

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN043025\  
 Data File : BN036952.D  
 Acq On : 30 Apr 2025 18:17  
 Operator : RC/JU  
 Sample : PB167760BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167760BS

Quant Time: May 01 01:12:39 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

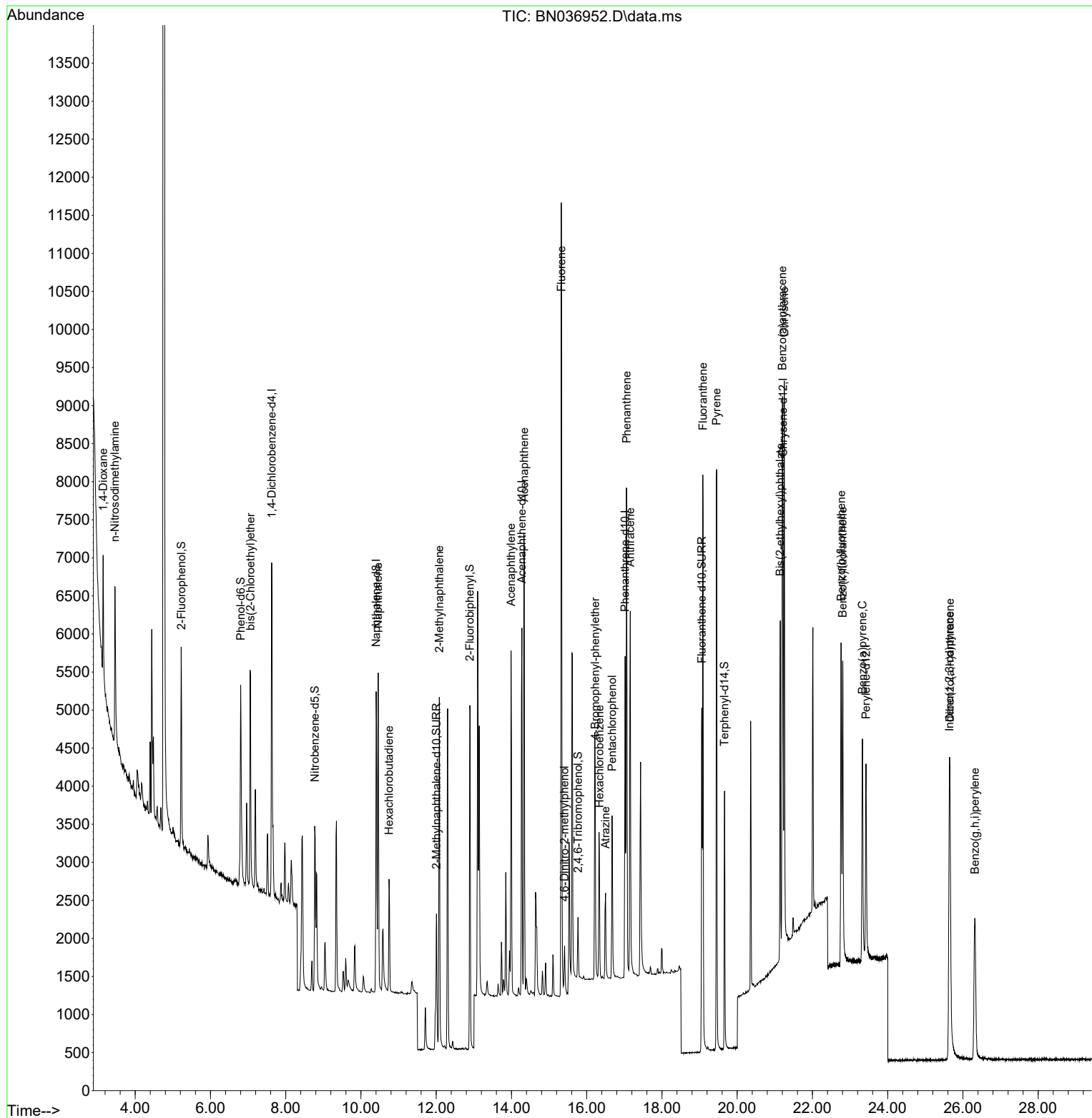
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|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.626  | 152  | 2072     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.404 | 136  | 5162     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.277 | 164  | 2727     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.021 | 188  | 5423     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.216 | 240  | 4126     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.424 | 264  | 3488     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.228  | 112  | 1848     | 0.349 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.802  | 99   | 2148     | 0.329 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.771  | 82   | 1862     | 0.345 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.006 | 152  | 2630m    | 0.364 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.767 | 330  | 416      | 0.342 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.894 | 172  | 4134     | 0.314 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.059 | 212  | 4961     | 0.353 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.663 | 244  | 3494     | 0.359 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.148  | 88   | 740      | 0.287 | ng    | # 43     |
| 3) n-Nitrosodimethylamine     | 3.458  | 42   | 1917     | 0.383 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.062  | 93   | 2097     | 0.347 | ng    | 96       |
| 9) Naphthalene                | 10.458 | 128  | 5188     | 0.345 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.746 | 225  | 1196     | 0.368 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.082 | 142  | 3288     | 0.339 | ng    | 99       |
| 16) Acenaphthylene            | 13.989 | 152  | 4827     | 0.362 | ng    | 99       |
| 17) Acenaphthene              | 14.342 | 154  | 3061     | 0.350 | ng    | 100      |
| 18) Fluorene                  | 15.325 | 166  | 3953     | 0.345 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.411 | 198  | 481      | 0.335 | ng    | # 78     |
| 21) 4-Bromophenyl-phenylether | 16.227 | 248  | 1251     | 0.346 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.338 | 284  | 1382     | 0.348 | ng    | 96       |
| 23) Atrazine                  | 16.500 | 200  | 1092     | 0.374 | ng    | 98       |
| 24) Pentachlorophenol         | 16.674 | 266  | 1008     | 0.474 | ng    | 98       |
| 25) Phenanthrene              | 17.058 | 178  | 6409     | 0.358 | ng    | 100      |
| 26) Anthracene                | 17.158 | 178  | 5818     | 0.359 | ng    | 100      |
| 28) Fluoranthene              | 19.087 | 202  | 7000     | 0.349 | ng    | 100      |
| 30) Pyrene                    | 19.454 | 202  | 7102     | 0.357 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.198 | 228  | 5546     | 0.365 | ng    | 99       |
| 33) Chrysene                  | 21.251 | 228  | 6250     | 0.381 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.144 | 149  | 3105     | 0.359 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.640 | 276  | 5142     | 0.361 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.763 | 252  | 5169     | 0.352 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.801 | 252  | 5282     | 0.358 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.328 | 252  | 4501     | 0.373 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 25.652 | 278  | 3958     | 0.353 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.316 | 276  | 4079     | 0.328 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

