

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060925\  
 Data File : BN037189.D  
 Acq On : 09 Jun 2025 10:54  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jun 09 11:21:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN060325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 04 01:52:03 2025  
 Response via : Initial Calibration

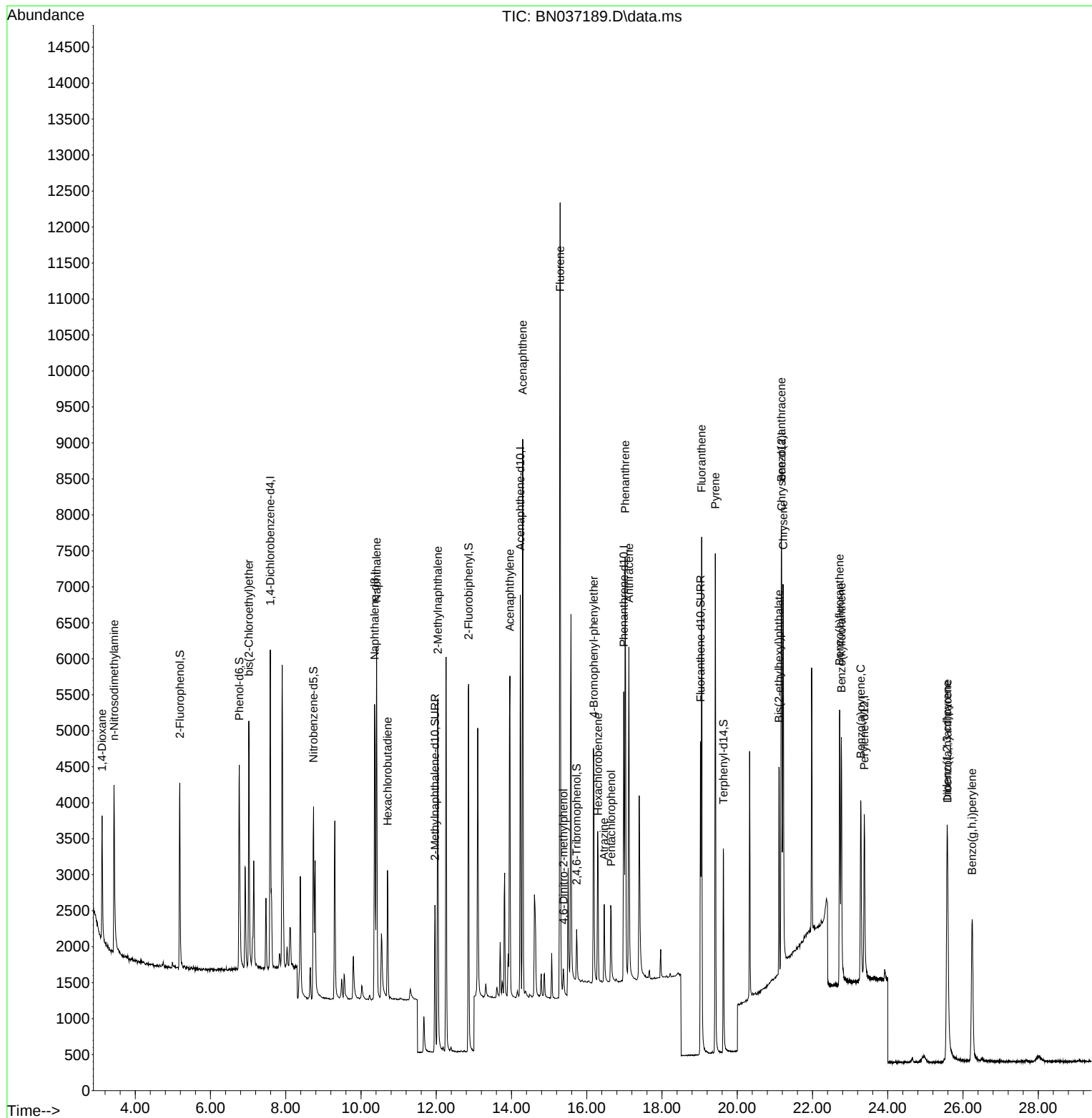
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.589  | 152  | 2093     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.362 | 136  | 5342     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.235 | 164  | 2894     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.984 | 188  | 5308     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.180 | 240  | 3516     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.377 | 264  | 3185     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.184  | 112  | 1933     | 0.373 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.766  | 99   | 2353     | 0.375 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.739  | 82   | 2254     | 0.400 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.966 | 152  | 2980     | 0.401 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.730 | 330  | 410      | 0.352 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.858 | 172  | 4893     | 0.397 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.026 | 212  | 5096     | 0.378 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.630 | 244  | 3196     | 0.386 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.119  | 88   | 1086     | 0.389 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.437  | 42   | 2219     | 0.396 | ng    | 99       |
| 6) bis(2-Chloroethyl)ether    | 7.019  | 93   | 2354     | 0.393 | ng    | 98       |
| 9) Naphthalene                | 10.415 | 128  | 6000     | 0.389 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.703 | 225  | 1350     | 0.402 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.042 | 142  | 3683     | 0.373 | ng    | 97       |
| 16) Acenaphthylene            | 13.957 | 152  | 5056     | 0.356 | ng    | 99       |
| 17) Acenaphthene              | 14.299 | 154  | 3370     | 0.366 | ng    | 100      |
| 18) Fluorene                  | 15.293 | 166  | 4348     | 0.359 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.378 | 198  | 331      | 0.487 | ng    | 94       |
| 21) 4-Bromophenyl-phenylether | 16.189 | 248  | 1282     | 0.369 | ng    | # 88     |
| 22) Hexachlorobenzene         | 16.301 | 284  | 1488     | 0.396 | ng    | 98       |
| 23) Atrazine                  | 16.463 | 200  | 1020     | 0.355 | ng    | 96       |
| 24) Pentachlorophenol         | 16.649 | 266  | 645      | 0.502 | ng    | 93       |
| 25) Phenanthrene              | 17.021 | 178  | 6261     | 0.364 | ng    | 100      |
| 26) Anthracene                | 17.120 | 178  | 5447     | 0.347 | ng    | 99       |
| 28) Fluoranthene              | 19.054 | 202  | 6641     | 0.350 | ng    | 99       |
| 30) Pyrene                    | 19.416 | 202  | 6586     | 0.384 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.171 | 228  | 4507     | 0.354 | ng    | 98       |
| 33) Chrysene                  | 21.224 | 228  | 5182     | 0.366 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.108 | 149  | 2880     | 0.359 | ng    | # 98     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.573 | 276  | 4552     | 0.359 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.722 | 252  | 4604     | 0.358 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.766 | 252  | 4587     | 0.349 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.284 | 252  | 3801     | 0.353 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 25.591 | 278  | 3442     | 0.352 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.243 | 276  | 4160     | 0.371 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

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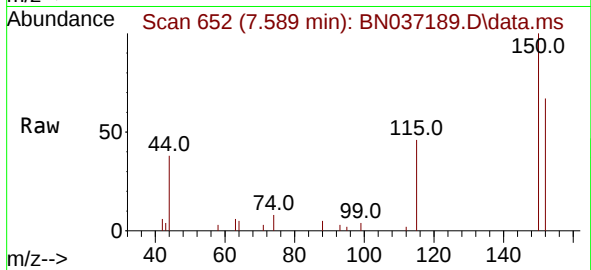
Quant Time: Jun 09 11:21:12 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN060325.M  
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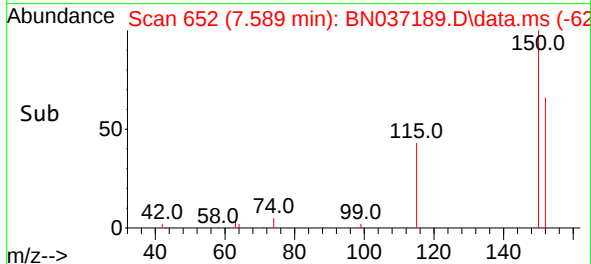
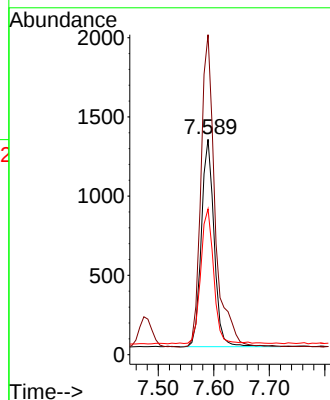
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.589 min Scan# 61  
 Delta R.T. -0.001 min  
 Lab File: BN037189.D  
 Acq: 09 Jun 2025 10:54

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:152 Resp: 2093

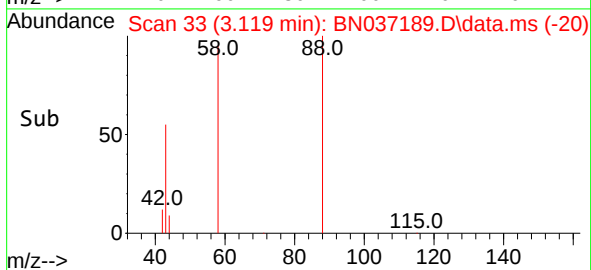
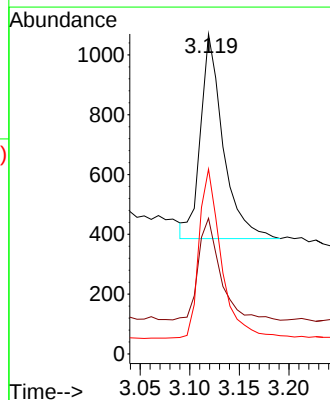
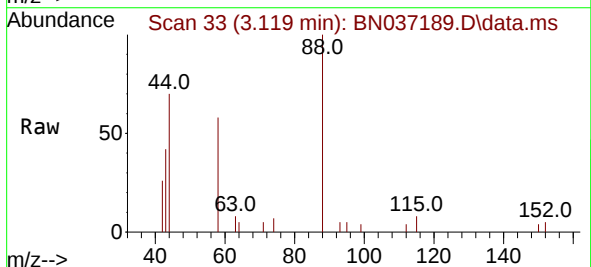
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 148.6 | 123.2 | 184.8 |
| 115 | 67.6  | 56.6  | 85.0  |

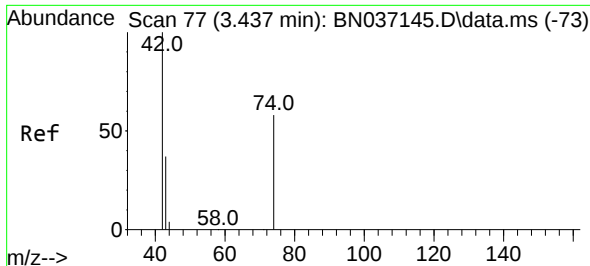


#2  
 1,4-Dioxane  
 Concen: 0.389 ng  
 RT: 3.119 min Scan# 33  
 Delta R.T. -0.007 min  
 Lab File: BN037189.D  
 Acq: 09 Jun 2025 10:54

Tgt Ion: 88 Resp: 1086

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 48.8  | 43.5  | 65.3  |
| 58  | 82.5  | 67.7  | 101.5 |

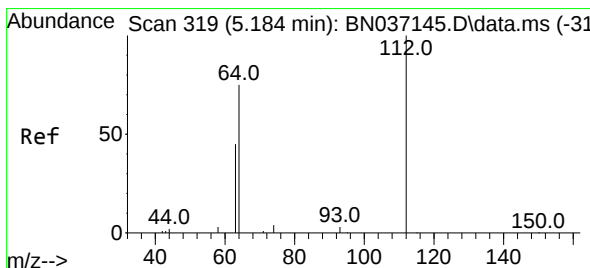
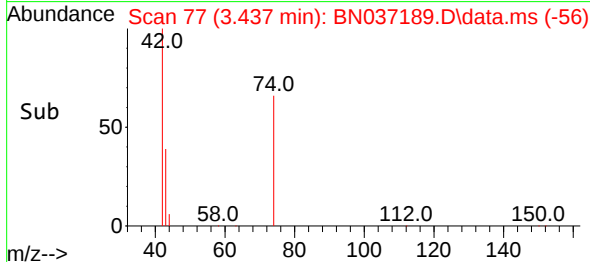
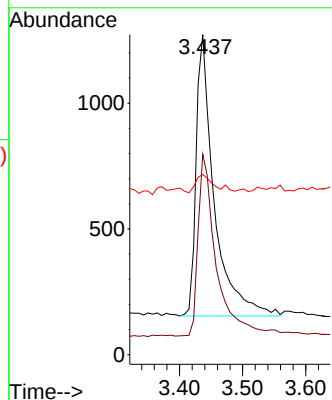
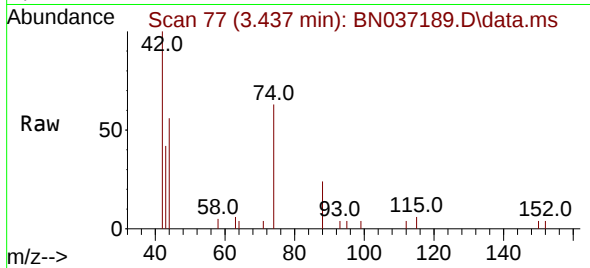




