

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060925\  
 Data File : BN037201.D  
 Acq On : 09 Jun 2025 20:40  
 Operator : RC/JU  
 Sample : PB168336BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168336BS

Quant Time: Jun 10 04:03:40 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

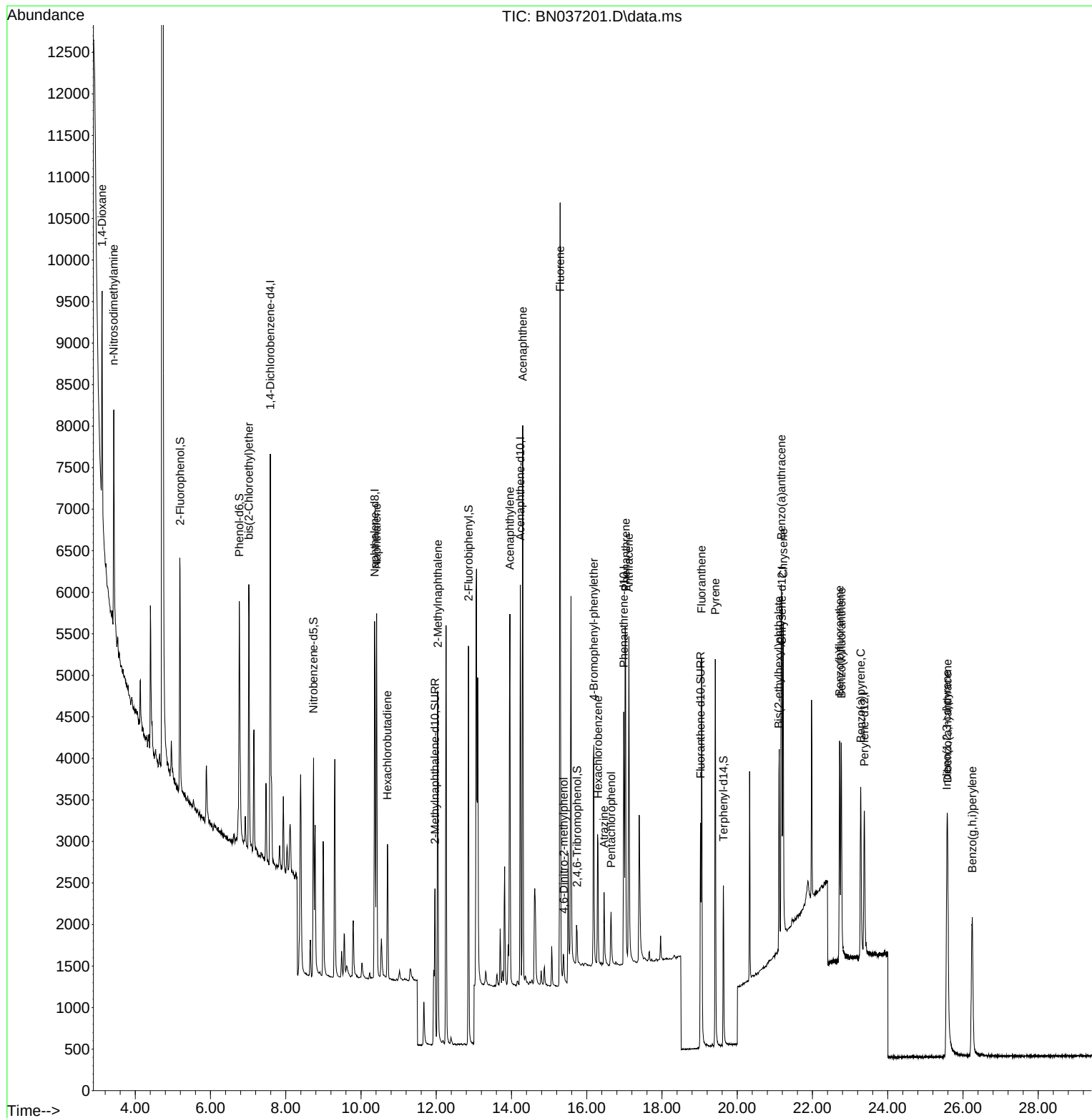
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.589  | 152  | 2227     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.361 | 136  | 5466     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.234 | 164  | 2607     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.984 | 188  | 4253     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.188 | 240  | 2468     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.377 | 264  | 2373     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.191  | 112  | 2001     | 0.363 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.766  | 99   | 2345     | 0.351 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.738  | 82   | 2065     | 0.358 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.965 | 152  | 2755     | 0.362 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.742 | 330  | 307      | 0.292 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.858 | 172  | 4234     | 0.381 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.026 | 212  | 3278     | 0.303 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.634 | 244  | 2215     | 0.381 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.119  | 88   | 1196     | 0.403 | ng    | # 44     |
| 3) n-Nitrosodimethylamine     | 3.429  | 42   | 2277     | 0.382 | ng    | # 91     |
| 6) bis(2-Chloroethyl)ether    | 7.019  | 93   | 2167     | 0.340 | ng    | 95       |
| 9) Naphthalene                | 10.415 | 128  | 5395     | 0.342 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.703 | 225  | 1252     | 0.364 | ng    | # 97     |
| 12) 2-Methylnaphthalene       | 12.041 | 142  | 3113     | 0.308 | ng    | 99       |
| 16) Acenaphthylene            | 13.956 | 152  | 4871     | 0.381 | ng    | 100      |
| 17) Acenaphthene              | 14.298 | 154  | 2908     | 0.350 | ng    | 100      |
| 18) Fluorene                  | 15.293 | 166  | 3677     | 0.337 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.389 | 198  | 337      | 0.545 | ng    | # 68     |
| 21) 4-Bromophenyl-phenylether | 16.189 | 248  | 1073     | 0.385 | ng    | 91       |
| 22) Hexachlorobenzene         | 16.301 | 284  | 1184     | 0.394 | ng    | 98       |
| 23) Atrazine                  | 16.462 | 200  | 810      | 0.352 | ng    | 98       |
| 24) Pentachlorophenol         | 16.648 | 266  | 393      | 0.433 | ng    | 98       |
| 25) Phenanthrene              | 17.033 | 178  | 4954     | 0.360 | ng    | 100      |
| 26) Anthracene                | 17.120 | 178  | 4498     | 0.358 | ng    | 98       |
| 28) Fluoranthene              | 19.054 | 202  | 4519     | 0.297 | ng    | 100      |
| 30) Pyrene                    | 19.416 | 202  | 4443     | 0.369 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.170 | 228  | 3255     | 0.364 | ng    | 98       |
| 33) Chrysene                  | 21.224 | 228  | 3659     | 0.368 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.108 | 149  | 1974     | 0.350 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.573 | 276  | 4127     | 0.437 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.722 | 252  | 3317     | 0.346 | ng    | 92       |
| 38) Benzo(k)fluoranthene      | 22.766 | 252  | 3519     | 0.360 | ng    | 94       |
| 39) Benzo(a)pyrene            | 23.283 | 252  | 3154     | 0.393 | ng    | 94       |
| 40) Dibenzo(a,h)anthracene    | 25.590 | 278  | 3219     | 0.442 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 26.248 | 276  | 3529     | 0.422 | ng    | 99       |

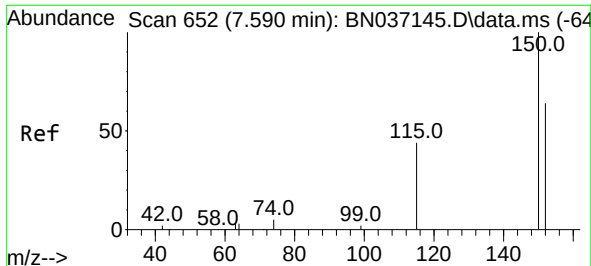
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060925\  
Data File : BN037201.D  
Acq On : 09 Jun 2025 20:40  
Operator : RC/JU  
Sample : PB168336BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB168336BS

Quant Time: Jun 10 04:03:40 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

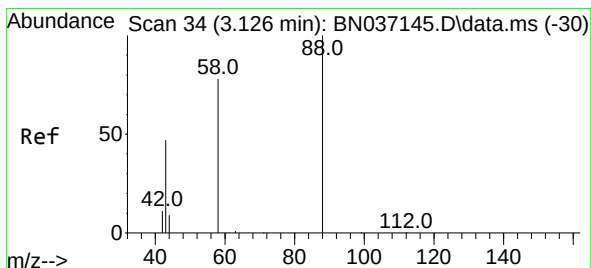
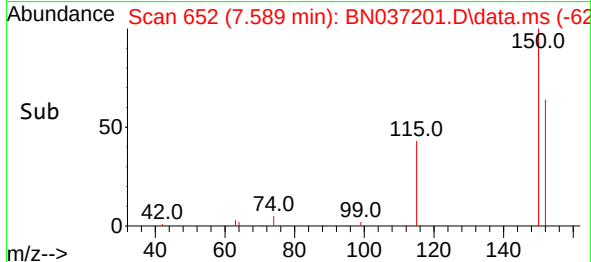
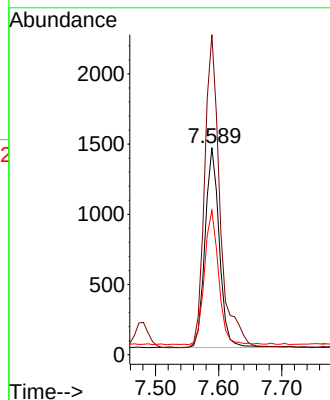
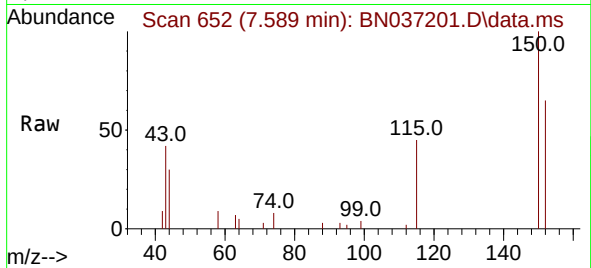




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.589 min Scan# 61  
 Delta R.T. -0.001 min  
 Lab File: BN037201.D  
 Acq: 09 Jun 2025 20:40

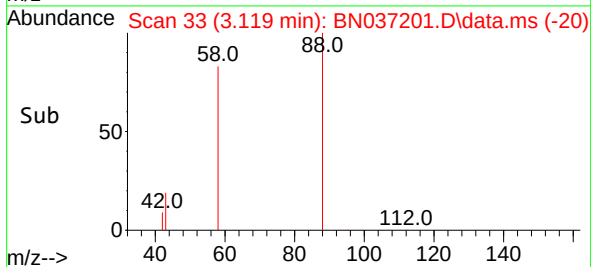
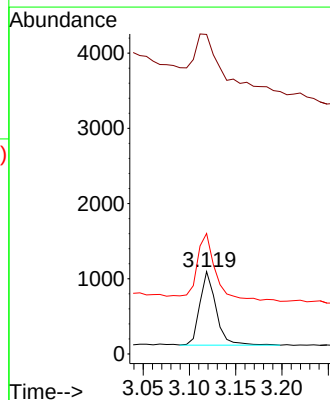
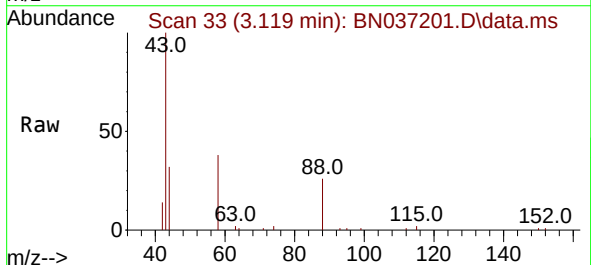
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168336BS

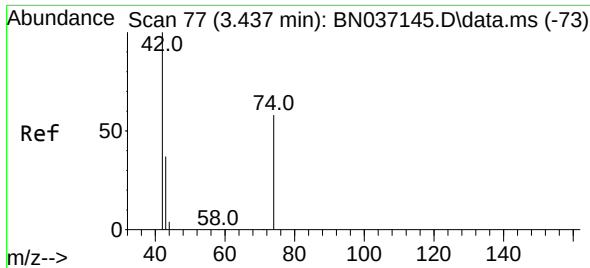
Tgt Ion:152 Resp: 2227  
 Ion Ratio Lower Upper  
 152 100  
 150 154.5 123.2 184.8  
 115 69.7 56.6 85.0



#2  
 1,4-Dioxane  
 Concen: 0.403 ng  
 RT: 3.119 min Scan# 33  
 Delta R.T. -0.008 min  
 Lab File: BN037201.D  
 Acq: 09 Jun 2025 20:40

Tgt Ion: 88 Resp: 1196  
 Ion Ratio Lower Upper  
 88 100  
 43 127.3 43.5 65.3#  
 58 108.4 67.7 101.5#

