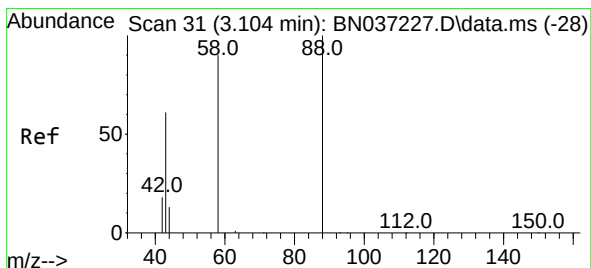
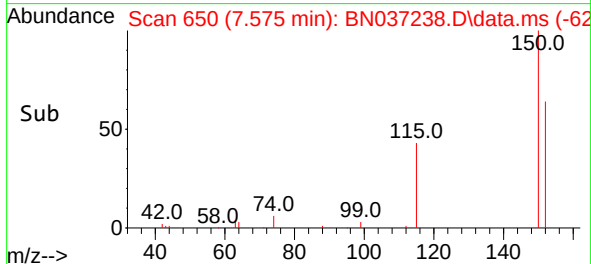
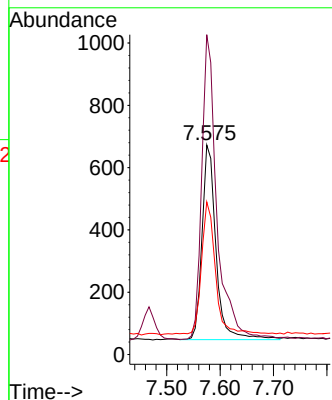
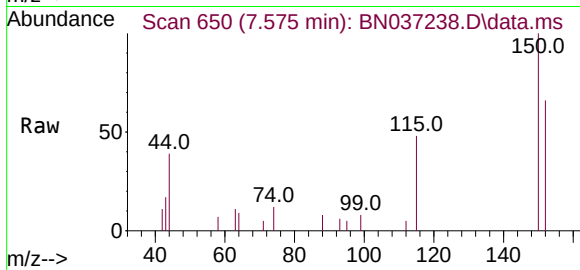




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.575 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN037238.D  
 Acq: 13 Jun 2025 22:01

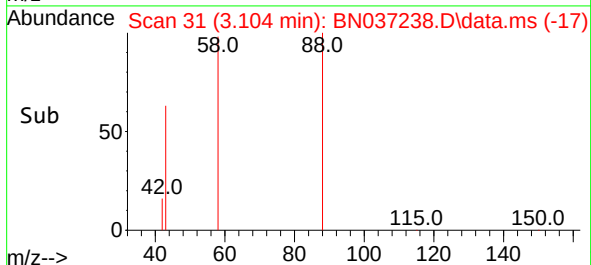
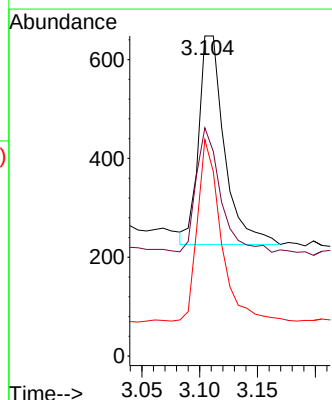
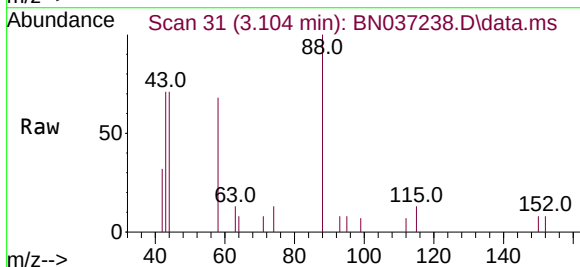
Instrument :  
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 ClientSampleId :  
 SSTDCCC0.4EC

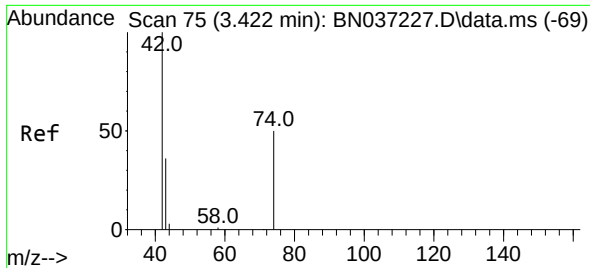
Tgt Ion:152 Resp: 1131  
 Ion Ratio Lower Upper  
 152 100  
 150 152.6 125.2 187.8  
 115 72.8 58.4 87.6



#2  
 1,4-Dioxane  
 Concen: 0.422 ng  
 RT: 3.104 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BN037238.D  
 Acq: 13 Jun 2025 22:01

Tgt Ion: 88 Resp: 655  
 Ion Ratio Lower Upper  
 88 100  
 43 55.7 52.6 79.0  
 58 78.9 73.5 110.3

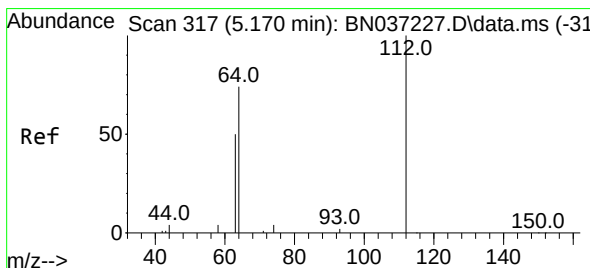
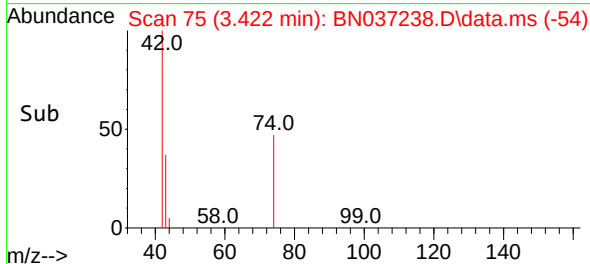
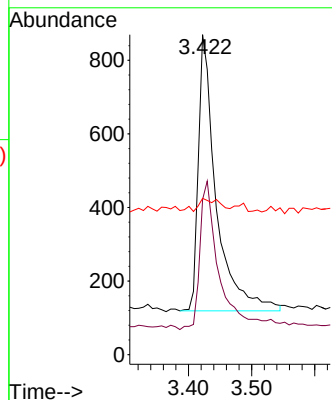
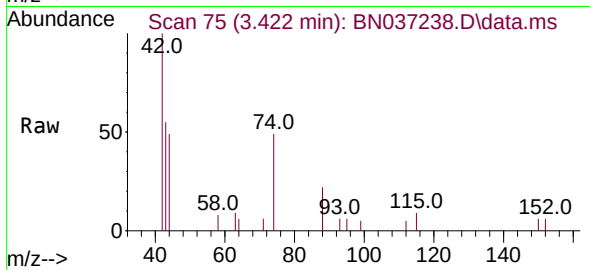




#3  
n-Nitrosodimethylamine  
Concen: 0.417 ng  
RT: 3.422 min Scan# 75  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

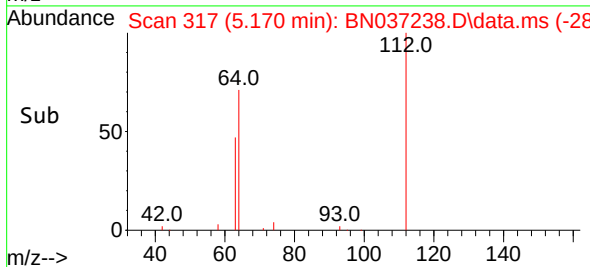
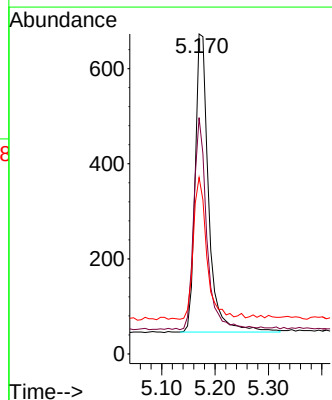
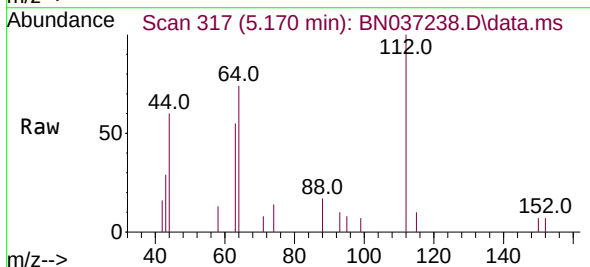
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

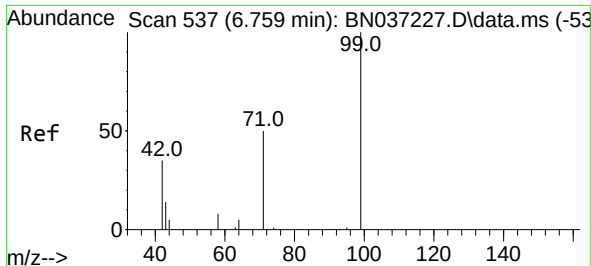
Tgt Ion: 42 Resp: 1475  
Ion Ratio Lower Upper  
42 100  
74 59.2 44.6 66.8  
44 5.2 3.5 5.3



#4  
2-Fluorophenol  
Concen: 0.397 ng  
RT: 5.170 min Scan# 317  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

Tgt Ion: 112 Resp: 1102  
Ion Ratio Lower Upper  
112 100  
64 69.1 57.2 85.8  
63 47.3 39.8 59.6

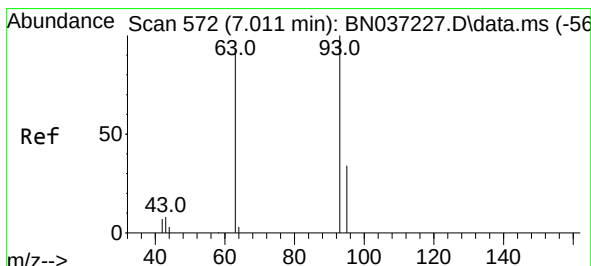
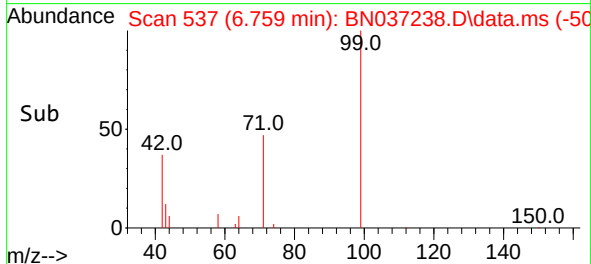
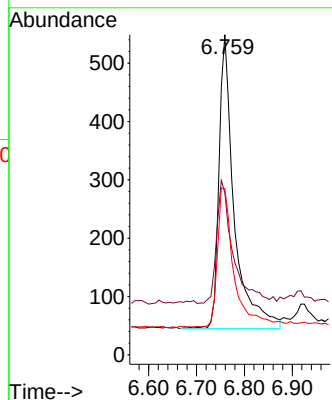
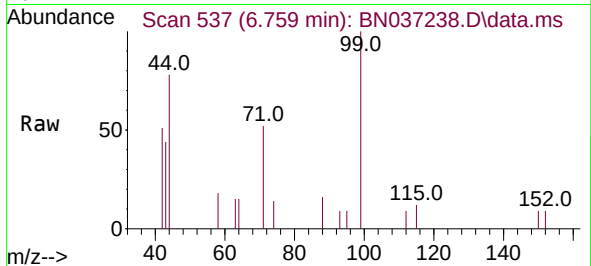




#5  
Phenol-d6  
Concen: 0.381 ng  
RT: 6.759 min Scan# 537  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