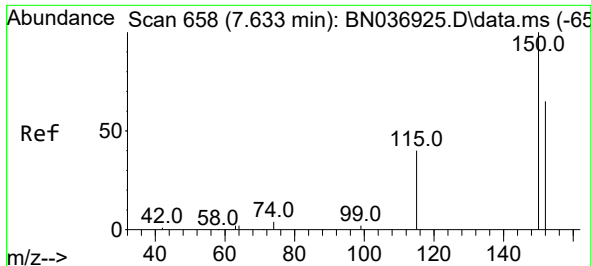
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN043025\  
Data File : BN036952.D  
Acq On : 30 Apr 2025 18:17  
Operator : RC/JU  
Sample : PB167760BS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB167760BS

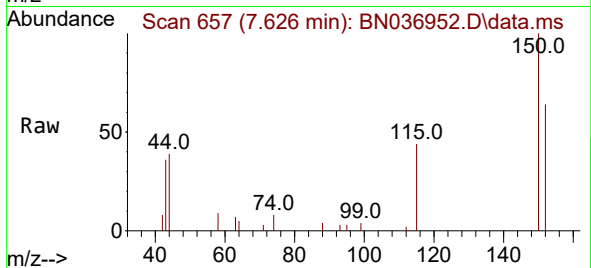
Quant Time: May 01 01:12:39 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Apr 28 15:35:03 2025  
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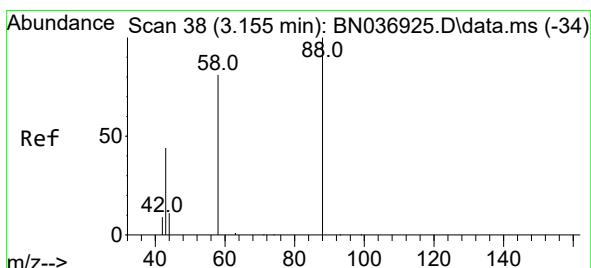
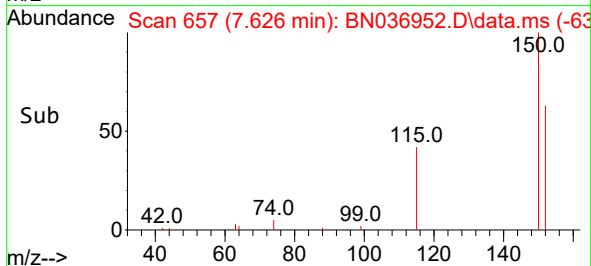
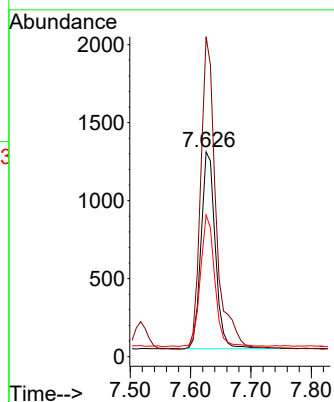


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.626 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

Instrument :  
BNA\_N  
ClientSampleId :  
PB167760BS

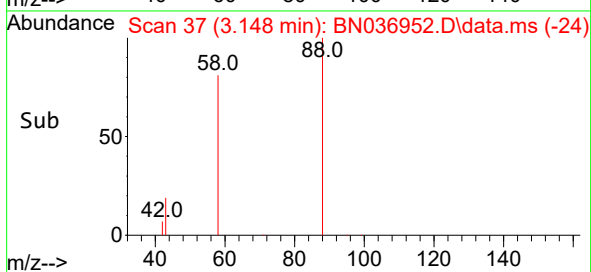
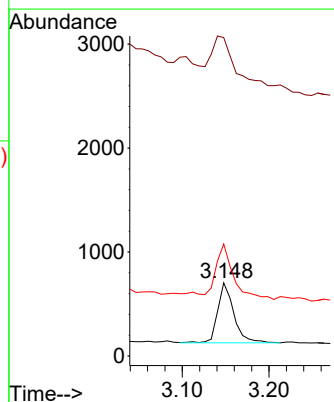
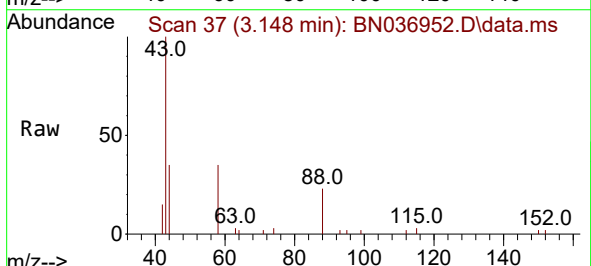


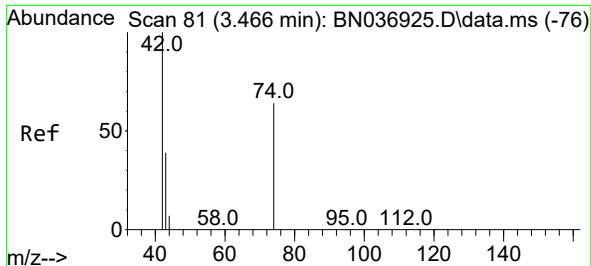
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Ion Ratio Lower Upper  
152 100  
150 156.2 121.1 181.7  
115 69.2 51.8 77.6



#2  
1,4-Dioxane  
Concen: 0.287 ng  
RT: 3.148 min Scan# 37  
Delta R.T. -0.007 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

Tgt Ion: 88 Resp: 740  
Ion Ratio Lower Upper  
88 100  
43 128.4 37.9 56.9#  
58 100.1 65.8 98.6#

