

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
 Data File : BN037282.D  
 Acq On : 15 Jun 2025 03:54  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Jun 16 02:47:53 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

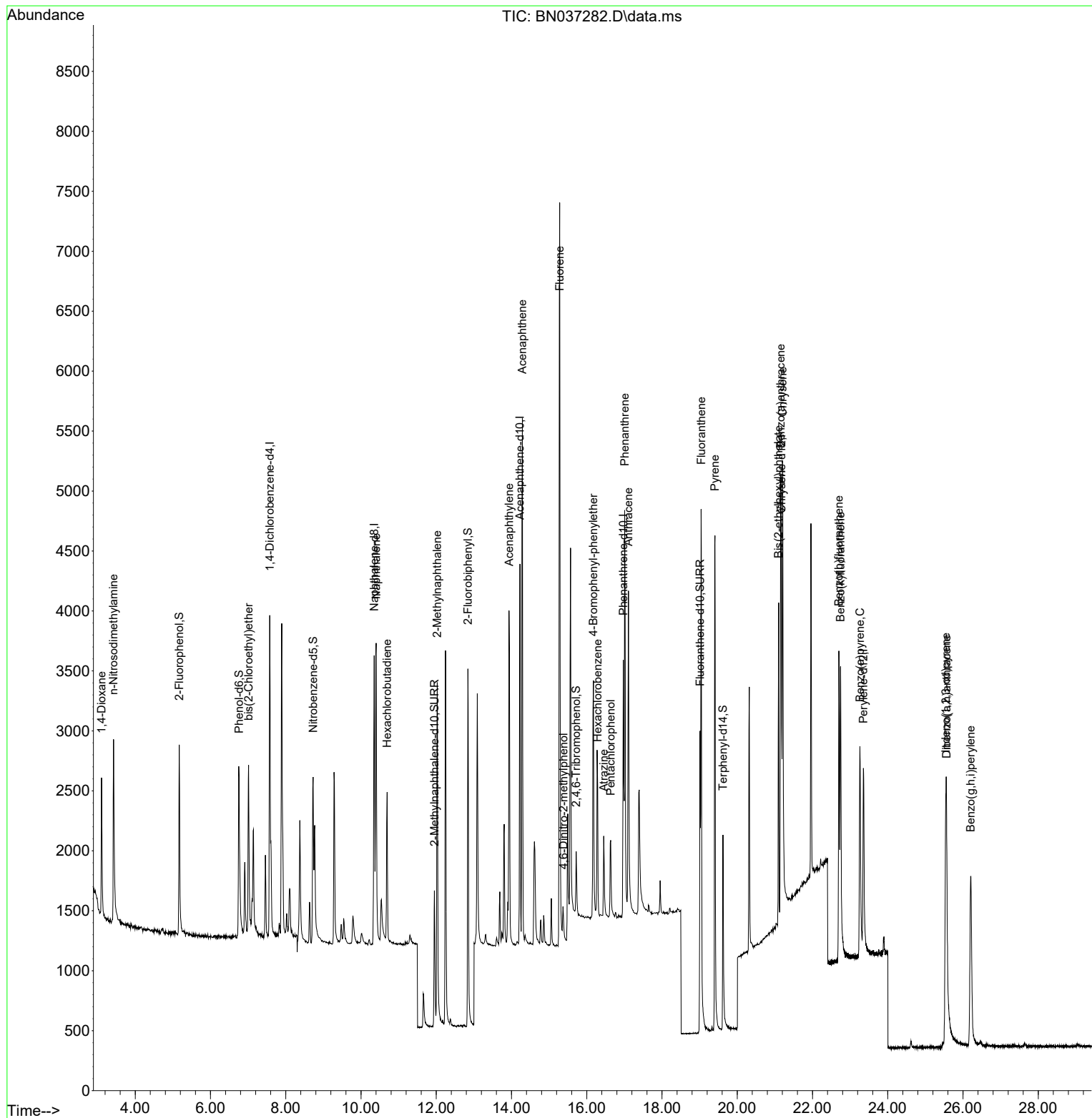
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.575  | 152  | 1297     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.351 | 136  | 3173     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.224 | 164  | 1710     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.971 | 188  | 3109     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.171 | 240  | 2311     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.351 | 264  | 2261     | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.170  | 112  | 1187     | 0.373 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.759  | 99   | 1349     | 0.402 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.728  | 82   | 1334     | 0.425 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.950 | 152  | 1783     | 0.419 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.718 | 330  | 293      | 0.413 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.843 | 172  | 2968     | 0.413 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.012 | 212  | 3277     | 0.403 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.621 | 244  | 2194     | 0.420 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.104  | 88   | 629      | 0.353 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.422  | 42   | 1632     | 0.403 | ng    | 100      |
| 6) bis(2-Chloroethyl)ether    | 7.012  | 93   | 1224     | 0.407 | ng    | 93       |
| 9) Naphthalene                | 10.404 | 128  | 3674     | 0.400 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.693 | 225  | 930      | 0.416 | ng    | # 95     |
| 12) 2-Methylnaphthalene       | 12.026 | 142  | 2248     | 0.402 | ng    | 99       |
| 16) Acenaphthylene            | 13.935 | 152  | 3158     | 0.377 | ng    | 98       |
| 17) Acenaphthene              | 14.288 | 154  | 2107     | 0.390 | ng    | 99       |
| 18) Fluorene                  | 15.282 | 166  | 2693     | 0.388 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.378 | 198  | 282      | 0.462 | ng    | # 70     |
| 21) 4-Bromophenyl-phenylether | 16.177 | 248  | 834      | 0.412 | ng    | # 87     |
| 22) Hexachlorobenzene         | 16.289 | 284  | 930      | 0.396 | ng    | 97       |
| 23) Atrazine                  | 16.450 | 200  | 711      | 0.393 | ng    | 92       |
| 24) Pentachlorophenol         | 16.636 | 266  | 435      | 0.378 | ng    | 98       |
| 25) Phenanthrene              | 17.009 | 178  | 3779     | 0.383 | ng    | 99       |
| 26) Anthracene                | 17.108 | 178  | 3458     | 0.383 | ng    | 99       |
| 28) Fluoranthene              | 19.040 | 202  | 4402     | 0.381 | ng    | 99       |
| 30) Pyrene                    | 19.407 | 202  | 4393     | 0.404 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.153 | 228  | 3022     | 0.387 | ng    | 99       |
| 33) Chrysene                  | 21.206 | 228  | 3925     | 0.404 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149  | 2319     | 0.399 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.541 | 276  | 3478     | 0.381 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.702 | 252  | 3315     | 0.401 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.746 | 252  | 3572     | 0.374 | ng    | 96       |
| 39) Benzo(a)pyrene            | 23.260 | 252  | 2896     | 0.389 | ng    | 93       |
| 40) Dibenzo(a,h)anthracene    | 25.561 | 278  | 2756     | 0.397 | ng    | 95       |
| 41) Benzo(g,h,i)perylene      | 26.204 | 276  | 3285     | 0.389 | ng    | 98       |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
Data File : BN037282.D  
Acq On : 15 Jun 2025 03:54  
Operator : RC/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

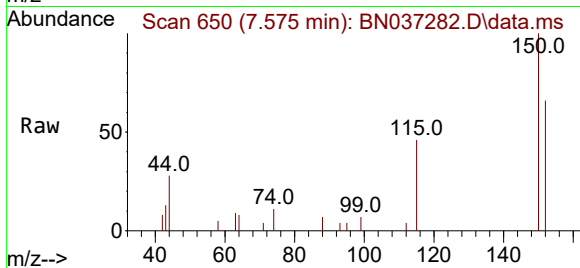
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 13 18:43:34 2025  
Response via : Initial Calibration



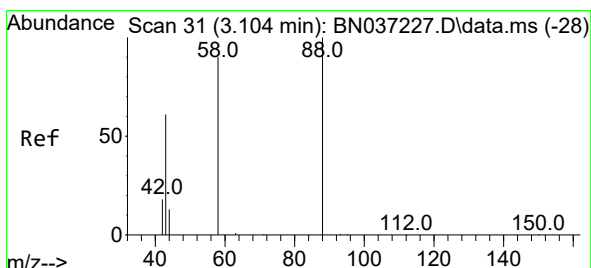
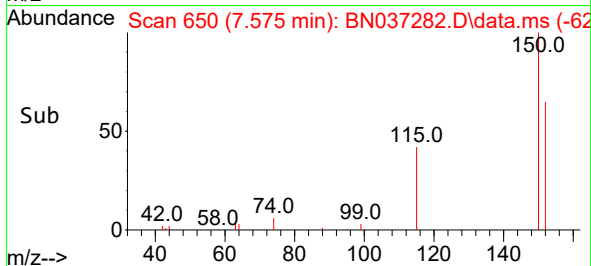
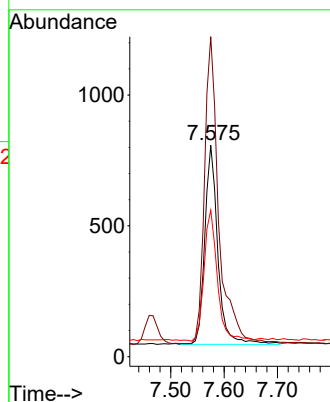


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.575 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN037282.D  
 Acq: 15 Jun 2025 03:54

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

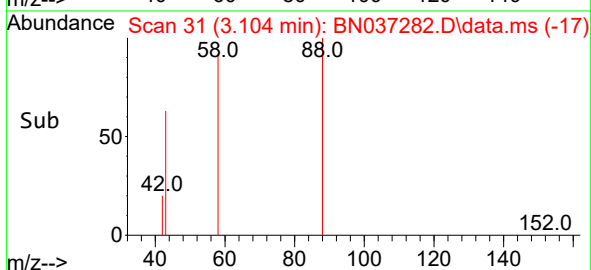
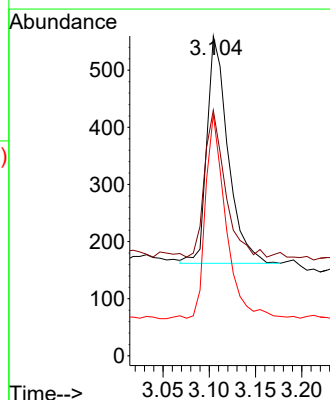
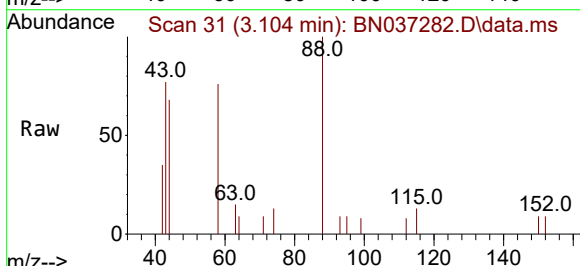


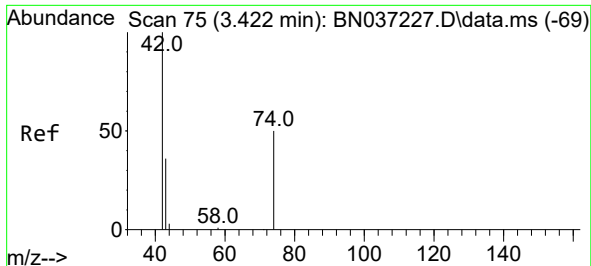
Tgt Ion:152 Resp: 1297  
 Ion Ratio Lower Upper  
 152 100  
 150 151.4 125.2 187.8  
 115 69.3 58.4 87.6



#2  
 1,4-Dioxane  
 Concen: 0.353 ng  
 RT: 3.104 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BN037282.D  
 Acq: 15 Jun 2025 03:54

Tgt Ion: 88 Resp: 629  
 Ion Ratio Lower Upper  
 88 100  
 43 63.0 52.6 79.0  
 58 87.4 73.5 110.3