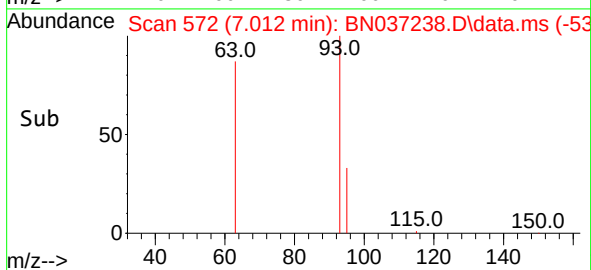
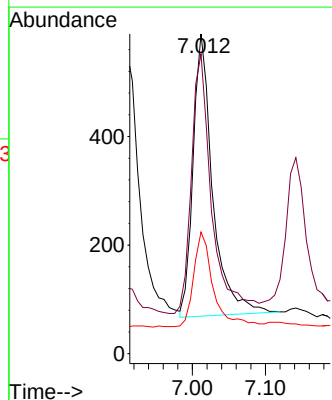
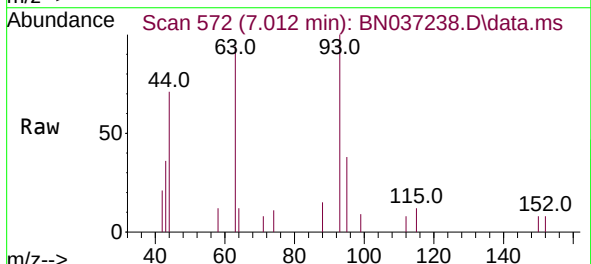
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ClientSampleId :  
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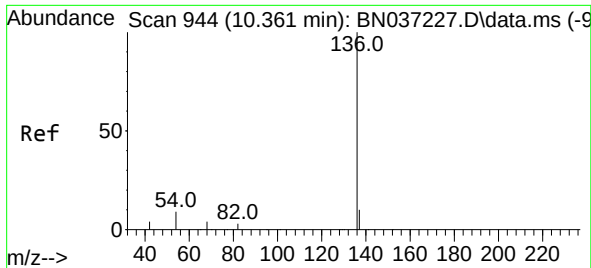
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1116  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 44.0  | 36.2  | 54.4  |
| 71       | 51.3  | 42.4  | 63.6  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.371 ng  
RT: 7.012 min Scan# 572  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 972   |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 95.1  | 75.2  | 112.8 |
| 95       | 33.0  | 28.3  | 42.5  |

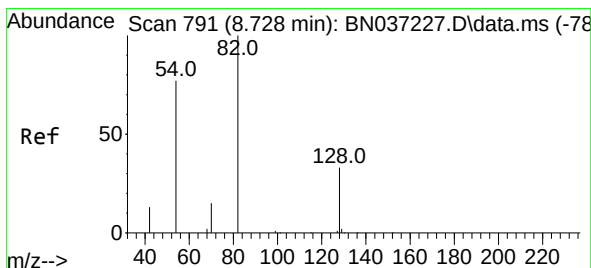
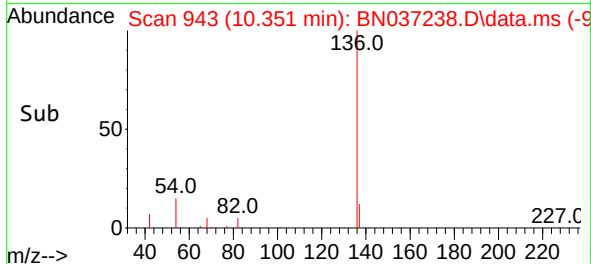
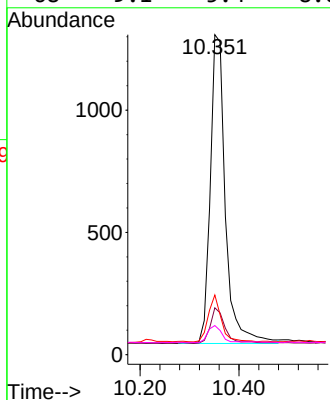
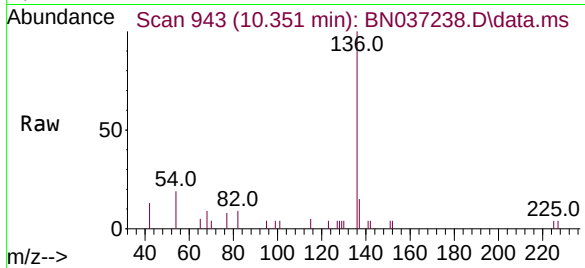




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.351 min Scan# 944  
Delta R.T. -0.010 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

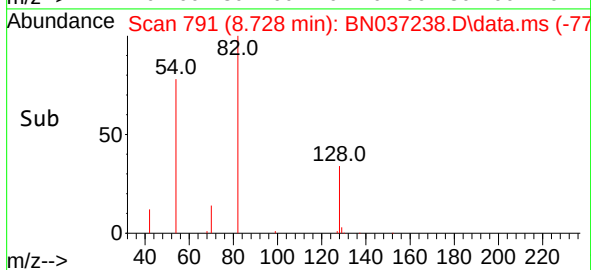
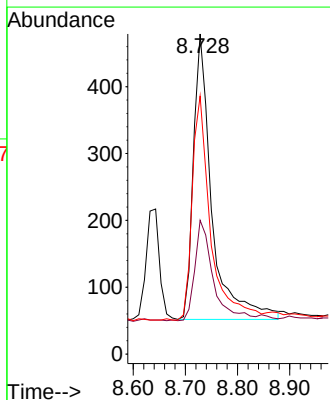
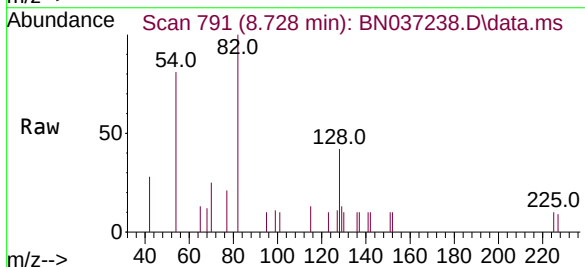
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ClientSampleId :  
SSTDCCC0.4EC

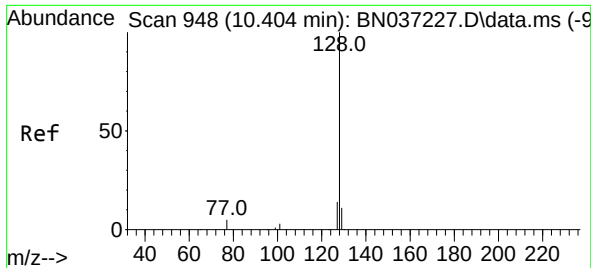
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2679  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 14.7  | 10.6  | 15.8  |
| 54       | 18.6  | 9.2   | 13.8# |
| 68       | 9.1   | 5.4   | 8.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.397 ng  
RT: 8.728 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1051  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 41.8  | 31.2  | 46.8  |
| 54       | 80.6  | 63.3  | 94.9  |

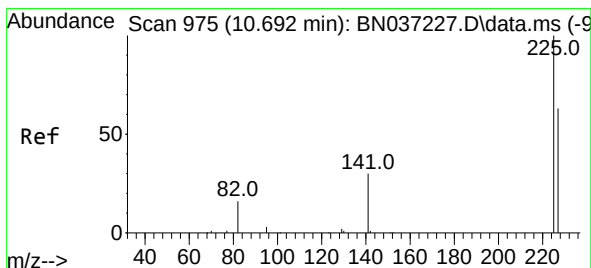
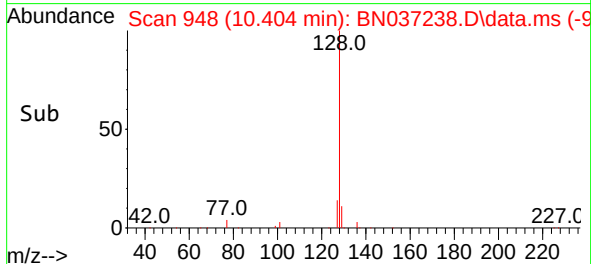
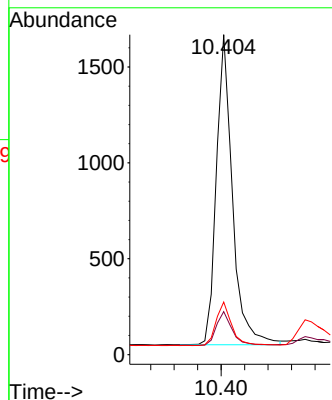
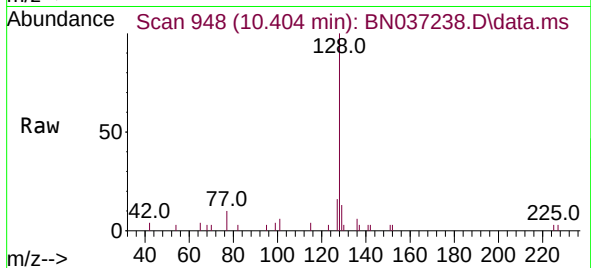




#9  
Naphthalene  
Concen: 0.399 ng  
RT: 10.404 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

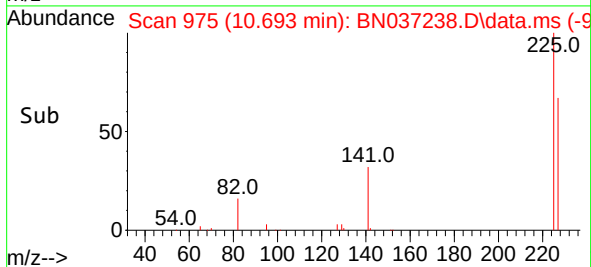
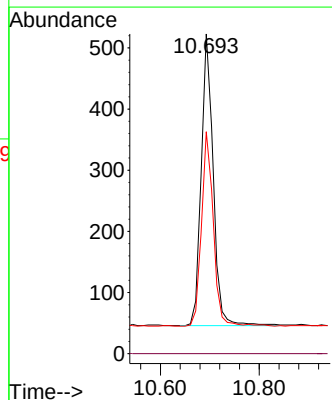
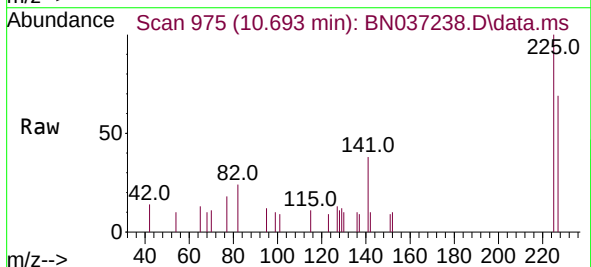
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SSTDCCC0.4EC

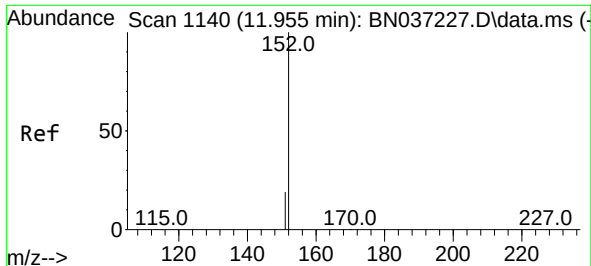
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 3095  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 13.4  | 10.7  | 16.1  |
| 127      | 16.4  | 12.6  | 19.0  |



#10  
Hexachlorobutadiene  
Concen: 0.424 ng  
RT: 10.693 min Scan# 975  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 801   |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 66.2  | 49.2  | 73.8  |