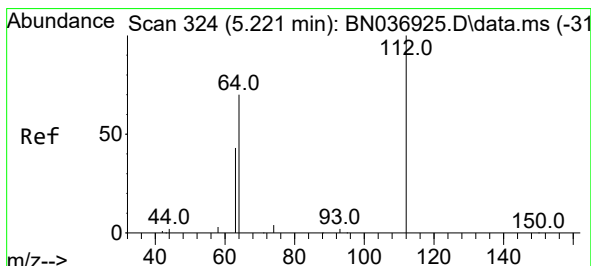
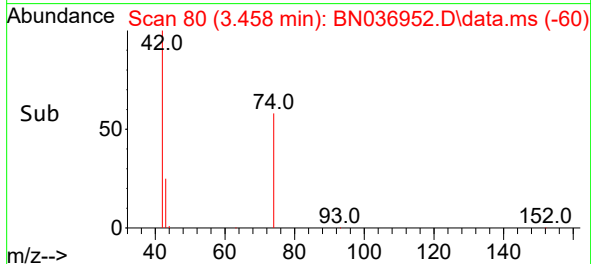
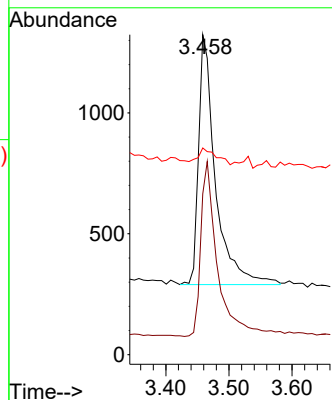
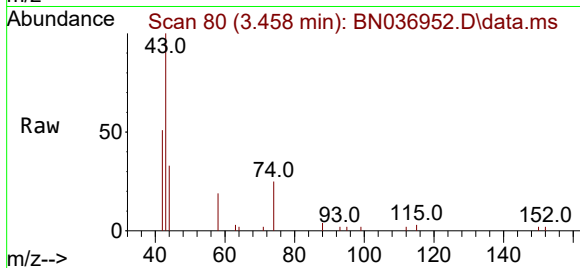




#3  
 n-Nitrosodimethylamine  
 Concen: 0.383 ng  
 RT: 3.458 min Scan# 80  
 Delta R.T. -0.007 min  
 Lab File: BN036952.D  
 Acq: 30 Apr 2025 18:17

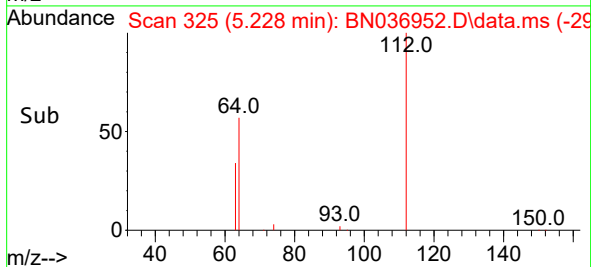
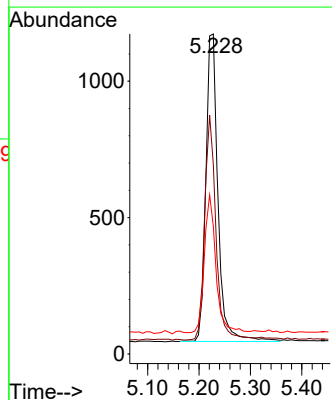
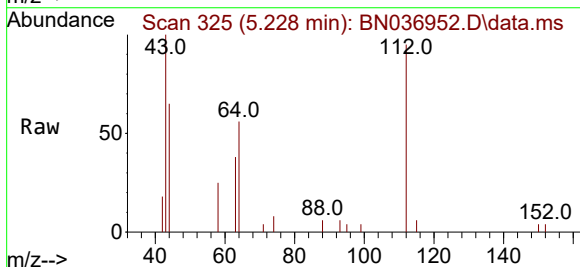
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167760BS

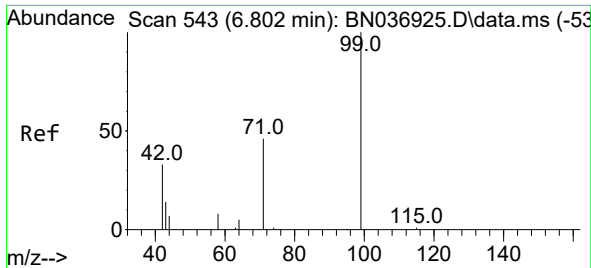
Tgt Ion: 42 Resp: 1917  
 Ion Ratio Lower Upper  
 42 100  
 74 70.0 59.9 89.9  
 44 6.7 7.5 11.3#



#4  
 2-Fluorophenol  
 Concen: 0.349 ng  
 RT: 5.228 min Scan# 325  
 Delta R.T. 0.007 min  
 Lab File: BN036952.D  
 Acq: 30 Apr 2025 18:17

Tgt Ion: 112 Resp: 1848  
 Ion Ratio Lower Upper  
 112 100  
 64 68.4 55.7 83.5  
 63 42.7 33.9 50.9

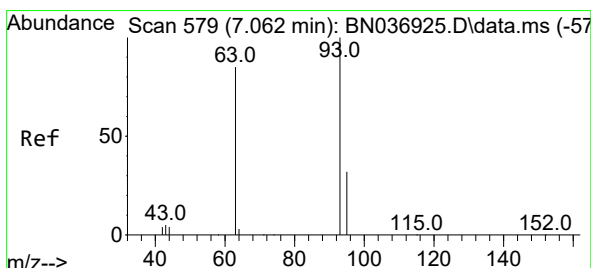
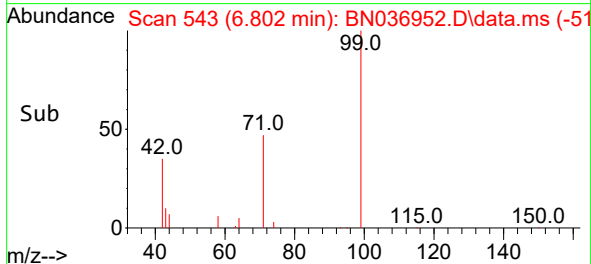
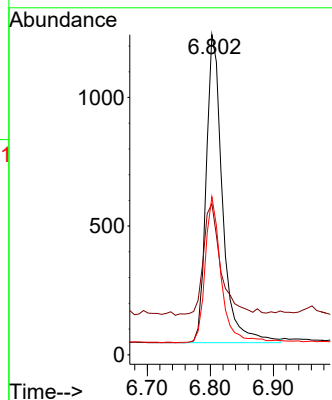
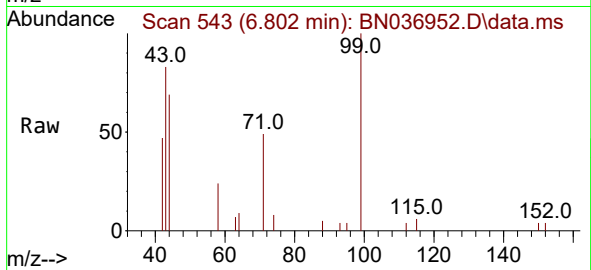