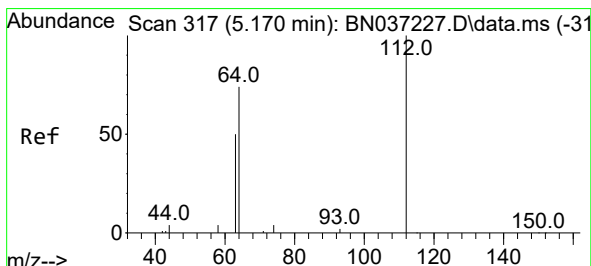
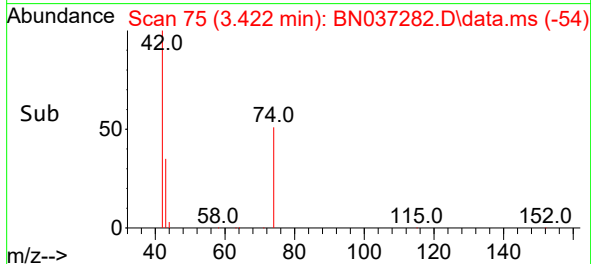
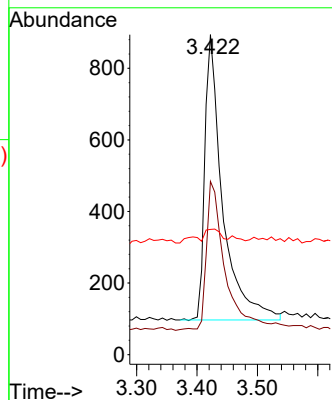
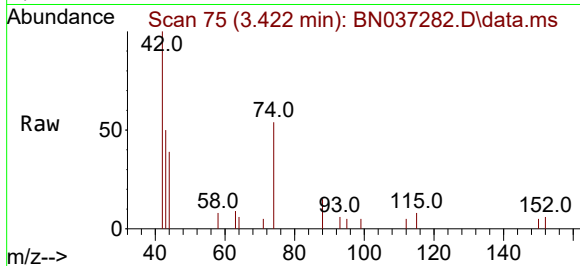




#3  
n-Nitrosodimethylamine  
Concen: 0.403 ng  
RT: 3.422 min Scan# 75  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

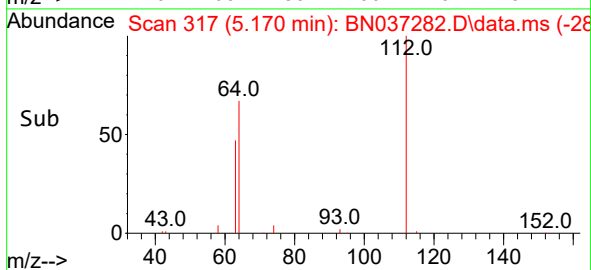
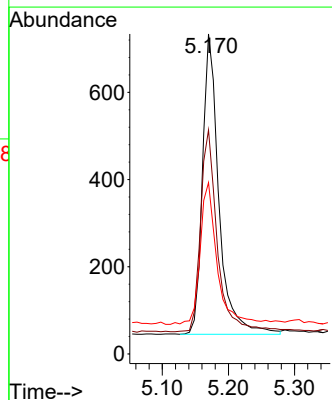
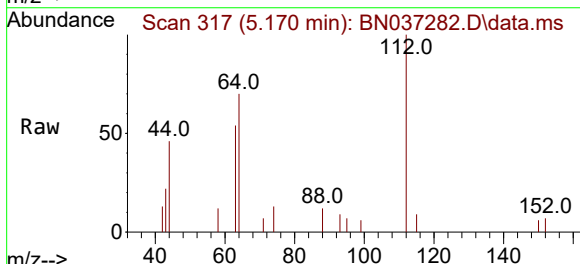
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 1632  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 55.9  | 44.6  | 66.8  |
| 44       | 3.9   | 3.5   | 5.3   |



#4  
2-Fluorophenol  
Concen: 0.373 ng  
RT: 5.170 min Scan# 317  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 1187  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 69.8  | 57.2  | 85.8  |
| 63       | 48.4  | 39.8  | 59.6  |

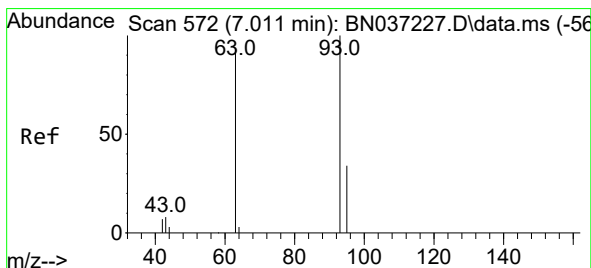
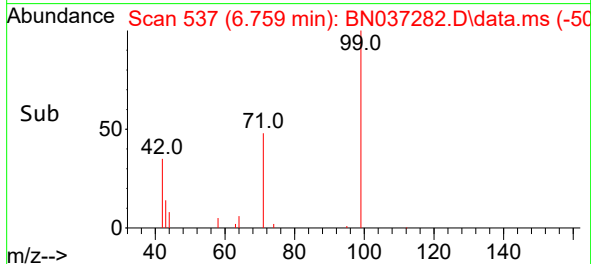
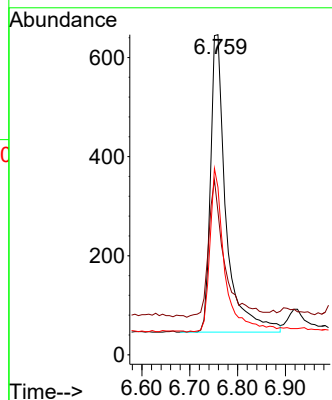
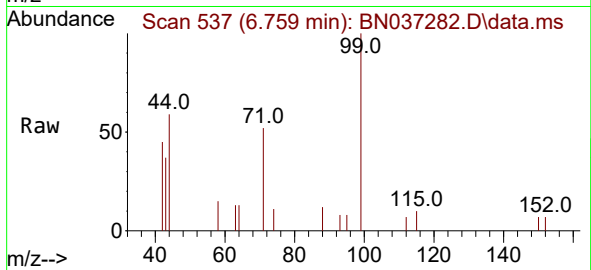




#5  
Phenol-d6  
Concen: 0.402 ng  
RT: 6.759 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

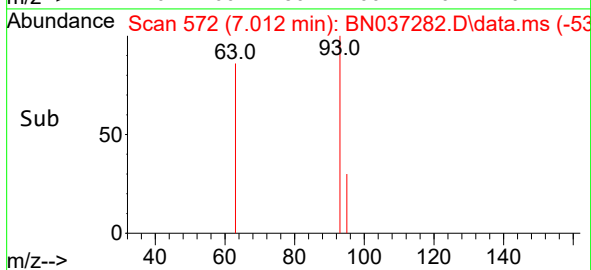
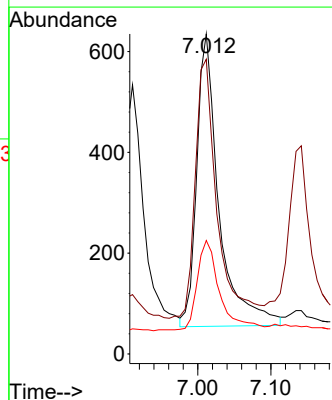
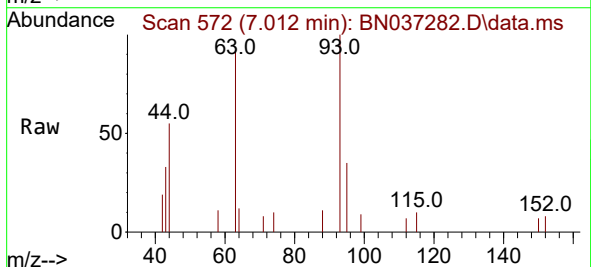
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1349  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 47.1  | 36.2  | 54.4  |
| 71       | 54.2  | 42.4  | 63.6  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.407 ng  
RT: 7.012 min Scan# 572  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 1224  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 86.8  | 75.2  | 112.8 |
| 95       | 32.1  | 28.3  | 42.5  |

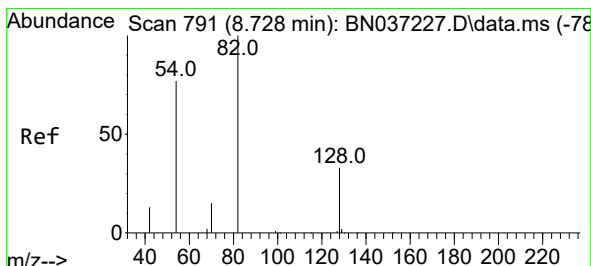
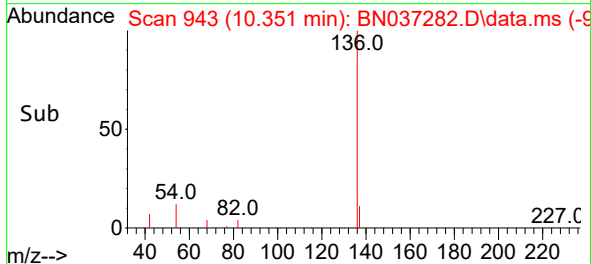
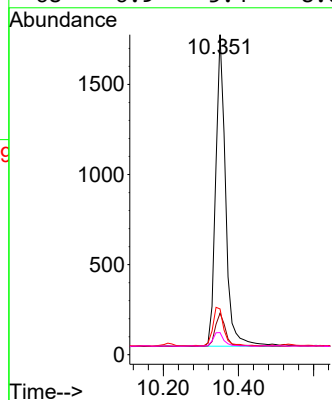
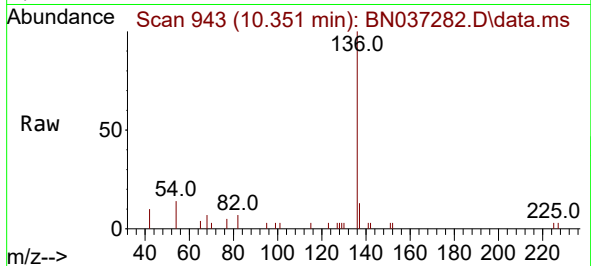




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.351 min Scan# 944  
Delta R.T. -0.011 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

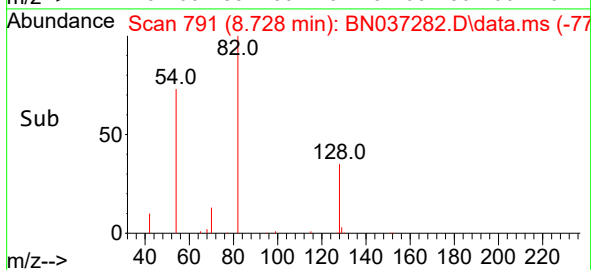
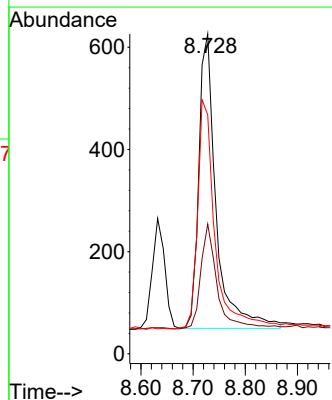
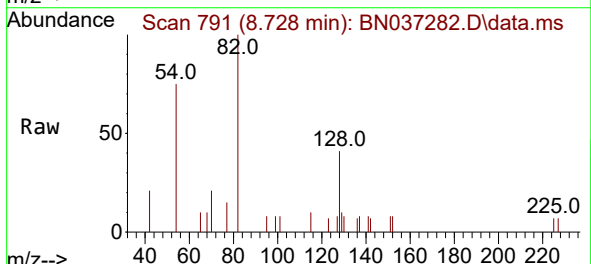
Instrument :  
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ClientSampleId :  
SSTDCCC0.4EC

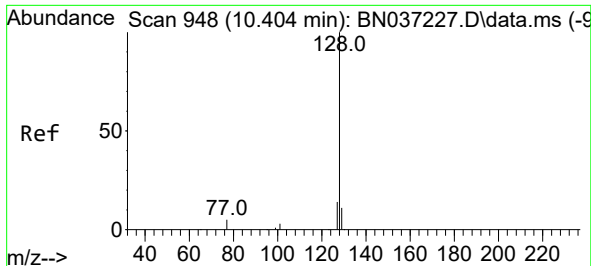
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 3173  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.0  | 10.6  | 15.8  |
| 54       | 14.3  | 9.2   | 13.8  |
| 68       | 6.9   | 5.4   | 8.0   |