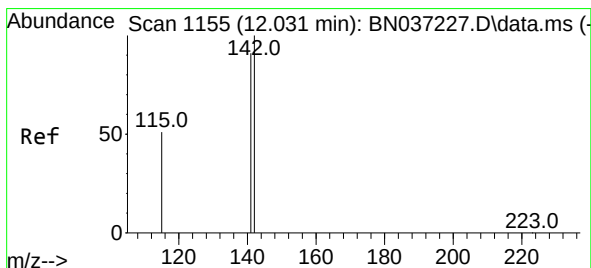
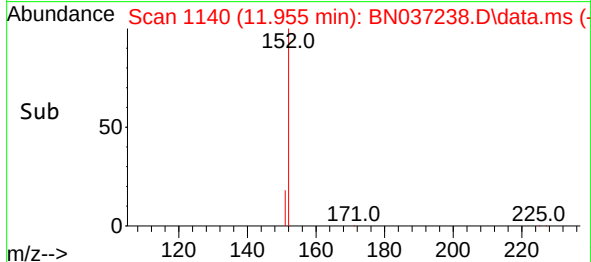
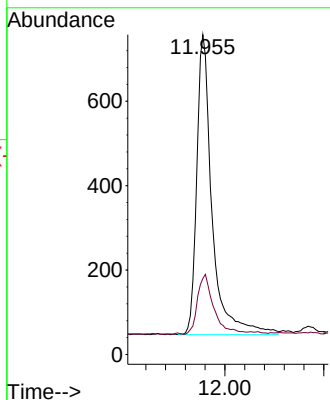
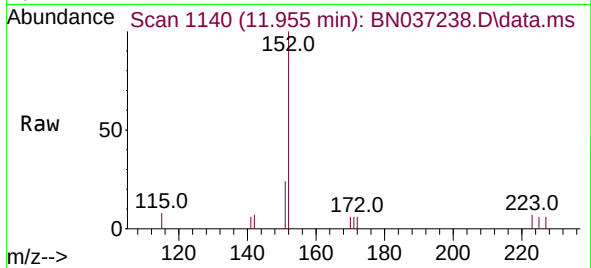




#11  
2-Methylnaphthalene-d10  
Concen: 0.426 ng  
RT: 11.955 min Scan# 1140  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

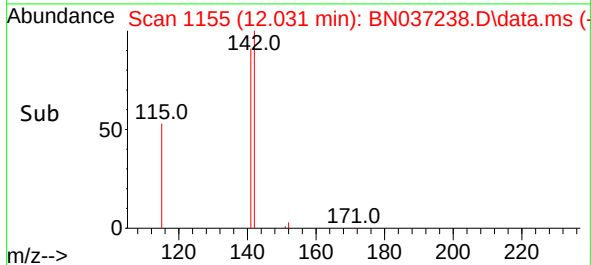
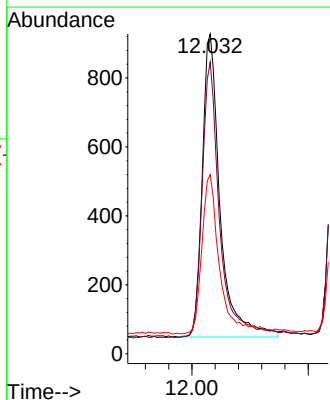
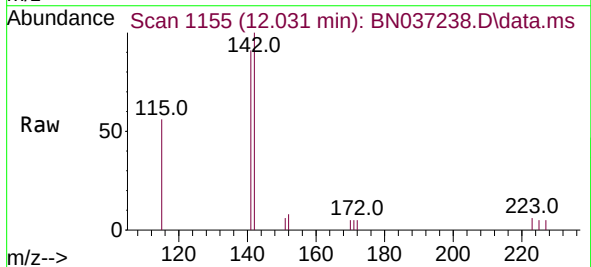
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1530  
Ion Ratio Lower Upper  
152 100  
151 21.2 17.9 26.9

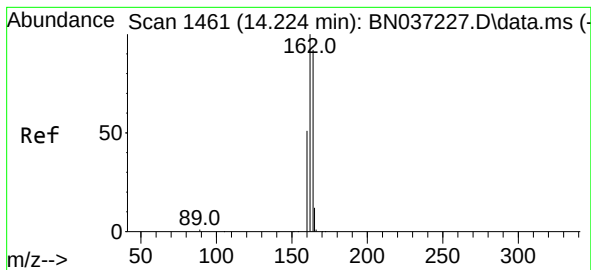


#12  
2-Methylnaphthalene  
Concen: 0.397 ng  
RT: 12.031 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

Tgt Ion:142 Resp: 1872  
Ion Ratio Lower Upper  
142 100  
141 91.2 73.0 109.6  
115 56.0 43.3 64.9



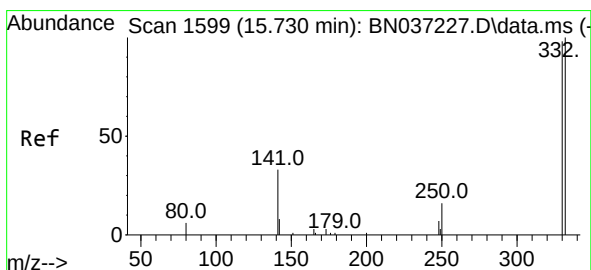
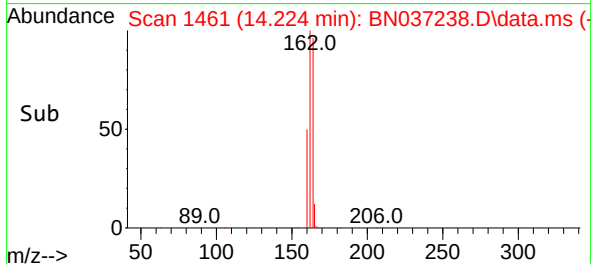
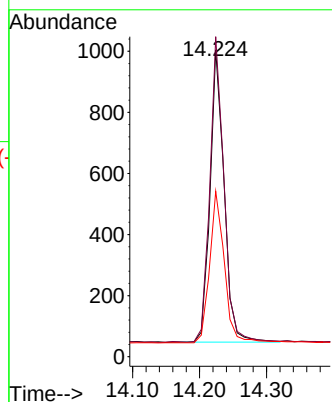
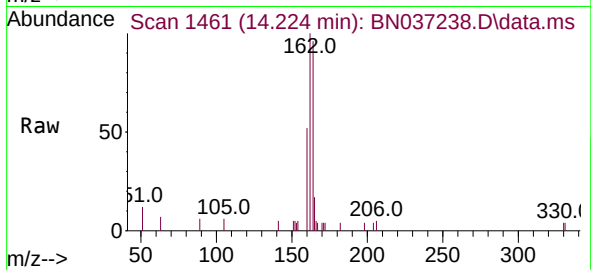




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.224 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

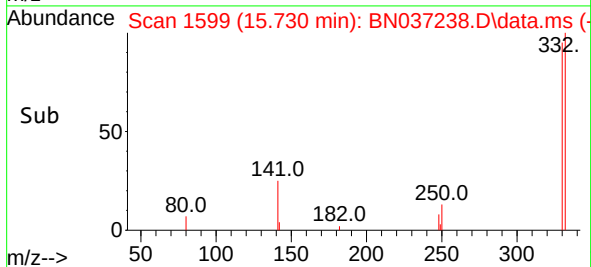
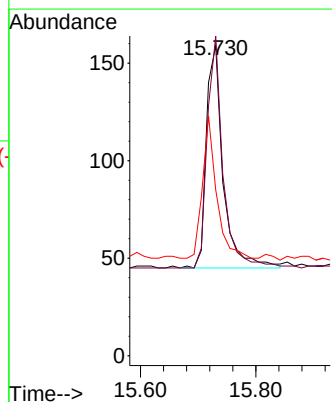
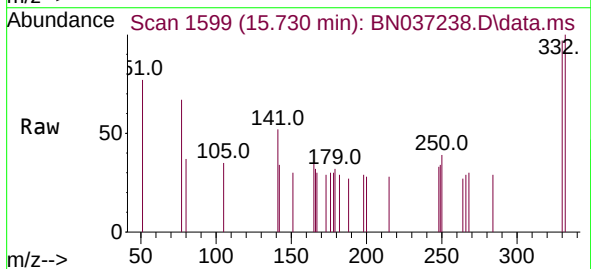
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

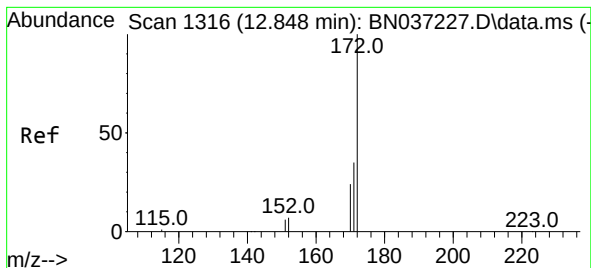
Tgt Ion:164 Resp: 1397  
Ion Ratio Lower Upper  
164 100  
162 104.3 86.7 130.1  
160 53.9 45.8 68.6



#14  
2,4,6-Tribromophenol  
Concen: 0.398 ng  
RT: 15.730 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

Tgt Ion:330 Resp: 231  
Ion Ratio Lower Upper  
330 100  
332 97.8 74.9 112.3  
141 54.5 45.1 67.7

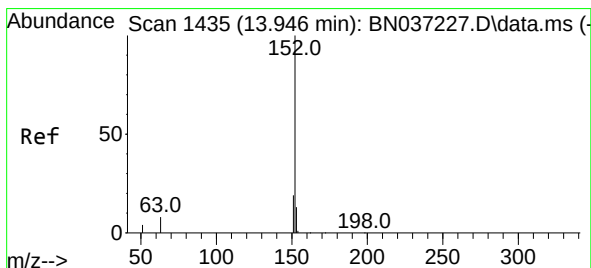
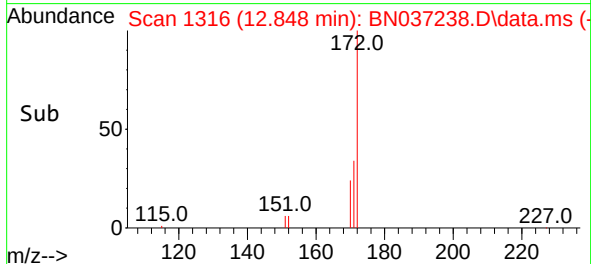
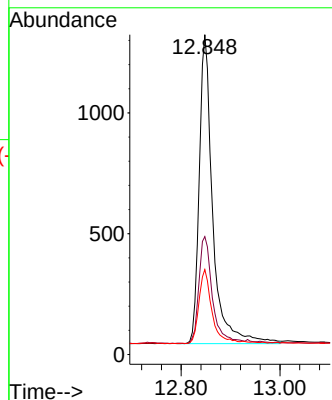
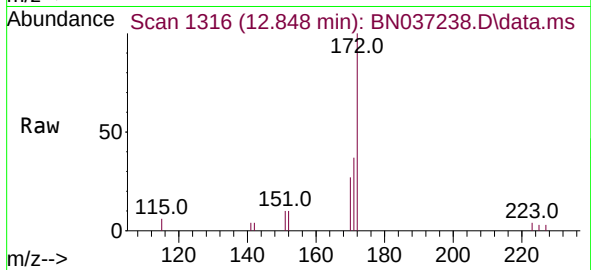




#15  
2-Fluorobiphenyl  
Concen: 0.413 ng  
RT: 12.848 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

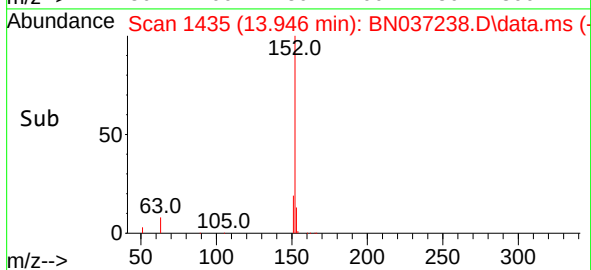
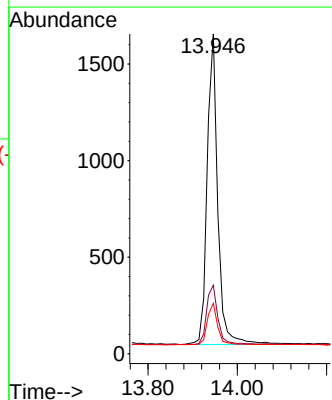
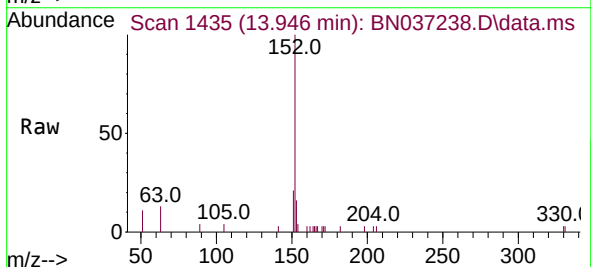
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

