

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071125\  
 Data File : BN037481.D  
 Acq On : 11 Jul 2025 19:43  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Jul 11 22:42:51 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 11 15:38:34 2025  
 Response via : Initial Calibration

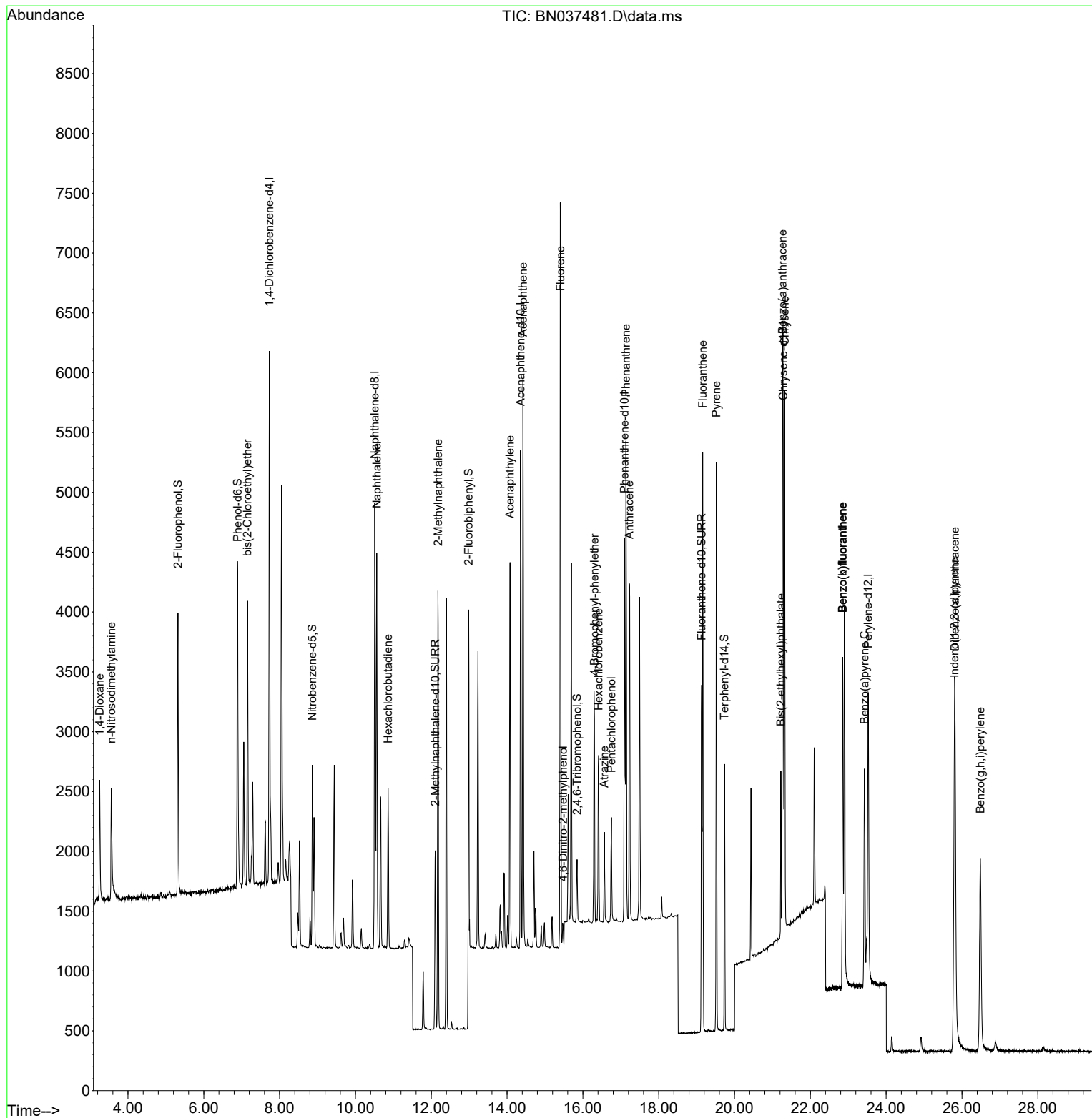
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.732  | 152  | 2080     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.509 | 136  | 4810     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.355 | 164  | 2230     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.099 | 188  | 4045     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.286 | 240  | 3148     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.528 | 264  | 3275     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.319  | 112  | 1903     | 0.393 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.894  | 99   | 2379     | 0.391 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.865  | 82   | 1147     | 0.329 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.106 | 152  | 2015     | 0.308 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.845 | 330  | 296      | 0.391 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.988 | 172  | 4458     | 0.350 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.132 | 212  | 3064     | 0.300 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.736 | 244  | 2090     | 0.318 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.254  | 88   | 659      | 0.337 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.557  | 42   | 859      | 0.329 | ng    | 100      |
| 6) bis(2-Chloroethyl)ether    | 7.154  | 93   | 1661     | 0.326 | ng    | 100      |
| 9) Naphthalene                | 10.562 | 128  | 4185     | 0.324 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.861 | 225  | 1067     | 0.344 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.177 | 142  | 2536     | 0.313 | ng    | 98       |
| 16) Acenaphthylene            | 14.078 | 152  | 3291     | 0.324 | ng    | 99       |
| 17) Acenaphthene              | 14.420 | 154  | 2223     | 0.326 | ng    | 99       |
| 18) Fluorene                  | 15.403 | 166  | 2753     | 0.321 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.478 | 198  | 141      | 0.310 | ng    | 96       |
| 21) 4-Bromophenyl-phenylether | 16.304 | 248  | 797      | 0.316 | ng    | 92       |
| 22) Hexachlorobenzene         | 16.416 | 284  | 1153     | 0.331 | ng    | 97       |
| 23) Atrazine                  | 16.565 | 200  | 562      | 0.448 | ng    | 93       |
| 24) Pentachlorophenol         | 16.751 | 266  | 422      | 0.352 | ng    | 95       |
| 25) Phenanthrene              | 17.136 | 178  | 3968     | 0.322 | ng    | 99       |
| 26) Anthracene                | 17.223 | 178  | 3404     | 0.306 | ng    | 100      |
| 28) Fluoranthene              | 19.160 | 202  | 4165     | 0.308 | ng    | 99       |
| 30) Pyrene                    | 19.522 | 202  | 4077     | 0.322 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.268 | 228  | 3329     | 0.312 | ng    | 99       |
| 33) Chrysene                  | 21.322 | 228  | 3716     | 0.319 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.223 | 149  | 1217     | 0.336 | ng    | 95       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.800 | 276  | 3929     | 0.309 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.853 | 252  | 3502     | 0.275 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 22.853 | 252  | 3502     | 0.271 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.429 | 252  | 2804     | 0.274 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 25.814 | 278  | 3294     | 0.321 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.484 | 276  | 3300     | 0.294 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

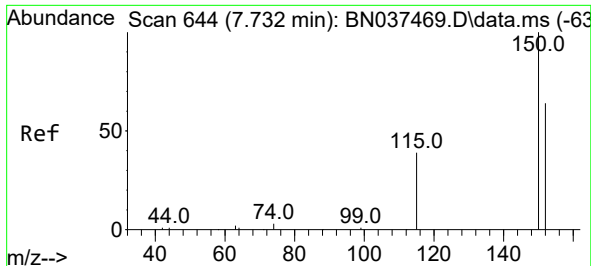
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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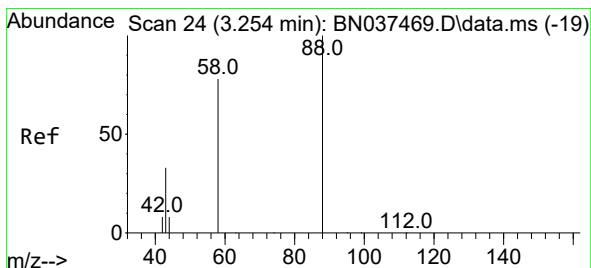
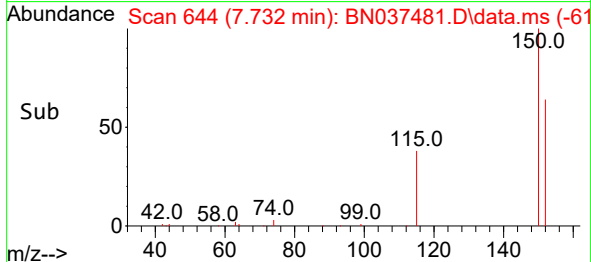
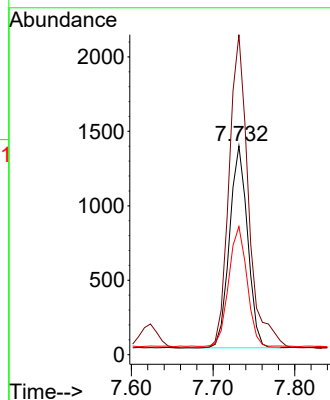
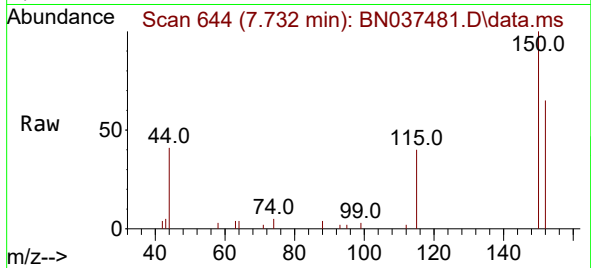




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.732 min Scan# 64  
 Delta R.T. -0.000 min  
 Lab File: BN037481.D  
 Acq: 11 Jul 2025 19:43

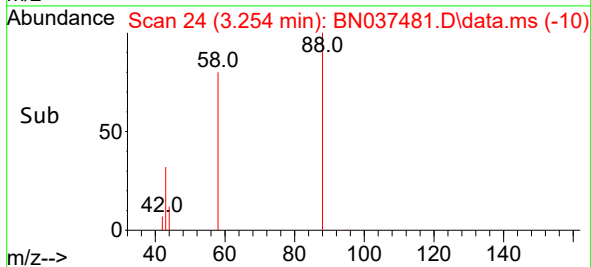
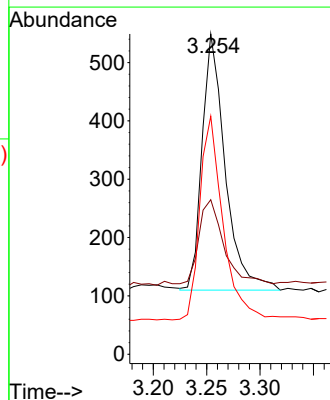
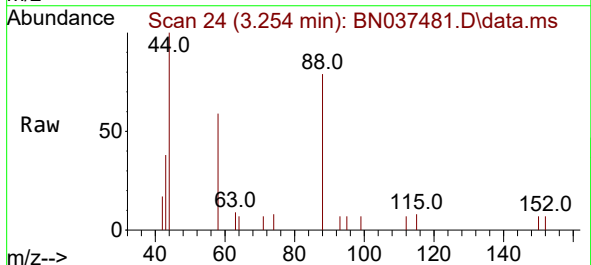
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

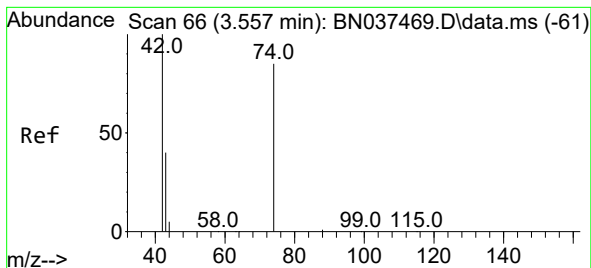
Tgt Ion:152 Resp: 2080  
 Ion Ratio Lower Upper  
 152 100  
 150 153.3 122.5 183.7  
 115 61.4 49.9 74.9



#2  
 1,4-Dioxane  
 Concen: 0.337 ng  
 RT: 3.254 min Scan# 24  
 Delta R.T. -0.000 min  
 Lab File: BN037481.D  
 Acq: 11 Jul 2025 19:43

Tgt Ion: 88 Resp: 659  
 Ion Ratio Lower Upper  
 88 100  
 43 35.5 30.7 46.1  
 58 80.3 65.0 97.4





