

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042925\  
 Data File : BN036939.D  
 Acq On : 29 Apr 2025 14:54  
 Operator : RC/JU  
 Sample : PB167728BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167728BS

Quant Time: Apr 29 17:05:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN042825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 28 15:35:03 2025  
 Response via : Initial Calibration

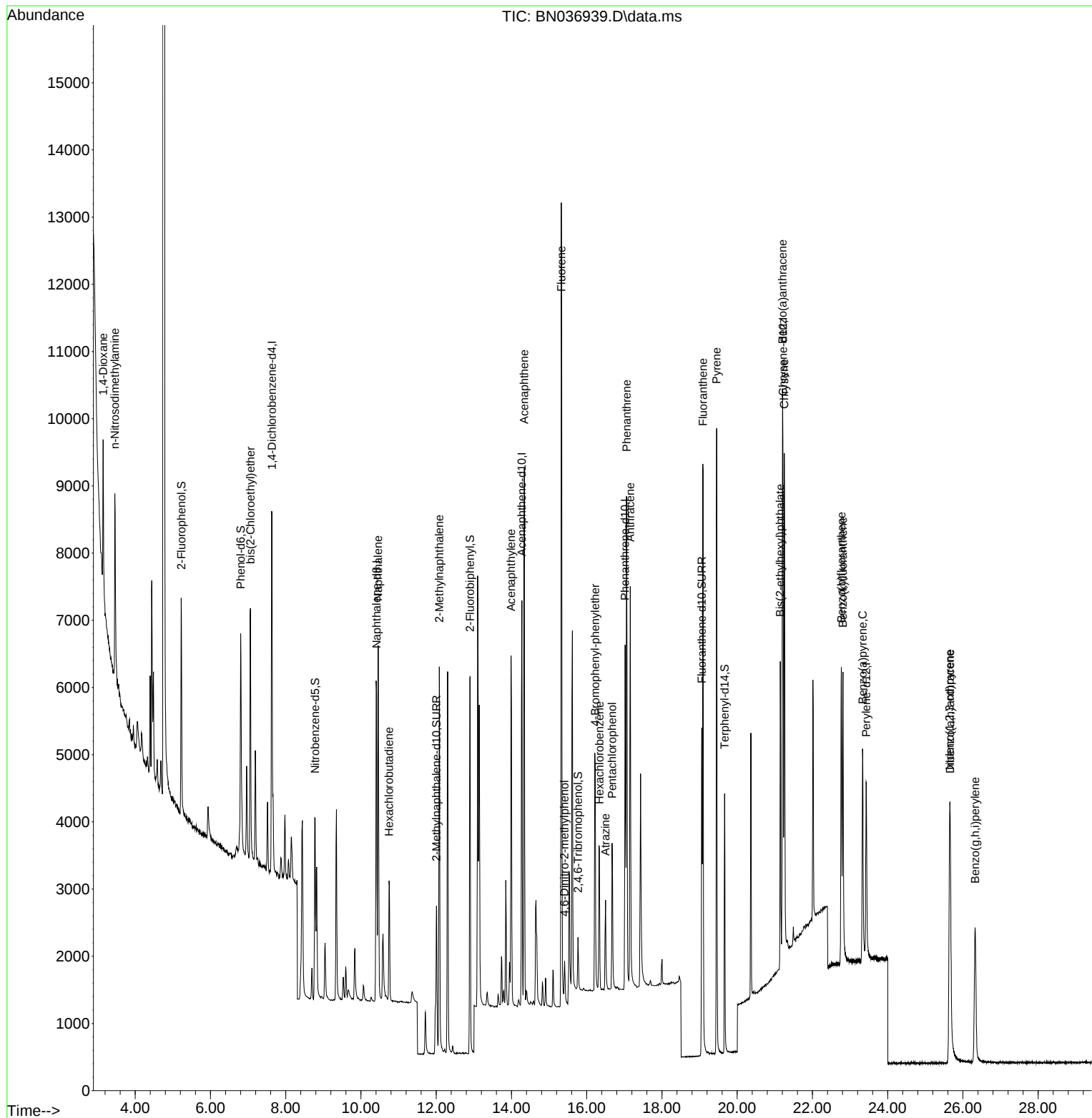
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.633  | 152  | 2630     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.415 | 136  | 6464     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.277 | 164  | 3313     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.021 | 188  | 6630     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.215 | 240  | 4615     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.427 | 264  | 3648     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.228  | 112  | 2288     | 0.340 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.802  | 99   | 2763     | 0.334 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.781  | 82   | 2355     | 0.348 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.006 | 152  | 4410     | 0.488 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.767 | 330  | 425      | 0.288 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.899 | 172  | 5876     | 0.367 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.059 | 212  | 5638     | 0.328 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.667 | 244  | 3891     | 0.357 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.148  | 88   | 987      | 0.301 | ng    | # 29     |
| 3) n-Nitrosodimethylamine     | 3.458  | 42   | 2316     | 0.364 | ng    | # 96     |
| 6) bis(2-Chloroethyl)ether    | 7.062  | 93   | 2793     | 0.364 | ng    | 100      |
| 9) Naphthalene                | 10.458 | 128  | 6723     | 0.357 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.746 | 225  | 1495     | 0.367 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.082 | 142  | 4170     | 0.343 | ng    | 99       |
| 16) Acenaphthylene            | 13.989 | 152  | 5922     | 0.366 | ng    | 100      |
| 17) Acenaphthene              | 14.341 | 154  | 3799     | 0.357 | ng    | 100      |
| 18) Fluorene                  | 15.325 | 166  | 4845     | 0.348 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.410 | 198  | 500      | 0.285 | ng    | # 84     |
| 21) 4-Bromophenyl-phenylether | 16.227 | 248  | 1453     | 0.328 | ng    | 97       |
| 22) Hexachlorobenzene         | 16.338 | 284  | 1684     | 0.347 | ng    | 99       |
| 23) Atrazine                  | 16.500 | 200  | 1212     | 0.339 | ng    | 100      |
| 24) Pentachlorophenol         | 16.673 | 266  | 1129     | 0.434 | ng    | 98       |
| 25) Phenanthrene              | 17.058 | 178  | 7651     | 0.350 | ng    | 100      |
| 26) Anthracene                | 17.158 | 178  | 6917     | 0.349 | ng    | 99       |
| 28) Fluoranthene              | 19.091 | 202  | 8047     | 0.328 | ng    | 99       |
| 30) Pyrene                    | 19.454 | 202  | 8127     | 0.366 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.206 | 228  | 6248     | 0.368 | ng    | 99       |
| 33) Chrysene                  | 21.251 | 228  | 6782     | 0.370 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.144 | 149  | 3141     | 0.325 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.646 | 276  | 5275     | 0.354 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.769 | 252  | 5467     | 0.356 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.810 | 252  | 5750     | 0.373 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.333 | 252  | 4786     | 0.380 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 25.661 | 278  | 4085     | 0.348 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.324 | 276  | 4245     | 0.326 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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Sample : PB167728BS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB167728BS

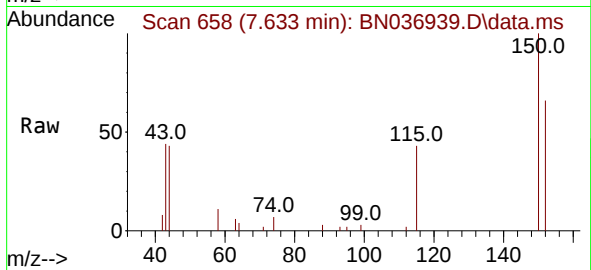
Quant Time: Apr 29 17:05:30 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Apr 28 15:35:03 2025  
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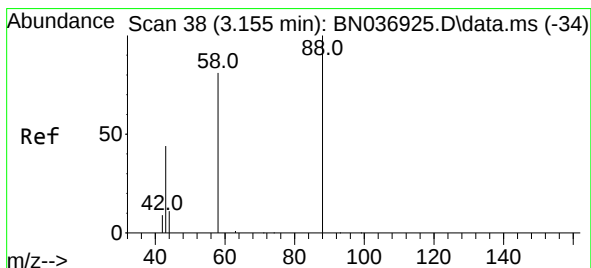
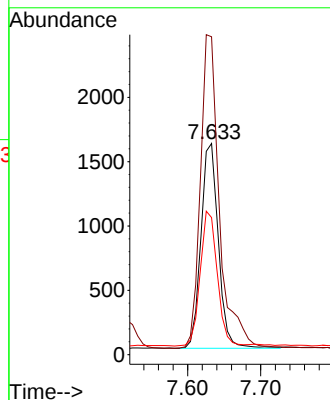
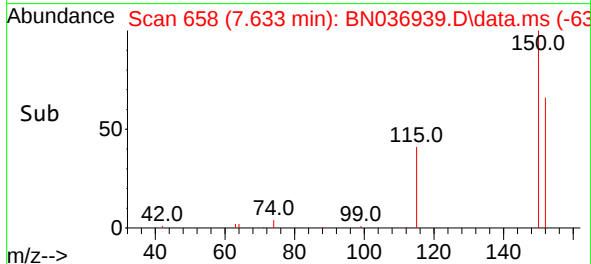


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.633 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN036939.D  
 Acq: 29 Apr 2025 14:54

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167728BS

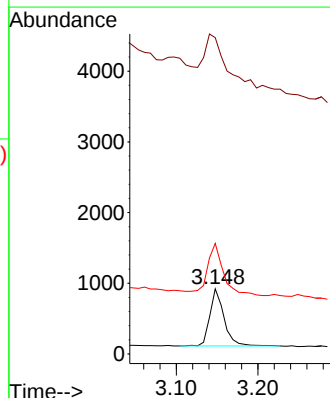
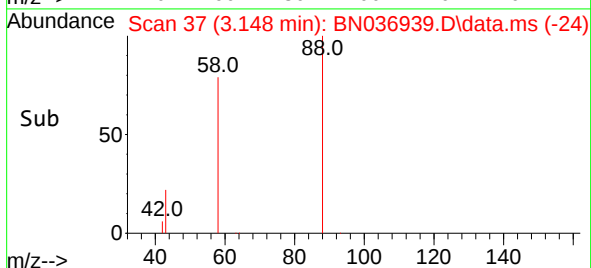
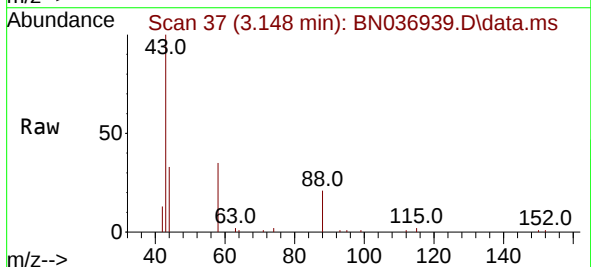


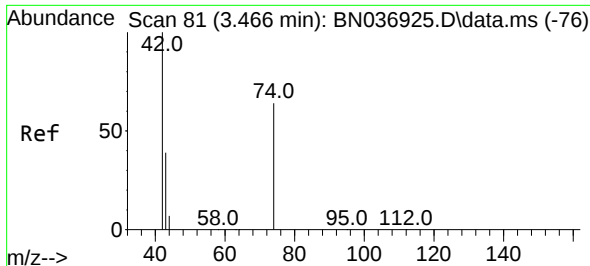
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 Ion Ratio Lower Upper  
 152 100  
 150 150.6 121.1 181.7  
 115 64.9 51.8 77.6



#2  
 1,4-Dioxane  
 Concen: 0.301 ng  
 RT: 3.148 min Scan# 37  
 Delta R.T. -0.007 min  
 Lab File: BN036939.D  
 Acq: 29 Apr 2025 14:54

Tgt Ion: 88 Resp: 987  
 Ion Ratio Lower Upper  
 88 100  
 43 149.1 37.9 56.9#  
 58 104.5 65.8 98.6#

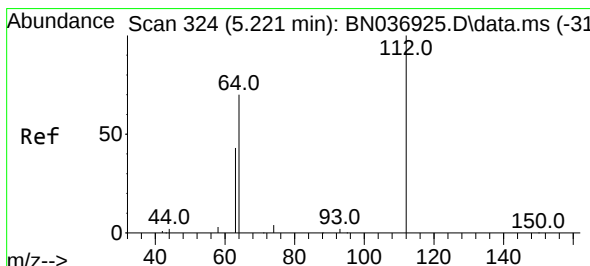
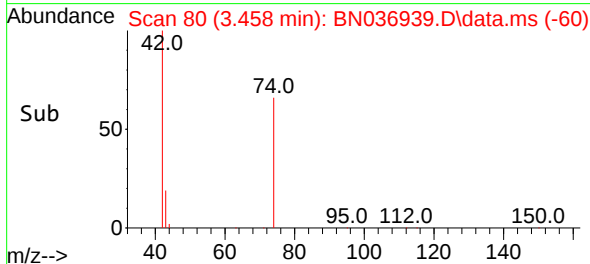
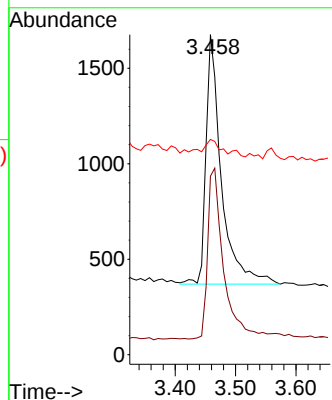
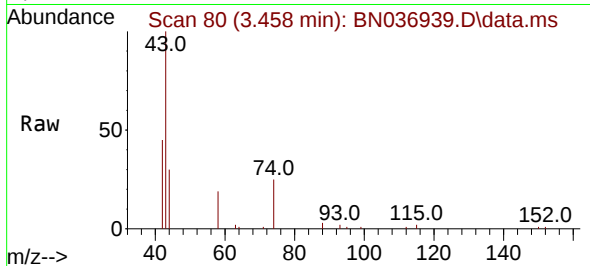