#8  
Nitrobenzene-d5  
Concen: 0.425 ng  
RT: 8.728 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1334  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 40.6  | 31.2  | 46.8  |
| 54       | 74.8  | 63.3  | 94.9  |

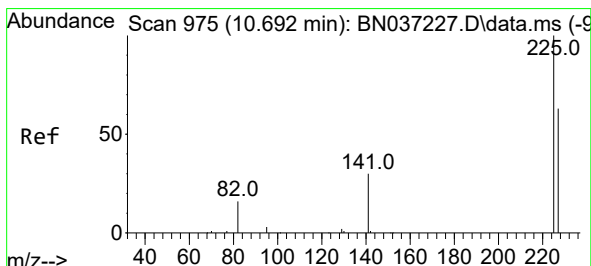
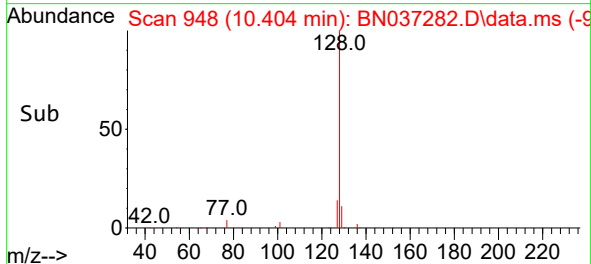
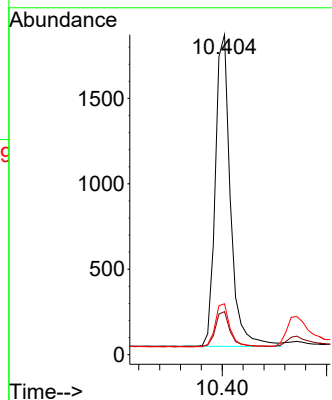
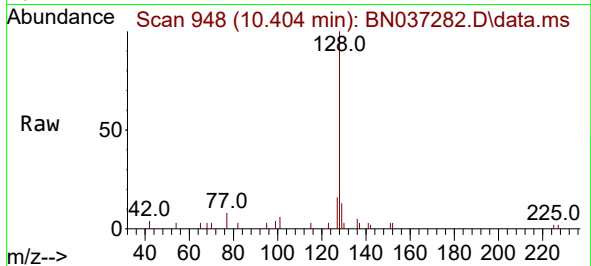




#9  
Naphthalene  
Concen: 0.400 ng  
RT: 10.404 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

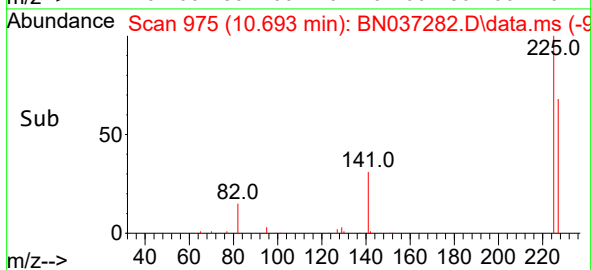
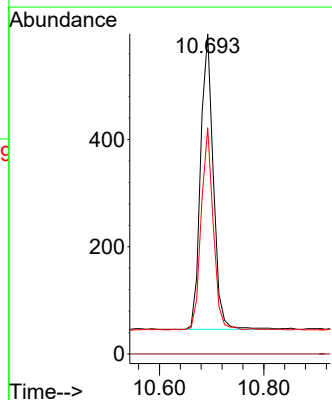
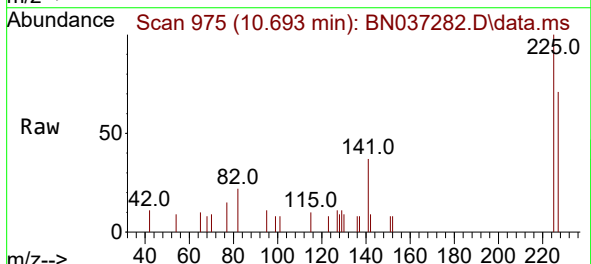
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:128 Resp: 3674  
Ion Ratio Lower Upper  
128 100  
129 13.5 10.7 16.1  
127 15.9 12.6 19.0



#10  
Hexachlorobutadiene  
Concen: 0.416 ng  
RT: 10.693 min Scan# 975  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

Tgt Ion:225 Resp: 930  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 65.1 49.2 73.8

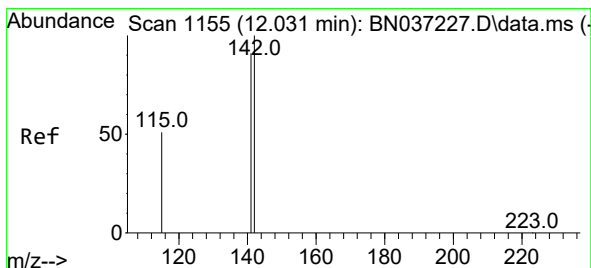
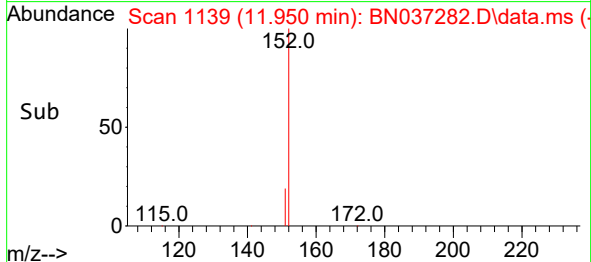
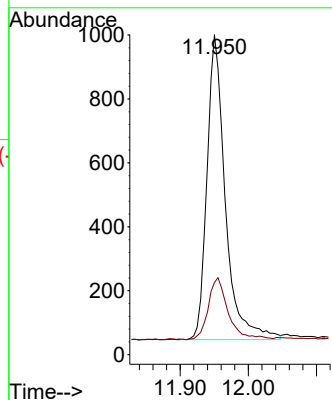
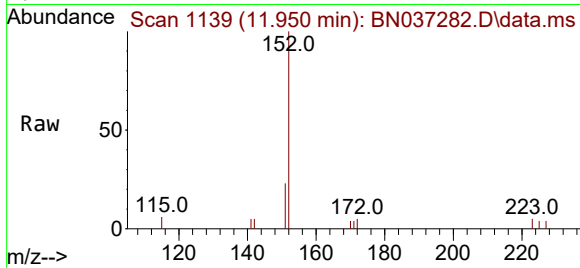




#11  
2-Methylnaphthalene-d10  
Concen: 0.419 ng  
RT: 11.950 min Scan# 1140  
Delta R.T. -0.005 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

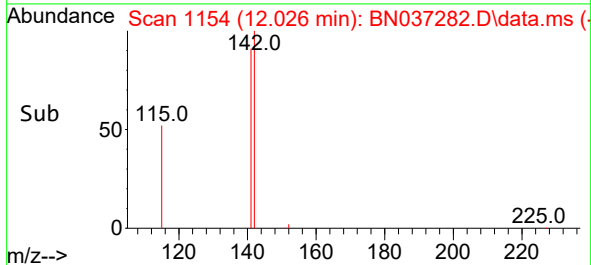
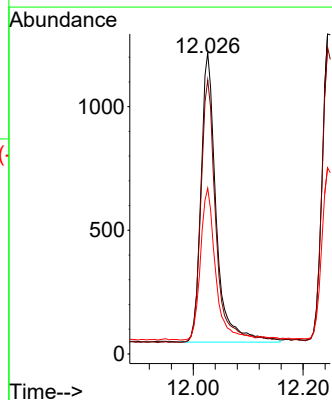
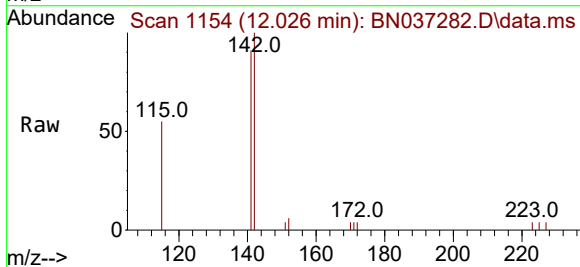
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

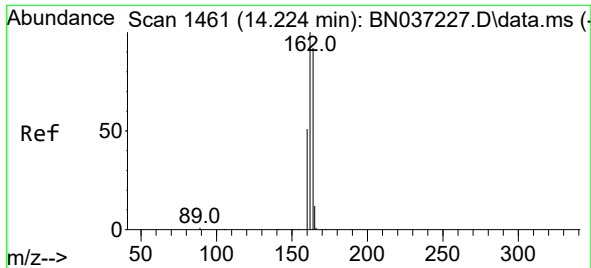
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Ion Ratio Lower Upper  
152 100  
151 22.0 17.9 26.9



#12  
2-Methylnaphthalene  
Concen: 0.402 ng  
RT: 12.026 min Scan# 1154  
Delta R.T. -0.005 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

Tgt Ion:142 Resp: 2248  
Ion Ratio Lower Upper  
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141 91.0 73.0 109.6  
115 55.0 43.3 64.9

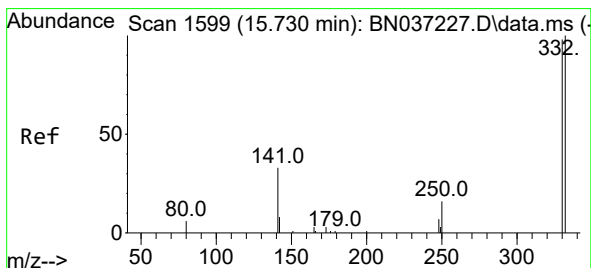
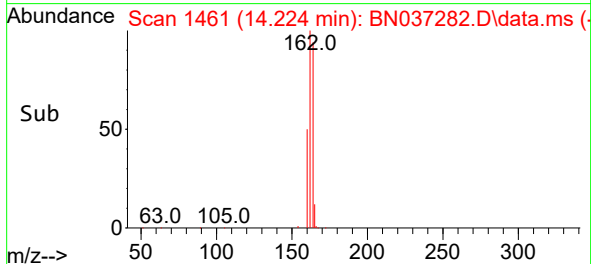
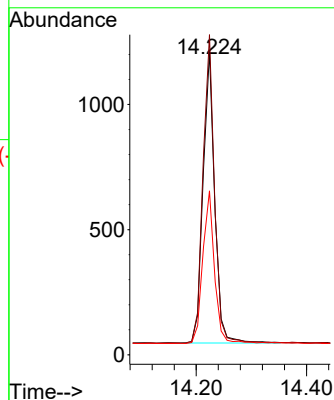
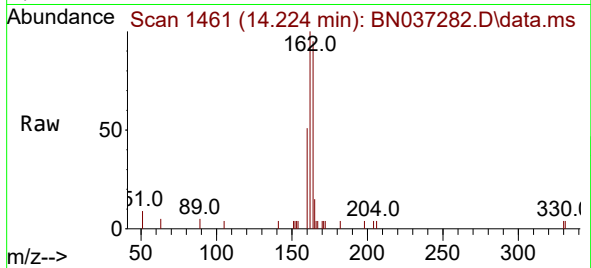




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.224 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

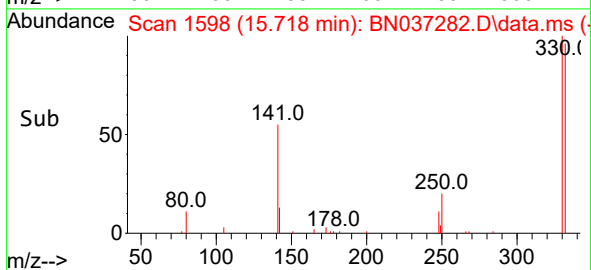
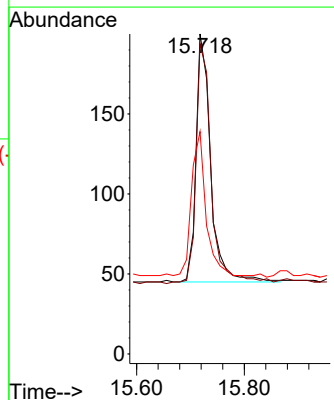
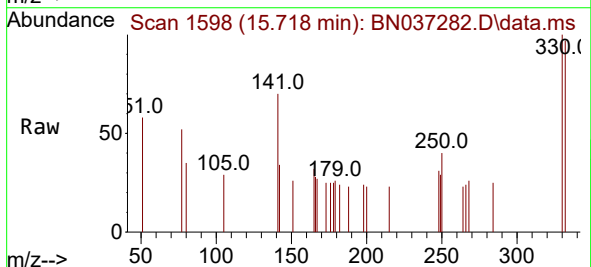
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