#3

n-Nitrosodimethylamine

Concen: 0.329 ng

RT: 3.557 min Scan# 61

Delta R.T. -0.000 min

Lab File: BN037481.D

Acq: 11 Jul 2025 19:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

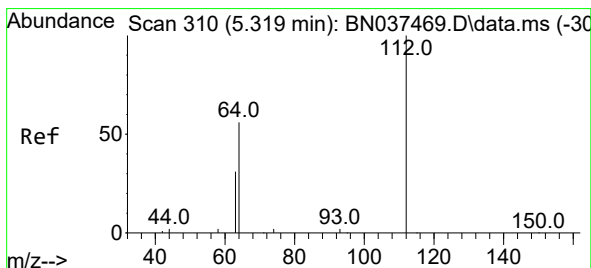
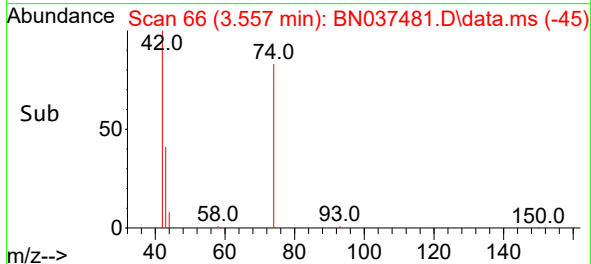
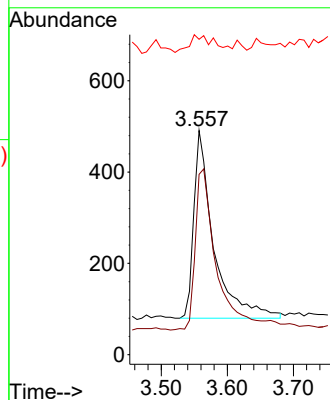
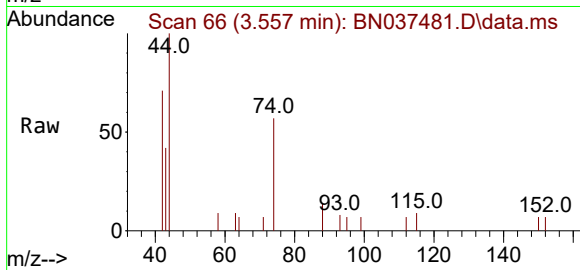
Tgt Ion: 42 Resp: 859

Ion Ratio Lower Upper

42 100

74 93.6 74.9 112.3

44 10.6 7.2 10.8



#4

2-Fluorophenol

Concen: 0.393 ng

RT: 5.319 min Scan# 310

Delta R.T. -0.000 min

Lab File: BN037481.D

Acq: 11 Jul 2025 19:43

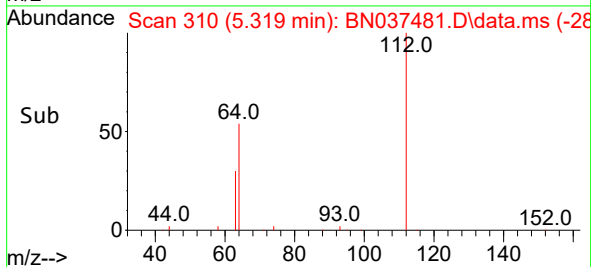
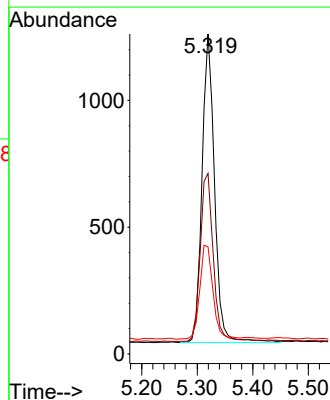
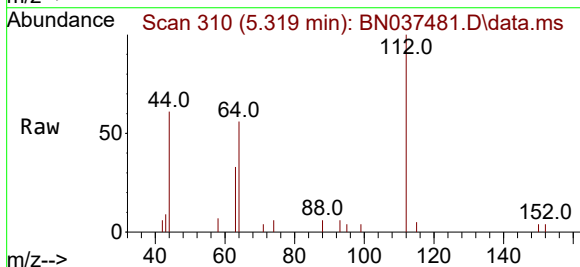
Tgt Ion: 112 Resp: 1903

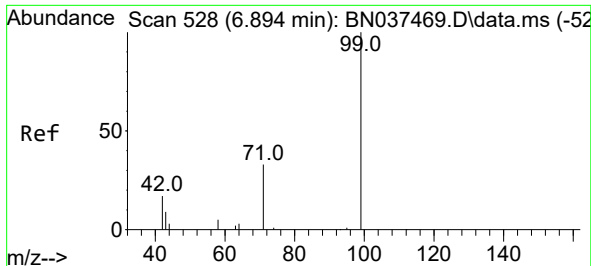
Ion Ratio Lower Upper

112 100

64 57.2 45.4 68.0

63 31.8 24.7 37.1

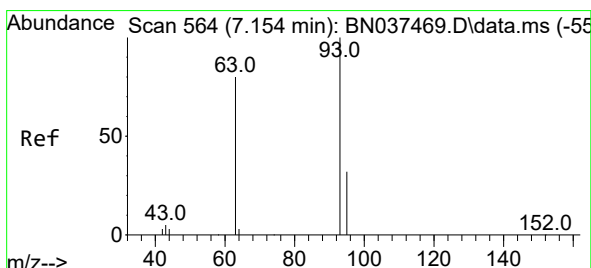
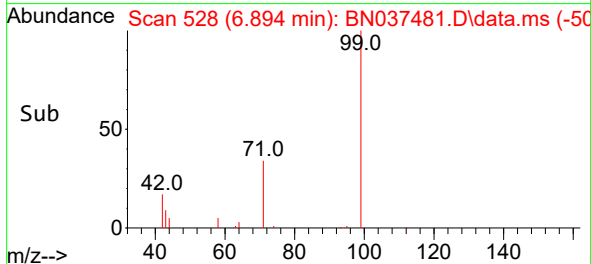
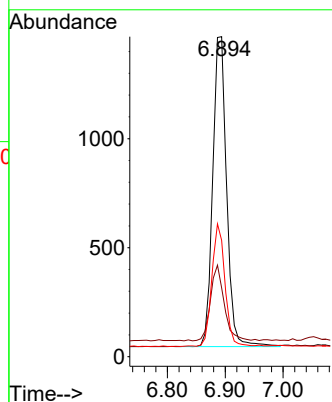
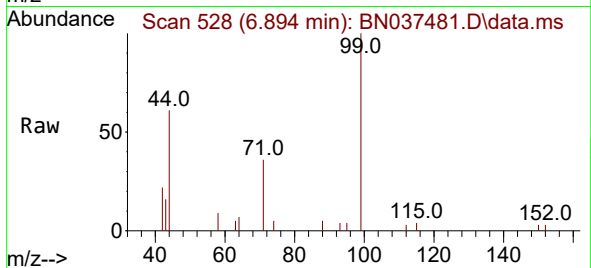




#5  
Phenol-d6  
Concen: 0.391 ng  
RT: 6.894 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

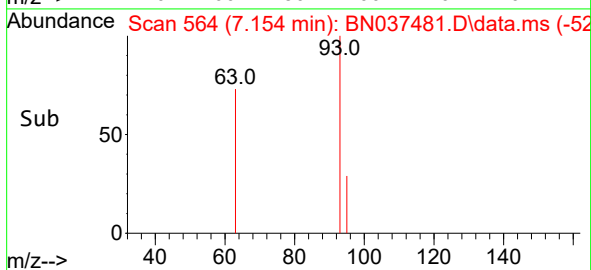
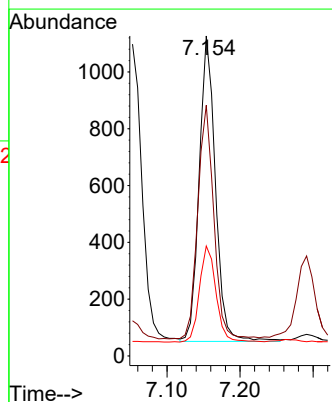
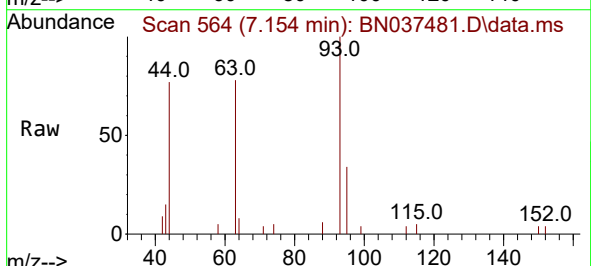
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

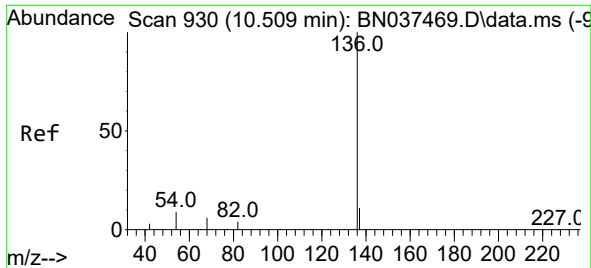
Tgt Ion: 99 Resp: 2379  
Ion Ratio Lower Upper  
99 100  
42 24.2 19.5 29.3  
71 37.5 29.4 44.2



#6  
bis(2-Chloroethyl)ether  
Concen: 0.326 ng  
RT: 7.154 min Scan# 564  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

Tgt Ion: 93 Resp: 1661  
Ion Ratio Lower Upper  
93 100  
63 75.4 60.8 91.2  
95 32.0 25.6 38.4

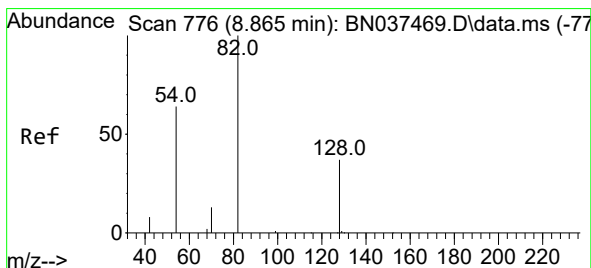
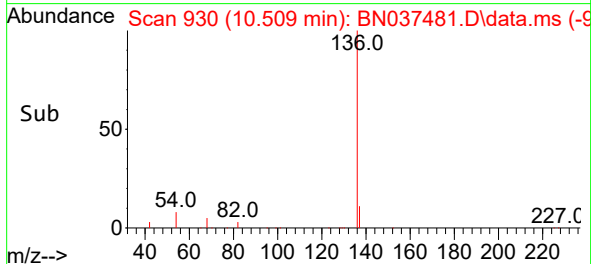
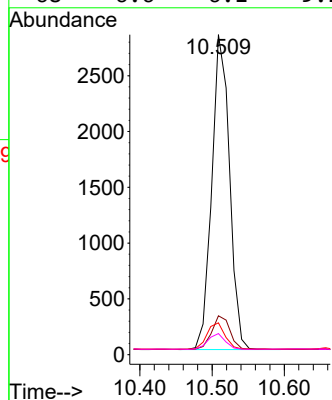
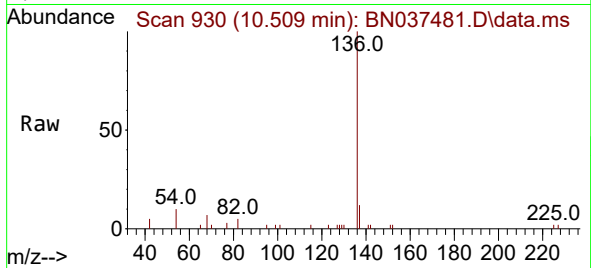




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.509 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

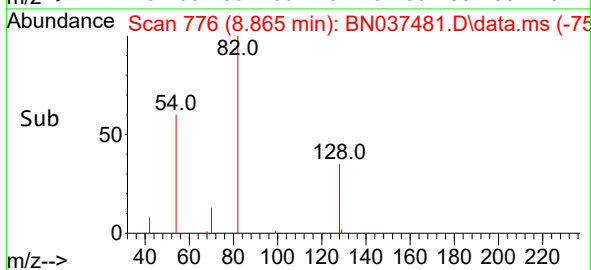
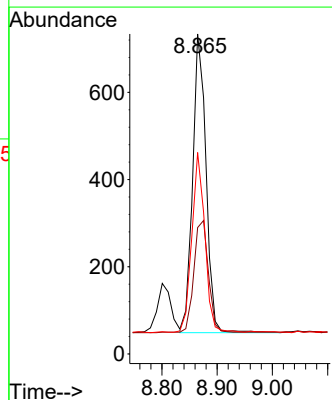
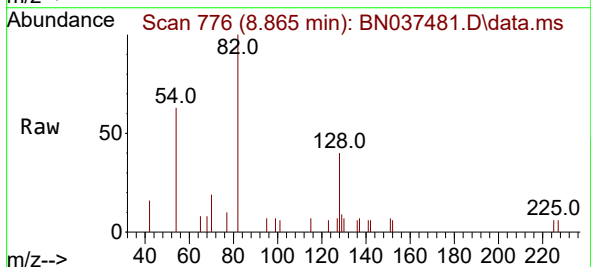
Instrument :  
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ClientSampleId :  
SSTDCCC0.4EC