#5  
Phenol-d6  
Concen: 0.329 ng  
RT: 6.802 min Scan# 543  
Delta R.T. 0.000 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

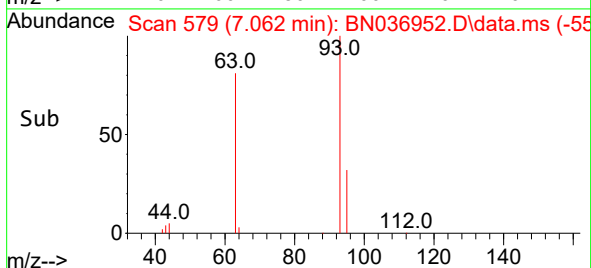
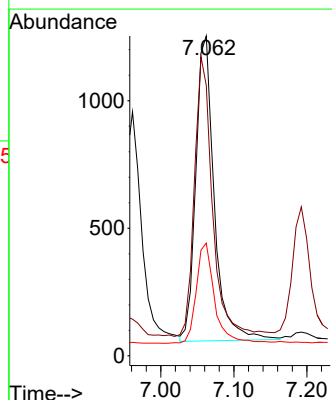
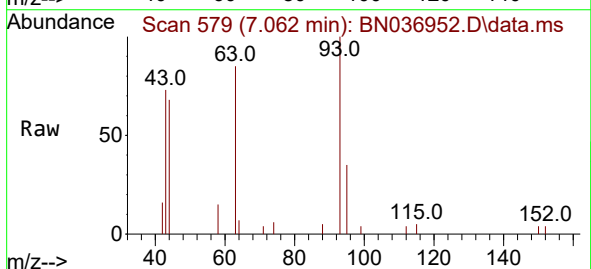
Instrument :  
BNA\_N  
ClientSampleId :  
PB167760BS

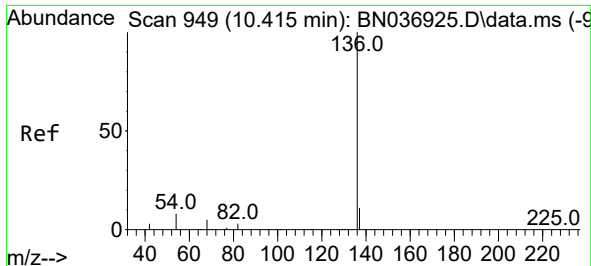
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 2148  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 37.2  | 29.6  | 44.4  |
| 71       | 46.3  | 36.0  | 54.0  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.347 ng  
RT: 7.062 min Scan# 579  
Delta R.T. 0.000 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 2097  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 90.4  | 69.0  | 103.6 |
| 95       | 32.7  | 25.4  | 38.0  |

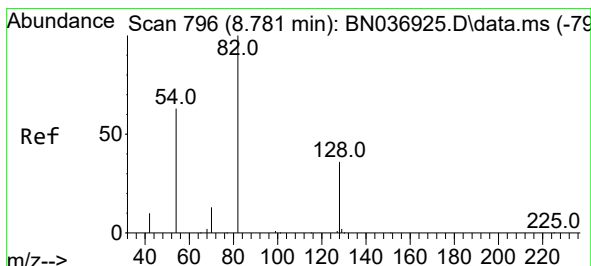
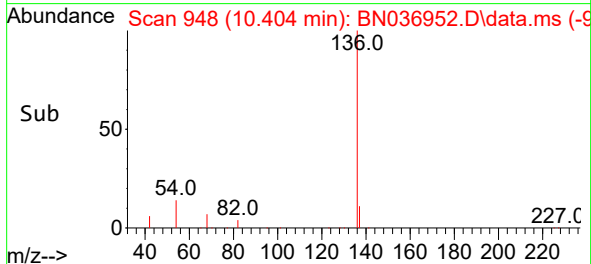
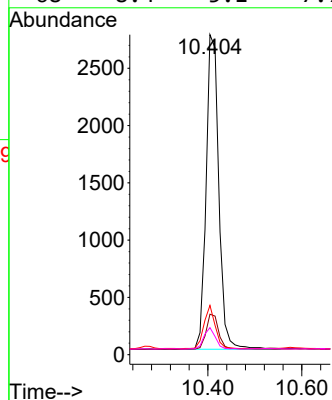
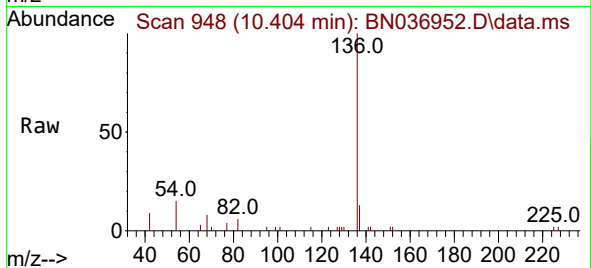




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.404 min Scan# 949  
Delta R.T. -0.011 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