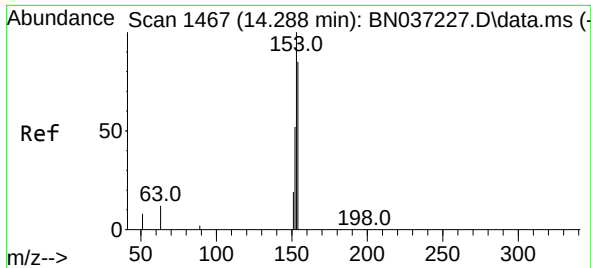
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 2427 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 36.9  | 29.8  | 44.8 |
| 170       | 26.6  | 21.1  | 31.7 |



#16  
Acenaphthylene  
Concen: 0.389 ng  
RT: 13.946 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 2661 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 20.0  | 15.7  | 23.5 |
| 153       | 13.5  | 10.7  | 16.1 |

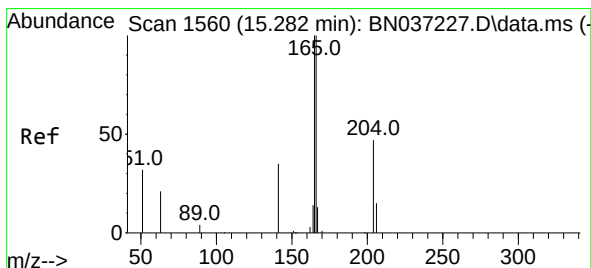
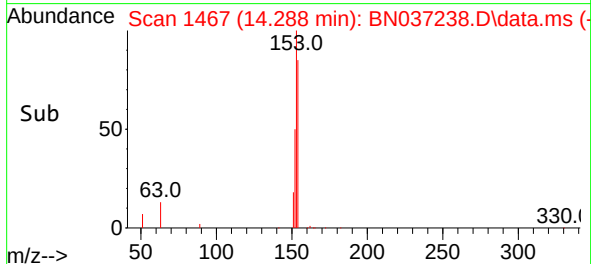
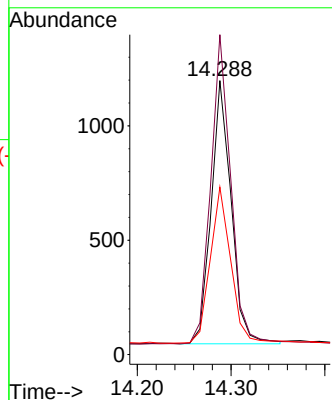
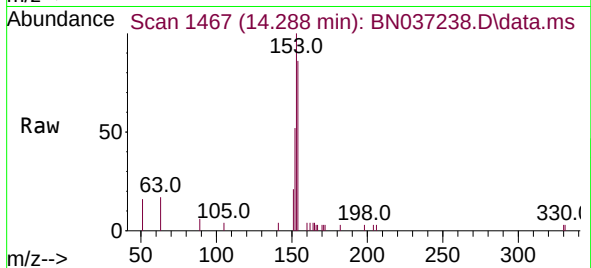




#17  
Acenaphthene  
Concen: 0.387 ng  
RT: 14.288 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

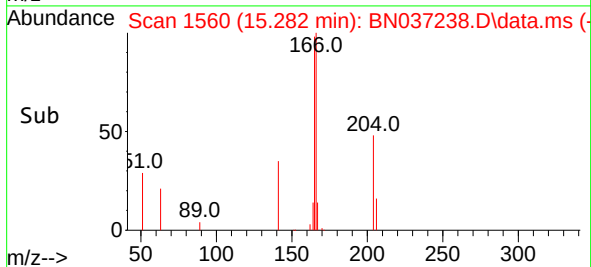
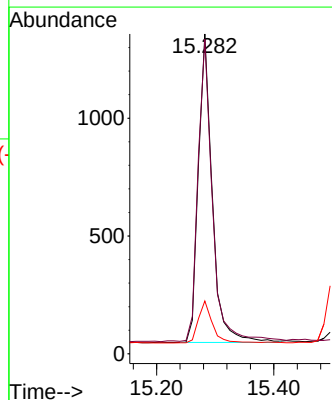
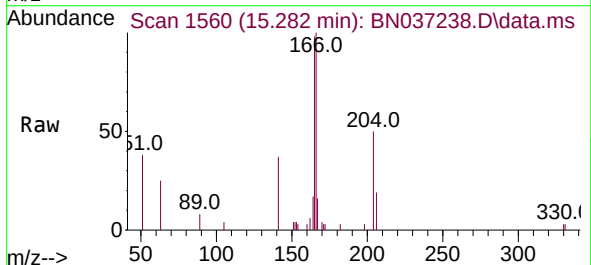
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

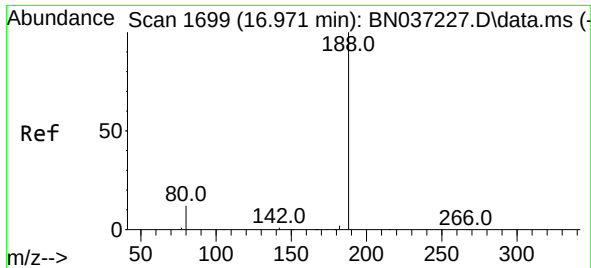
Tgt Ion:154 Resp: 1709  
Ion Ratio Lower Upper  
154 100  
153 119.7 94.6 141.8  
152 61.7 49.6 74.4



#18  
Fluorene  
Concen: 0.380 ng  
RT: 15.282 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

Tgt Ion:166 Resp: 2157  
Ion Ratio Lower Upper  
166 100  
165 100.1 79.8 119.6  
167 13.8 10.8 16.2

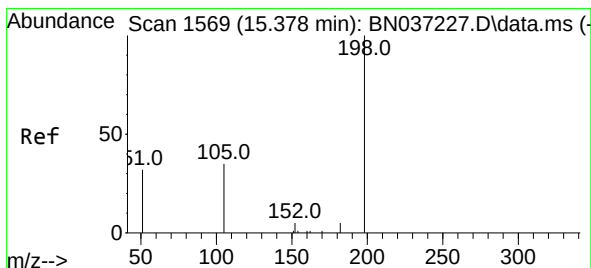
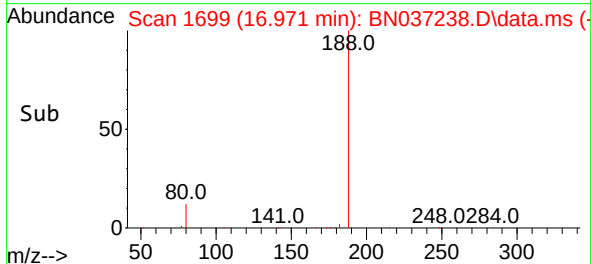
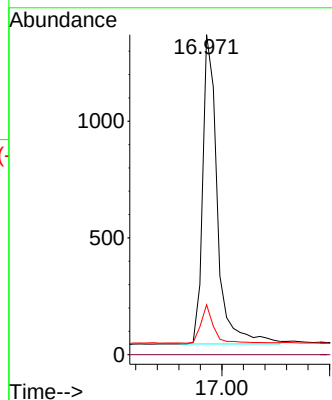
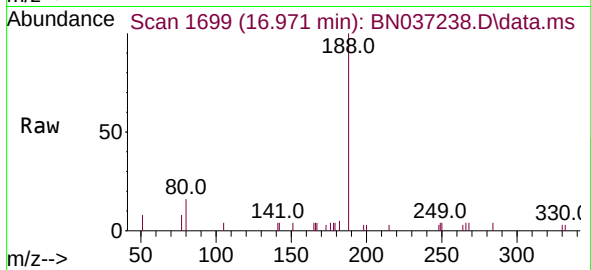




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.971 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

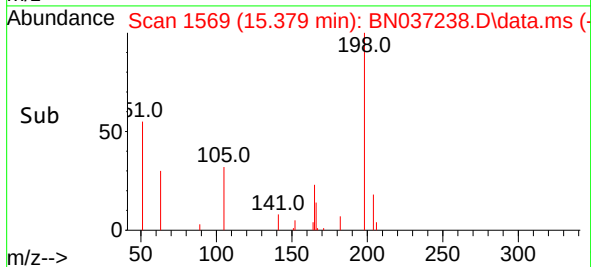
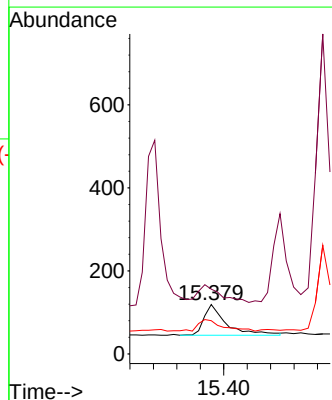
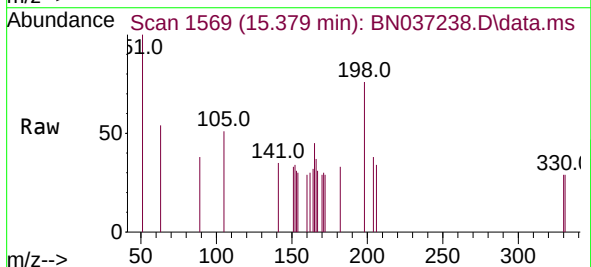
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

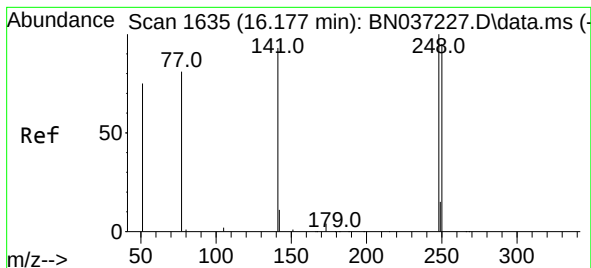
Tgt Ion:188 Resp: 2500  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.6 12.2 18.4



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.417 ng  
RT: 15.379 min Scan# 1569  
Delta R.T. 0.001 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

Tgt Ion:198 Resp: 197  
Ion Ratio Lower Upper  
198 100  
51 131.1 111.2 166.8  
105 67.2 54.0 81.0