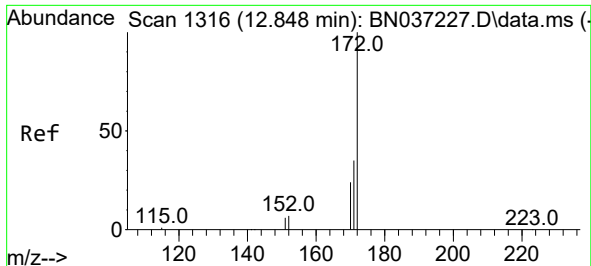
Tgt Ion:164 Resp: 1710  
Ion Ratio Lower Upper  
164 100  
162 105.6 86.7 130.1  
160 54.1 45.8 68.6



#14  
2,4,6-Tribromophenol  
Concen: 0.413 ng  
RT: 15.718 min Scan# 1598  
Delta R.T. -0.012 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

Tgt Ion:330 Resp: 293  
Ion Ratio Lower Upper  
330 100  
332 101.0 74.9 112.3  
141 57.0 45.1 67.7

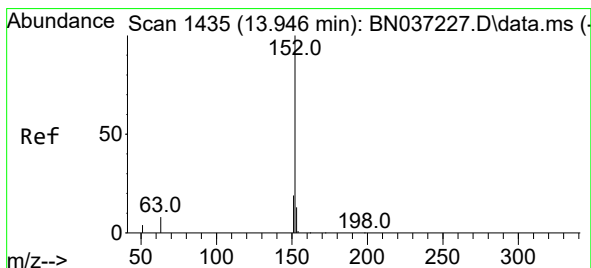
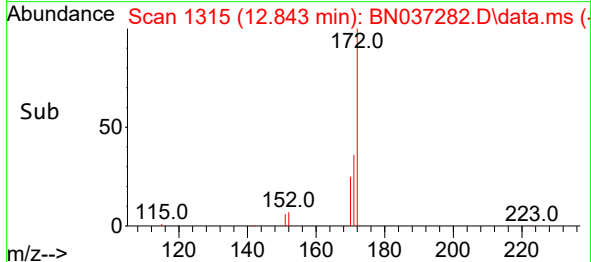
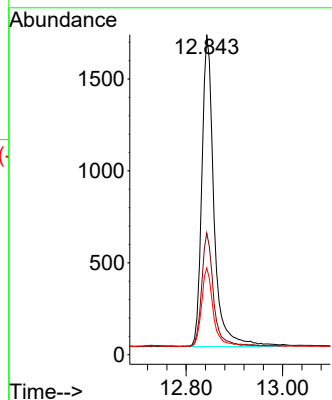
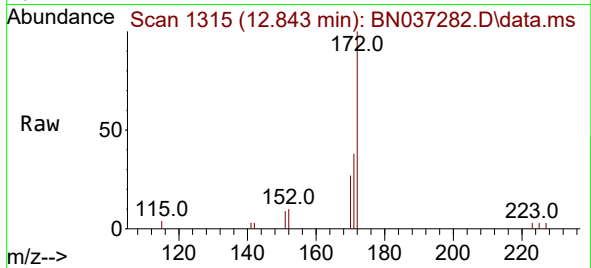




#15  
2-Fluorobiphenyl  
Concen: 0.413 ng  
RT: 12.843 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

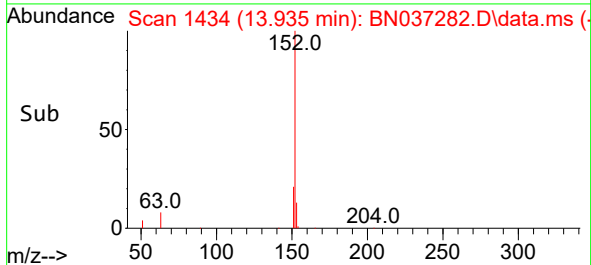
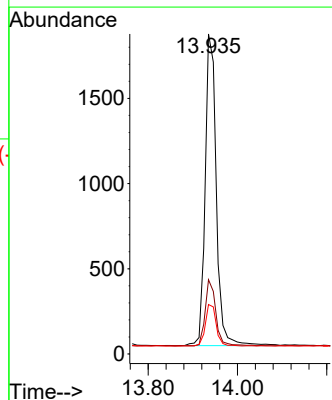
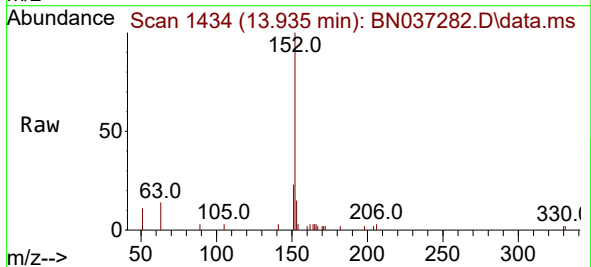
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

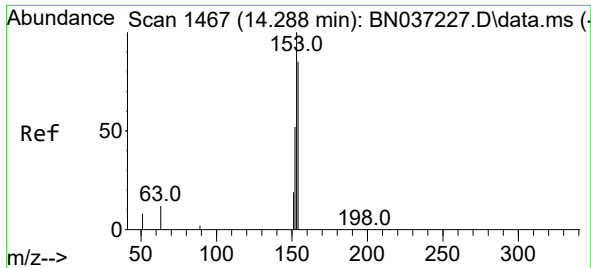
Tgt Ion:172 Resp: 2968  
Ion Ratio Lower Upper  
172 100  
171 38.1 29.8 44.8  
170 27.1 21.1 31.7



#16  
Acenaphthylene  
Concen: 0.377 ng  
RT: 13.935 min Scan# 1434  
Delta R.T. -0.011 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

Tgt Ion:152 Resp: 3158  
Ion Ratio Lower Upper  
152 100  
151 20.6 15.7 23.5  
153 13.2 10.7 16.1

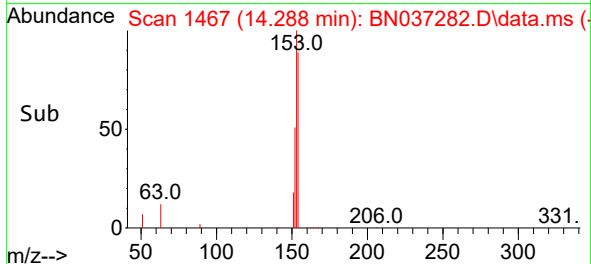
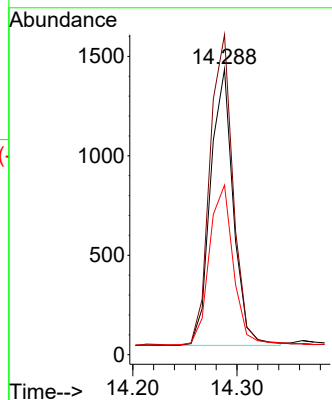
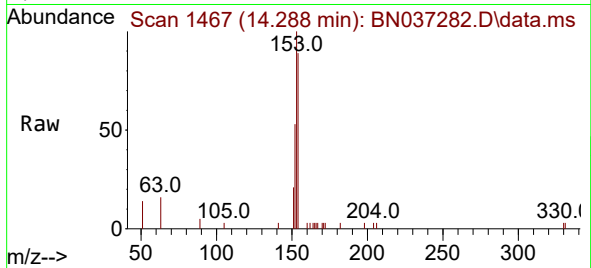




#17  
Acenaphthene  
Concen: 0.390 ng  
RT: 14.288 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

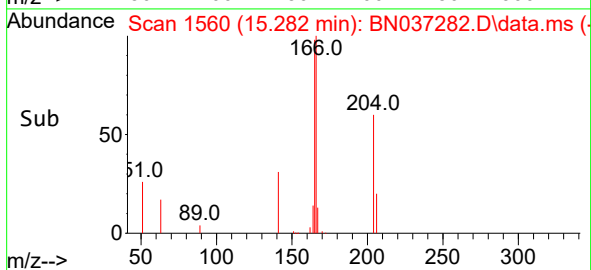
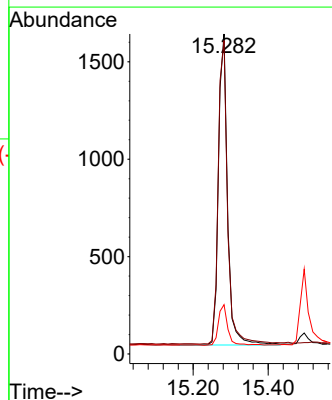
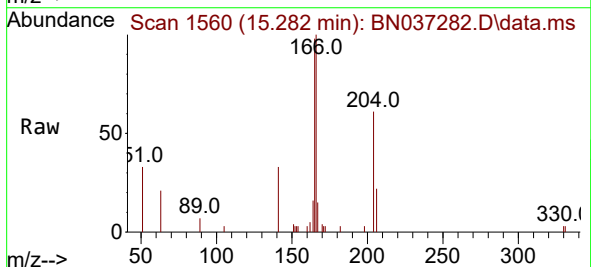
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

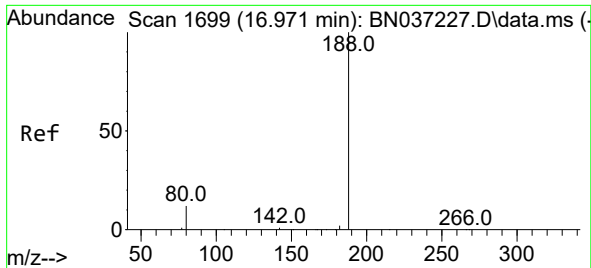
Tgt Ion:154 Resp: 2107  
Ion Ratio Lower Upper  
154 100  
153 116.8 94.6 141.8  
152 61.8 49.6 74.4



#18  
Fluorene  
Concen: 0.388 ng  
RT: 15.282 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

Tgt Ion:166 Resp: 2693  
Ion Ratio Lower Upper  
166 100  
165 99.3 79.8 119.6  
167 13.4 10.8 16.2

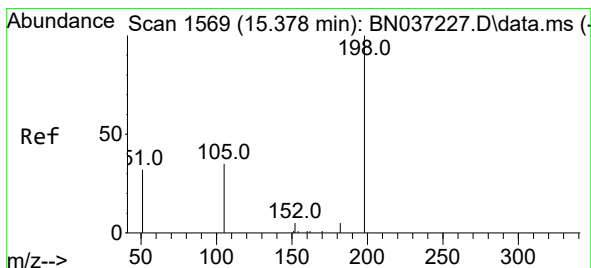
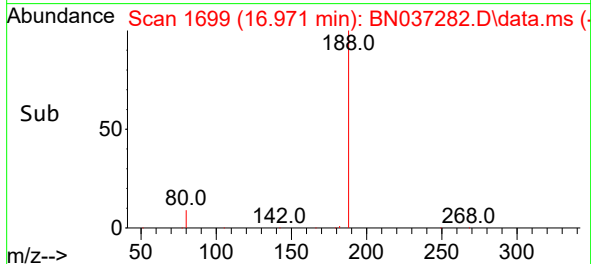
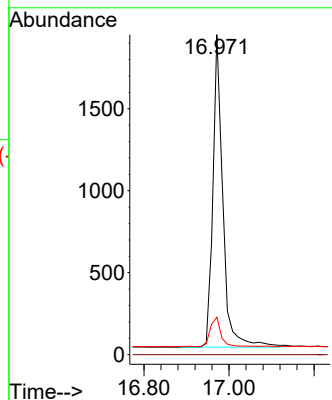
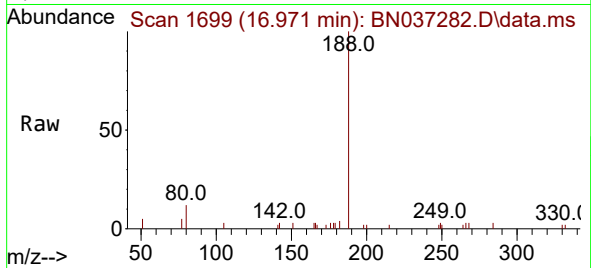