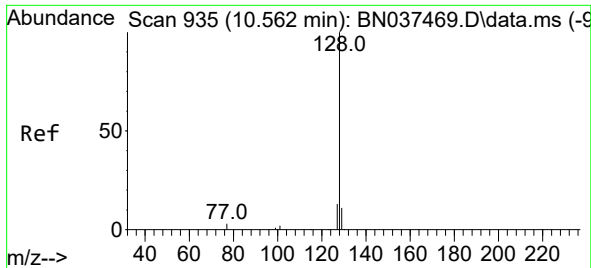
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4810  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.1  | 10.0  | 15.0  |
| 54       | 10.0  | 9.0   | 13.6  |
| 68       | 6.6   | 6.1   | 9.1   |



#8  
Nitrobenzene-d5  
Concen: 0.329 ng  
RT: 8.865 min Scan# 776  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1147  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 39.5  | 33.1  | 49.7  |
| 54       | 62.9  | 53.0  | 79.4  |

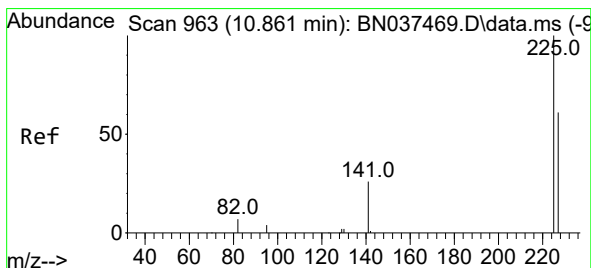
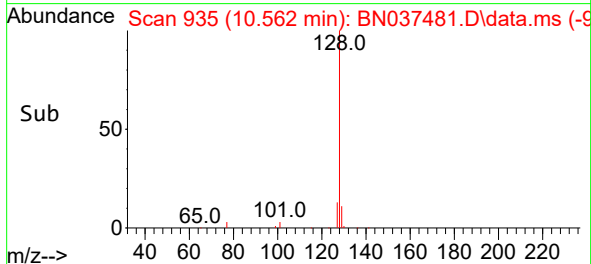
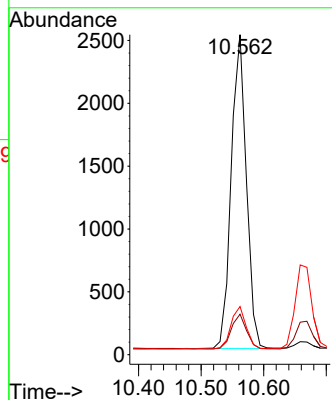
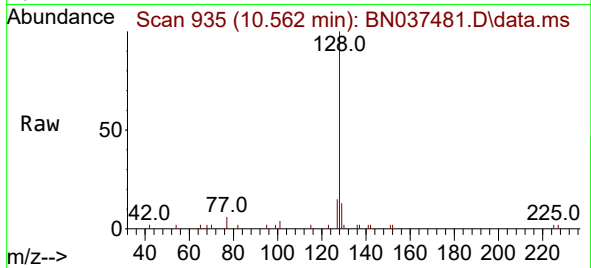




#9  
Naphthalene  
Concen: 0.324 ng  
RT: 10.562 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

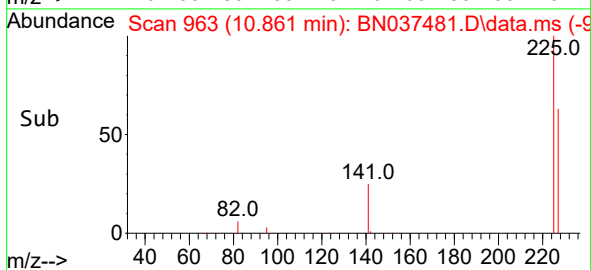
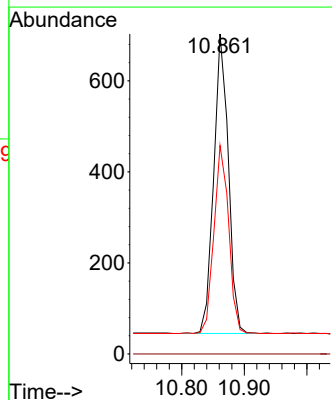
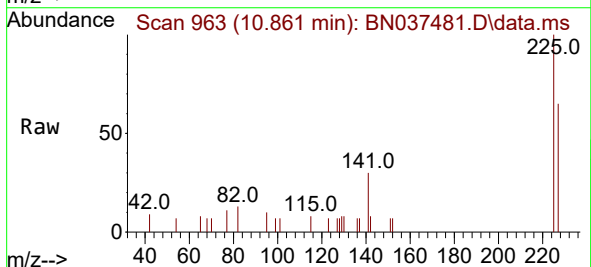
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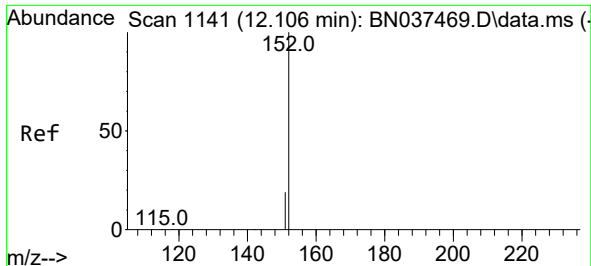
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|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 4185 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 12.6  | 10.2  | 15.2 |
| 127       | 15.0  | 11.8  | 17.6 |



#10  
Hexachlorobutadiene  
Concen: 0.344 ng  
RT: 10.861 min Scan# 963  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 1067 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 63.3  | 51.4  | 77.2 |

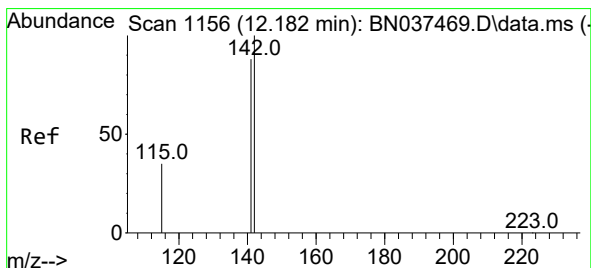
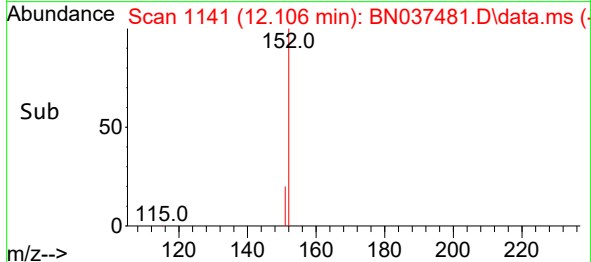
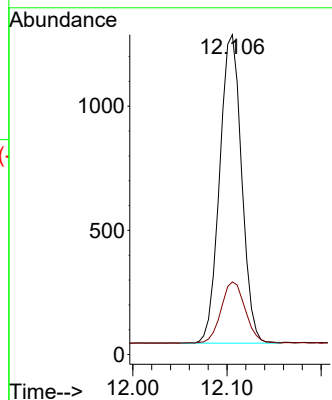
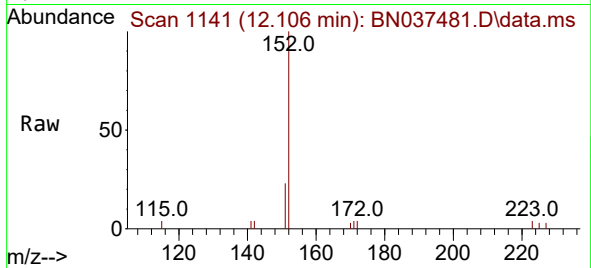




#11  
2-Methylnaphthalene-d10  
Concen: 0.308 ng  
RT: 12.106 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

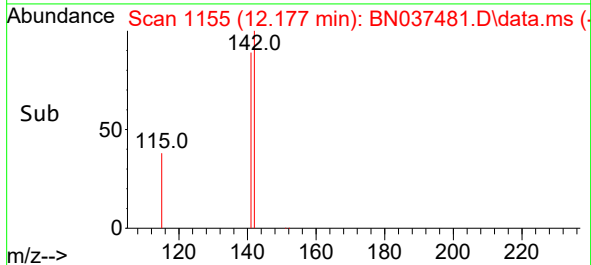
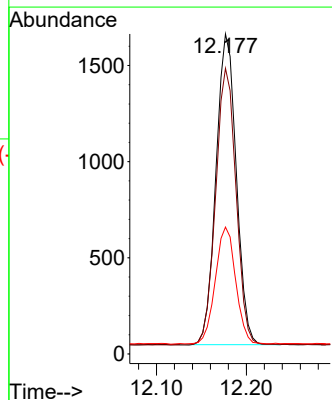
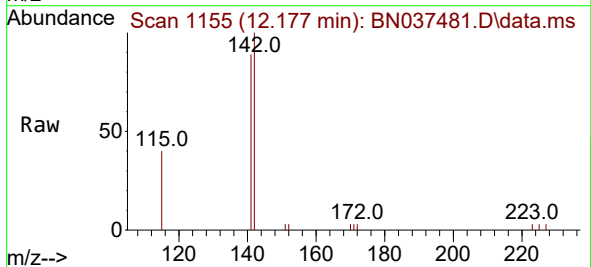
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

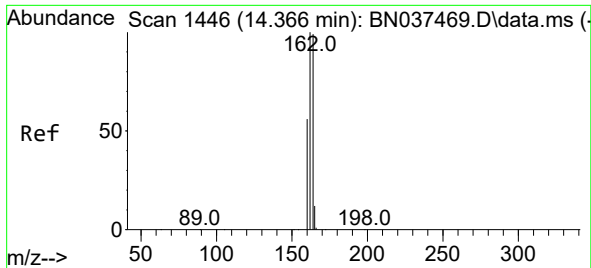
Tgt Ion:152 Resp: 2015  
Ion Ratio Lower Upper  
152 100  
151 21.5 17.0 25.6



#12  
2-Methylnaphthalene  
Concen: 0.313 ng  
RT: 12.177 min Scan# 1155  
Delta R.T. -0.005 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

Tgt Ion:142 Resp: 2536  
Ion Ratio Lower Upper  
142 100  
141 89.2 70.6 105.8  
115 39.7 30.0 45.0

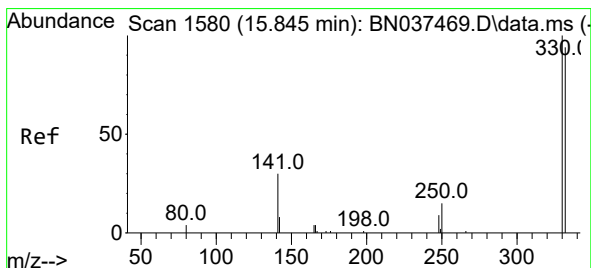
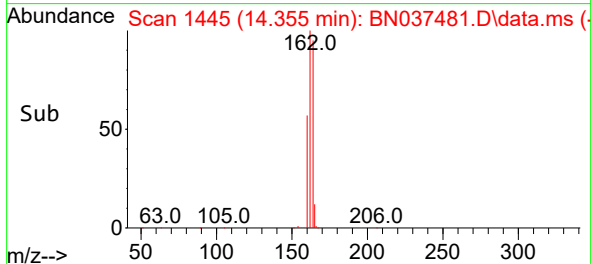
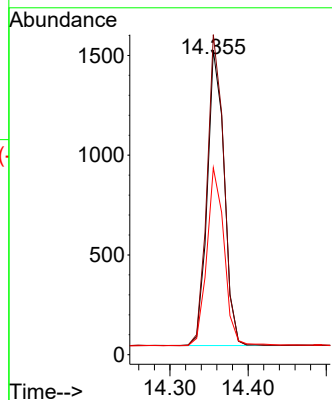
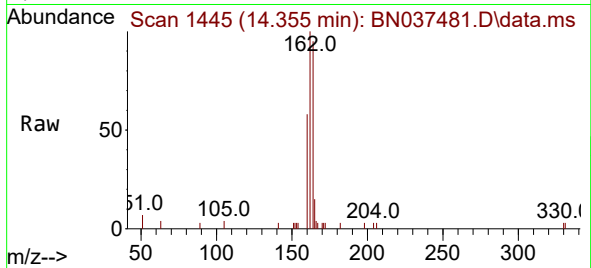




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.355 min Scan# 1445  
Delta R.T. -0.011 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

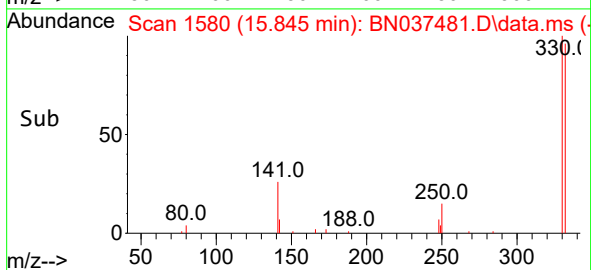
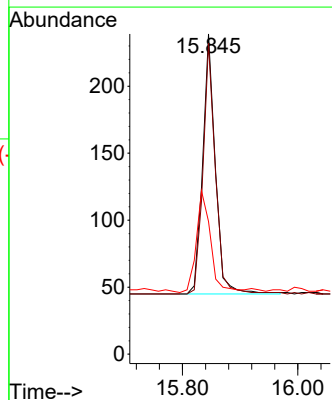
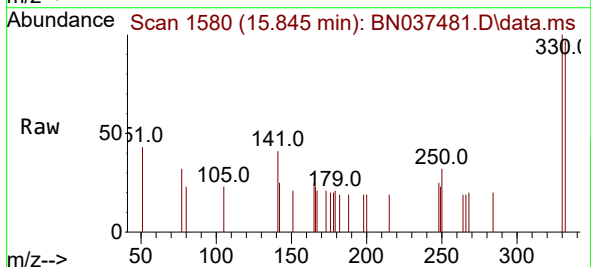
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