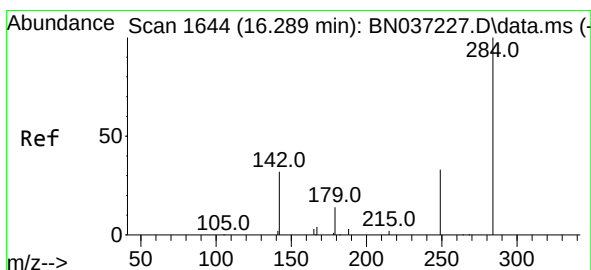
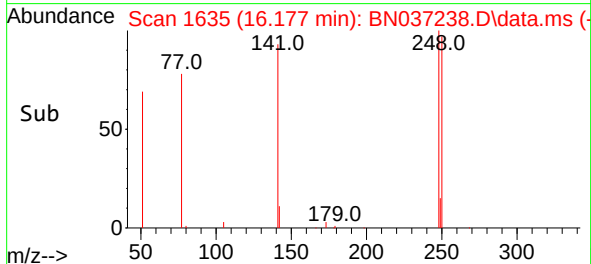
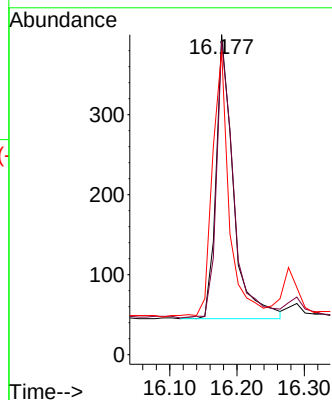
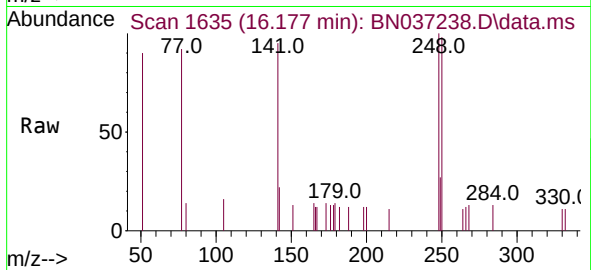




#21  
4-Bromophenyl-phenylether  
Concen: 0.389 ng  
RT: 16.177 min Scan# 1635  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

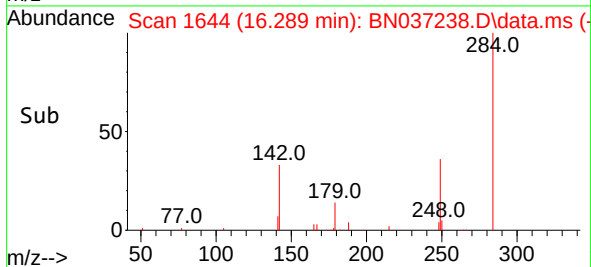
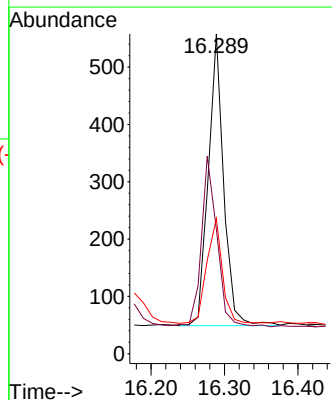
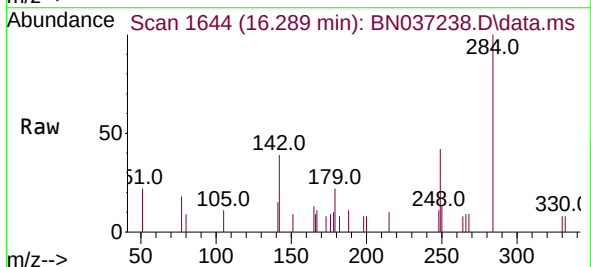
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

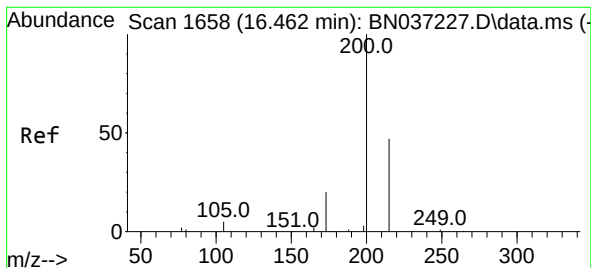
Tgt Ion:248 Resp: 634  
Ion Ratio Lower Upper  
248 100  
250 98.0 76.8 115.2  
141 95.0 75.6 113.4



#22  
Hexachlorobenzene  
Concen: 0.392 ng  
RT: 16.289 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

Tgt Ion:284 Resp: 741  
Ion Ratio Lower Upper  
284 100  
142 59.8 43.8 65.6  
249 36.3 28.4 42.6





#23

Atrazine

Concen: 0.372 ng

RT: 16.450 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BN037238.D

Acq: 13 Jun 2025 22:01

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

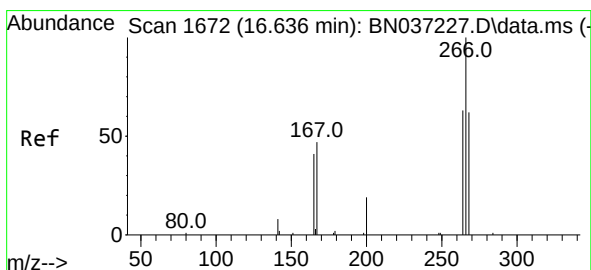
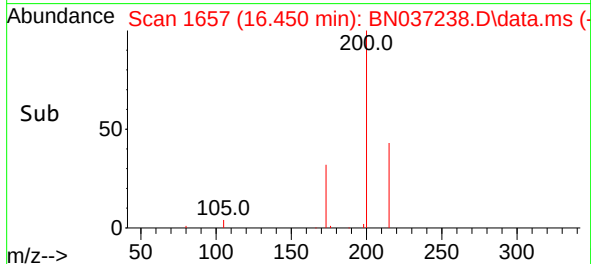
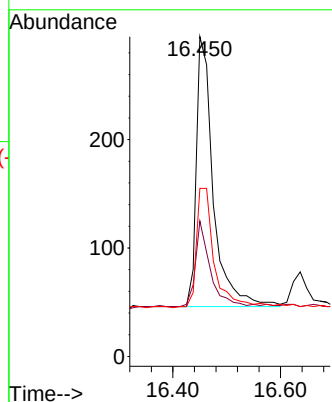
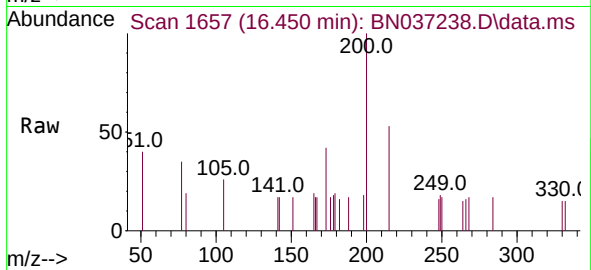
Tgt Ion:200 Resp: 541

Ion Ratio Lower Upper

200 100

173 42.4 25.1 37.7#

215 52.5 43.7 65.5



#24

Pentachlorophenol

Concen: 0.376 ng

RT: 16.636 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BN037238.D

Acq: 13 Jun 2025 22:01

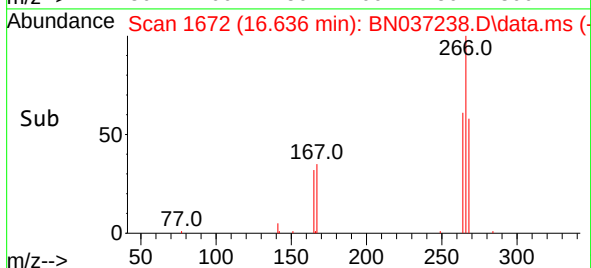
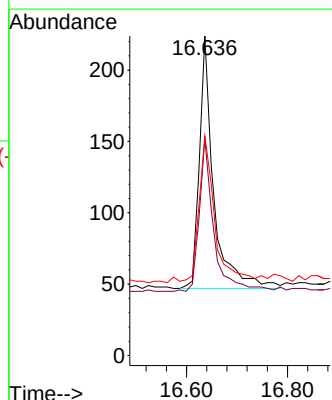
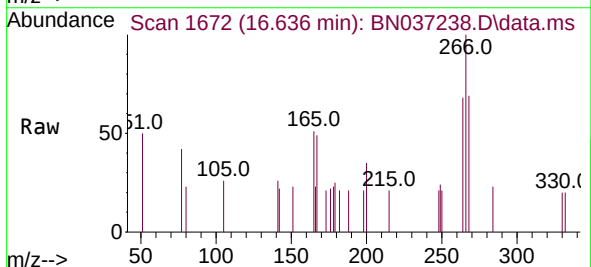
Tgt Ion:266 Resp: 348

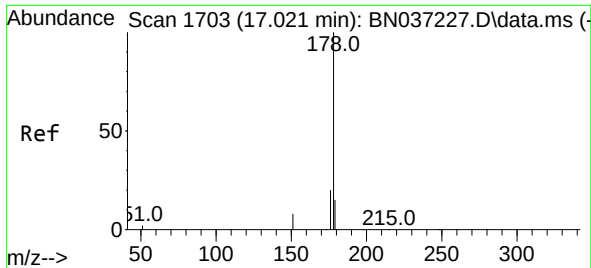
Ion Ratio Lower Upper

266 100

264 60.3 49.2 73.8

268 64.9 53.4 80.2

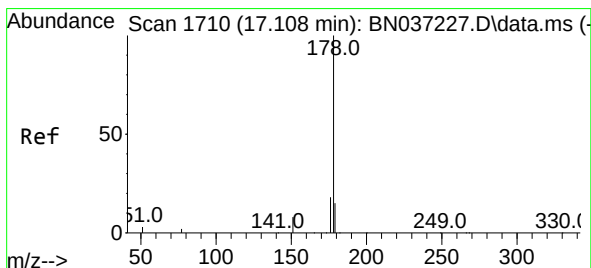
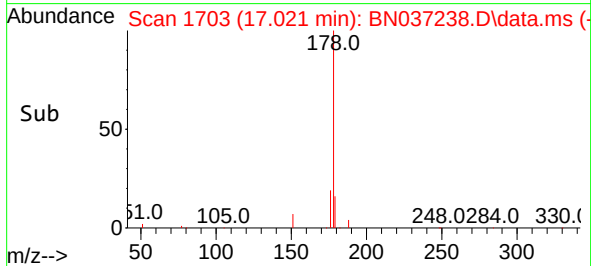
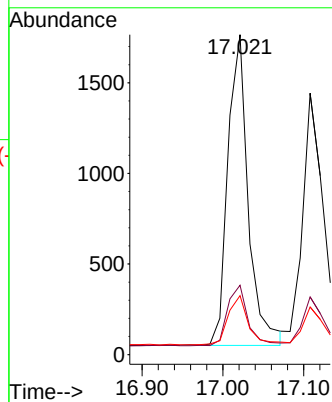
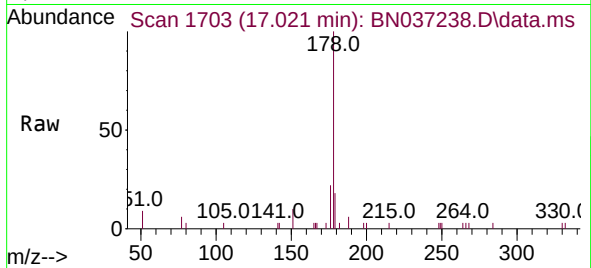




#25  
Phenanthrene  
Concen: 0.380 ng  
RT: 17.021 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

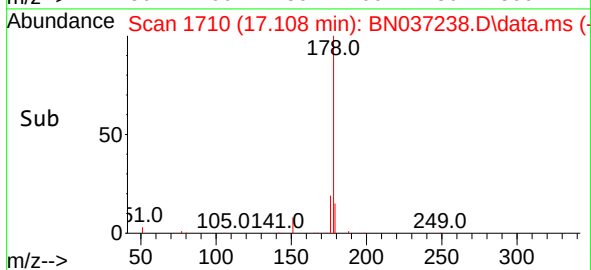
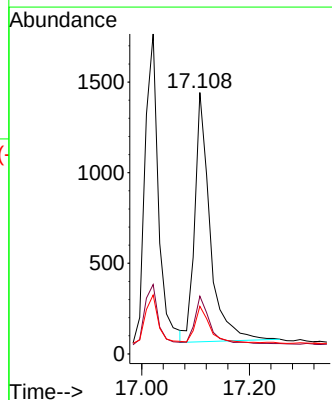
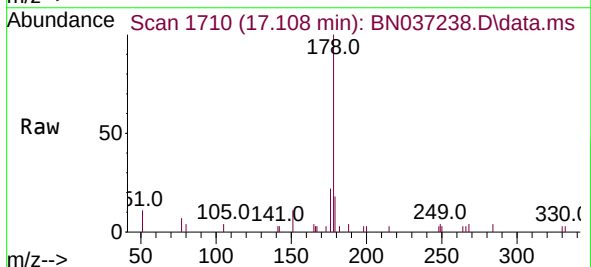
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