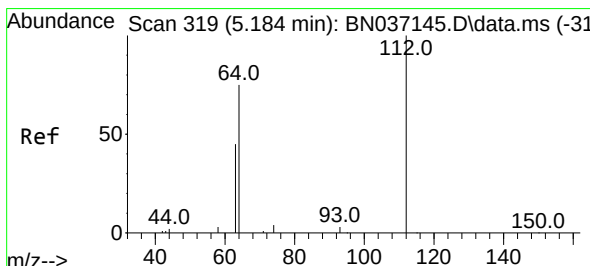
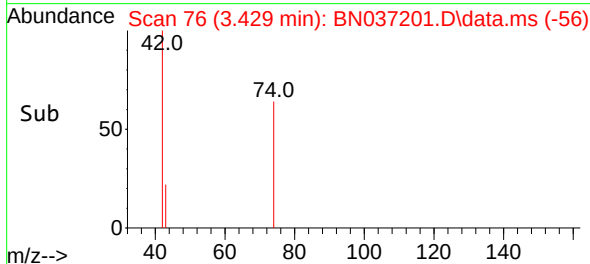
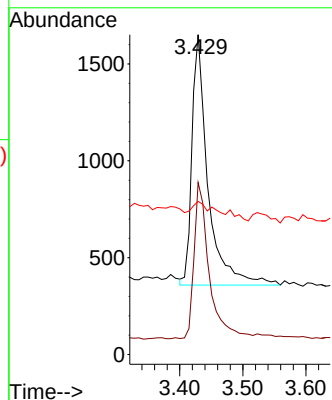
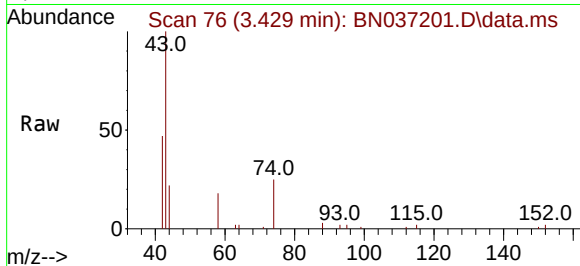




#3  
 n-Nitrosodimethylamine  
 Concen: 0.382 ng  
 RT: 3.429 min Scan# 70  
 Delta R.T. -0.008 min  
 Lab File: BN037201.D  
 Acq: 09 Jun 2025 20:40

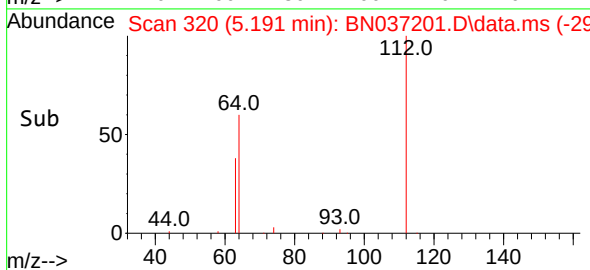
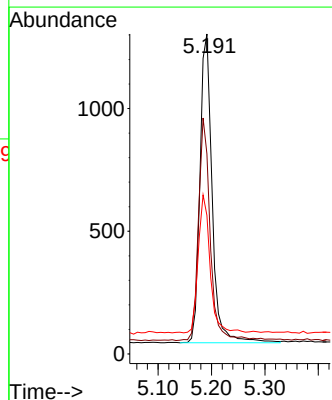
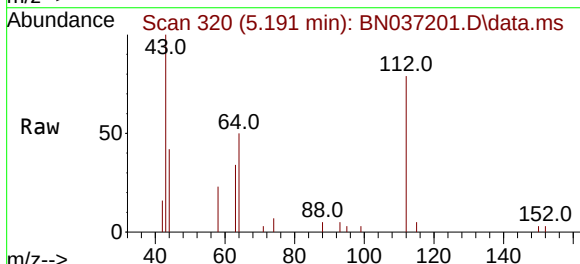
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168336BS

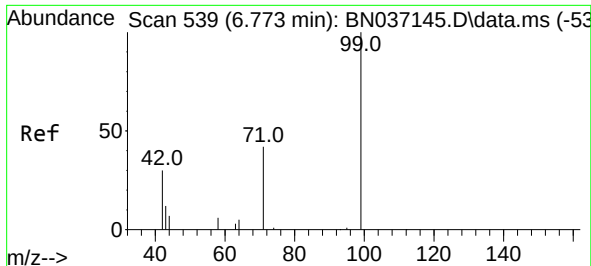
Tgt Ion: 42 Resp: 2277  
 Ion Ratio Lower Upper  
 42 100  
 74 58.8 53.0 79.4  
 44 5.2 5.9 8.9#



#4  
 2-Fluorophenol  
 Concen: 0.363 ng  
 RT: 5.191 min Scan# 320  
 Delta R.T. 0.007 min  
 Lab File: BN037201.D  
 Acq: 09 Jun 2025 20:40

Tgt Ion: 112 Resp: 2001  
 Ion Ratio Lower Upper  
 112 100  
 64 69.6 56.3 84.5  
 63 43.6 36.2 54.4

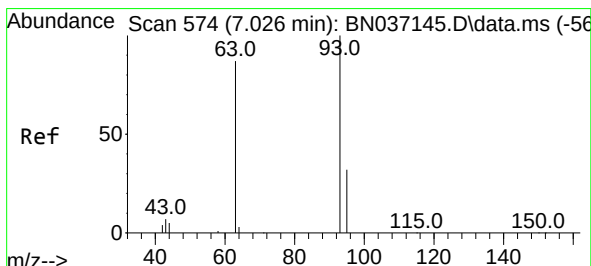
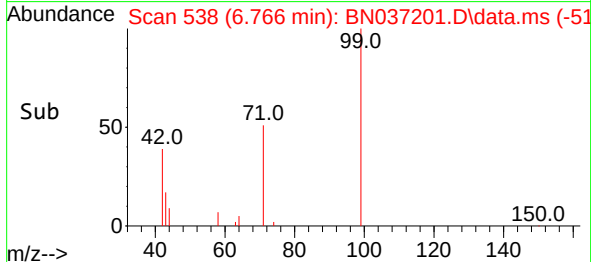
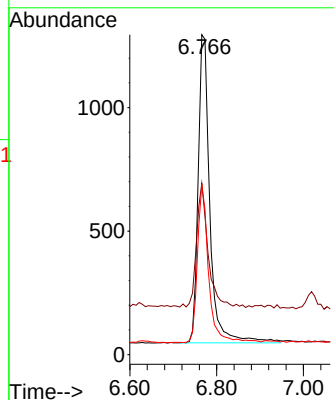
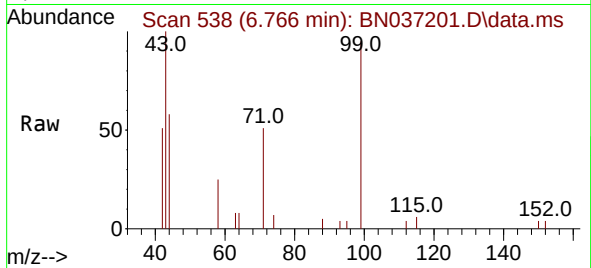




#5  
Phenol-d6  
Concen: 0.351 ng  
RT: 6.766 min Scan# 51  
Delta R.T. -0.008 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

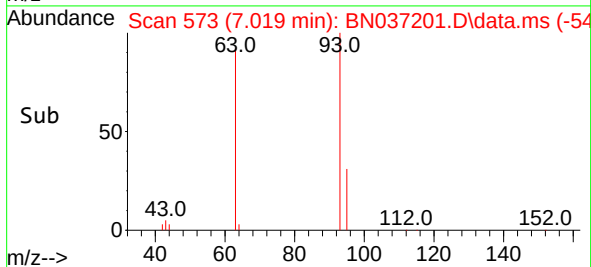
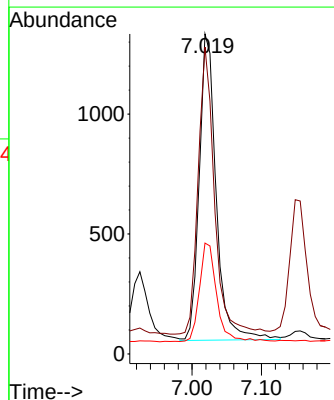
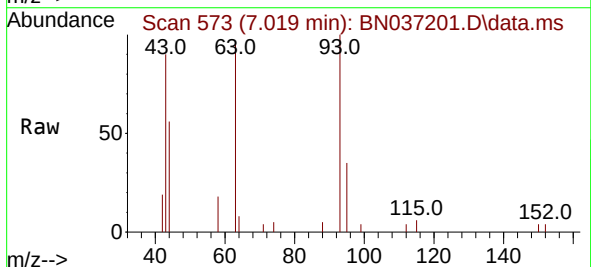
Instrument :  
BNA\_N  
ClientSampleId :  
PB168336BS

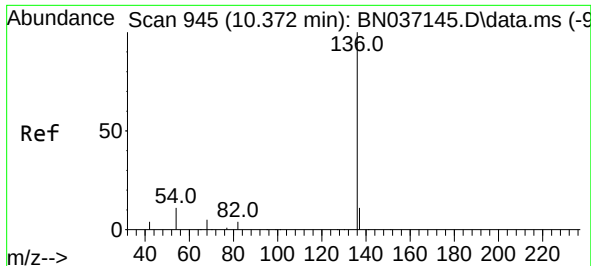
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 2345  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 38.7  | 31.3  | 46.9  |
| 71       | 48.7  | 38.2  | 57.2  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.340 ng  
RT: 7.019 min Scan# 573  
Delta R.T. -0.008 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 2167  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 90.4  | 68.6  | 103.0 |
| 95       | 33.0  | 24.3  | 36.5  |

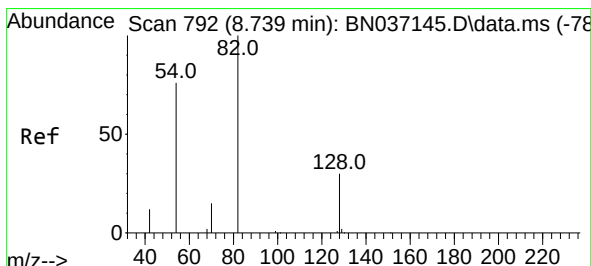
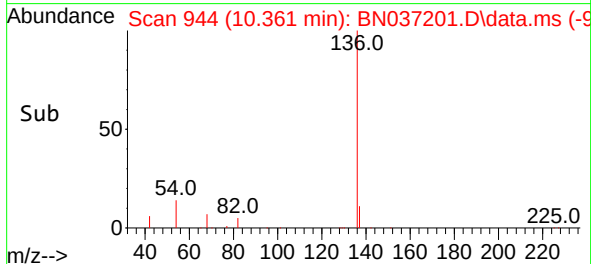
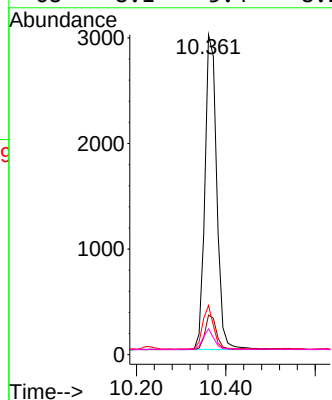
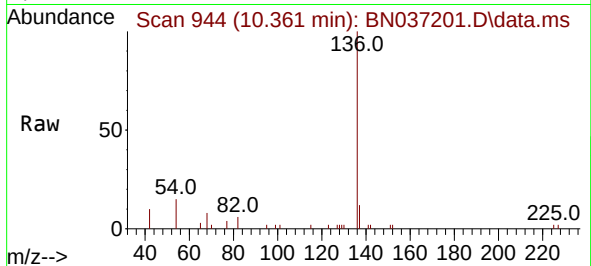




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.361 min Scan# 945  
Delta R.T. -0.011 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

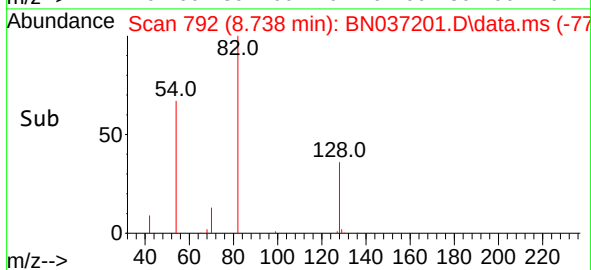
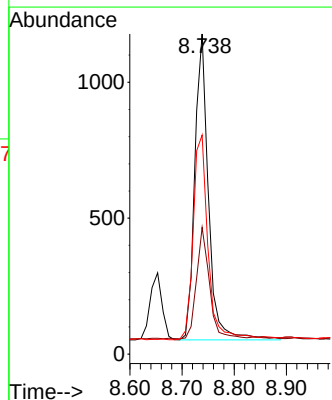
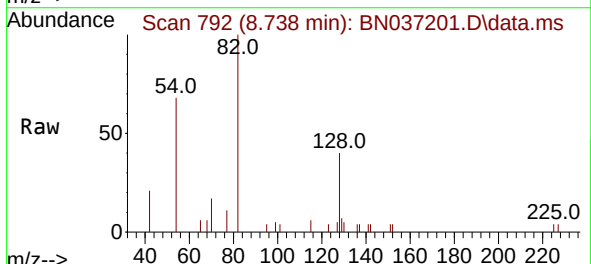
Instrument :  
BNA\_N  
ClientSampleId :  
PB168336BS