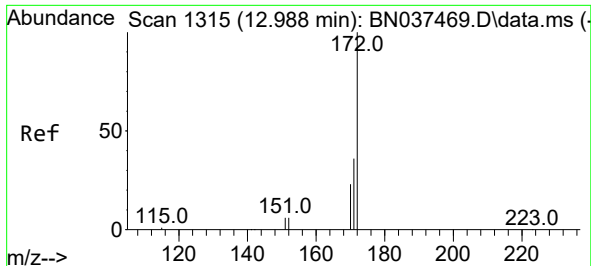
Tgt Ion:164 Resp: 2230  
Ion Ratio Lower Upper  
164 100  
162 105.0 81.1 121.7  
160 61.4 46.5 69.7



#14  
2,4,6-Tribromophenol  
Concen: 0.391 ng  
RT: 15.845 min Scan# 1580  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

Tgt Ion:330 Resp: 296  
Ion Ratio Lower Upper  
330 100  
332 94.3 82.0 123.0  
141 44.3 36.2 54.2

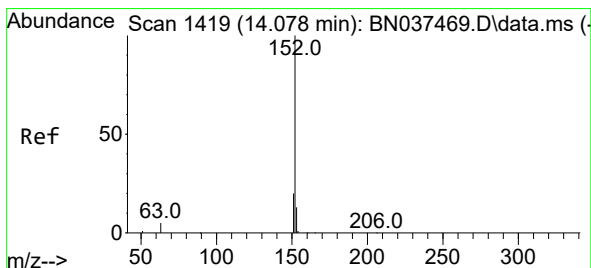
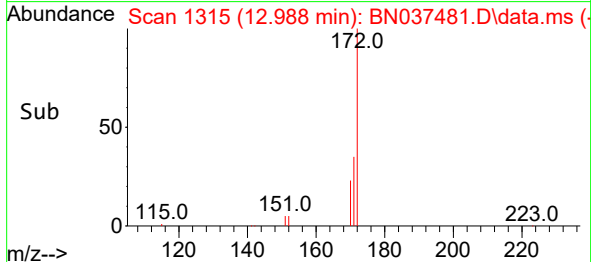
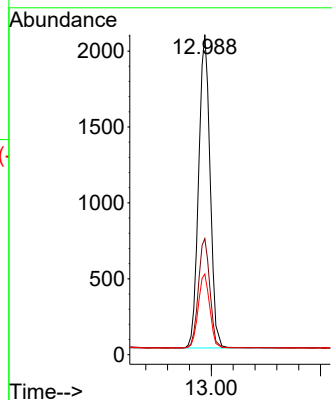
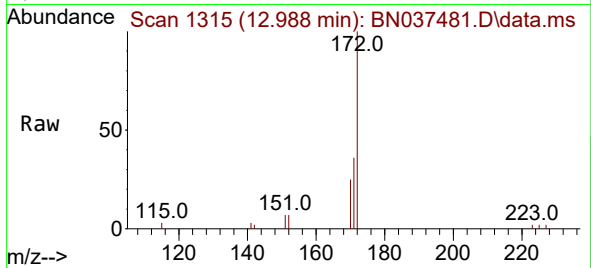




#15  
2-Fluorobiphenyl  
Concen: 0.350 ng  
RT: 12.988 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

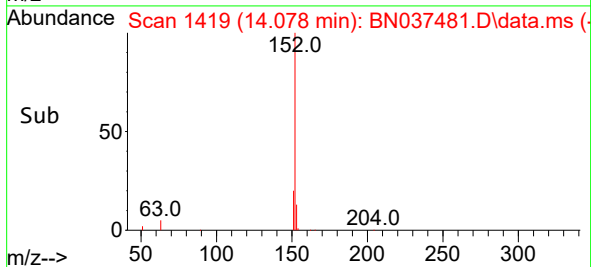
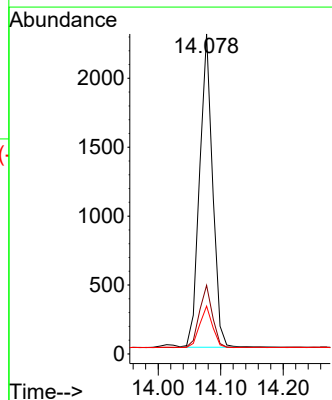
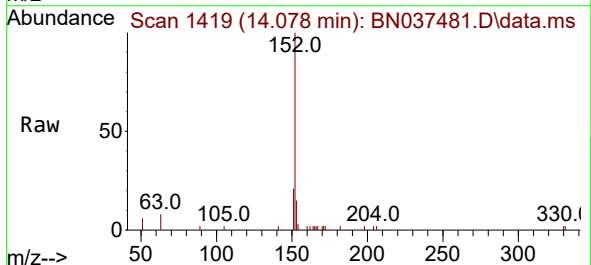
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

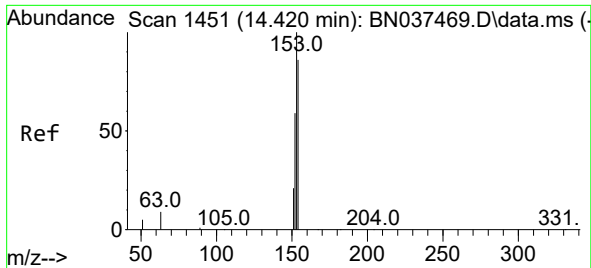
Tgt Ion:172 Resp: 4458  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.8 44.8  
170 25.2 20.0 30.0



#16  
Acenaphthylene  
Concen: 0.324 ng  
RT: 14.078 min Scan# 1419  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

Tgt Ion:152 Resp: 3291  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.4 24.6  
153 13.0 10.6 15.8

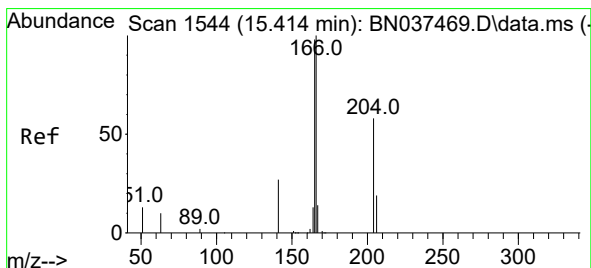
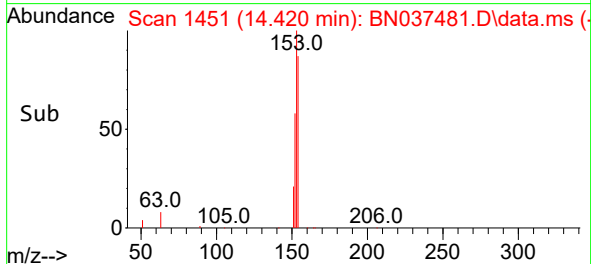
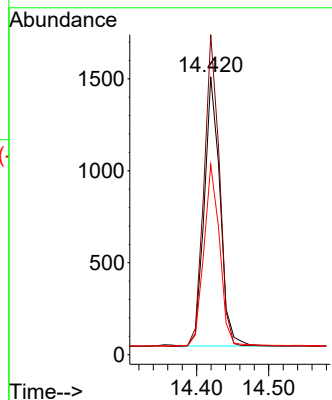
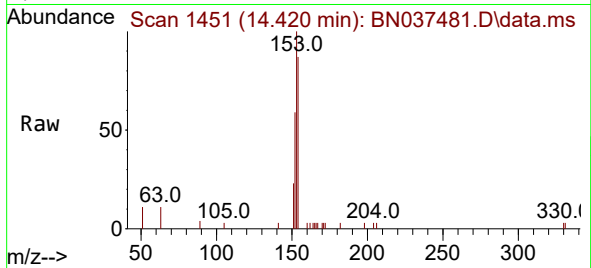




#17  
Acenaphthene  
Concen: 0.326 ng  
RT: 14.420 min Scan# 1451  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

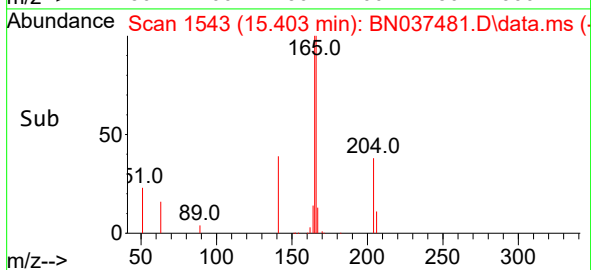
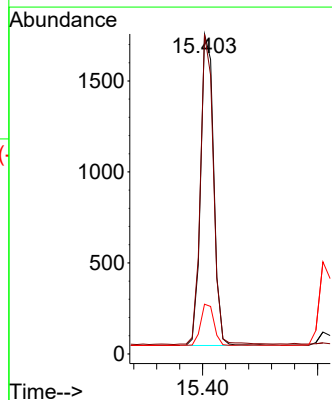
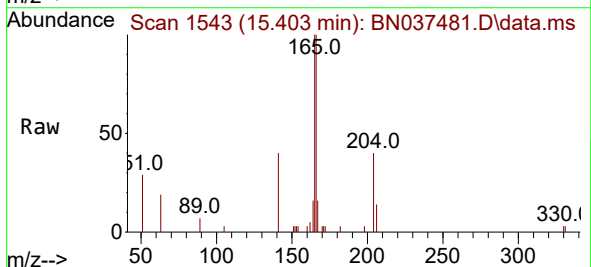
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

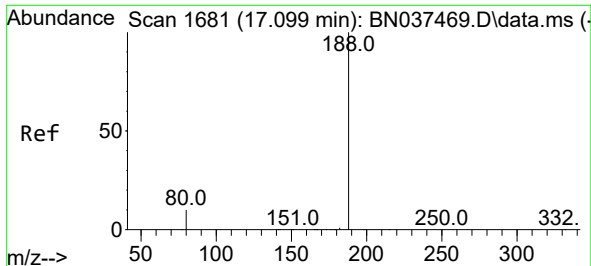
Tgt Ion:154 Resp: 2223  
Ion Ratio Lower Upper  
154 100  
153 112.4 89.4 134.0  
152 68.1 53.2 79.8



#18  
Fluorene  
Concen: 0.321 ng  
RT: 15.403 min Scan# 1543  
Delta R.T. -0.011 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

Tgt Ion:166 Resp: 2753  
Ion Ratio Lower Upper  
166 100  
165 97.5 79.4 119.2  
167 13.4 10.6 15.8

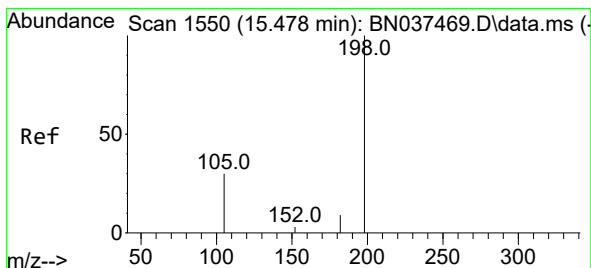
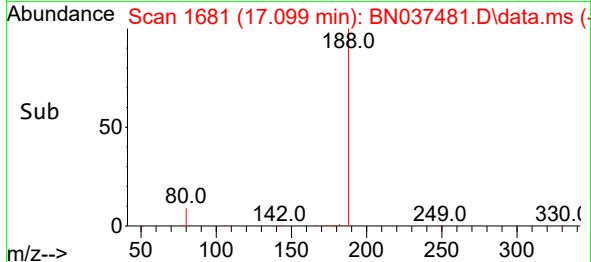
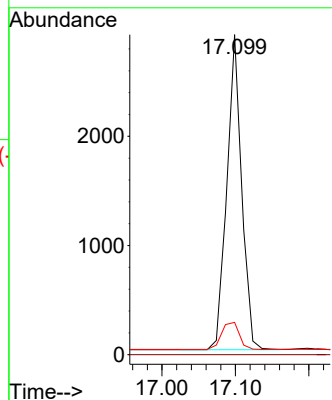
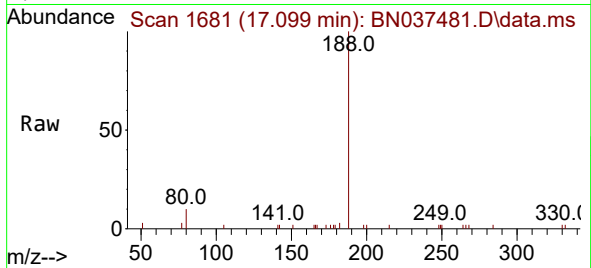




