

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052725\  
 Data File : BN037098.D  
 Acq On : 27 May 2025 21:48  
 Operator : RC/JU  
 Sample : PB168100BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168100BS

Quant Time: May 28 14:46:38 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 14 11:26:32 2025  
 Response via : Initial Calibration

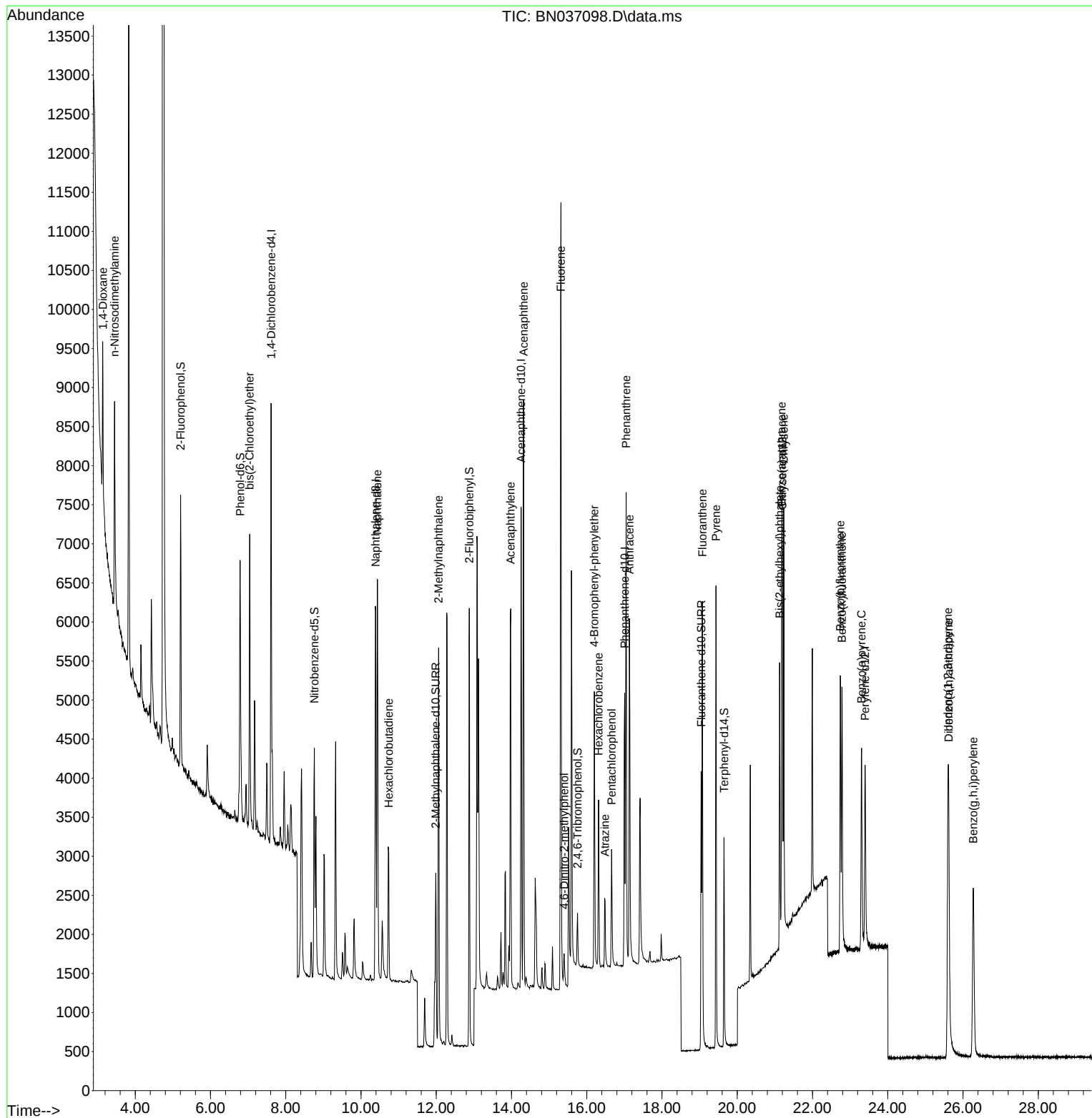
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.611  | 152  | 2580     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.394 | 136  | 6489     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.256 | 164  | 3221     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.009 | 188  | 5206     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.197 | 240  | 3236     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.398 | 264  | 3259     | 0.400 | ng    | #-0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.206  | 112  | 2334     | 0.345 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.788  | 99   | 2704     | 0.320 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.760  | 82   | 2364     | 0.335 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.986 | 152  | 4600     | 0.504 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 369      | 0.261 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.878 | 172  | 4954     | 0.336 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.040 | 212  | 4032     | 0.282 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.649 | 244  | 2738     | 0.396 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.140  | 88   | 885      | 0.280 | ng    | # 35     |
| 3) n-Nitrosodimethylamine     | 3.451  | 42   | 2275     | 0.334 | ng    | # 92     |
| 6) bis(2-Chloroethyl)ether    | 7.040  | 93   | 2549     | 0.327 | ng    | 97       |
| 9) Naphthalene                | 10.436 | 128  | 6415     | 0.335 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.735 | 225  | 1406     | 0.349 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.062 | 142  | 3667     | 0.297 | ng    | 99       |
| 16) Acenaphthylene            | 13.978 | 152  | 5771     | 0.368 | ng    | 100      |
| 17) Acenaphthene              | 14.320 | 154  | 3450     | 0.337 | ng    | 100      |
| 18) Fluorene                  | 15.314 | 166  | 4278     | 0.318 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.400 | 198  | 363      | 0.365 | ng    | 94       |
| 21) 4-Bromophenyl-phenylether | 16.202 | 248  | 1220     | 0.371 | ng    | # 88     |
| 22) Hexachlorobenzene         | 16.313 | 284  | 1345     | 0.382 | ng    | 98       |
| 23) Atrazine                  | 16.487 | 200  | 947      | 0.330 | ng    | 98       |
| 24) Pentachlorophenol         | 16.661 | 266  | 783      | 0.404 | ng    | 99       |
| 25) Phenanthrene              | 17.046 | 178  | 5914     | 0.348 | ng    | 100      |
| 26) Anthracene                | 17.133 | 178  | 5423     | 0.350 | ng    | 99       |
| 28) Fluoranthene              | 19.073 | 202  | 5521     | 0.272 | ng    | 99       |
| 30) Pyrene                    | 19.435 | 202  | 5406     | 0.391 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.180 | 228  | 4363     | 0.358 | ng    | 97       |
| 33) Chrysene                  | 21.233 | 228  | 4622     | 0.359 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.126 | 149  | 2365     | 0.315 | ng    | 95       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.602 | 276  | 5179     | 0.389 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.740 | 252  | 4417     | 0.327 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 22.784 | 252  | 4506     | 0.338 | ng    | 93       |
| 39) Benzo(a)pyrene            | 23.304 | 252  | 4042     | 0.352 | ng    | # 91     |
| 40) Dibenzo(a,h)anthracene    | 25.620 | 278  | 3940     | 0.380 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.272 | 276  | 4478     | 0.398 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

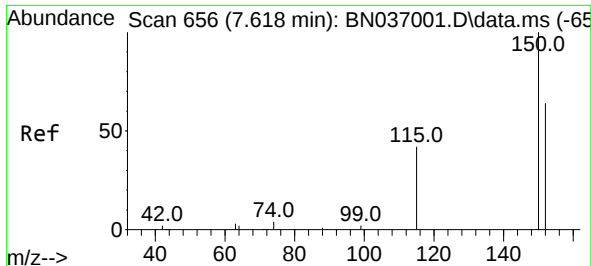
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052725\  
Data File : BN037098.D  
Acq On : 27 May 2025 21:48  
Operator : RC/JU  
Sample : PB168100BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB168100BS

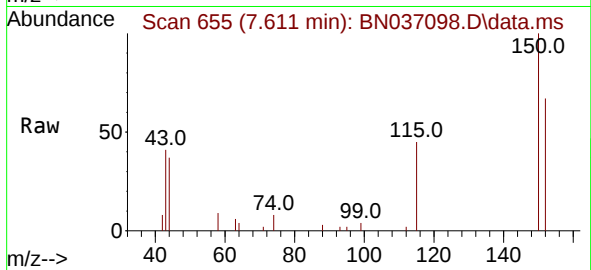
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 14 11:26:32 2025  
Response via : Initial Calibration



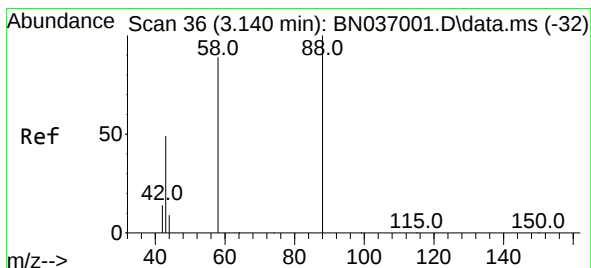
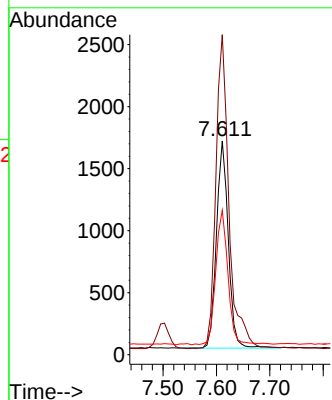
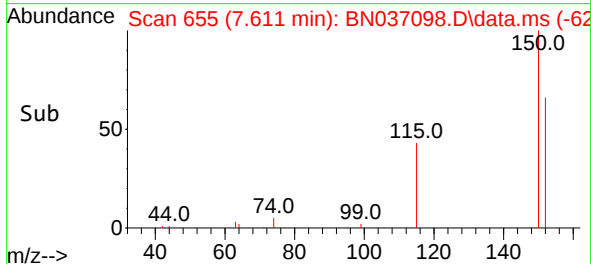


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.611 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN037098.D  
 Acq: 27 May 2025 21:48

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168100BS

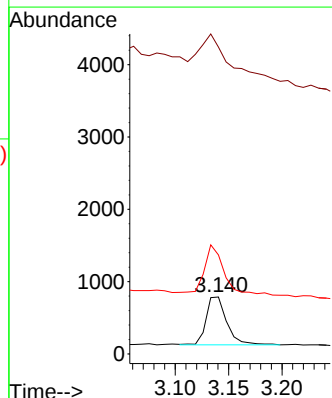
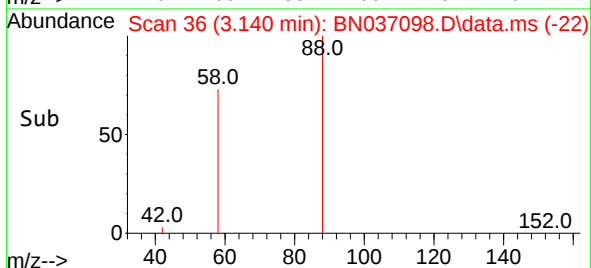
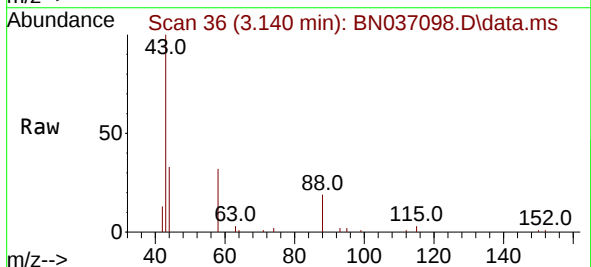


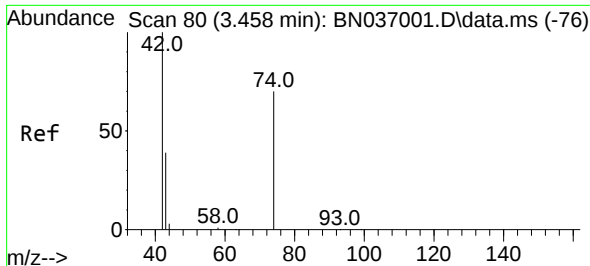
Tgt Ion:152 Resp: 2580  
 Ion Ratio Lower Upper  
 152 100  
 150 149.7 123.9 185.9  
 115 67.6 55.8 83.8



#2  
 1,4-Dioxane  
 Concen: 0.280 ng  
 RT: 3.140 min Scan# 36  
 Delta R.T. 0.000 min  
 Lab File: BN037098.D  
 Acq: 27 May 2025 21:48

Tgt Ion: 88 Resp: 885  
 Ion Ratio Lower Upper  
 88 100  
 43 147.1 37.4 56.0#  
 58 103.6 68.8 103.2#