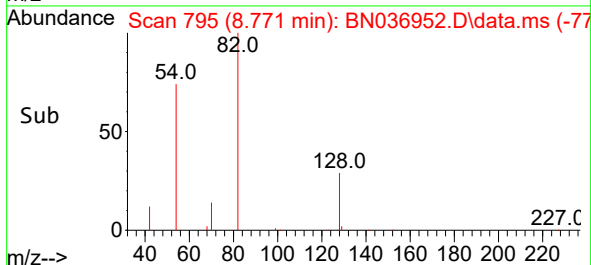
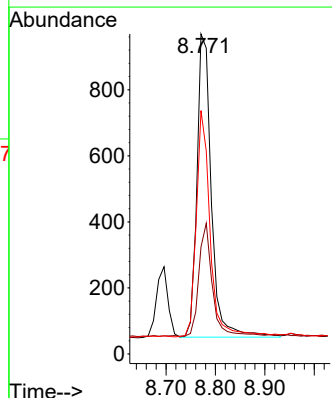
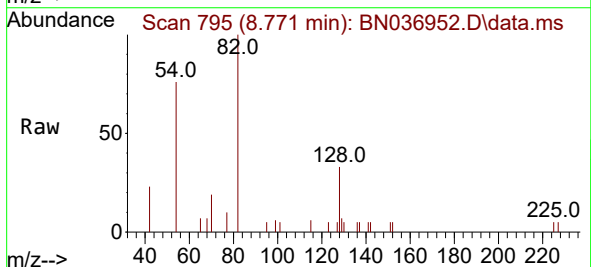
Instrument :  
BNA\_N  
ClientSampleId :  
PB167760BS

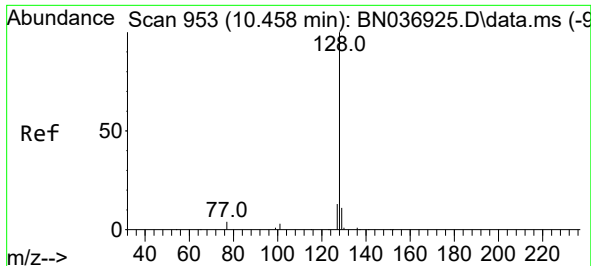
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 5162  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.6  | 9.7   | 14.5  |
| 54       | 15.4  | 8.0   | 12.0# |
| 68       | 8.4   | 5.1   | 7.7#  |



#8  
Nitrobenzene-d5  
Concen: 0.345 ng  
RT: 8.771 min Scan# 795  
Delta R.T. -0.011 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1862  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 33.4  | 30.7  | 46.1  |
| 54       | 76.1  | 52.1  | 78.1  |

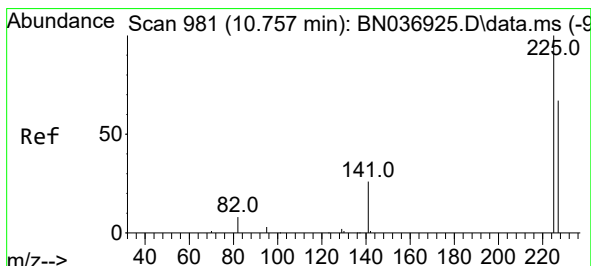
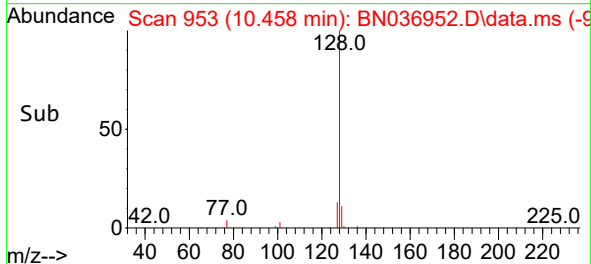
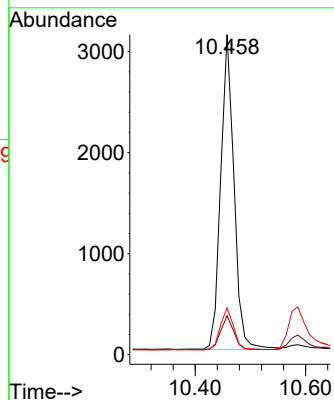
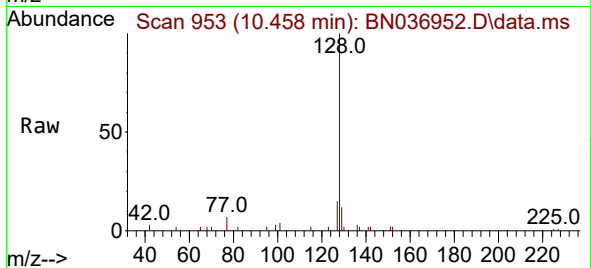




#9  
Naphthalene  
Concen: 0.345 ng  
RT: 10.458 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

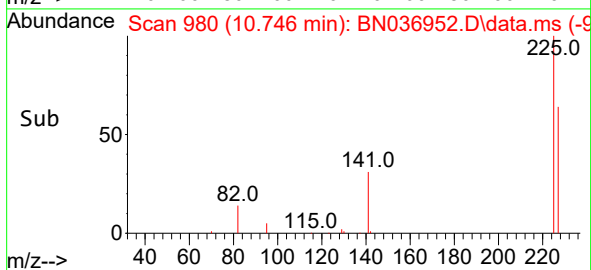
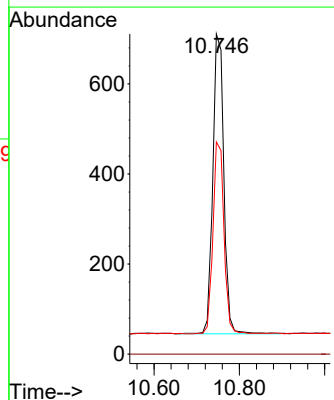
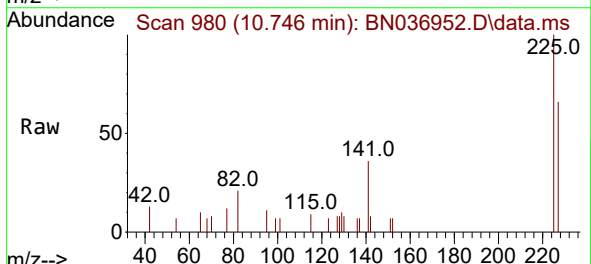
Instrument :  
BNA\_N  
ClientSampleId :  
PB167760BS

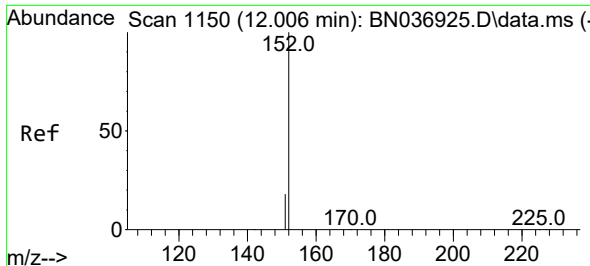
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| Tgt Ion: | 128   | Resp: | 5188  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 12.1  | 9.8   | 14.6  |
| 127      | 14.6  | 11.4  | 17.2  |