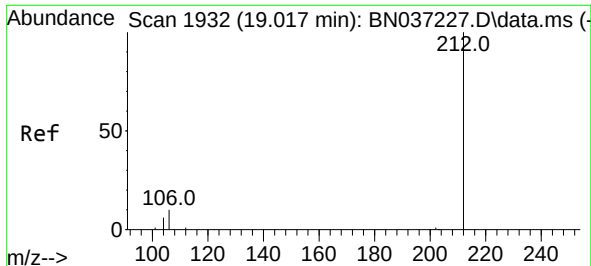
Tgt Ion:178 Resp: 3012  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.3 24.5  
179 15.8 12.6 18.8



#26  
Anthracene  
Concen: 0.373 ng  
RT: 17.108 min Scan# 1710  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

Tgt Ion:178 Resp: 2710  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.1 22.7  
179 14.7 12.4 18.6

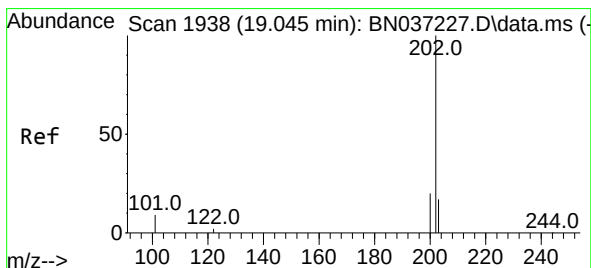
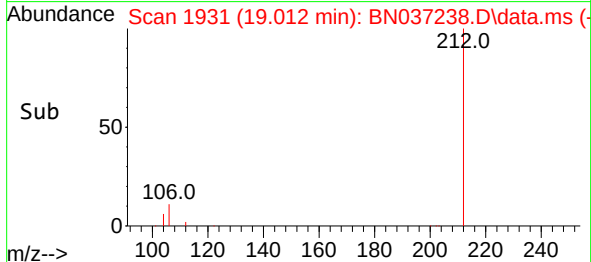
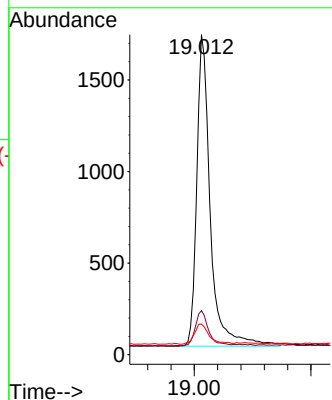
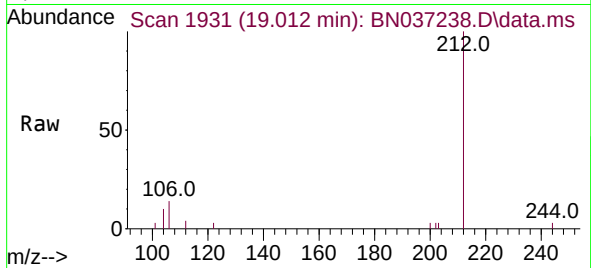




#27  
Fluoranthene-d10  
Concen: 0.417 ng  
RT: 19.012 min Scan# 1932  
Delta R.T. -0.004 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

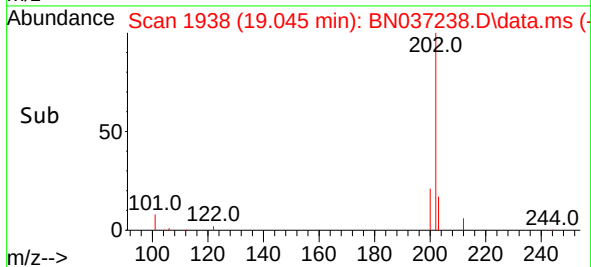
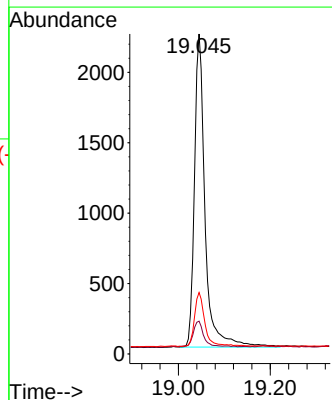
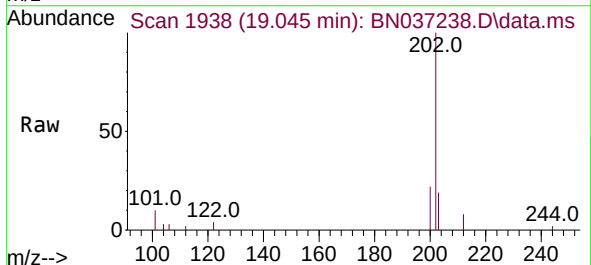
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:212 Resp: 2729  
Ion Ratio Lower Upper  
212 100  
106 10.8 9.3 13.9  
104 7.1 5.7 8.5

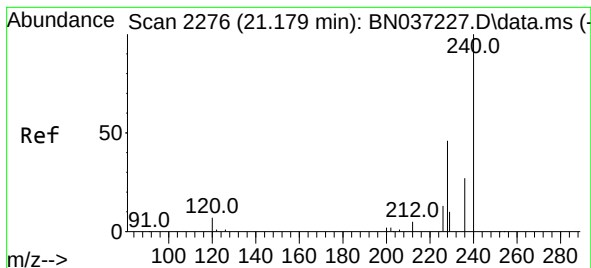


#28  
Fluoranthene  
Concen: 0.385 ng  
RT: 19.045 min Scan# 1938  
Delta R.T. 0.000 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

Tgt Ion:202 Resp: 3574  
Ion Ratio Lower Upper  
202 100  
101 7.9 7.1 10.7  
203 16.9 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: BN037238.D

Acq: 13 Jun 2025 22:01

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

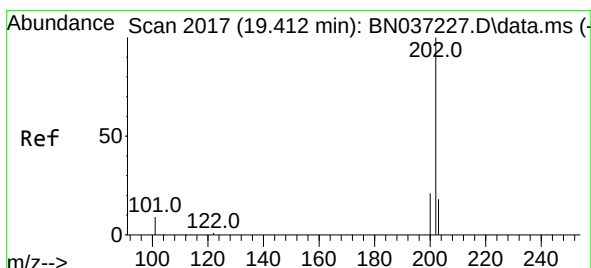
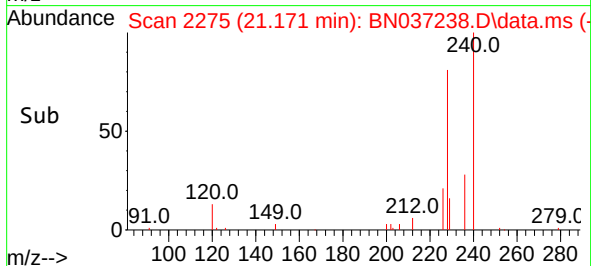
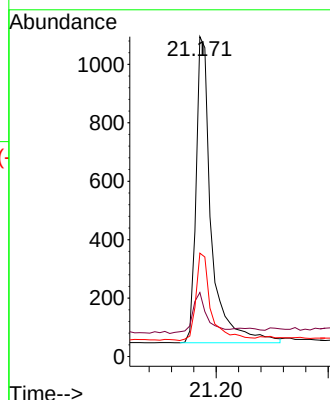
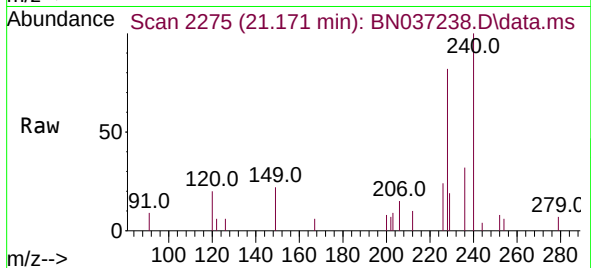
Tgt Ion:240 Resp: 1991

Ion Ratio Lower Upper

240 100

120 20.0 11.3 16.9#

236 32.3 24.4 36.6



#30

Pyrene

Concen: 0.382 ng

RT: 19.407 min Scan# 2016

Delta R.T. -0.004 min

Lab File: BN037238.D

Acq: 13 Jun 2025 22:01

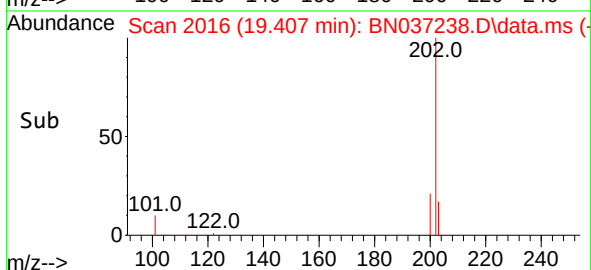
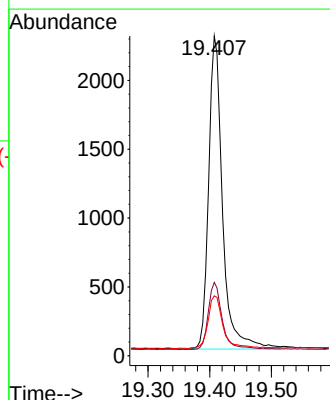
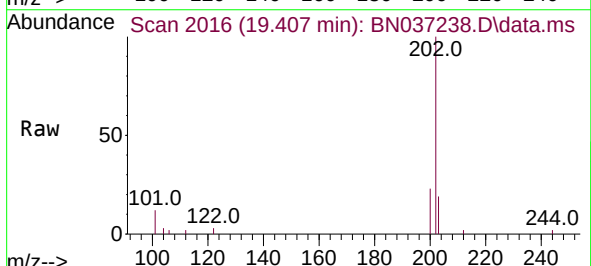
Tgt Ion:202 Resp: 3580

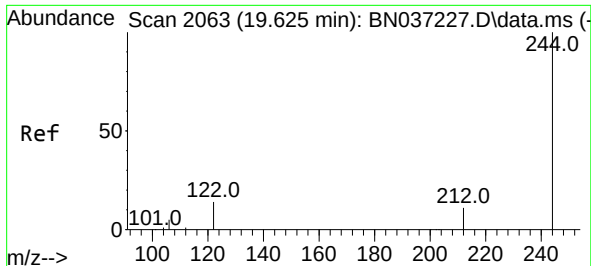
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 18.6 14.3 21.5

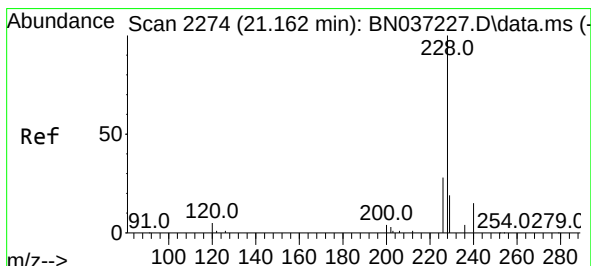
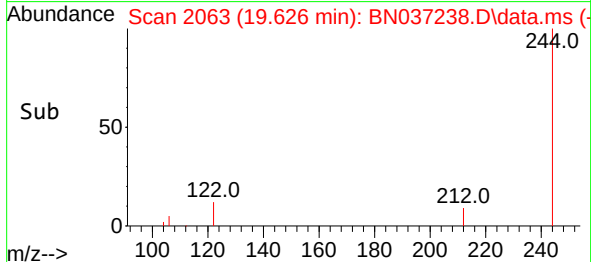
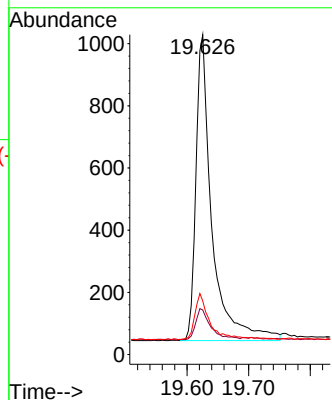
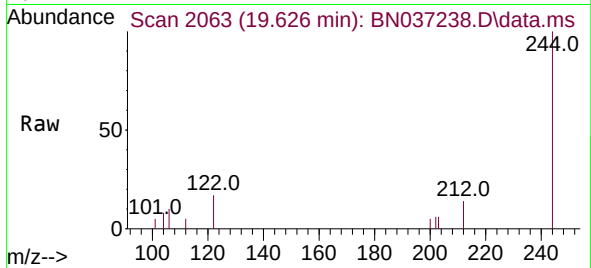