#3  
n-Nitrosodimethylamine  
Concen: 0.364 ng  
RT: 3.458 min Scan# 80  
Delta R.T. -0.007 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

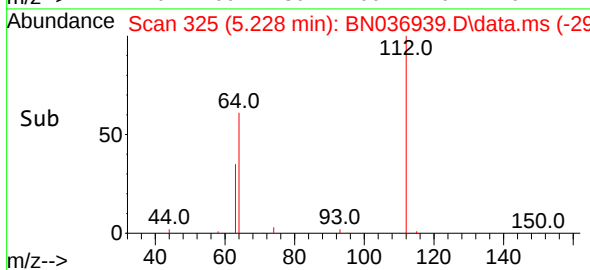
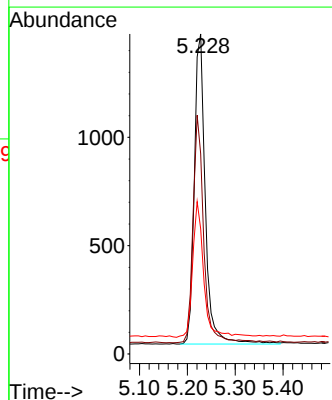
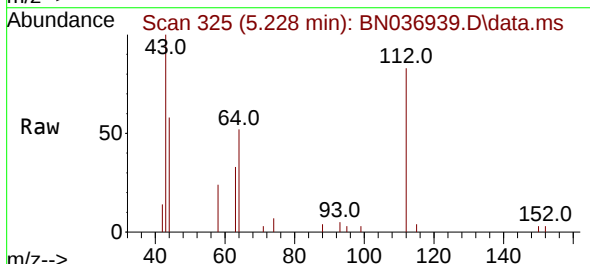
Instrument :  
BNA\_N  
ClientSampleId :  
PB167728BS

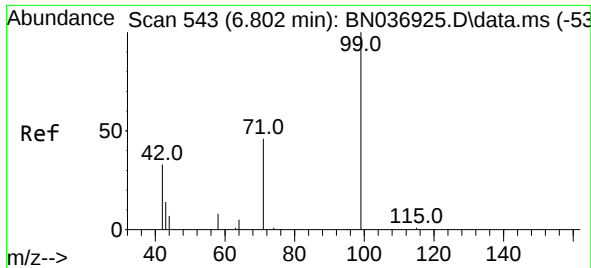
Tgt Ion: 42 Resp: 2316  
Ion Ratio Lower Upper  
42 100  
74 72.8 59.9 89.9  
44 4.5 7.5 11.3#



#4  
2-Fluorophenol  
Concen: 0.340 ng  
RT: 5.228 min Scan# 325  
Delta R.T. 0.007 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

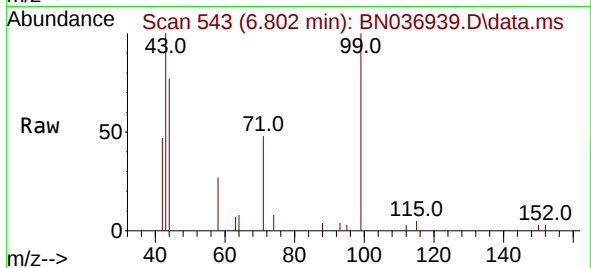
Tgt Ion: 112 Resp: 2288  
Ion Ratio Lower Upper  
112 100  
64 70.0 55.7 83.5  
63 44.3 33.9 50.9





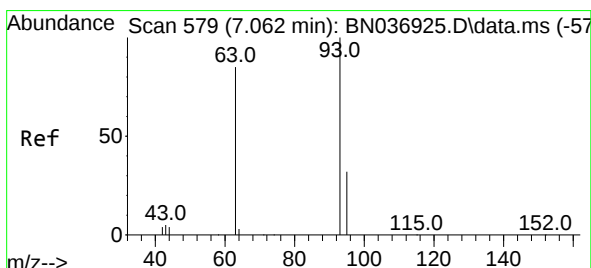
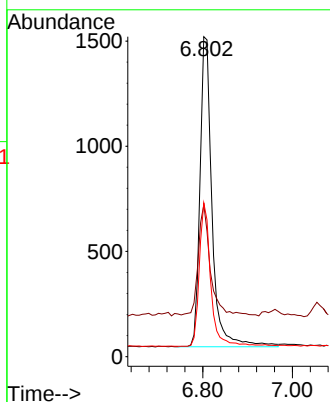
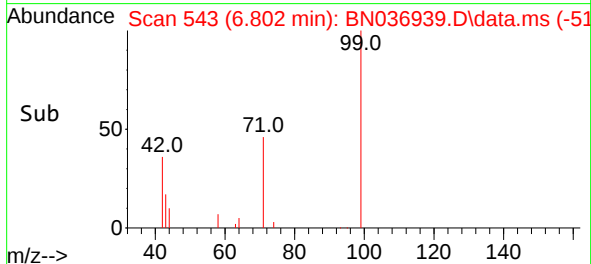
#5  
Phenol-d6  
Concen: 0.334 ng  
RT: 6.802 min Scan# 543  
Delta R.T. -0.000 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

Instrument :  
BNA\_N  
ClientSampleId :  
PB167728BS



Tgt Ion: 99 Resp: 2763

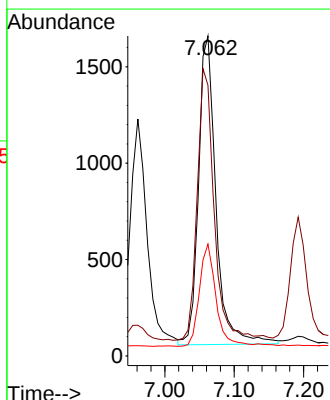
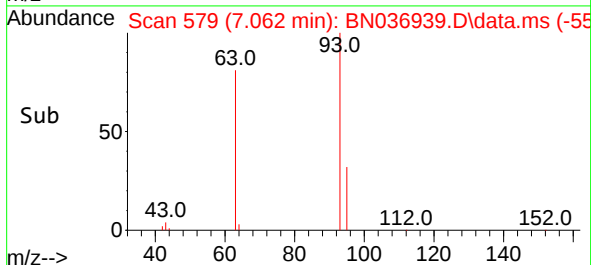
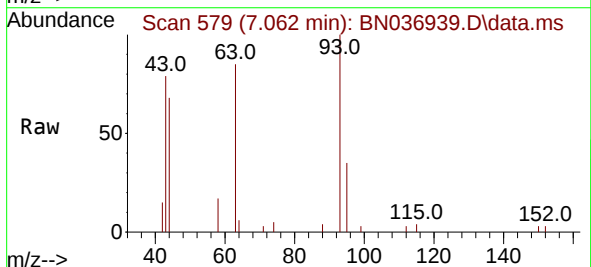
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 35.1  | 29.6  | 44.4  |
| 71  | 43.8  | 36.0  | 54.0  |

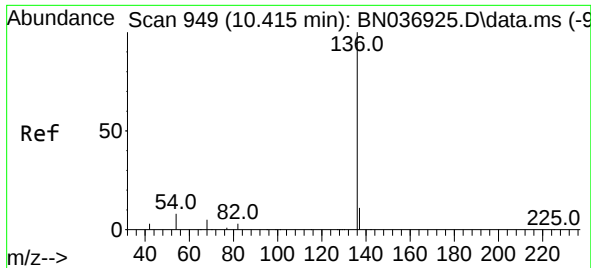


#6  
bis(2-Chloroethyl)ether  
Concen: 0.364 ng  
RT: 7.062 min Scan# 579  
Delta R.T. -0.000 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

Tgt Ion: 93 Resp: 2793

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 86.0  | 69.0  | 103.6 |
| 95  | 31.4  | 25.4  | 38.0  |

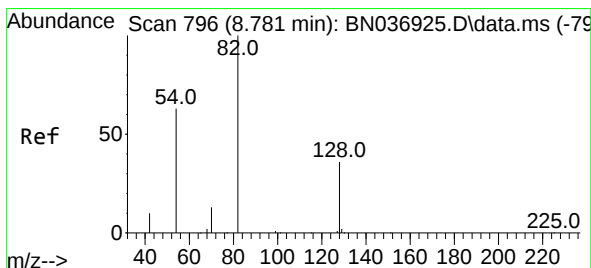
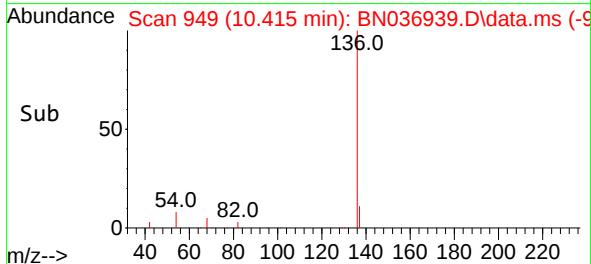
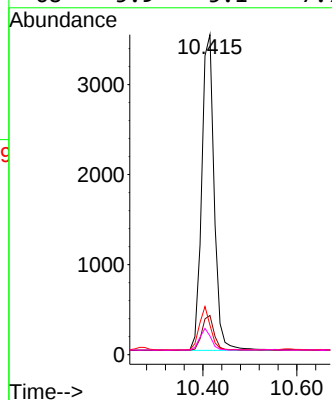
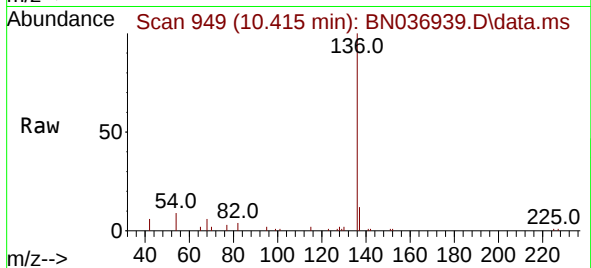




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.415 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

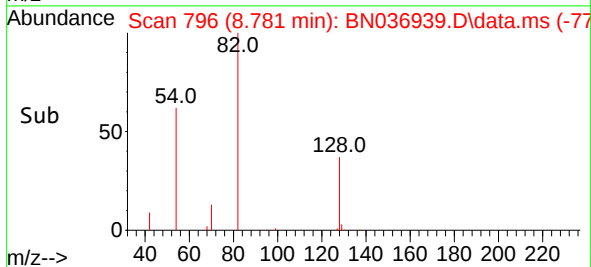
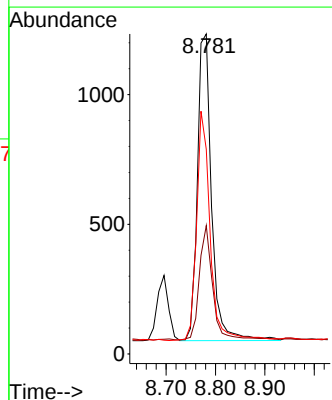
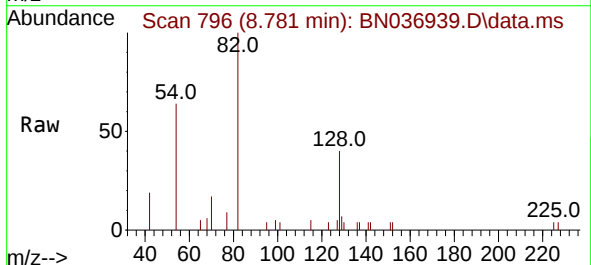
Instrument :  
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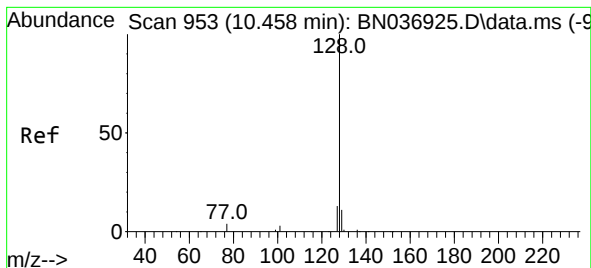
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 6464  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.2  | 9.7   | 14.5  |
| 54       | 9.2   | 8.0   | 12.0  |
| 68       | 5.9   | 5.1   | 7.7   |