#3  
 n-Nitrosodimethylamine  
 Concen: 0.396 ng  
 RT: 3.437 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: BN037189.D  
 Acq: 09 Jun 2025 10:54

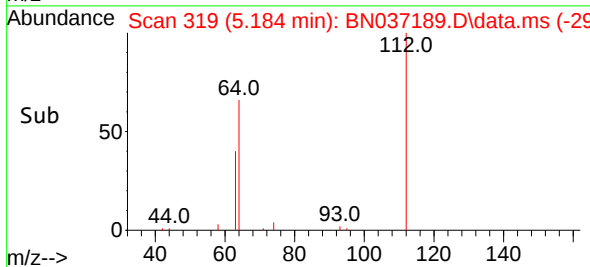
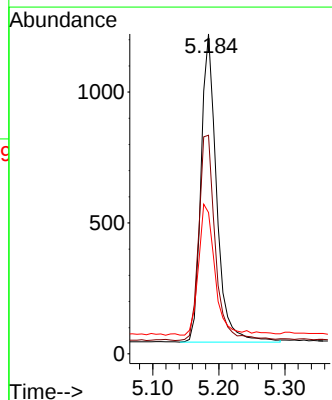
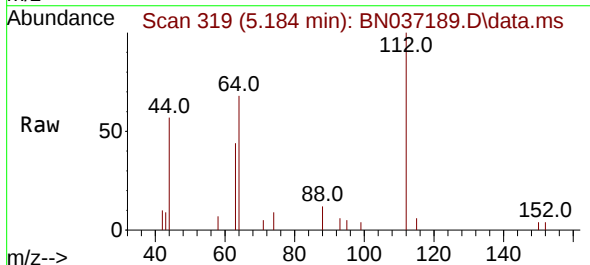
Instrument :  
 BNA\_N  
 ClientSampleId :

Tgt Ion: 42 Resp: 2219  
 Ion Ratio Lower Upper  
 42 100  
 74 65.1 53.0 79.4  
 44 6.7 5.9 8.9



#4  
 2-Fluorophenol  
 Concen: 0.373 ng  
 RT: 5.184 min Scan# 319  
 Delta R.T. -0.000 min  
 Lab File: BN037189.D  
 Acq: 09 Jun 2025 10:54

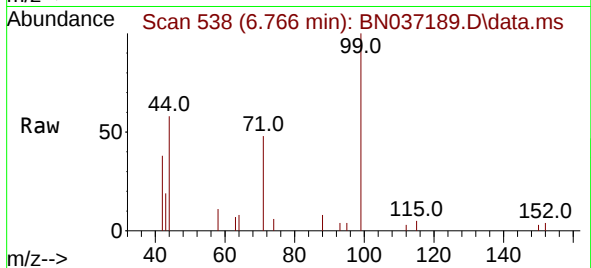
Tgt Ion: 112 Resp: 1933  
 Ion Ratio Lower Upper  
 112 100  
 64 70.3 56.3 84.5  
 63 45.2 36.2 54.4





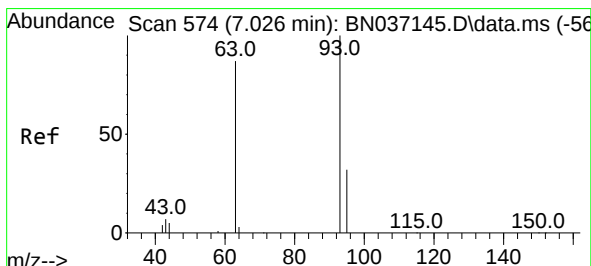
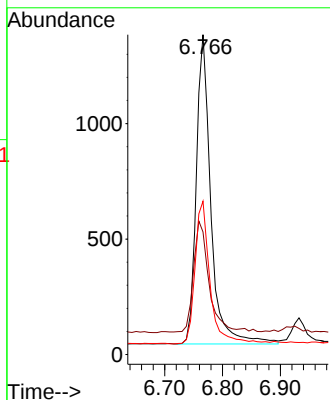
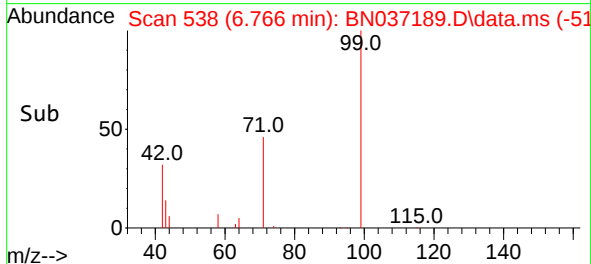
#5  
Phenol-d6  
Concen: 0.375 ng  
RT: 6.766 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

Instrument :  
BNA\_N  
ClientSampleId :

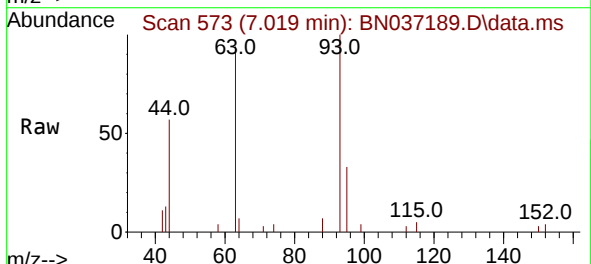


Tgt Ion: 99 Resp: 2353

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 38.1  | 31.3  | 46.9  |
| 71  | 47.1  | 38.2  | 57.2  |

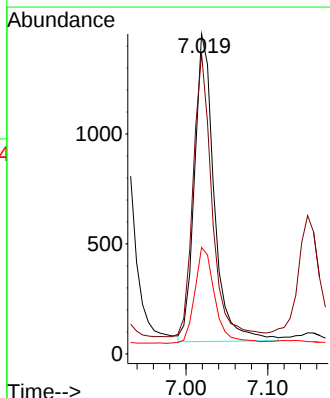
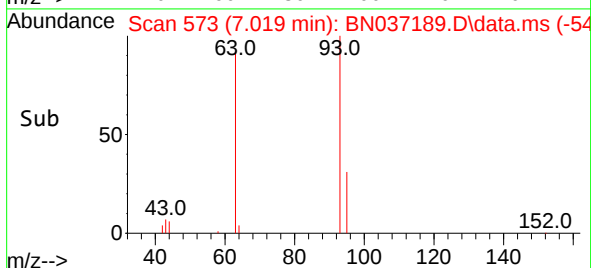


#6  
bis(2-Chloroethyl)ether  
Concen: 0.393 ng  
RT: 7.019 min Scan# 573  
Delta R.T. -0.007 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54



Tgt Ion: 93 Resp: 2354

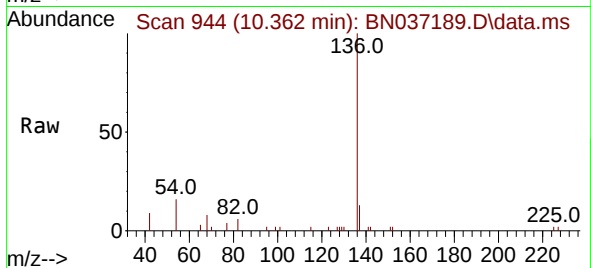
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 87.8  | 68.6  | 103.0 |
| 95  | 31.6  | 24.3  | 36.5  |



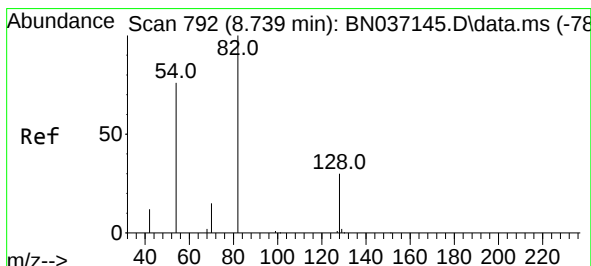
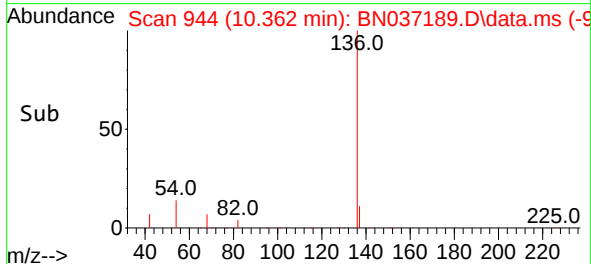
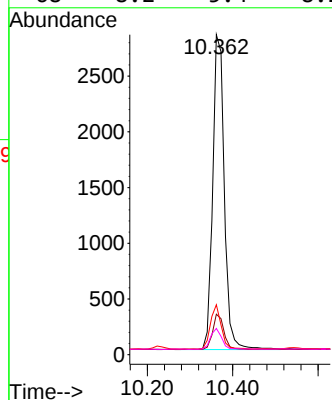


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.362 min Scan# 945  
Delta R.T. -0.011 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

Instrument :  
BNA\_N  
ClientSampleId :

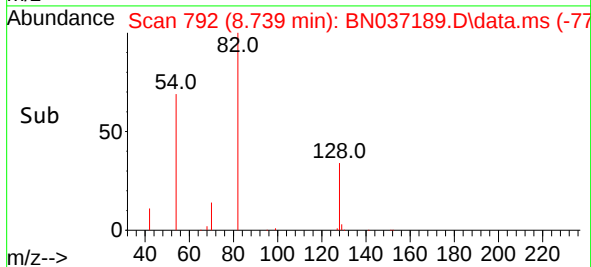
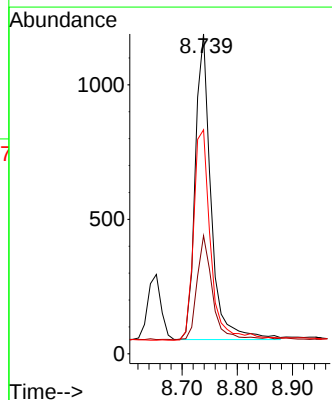
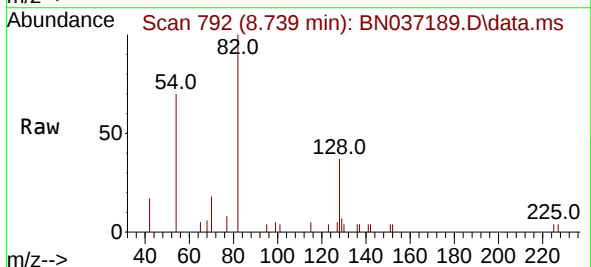


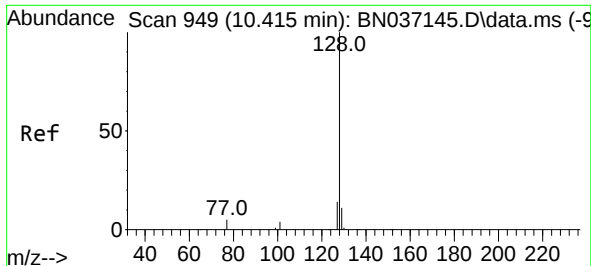
Tgt Ion:136 Resp: 5342  
Ion Ratio Lower Upper  
136 100  
137 12.7 9.7 14.5  
54 15.6 9.7 14.5#  
68 8.2 5.4 8.2#



#8  
Nitrobenzene-d5  
Concen: 0.400 ng  
RT: 8.739 min Scan# 792  
Delta R.T. -0.000 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

Tgt Ion: 82 Resp: 2254  
Ion Ratio Lower Upper  
82 100  
128 36.9 26.9 40.3  
54 70.1 61.4 92.2