#31  
 Terphenyl-d14  
 Concen: 0.392 ng  
 RT: 19.626 min Scan# 2063  
 Delta R.T. 0.000 min  
 Lab File: BN037238.D  
 Acq: 13 Jun 2025 22:01

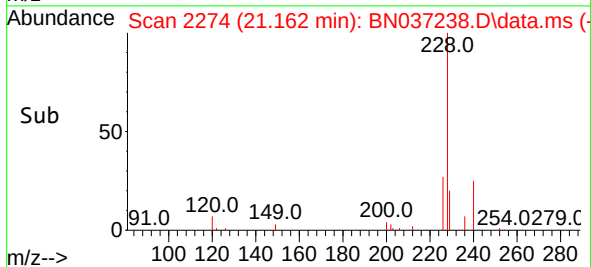
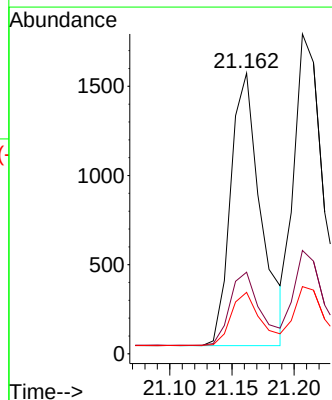
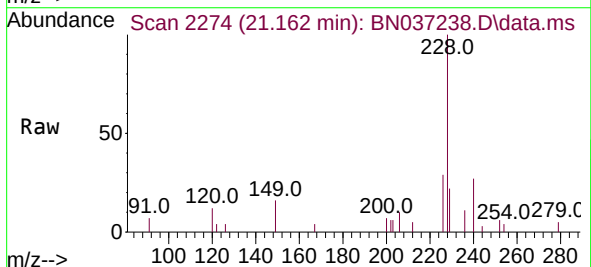
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

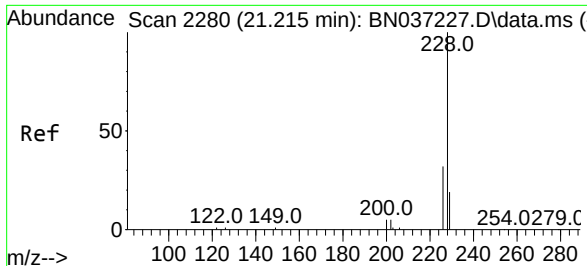
Tgt Ion:244 Resp: 1763  
 Ion Ratio Lower Upper  
 244 100  
 212 13.9 12.2 18.2  
 122 16.7 14.3 21.5



#32  
 Benzo(a)anthracene  
 Concen: 0.385 ng  
 RT: 21.162 min Scan# 2274  
 Delta R.T. 0.000 min  
 Lab File: BN037238.D  
 Acq: 13 Jun 2025 22:01

Tgt Ion:228 Resp: 2590  
 Ion Ratio Lower Upper  
 228 100  
 226 29.1 23.8 35.8  
 229 21.9 17.0 25.4





#33

Chrysene

Concen: 0.391 ng

RT: 21.207 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037238.D

Acq: 13 Jun 2025 22:01

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

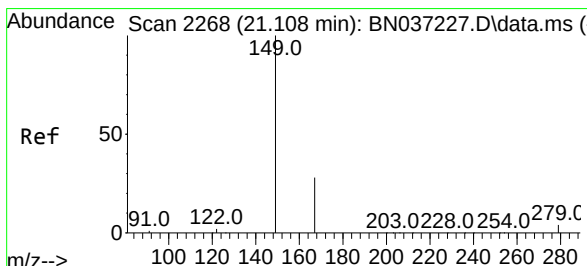
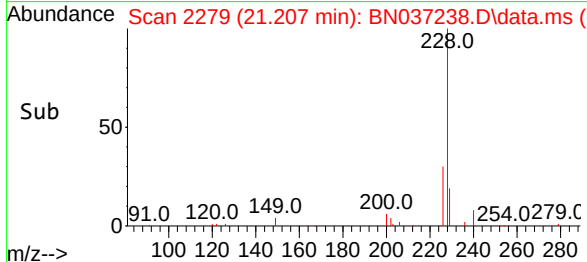
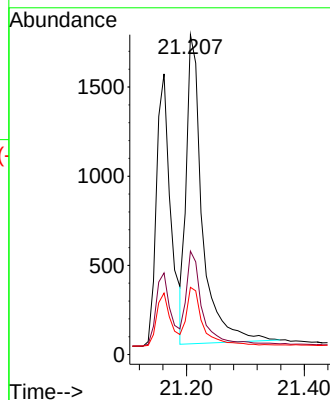
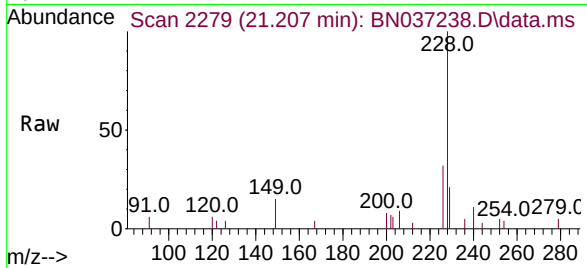
Tgt Ion:228 Resp: 3275

Ion Ratio Lower Upper

228 100

226 32.3 25.8 38.6

229 21.0 17.0 25.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.379 ng

RT: 21.099 min Scan# 2267

Delta R.T. -0.009 min

Lab File: BN037238.D

Acq: 13 Jun 2025 22:01

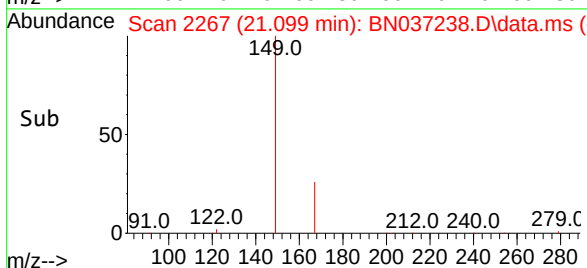
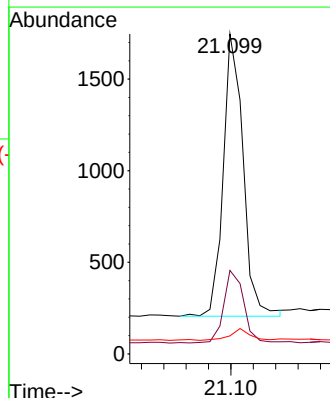
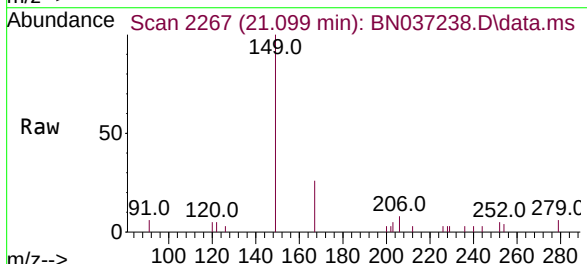
Tgt Ion:149 Resp: 1899

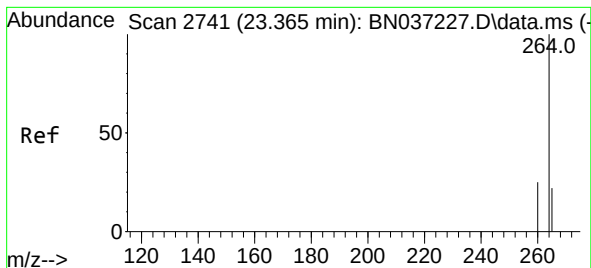
Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

279 4.4 3.3 4.9





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.363 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN037238.D

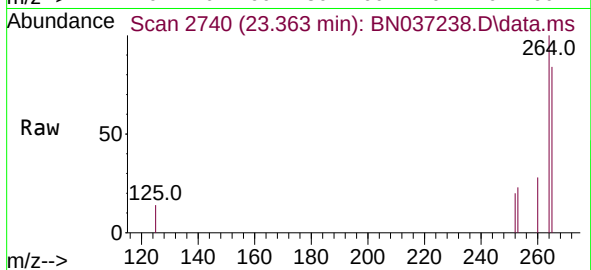
Acq: 13 Jun 2025 22:01

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



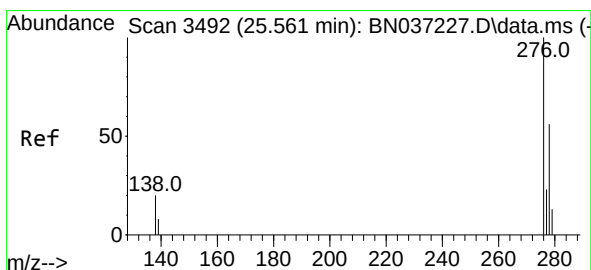
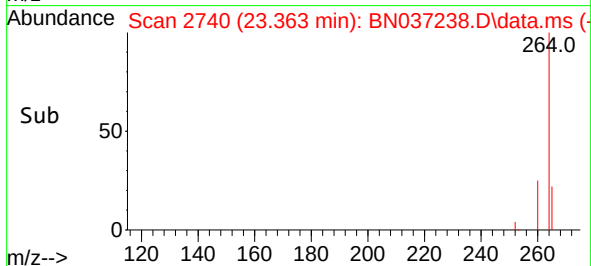
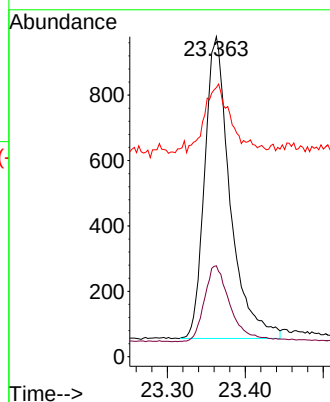
Tgt Ion:264 Resp: 2098

Ion Ratio Lower Upper

264 100

260 28.4 22.8 34.2

265 84.1 66.4 99.6



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.417 ng

RT: 25.553 min Scan# 3489

Delta R.T. -0.009 min

Lab File: BN037238.D

Acq: 13 Jun 2025 22:01

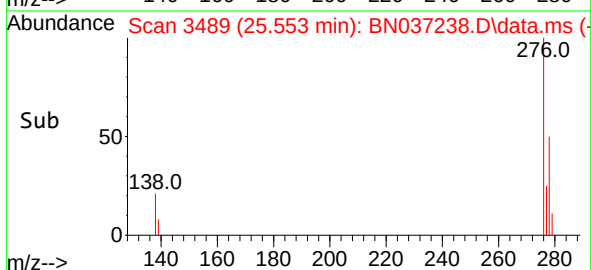
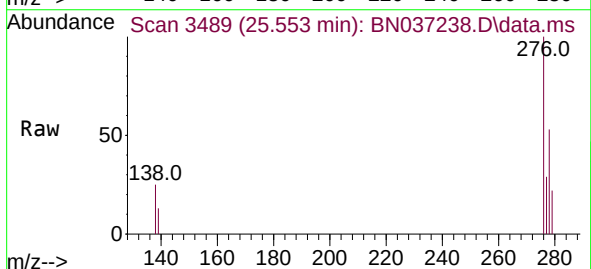
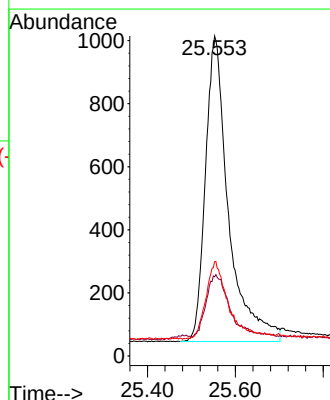
Tgt Ion:276 Resp: 3529