#8  
Nitrobenzene-d5  
Concen: 0.348 ng  
RT: 8.781 min Scan# 796  
Delta R.T. -0.000 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2355  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 40.1  | 30.7  | 46.1  |
| 54       | 63.9  | 52.1  | 78.1  |





#9

Naphthalene

Concen: 0.357 ng

RT: 10.458 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN036939.D

Acq: 29 Apr 2025 14:54

Instrument :

BNA\_N

ClientSampleId :

PB167728BS

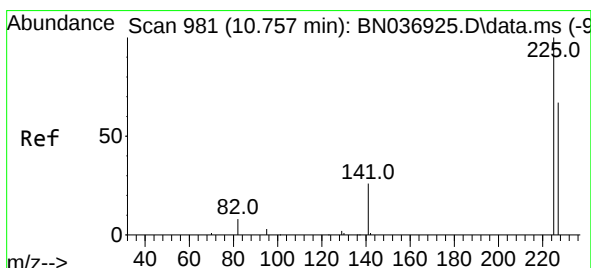
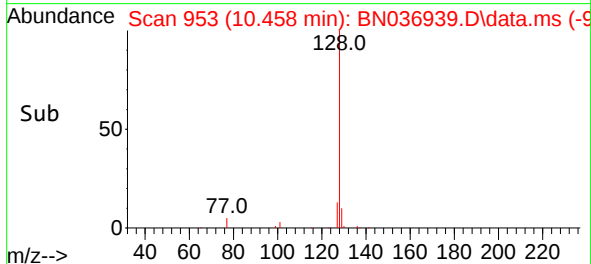
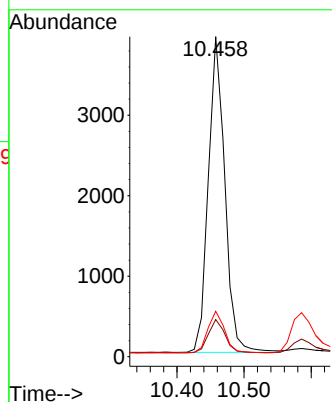
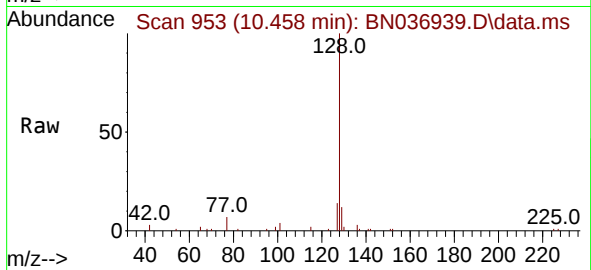
Tgt Ion:128 Resp: 6723

Ion Ratio Lower Upper

128 100

129 11.6 9.8 14.6

127 14.2 11.4 17.2



#10

Hexachlorobutadiene

Concen: 0.367 ng

RT: 10.746 min Scan# 980

Delta R.T. -0.011 min

Lab File: BN036939.D

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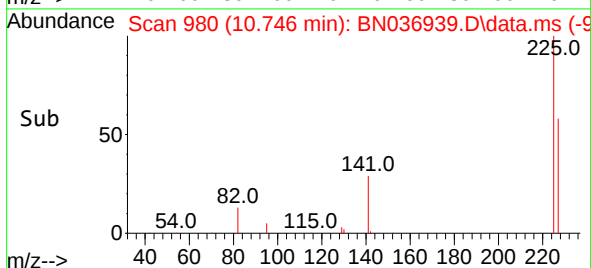
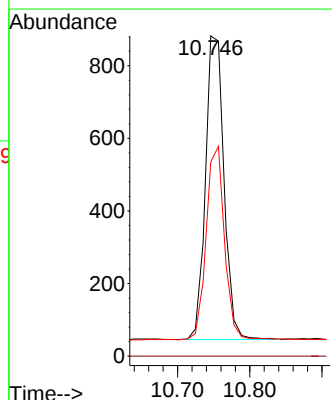
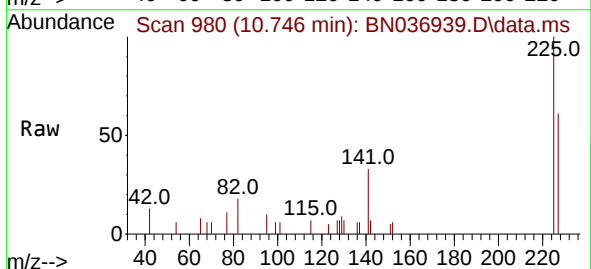
Tgt Ion:225 Resp: 1495

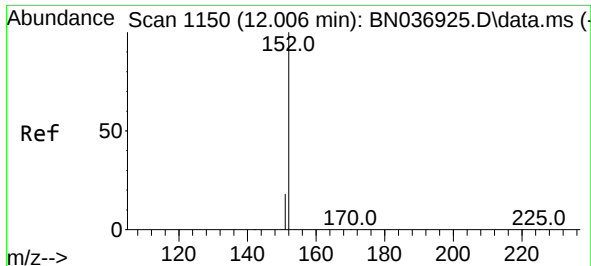
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.3 52.2 78.4

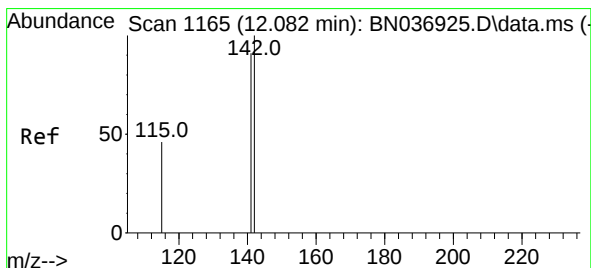
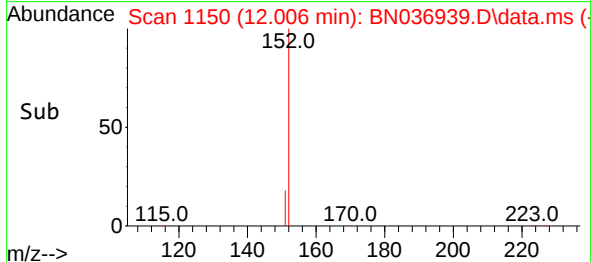
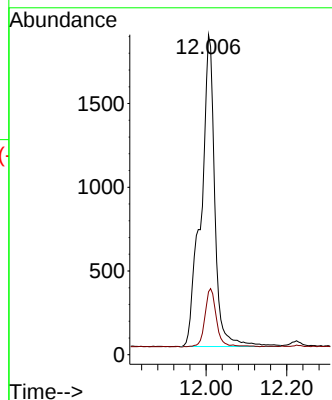
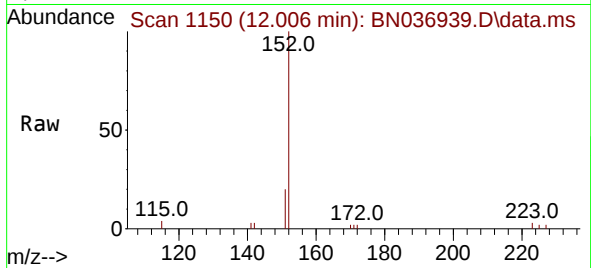




#11  
2-Methylnaphthalene-d10  
Concen: 0.488 ng  
RT: 12.006 min Scan# 1150  
Delta R.T. -0.000 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

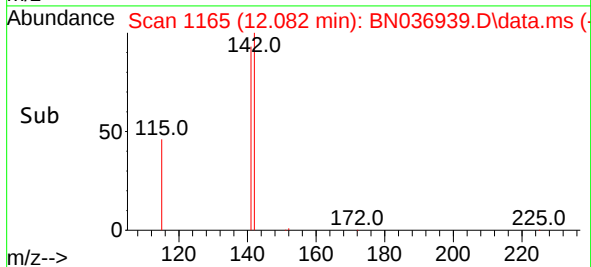
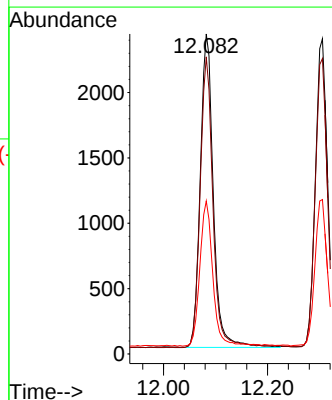
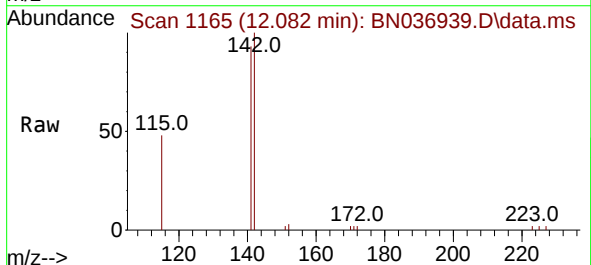
Instrument :  
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ClientSampleId :  
PB167728BS

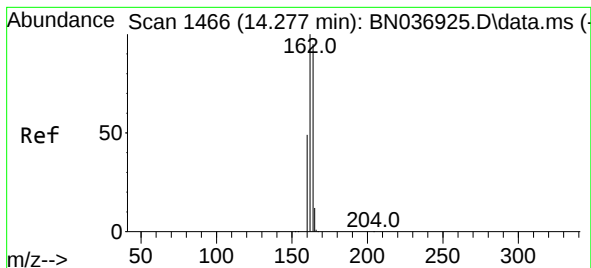
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Ion Ratio Lower Upper  
152 100  
151 16.1 16.9 25.3#



#12  
2-Methylnaphthalene  
Concen: 0.343 ng  
RT: 12.082 min Scan# 1165  
Delta R.T. -0.000 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

Tgt Ion:142 Resp: 4170  
Ion Ratio Lower Upper  
142 100  
141 92.9 72.8 109.2  
115 47.8 38.2 57.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.277 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BN036939.D

Acq: 29 Apr 2025 14:54

Instrument :

BNA\_N

ClientSampleId :

PB167728BS

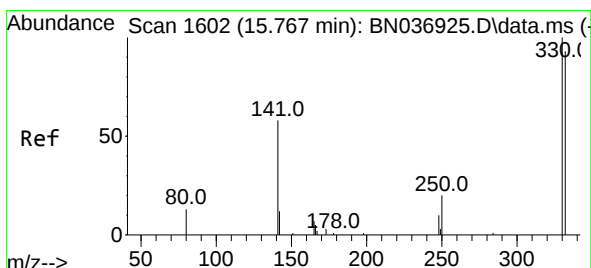
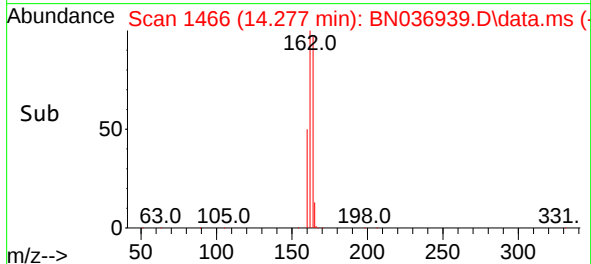
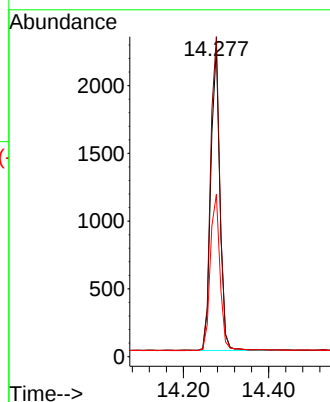
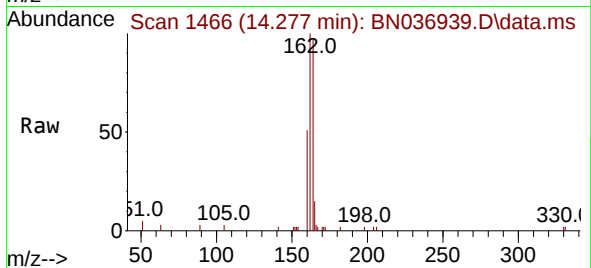
Tgt Ion:164 Resp: 3313