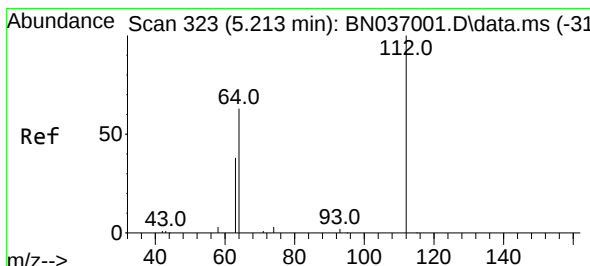
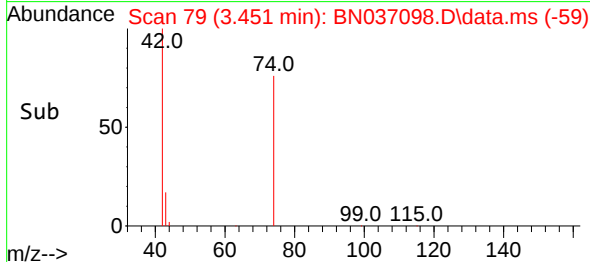
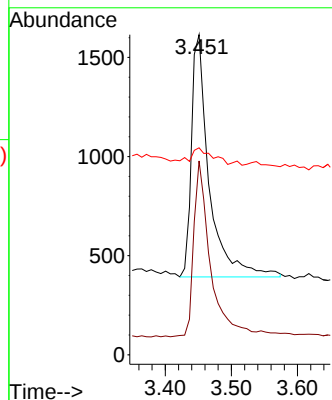
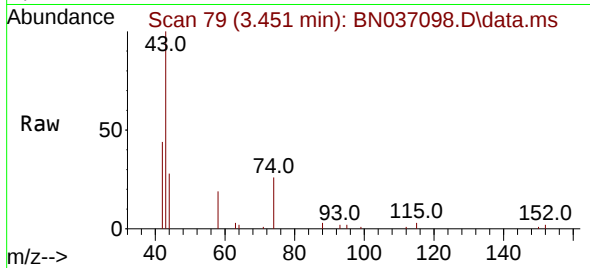




#3  
n-Nitrosodimethylamine  
Concen: 0.334 ng  
RT: 3.451 min Scan# 79  
Delta R.T. -0.007 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

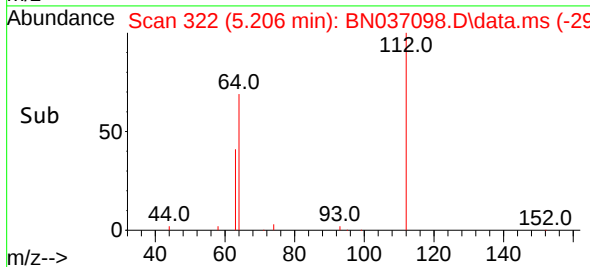
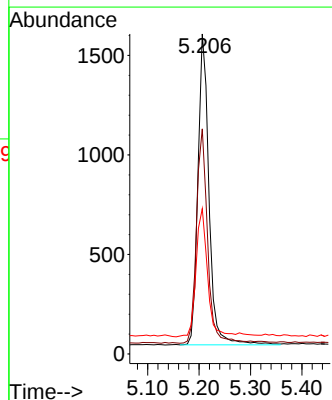
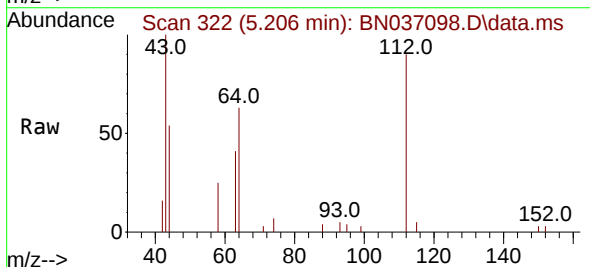
Instrument :  
BNA\_N  
ClientSampleId :  
PB168100BS

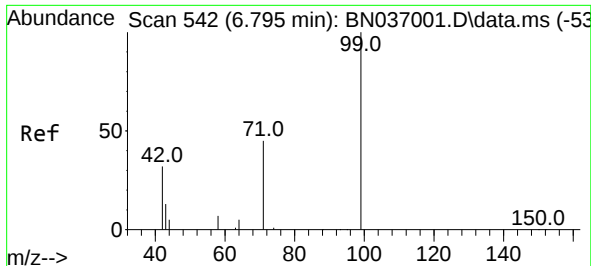
Tgt Ion: 42 Resp: 2275  
Ion Ratio Lower Upper  
42 100  
74 70.0 59.8 89.6  
44 7.0 11.9 17.9#



#4  
2-Fluorophenol  
Concen: 0.345 ng  
RT: 5.206 min Scan# 322  
Delta R.T. -0.007 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

Tgt Ion: 112 Resp: 2334  
Ion Ratio Lower Upper  
112 100  
64 68.9 55.7 83.5  
63 42.7 34.6 51.8

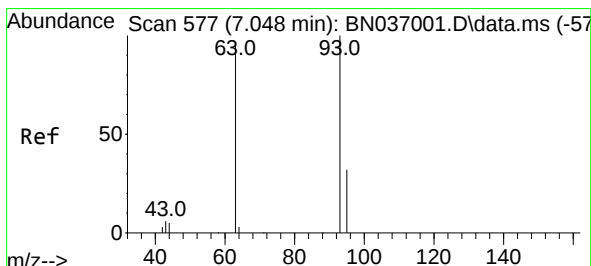
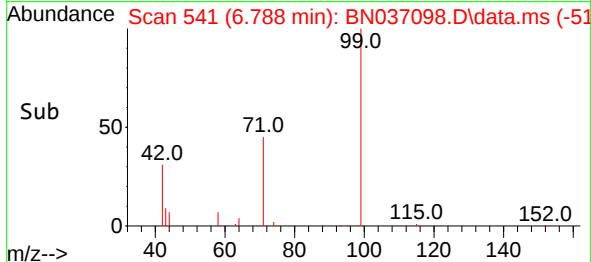
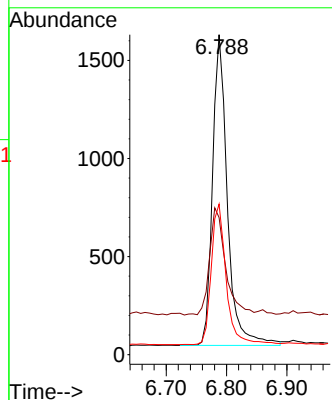
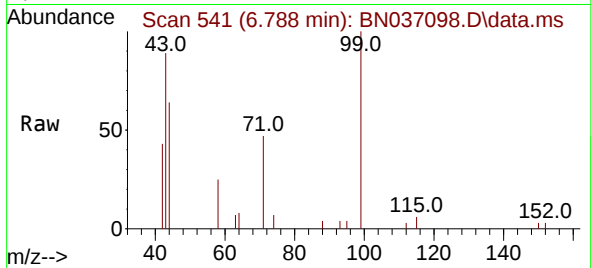




#5  
Phenol-d6  
Concen: 0.320 ng  
RT: 6.788 min Scan# 541  
Delta R.T. -0.007 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

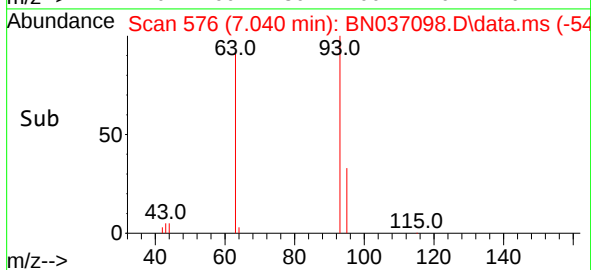
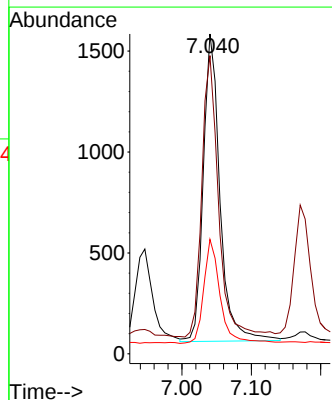
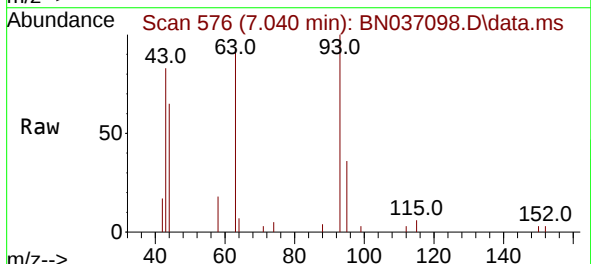
Instrument :  
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ClientSampleId :  
PB168100BS

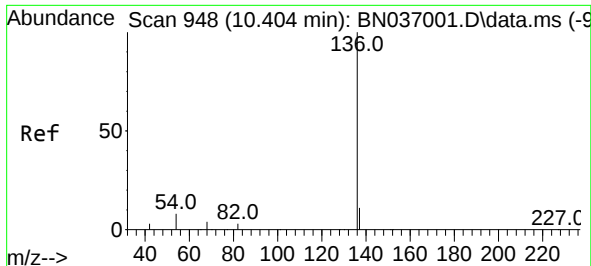
Tgt Ion: 99 Resp: 2704  
Ion Ratio Lower Upper  
99 100  
42 35.9 29.3 43.9  
71 45.7 35.7 53.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.327 ng  
RT: 7.040 min Scan# 576  
Delta R.T. -0.007 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

Tgt Ion: 93 Resp: 2549  
Ion Ratio Lower Upper  
93 100  
63 90.9 70.1 105.1  
95 33.3 26.2 39.2

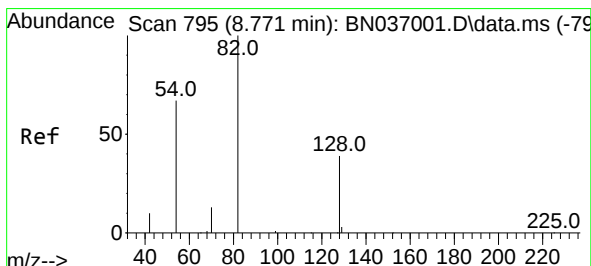
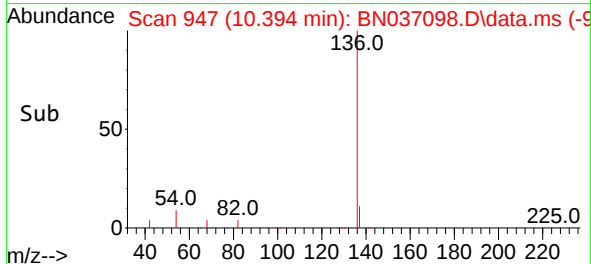
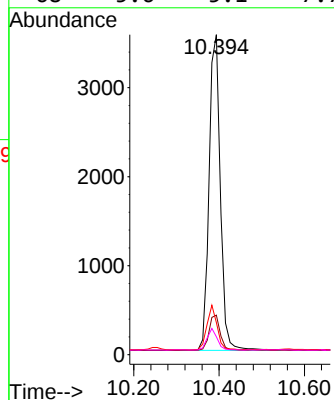
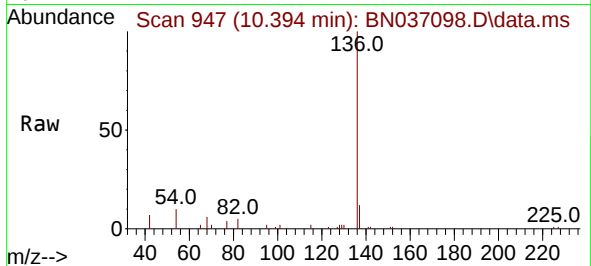




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.394 min Scan# 948  
Delta R.T. -0.011 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

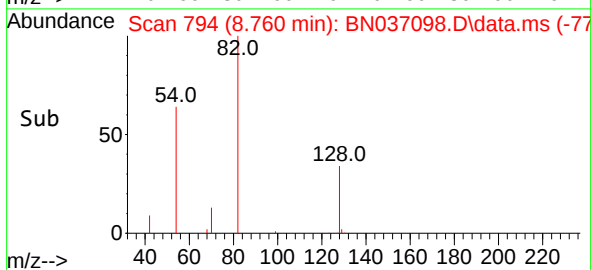
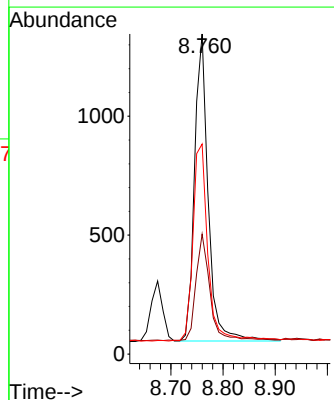
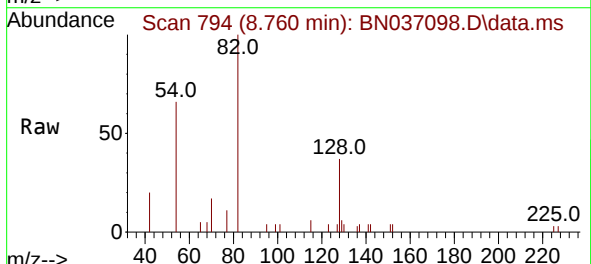
Instrument :  
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PB168100BS