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.971 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

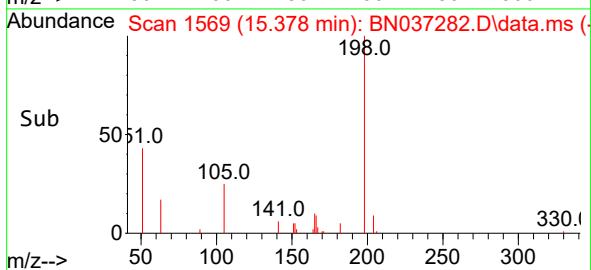
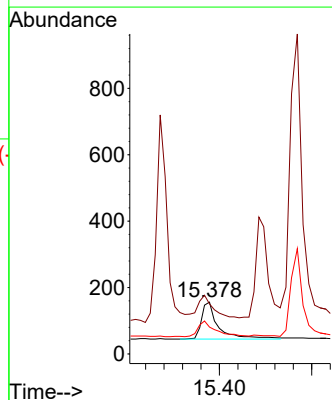
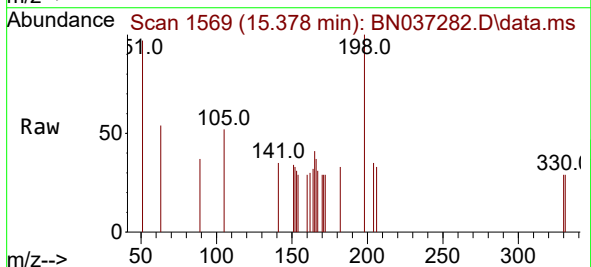
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

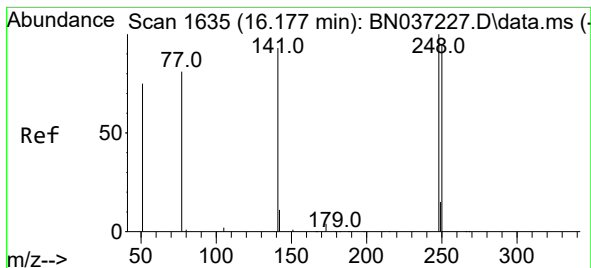
Tgt Ion:188 Resp: 3109  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.7 12.2 18.4#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.462 ng  
RT: 15.378 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

Tgt Ion:198 Resp: 282  
Ion Ratio Lower Upper  
198 100  
51 96.8 111.2 166.8#  
105 51.9 54.0 81.0#

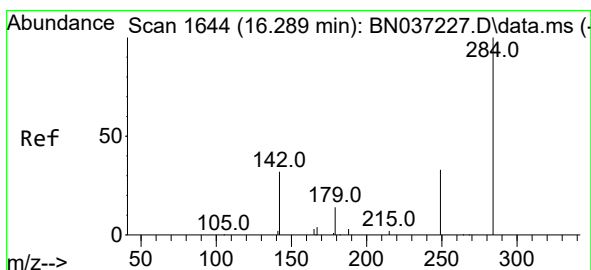
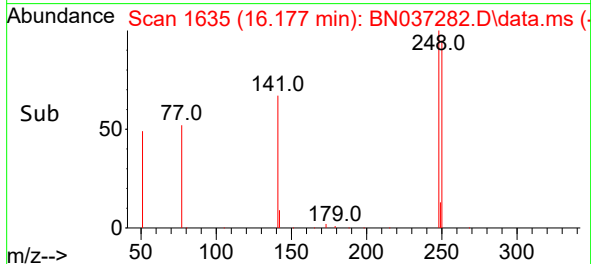
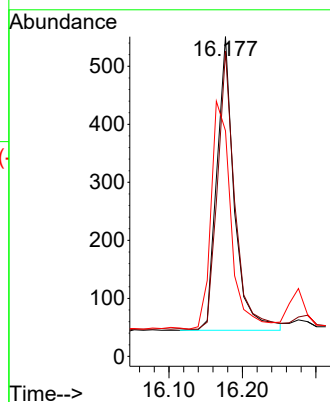
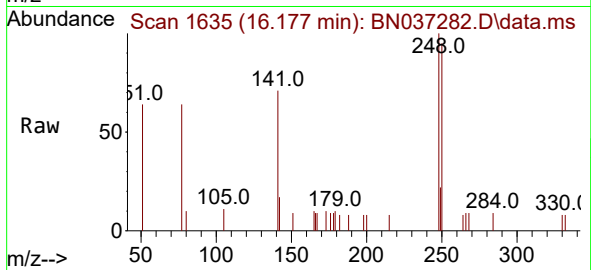




#21  
4-Bromophenyl-phenylether  
Concen: 0.412 ng  
RT: 16.177 min Scan# 1635  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

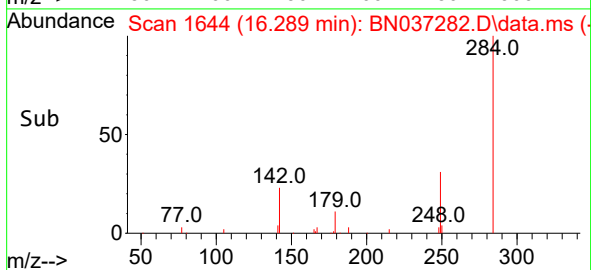
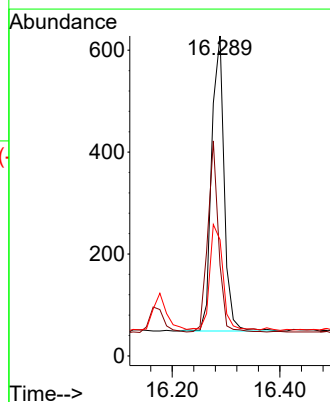
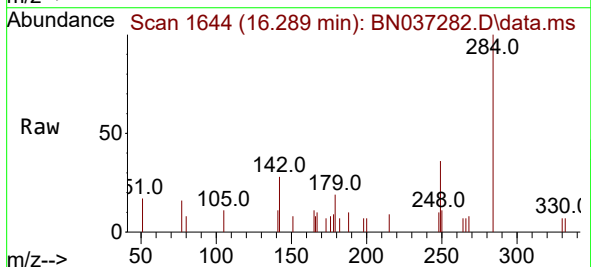
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

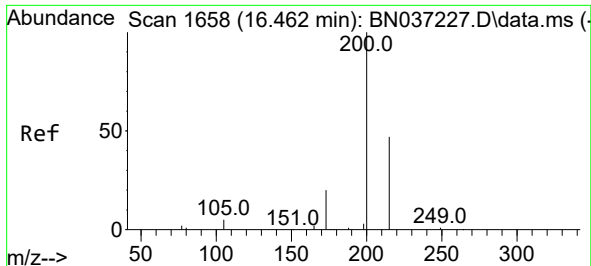
Tgt Ion:248 Resp: 834  
Ion Ratio Lower Upper  
248 100  
250 95.5 76.8 115.2  
141 70.6 75.6 113.4#



#22  
Hexachlorobenzene  
Concen: 0.396 ng  
RT: 16.289 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

Tgt Ion:284 Resp: 930  
Ion Ratio Lower Upper  
284 100  
142 56.7 43.8 65.6  
249 37.4 28.4 42.6

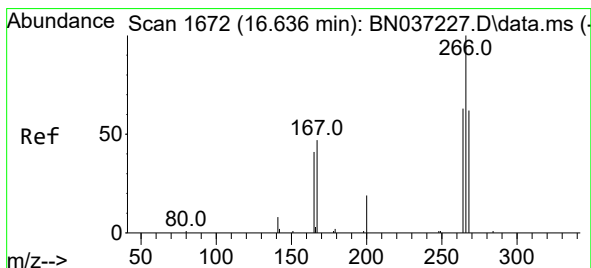
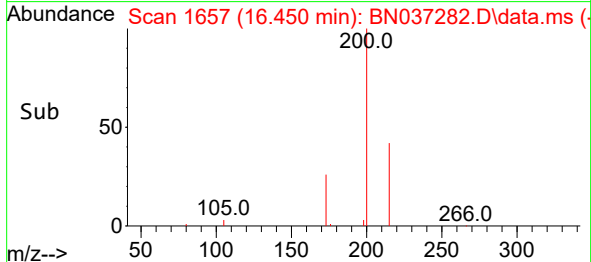
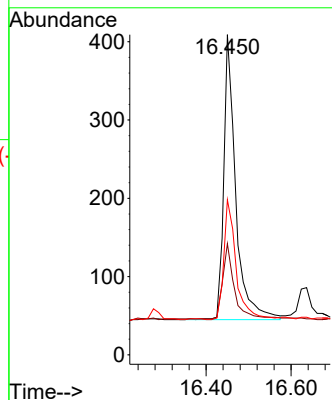
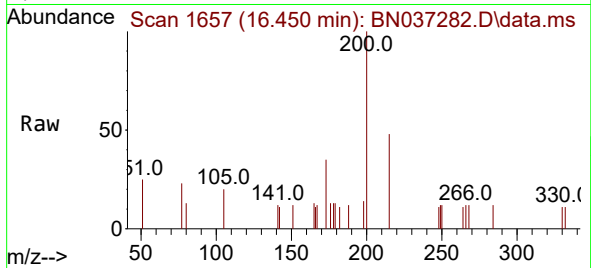




#23  
 Atrazine  
 Concen: 0.393 ng  
 RT: 16.450 min Scan# 1657  
 Delta R.T. -0.012 min  
 Lab File: BN037282.D  
 Acq: 15 Jun 2025 03:54

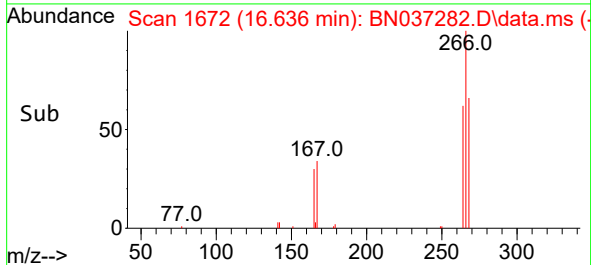
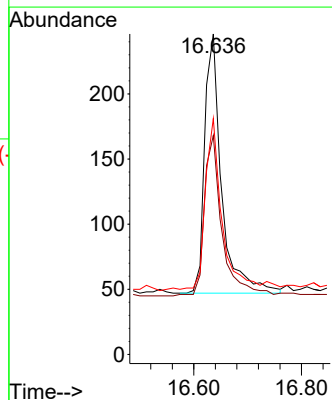
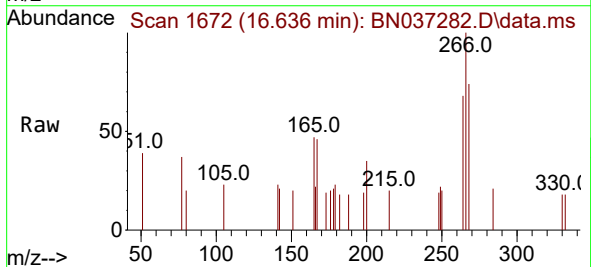
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

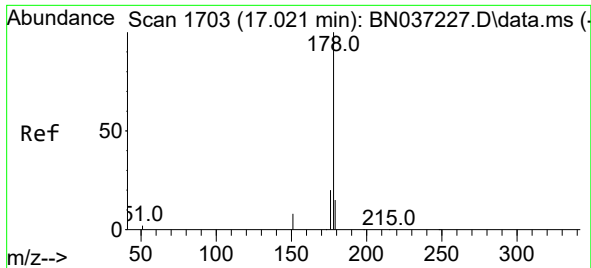
Tgt Ion:200 Resp: 711  
 Ion Ratio Lower Upper  
 200 100  
 173 34.7 25.1 37.7  
 215 48.4 43.7 65.5