#10  
Hexachlorobutadiene  
Concen: 0.368 ng  
RT: 10.746 min Scan# 980  
Delta R.T. -0.011 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1196  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 64.0  | 52.2  | 78.4  |

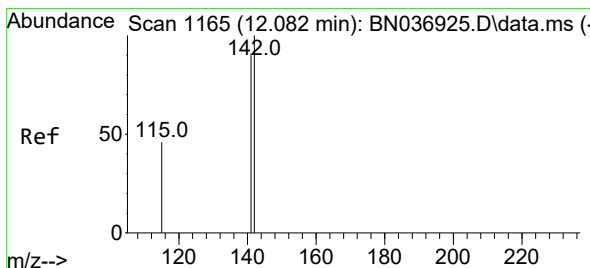
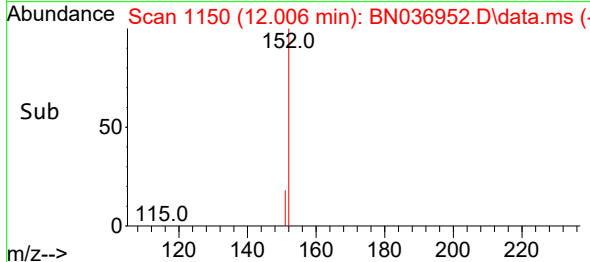
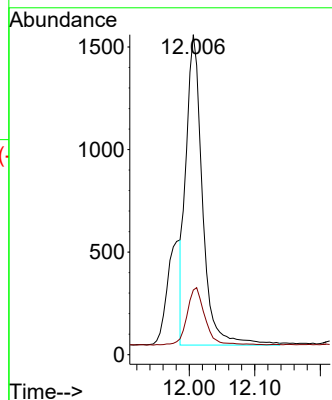
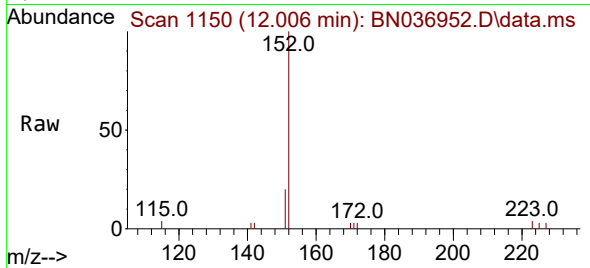




#11  
2-Methylnaphthalene-d10  
Concen: 0.364 ng m  
RT: 12.006 min Scan# 1150  
Delta R.T. 0.000 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

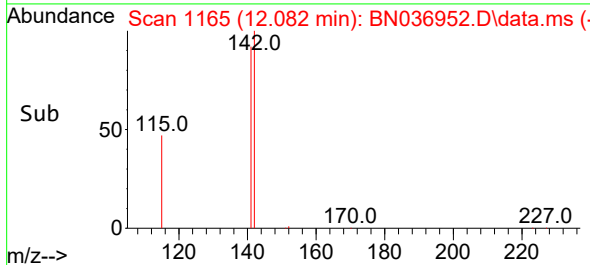
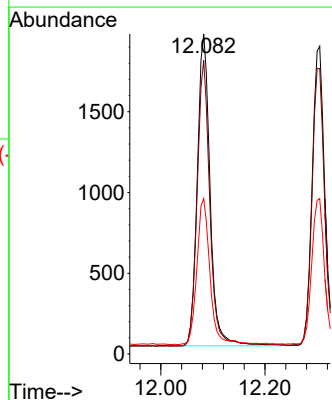
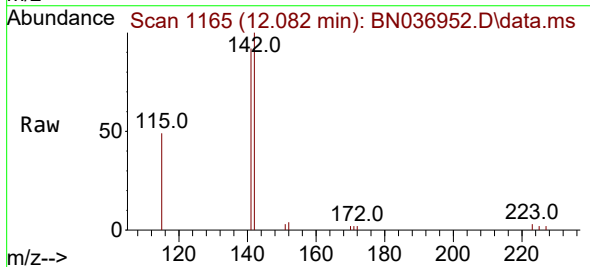
Instrument :  
BNA\_N  
ClientSampleId :  
PB167760BS

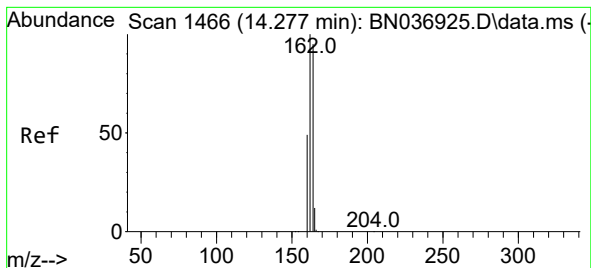
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Ion Ratio Lower Upper  
152 100  
151 20.3 16.9 25.3



#12  
2-Methylnaphthalene  
Concen: 0.339 ng  
RT: 12.082 min Scan# 1165  
Delta R.T. 0.000 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

Tgt Ion:142 Resp: 3288  
Ion Ratio Lower Upper  
142 100  
141 91.8 72.8 109.2  
115 48.6 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: BN036952.D

Acq: 30 Apr 2025 18:17

Instrument :

BNA\_N

ClientSampleId :