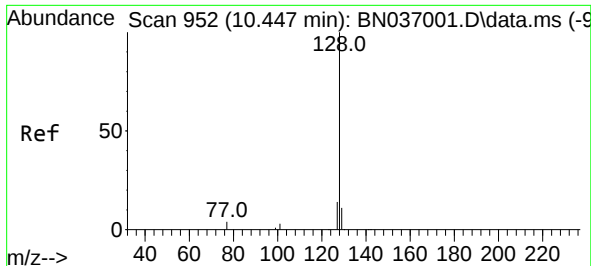
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|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 6489 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 12.3  | 10.4  | 15.6 |
| 54        | 10.1  | 8.5   | 12.7 |
| 68        | 5.6   | 5.1   | 7.7  |



#8  
Nitrobenzene-d5  
Concen: 0.335 ng  
RT: 8.760 min Scan# 794  
Delta R.T. -0.011 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2364 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 37.4  | 34.0  | 51.0 |
| 54        | 65.6  | 55.0  | 82.4 |

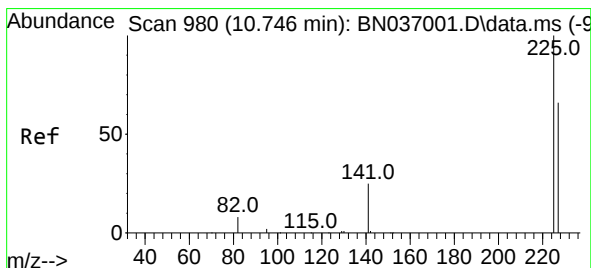
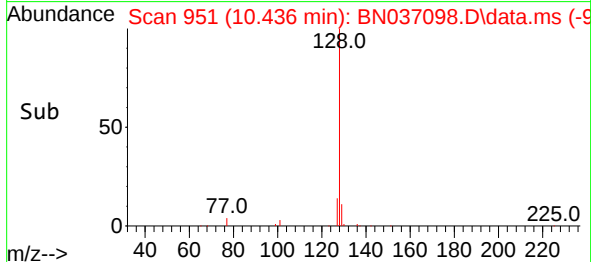
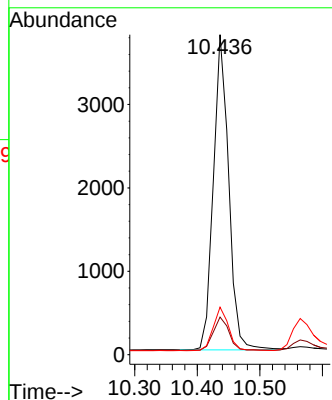
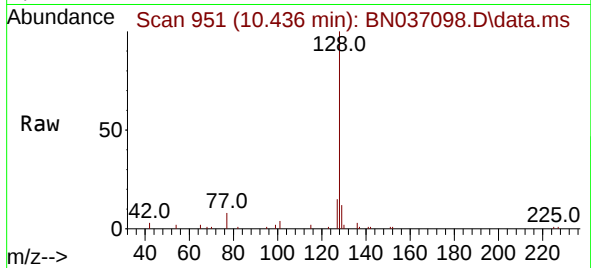




#9  
Naphthalene  
Concen: 0.335 ng  
RT: 10.436 min Scan# 911  
Delta R.T. -0.011 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

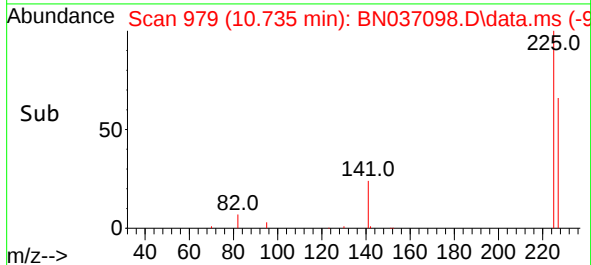
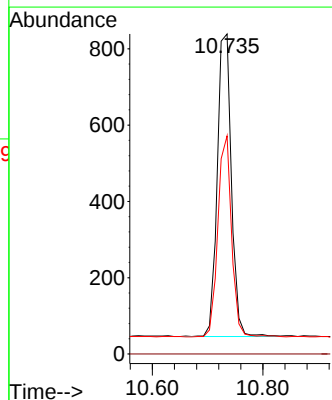
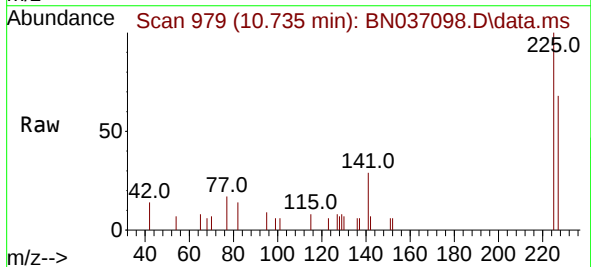
Instrument :  
BNA\_N  
ClientSampleId :  
PB168100BS

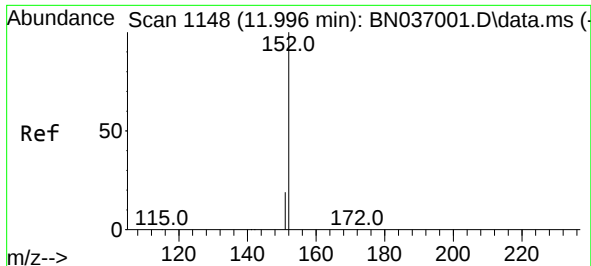
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Ion Ratio Lower Upper  
128 100  
129 11.8 9.7 14.5  
127 14.8 12.4 18.6



#10  
Hexachlorobutadiene  
Concen: 0.349 ng  
RT: 10.735 min Scan# 979  
Delta R.T. -0.011 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

Tgt Ion:225 Resp: 1406  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.4 50.9 76.3

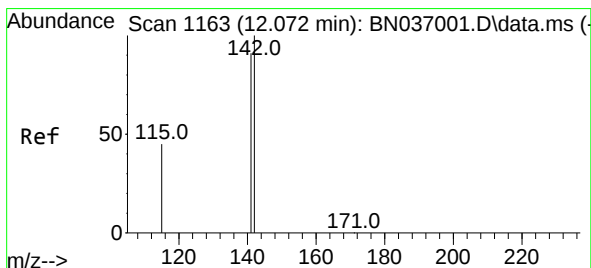
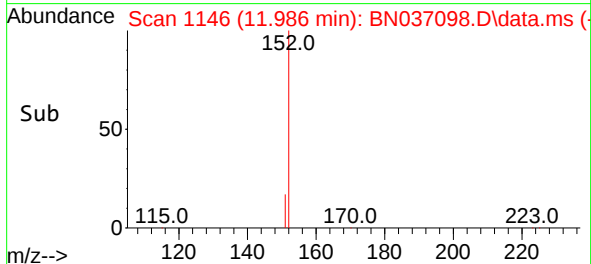
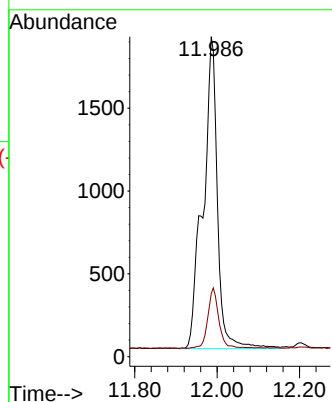
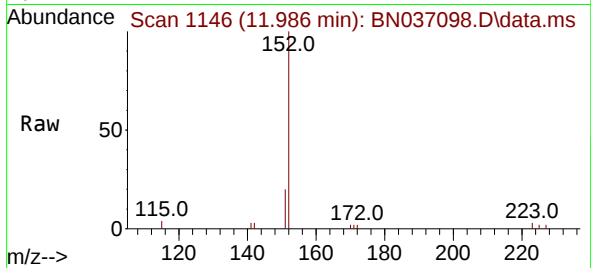




#11  
2-Methylnaphthalene-d10  
Concen: 0.504 ng  
RT: 11.986 min Scan# 1146  
Delta R.T. -0.010 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

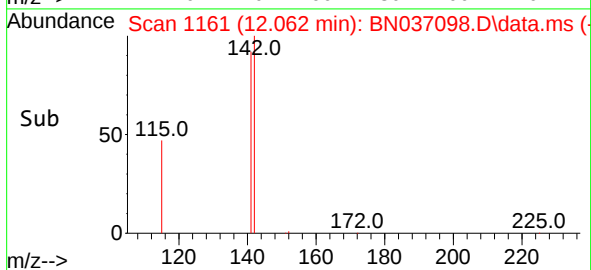
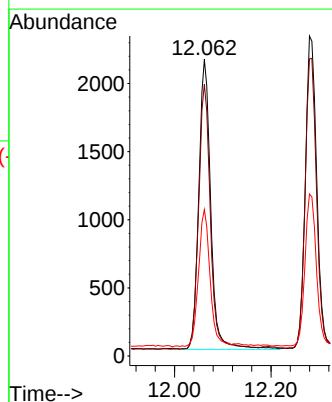
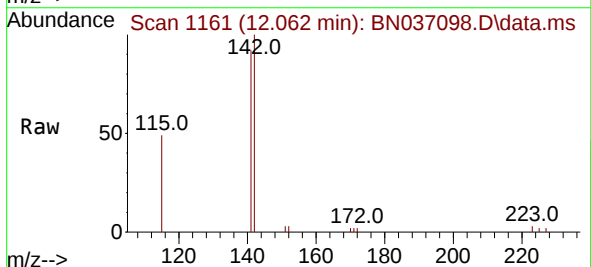
Instrument :  
BNA\_N  
ClientSampleId :  
PB168100BS

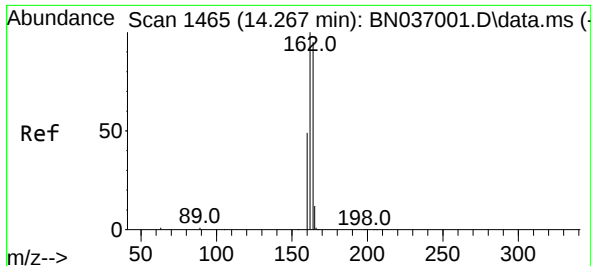
Tgt Ion:152 Resp: 4600  
Ion Ratio Lower Upper  
152 100  
151 14.9 17.5 26.3#



#12  
2-Methylnaphthalene  
Concen: 0.297 ng  
RT: 12.062 min Scan# 1161  
Delta R.T. -0.010 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

Tgt Ion:142 Resp: 3667  
Ion Ratio Lower Upper  
142 100  
141 91.6 73.3 109.9  
115 49.4 38.4 57.6

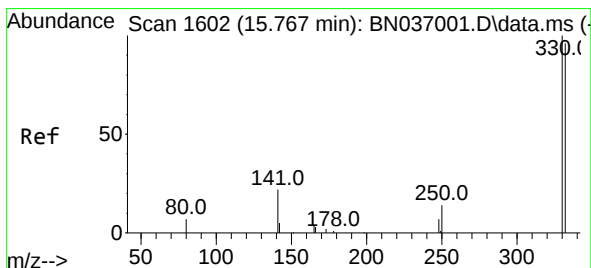
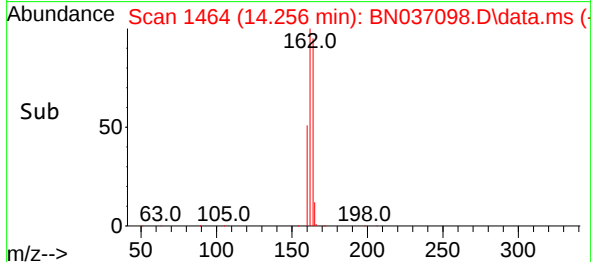
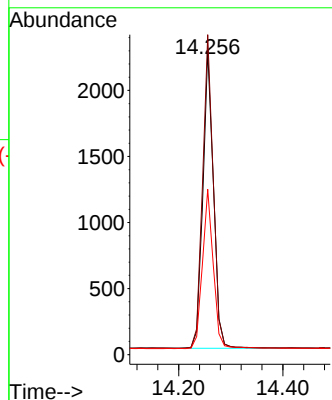
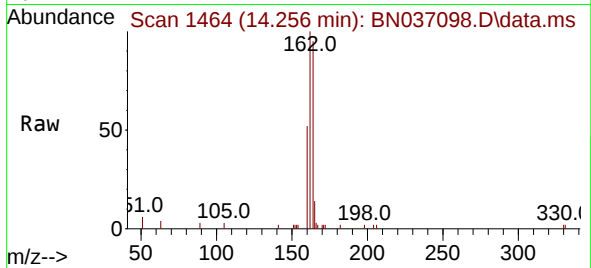




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.256 min Scan# 1464  
Delta R.T. -0.011 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