#24  
 Pentachlorophenol  
 Concen: 0.378 ng  
 RT: 16.636 min Scan# 1672  
 Delta R.T. 0.000 min  
 Lab File: BN037282.D  
 Acq: 15 Jun 2025 03:54

Tgt Ion:266 Resp: 435  
 Ion Ratio Lower Upper  
 266 100  
 264 64.1 49.2 73.8  
 268 65.5 53.4 80.2

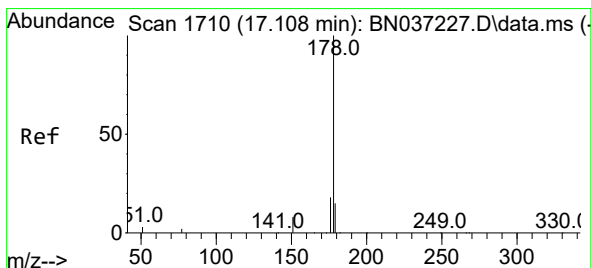
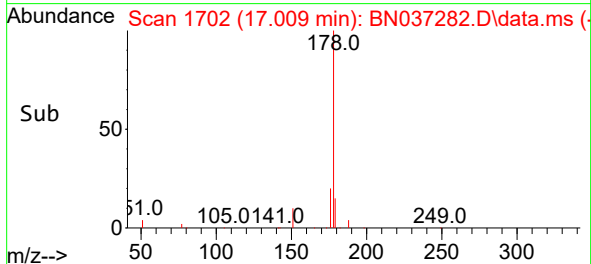
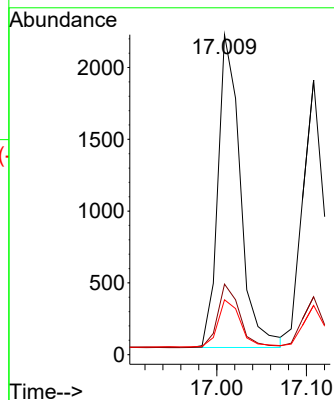
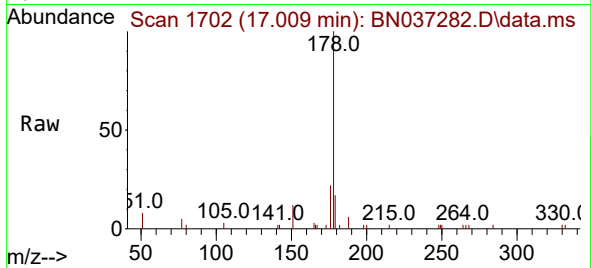




#25  
Phenanthrene  
Concen: 0.383 ng  
RT: 17.009 min Scan# 1702  
Delta R.T. -0.012 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

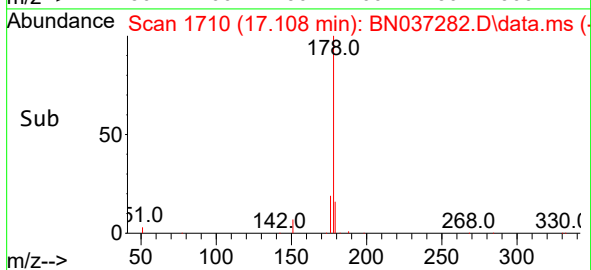
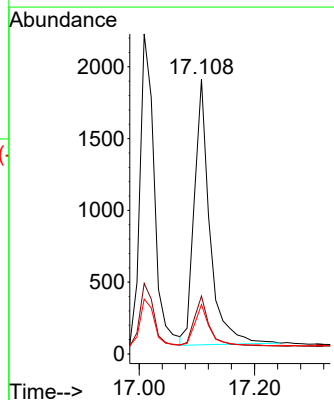
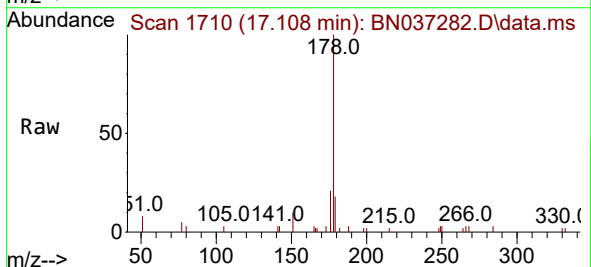
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:178 Resp: 3779  
Ion Ratio Lower Upper  
178 100  
176 20.0 16.3 24.5  
179 15.8 12.6 18.8



#26  
Anthracene  
Concen: 0.383 ng  
RT: 17.108 min Scan# 1710  
Delta R.T. 0.000 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

Tgt Ion:178 Resp: 3458  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.1 22.7  
179 15.0 12.4 18.6





#27

Fluoranthene-d10

Concen: 0.403 ng

RT: 19.012 min Scan# 1932

Delta R.T. -0.005 min

Lab File: BN037282.D

Acq: 15 Jun 2025 03:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

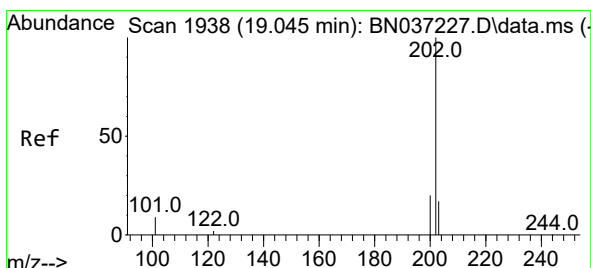
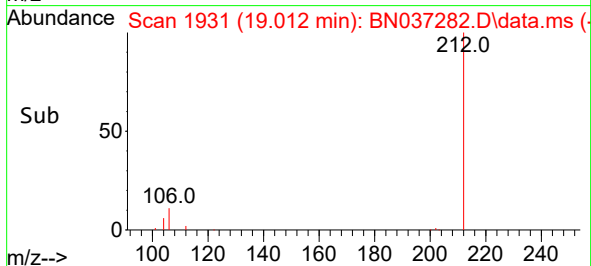
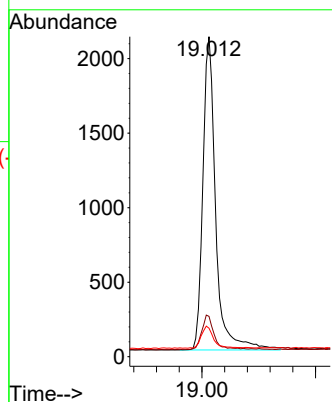
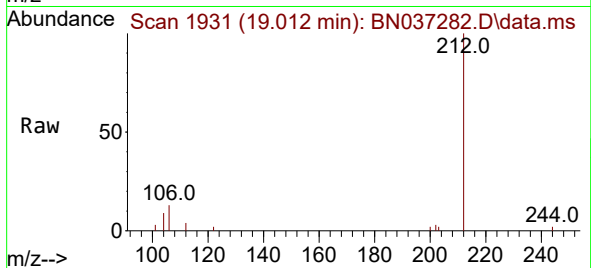
Tgt Ion:212 Resp: 3277

Ion Ratio Lower Upper

212 100

106 10.6 9.3 13.9

104 6.8 5.7 8.5



#28

Fluoranthene

Concen: 0.381 ng

RT: 19.040 min Scan# 1937

Delta R.T. -0.005 min

Lab File: BN037282.D

Acq: 15 Jun 2025 03:54

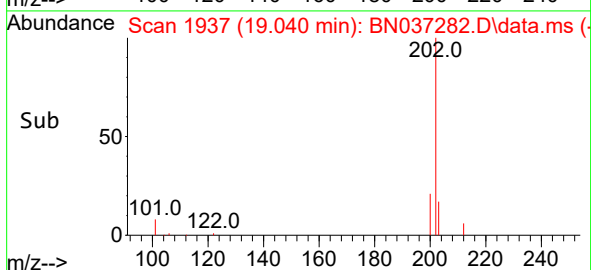
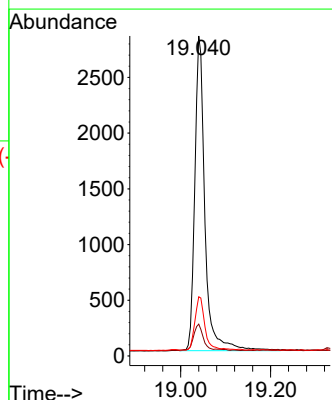
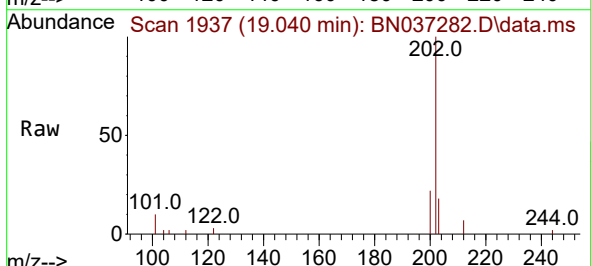
Tgt Ion:202 Resp: 4402

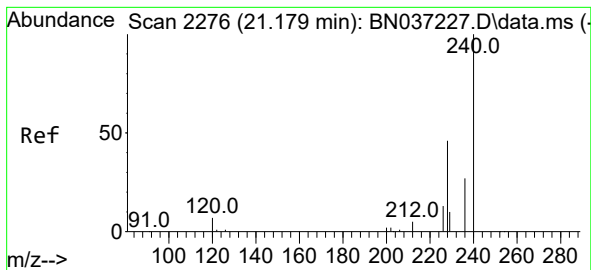
Ion Ratio Lower Upper

202 100

101 8.5 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: BN037282.D

Acq: 15 Jun 2025 03:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

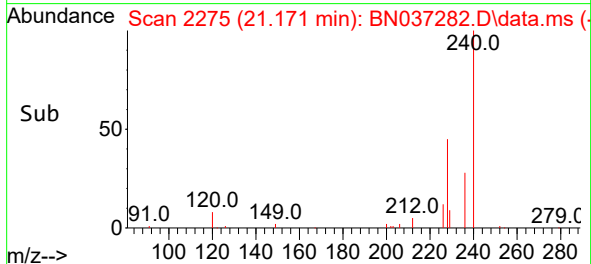
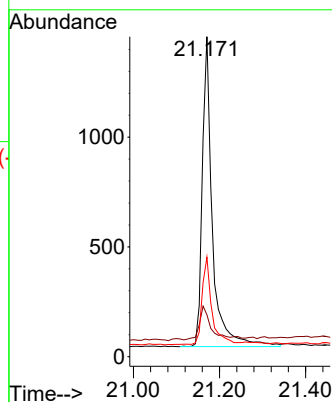
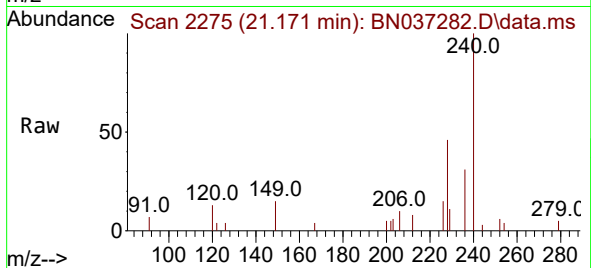
Tgt Ion:240 Resp: 2311

Ion Ratio Lower Upper

240 100

120 13.1 11.3 16.9

236 31.1 24.4 36.6



#30

Pyrene

Concen: 0.404 ng

RT: 19.407 min Scan# 2016

Delta R.T. -0.005 min

Lab File: BN037282.D

Acq: 15 Jun 2025 03:54

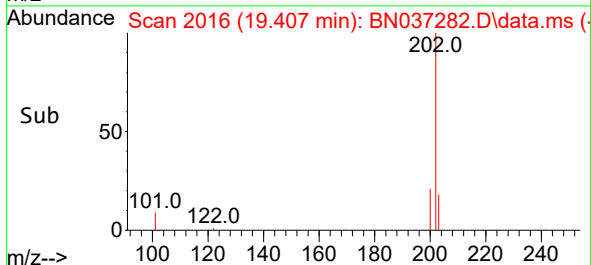
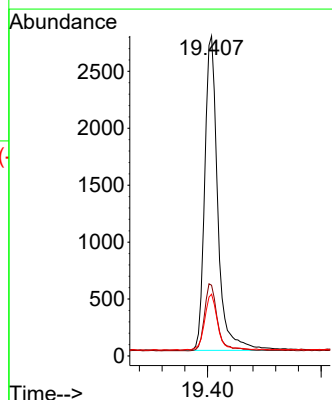
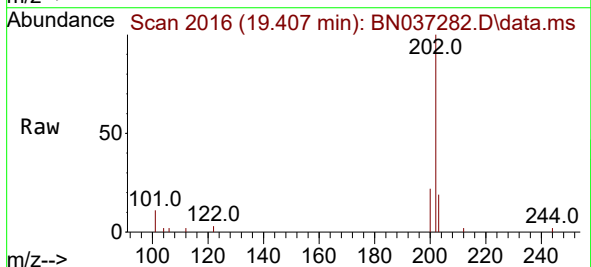
Tgt Ion:202 Resp: 4393