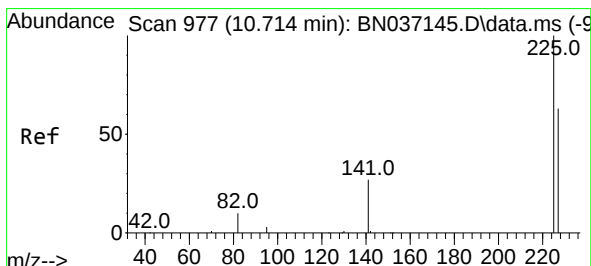
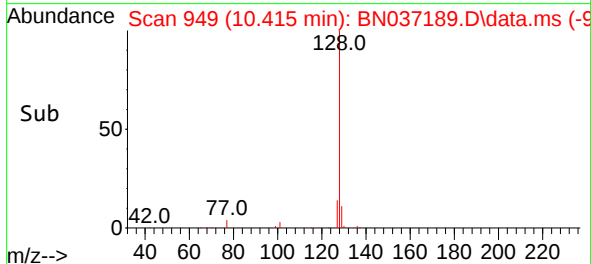
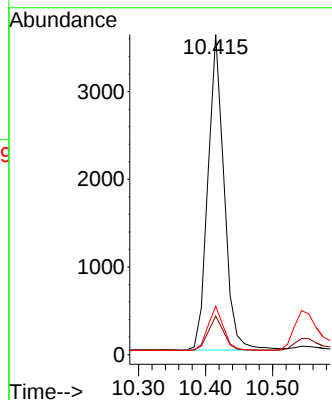
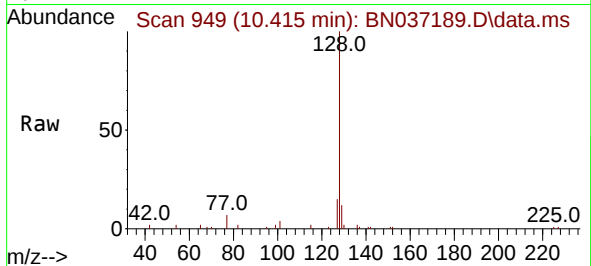




#9  
Naphthalene  
Concen: 0.389 ng  
RT: 10.415 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

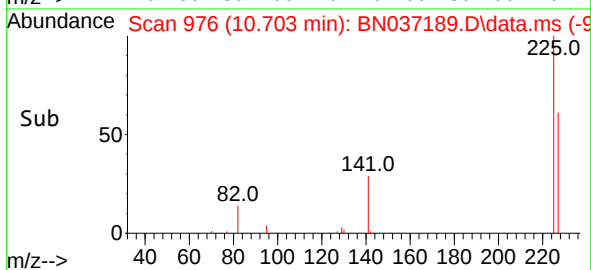
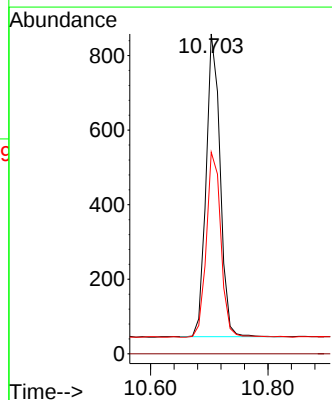
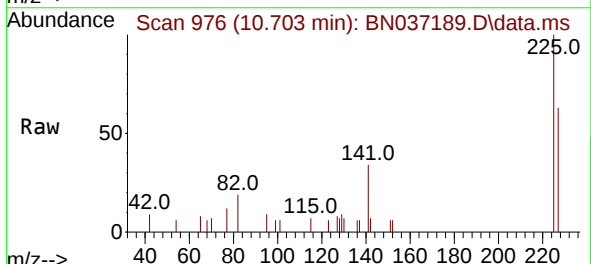
Instrument :  
BNA\_N  
ClientSampleId :

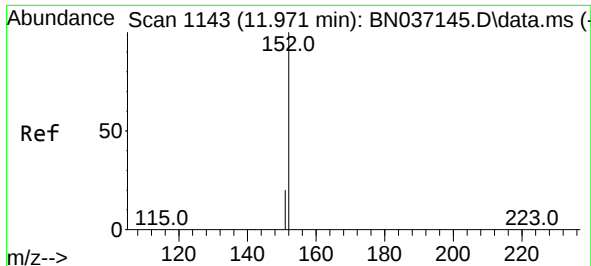
Tgt Ion:128 Resp: 6000  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.8 14.8  
127 15.2 12.3 18.5



#10  
Hexachlorobutadiene  
Concen: 0.402 ng  
RT: 10.703 min Scan# 976  
Delta R.T. -0.011 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

Tgt Ion:225 Resp: 1350  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.2 50.3 75.5

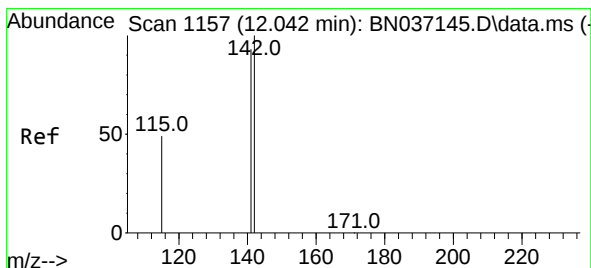
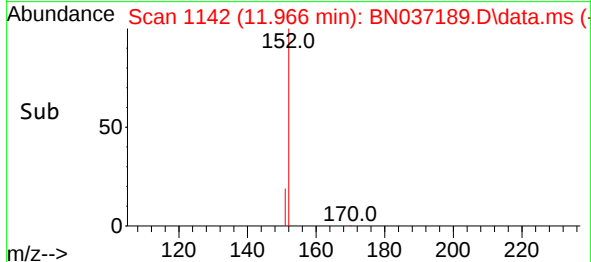
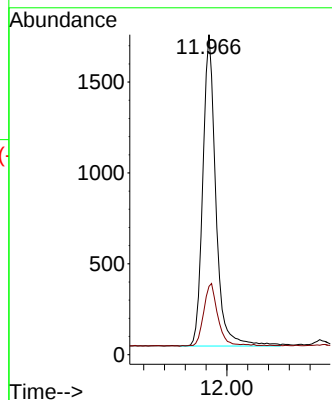
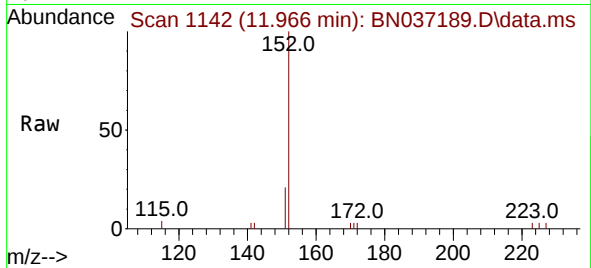




#11  
2-Methylnaphthalene-d10  
Concen: 0.401 ng  
RT: 11.966 min Scan# 1142  
Delta R.T. -0.005 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

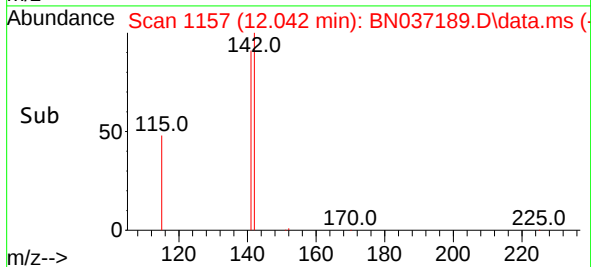
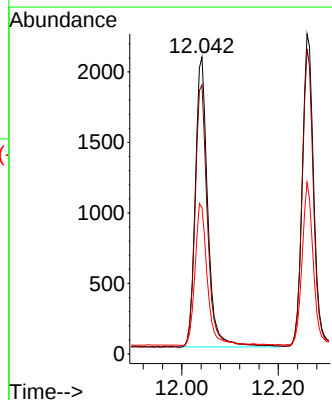
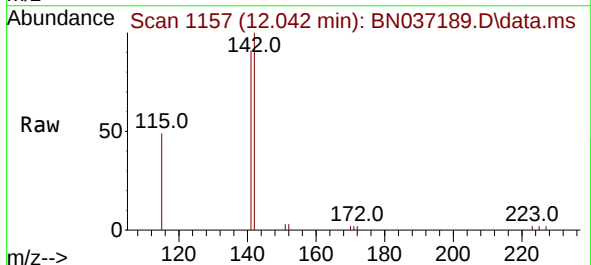
Instrument :  
BNA\_N  
ClientSampleId :

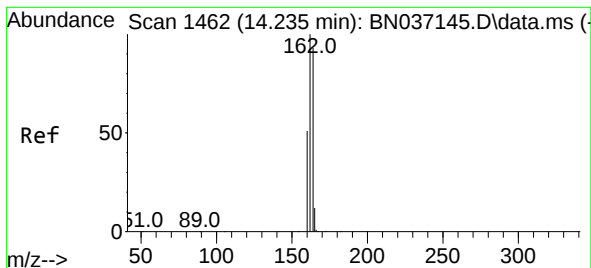
Tgt Ion:152 Resp: 2980  
Ion Ratio Lower Upper  
152 100  
151 22.1 17.1 25.7



#12  
2-Methylnaphthalene  
Concen: 0.373 ng  
RT: 12.042 min Scan# 1157  
Delta R.T. -0.000 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

Tgt Ion:142 Resp: 3683  
Ion Ratio Lower Upper  
142 100  
141 90.6 74.6 111.8  
115 49.3 41.0 61.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.235 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BN037189.D

Acq: 09 Jun 2025 10:54

Instrument :

BNA\_N

ClientSampleId :

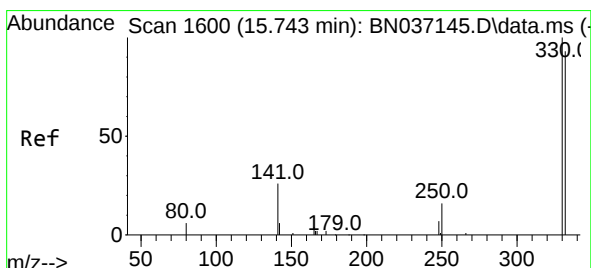
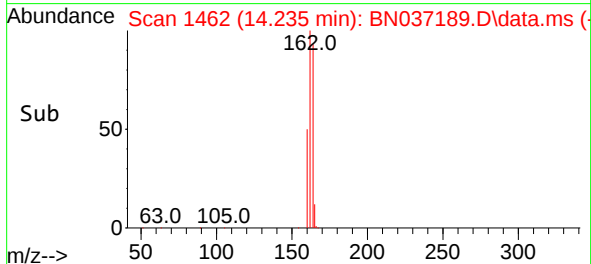
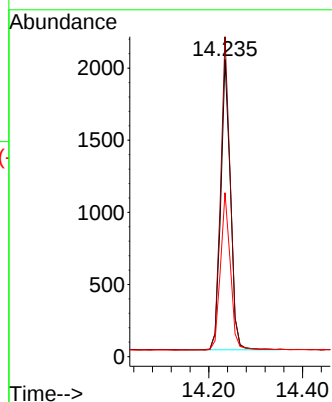
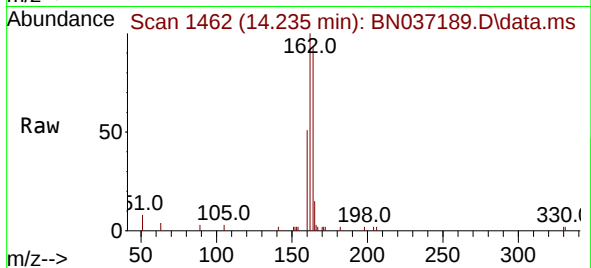
Tgt Ion:164 Resp: 2894

Ion Ratio Lower Upper

164 100

162 107.7 85.5 128.3

160 55.2 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.352 ng

RT: 15.730 min Scan# 1599

Delta R.T. -0.012 min

Lab File: BN037189.D

Acq: 09 Jun 2025 10:54

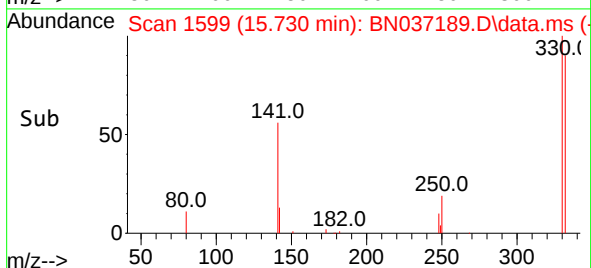
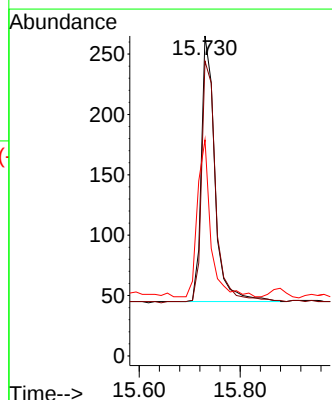
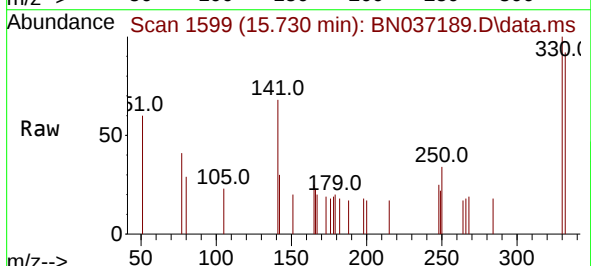
Tgt Ion:330 Resp: 410