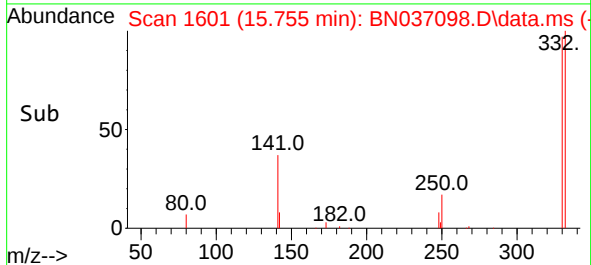
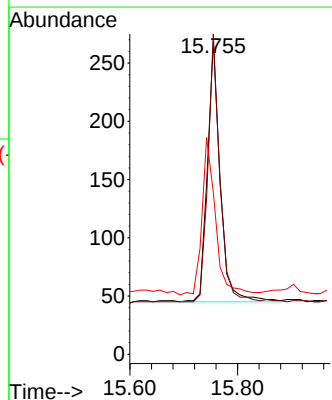
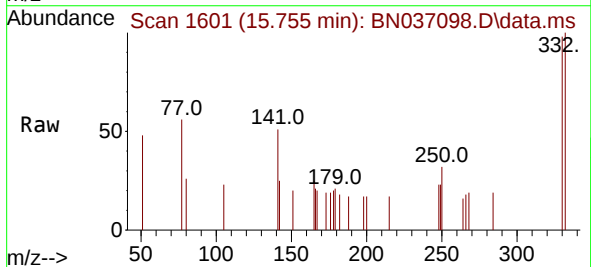
Instrument :  
BNA\_N  
ClientSampleId :  
PB168100BS

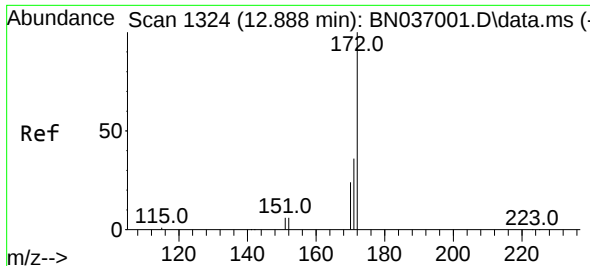
Tgt Ion:164 Resp: 3221  
Ion Ratio Lower Upper  
164 100  
162 105.3 84.2 126.4  
160 54.4 42.6 63.8



#14  
2,4,6-Tribromophenol  
Concen: 0.261 ng  
RT: 15.755 min Scan# 1601  
Delta R.T. -0.012 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

Tgt Ion:330 Resp: 369  
Ion Ratio Lower Upper  
330 100  
332 95.9 73.8 110.8  
141 63.7 43.9 65.9

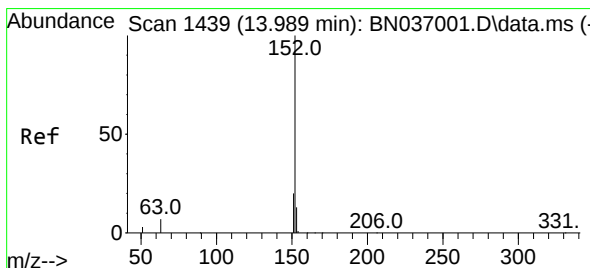
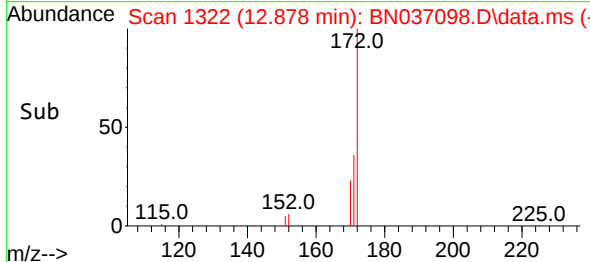
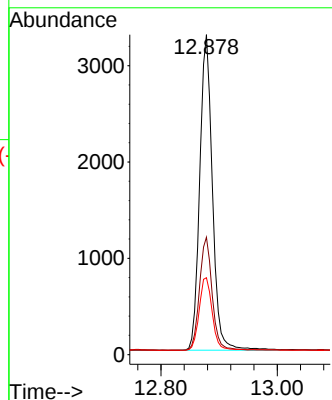
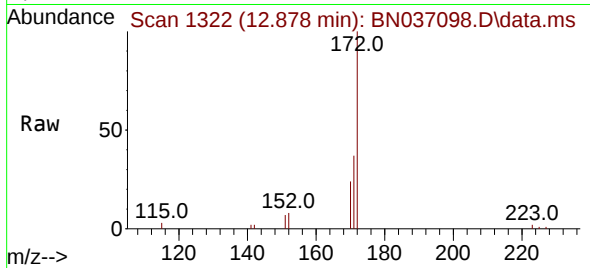




#15  
2-Fluorobiphenyl  
Concen: 0.336 ng  
RT: 12.878 min Scan# 11  
Delta R.T. -0.010 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

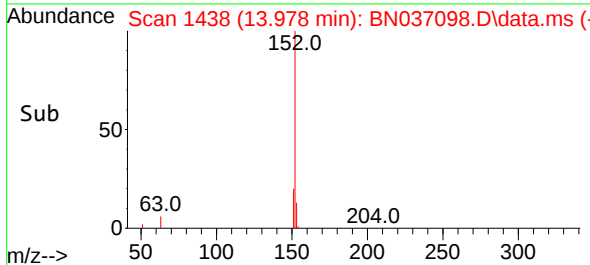
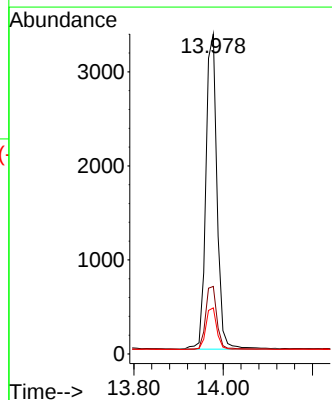
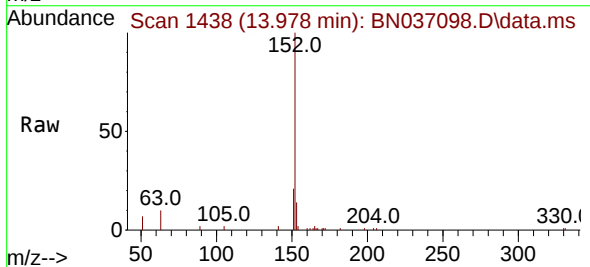
Instrument :  
BNA\_N  
ClientSampleId :  
PB168100BS

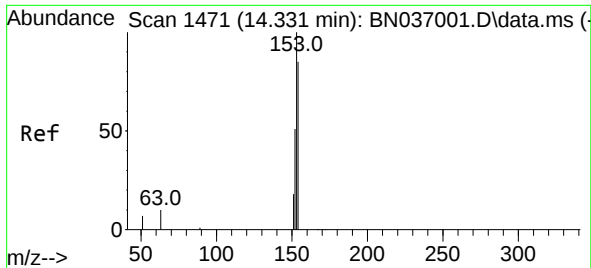
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 4954 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 36.7  | 29.2  | 43.8 |
| 170       | 24.1  | 20.5  | 30.7 |



#16  
Acenaphthylene  
Concen: 0.368 ng  
RT: 13.978 min Scan# 1438  
Delta R.T. -0.011 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 5771 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 20.4  | 16.1  | 24.1 |
| 153       | 13.1  | 10.5  | 15.7 |

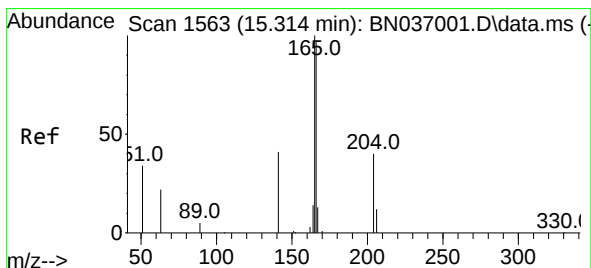
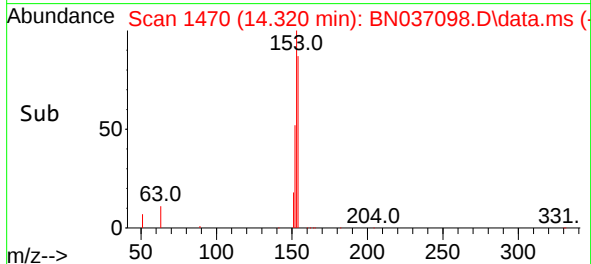
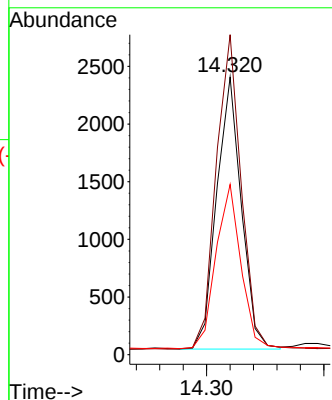
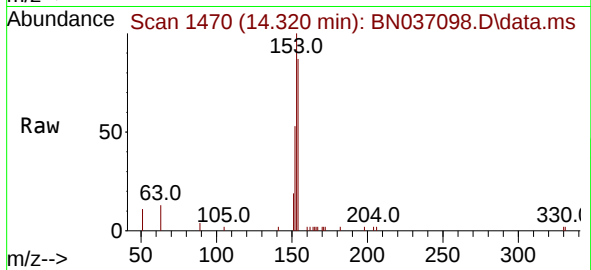




#17  
Acenaphthene  
Concen: 0.337 ng  
RT: 14.320 min Scan# 1470  
Delta R.T. -0.011 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

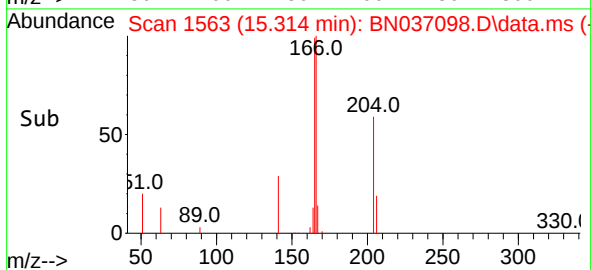
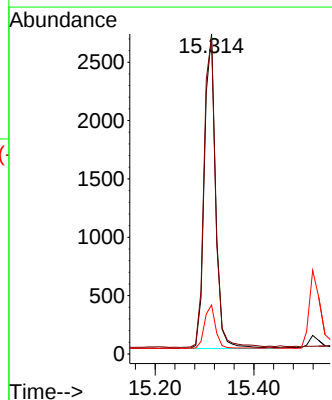
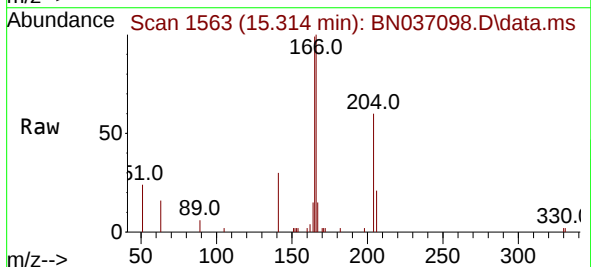
Instrument :  
BNA\_N  
ClientSampleId :  
PB168100BS

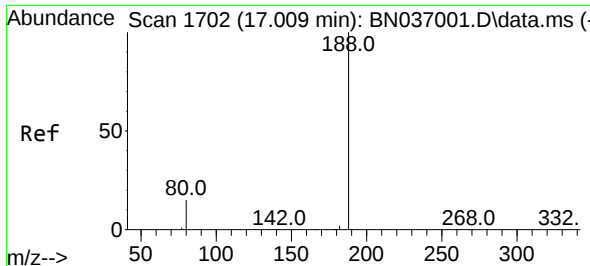
Tgt Ion:154 Resp: 3450  
Ion Ratio Lower Upper  
154 100  
153 117.5 94.2 141.4  
152 62.4 49.4 74.0



#18  
Fluorene  
Concen: 0.318 ng  
RT: 15.314 min Scan# 1563  
Delta R.T. 0.000 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

Tgt Ion:166 Resp: 4278  
Ion Ratio Lower Upper  
166 100  
165 100.5 80.6 120.8  
167 13.8 10.6 16.0