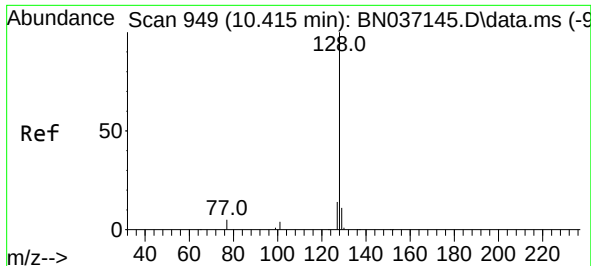
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 5466  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.3  | 9.7   | 14.5  |
| 54       | 15.3  | 9.7   | 14.5# |
| 68       | 8.1   | 5.4   | 8.2   |



#8  
Nitrobenzene-d5  
Concen: 0.358 ng  
RT: 8.738 min Scan# 792  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2065  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 39.6  | 26.9  | 40.3  |
| 54       | 68.4  | 61.4  | 92.2  |

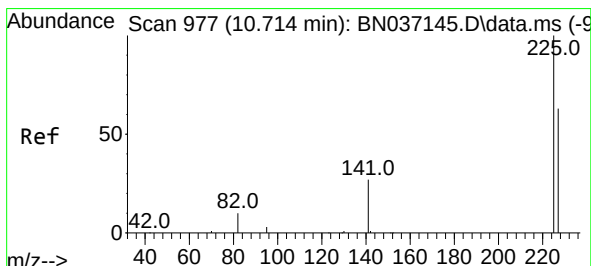
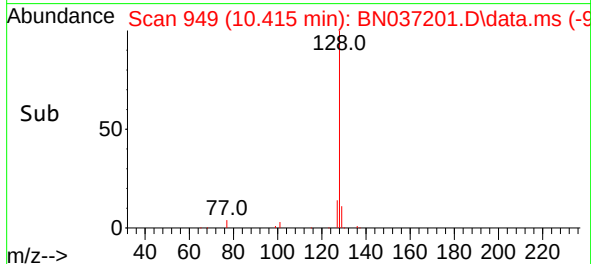
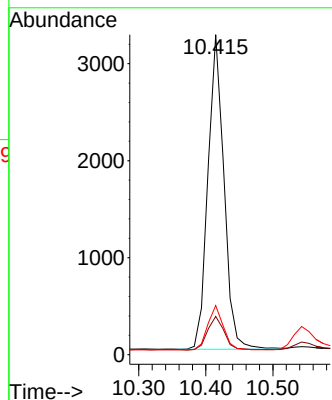
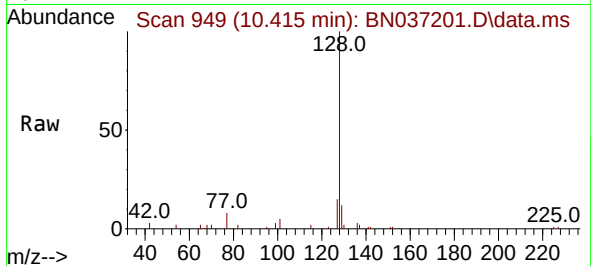




#9  
Naphthalene  
Concen: 0.342 ng  
RT: 10.415 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

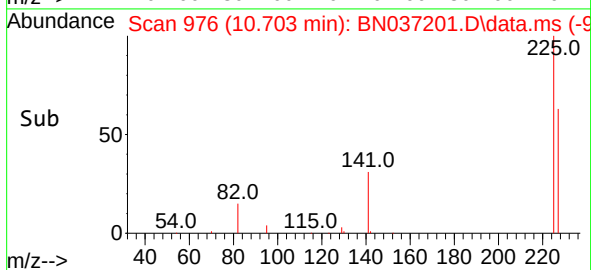
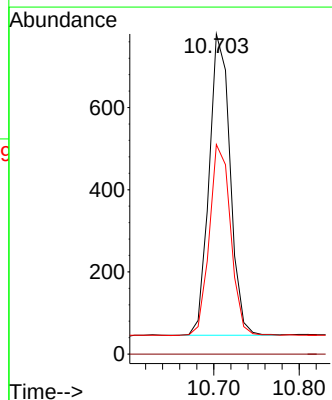
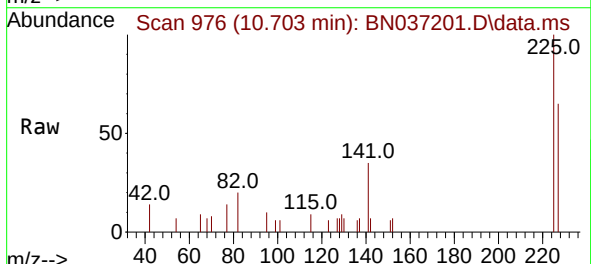
Instrument :  
BNA\_N  
ClientSampleId :  
PB168336BS

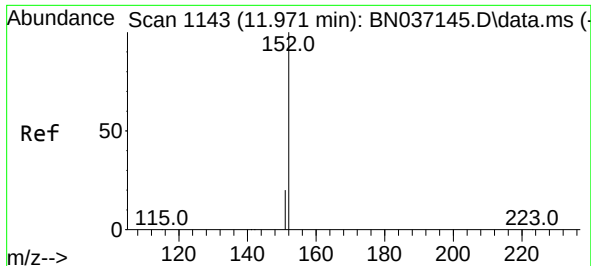
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 5395  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 12.0  | 9.8   | 14.8  |
| 127      | 15.3  | 12.3  | 18.5  |



#10  
Hexachlorobutadiene  
Concen: 0.364 ng  
RT: 10.703 min Scan# 976  
Delta R.T. -0.011 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1252  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 64.9  | 50.3  | 75.5  |

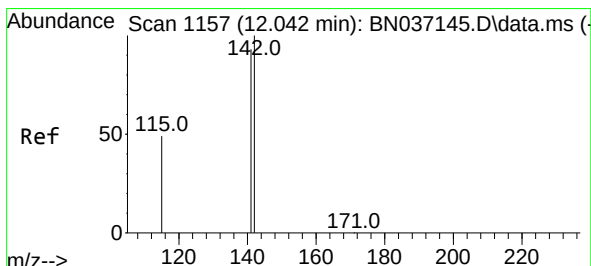
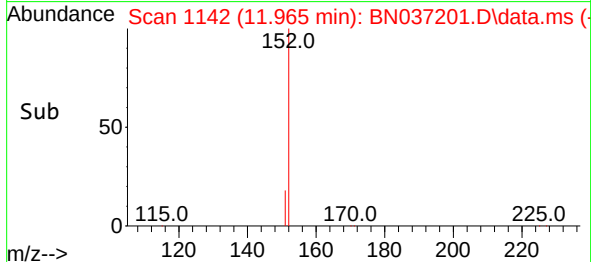
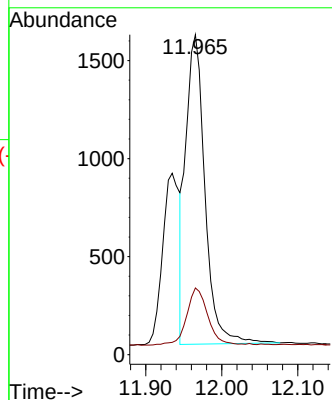
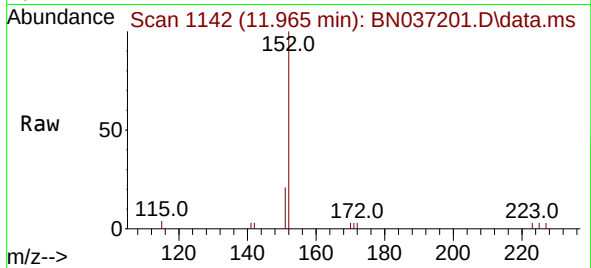




#11  
2-Methylnaphthalene-d10  
Concen: 0.362 ng  
RT: 11.965 min Scan# 1142  
Delta R.T. -0.005 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

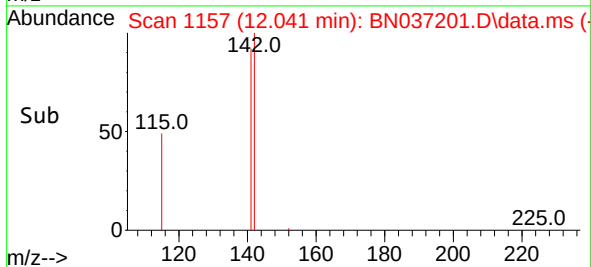
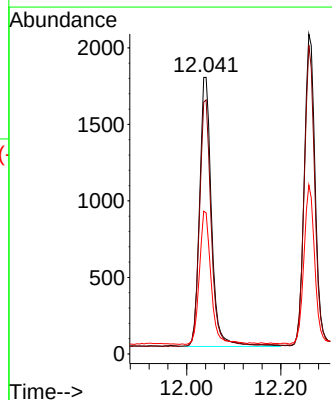
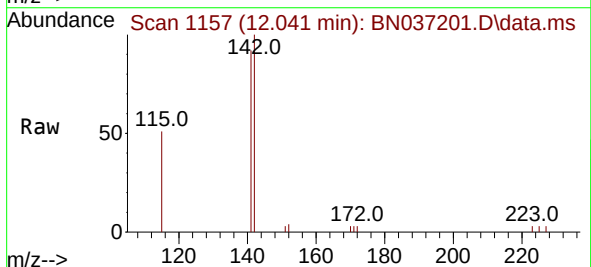
Instrument :  
BNA\_N  
ClientSampleId :  
PB168336BS

Tgt Ion:152 Resp: 2755  
Ion Ratio Lower Upper  
152 100  
151 20.6 17.1 25.7

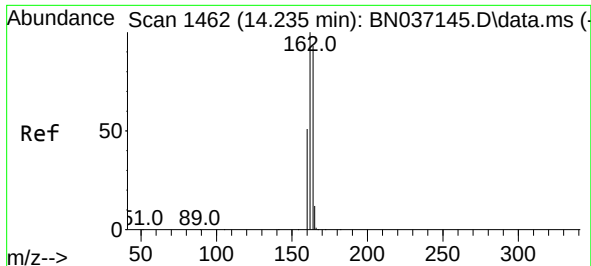


#12  
2-Methylnaphthalene  
Concen: 0.308 ng  
RT: 12.041 min Scan# 1157  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

Tgt Ion:142 Resp: 3113  
Ion Ratio Lower Upper  
142 100  
141 91.8 74.6 111.8  
115 51.0 41.0 61.4



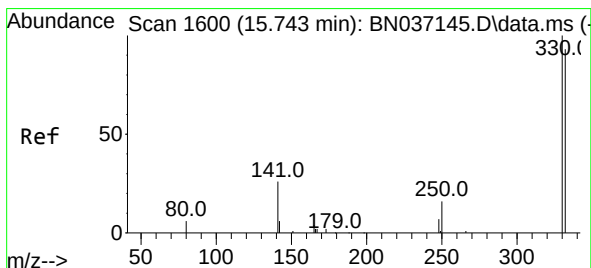
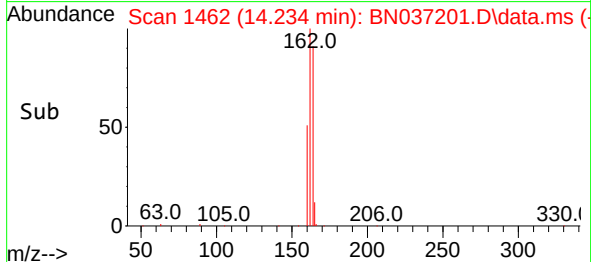
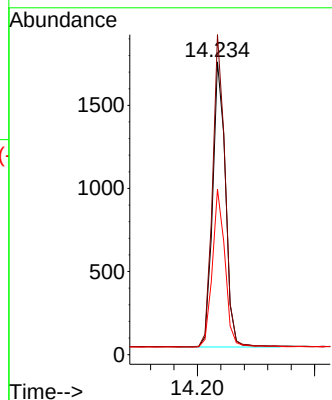
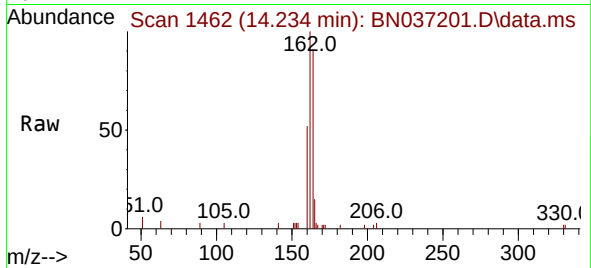




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.234 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