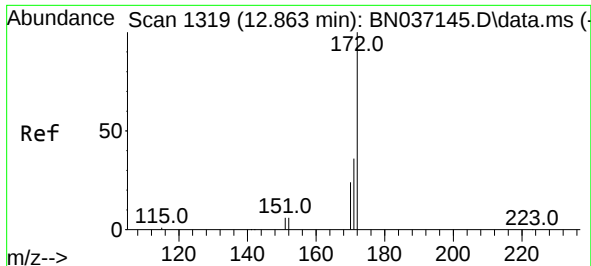
Ion Ratio Lower Upper

330 100

332 97.8 77.1 115.7

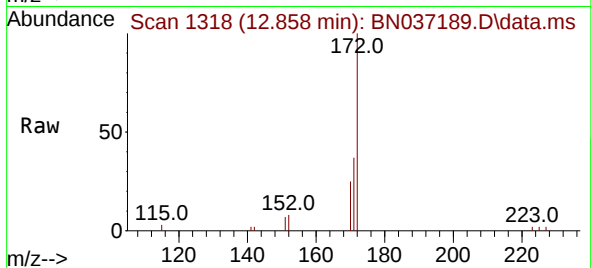
141 57.6 46.4 69.6



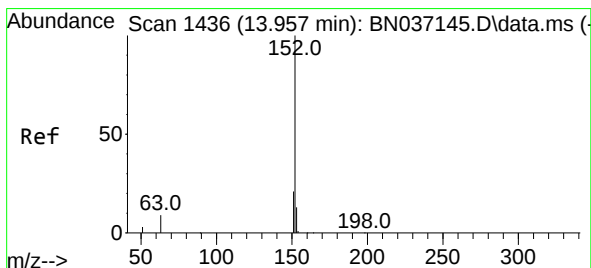
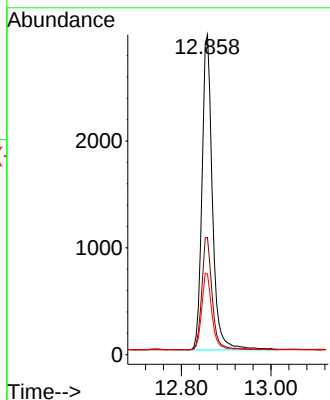
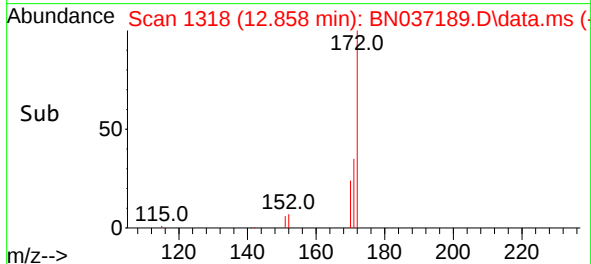


#15  
2-Fluorobiphenyl  
Concen: 0.397 ng  
RT: 12.858 min Scan# 1318  
Delta R.T. -0.005 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

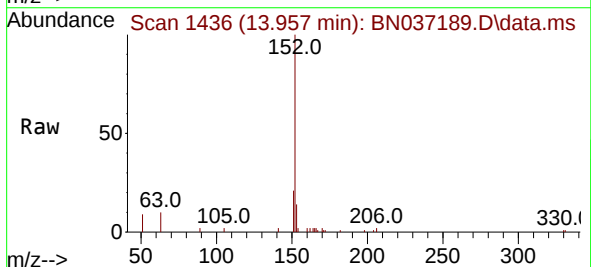
Instrument :  
BNA\_N  
ClientSampleId :



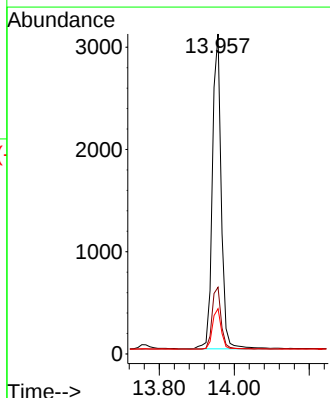
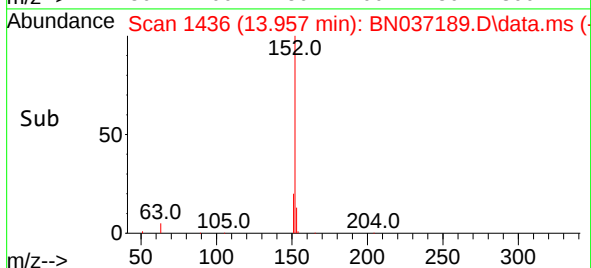
Tgt Ion:172 Resp: 4893  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.6 44.4  
170 25.2 20.3 30.5

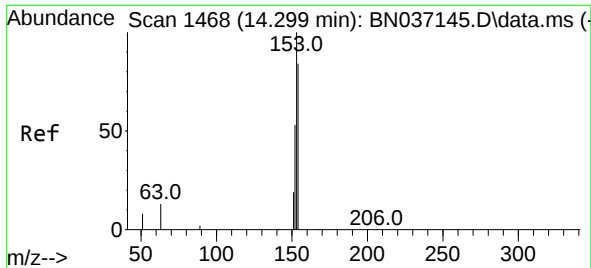


#16  
Acenaphthylene  
Concen: 0.356 ng  
RT: 13.957 min Scan# 1436  
Delta R.T. -0.000 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54



Tgt Ion:152 Resp: 5056  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.3 24.5  
153 12.9 10.6 15.8

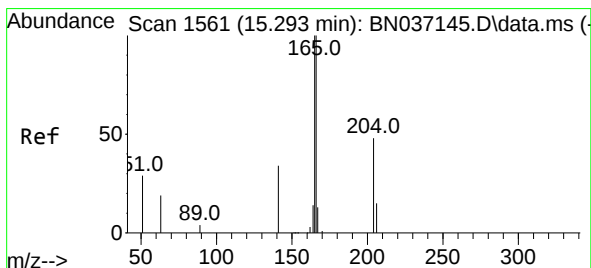
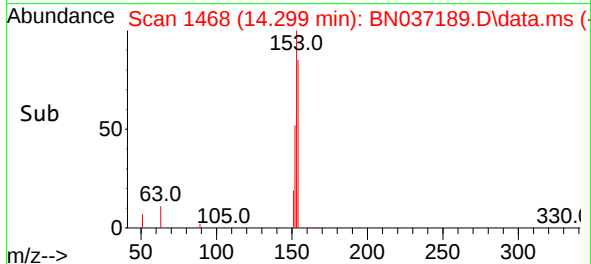
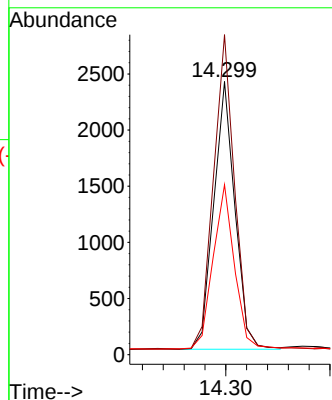
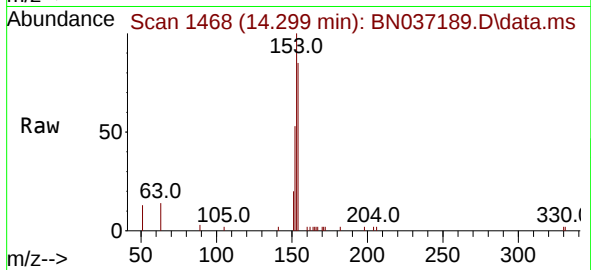




#17  
Acenaphthene  
Concen: 0.366 ng  
RT: 14.299 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

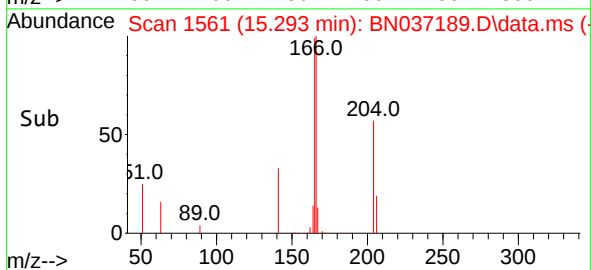
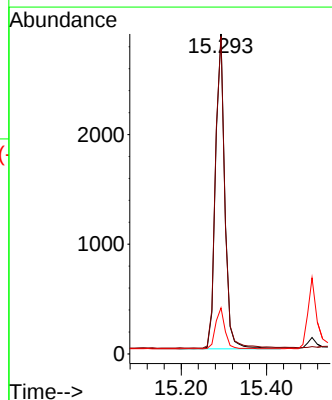
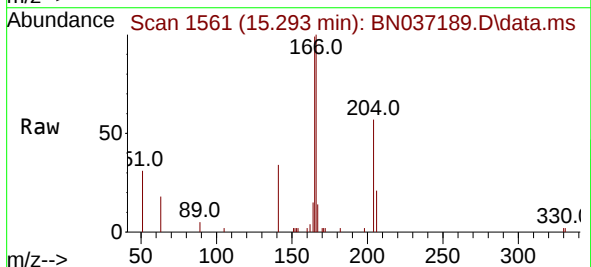
Instrument :  
BNA\_N  
ClientSampleId :

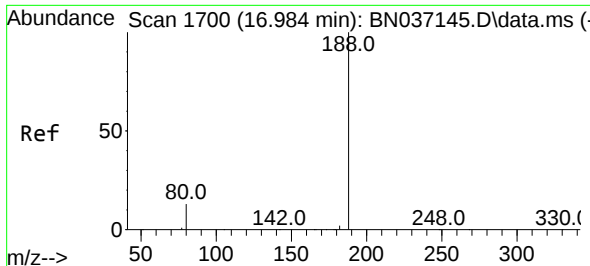
Tgt Ion:154 Resp: 3370  
Ion Ratio Lower Upper  
154 100  
153 117.2 93.8 140.8  
152 62.5 50.5 75.7



#18  
Fluorene  
Concen: 0.359 ng  
RT: 15.293 min Scan# 1561  
Delta R.T. -0.000 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

Tgt Ion:166 Resp: 4348  
Ion Ratio Lower Upper  
166 100  
165 99.8 81.1 121.7  
167 13.2 10.8 16.2

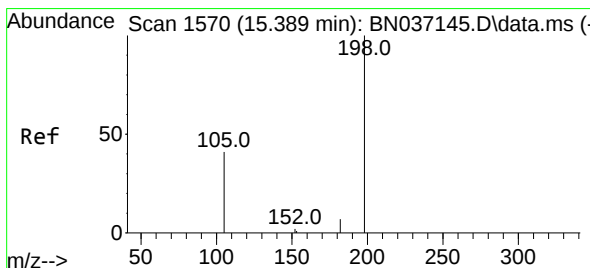
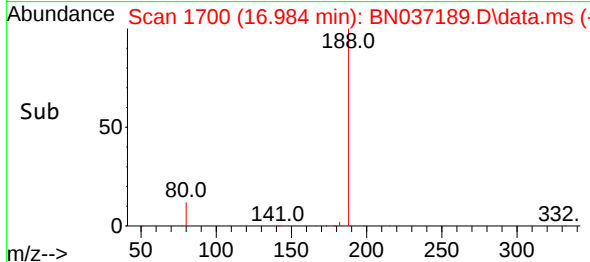
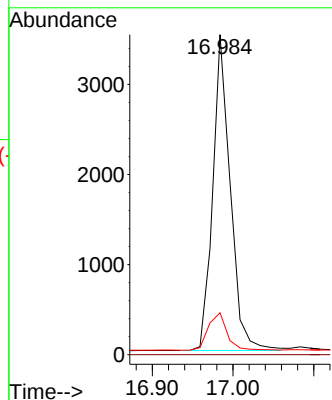
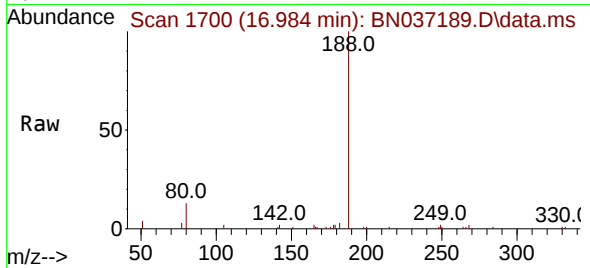




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.984 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