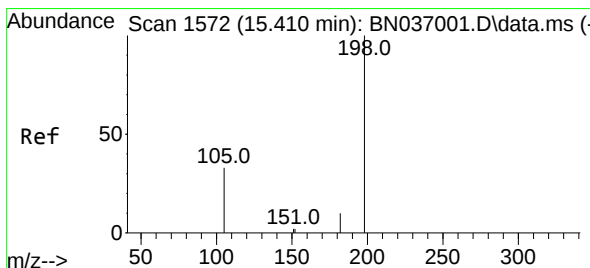
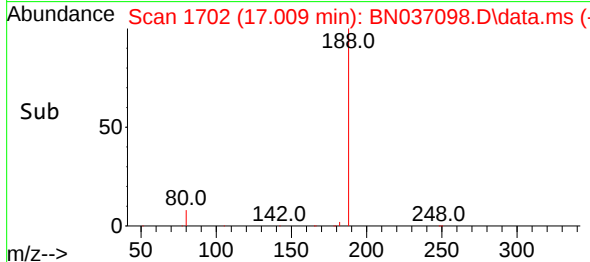
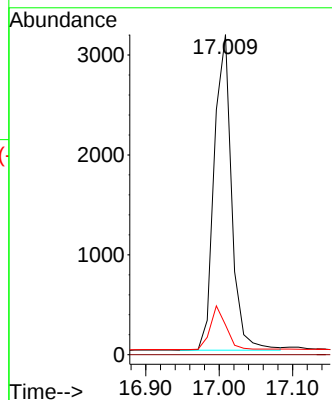
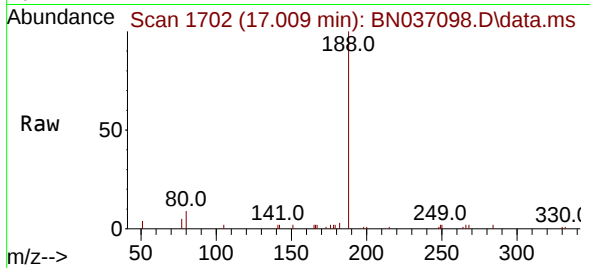




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.009 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

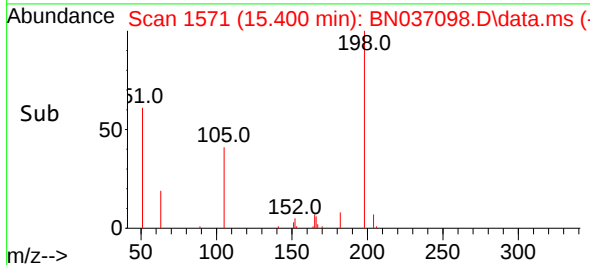
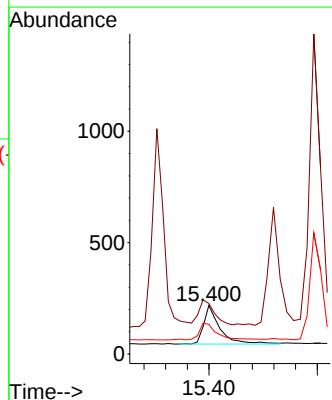
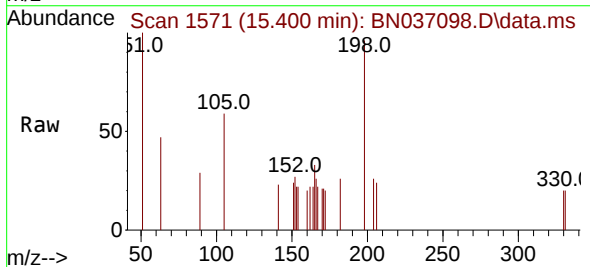
Instrument :  
BNA\_N  
ClientSampleId :  
PB168100BS

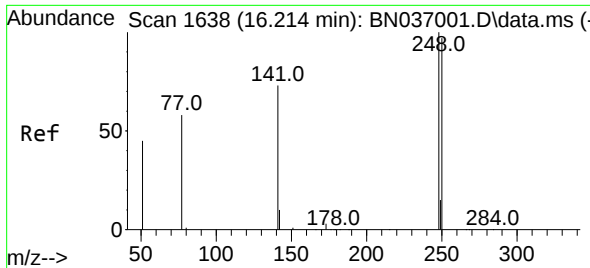
Tgt Ion:188 Resp: 5206  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.3 13.4 20.0#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.365 ng  
RT: 15.400 min Scan# 1571  
Delta R.T. -0.010 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

Tgt Ion:198 Resp: 363  
Ion Ratio Lower Upper  
198 100  
51 104.1 87.8 131.6  
105 61.0 44.2 66.4

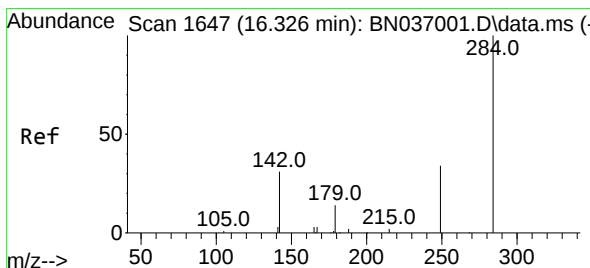
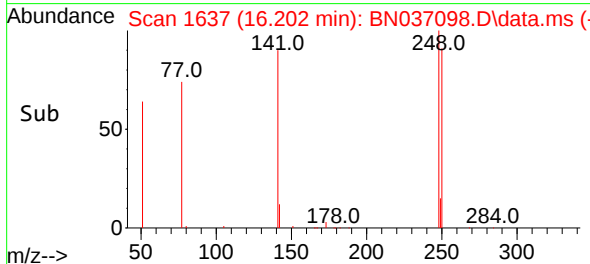
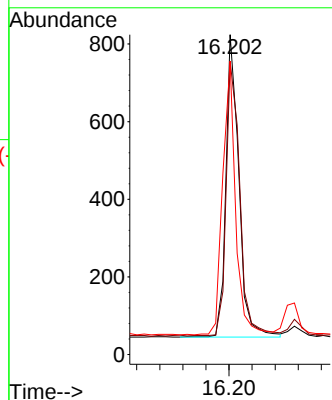
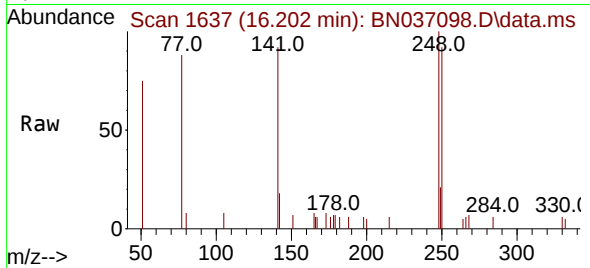




#21  
4-Bromophenyl-phenylether  
Concen: 0.371 ng  
RT: 16.202 min Scan# 1637  
Delta R.T. -0.012 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

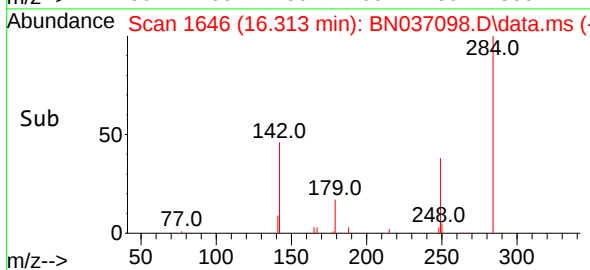
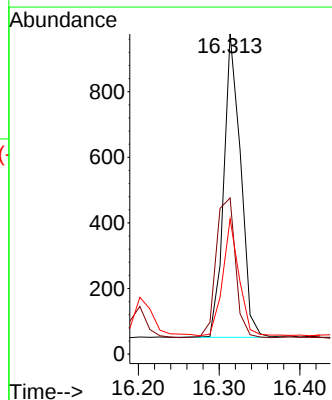
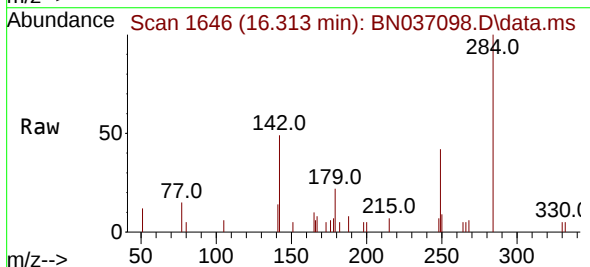
Instrument :  
BNA\_N  
ClientSampleId :  
PB168100BS

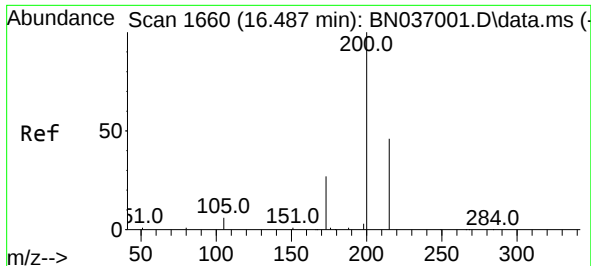
Tgt Ion:248 Resp: 1220  
Ion Ratio Lower Upper  
248 100  
250 91.7 78.1 117.1  
141 91.7 59.7 89.5#



#22  
Hexachlorobenzene  
Concen: 0.382 ng  
RT: 16.313 min Scan# 1646  
Delta R.T. -0.012 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

Tgt Ion:284 Resp: 1345  
Ion Ratio Lower Upper  
284 100  
142 53.2 41.2 61.8  
249 37.2 28.7 43.1

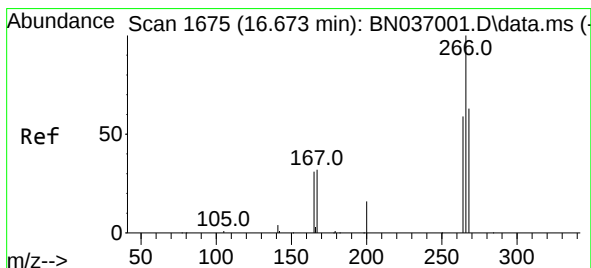
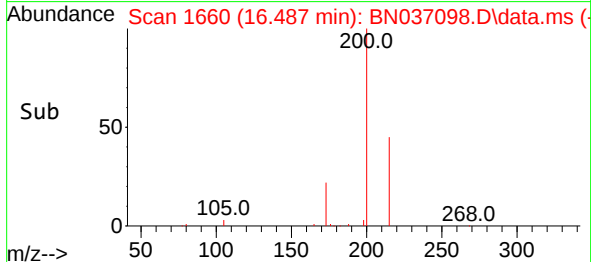
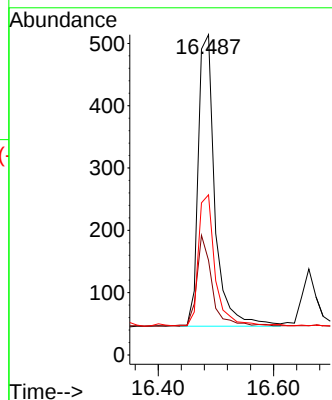
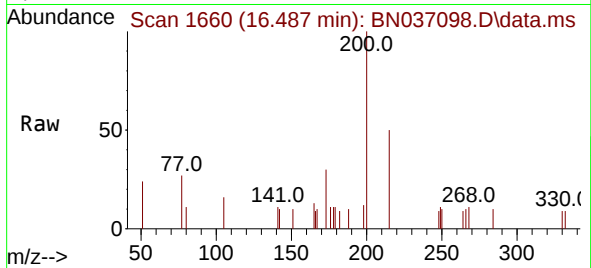




#23  
Atrazine  
Concen: 0.330 ng  
RT: 16.487 min Scan# 1660  
Delta R.T. 0.000 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

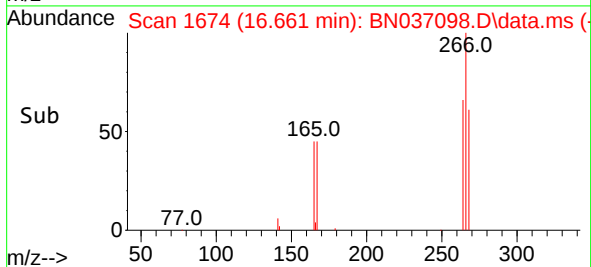
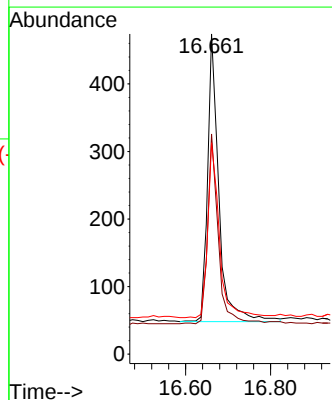
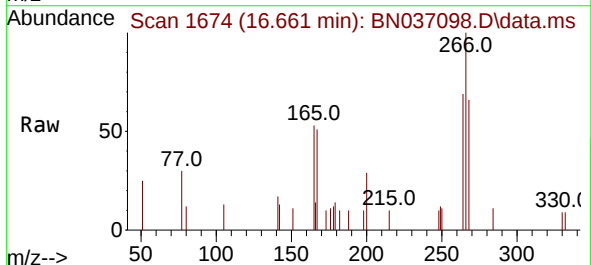
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BNA\_N  
ClientSampleId :  
PB168100BS

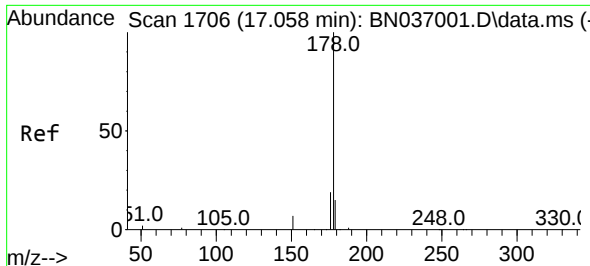
Tgt Ion:200 Resp: 947  
Ion Ratio Lower Upper  
200 100  
173 29.6 25.2 37.8  
215 50.0 39.3 58.9