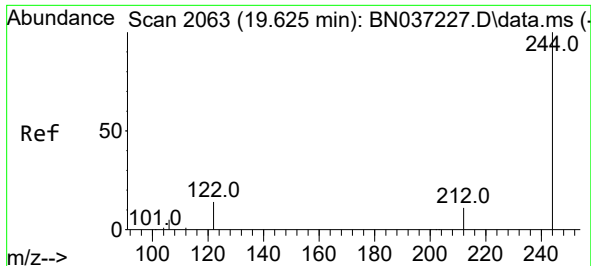
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

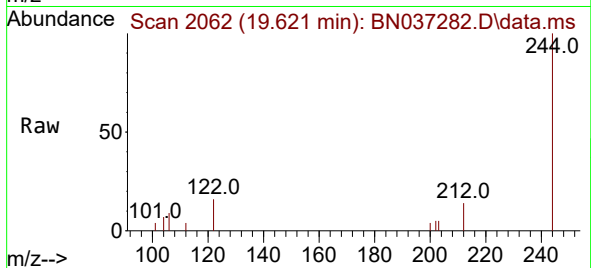
203 17.8 14.3 21.5



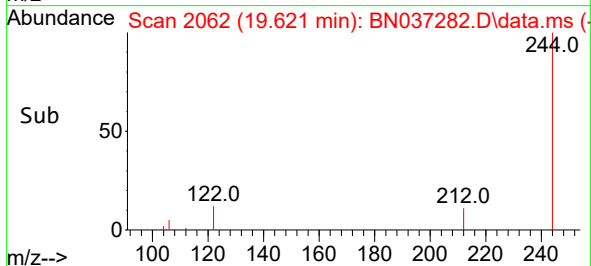
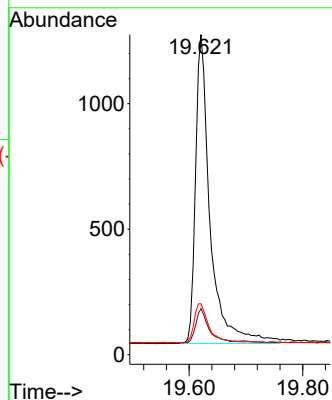


#31  
 Terphenyl-d14  
 Concen: 0.420 ng  
 RT: 19.621 min Scan# 2062  
 Delta R.T. -0.005 min  
 Lab File: BN037282.D  
 Acq: 15 Jun 2025 03:54

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

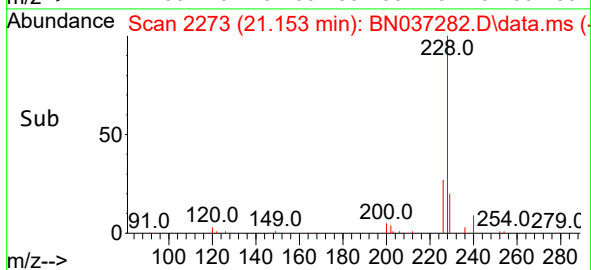
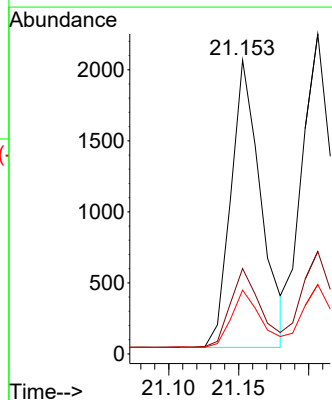
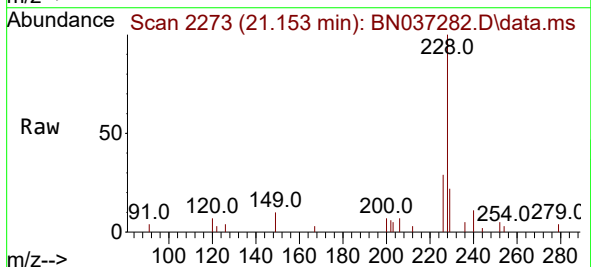


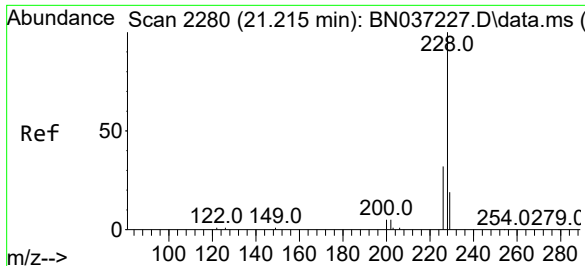
Tgt Ion:244 Resp: 2194  
 Ion Ratio Lower Upper  
 244 100  
 212 14.4 12.2 18.2  
 122 15.9 14.3 21.5



#32  
 Benzo(a)anthracene  
 Concen: 0.387 ng  
 RT: 21.153 min Scan# 2273  
 Delta R.T. -0.009 min  
 Lab File: BN037282.D  
 Acq: 15 Jun 2025 03:54

Tgt Ion:228 Resp: 3022  
 Ion Ratio Lower Upper  
 228 100  
 226 29.0 23.8 35.8  
 229 21.7 17.0 25.4





#33

Chrysene

Concen: 0.404 ng

RT: 21.206 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037282.D

Acq: 15 Jun 2025 03:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

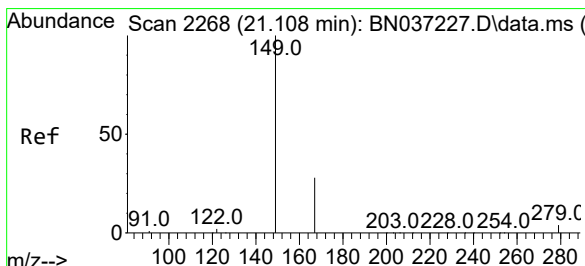
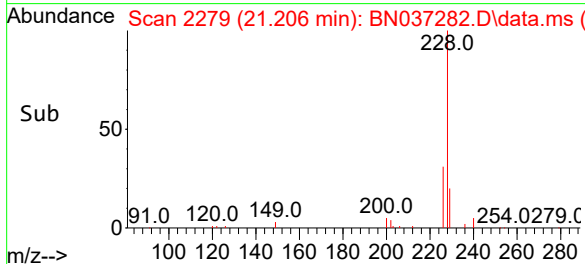
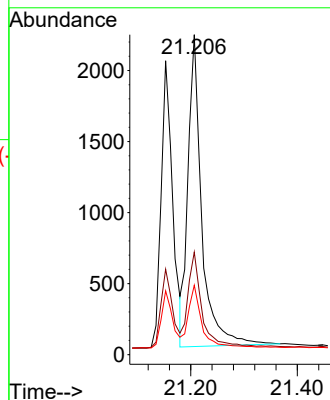
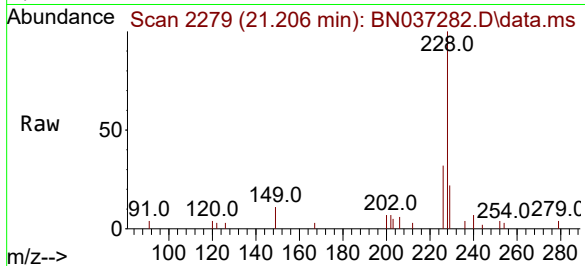
Tgt Ion:228 Resp: 3925

Ion Ratio Lower Upper

228 100

226 32.1 25.8 38.6

229 21.7 17.0 25.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.399 ng

RT: 21.099 min Scan# 2267

Delta R.T. -0.009 min

Lab File: BN037282.D

Acq: 15 Jun 2025 03:54

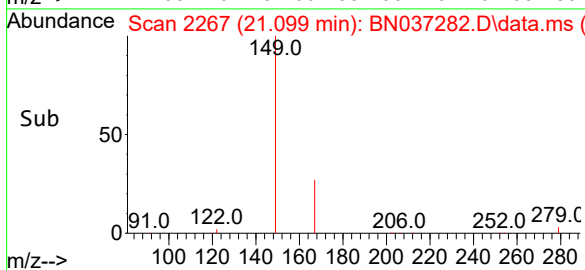
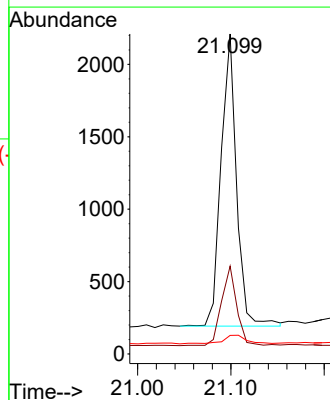
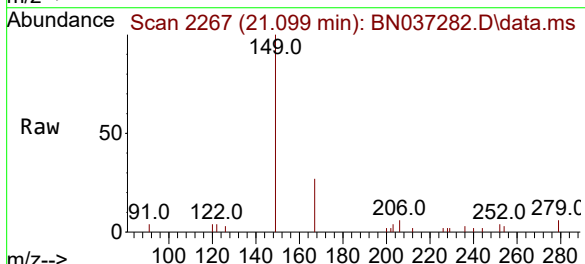
Tgt Ion:149 Resp: 2319

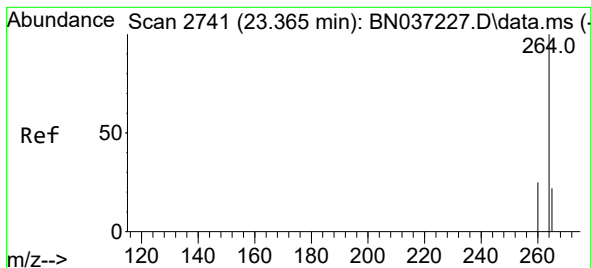
Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

279 4.6 3.3 4.9





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.351 min Scan# 21

Delta R.T. -0.014 min

Lab File: BN037282.D

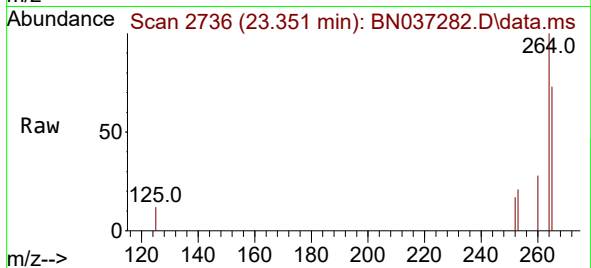
Acq: 15 Jun 2025 03:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



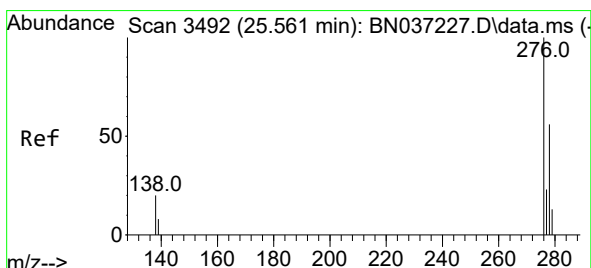
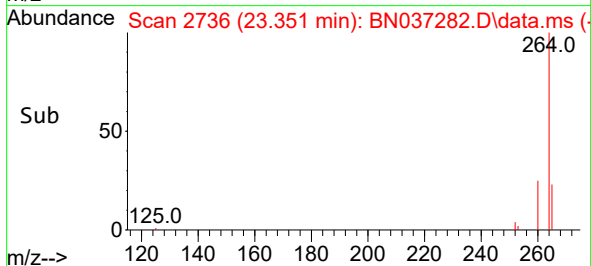
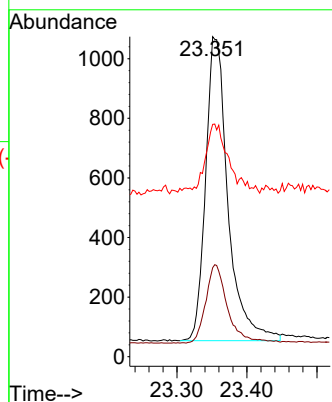
Tgt Ion:264 Resp: 2261