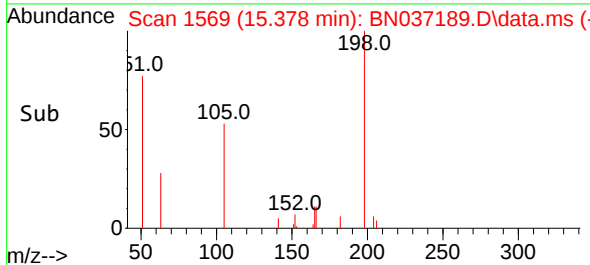
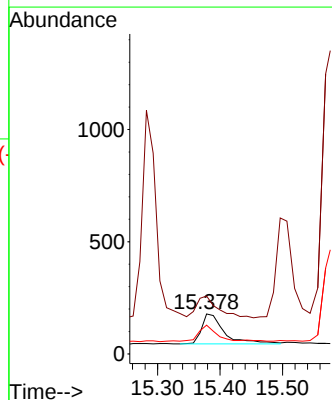
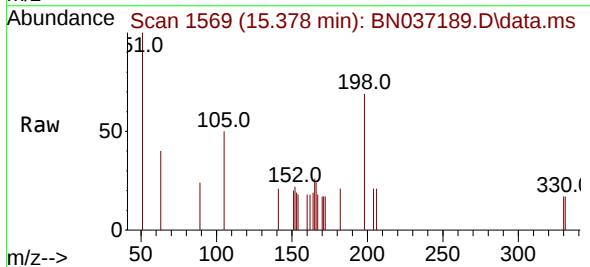
Instrument :  
BNA\_N  
ClientSampleId :

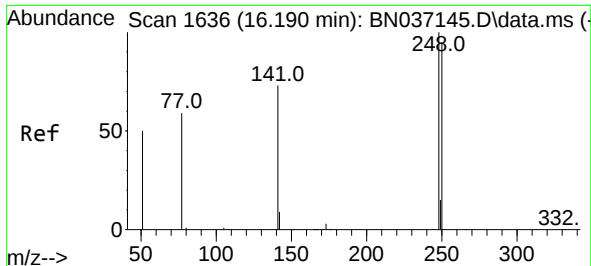
Tgt Ion:188 Resp: 5308  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.1 11.3 16.9



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.487 ng  
RT: 15.378 min Scan# 1569  
Delta R.T. -0.011 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

Tgt Ion:198 Resp: 331  
Ion Ratio Lower Upper  
198 100  
51 144.9 125.2 187.8  
105 71.9 57.1 85.7

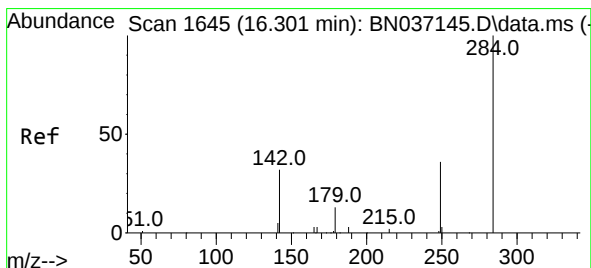
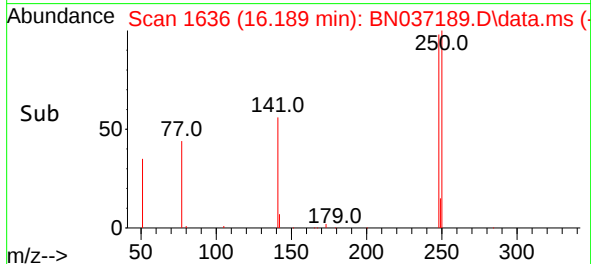
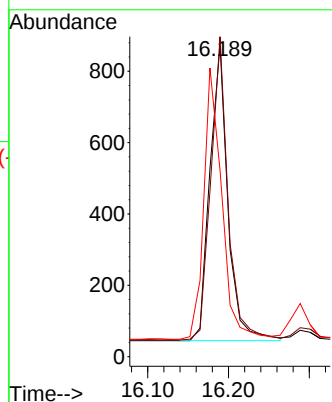
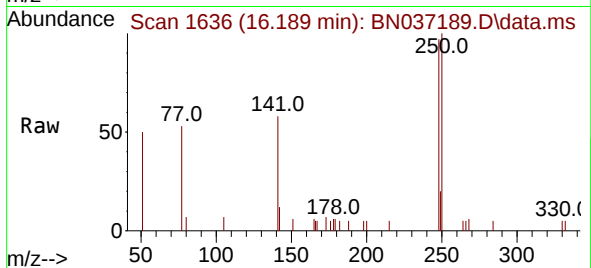




#21  
4-Bromophenyl-phenylether  
Concen: 0.369 ng  
RT: 16.189 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

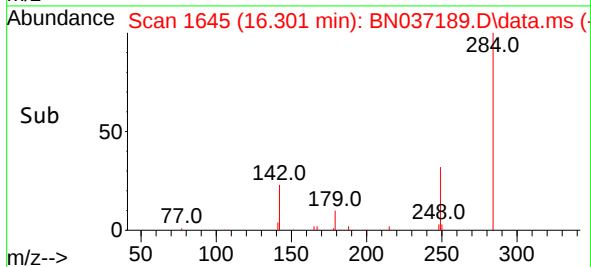
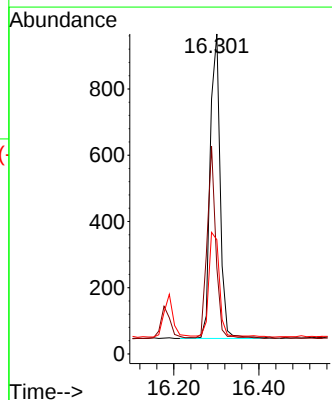
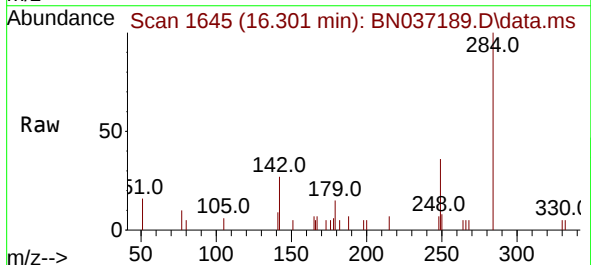
Instrument :  
BNA\_N  
ClientSampleId :

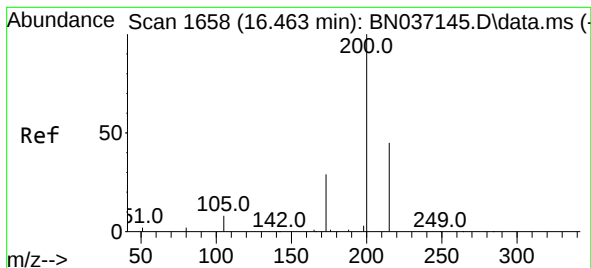
Tgt Ion:248 Resp: 1282  
Ion Ratio Lower Upper  
248 100  
250 102.6 76.1 114.1  
141 59.8 60.1 90.1#



#22  
Hexachlorobenzene  
Concen: 0.396 ng  
RT: 16.301 min Scan# 1645  
Delta R.T. -0.000 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

Tgt Ion:284 Resp: 1488  
Ion Ratio Lower Upper  
284 100  
142 55.6 44.0 66.0  
249 35.3 29.7 44.5





#23

Atrazine

Concen: 0.355 ng

RT: 16.463 min Scan# 1

Delta R.T. -0.000 min

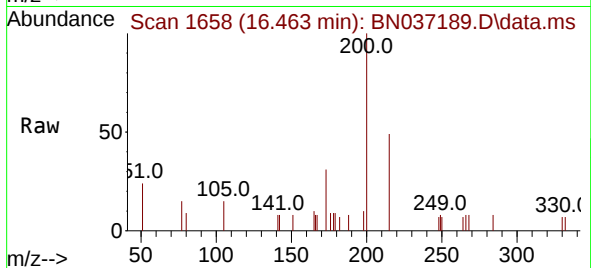
Lab File: BN037189.D

Acq: 09 Jun 2025 10:54

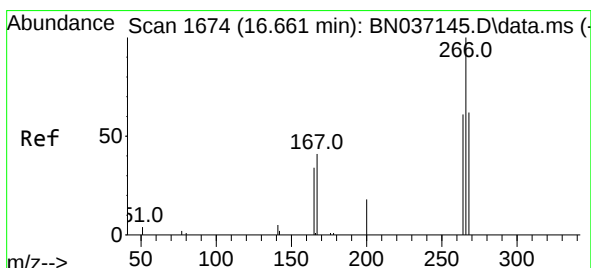
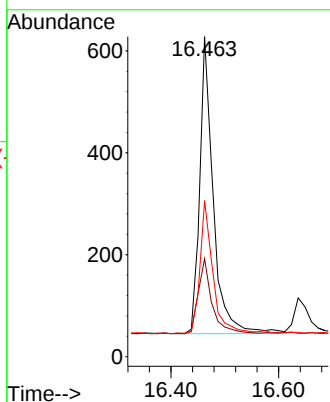
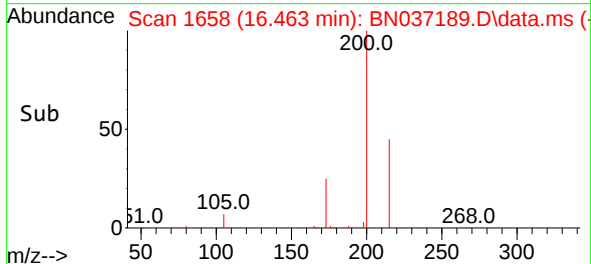
Instrument :

BNA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 200   | Resp: | 1020  |
| Ion      | Ratio | Lower | Upper |
| 200      | 100   |       |       |
| 173      | 30.6  | 28.1  | 42.1  |
| 215      | 48.7  | 39.3  | 58.9  |



#24

Pentachlorophenol

Concen: 0.502 ng

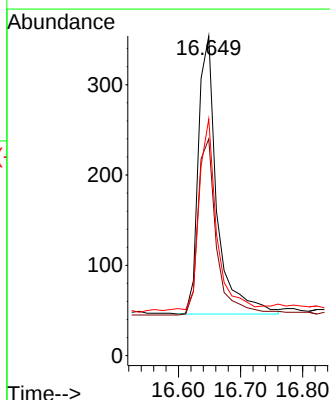
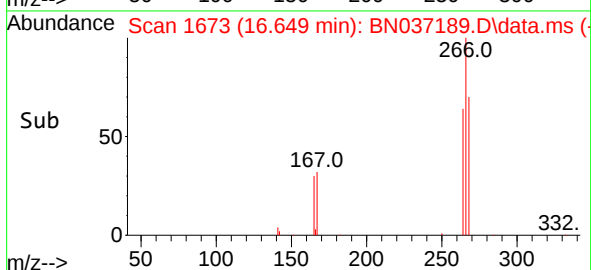
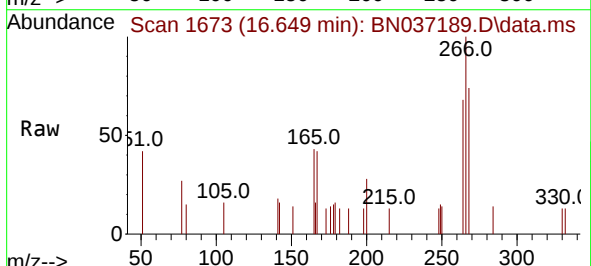
RT: 16.649 min Scan# 1673

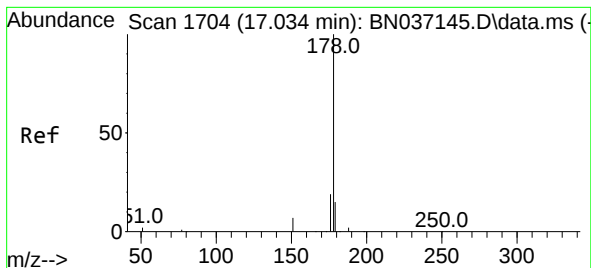
Delta R.T. -0.012 min

Lab File: BN037189.D

Acq: 09 Jun 2025 10:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 266   | Resp: | 645   |
| Ion      | Ratio | Lower | Upper |
| 266      | 100   |       |       |
| 264      | 64.5  | 49.3  | 73.9  |
| 268      | 68.5  | 49.0  | 73.4  |





#25

Phenanthrene

Concen: 0.364 ng

RT: 17.021 min Scan# 1703

Delta R.T. -0.012 min

Lab File: BN037189.D

Acq: 09 Jun 2025 10:54

Instrument :

BNA\_N

ClientSampleId :