Ion Ratio Lower Upper

164 100

162 103.5 83.8 125.8

160 52.5 42.0 63.0



#14

2,4,6-Tribromophenol

Concen: 0.288 ng

RT: 15.767 min Scan# 1602

Delta R.T. -0.000 min

Lab File: BN036939.D

Acq: 29 Apr 2025 14:54

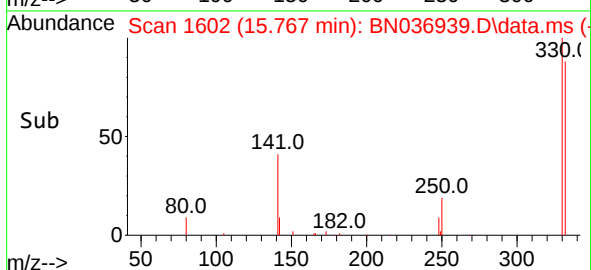
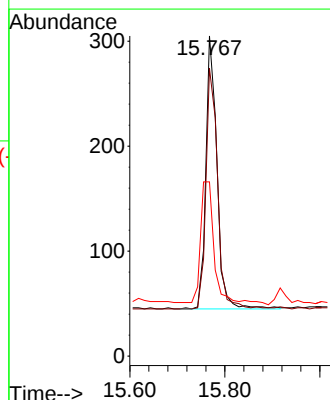
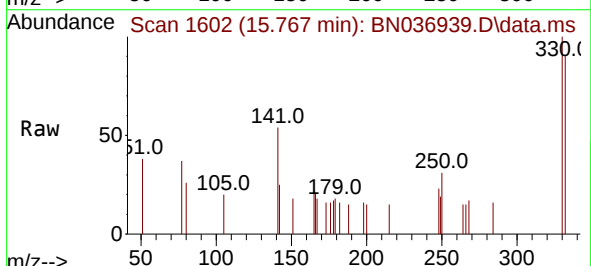
Tgt Ion:330 Resp: 425

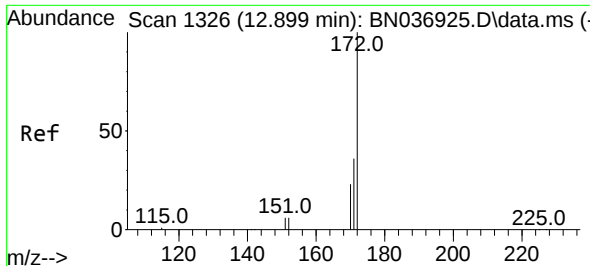
Ion Ratio Lower Upper

330 100

332 92.2 76.3 114.5

141 56.7 45.4 68.2

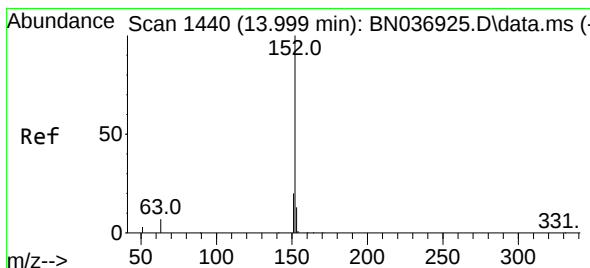
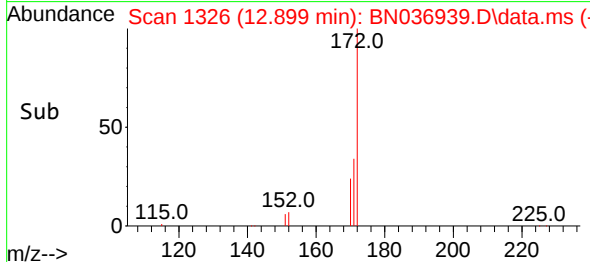
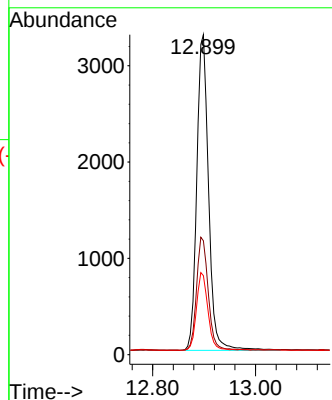
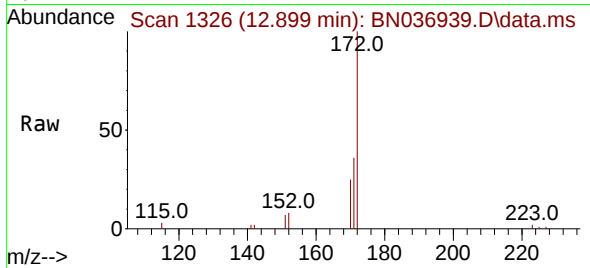




#15  
2-Fluorobiphenyl  
Concen: 0.367 ng  
RT: 12.899 min Scan# 1439  
Delta R.T. -0.000 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

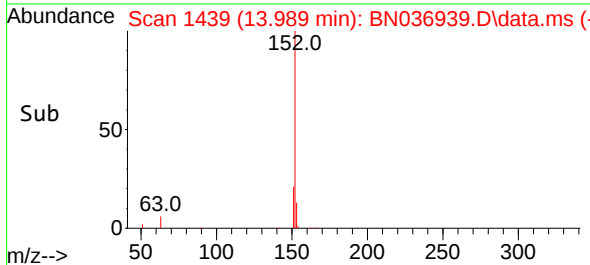
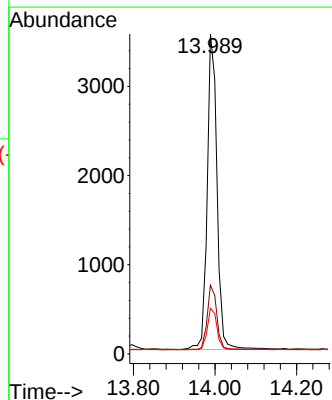
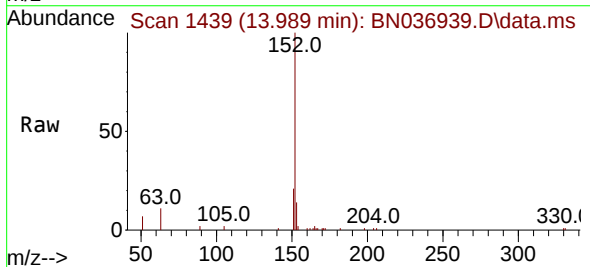
Instrument :  
BNA\_N  
ClientSampleId :  
PB167728BS

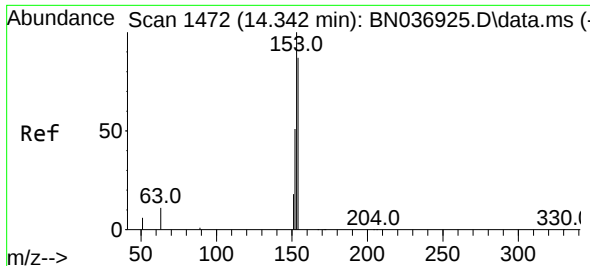
Tgt Ion:172 Resp: 5876  
Ion Ratio Lower Upper  
172 100  
171 35.6 29.4 44.0  
170 24.7 19.4 29.0



#16  
Acenaphthylene  
Concen: 0.366 ng  
RT: 13.989 min Scan# 1439  
Delta R.T. -0.011 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

Tgt Ion:152 Resp: 5922  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.0 24.0  
153 13.1 10.2 15.2

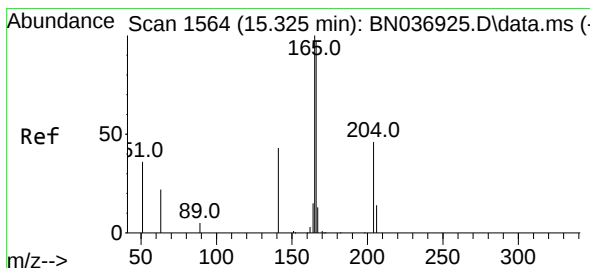
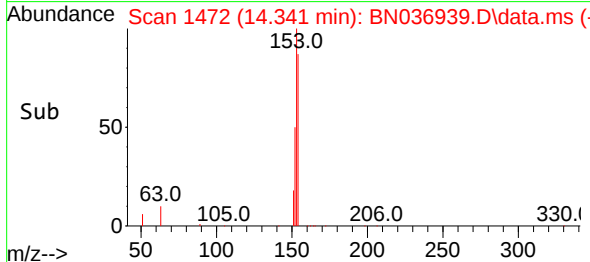
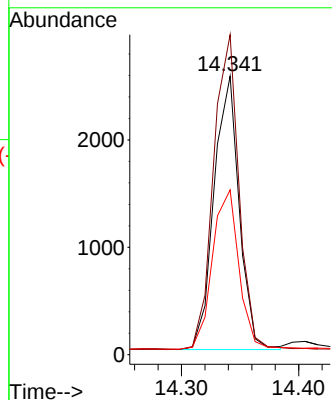
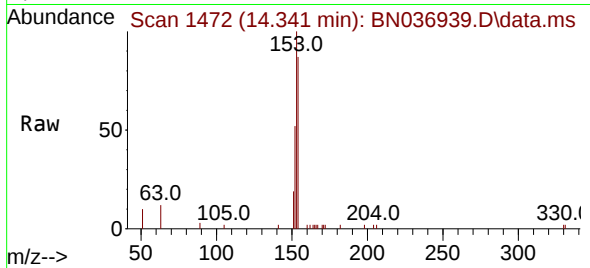




#17  
Acenaphthene  
Concen: 0.357 ng  
RT: 14.341 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

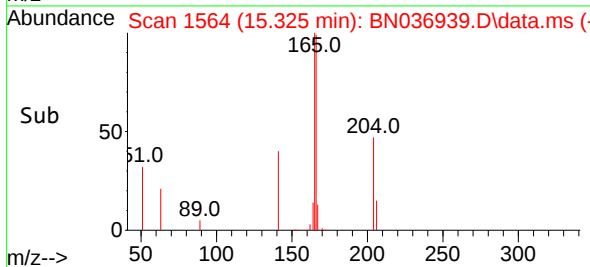
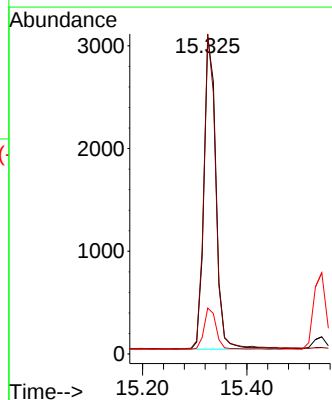
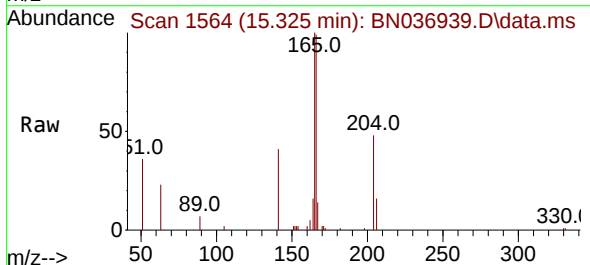
Instrument :  
BNA\_N  
ClientSampleId :  
PB167728BS

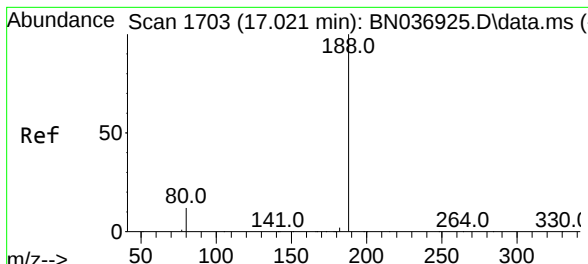
Tgt Ion:154 Resp: 3799  
Ion Ratio Lower Upper  
154 100  
153 116.8 93.4 140.2  
152 61.7 49.5 74.3



#18  
Fluorene  
Concen: 0.348 ng  
RT: 15.325 min Scan# 1564  
Delta R.T. -0.000 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

Tgt Ion:166 Resp: 4845  
Ion Ratio Lower Upper  
166 100  
165 100.0 80.8 121.2  
167 13.3 10.8 16.2

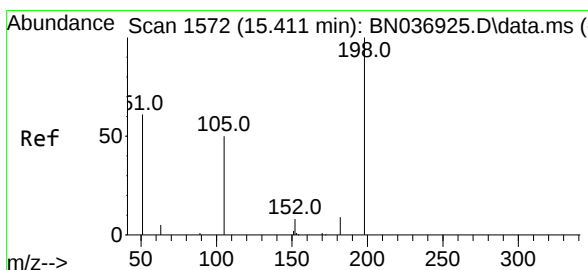
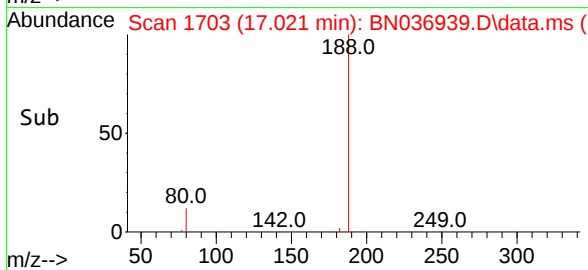
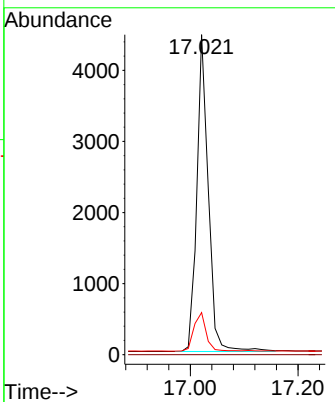
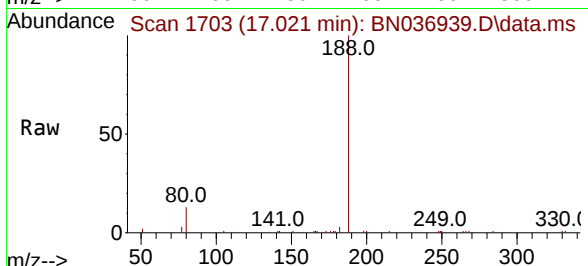