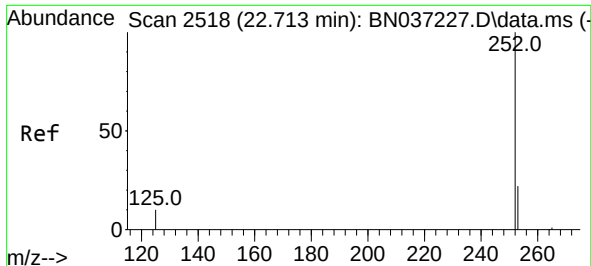
Ion Ratio Lower Upper

276 100

138 21.0 16.8 25.2

277 23.5 19.5 29.3





#37

Benzo(b)fluoranthene

Concen: 0.379 ng

RT: 22.708 min Scan# 2516

Delta R.T. -0.006 min

Lab File: BN037238.D

Acq: 13 Jun 2025 22:01

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

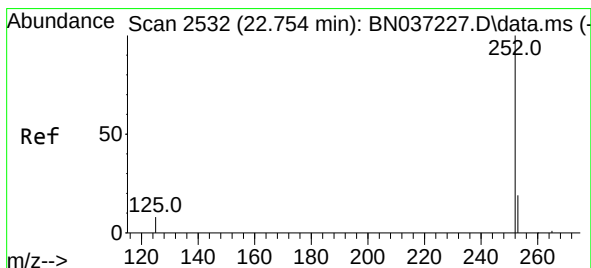
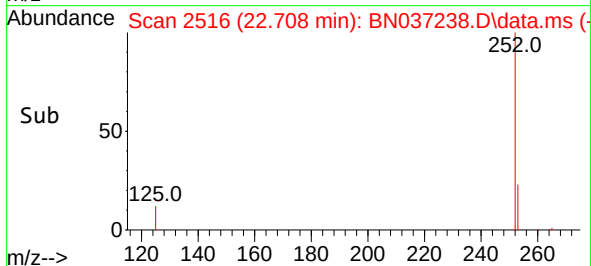
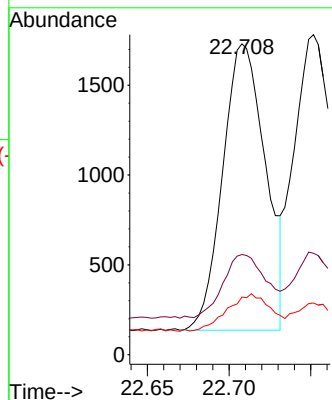
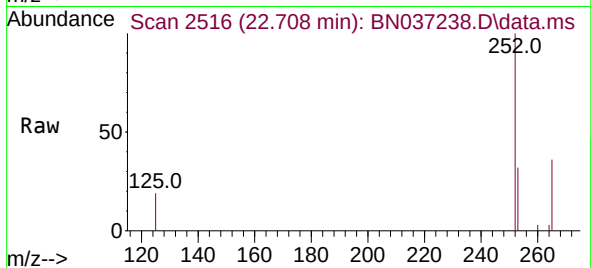
Tgt Ion:252 Resp: 2905

Ion Ratio Lower Upper

252 100

253 32.2 24.9 37.3

125 18.5 12.9 19.3



#38

Benzo(k)fluoranthene

Concen: 0.374 ng

RT: 22.752 min Scan# 2531

Delta R.T. -0.003 min

Lab File: BN037238.D

Acq: 13 Jun 2025 22:01

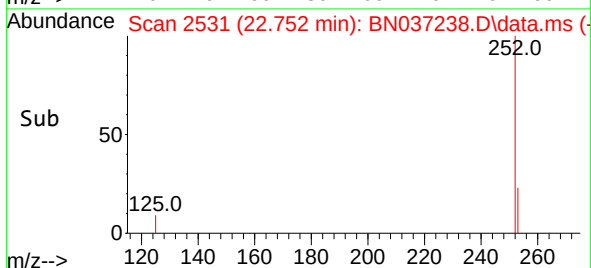
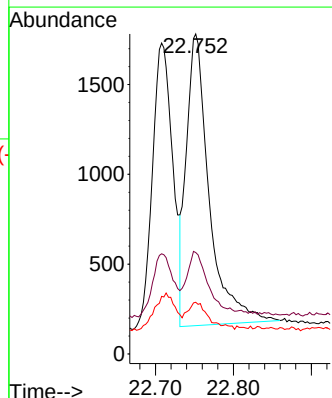
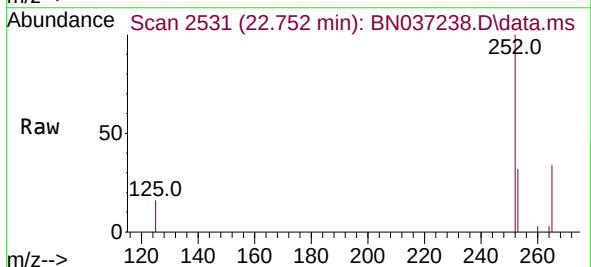
Tgt Ion:252 Resp: 3315

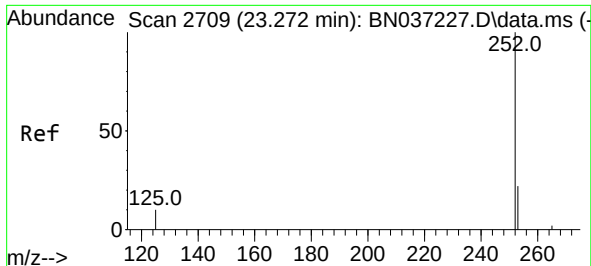
Ion Ratio Lower Upper

252 100

253 31.7 24.6 37.0

125 16.2 13.4 20.2





#39

Benzo(a)pyrene

Concen: 0.396 ng

RT: 23.266 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN037238.D

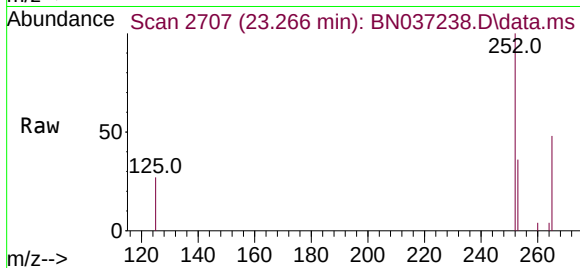
Acq: 13 Jun 2025 22:01

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



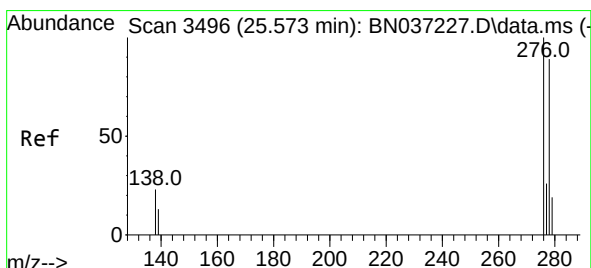
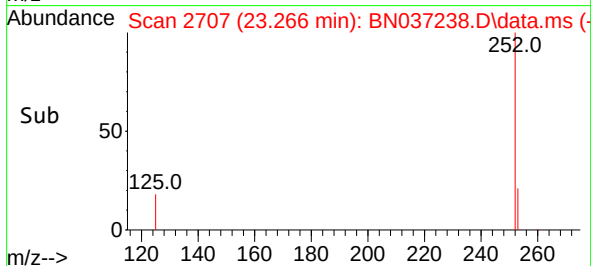
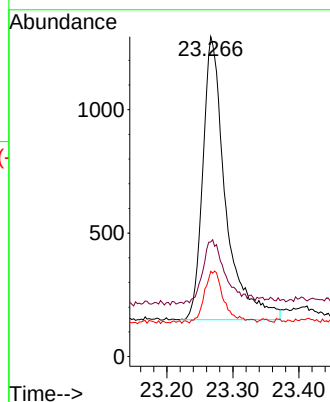
Tgt Ion:252 Resp: 2731

Ion Ratio Lower Upper

252 100

253 35.8 29.4 44.2

125 26.6 16.2 24.2#



#40

Dibenzo(a,h)anthracene

Concen: 0.403 ng

RT: 25.567 min Scan# 3494

Delta R.T. -0.006 min

Lab File: BN037238.D

Acq: 13 Jun 2025 22:01

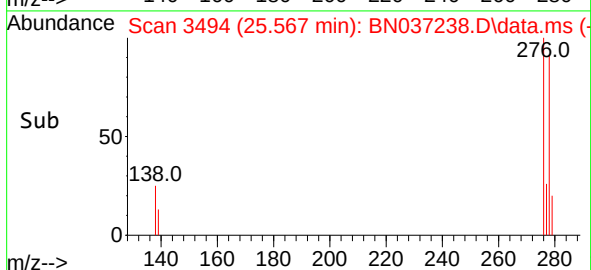
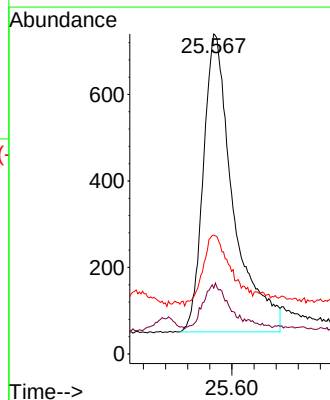
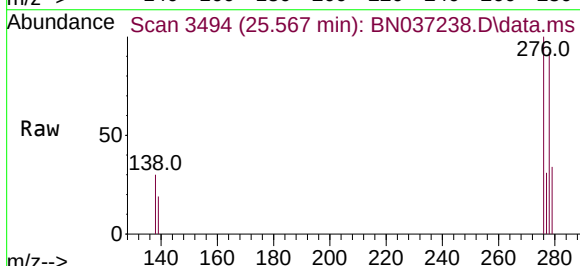
Tgt Ion:278 Resp: 2592

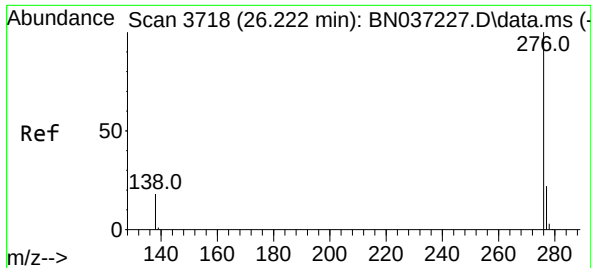
Ion Ratio Lower Upper

278 100

139 20.5 17.8 26.6

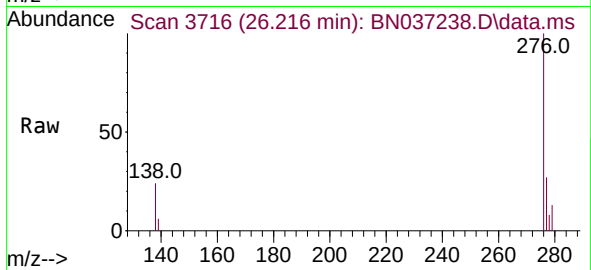
279 37.2 31.3 46.9





#41  
Benzo(g,h,i)perylene  
Concen: 0.409 ng  
RT: 26.216 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BN037238.D  
Acq: 13 Jun 2025 22:01

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:276 Resp: 3206  
Ion Ratio Lower Upper  
276 100  
277 27.1 22.0 33.0  
138 24.1 18.4 27.6