PB167760BS

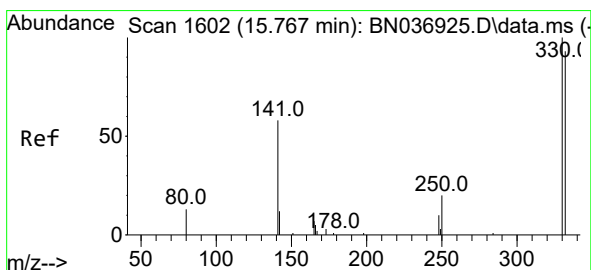
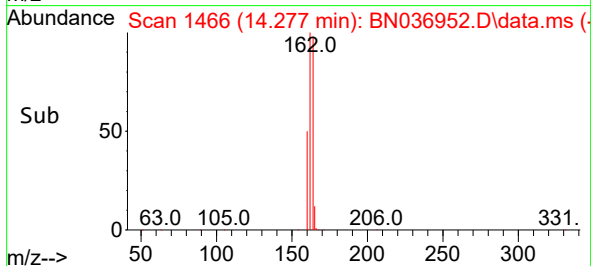
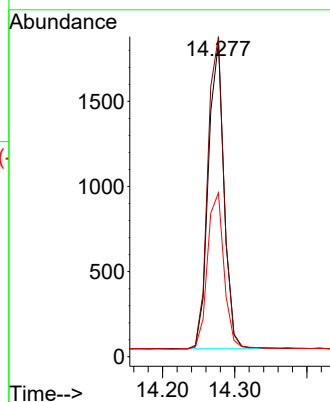
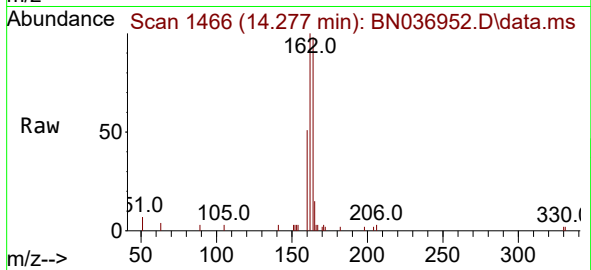
Tgt Ion:164 Resp: 2727

Ion Ratio Lower Upper

164 100

162 101.6 83.8 125.8

160 52.1 42.0 63.0



#14

2,4,6-Tribromophenol

Concen: 0.342 ng

RT: 15.767 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BN036952.D

Acq: 30 Apr 2025 18:17

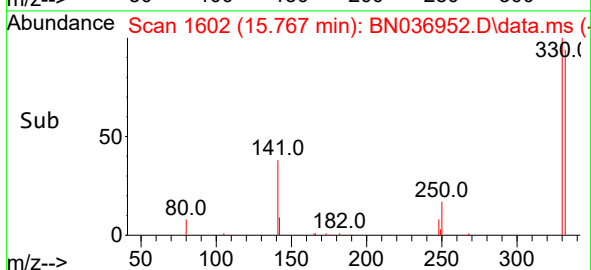
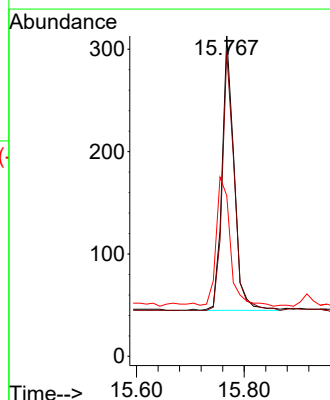
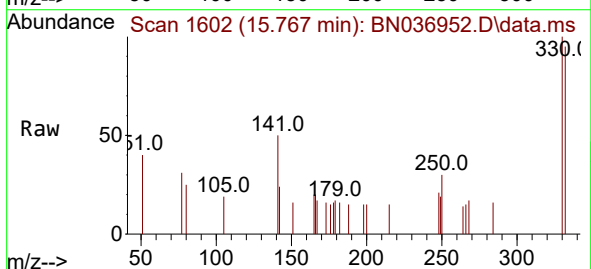
Tgt Ion:330 Resp: 416

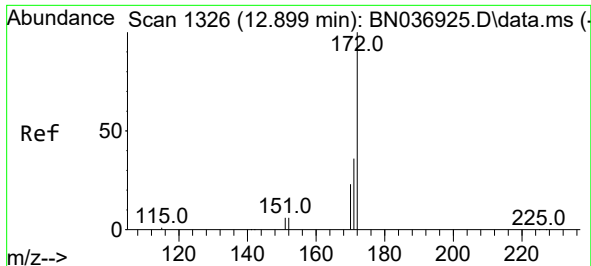
Ion Ratio Lower Upper

330 100

332 93.8 76.3 114.5

141 54.3 45.4 68.2

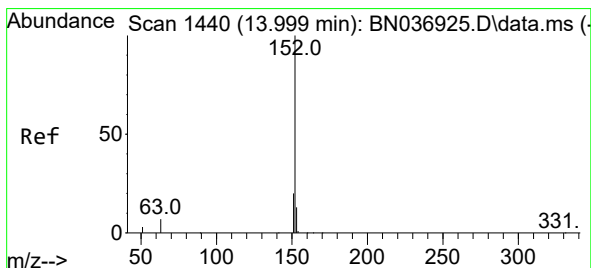
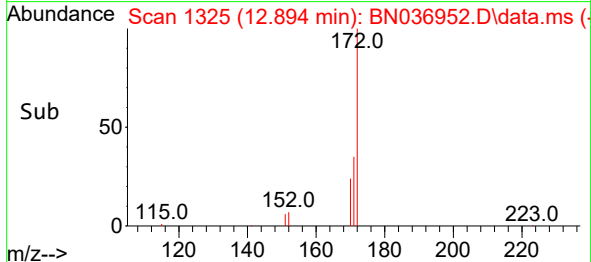
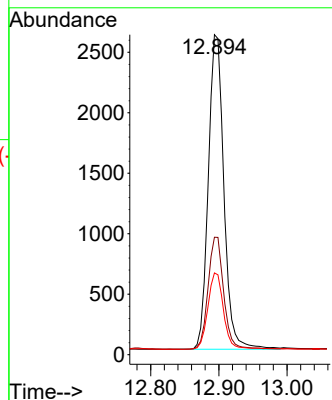
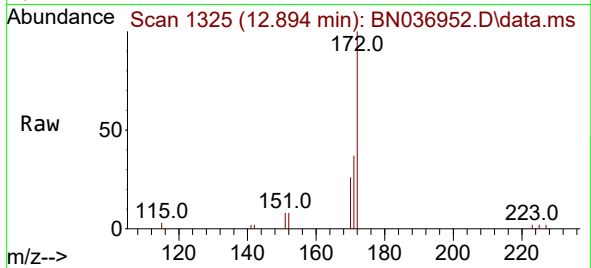




#15  
2-Fluorobiphenyl  
Concen: 0.314 ng  
RT: 12.894 min Scan# 1439  
Delta R.T. -0.005 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