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.099 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

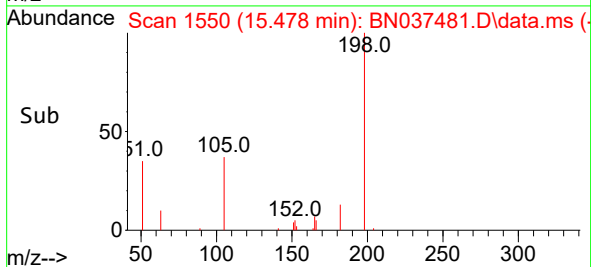
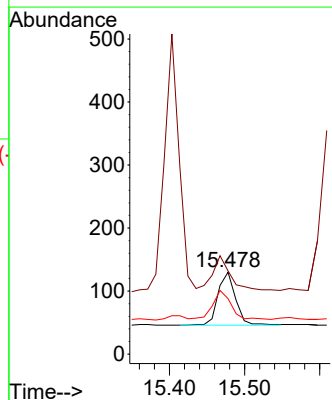
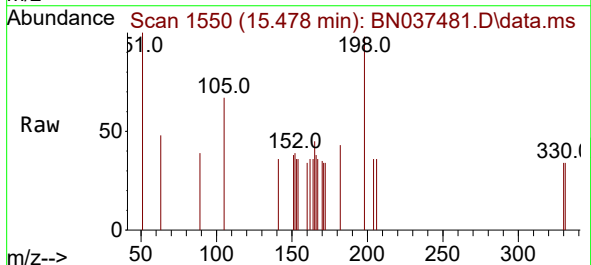
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

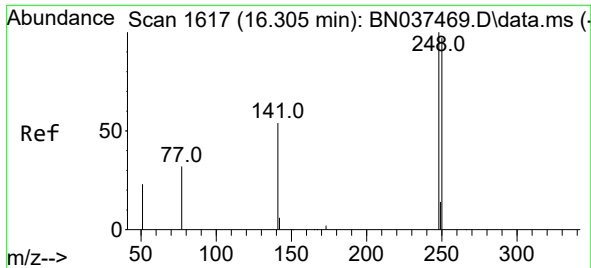
Tgt Ion:188 Resp: 4045  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.1 9.3 13.9



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.310 ng  
RT: 15.478 min Scan# 1550  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

Tgt Ion:198 Resp: 141  
Ion Ratio Lower Upper  
198 100  
51 101.5 86.0 129.0  
105 67.7 53.0 79.4

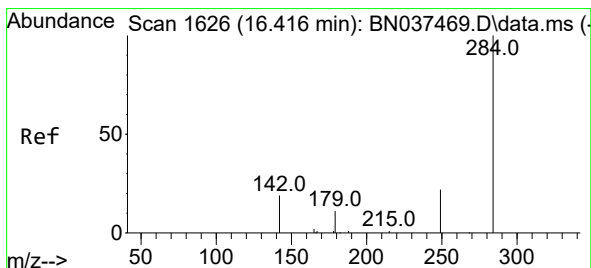
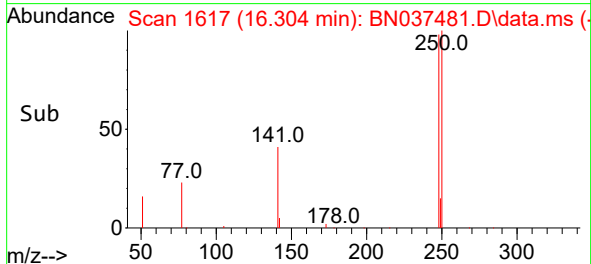
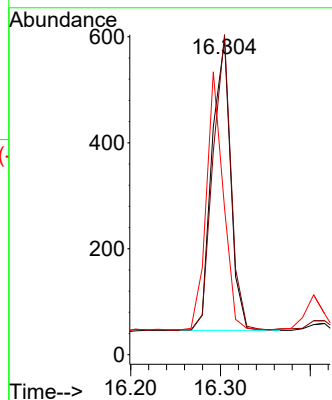
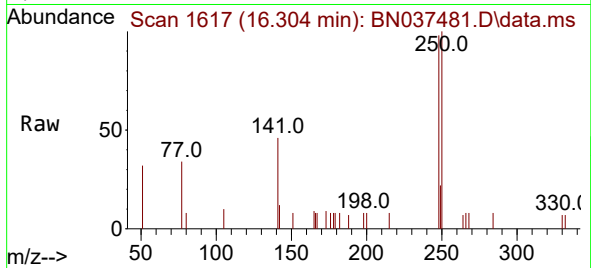




#21  
4-Bromophenyl-phenylether  
Concen: 0.316 ng  
RT: 16.304 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

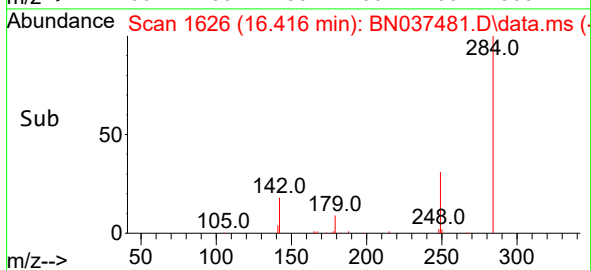
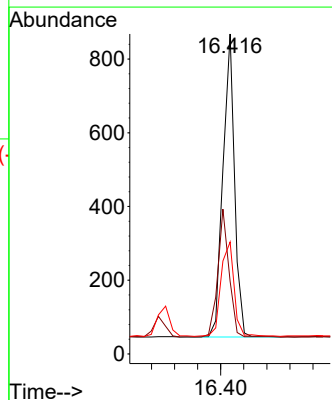
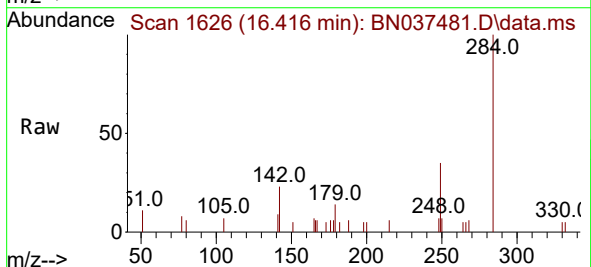
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

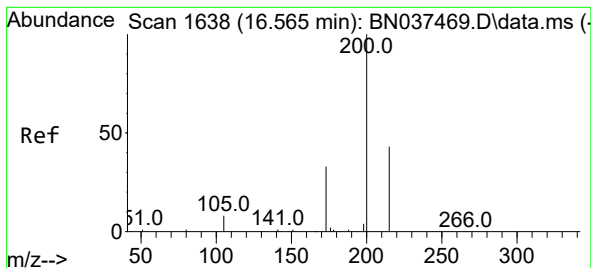
Tgt Ion:248 Resp: 797  
Ion Ratio Lower Upper  
248 100  
250 101.7 77.8 116.6  
141 46.6 45.9 68.9



#22  
Hexachlorobenzene  
Concen: 0.331 ng  
RT: 16.416 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

Tgt Ion:284 Resp: 1153  
Ion Ratio Lower Upper  
284 100  
142 40.5 31.3 46.9  
249 35.0 26.6 40.0





#23

Atrazine

Concen: 0.448 ng

RT: 16.565 min Scan# 1638

Delta R.T. 0.000 min

Lab File: BN037481.D

Acq: 11 Jul 2025 19:43

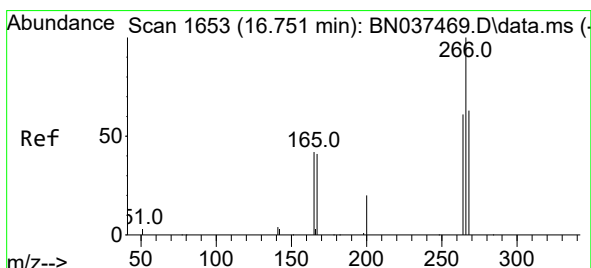
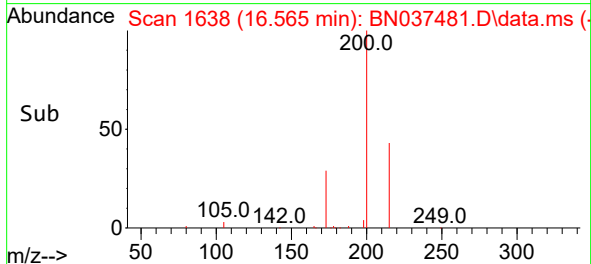
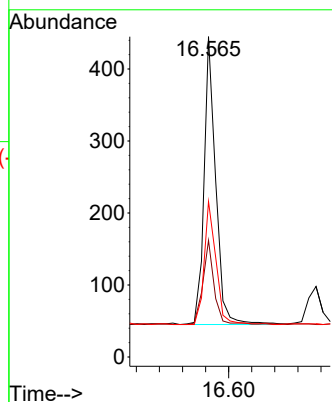
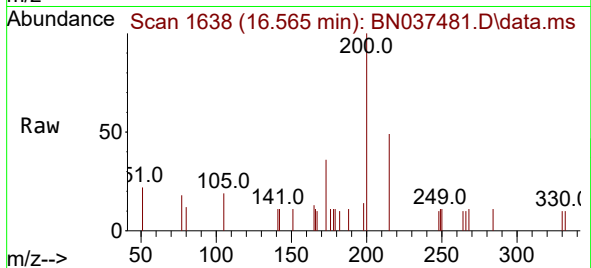
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 562  |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 36.4  | 34.3  | 51.5 |
| 215       | 48.5  | 41.6  | 62.4 |



#24

Pentachlorophenol

Concen: 0.352 ng

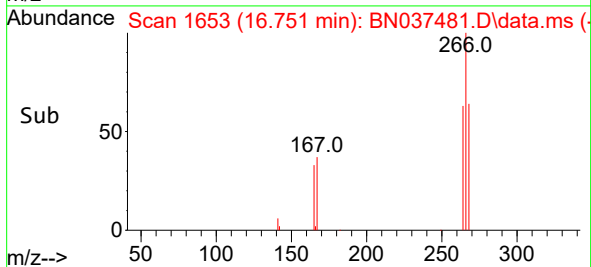
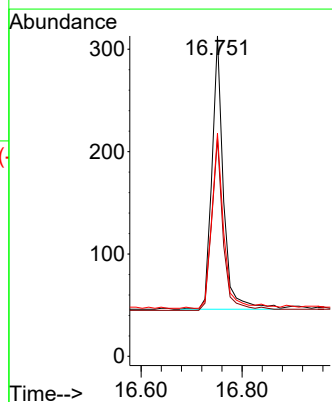
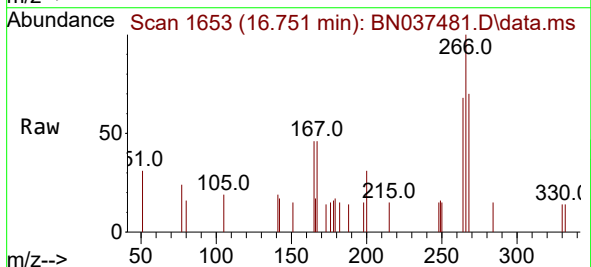
RT: 16.751 min Scan# 1653

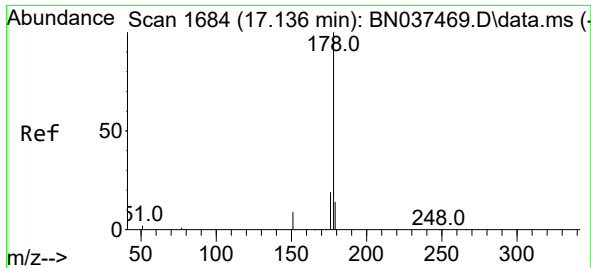
Delta R.T. 0.000 min

Lab File: BN037481.D

Acq: 11 Jul 2025 19:43

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 422  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 63.3  | 47.5  | 71.3 |
| 268       | 66.8  | 50.6  | 76.0 |