Ion Ratio Lower Upper

264 100

260 27.8 22.8 34.2

265 72.6 66.4 99.6



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.381 ng

RT: 25.541 min Scan# 3485

Delta R.T. -0.020 min

Lab File: BN037282.D

Acq: 15 Jun 2025 03:54

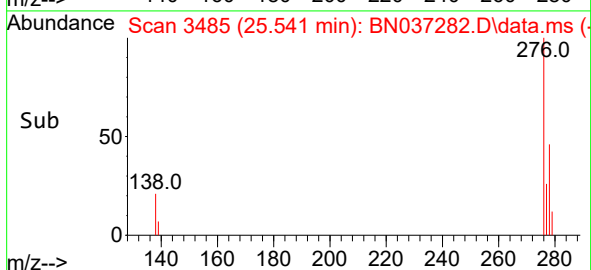
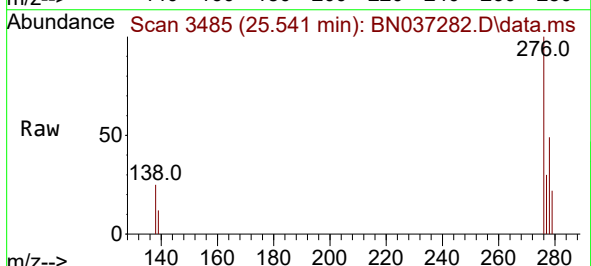
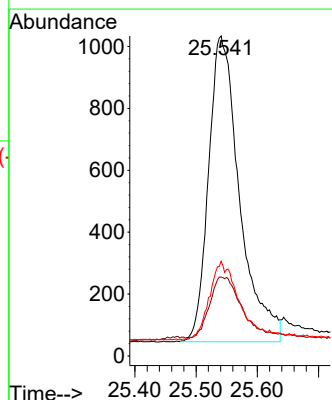
Tgt Ion:276 Resp: 3478

Ion Ratio Lower Upper

276 100

138 20.3 16.8 25.2

277 24.4 19.5 29.3





#37

Benzo(b)fluoranthene

Concen: 0.401 ng

RT: 22.702 min Scan# 2514

Delta R.T. -0.012 min

Lab File: BN037282.D

Acq: 15 Jun 2025 03:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

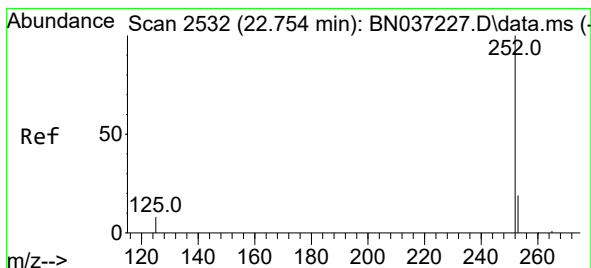
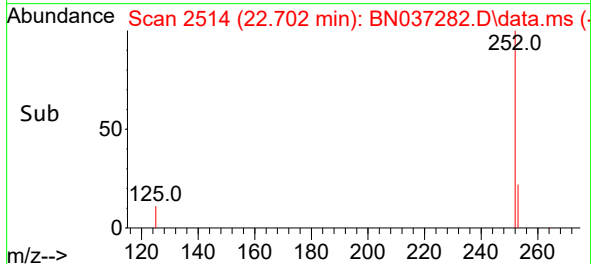
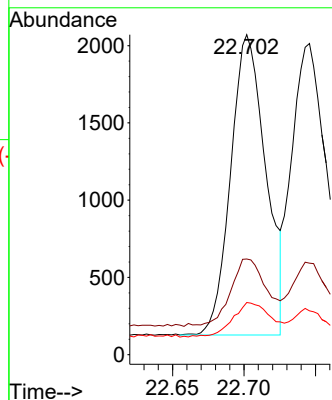
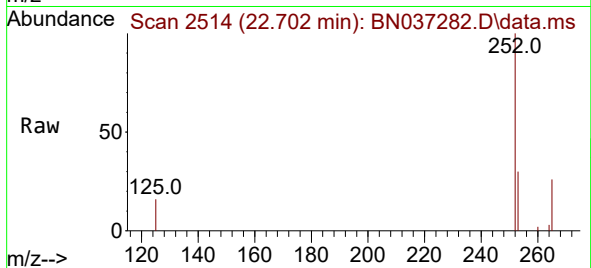
Tgt Ion:252 Resp: 3315

Ion Ratio Lower Upper

252 100

253 29.9 24.9 37.3

125 16.3 12.9 19.3



#38

Benzo(k)fluoranthene

Concen: 0.374 ng

RT: 22.746 min Scan# 2529

Delta R.T. -0.009 min

Lab File: BN037282.D

Acq: 15 Jun 2025 03:54

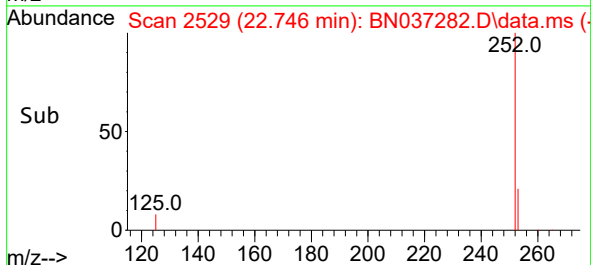
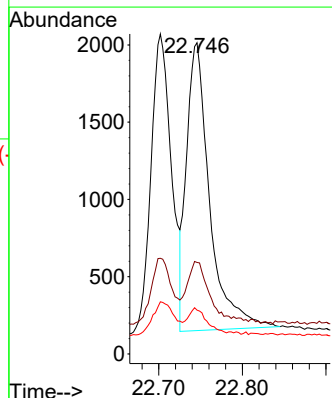
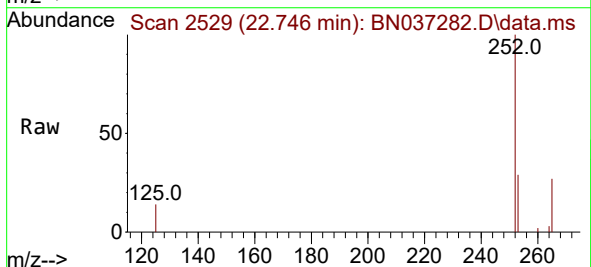
Tgt Ion:252 Resp: 3572

Ion Ratio Lower Upper

252 100

253 29.4 24.6 37.0

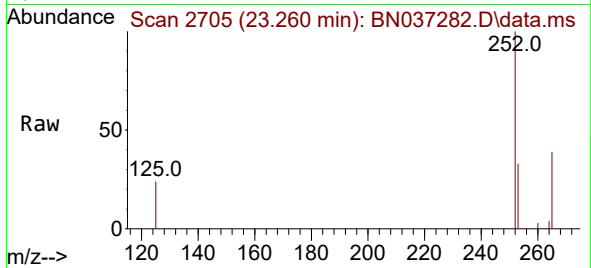
125 14.1 13.4 20.2



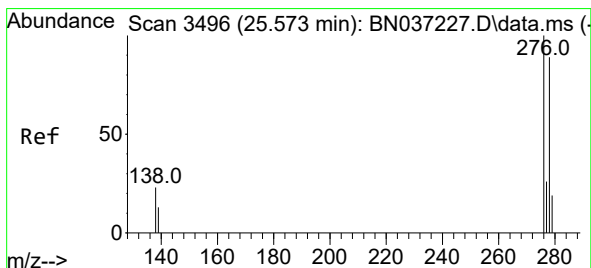
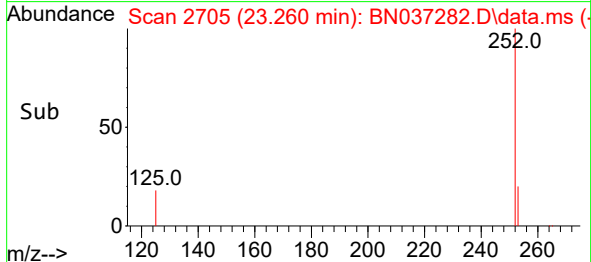
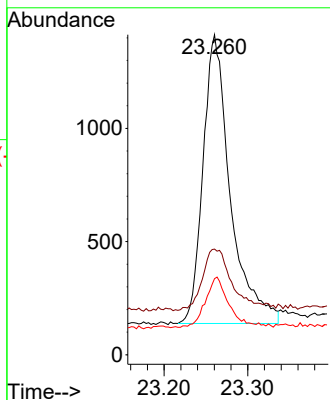


#39  
Benzo(a)pyrene  
Concen: 0.389 ng  
RT: 23.260 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

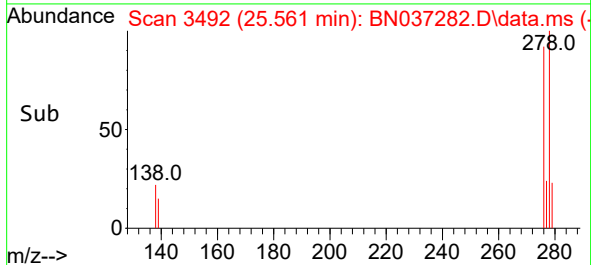
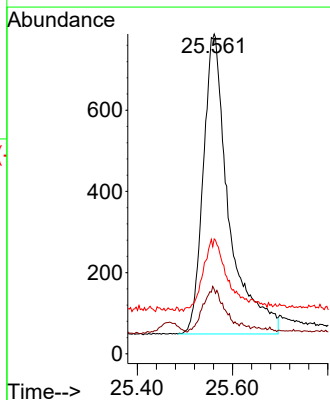
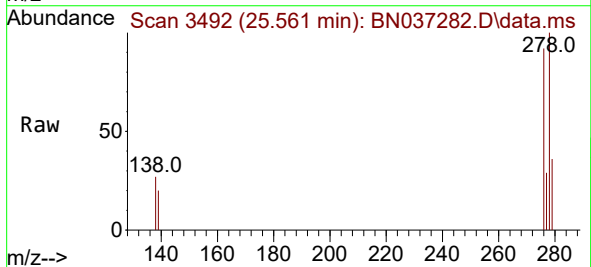


Tgt Ion:252 Resp: 2896  
Ion Ratio Lower Upper  
252 100  
253 33.0 29.4 44.2  
125 23.8 16.2 24.2



#40  
Dibenzo(a,h)anthracene  
Concen: 0.397 ng  
RT: 25.561 min Scan# 3492  
Delta R.T. -0.012 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

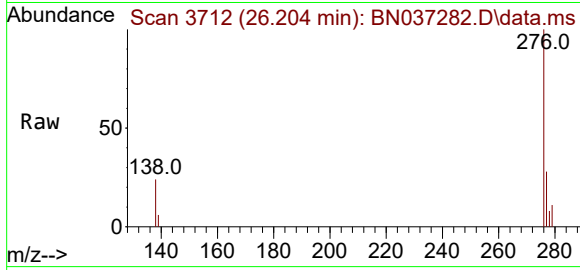
Tgt Ion:278 Resp: 2756  
Ion Ratio Lower Upper  
278 100  
139 20.2 17.8 26.6  
279 35.9 31.3 46.9





#41  
Benzo(g,h,i)perylene  
Concen: 0.389 ng  
RT: 26.204 min Scan# 31  
Delta R.T. -0.017 min  
Lab File: BN037282.D  
Acq: 15 Jun 2025 03:54

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:276 Resp: 3285  
Ion Ratio Lower Upper  
276 100  
277 28.4 22.0 33.0  
138 23.8 18.4 27.6