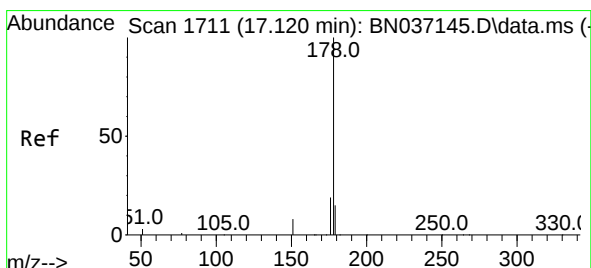
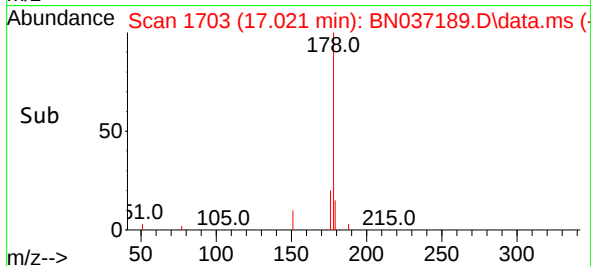
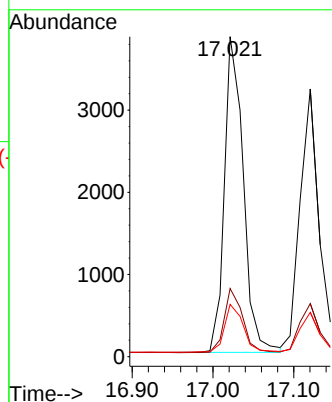
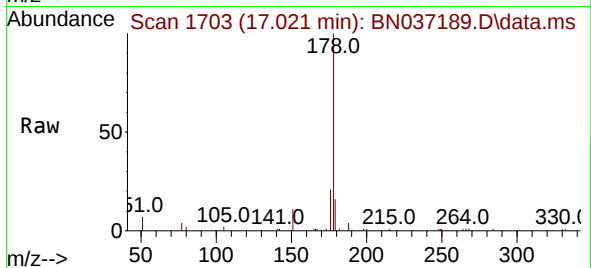
Tgt Ion:178 Resp: 6261

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 15.2 12.3 18.5



#26

Anthracene

Concen: 0.347 ng

RT: 17.120 min Scan# 1711

Delta R.T. -0.000 min

Lab File: BN037189.D

Acq: 09 Jun 2025 10:54

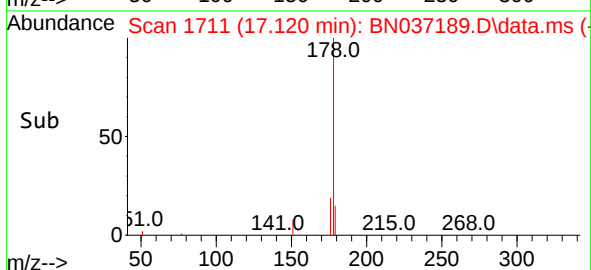
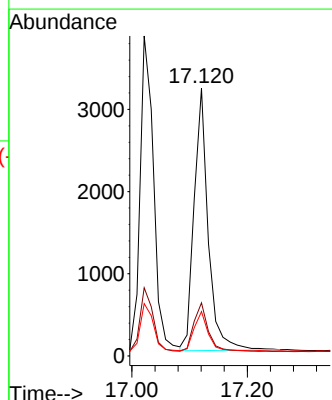
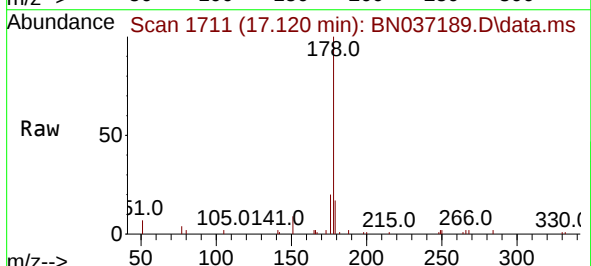
Tgt Ion:178 Resp: 5447

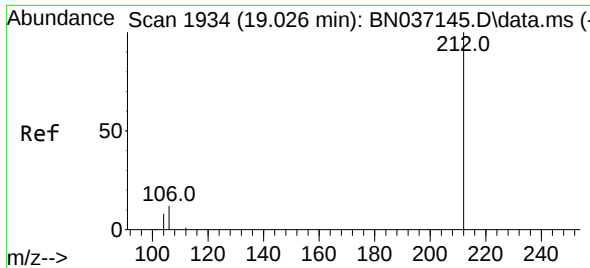
Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.1 12.9 19.3

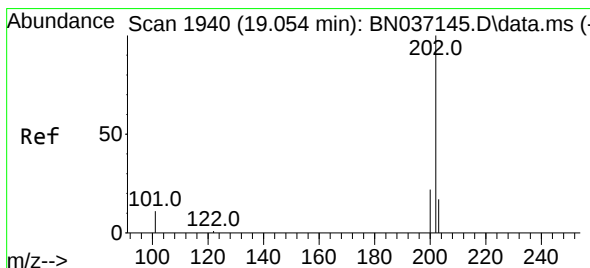
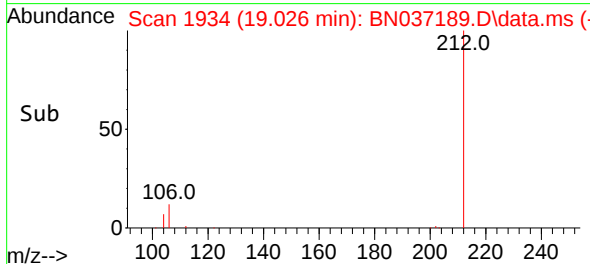
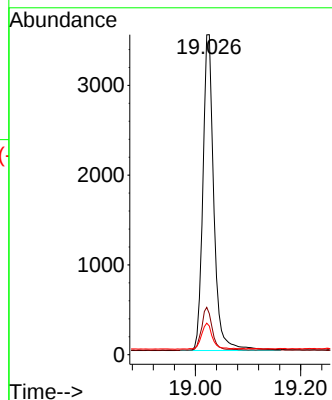
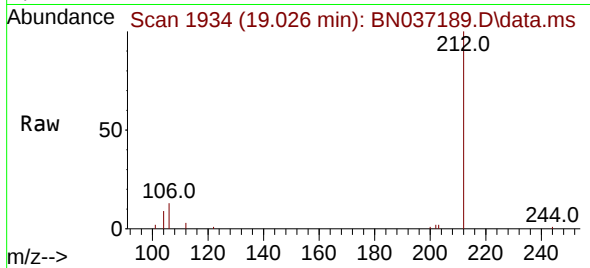




#27  
Fluoranthene-d10  
Concen: 0.378 ng  
RT: 19.026 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

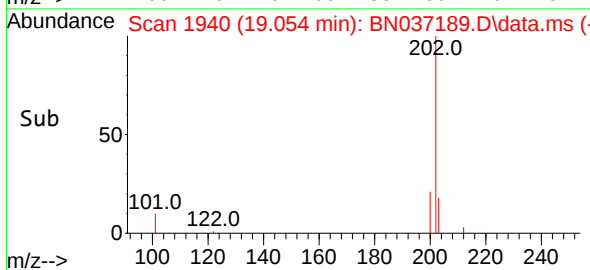
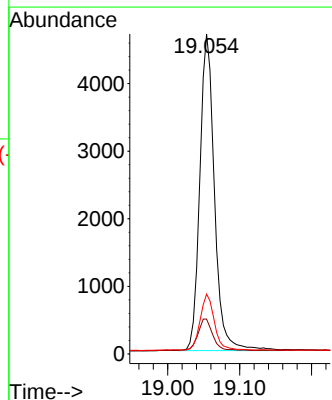
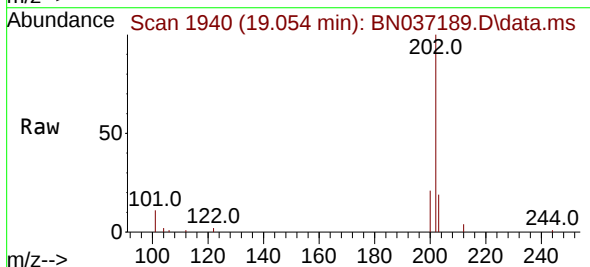
Instrument :  
BNA\_N  
ClientSampleId :

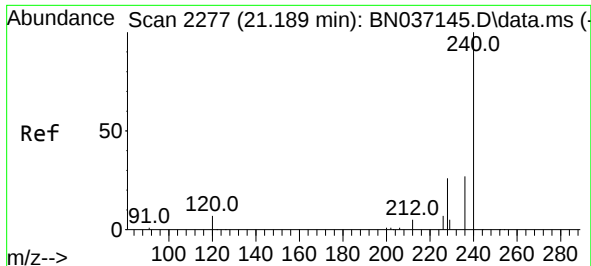
Tgt Ion:212 Resp: 5096  
Ion Ratio Lower Upper  
212 100  
106 13.2 10.6 15.8  
104 8.2 6.6 9.8



#28  
Fluoranthene  
Concen: 0.350 ng  
RT: 19.054 min Scan# 1940  
Delta R.T. -0.000 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

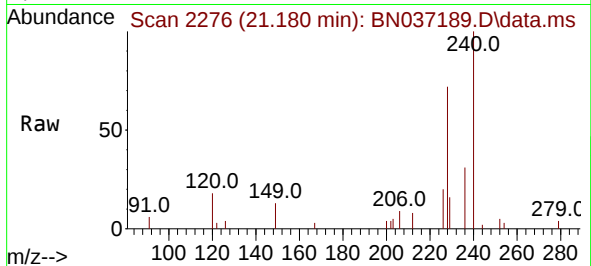
Tgt Ion:202 Resp: 6641  
Ion Ratio Lower Upper  
202 100  
101 10.2 8.7 13.1  
203 17.0 13.5 20.3



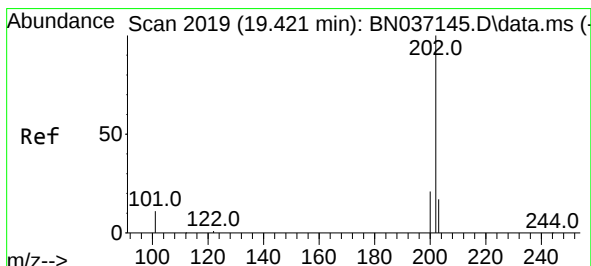
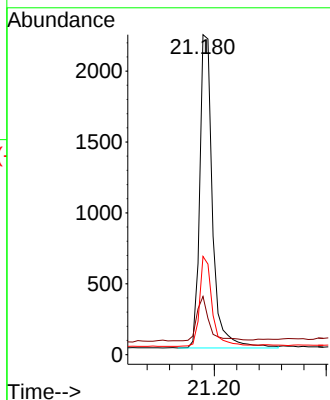
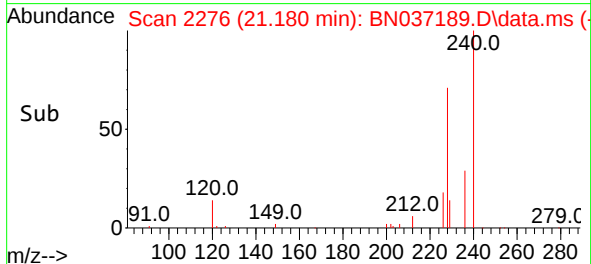


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.180 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

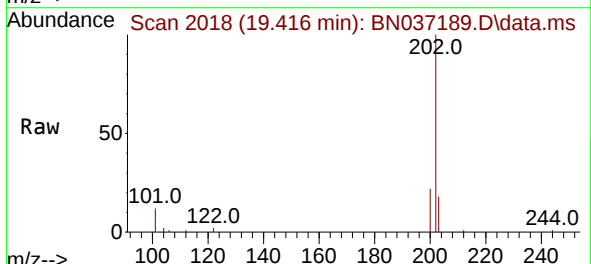
Instrument :  
BNA\_N  
ClientSampleId :



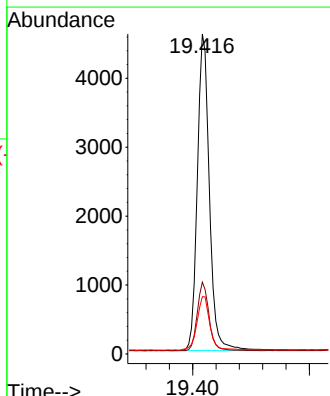
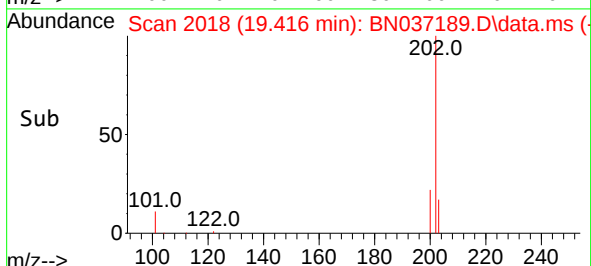
Tgt Ion:240 Resp: 3516  
Ion Ratio Lower Upper  
240 100  
120 18.2 9.0 13.4#  
236 30.7 23.0 34.4