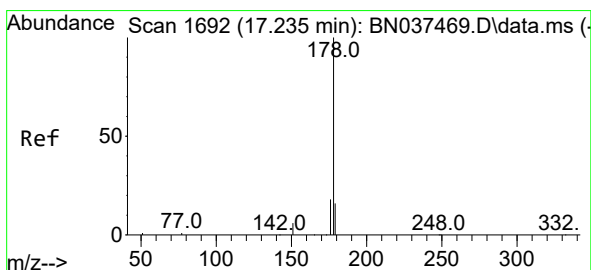
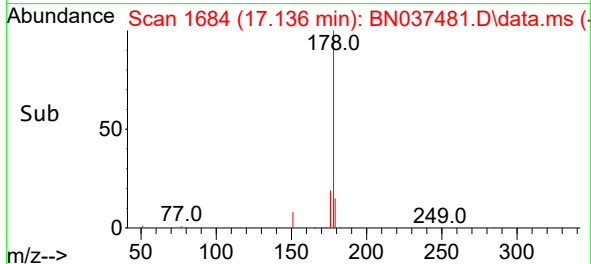
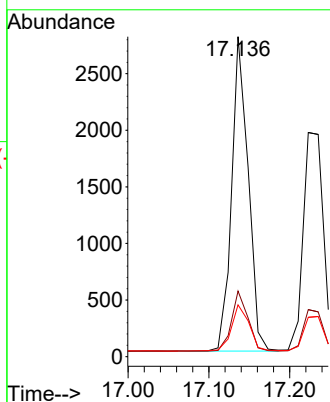
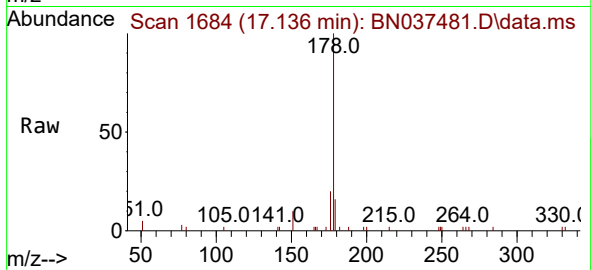




#25  
Phenanthrene  
Concen: 0.322 ng  
RT: 17.136 min Scan# 1684  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

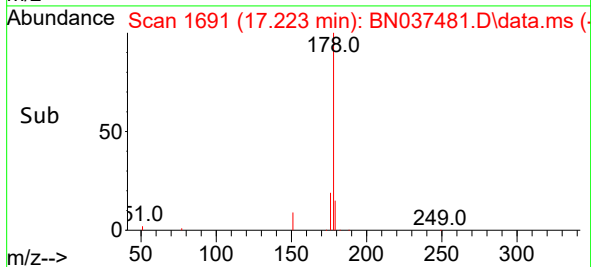
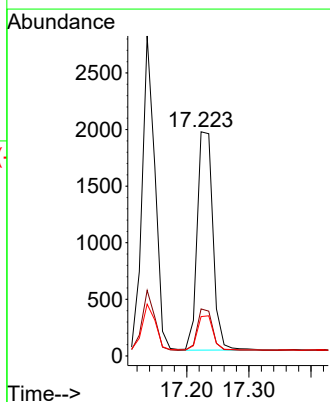
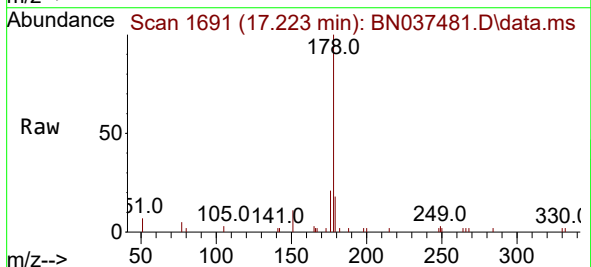
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

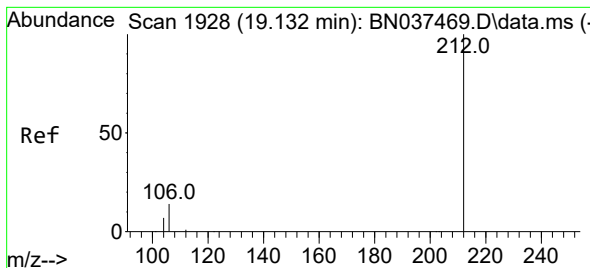
Tgt Ion:178 Resp: 3968  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.1 22.7  
179 15.8 12.2 18.2



#26  
Anthracene  
Concen: 0.306 ng  
RT: 17.223 min Scan# 1691  
Delta R.T. -0.012 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

Tgt Ion:178 Resp: 3404  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.9 22.3  
179 15.5 12.3 18.5





#27

Fluoranthene-d10

Concen: 0.300 ng

RT: 19.132 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BN037481.D

Acq: 11 Jul 2025 19:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

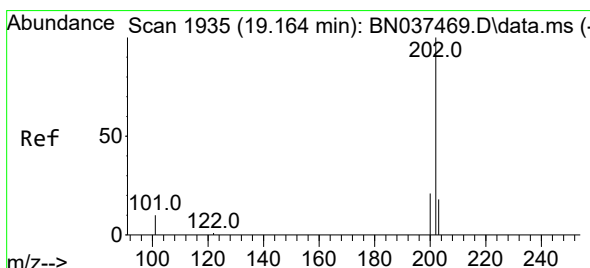
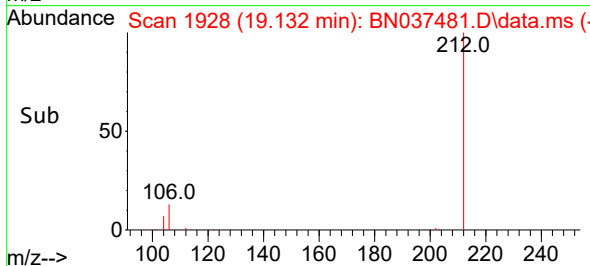
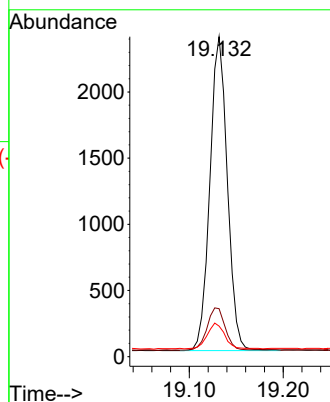
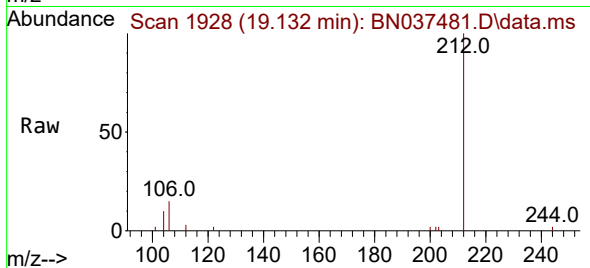
Tgt Ion:212 Resp: 3064

Ion Ratio Lower Upper

212 100

106 14.0 11.7 17.5

104 8.2 6.6 10.0



#28

Fluoranthene

Concen: 0.308 ng

RT: 19.160 min Scan# 1934

Delta R.T. -0.005 min

Lab File: BN037481.D

Acq: 11 Jul 2025 19:43

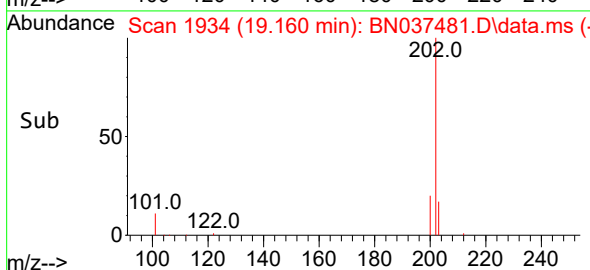
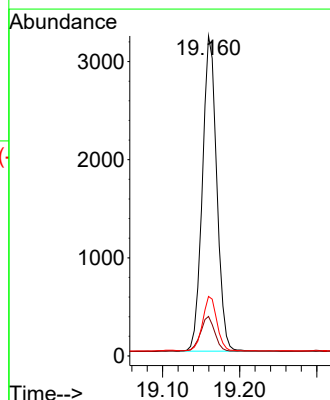
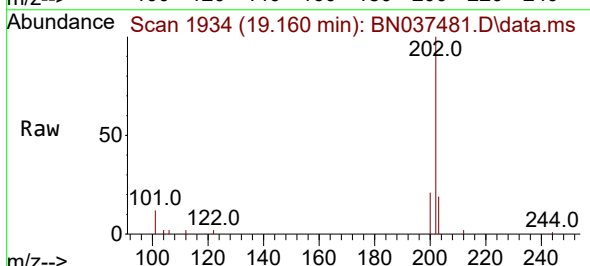
Tgt Ion:202 Resp: 4165

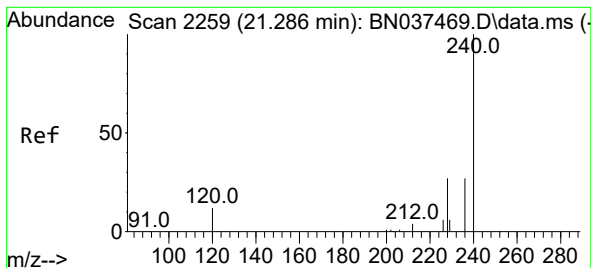
Ion Ratio Lower Upper

202 100

101 11.1 9.2 13.8

203 17.0 14.0 21.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.286 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037481.D

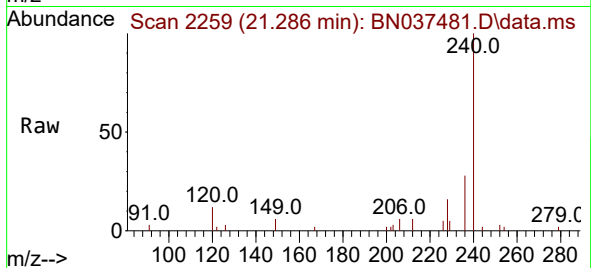
Acq: 11 Jul 2025 19:43

Instrument :

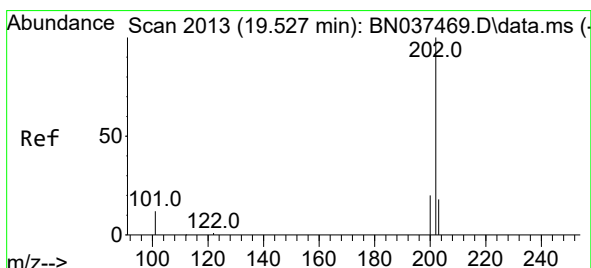
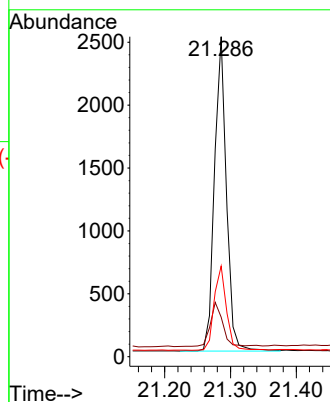
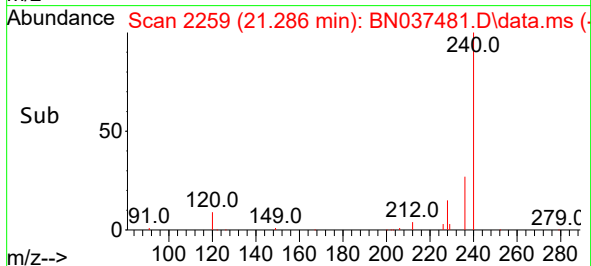
BNA\_N

ClientSampleId :

SSTDCCC0.4EC



|             |       |            |
|-------------|-------|------------|
| Tgt Ion:240 | Resp: | 3148       |
| Ion Ratio   | Lower | Upper      |
| 240         | 100   |            |
| 120         | 12.3  | 12.4 18.6# |
| 236         | 28.3  | 22.9 34.3  |



#30

Pyrene

Concen: 0.322 ng

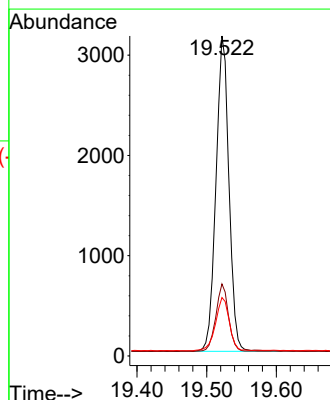
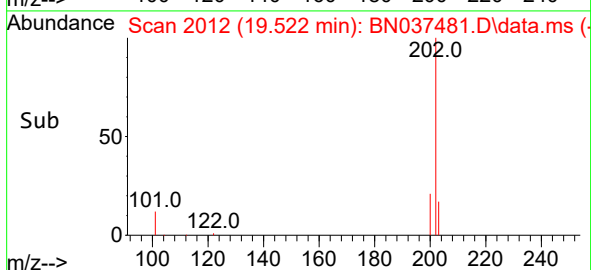
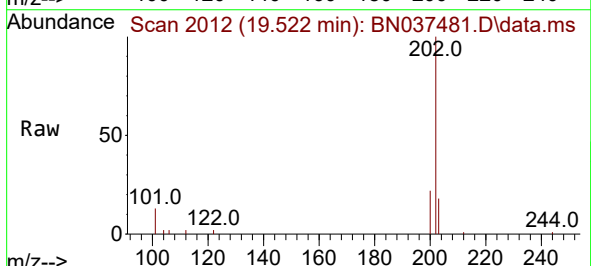
RT: 19.522 min Scan# 2012