#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.021 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BN036939.D  
 Acq: 29 Apr 2025 14:54

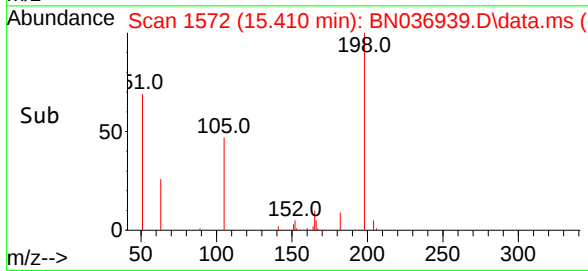
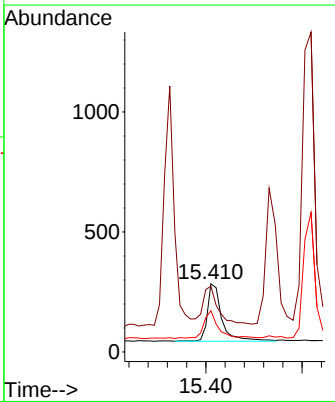
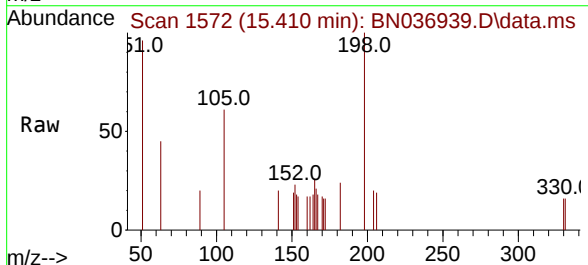
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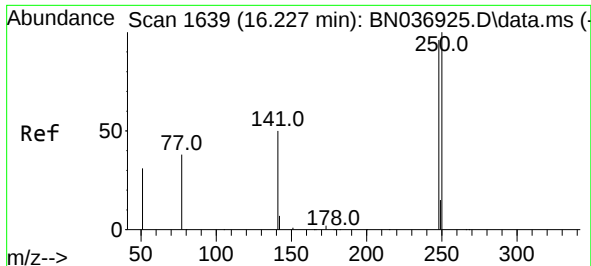
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 188   | Resp: | 6630 |
| Ion Ratio | Lower | Upper |      |
| 188       | 100   |       |      |
| 94        | 0.0   | 0.0   | 0.0  |
| 80        | 13.1  | 10.7  | 16.1 |



#20  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.285 ng  
 RT: 15.410 min Scan# 1572  
 Delta R.T. -0.001 min  
 Lab File: BN036939.D  
 Acq: 29 Apr 2025 14:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 500   |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 96.5  | 97.9  | 146.9 |
| 105       | 60.6  | 50.0  | 75.0  |

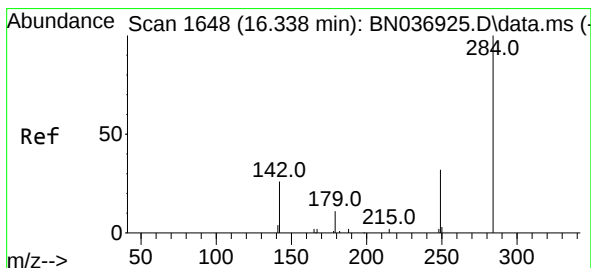
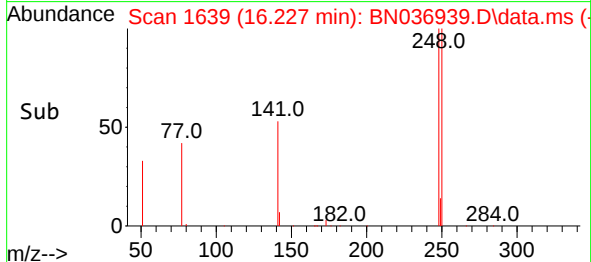
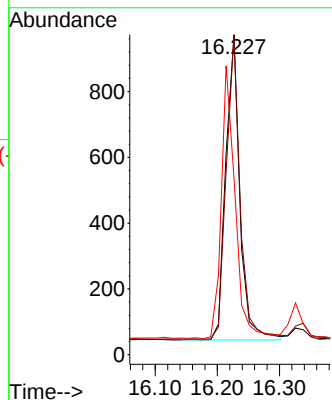
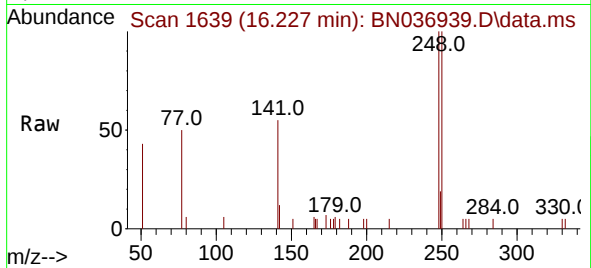




#21  
4-Bromophenyl-phenylether  
Concen: 0.328 ng  
RT: 16.227 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

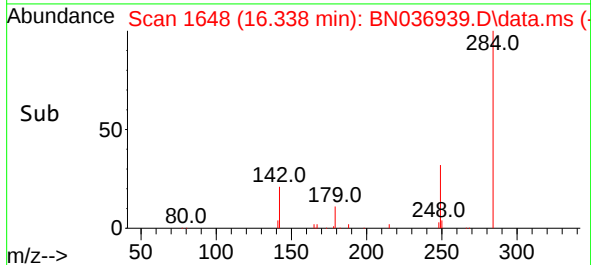
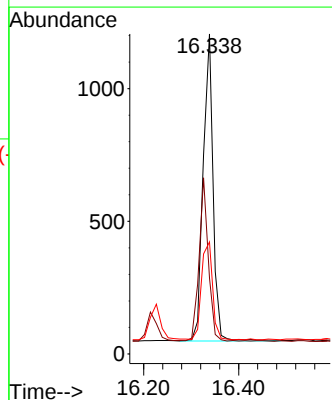
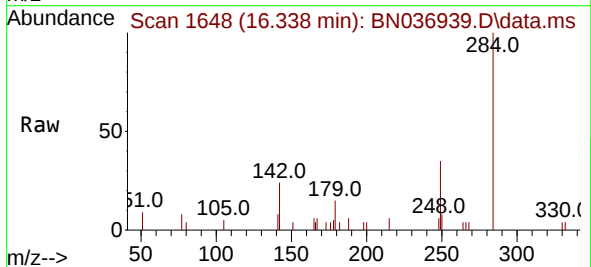
Instrument :  
BNA\_N  
ClientSampleId :  
PB167728BS

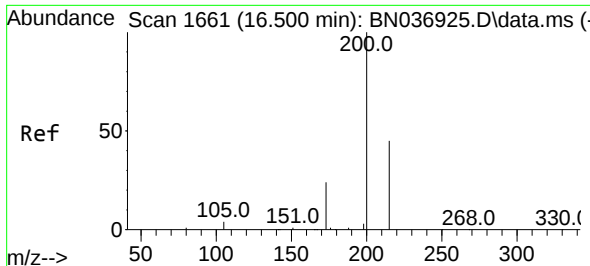
Tgt Ion:248 Resp: 1453  
Ion Ratio Lower Upper  
248 100  
250 100.2 83.7 125.5  
141 55.5 43.8 65.8



#22  
Hexachlorobenzene  
Concen: 0.347 ng  
RT: 16.338 min Scan# 1648  
Delta R.T. -0.000 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

Tgt Ion:284 Resp: 1684  
Ion Ratio Lower Upper  
284 100  
142 49.5 40.0 60.0  
249 35.5 28.2 42.2

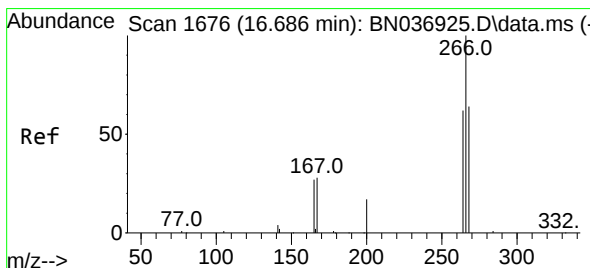
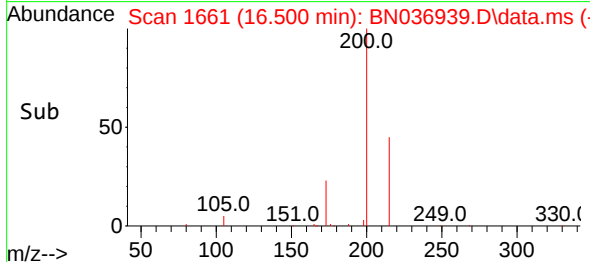
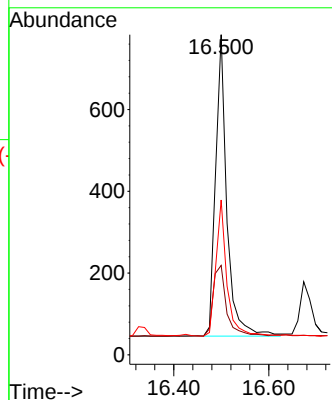
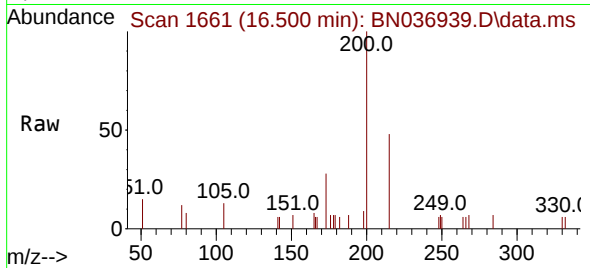




#23  
 Atrazine  
 Concen: 0.339 ng  
 RT: 16.500 min Scan# 1661  
 Delta R.T. -0.000 min  
 Lab File: BN036939.D  
 Acq: 29 Apr 2025 14:54

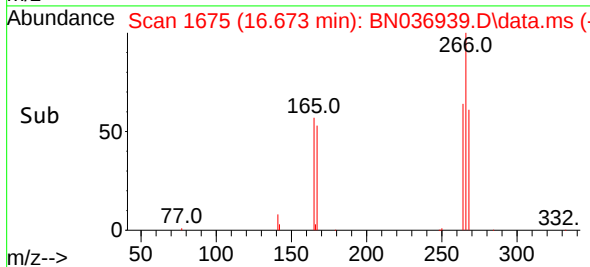
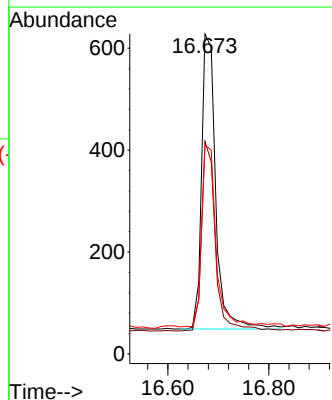
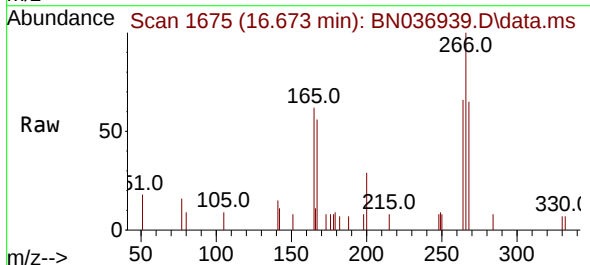
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 PB167728BS

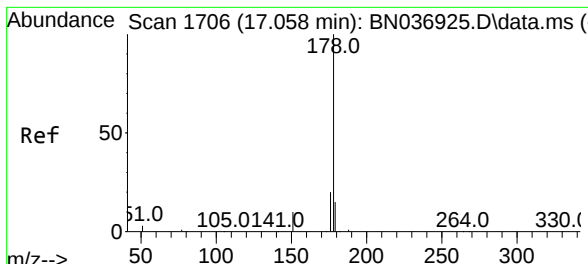
Tgt Ion:200 Resp: 1212  
 Ion Ratio Lower Upper  
 200 100  
 173 28.0 22.4 33.6  
 215 48.4 38.6 57.8