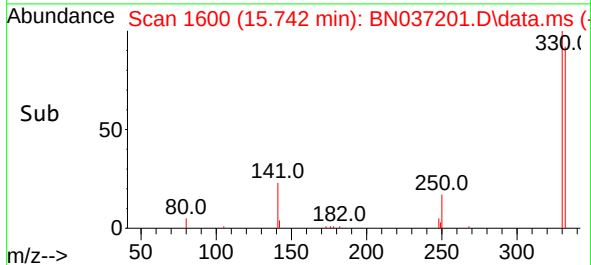
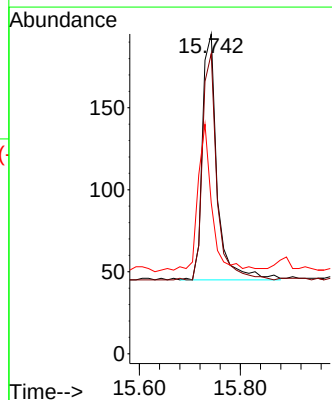
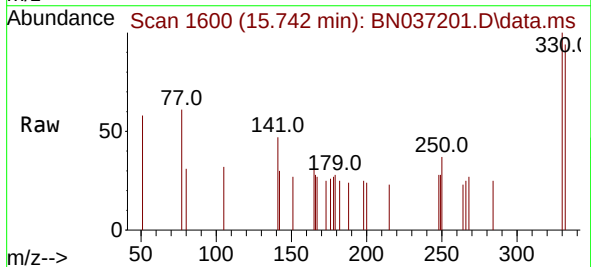
Instrument :  
BNA\_N  
ClientSampleId :  
PB168336BS

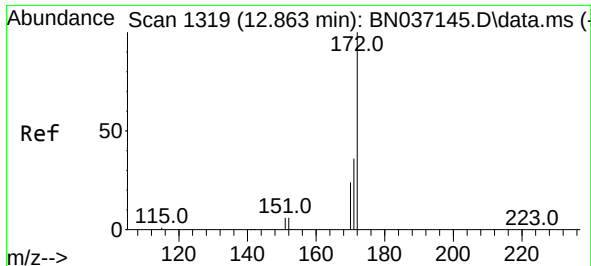
Tgt Ion:164 Resp: 2607  
Ion Ratio Lower Upper  
164 100  
162 109.3 85.5 128.3  
160 56.6 44.6 67.0



#14  
2,4,6-Tribromophenol  
Concen: 0.292 ng  
RT: 15.742 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

Tgt Ion:330 Resp: 307  
Ion Ratio Lower Upper  
330 100  
332 89.9 77.1 115.7  
141 58.3 46.4 69.6

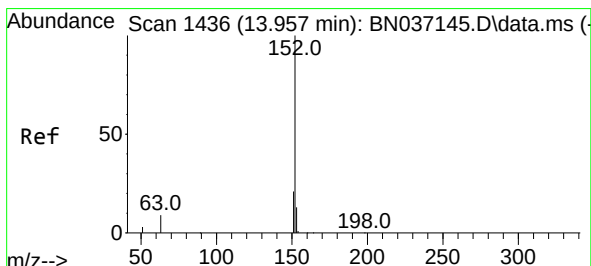
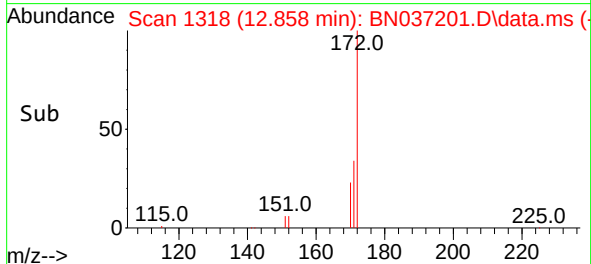
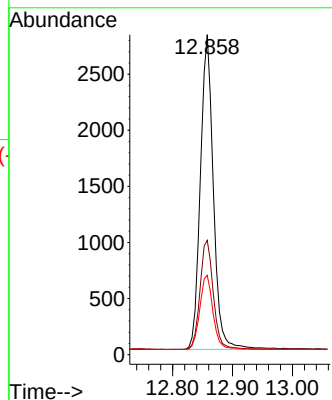
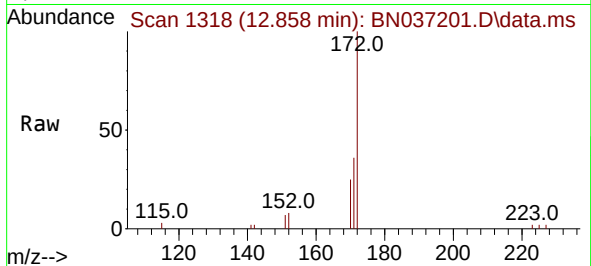




#15  
2-Fluorobiphenyl  
Concen: 0.381 ng  
RT: 12.858 min Scan# 1318  
Delta R.T. -0.005 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

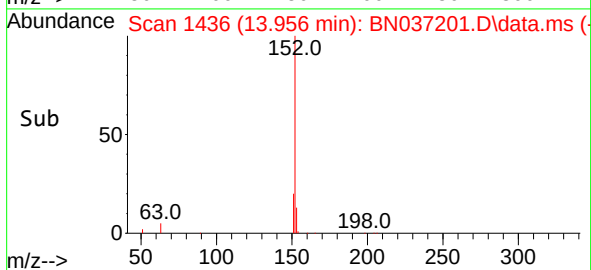
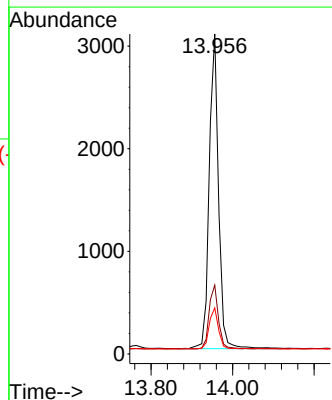
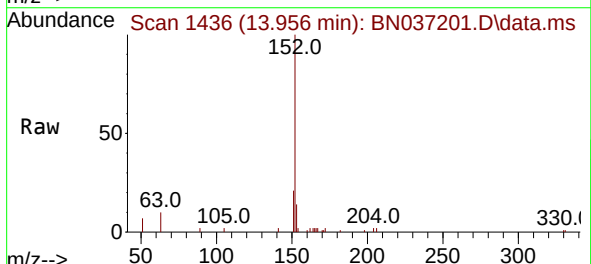
Instrument :  
BNA\_N  
ClientSampleId :  
PB168336BS

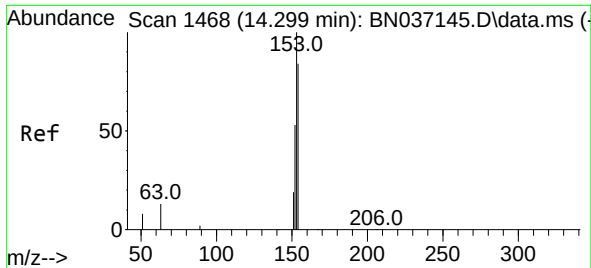
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 4234 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 35.8  | 29.6  | 44.4 |
| 170       | 24.8  | 20.3  | 30.5 |



#16  
Acenaphthylene  
Concen: 0.381 ng  
RT: 13.956 min Scan# 1436  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 4871 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 20.4  | 16.3  | 24.5 |
| 153       | 13.1  | 10.6  | 15.8 |

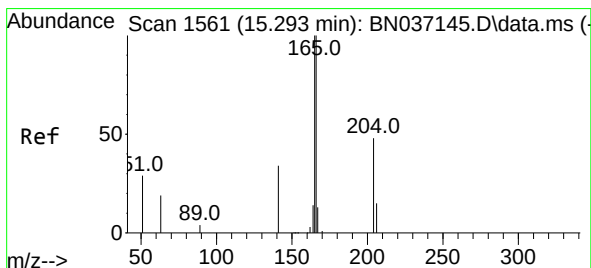
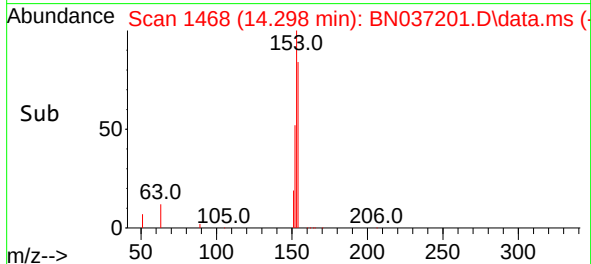
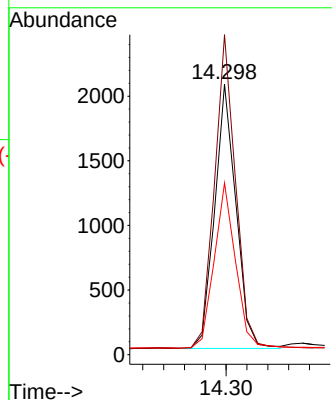
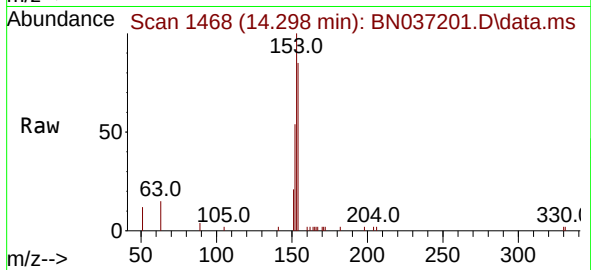




#17  
Acenaphthene  
Concen: 0.350 ng  
RT: 14.298 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

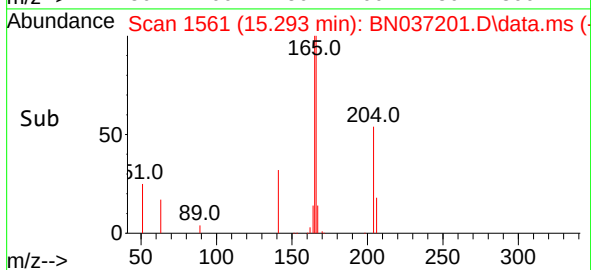
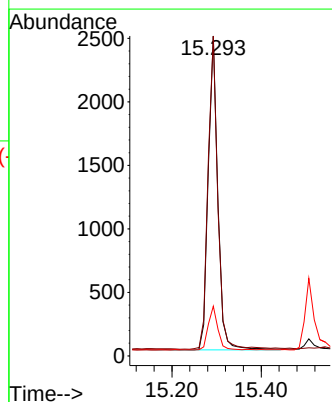
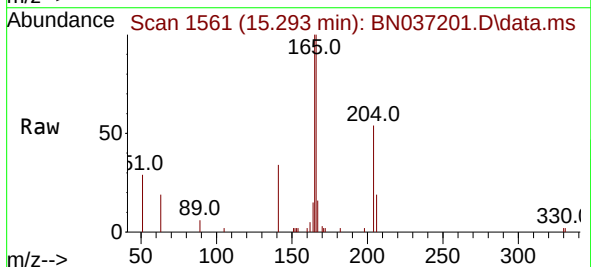
Instrument :  
BNA\_N  
ClientSampleId :  
PB168336BS

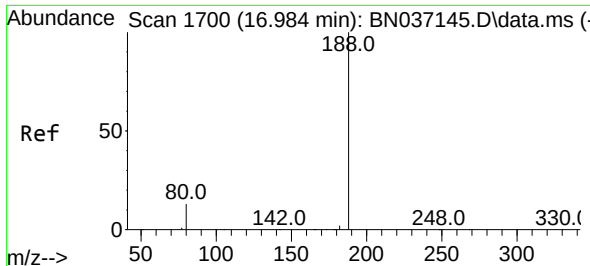
Tgt Ion:154 Resp: 2908  
Ion Ratio Lower Upper  
154 100  
153 117.8 93.8 140.8  
152 63.4 50.5 75.7



#18  
Fluorene  
Concen: 0.337 ng  
RT: 15.293 min Scan# 1561  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

Tgt Ion:166 Resp: 3677  
Ion Ratio Lower Upper  
166 100  
165 101.0 81.1 121.7  
167 13.8 10.8 16.2

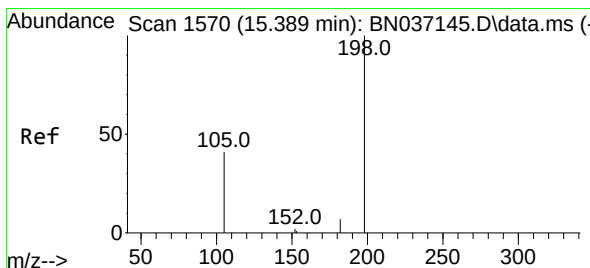
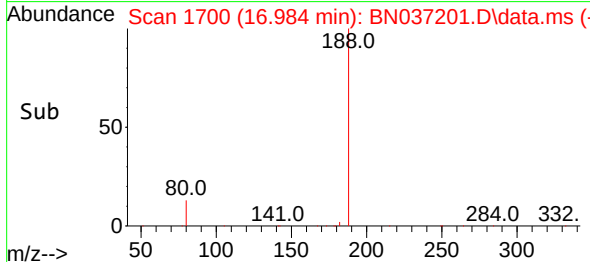
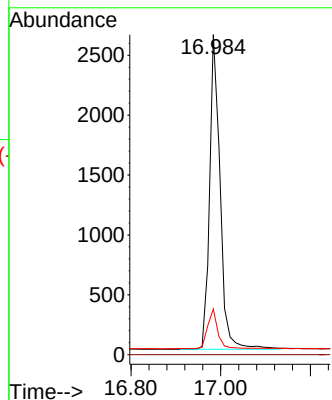
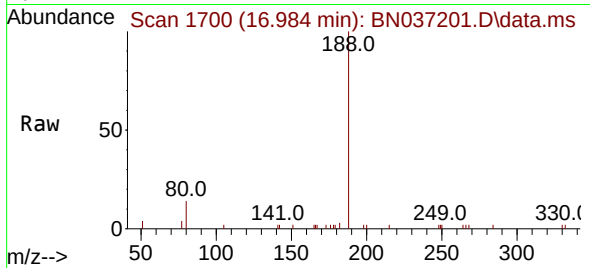