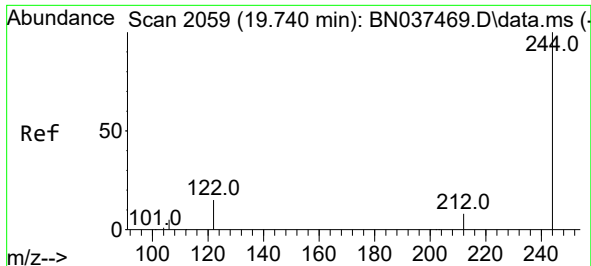
Delta R.T. -0.005 min

Lab File: BN037481.D

Acq: 11 Jul 2025 19:43

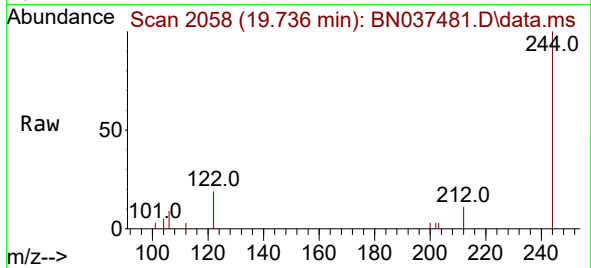
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 4077      |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 21.0  | 16.4 24.6 |
| 203         | 17.9  | 14.3 21.5 |



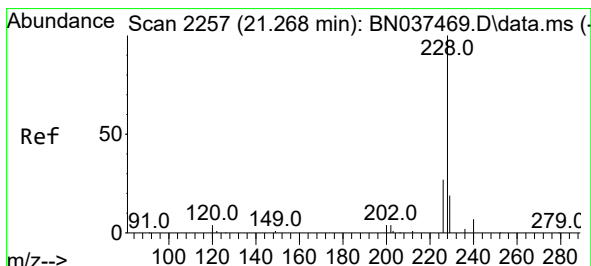
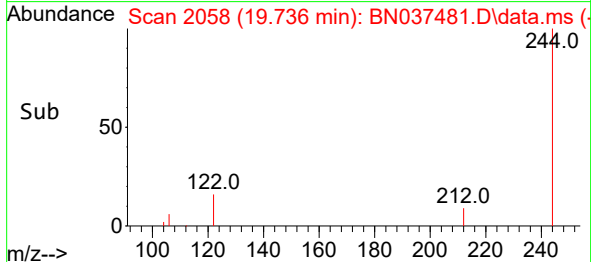
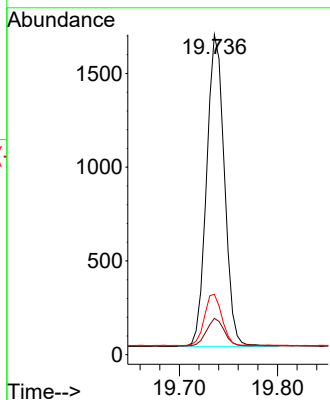


#31  
 Terphenyl-d14  
 Concen: 0.318 ng  
 RT: 19.736 min Scan# 2058  
 Delta R.T. -0.005 min  
 Lab File: BN037481.D  
 Acq: 11 Jul 2025 19:43

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

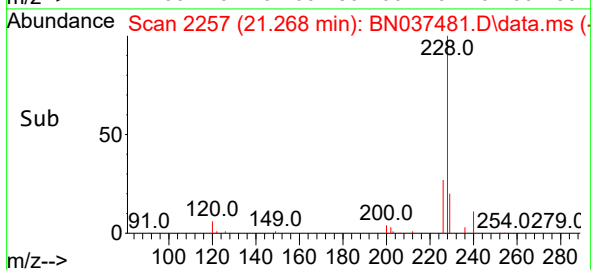
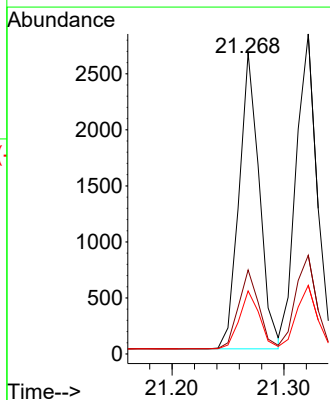
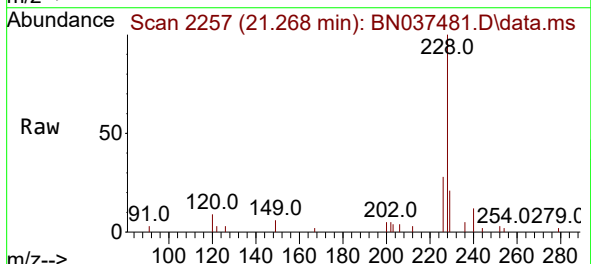


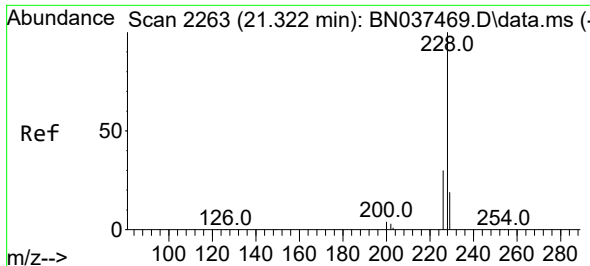
Tgt Ion:244 Resp: 2090  
 Ion Ratio Lower Upper  
 244 100  
 212 11.4 8.7 13.1  
 122 18.9 14.1 21.1



#32  
 Benzo(a)anthracene  
 Concen: 0.312 ng  
 RT: 21.268 min Scan# 2257  
 Delta R.T. -0.000 min  
 Lab File: BN037481.D  
 Acq: 11 Jul 2025 19:43

Tgt Ion:228 Resp: 3329  
 Ion Ratio Lower Upper  
 228 100  
 226 27.9 22.7 34.1  
 229 20.9 16.6 24.8

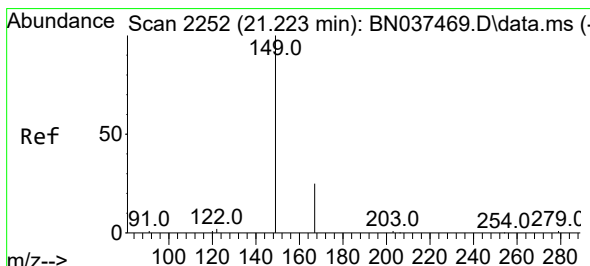
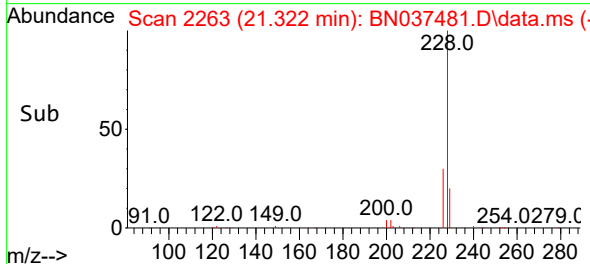
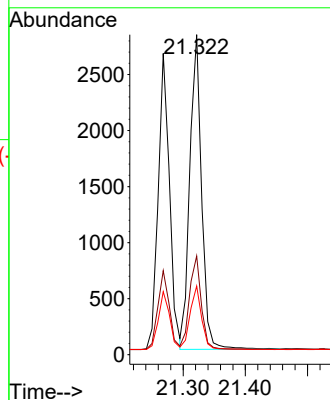
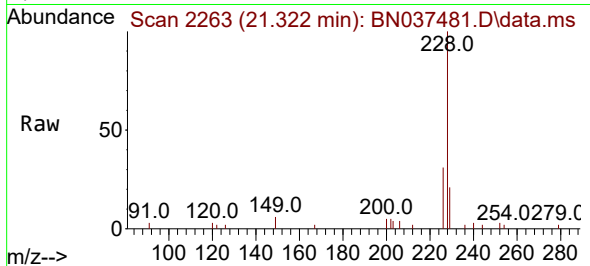




#33  
Chrysene  
Concen: 0.319 ng  
RT: 21.322 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

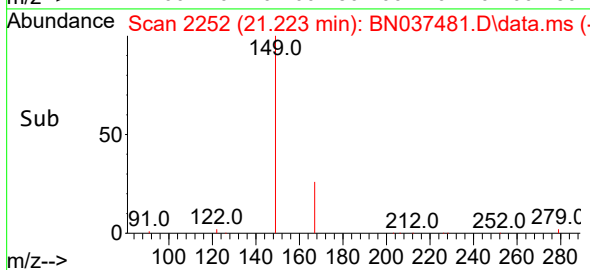
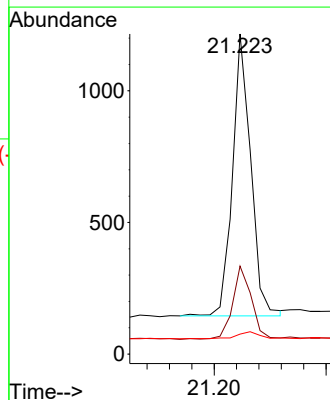
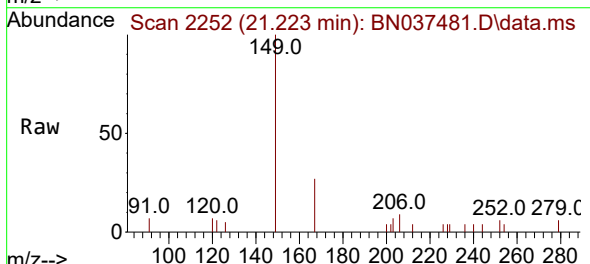
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

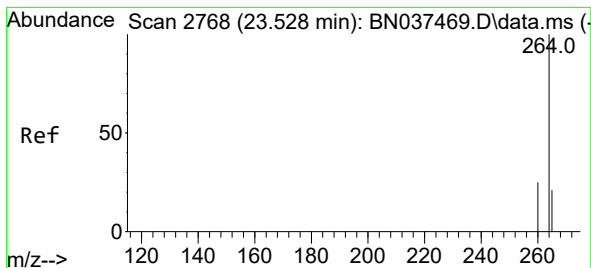
Tgt Ion:228 Resp: 3716  
Ion Ratio Lower Upper  
228 100  
226 30.8 24.6 36.8  
229 21.5 16.4 24.6



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.336 ng  
RT: 21.223 min Scan# 2252  
Delta R.T. -0.000 min  
Lab File: BN037481.D  
Acq: 11 Jul 2025 19:43

Tgt Ion:149 Resp: 1217  
Ion Ratio Lower Upper  
149 100  
167 26.9 19.4 29.2  
279 3.3 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.528 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037481.D

Acq: 11 Jul 2025 19:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

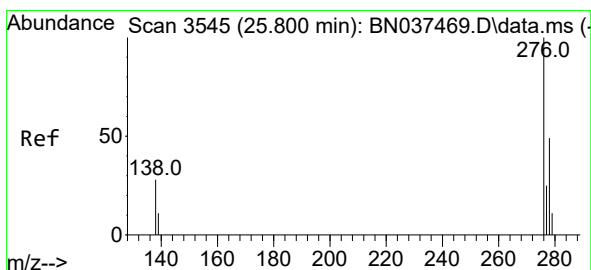
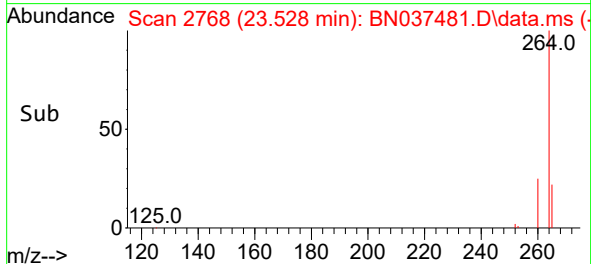
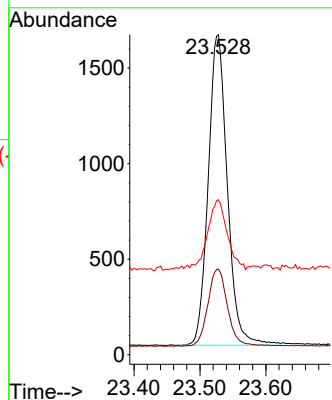
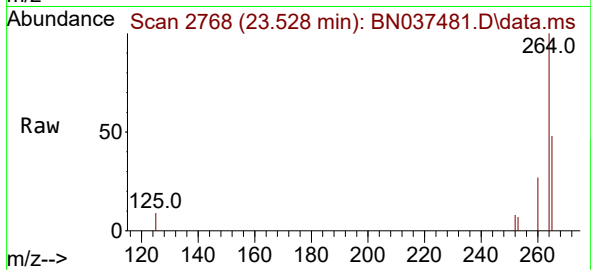
Tgt Ion:264 Resp: 3275