#24  
 Pentachlorophenol  
 Concen: 0.434 ng  
 RT: 16.673 min Scan# 1675  
 Delta R.T. -0.013 min  
 Lab File: BN036939.D  
 Acq: 29 Apr 2025 14:54

Tgt Ion:266 Resp: 1129  
 Ion Ratio Lower Upper  
 266 100  
 264 62.7 49.9 74.9  
 268 63.0 52.2 78.4

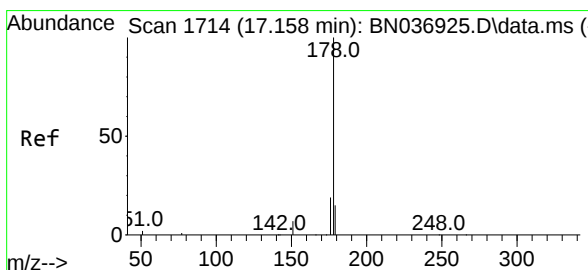
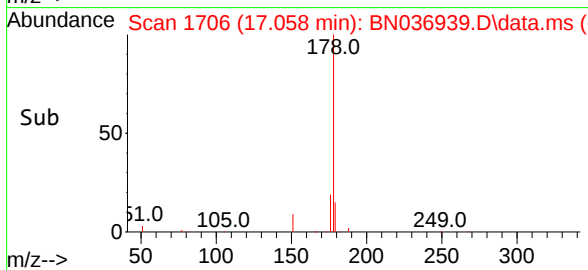
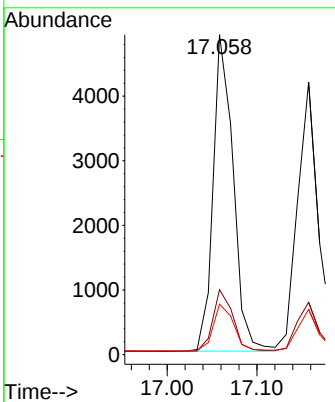
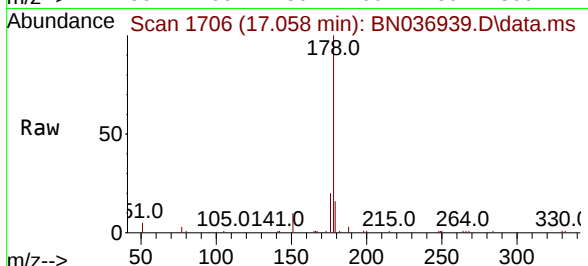




#25  
 Phenanthrene  
 Concen: 0.350 ng  
 RT: 17.058 min Scan# 1706  
 Delta R.T. -0.000 min  
 Lab File: BN036939.D  
 Acq: 29 Apr 2025 14:54

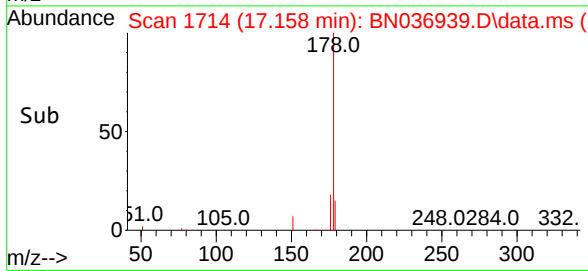
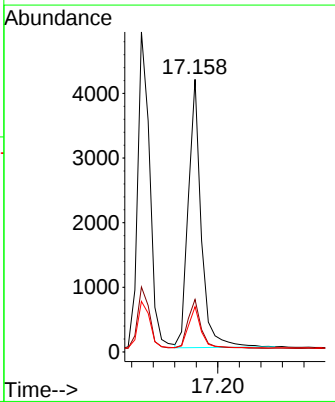
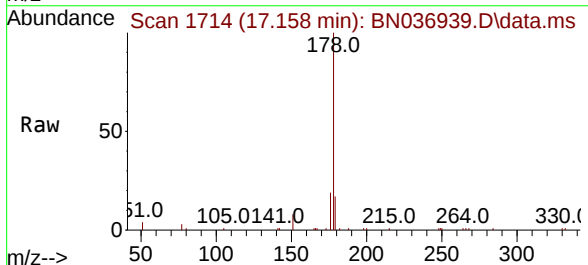
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 PB167728BS

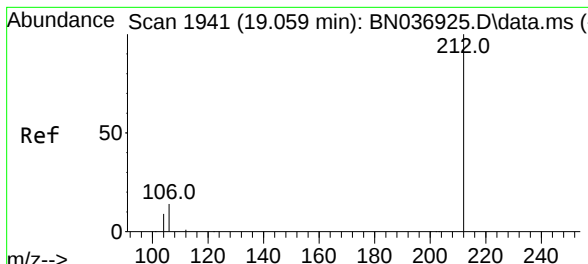
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 7651 |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 19.5  | 15.7  | 23.5 |
| 179       | 15.4  | 12.4  | 18.6 |



#26  
 Anthracene  
 Concen: 0.349 ng  
 RT: 17.158 min Scan# 1714  
 Delta R.T. -0.000 min  
 Lab File: BN036939.D  
 Acq: 29 Apr 2025 14:54

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 6917 |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 18.9  | 15.3  | 22.9 |
| 179       | 15.4  | 12.1  | 18.1 |

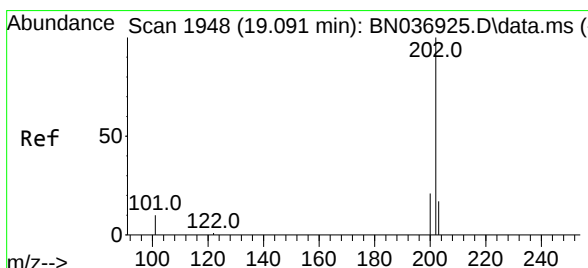
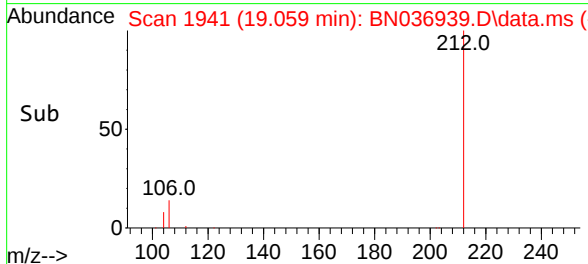
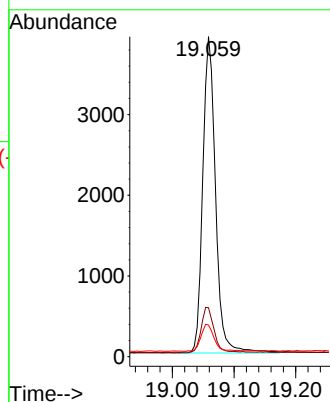
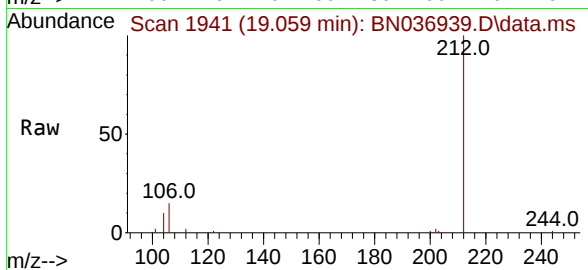




#27  
Fluoranthene-d10  
Concen: 0.328 ng  
RT: 19.059 min Scan# 1941  
Delta R.T. -0.000 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

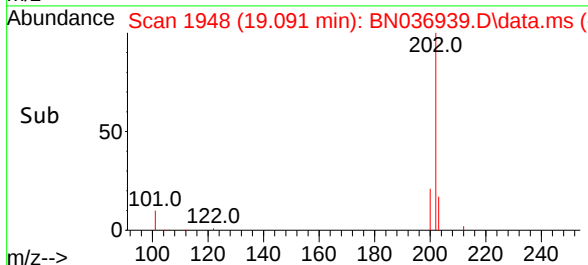
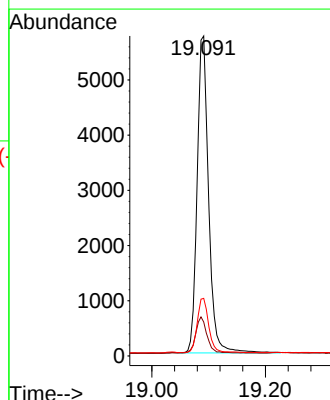
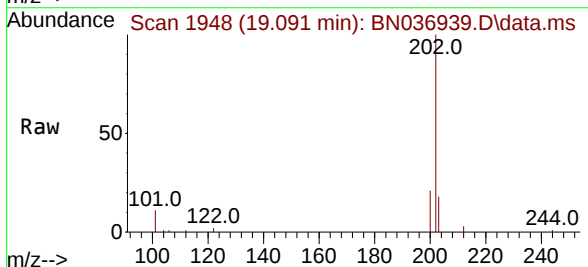
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ClientSampleId :  
PB167728BS

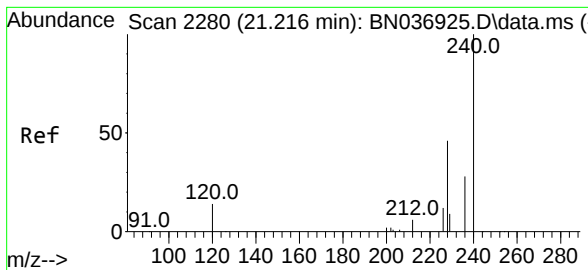
Tgt Ion:212 Resp: 5638  
Ion Ratio Lower Upper  
212 100  
106 14.3 11.6 17.4  
104 8.7 7.0 10.4



#28  
Fluoranthene  
Concen: 0.328 ng  
RT: 19.091 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

Tgt Ion:202 Resp: 8047  
Ion Ratio Lower Upper  
202 100  
101 11.6 8.5 12.7  
203 17.4 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.215 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036939.D

Acq: 29 Apr 2025 14:54

Instrument :

BNA\_N

ClientSampleId :

PB167728BS

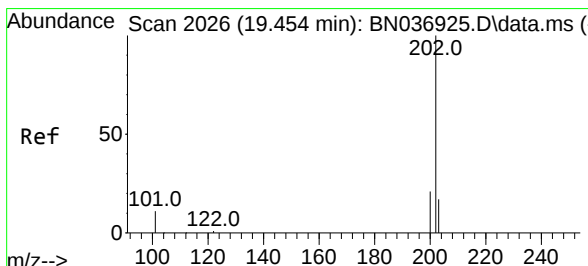
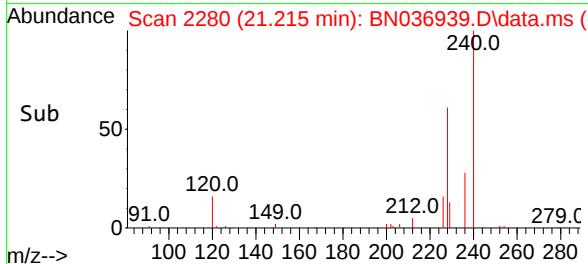
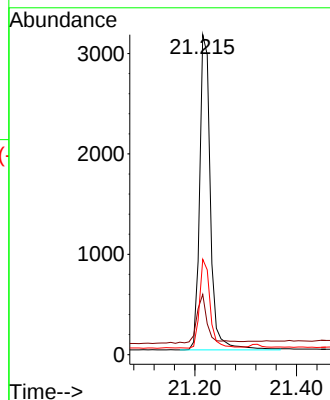
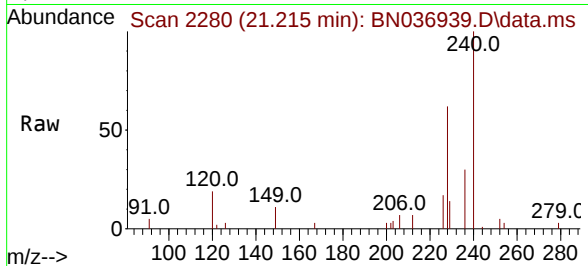
Tgt Ion:240 Resp: 4615

Ion Ratio Lower Upper

240 100

120 18.9 14.1 21.1

236 29.8 23.8 35.8



#30

Pyrene

Concen: 0.366 ng

RT: 19.454 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BN036939.D

Acq: 29 Apr 2025 14:54

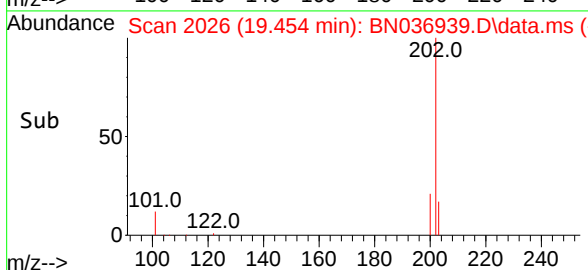
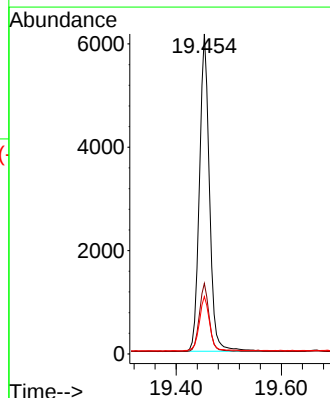
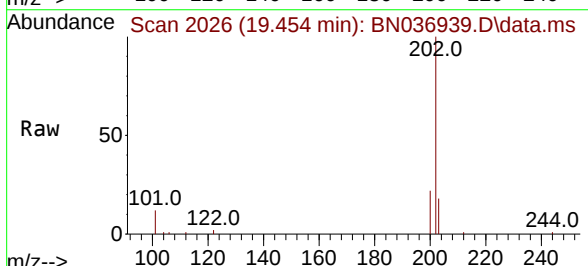
Tgt Ion:202 Resp: 8127