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.984 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

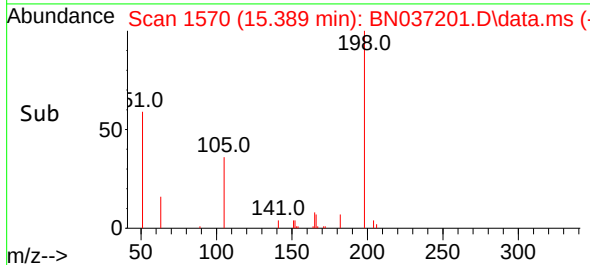
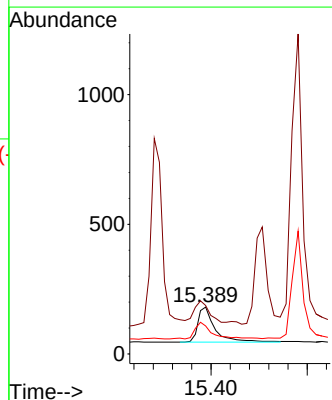
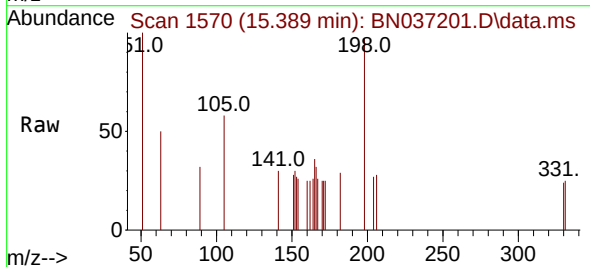
Instrument :  
BNA\_N  
ClientSampleId :  
PB168336BS

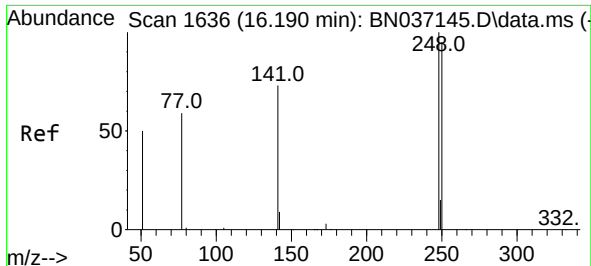
Tgt Ion:188 Resp: 4253  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.3 11.3 16.9



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.545 ng  
RT: 15.389 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

Tgt Ion:198 Resp: 337  
Ion Ratio Lower Upper  
198 100  
51 103.3 125.2 187.8#  
105 59.7 57.1 85.7

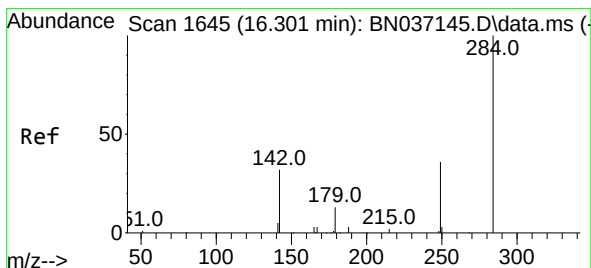
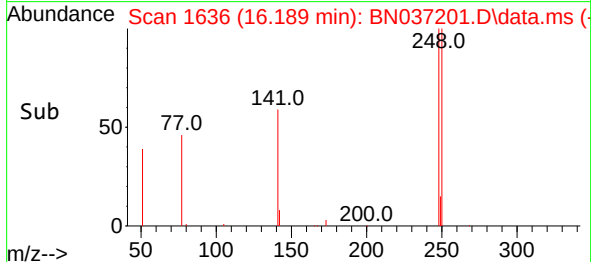
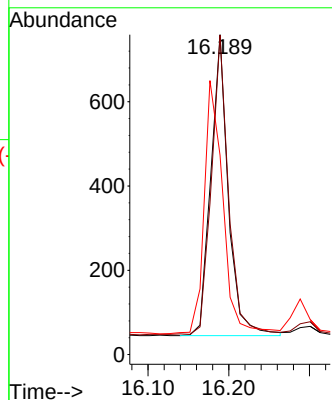
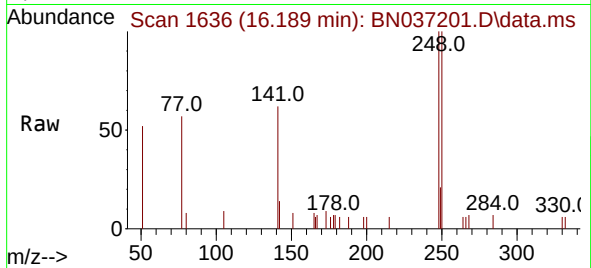




#21  
4-Bromophenyl-phenylether  
Concen: 0.385 ng  
RT: 16.189 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

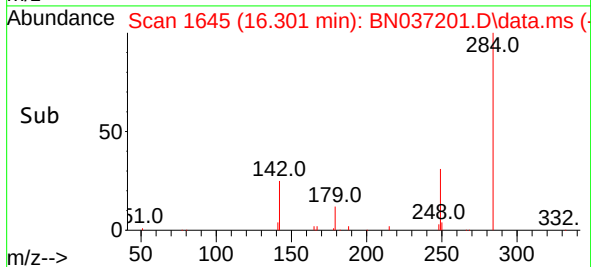
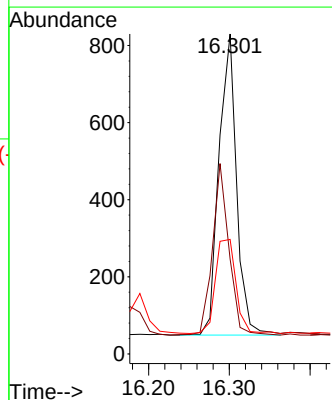
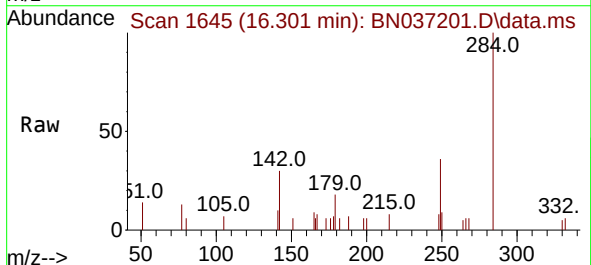
Instrument :  
BNA\_N  
ClientSampleId :  
PB168336BS

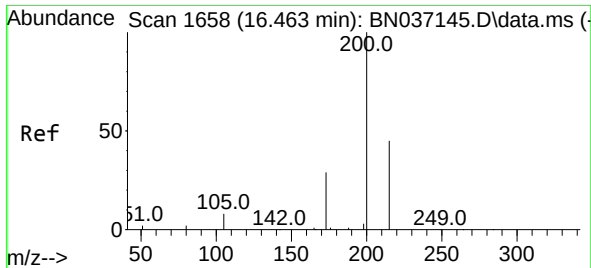
Tgt Ion:248 Resp: 1073  
Ion Ratio Lower Upper  
248 100  
250 99.9 76.1 114.1  
141 62.3 60.1 90.1



#22  
Hexachlorobenzene  
Concen: 0.394 ng  
RT: 16.301 min Scan# 1645  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

Tgt Ion:284 Resp: 1184  
Ion Ratio Lower Upper  
284 100  
142 53.0 44.0 66.0  
249 36.7 29.7 44.5

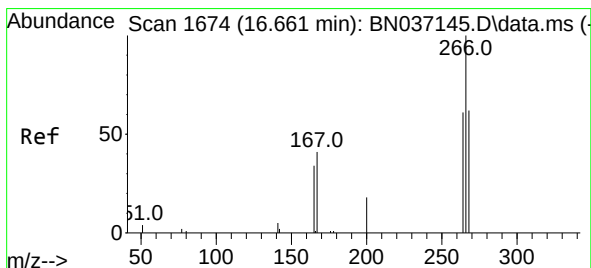
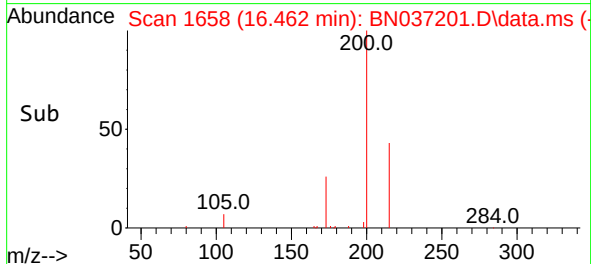
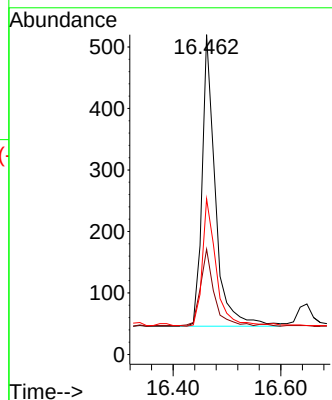
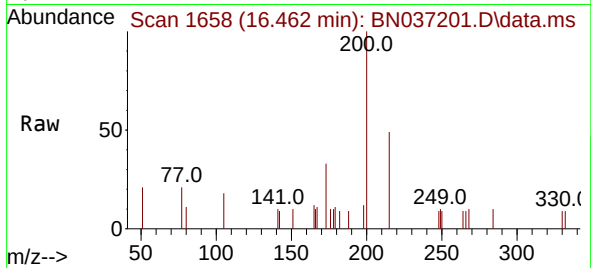




#23  
 Atrazine  
 Concen: 0.352 ng  
 RT: 16.462 min Scan# 1658  
 Delta R.T. -0.000 min  
 Lab File: BN037201.D  
 Acq: 09 Jun 2025 20:40

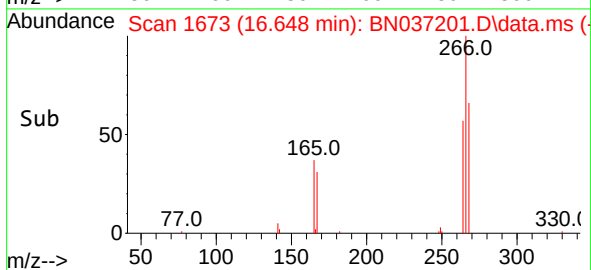
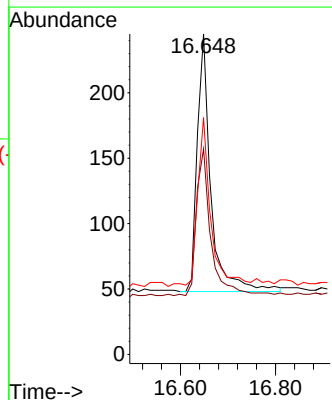
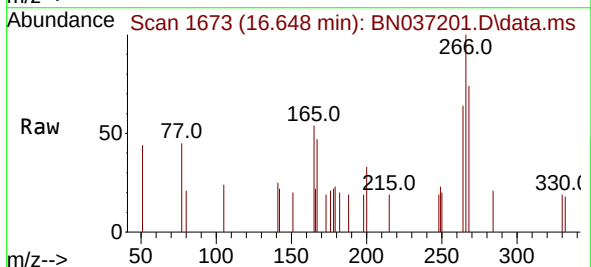
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168336BS

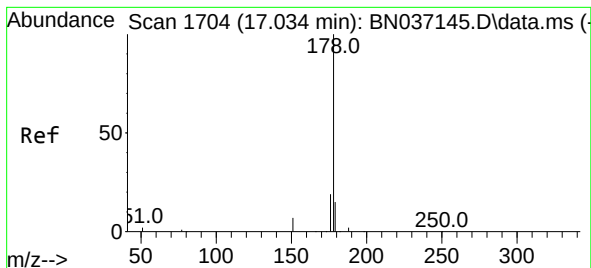
Tgt Ion:200 Resp: 810  
 Ion Ratio Lower Upper  
 200 100  
 173 32.9 28.1 42.1  
 215 48.7 39.3 58.9



#24  
 Pentachlorophenol  
 Concen: 0.433 ng  
 RT: 16.648 min Scan# 1673  
 Delta R.T. -0.013 min  
 Lab File: BN037201.D  
 Acq: 09 Jun 2025 20:40