Ion Ratio Lower Upper

264 100

260 26.7 21.7 32.5

265 48.5 41.6 62.4



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.309 ng

RT: 25.800 min Scan# 3545

Delta R.T. -0.000 min

Lab File: BN037481.D

Acq: 11 Jul 2025 19:43

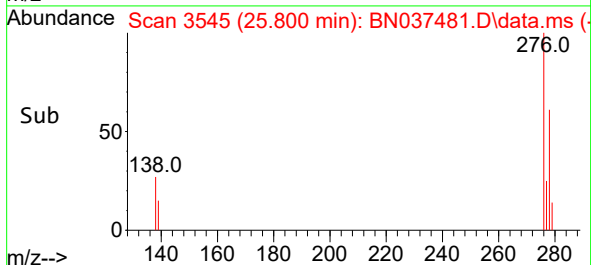
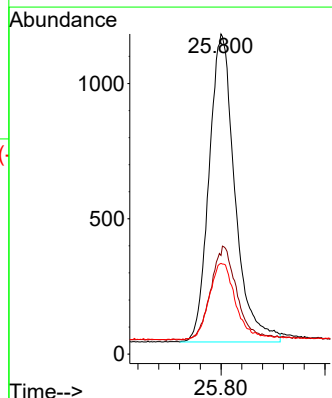
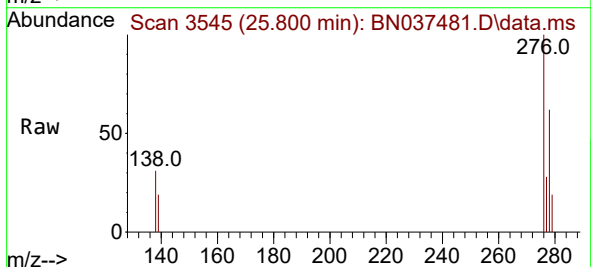
Tgt Ion:276 Resp: 3929

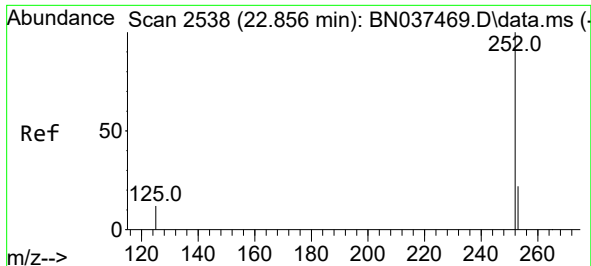
Ion Ratio Lower Upper

276 100

138 30.4 23.4 35.2

277 25.3 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.275 ng

RT: 22.853 min Scan# 2537

Delta R.T. -0.003 min

Lab File: BN037481.D

Acq: 11 Jul 2025 19:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

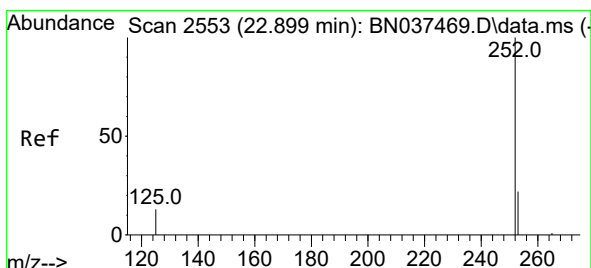
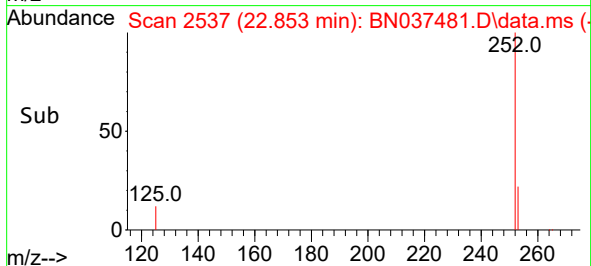
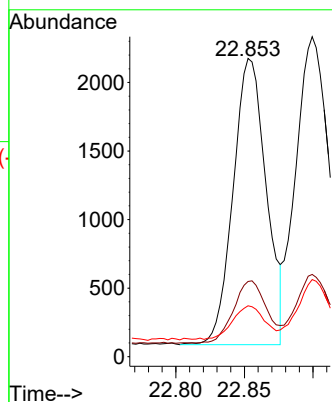
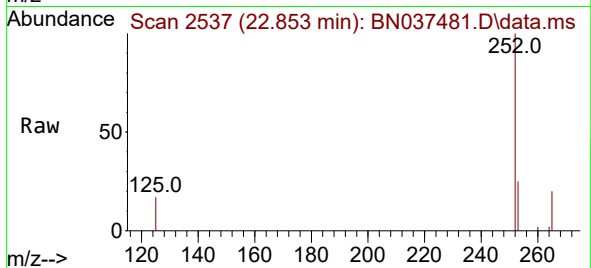
Tgt Ion:252 Resp: 3502

Ion Ratio Lower Upper

252 100

253 25.2 20.1 30.1

125 17.1 13.7 20.5



#38

Benzo(k)fluoranthene

Concen: 0.271 ng

RT: 22.853 min Scan# 2537

Delta R.T. -0.047 min

Lab File: BN037481.D

Acq: 11 Jul 2025 19:43

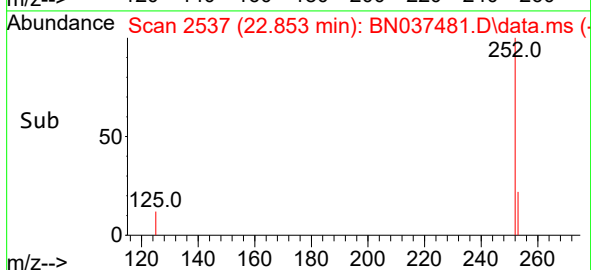
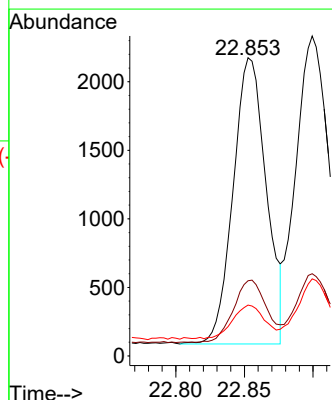
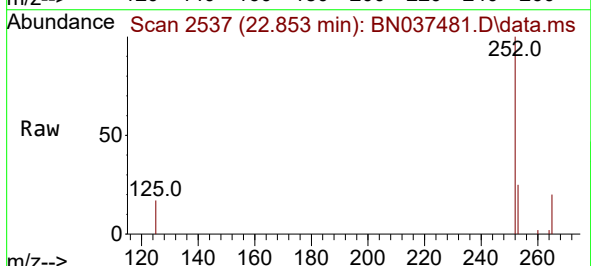
Tgt Ion:252 Resp: 3502

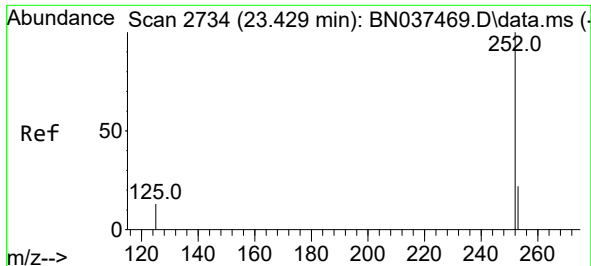
Ion Ratio Lower Upper

252 100

253 25.2 20.4 30.6

125 17.1 14.6 21.8





#39

Benzo(a)pyrene

Concen: 0.274 ng

RT: 23.429 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037481.D

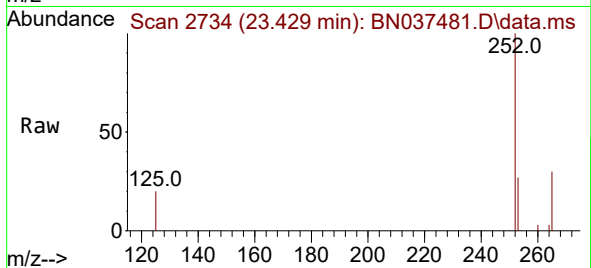
Acq: 11 Jul 2025 19:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



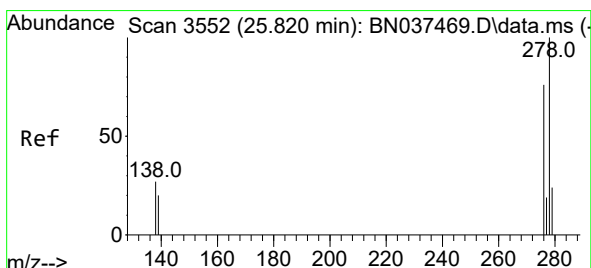
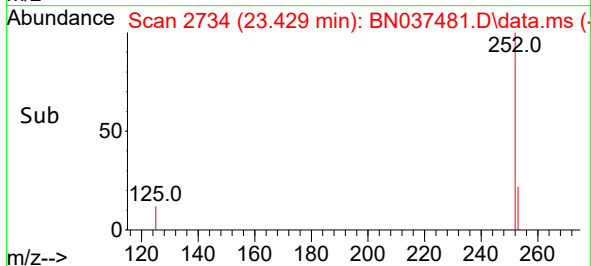
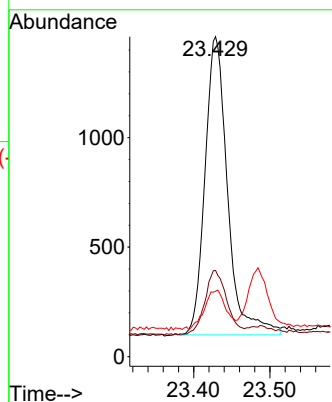
Tgt Ion:252 Resp: 2804

Ion Ratio Lower Upper

252 100

253 27.0 21.8 32.6

125 20.5 16.7 25.1



#40

Dibenzo(a,h)anthracene

Concen: 0.321 ng

RT: 25.814 min Scan# 3550

Delta R.T. -0.006 min

Lab File: BN037481.D

Acq: 11 Jul 2025 19:43

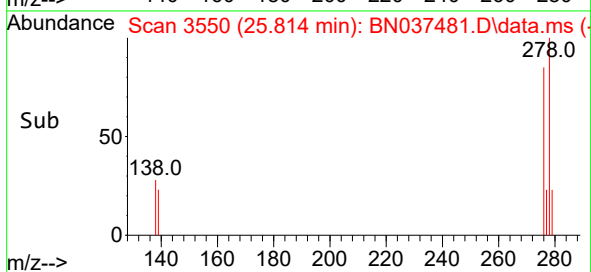
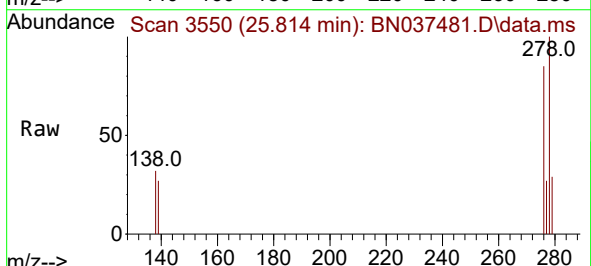
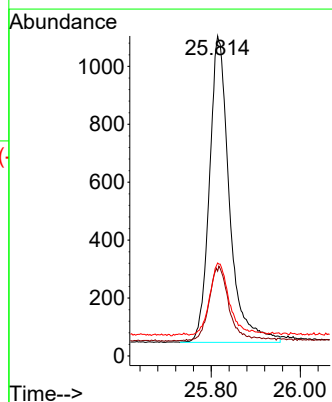
Tgt Ion:278 Resp: 3294

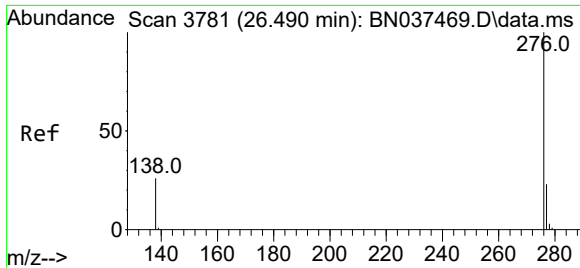
Ion Ratio Lower Upper

278 100

139 26.5 19.9 29.9

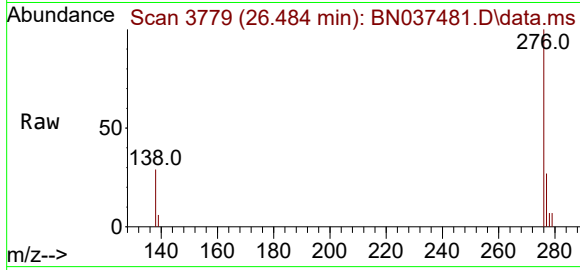
279 29.0 24.8 37.2





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.294 ng  
 RT: 26.484 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BN037481.D  
 Acq: 11 Jul 2025 19:43

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 3300 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 27.1  | 21.7  | 32.5 |
| 138       | 29.1  | 24.3  | 36.5 |