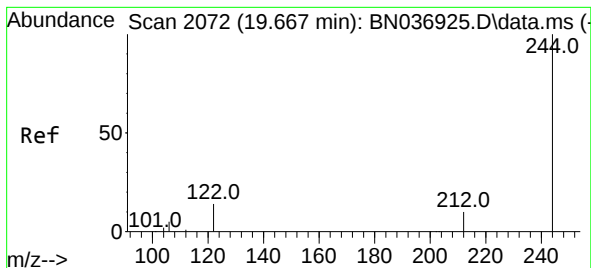
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

203 17.5 14.0 21.0





#31

Terphenyl-d14

Concen: 0.357 ng

RT: 19.667 min Scan# 2072

Delta R.T. -0.000 min

Lab File: BN036939.D

Acq: 29 Apr 2025 14:54

Instrument :

BNA\_N

ClientSampleId :

PB167728BS

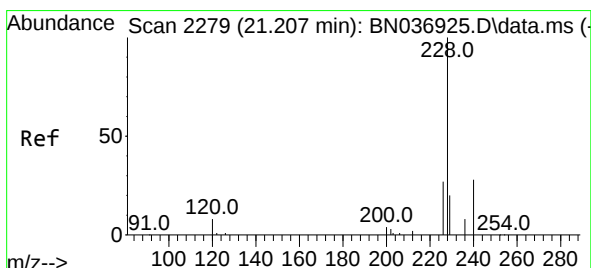
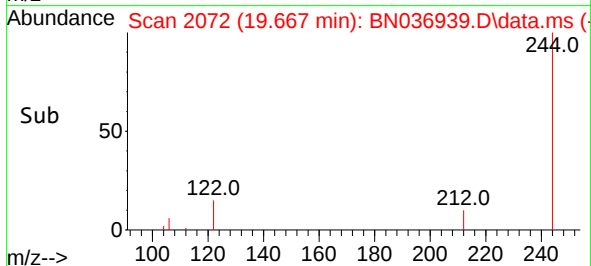
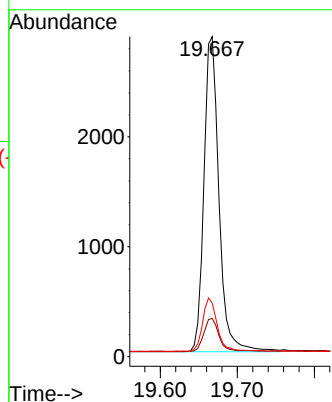
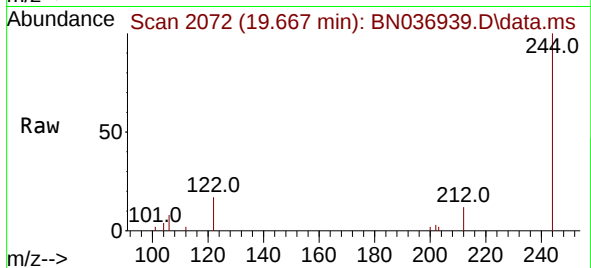
Tgt Ion:244 Resp: 3891

Ion Ratio Lower Upper

244 100

212 12.0 9.6 14.4

122 16.8 12.7 19.1



#32

Benzo(a)anthracene

Concen: 0.368 ng

RT: 21.206 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BN036939.D

Acq: 29 Apr 2025 14:54

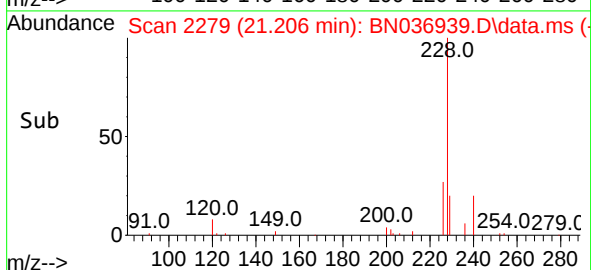
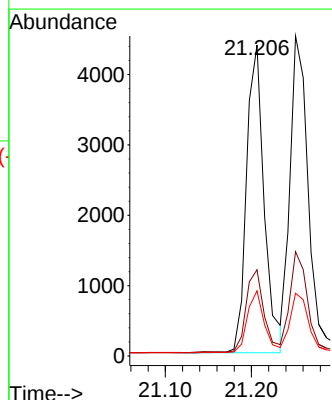
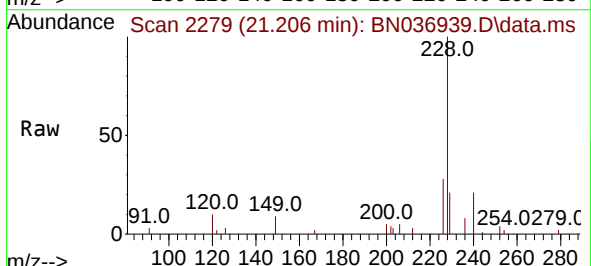
Tgt Ion:228 Resp: 6248

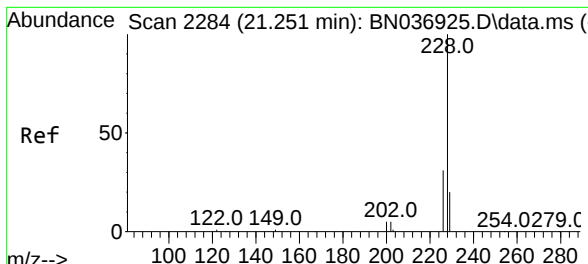
Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

229 21.0 16.4 24.6



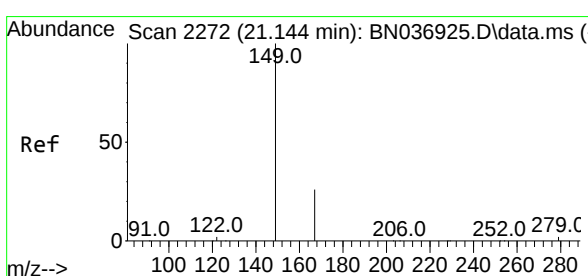
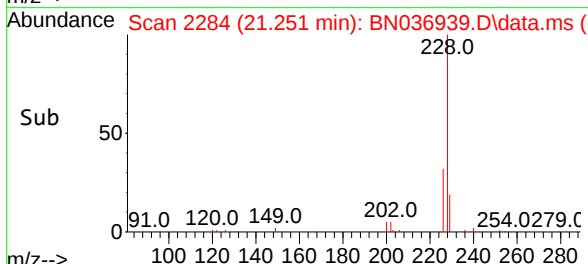
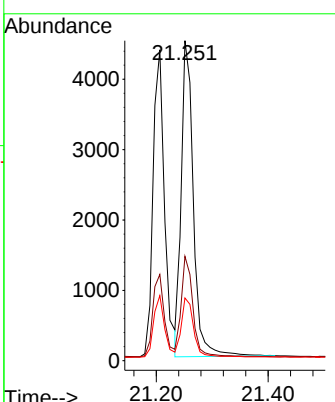
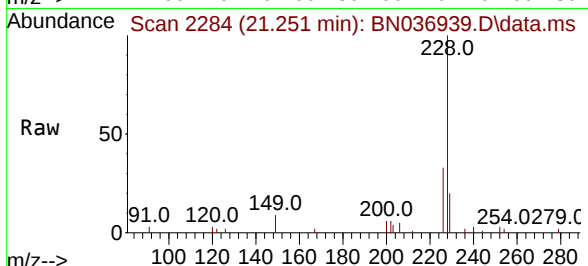


#33  
 Chrysene  
 Concen: 0.370 ng  
 RT: 21.251 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN036939.D  
 Acq: 29 Apr 2025 14:54

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167728BS

Tgt Ion: 228 Resp: 6782

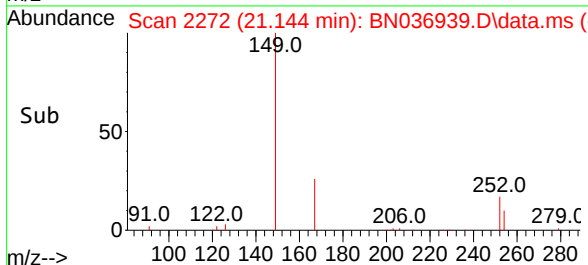
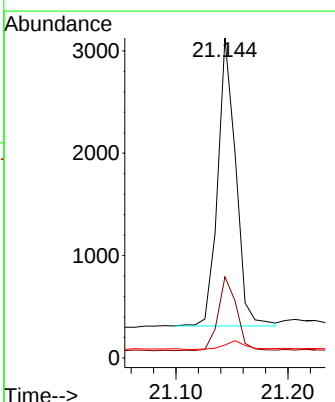
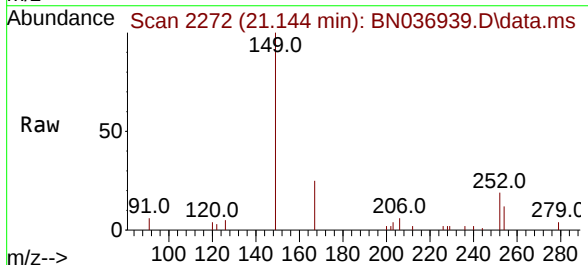
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.6  | 25.5  | 38.3  |
| 229 | 19.6  | 16.5  | 24.7  |

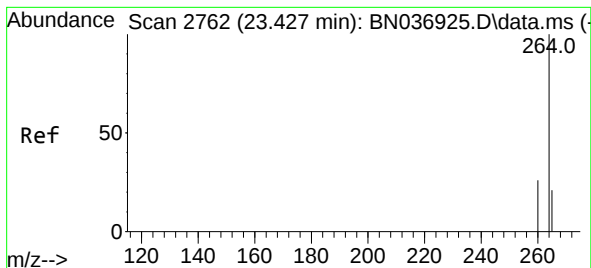


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.325 ng  
 RT: 21.144 min Scan# 2272  
 Delta R.T. -0.000 min  
 Lab File: BN036939.D  
 Acq: 29 Apr 2025 14:54

Tgt Ion: 149 Resp: 3141

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.2  | 21.0  | 31.6  |
| 279 | 3.4   | 2.7   | 4.1   |





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.427 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036939.D

Acq: 29 Apr 2025 14:54

Instrument :

BNA\_N

ClientSampleId :

PB167728BS

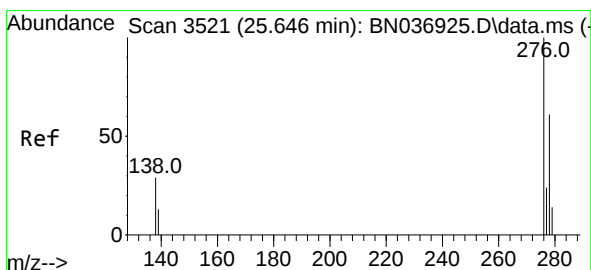
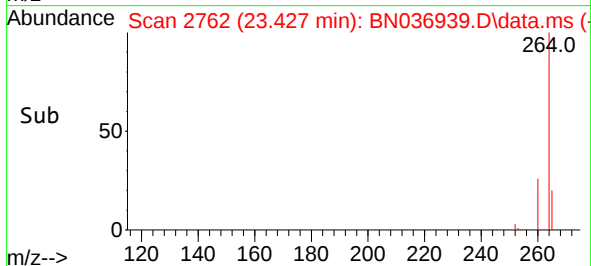
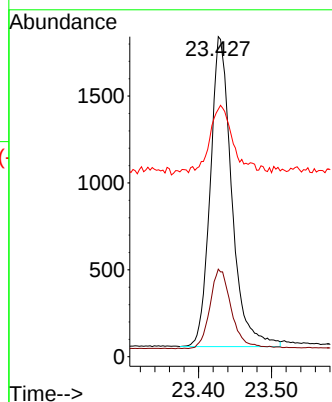
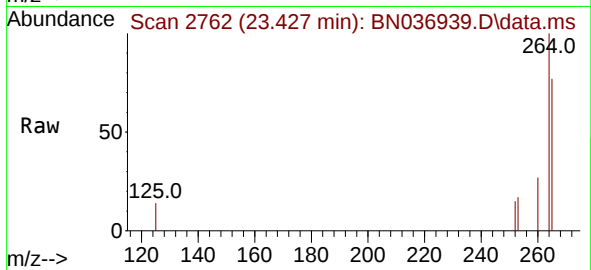
Tgt Ion:264 Resp: 3648