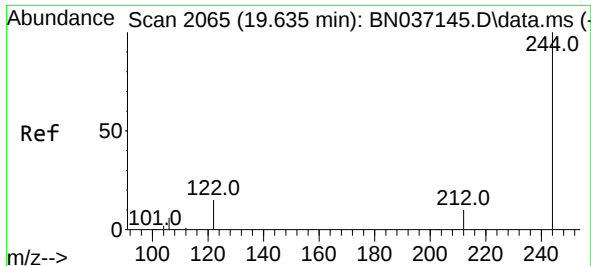


#30  
Pyrene  
Concen: 0.384 ng  
RT: 19.416 min Scan# 2018  
Delta R.T. -0.005 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54



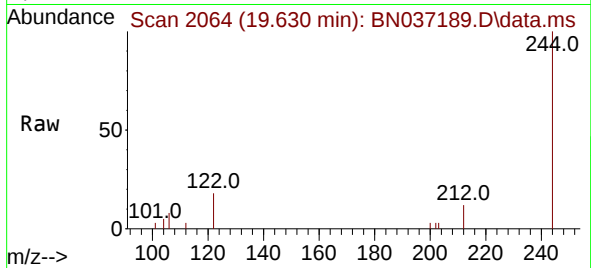
Tgt Ion:202 Resp: 6586  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.6  
203 17.8 14.2 21.4



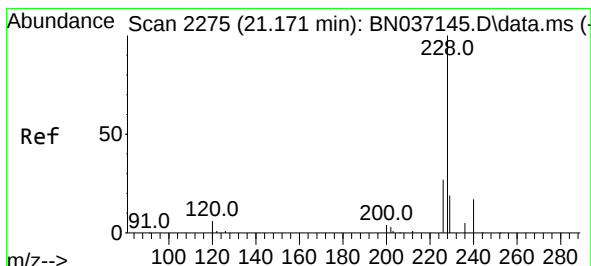
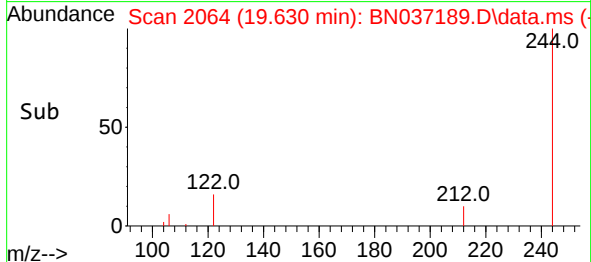
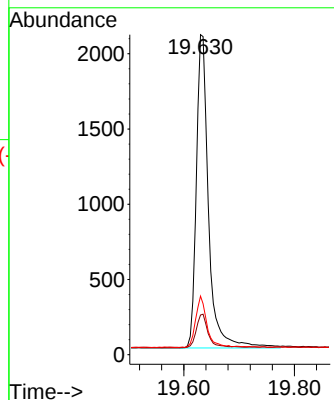


#31  
 Terphenyl-d14  
 Concen: 0.386 ng  
 RT: 19.630 min Scan# 2064  
 Delta R.T. -0.005 min  
 Lab File: BN037189.D  
 Acq: 09 Jun 2025 10:54

Instrument :  
 BNA\_N  
 ClientSampleId :

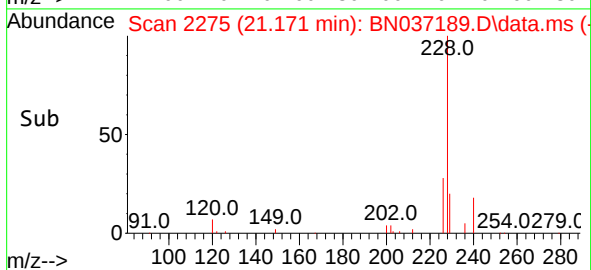
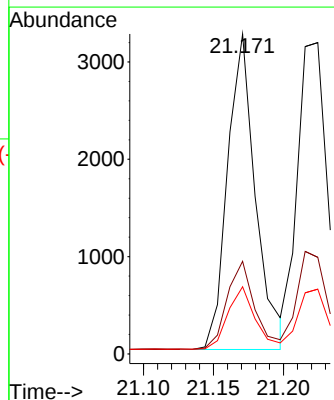
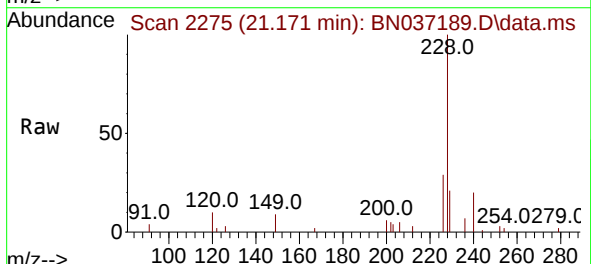


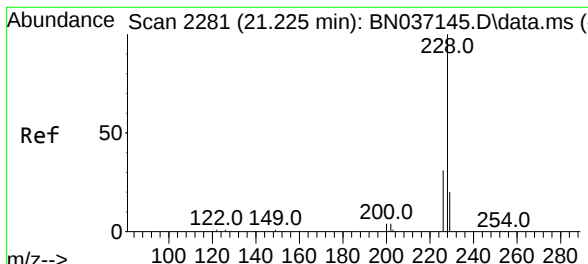
Tgt Ion:244 Resp: 3196  
 Ion Ratio Lower Upper  
 244 100  
 212 12.4 10.0 15.0  
 122 18.3 13.2 19.8



#32  
 Benzo(a)anthracene  
 Concen: 0.354 ng  
 RT: 21.171 min Scan# 2275  
 Delta R.T. -0.000 min  
 Lab File: BN037189.D  
 Acq: 09 Jun 2025 10:54

Tgt Ion:228 Resp: 4507  
 Ion Ratio Lower Upper  
 228 100  
 226 28.9 22.6 33.8  
 229 21.0 16.2 24.2



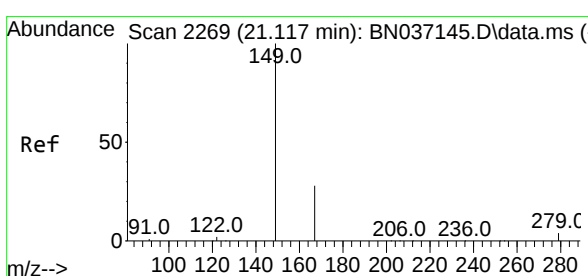
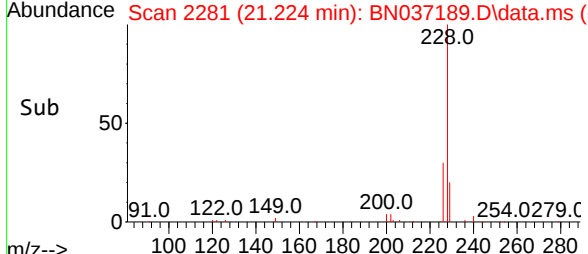
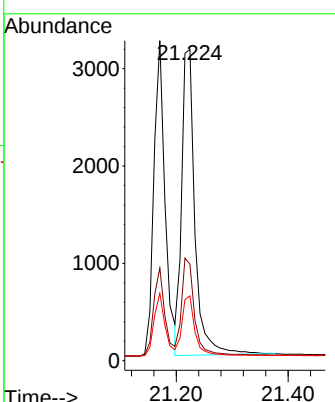
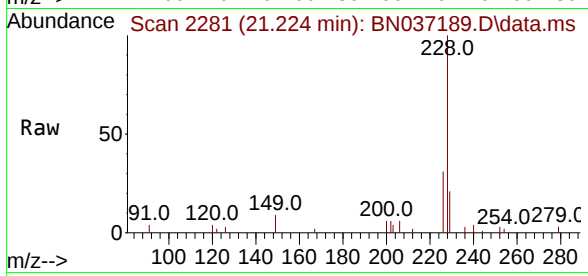


#33  
 Chrysene  
 Concen: 0.366 ng  
 RT: 21.224 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN037189.D  
 Acq: 09 Jun 2025 10:54

Instrument :  
 BNA\_N  
 ClientSampleId :

Tgt Ion:228 Resp: 5182

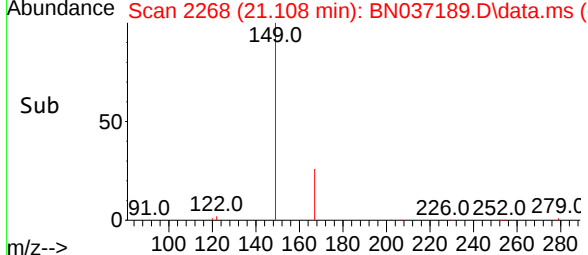
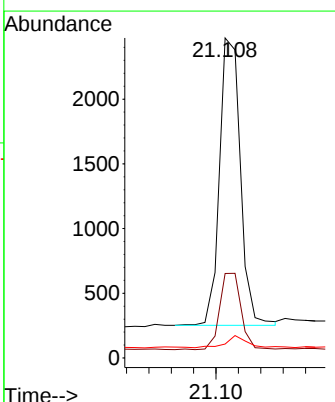
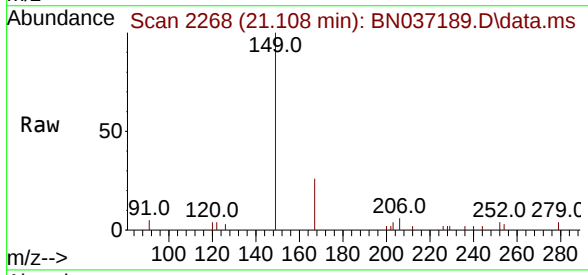
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.0  | 25.2  | 37.8  |
| 229 | 20.8  | 16.8  | 25.2  |

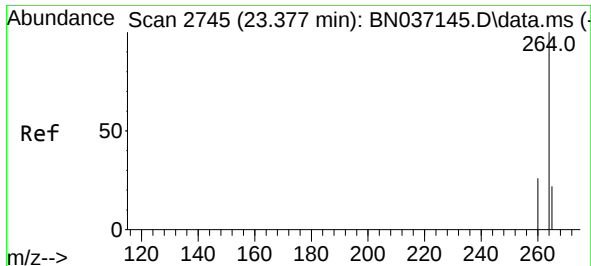


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.359 ng  
 RT: 21.108 min Scan# 2268  
 Delta R.T. -0.009 min  
 Lab File: BN037189.D  
 Acq: 09 Jun 2025 10:54

Tgt Ion:149 Resp: 2880

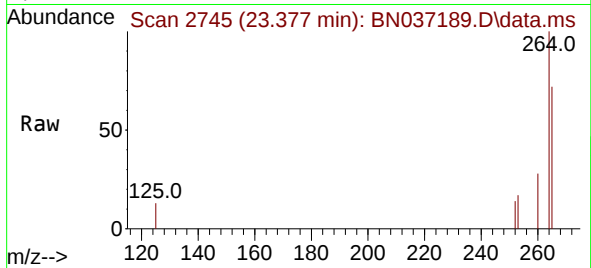
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.2  | 21.0  | 31.4  |
| 279 | 4.4   | 2.9   | 4.3   |





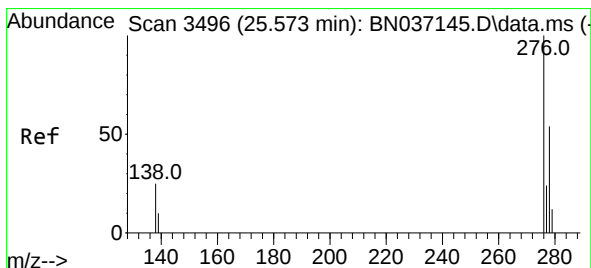
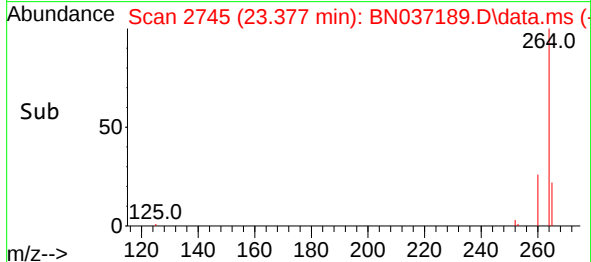
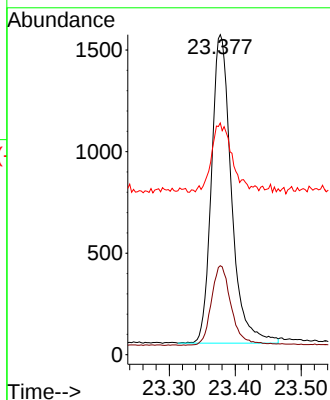
#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.377 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:264 Resp: 3185  