Tgt Ion:266 Resp: 393  
 Ion Ratio Lower Upper  
 266 100  
 264 60.3 49.3 73.9  
 268 63.4 49.0 73.4





#25

Phenanthrene

Concen: 0.360 ng

RT: 17.033 min Scan# 1704

Delta R.T. -0.000 min

Lab File: BN037201.D

Acq: 09 Jun 2025 20:40

Instrument :

BNA\_N

ClientSampleId :

PB168336BS

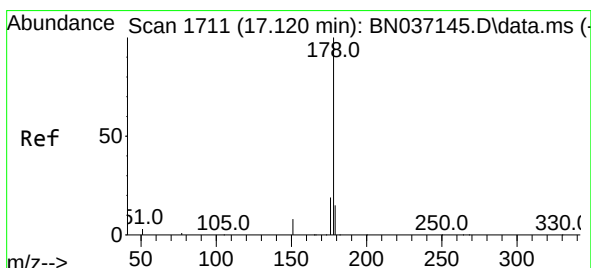
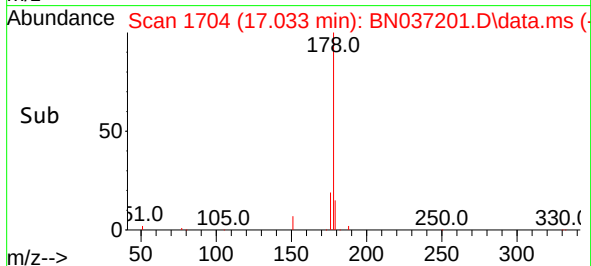
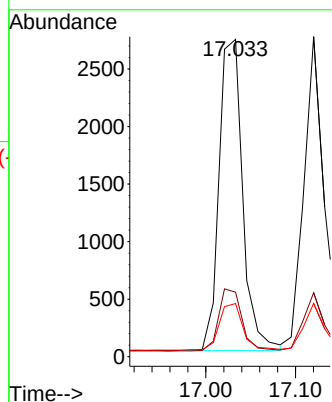
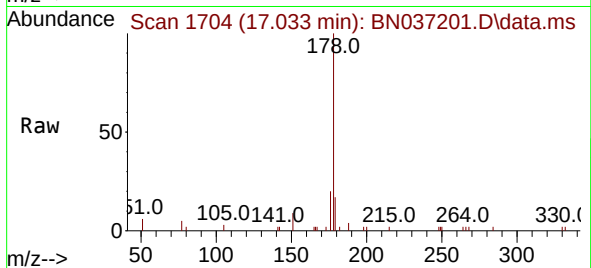
Tgt Ion:178 Resp: 4954

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 15.5 12.3 18.5



#26

Anthracene

Concen: 0.358 ng

RT: 17.120 min Scan# 1711

Delta R.T. -0.000 min

Lab File: BN037201.D

Acq: 09 Jun 2025 20:40

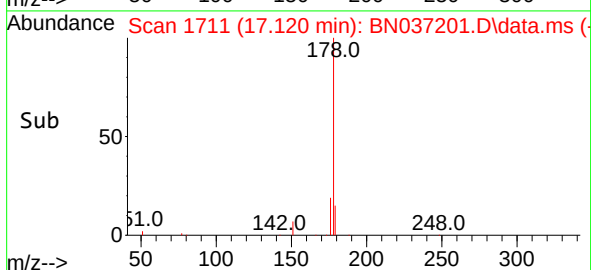
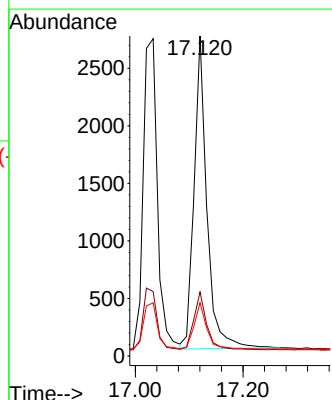
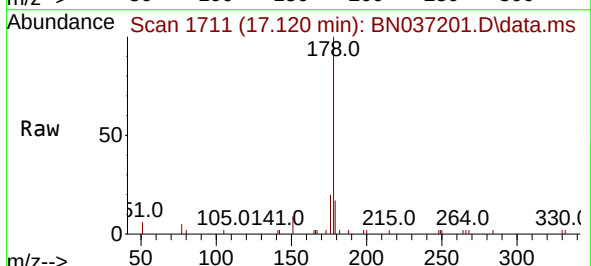
Tgt Ion:178 Resp: 4498

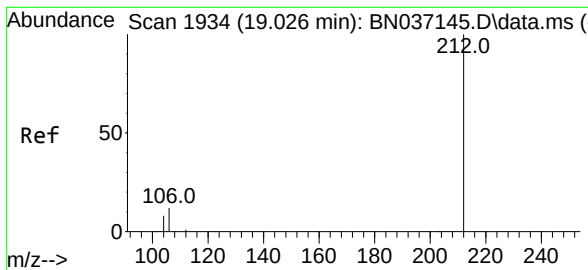
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

179 14.7 12.9 19.3

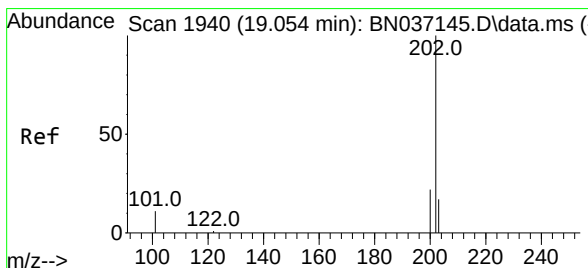
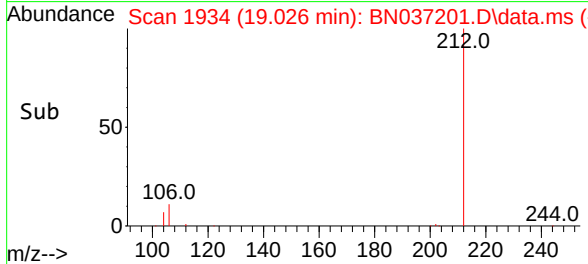
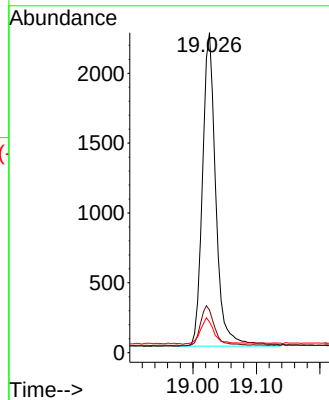
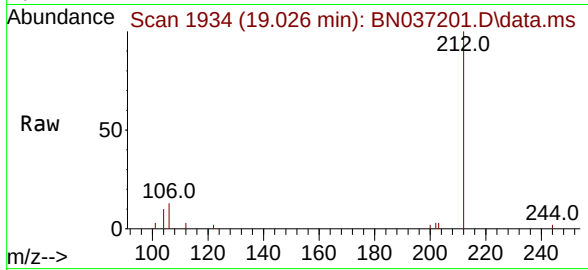




#27  
Fluoranthene-d10  
Concen: 0.303 ng  
RT: 19.026 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

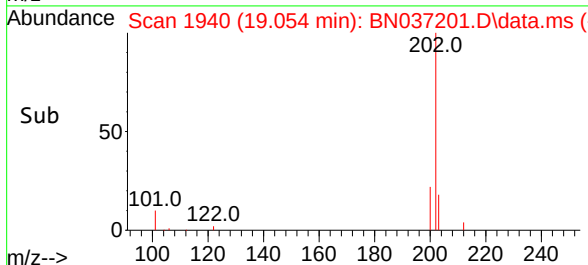
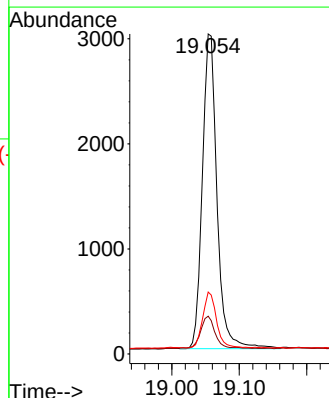
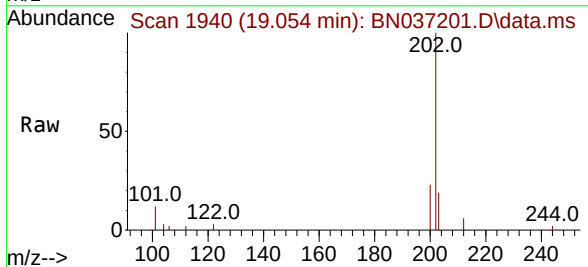
Instrument :  
BNA\_N  
ClientSampleId :  
PB168336BS

Tgt Ion:212 Resp: 3278  
Ion Ratio Lower Upper  
212 100  
106 13.2 10.6 15.8  
104 8.4 6.6 9.8

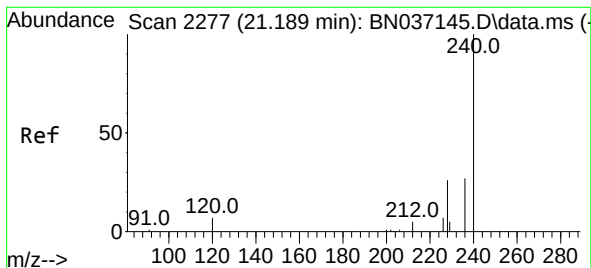


#28  
Fluoranthene  
Concen: 0.297 ng  
RT: 19.054 min Scan# 1940  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

Tgt Ion:202 Resp: 4519  
Ion Ratio Lower Upper  
202 100  
101 10.8 8.7 13.1  
203 16.8 13.5 20.3







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.188 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037201.D

Acq: 09 Jun 2025 20:40

Instrument :

BNA\_N

ClientSampleId :

PB168336BS

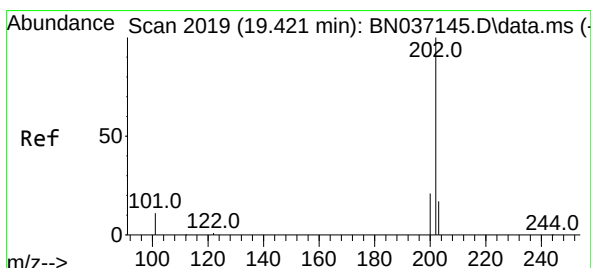
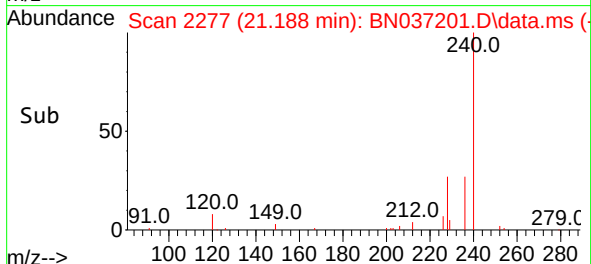
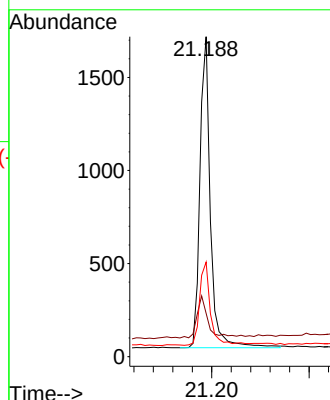
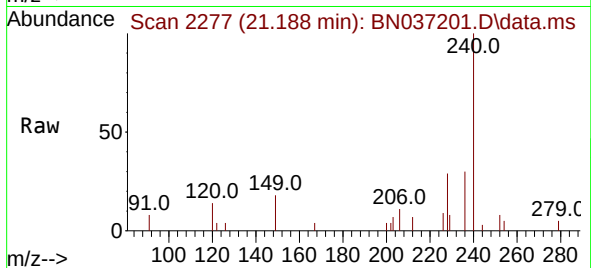
Tgt Ion:240 Resp: 2468

Ion Ratio Lower Upper

240 100

120 13.6 9.0 13.4#

236 29.6 23.0 34.4



#30

Pyrene

Concen: 0.369 ng

RT: 19.416 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BN037201.D

Acq: 09 Jun 2025 20:40

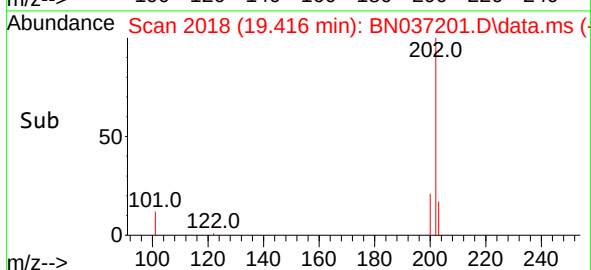
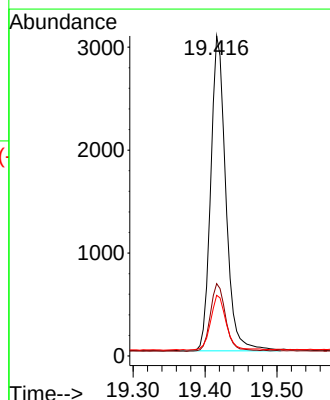
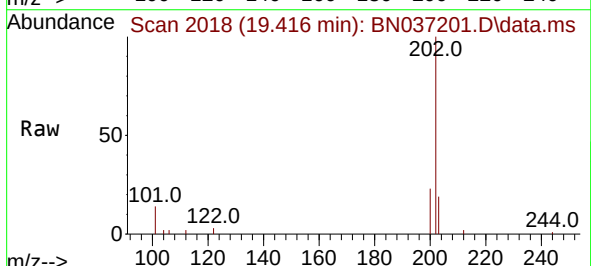
Tgt Ion:202 Resp: 4443