#24  
Pentachlorophenol  
Concen: 0.404 ng  
RT: 16.661 min Scan# 1674  
Delta R.T. -0.012 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

Tgt Ion:266 Resp: 783  
Ion Ratio Lower Upper  
266 100  
264 61.6 47.9 71.9  
268 62.8 50.0 75.0

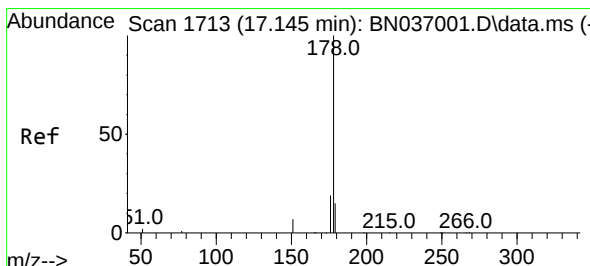
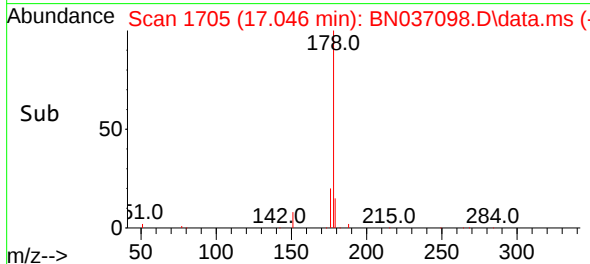
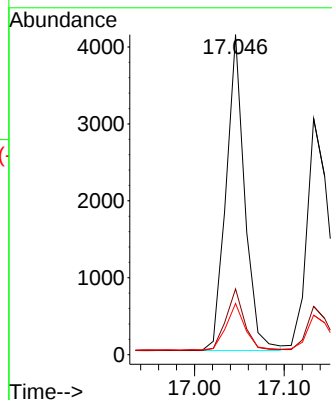
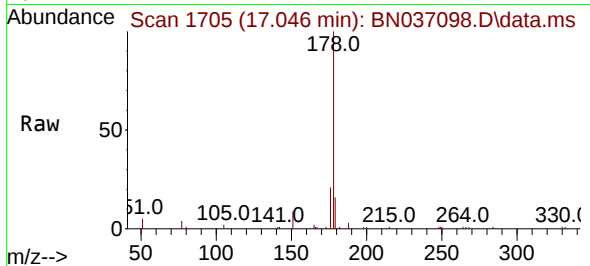




#25  
Phenanthrene  
Concen: 0.348 ng  
RT: 17.046 min Scan# 1712  
Delta R.T. -0.012 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

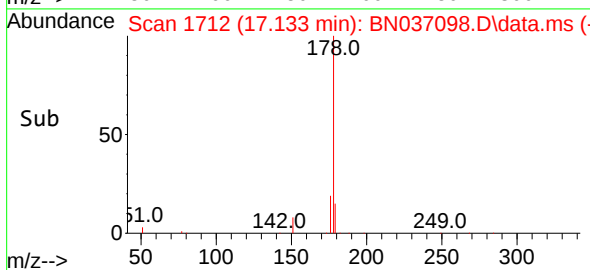
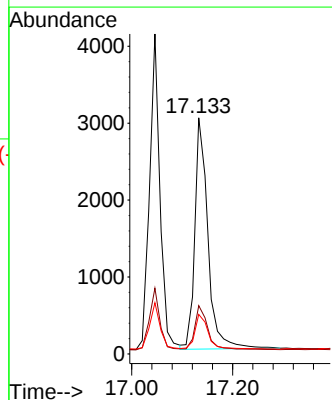
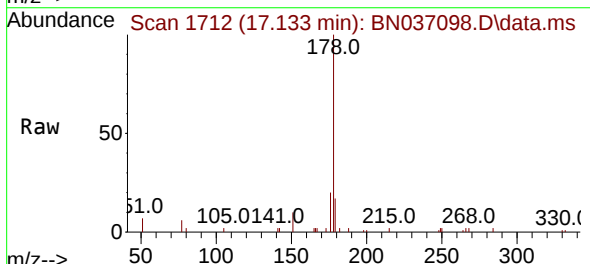
Instrument :  
BNA\_N  
ClientSampleId :  
PB168100BS

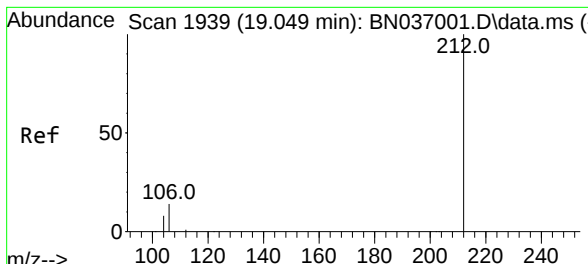
Tgt Ion:178 Resp: 5914  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.7 23.5  
179 15.4 12.2 18.2



#26  
Anthracene  
Concen: 0.350 ng  
RT: 17.133 min Scan# 1712  
Delta R.T. -0.012 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

Tgt Ion:178 Resp: 5423  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.0 22.6  
179 15.6 12.3 18.5

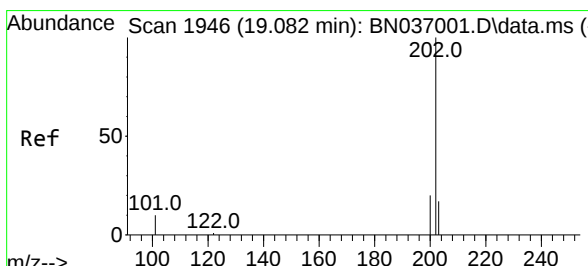
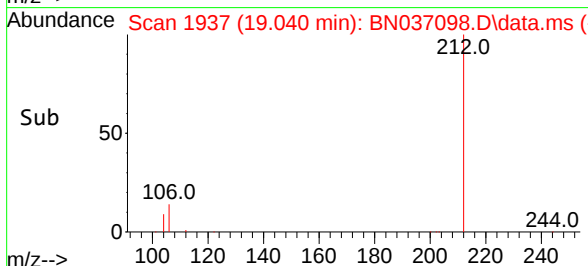
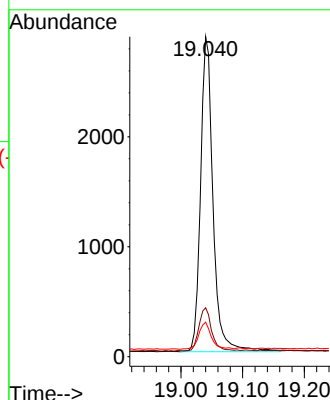
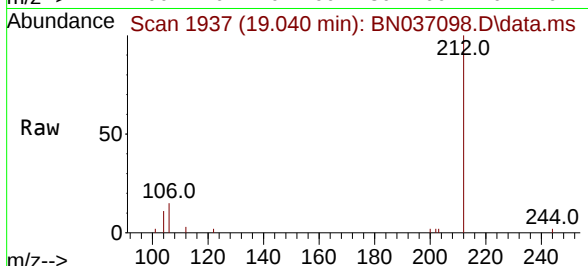




#27  
Fluoranthene-d10  
Concen: 0.282 ng  
RT: 19.040 min Scan# 1937  
Delta R.T. -0.009 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

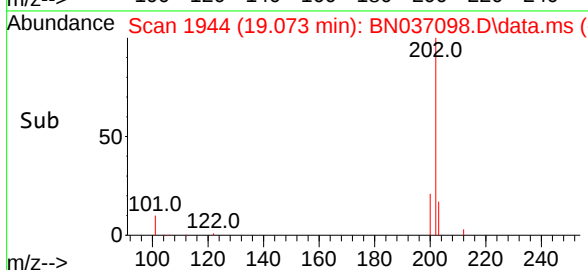
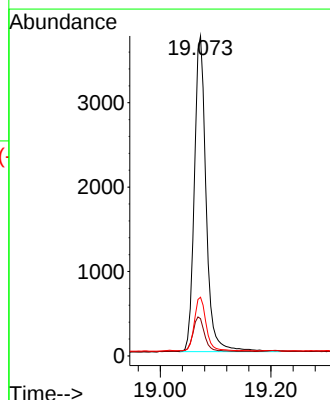
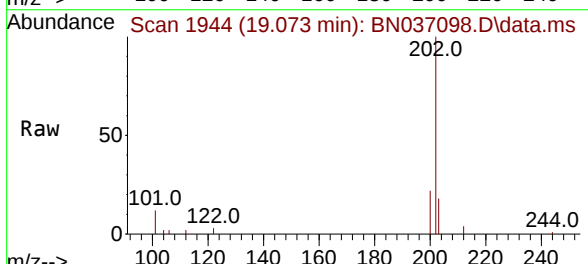
Instrument :  
BNA\_N  
ClientSampleId :  
PB168100BS

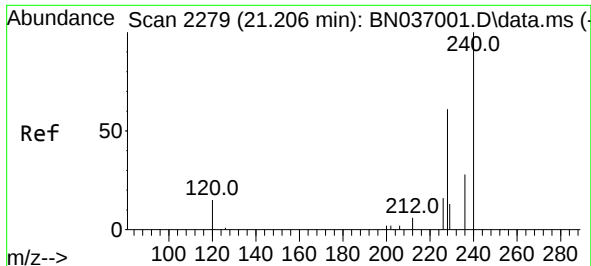
Tgt Ion:212 Resp: 4032  
Ion Ratio Lower Upper  
212 100  
106 13.8 11.3 16.9  
104 8.8 6.7 10.1



#28  
Fluoranthene  
Concen: 0.272 ng  
RT: 19.073 min Scan# 1944  
Delta R.T. -0.009 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

Tgt Ion:202 Resp: 5521  
Ion Ratio Lower Upper  
202 100  
101 11.2 8.9 13.3  
203 16.6 13.8 20.8

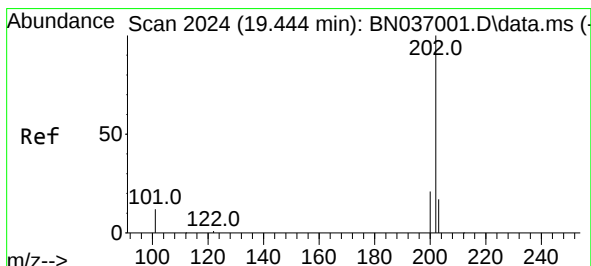
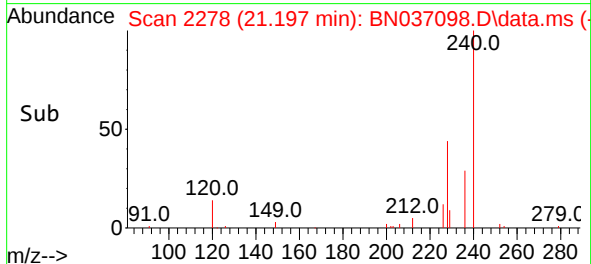
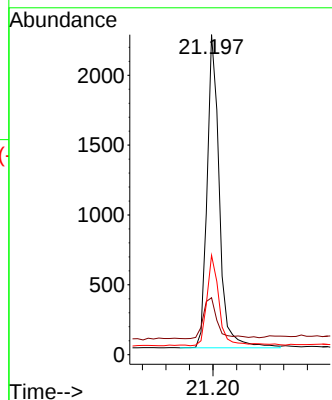
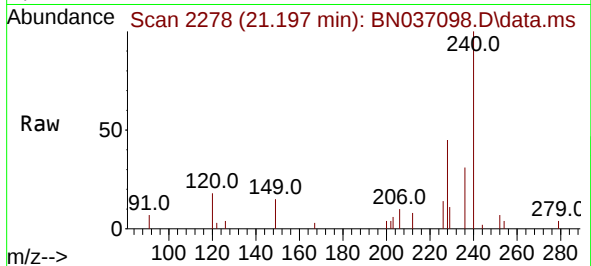




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.197 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

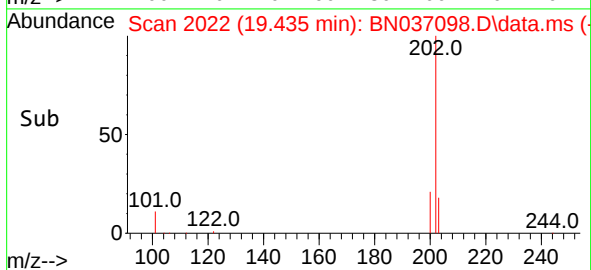
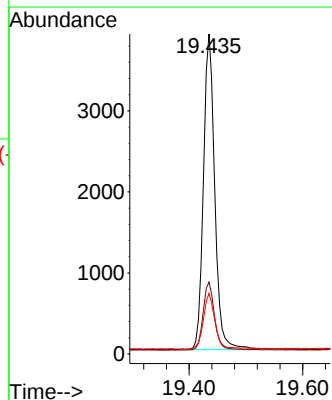
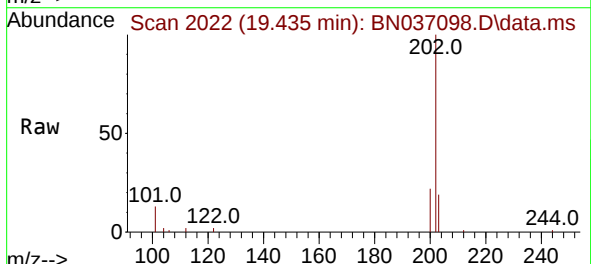
Instrument :  
BNA\_N  
ClientSampleId :  
PB168100BS