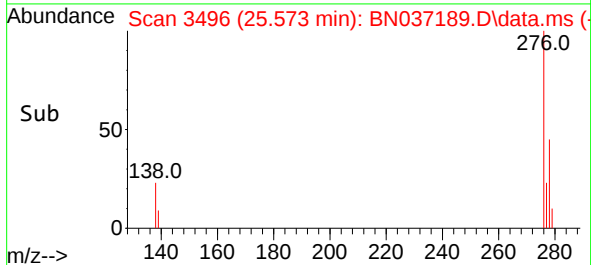
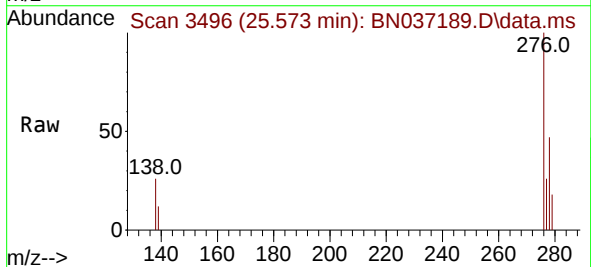
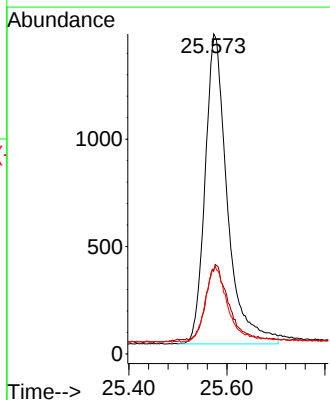
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.8  | 22.1  | 33.1  |
| 265 | 72.4  | 55.8  | 83.8  |

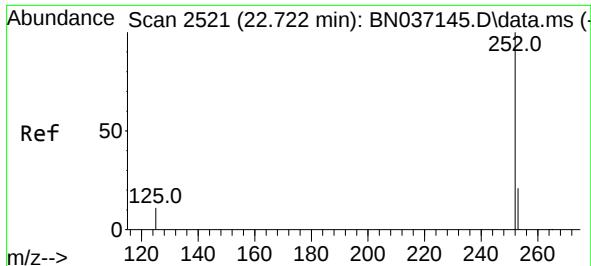


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.359 ng  
RT: 25.573 min Scan# 3496  
Delta R.T. -0.000 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

Tgt Ion:276 Resp: 4552  

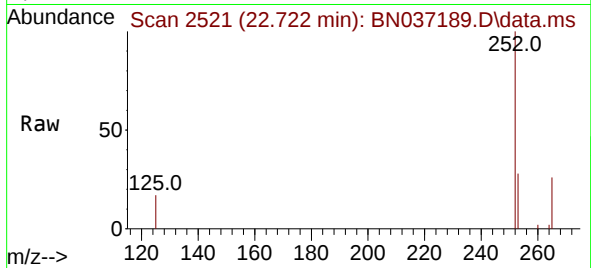
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 24.2  | 21.0  | 31.6  |
| 277 | 24.5  | 19.4  | 29.2  |



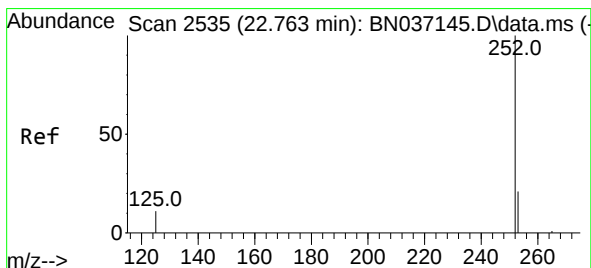
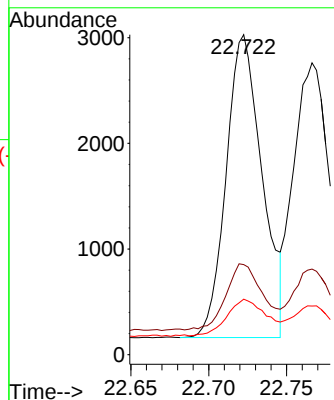


#37  
Benzo(b)fluoranthene  
Concen: 0.358 ng  
RT: 22.722 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

Instrument :  
BNA\_N  
ClientSampleId :

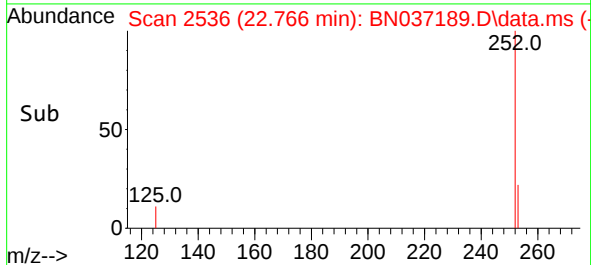
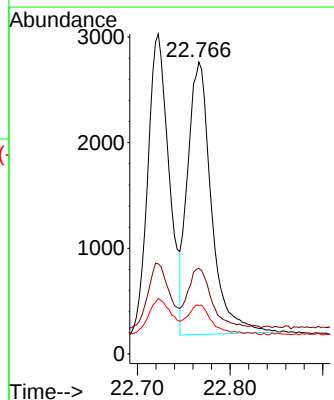
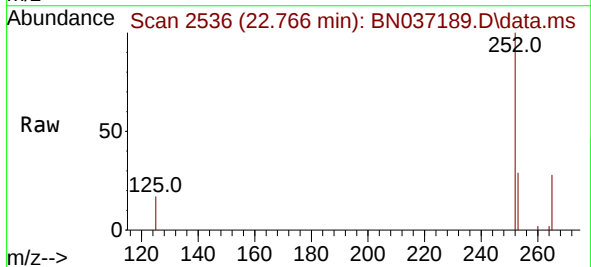


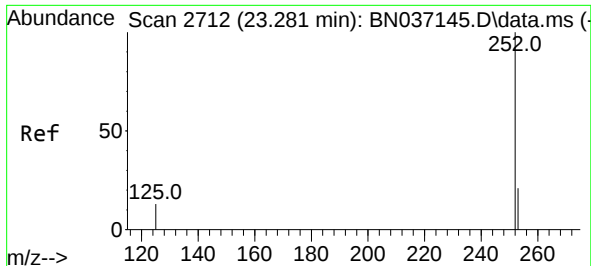
Tgt Ion:252 Resp: 4604  
Ion Ratio Lower Upper  
252 100  
253 28.2 22.3 33.5  
125 17.4 13.2 19.8



#38  
Benzo(k)fluoranthene  
Concen: 0.349 ng  
RT: 22.766 min Scan# 2536  
Delta R.T. 0.003 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

Tgt Ion:252 Resp: 4587  
Ion Ratio Lower Upper  
252 100  
253 29.3 22.2 33.4  
125 16.6 13.2 19.8





#39

Benzo(a)pyrene

Concen: 0.353 ng

RT: 23.284 min Scan# 21

Delta R.T. 0.003 min

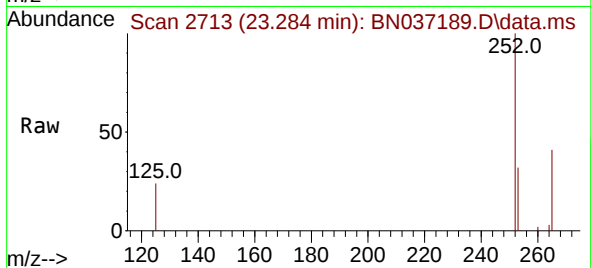
Lab File: BN037189.D

Acq: 09 Jun 2025 10:54

Instrument :

BNA\_N

ClientSampleId :



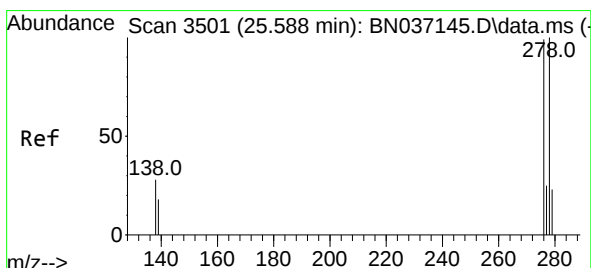
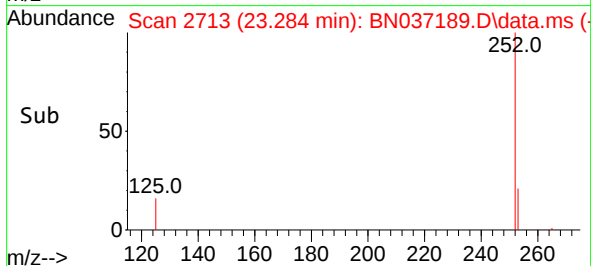
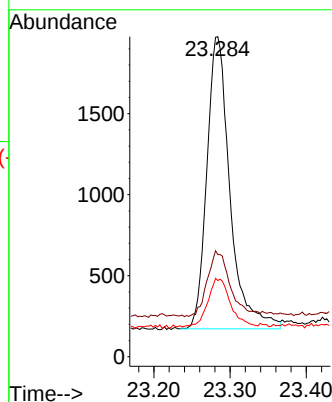
Tgt Ion:252 Resp: 3801

Ion Ratio Lower Upper

252 100

253 31.9 25.0 37.4

125 23.8 17.0 25.6



#40

Dibenzo(a,h)anthracene

Concen: 0.352 ng

RT: 25.591 min Scan# 3502

Delta R.T. 0.003 min

Lab File: BN037189.D

Acq: 09 Jun 2025 10:54

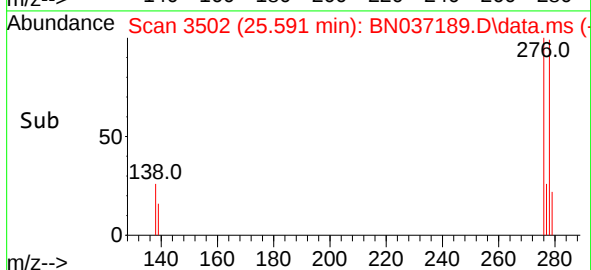
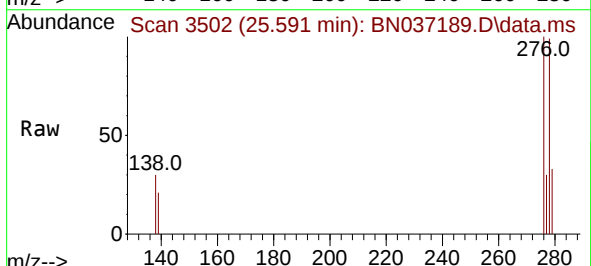
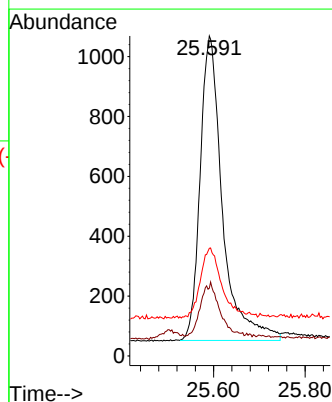
Tgt Ion:278 Resp: 3442

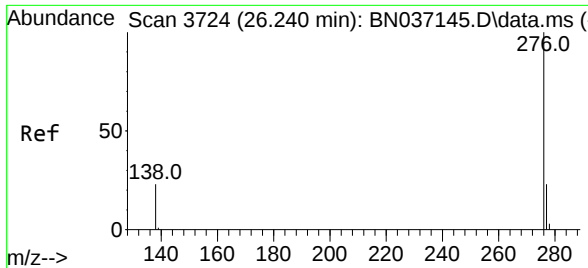
Ion Ratio Lower Upper

278 100

139 21.1 17.6 26.4

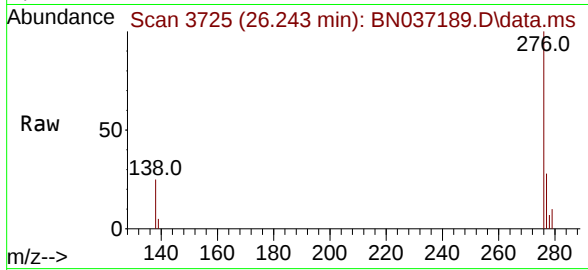
279 33.7 26.0 39.0





#41  
Benzo(g,h,i)perylene  
Concen: 0.371 ng  
RT: 26.243 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: BN037189.D  
Acq: 09 Jun 2025 10:54

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:276 Resp: 4160  
Ion Ratio Lower Upper  
276 100  
277 27.6 20.9 31.3  
138 25.5 20.8 31.2