Ion Ratio Lower Upper

264 100

260 27.4 22.2 33.2

265 77.3 65.8 98.6



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.354 ng

RT: 25.646 min Scan# 3521

Delta R.T. -0.000 min

Lab File: BN036939.D

Acq: 29 Apr 2025 14:54

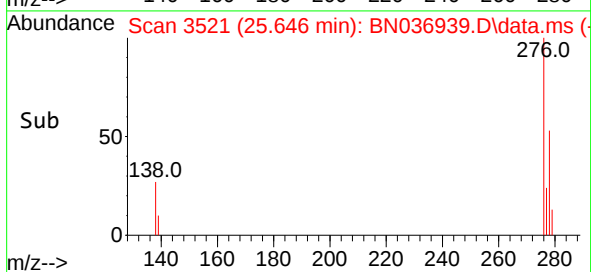
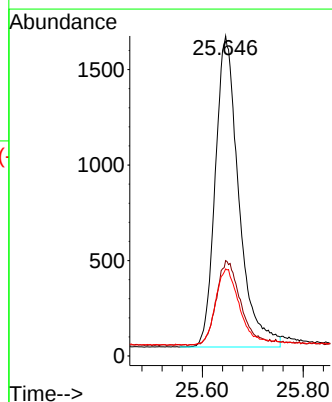
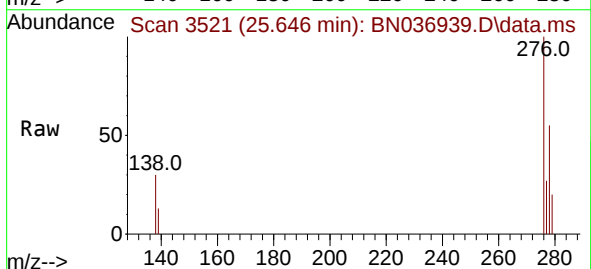
Tgt Ion:276 Resp: 5275

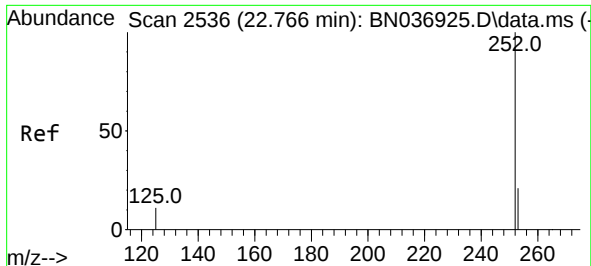
Ion Ratio Lower Upper

276 100

138 27.6 23.0 34.6

277 25.5 20.0 30.0

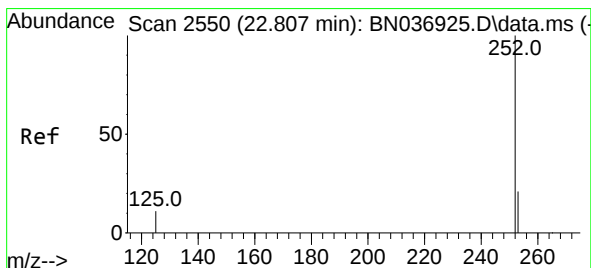
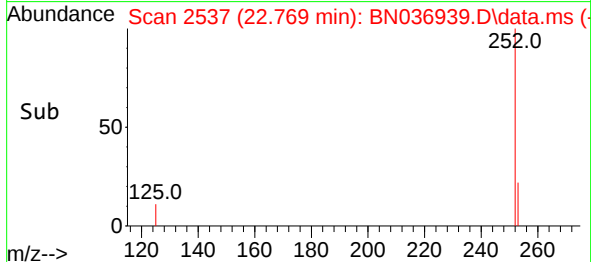
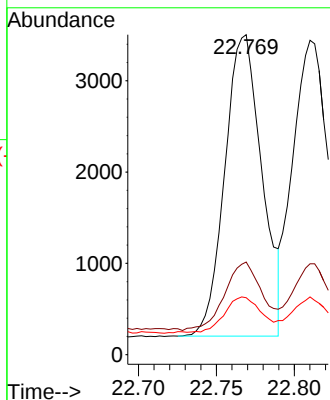
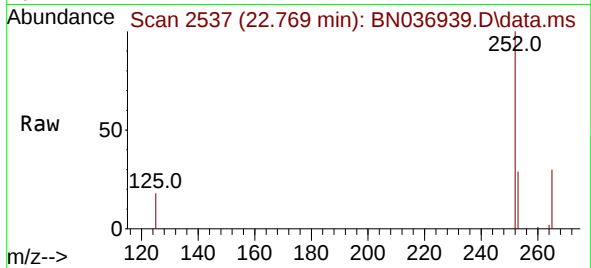




#37  
Benzo(b)fluoranthene  
Concen: 0.356 ng  
RT: 22.769 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

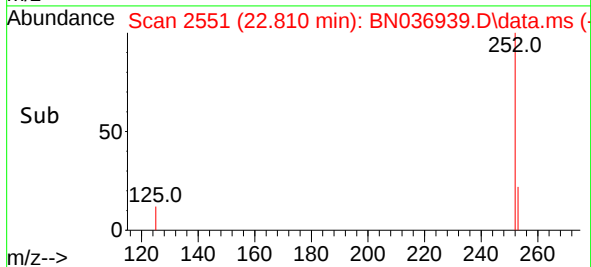
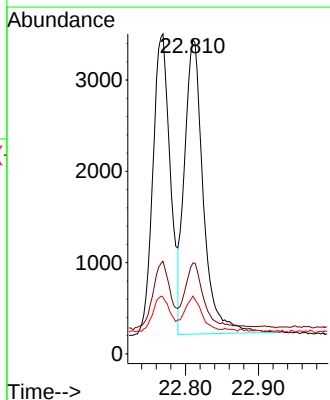
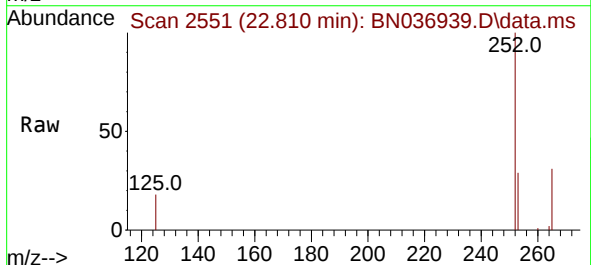
Instrument :  
BNA\_N  
ClientSampleId :  
PB167728BS

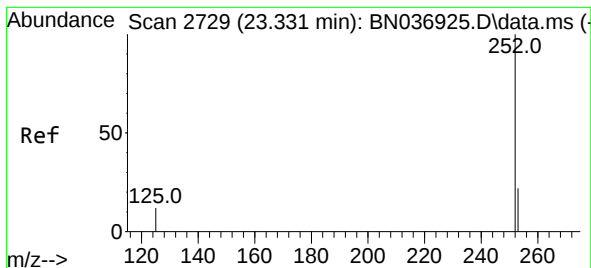
Tgt Ion:252 Resp: 5467  
Ion Ratio Lower Upper  
252 100  
253 29.0 22.1 33.1  
125 17.8 14.2 21.2



#38  
Benzo(k)fluoranthene  
Concen: 0.373 ng  
RT: 22.810 min Scan# 2551  
Delta R.T. 0.003 min  
Lab File: BN036939.D  
Acq: 29 Apr 2025 14:54

Tgt Ion:252 Resp: 5750  
Ion Ratio Lower Upper  
252 100  
253 28.9 22.8 34.2  
125 18.4 14.2 21.2





#39

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.333 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN036939.D

Acq: 29 Apr 2025 14:54

Instrument :

BNA\_N

ClientSampleId :

PB167728BS

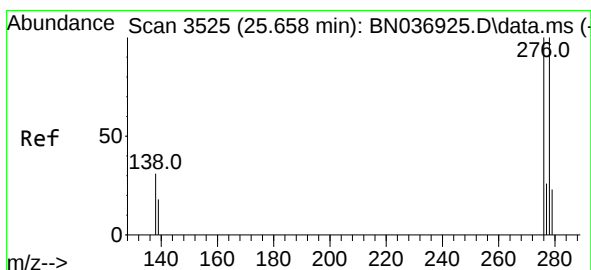
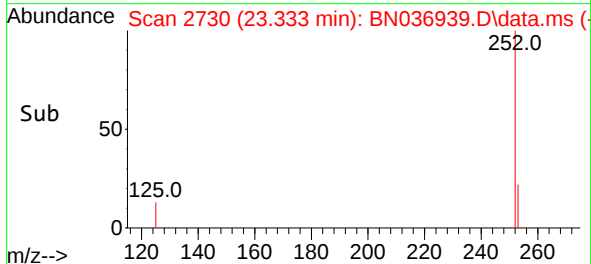
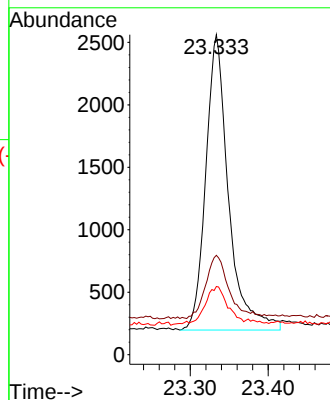
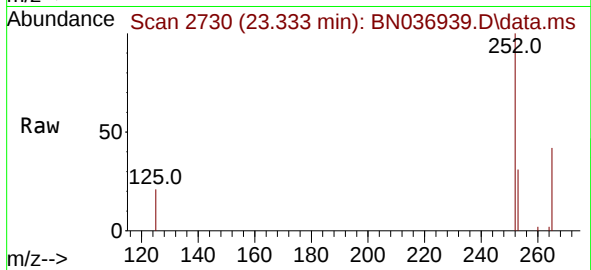
Tgt Ion:252 Resp: 4786

Ion Ratio Lower Upper

252 100

253 31.1 25.9 38.9

125 21.3 17.4 26.0



#40

Dibenzo(a,h)anthracene

Concen: 0.348 ng

RT: 25.661 min Scan# 3526

Delta R.T. 0.003 min

Lab File: BN036939.D

Acq: 29 Apr 2025 14:54

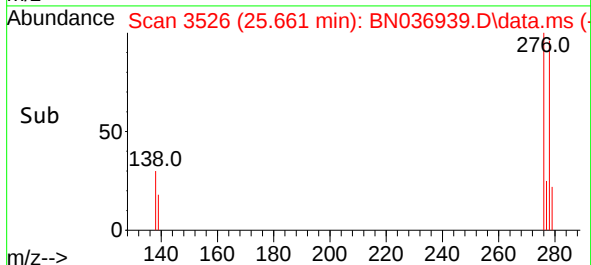
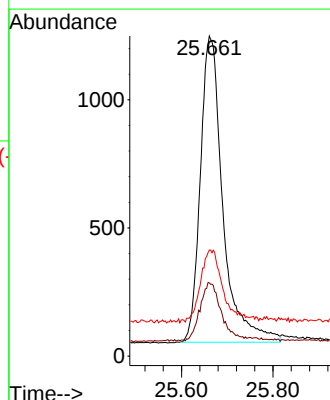
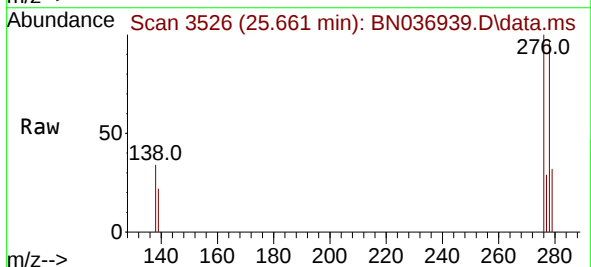
Tgt Ion:278 Resp: 4085

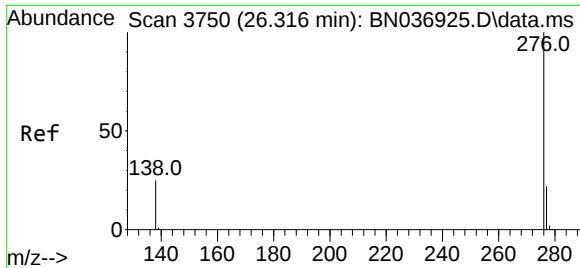
Ion Ratio Lower Upper

278 100

139 22.9 17.4 26.2

279 33.1 24.9 37.3





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.326 ng  
 RT: 26.324 min Scan# 31  
 Delta R.T. 0.009 min  
 Lab File: BN036939.D  
 Acq: 29 Apr 2025 14:54

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167728BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 4245  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 26.0  | 20.2  | 30.2  |
| 138      | 27.8  | 21.9  | 32.9  |