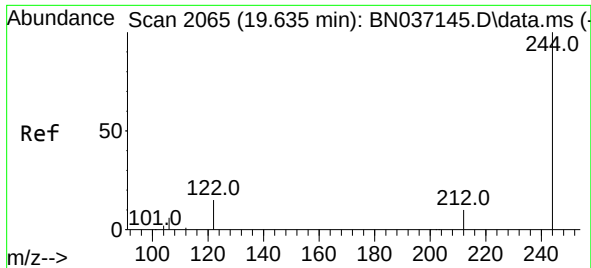
Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

203 17.9 14.2 21.4

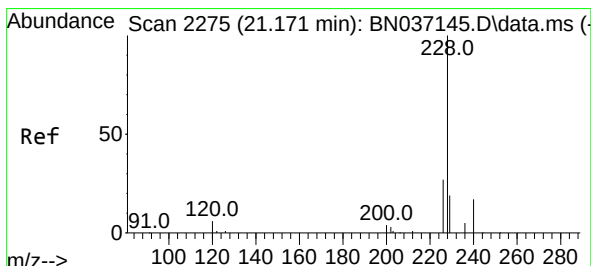
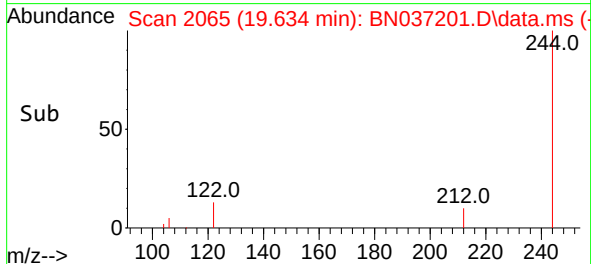
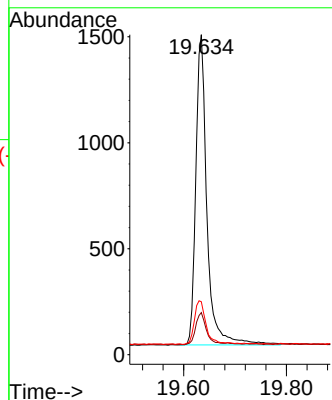
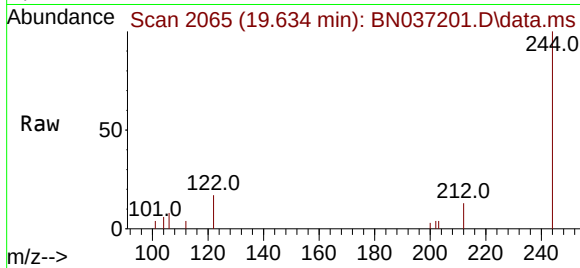




#31  
 Terphenyl-d14  
 Concen: 0.381 ng  
 RT: 19.634 min Scan# 2065  
 Delta R.T. -0.000 min  
 Lab File: BN037201.D  
 Acq: 09 Jun 2025 20:40

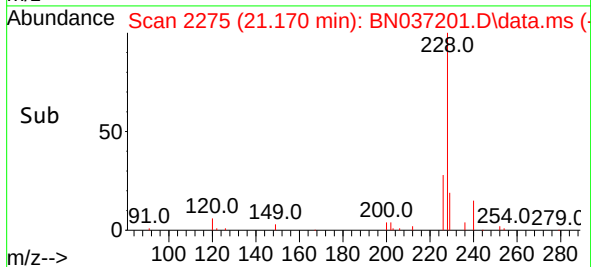
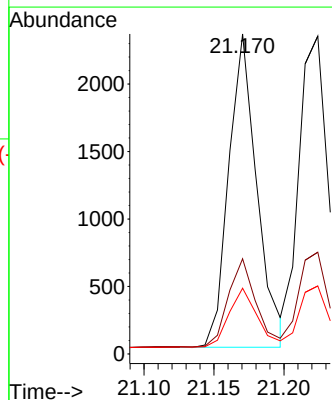
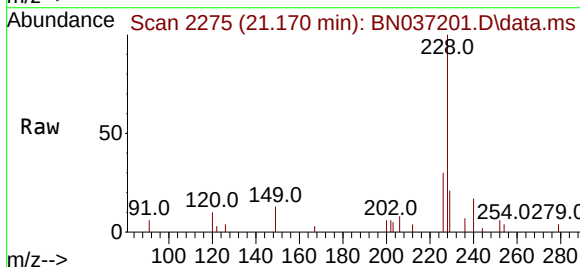
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168336BS

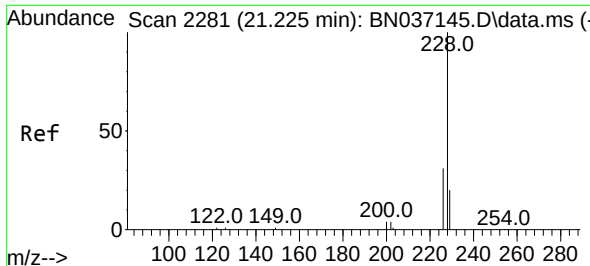
|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:244 | Resp: | 2215  |
| Ion | Ratio   | Lower | Upper |
| 244 | 100     |       |       |
| 212 | 13.2    | 10.0  | 15.0  |
| 122 | 16.6    | 13.2  | 19.8  |



#32  
 Benzo(a)anthracene  
 Concen: 0.364 ng  
 RT: 21.170 min Scan# 2275  
 Delta R.T. -0.000 min  
 Lab File: BN037201.D  
 Acq: 09 Jun 2025 20:40

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:228 | Resp: | 3255  |       |
| Ion         | Ratio | Lower | Upper |
| 228         | 100   |       |       |
| 226         | 29.7  | 22.6  | 33.8  |
| 229         | 20.5  | 16.2  | 24.2  |

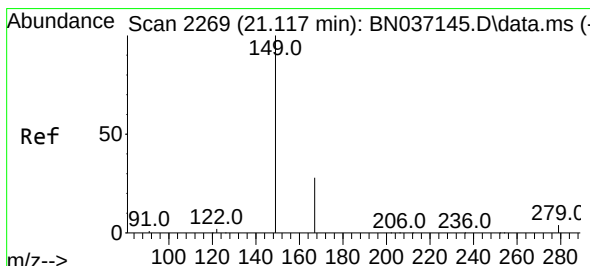
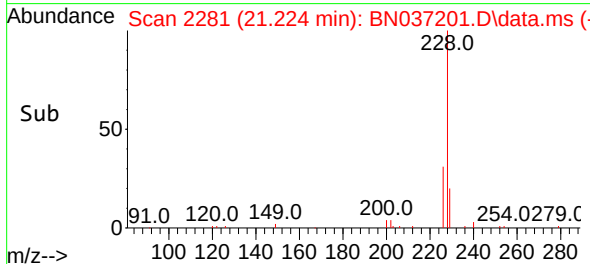
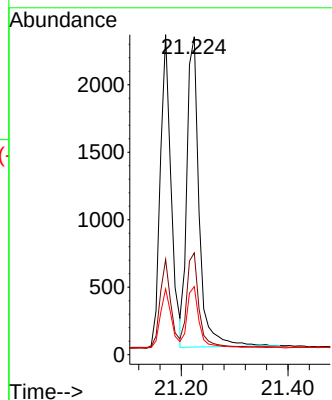
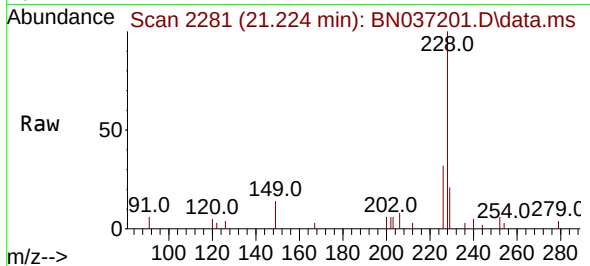




#33  
Chrysene  
Concen: 0.368 ng  
RT: 21.224 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

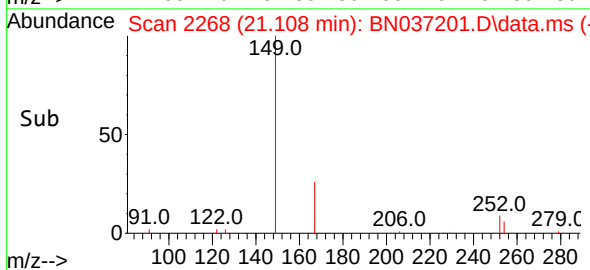
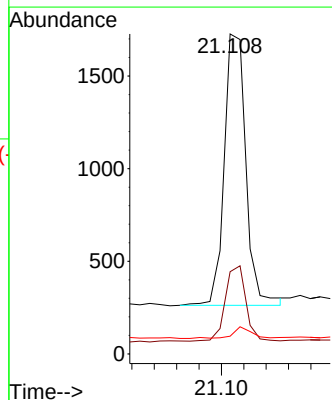
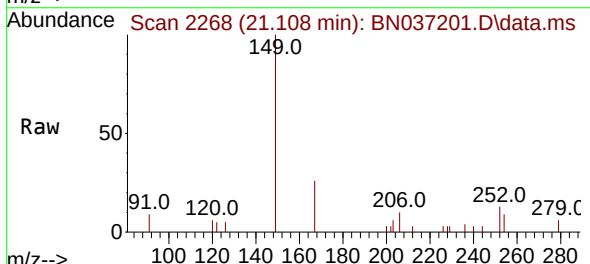
Instrument :  
BNA\_N  
ClientSampleId :  
PB168336BS

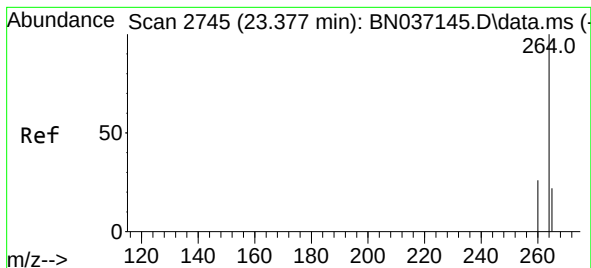
Tgt Ion:228 Resp: 3659  
Ion Ratio Lower Upper  
228 100  
226 32.0 25.2 37.8  
229 21.4 16.8 25.2



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.350 ng  
RT: 21.108 min Scan# 2268  
Delta R.T. -0.009 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

Tgt Ion:149 Resp: 1974  
Ion Ratio Lower Upper  
149 100  
167 26.2 21.0 31.4  
279 3.6 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: BN037201.D

Acq: 09 Jun 2025 20:40

Instrument :

BNA\_N

ClientSampleId :

PB168336BS

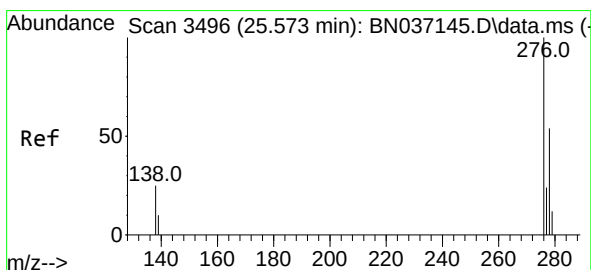
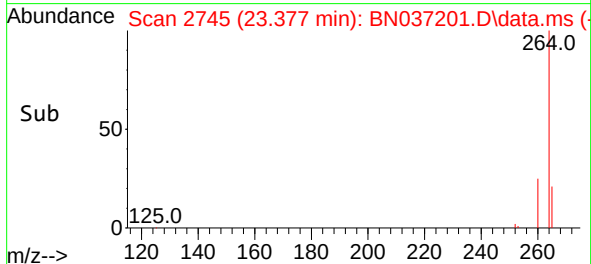
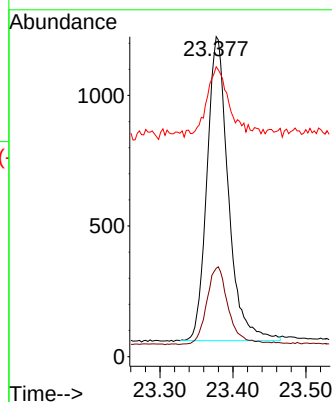
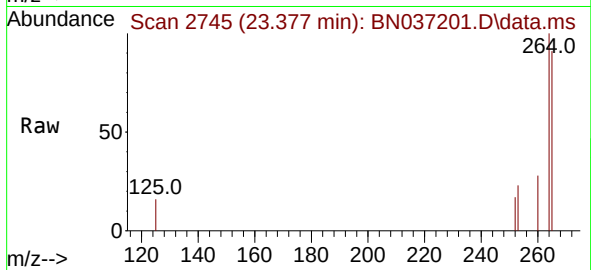
Tgt Ion:264 Resp: 2373