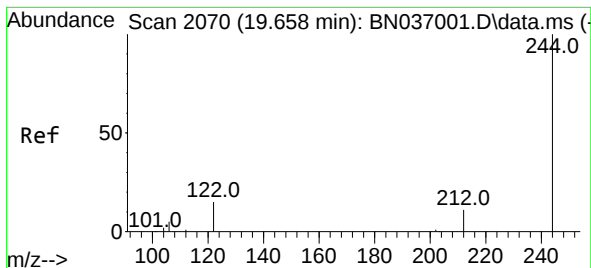
Tgt Ion:240 Resp: 3236  
Ion Ratio Lower Upper  
240 100  
120 17.8 15.1 22.7  
236 31.0 24.0 36.0



#30  
Pyrene  
Concen: 0.391 ng  
RT: 19.435 min Scan# 2022  
Delta R.T. -0.009 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

Tgt Ion:202 Resp: 5406  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.1 25.7  
203 17.9 14.2 21.4





#31

Terphenyl-d14

Concen: 0.396 ng

RT: 19.649 min Scan# 2068

Delta R.T. -0.009 min

Lab File: BN037098.D

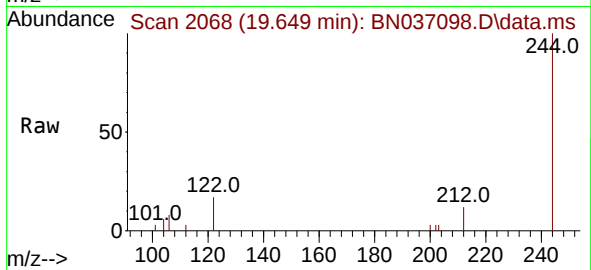
Acq: 27 May 2025 21:48

Instrument :

BNA\_N

ClientSampleId :

PB168100BS



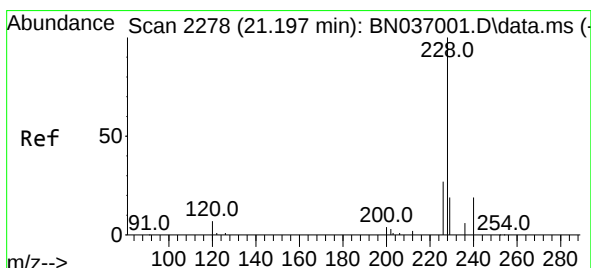
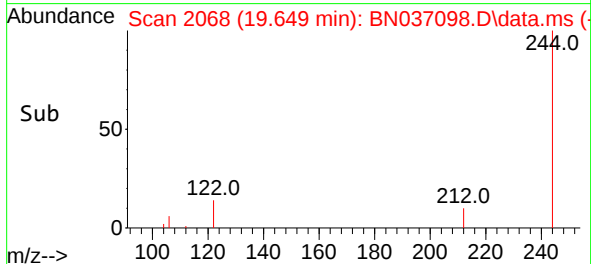
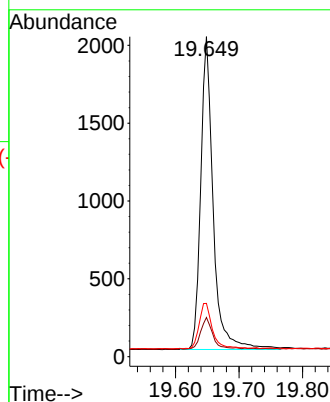
Tgt Ion:244 Resp: 2738

Ion Ratio Lower Upper

244 100

212 12.3 9.7 14.5

122 16.6 13.4 20.0



#32

Benzo(a)anthracene

Concen: 0.358 ng

RT: 21.180 min Scan# 2276

Delta R.T. -0.018 min

Lab File: BN037098.D

Acq: 27 May 2025 21:48

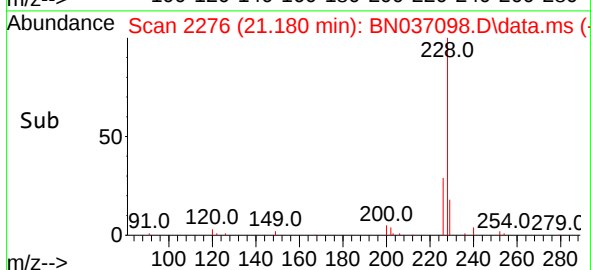
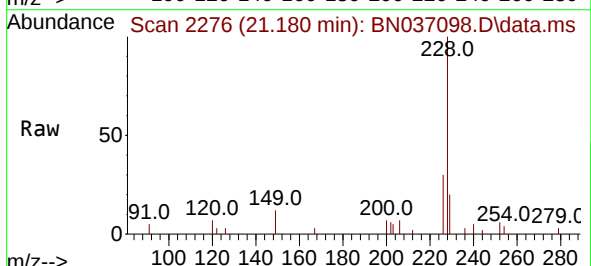
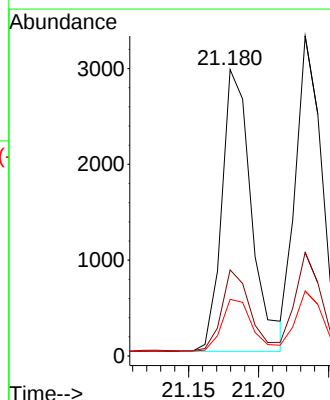
Tgt Ion:228 Resp: 4363

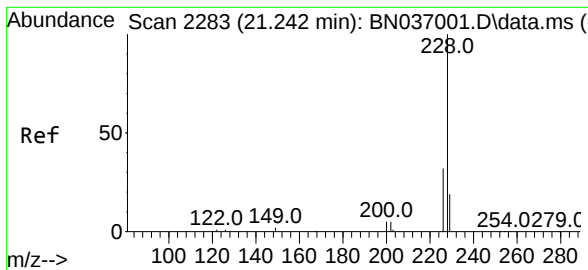
Ion Ratio Lower Upper

228 100

226 30.0 22.2 33.4

229 19.8 16.0 24.0





#33

Chrysene

Concen: 0.359 ng

RT: 21.233 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037098.D

Acq: 27 May 2025 21:48

Instrument :

BNA\_N

ClientSampleId :

PB168100BS

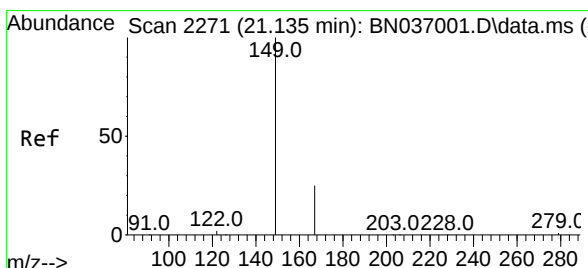
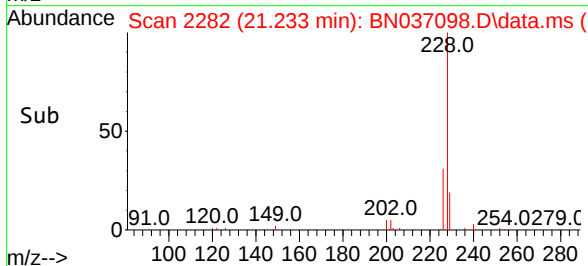
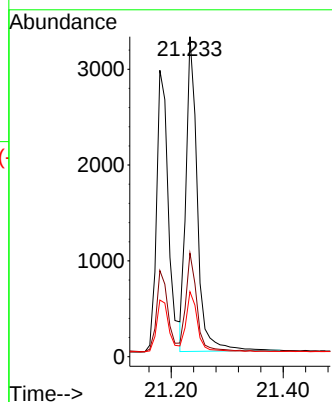
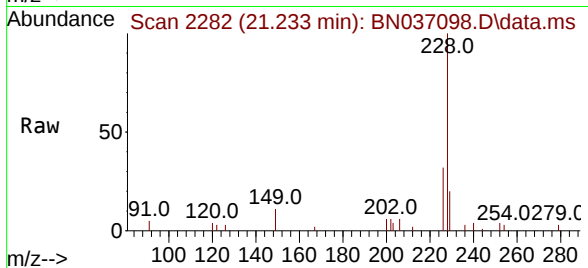
Tgt Ion:228 Resp: 4622

Ion Ratio Lower Upper

228 100

226 32.3 26.3 39.5

229 20.3 16.2 24.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.315 ng

RT: 21.126 min Scan# 2270

Delta R.T. -0.009 min

Lab File: BN037098.D

Acq: 27 May 2025 21:48

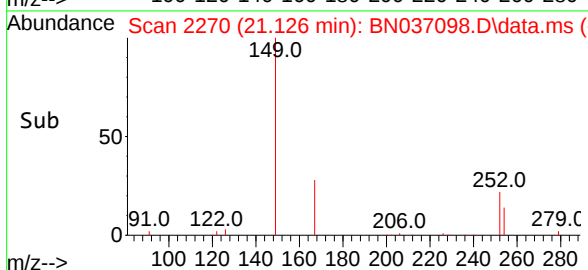
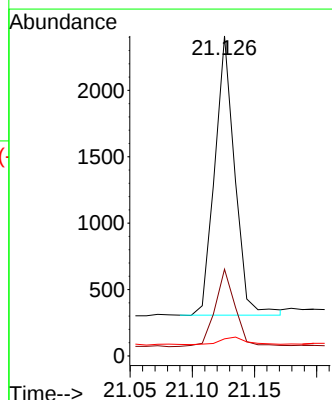
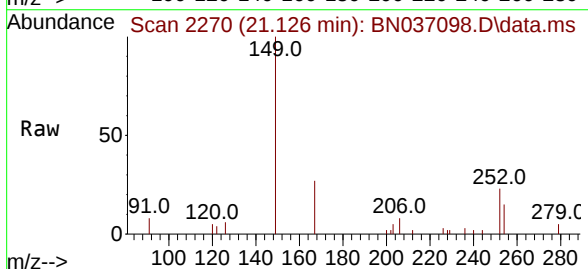
Tgt Ion:149 Resp: 2365

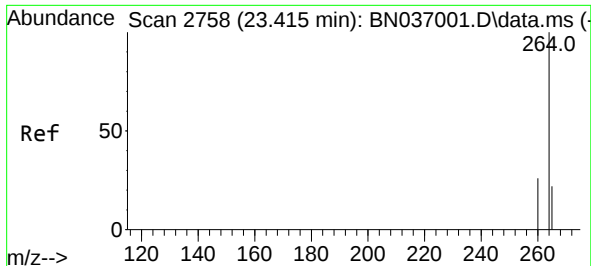
Ion Ratio Lower Upper

149 100

167 28.3 20.6 30.8

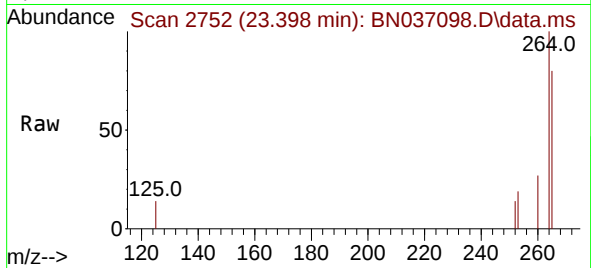
279 3.4 2.6 3.8



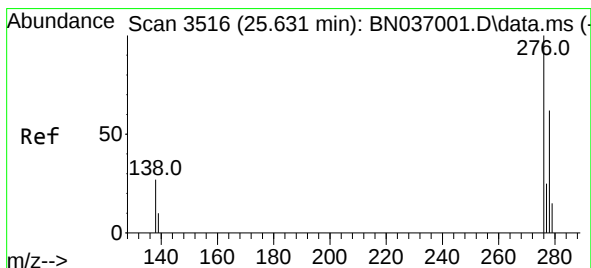
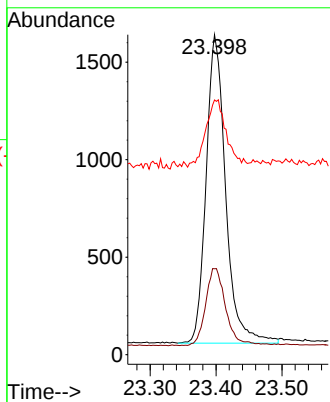
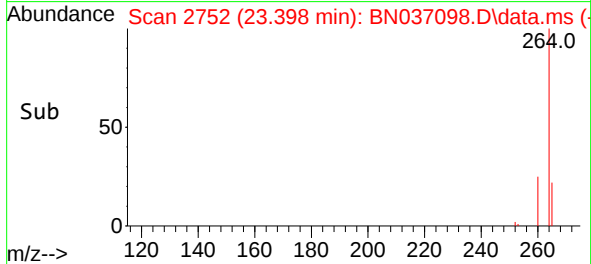