Ion Ratio Lower Upper

264 100

260 27.6 22.1 33.1

265 90.6 55.8 83.8#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.437 ng

RT: 25.573 min Scan# 3496

Delta R.T. -0.000 min

Lab File: BN037201.D

Acq: 09 Jun 2025 20:40

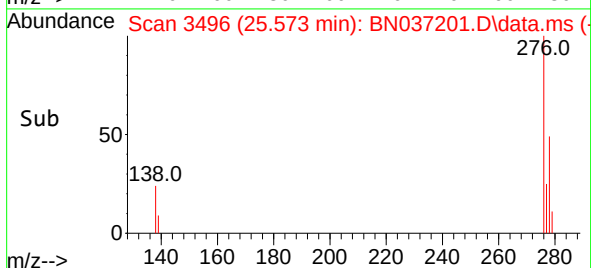
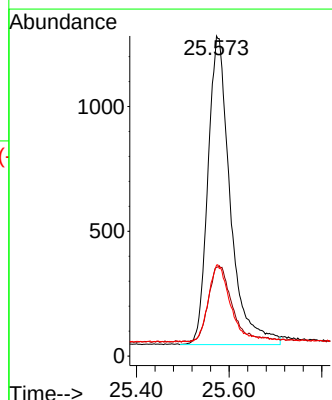
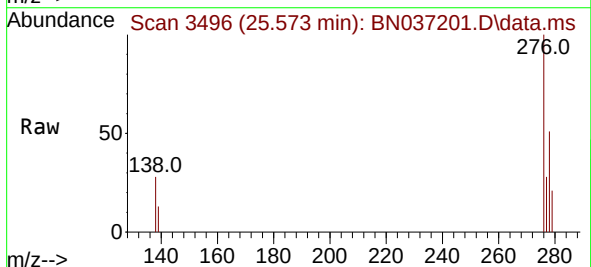
Tgt Ion:276 Resp: 4127

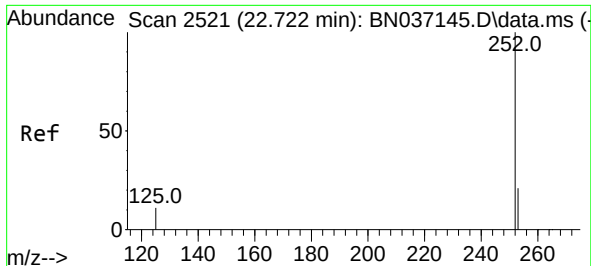
Ion Ratio Lower Upper

276 100

138 24.5 21.0 31.6

277 24.4 19.4 29.2

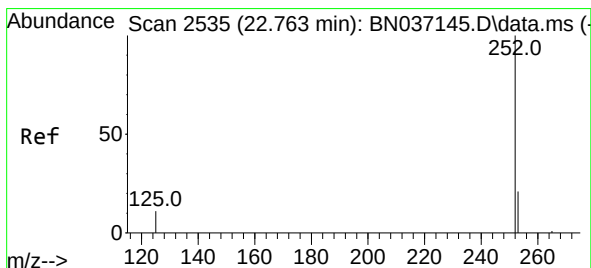
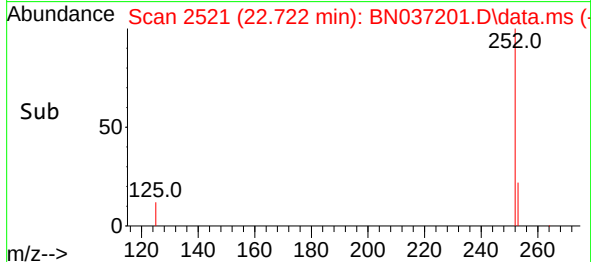
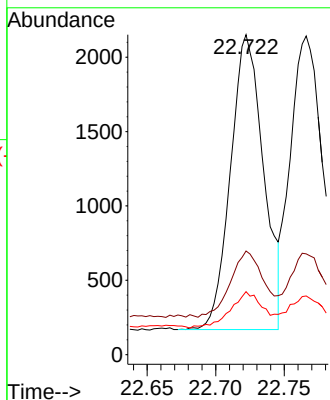
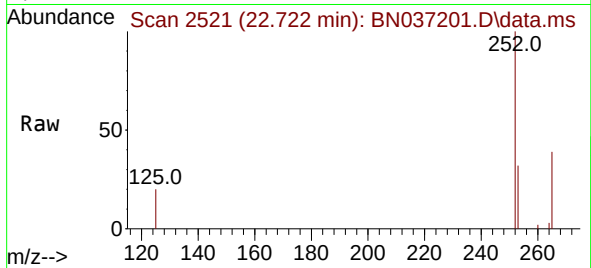




#37  
Benzo(b)fluoranthene  
Concen: 0.346 ng  
RT: 22.722 min Scan# 2521  
Delta R.T. -0.000 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

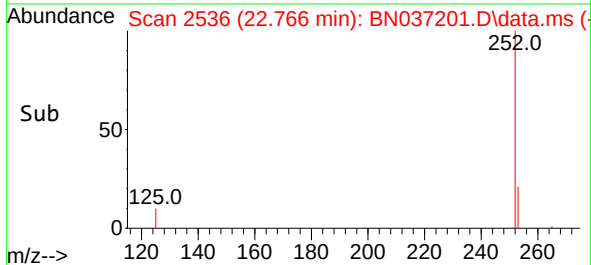
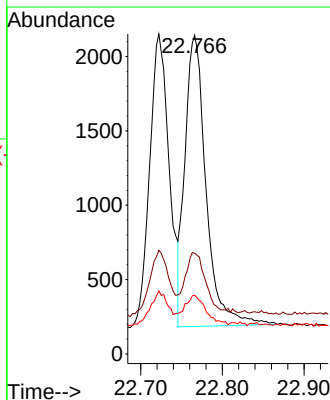
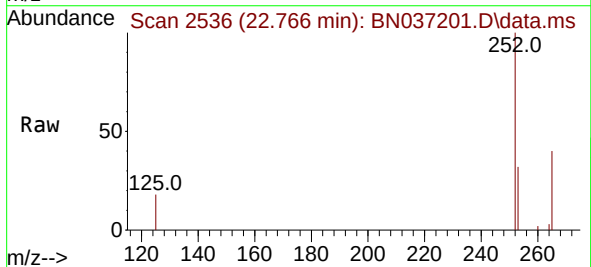
Instrument :  
BNA\_N  
ClientSampleId :  
PB168336BS

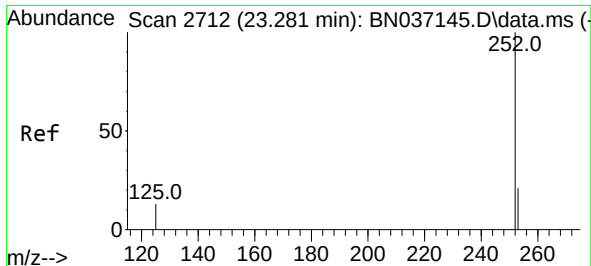
Tgt Ion:252 Resp: 3317  
Ion Ratio Lower Upper  
252 100  
253 32.4 22.3 33.5  
125 19.7 13.2 19.8



#38  
Benzo(k)fluoranthene  
Concen: 0.360 ng  
RT: 22.766 min Scan# 2536  
Delta R.T. 0.003 min  
Lab File: BN037201.D  
Acq: 09 Jun 2025 20:40

Tgt Ion:252 Resp: 3519  
Ion Ratio Lower Upper  
252 100  
253 31.6 22.2 33.4  
125 18.4 13.2 19.8





#39

Benzo(a)pyrene

Concen: 0.393 ng

RT: 23.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN037201.D

Acq: 09 Jun 2025 20:40

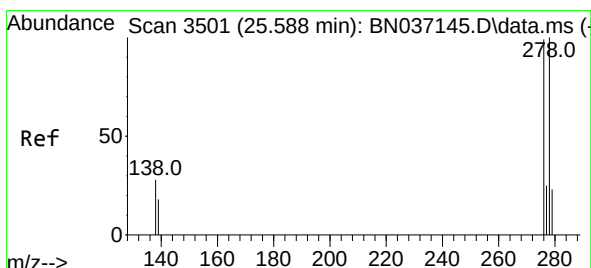
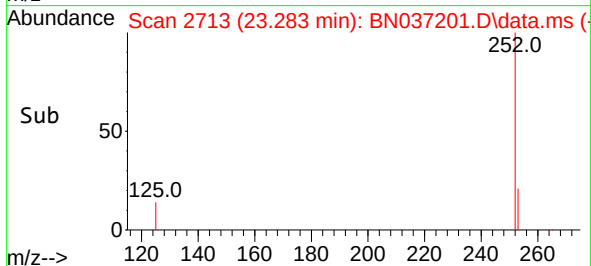
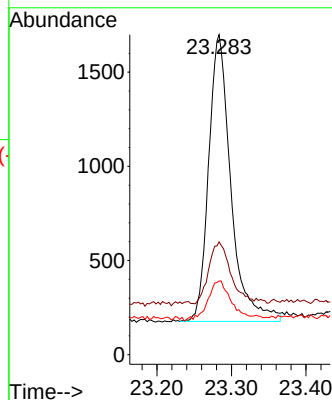
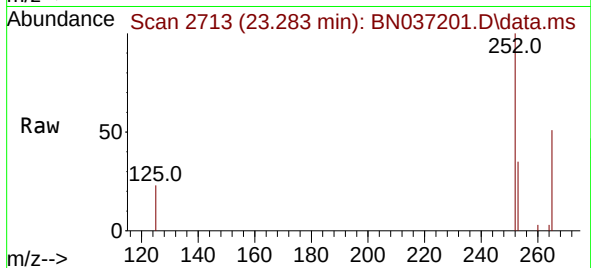
Instrument :

BNA\_N

ClientSampleId :

PB168336BS

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 3154 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 35.3  | 25.0  | 37.4 |
| 125       | 23.1  | 17.0  | 25.6 |



#40

Dibenzo(a,h)anthracene

Concen: 0.442 ng

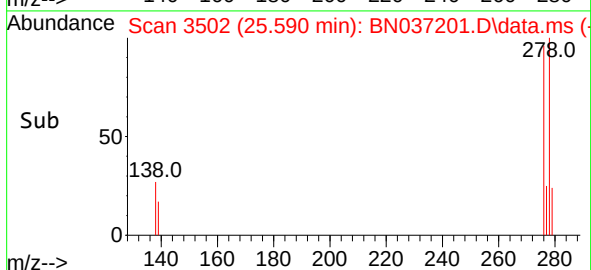
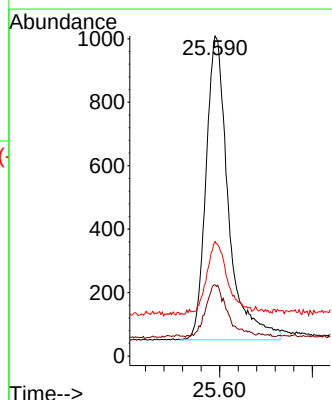
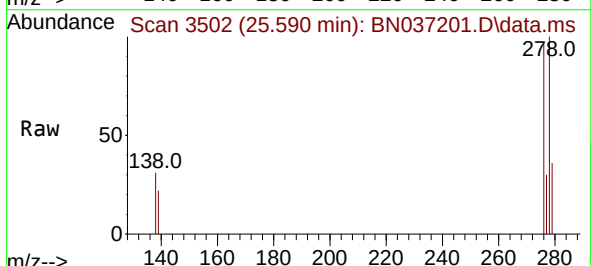
RT: 25.590 min Scan# 3502

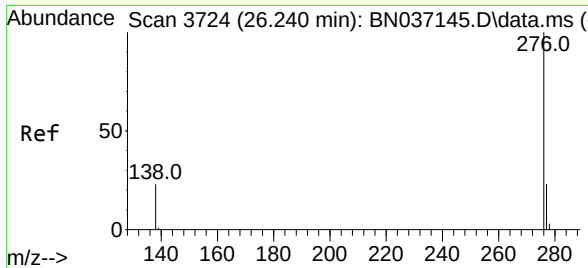
Delta R.T. 0.003 min

Lab File: BN037201.D

Acq: 09 Jun 2025 20:40

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 278   | Resp: | 3219 |
| Ion Ratio | Lower | Upper |      |
| 278       | 100   |       |      |
| 139       | 22.2  | 17.6  | 26.4 |
| 279       | 35.8  | 26.0  | 39.0 |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.422 ng  
 RT: 26.248 min Scan# 31  
 Delta R.T. 0.008 min  
 Lab File: BN037201.D  
 Acq: 09 Jun 2025 20:40

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168336BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 3529  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 26.6  | 20.9  | 31.3  |
| 138      | 25.8  | 20.8  | 31.2  |