#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.398 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BN037098.D  
 Acq: 27 May 2025 21:48

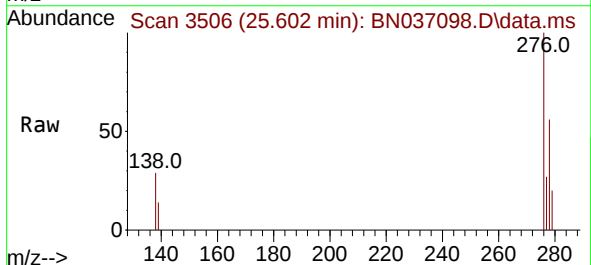
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168100BS



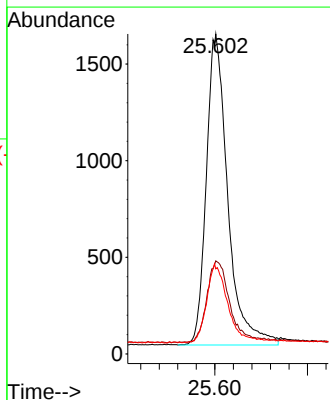
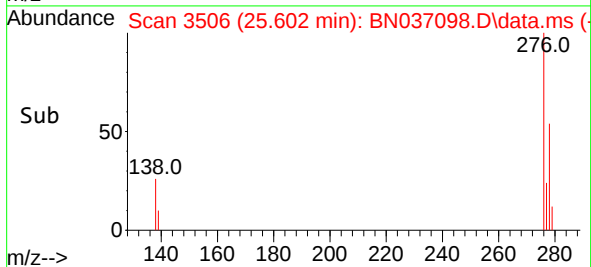
Tgt Ion:264 Resp: 3259  
 Ion Ratio Lower Upper  
 264 100  
 260 26.9 21.9 32.9  
 265 79.6 51.6 77.4#

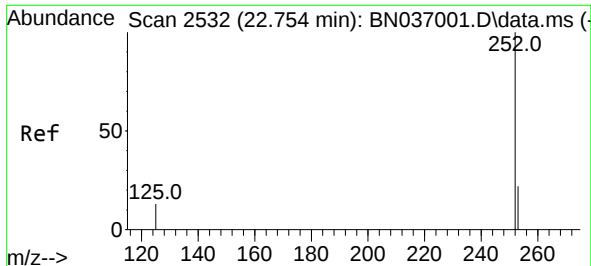


#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.389 ng  
 RT: 25.602 min Scan# 3506  
 Delta R.T. -0.029 min  
 Lab File: BN037098.D  
 Acq: 27 May 2025 21:48



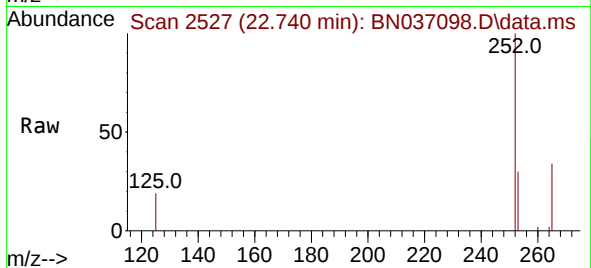
Tgt Ion:276 Resp: 5179  
 Ion Ratio Lower Upper  
 276 100  
 138 27.5 22.7 34.1  
 277 24.6 20.0 30.0



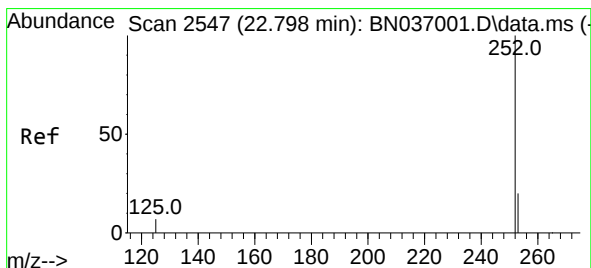
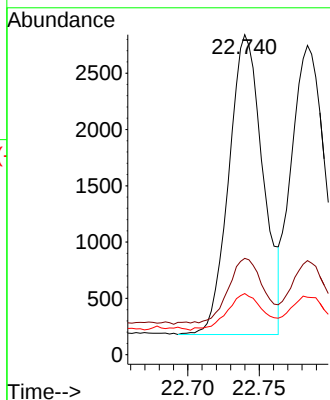


#37  
Benzo(b)fluoranthene  
Concen: 0.327 ng  
RT: 22.740 min Scan# 2532  
Delta R.T. -0.015 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

Instrument :  
BNA\_N  
ClientSampleId :  
PB168100BS

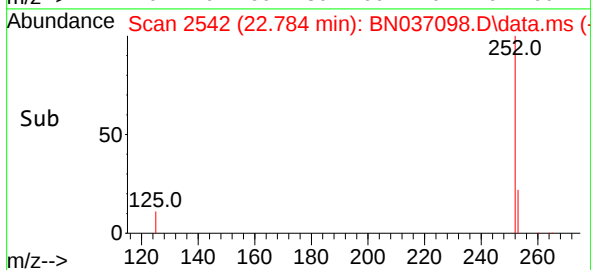
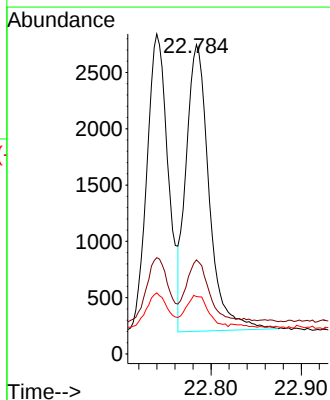
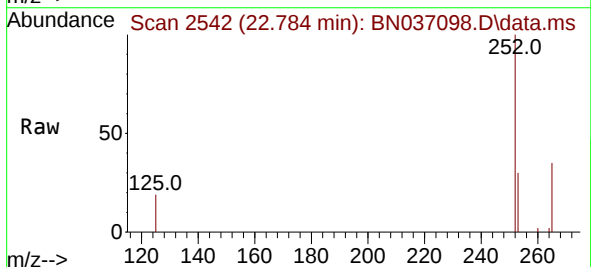


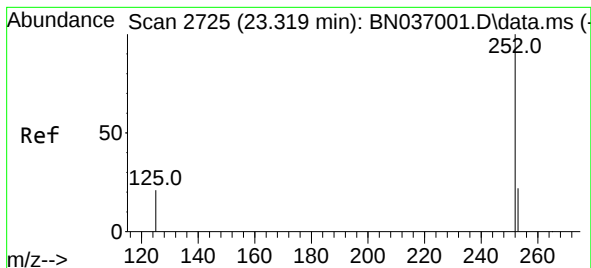
Tgt Ion:252 Resp: 4417  
Ion Ratio Lower Upper  
252 100  
253 30.1 21.8 32.6  
125 19.1 14.6 21.8



#38  
Benzo(k)fluoranthene  
Concen: 0.338 ng  
RT: 22.784 min Scan# 2542  
Delta R.T. -0.015 min  
Lab File: BN037098.D  
Acq: 27 May 2025 21:48

Tgt Ion:252 Resp: 4506  
Ion Ratio Lower Upper  
252 100  
253 30.4 21.4 32.2  
125 18.6 13.0 19.4





#39

Benzo(a)pyrene

Concen: 0.352 ng

RT: 23.304 min Scan# 21

Delta R.T. -0.015 min

Lab File: BN037098.D

Acq: 27 May 2025 21:48

Instrument :

BNA\_N

ClientSampleId :

PB168100BS

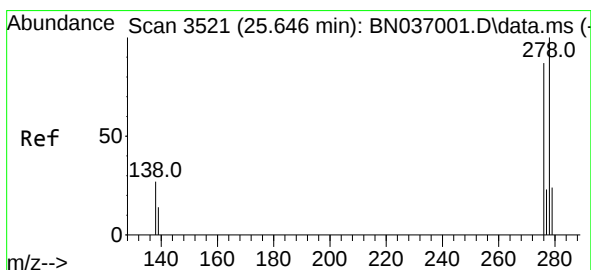
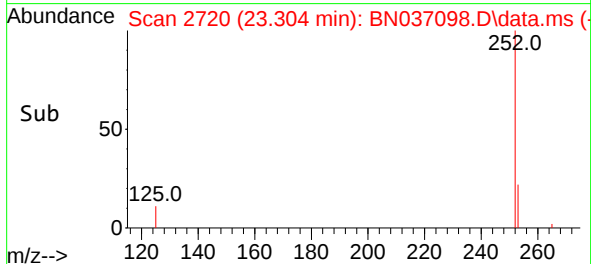
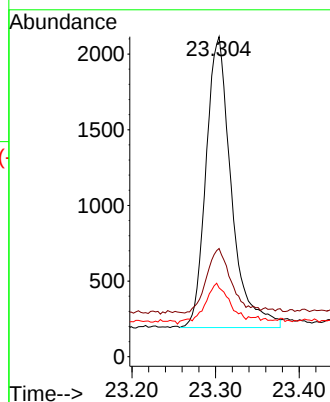
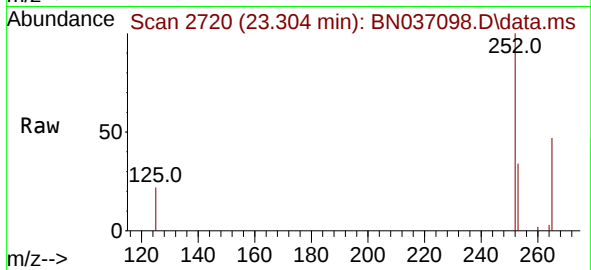
Tgt Ion:252 Resp: 4042

Ion Ratio Lower Upper

252 100

253 33.8 23.8 35.6

125 21.5 21.8 32.6#



#40

Dibenzo(a,h)anthracene

Concen: 0.380 ng

RT: 25.620 min Scan# 3512

Delta R.T. -0.026 min

Lab File: BN037098.D

Acq: 27 May 2025 21:48

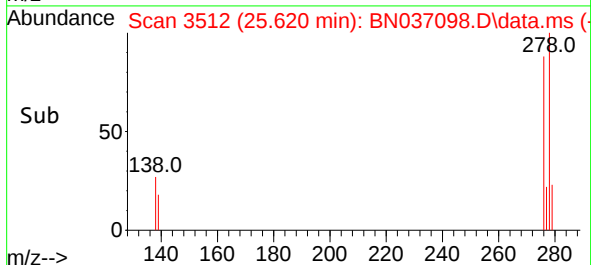
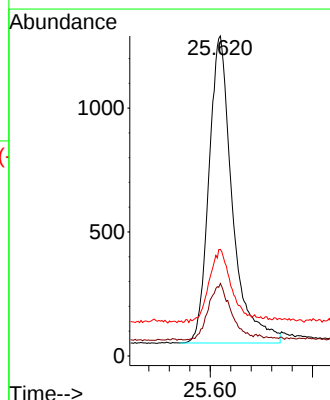
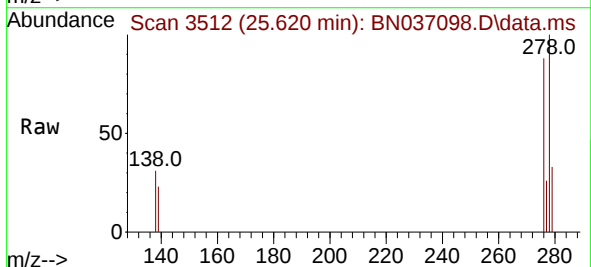
Tgt Ion:278 Resp: 3940

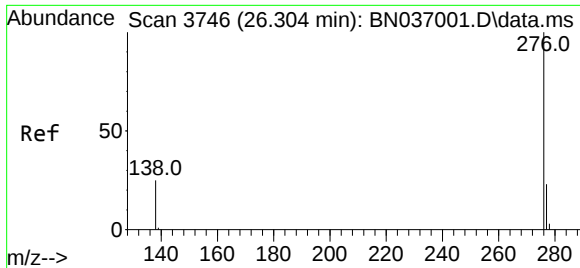
Ion Ratio Lower Upper

278 100

139 22.6 17.4 26.0

279 33.3 24.6 37.0





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.398 ng  
 RT: 26.272 min Scan# 31  
 Delta R.T. -0.032 min  
 Lab File: BN037098.D  
 Acq: 27 May 2025 21:48

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168100BS

Tgt Ion:276 Resp: 4478  
 Ion Ratio Lower Upper  
 276 100  
 277 27.0 20.2 30.4  
 138 26.8 22.0 33.0