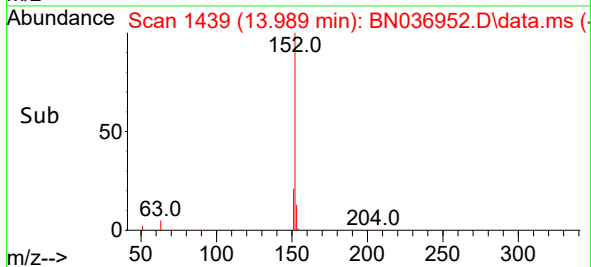
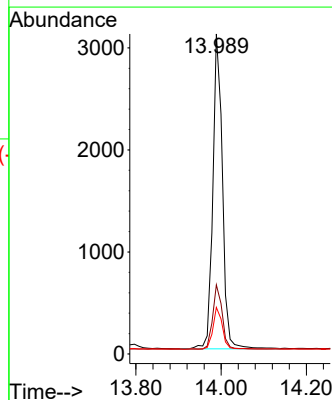
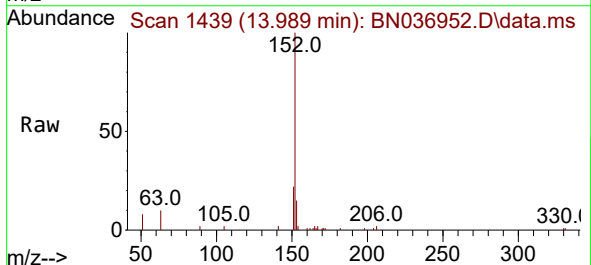
Instrument :  
BNA\_N  
ClientSampleId :  
PB167760BS

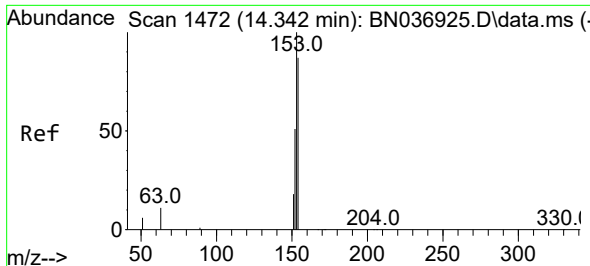
Tgt Ion:172 Resp: 4134  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.4 44.0  
170 25.6 19.4 29.0



#16  
Acenaphthylene  
Concen: 0.362 ng  
RT: 13.989 min Scan# 1439  
Delta R.T. -0.011 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

Tgt Ion:152 Resp: 4827  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.0 24.0  
153 13.3 10.2 15.2

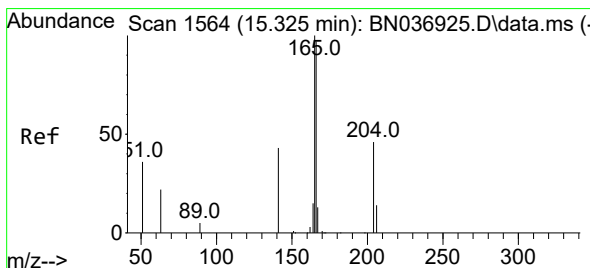
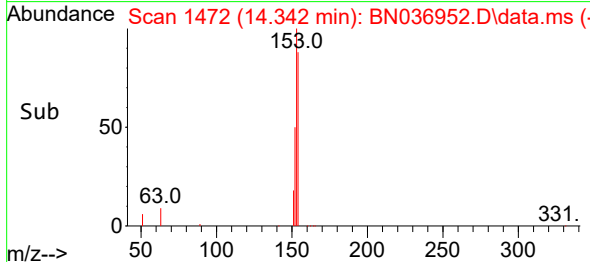
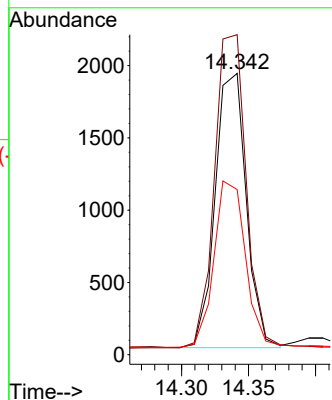
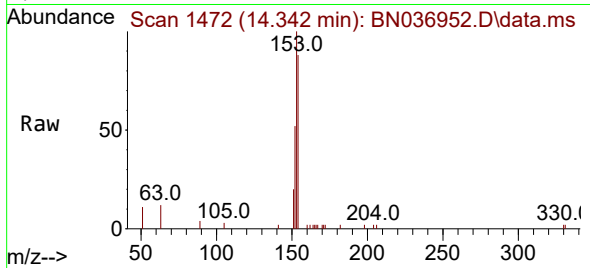




#17  
Acenaphthene  
Concen: 0.350 ng  
RT: 14.342 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

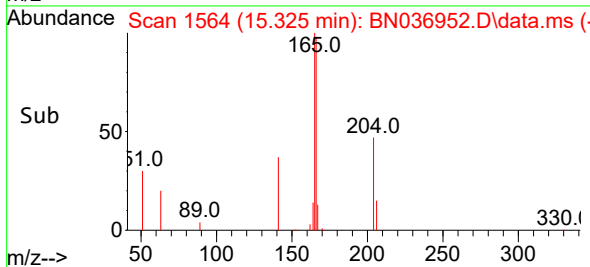
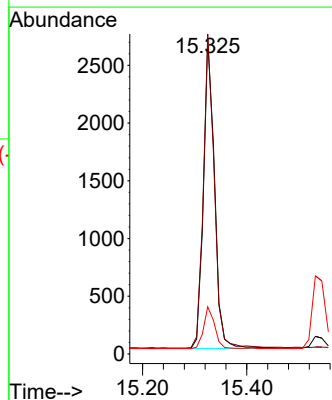
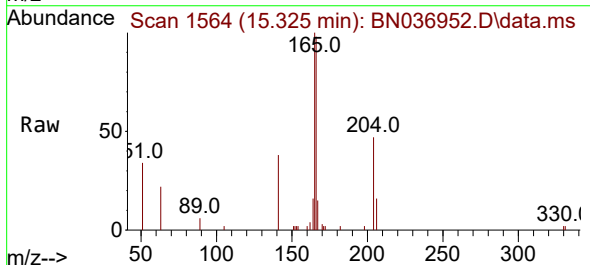
Instrument :  
BNA\_N  
ClientSampleId :  
PB167760BS

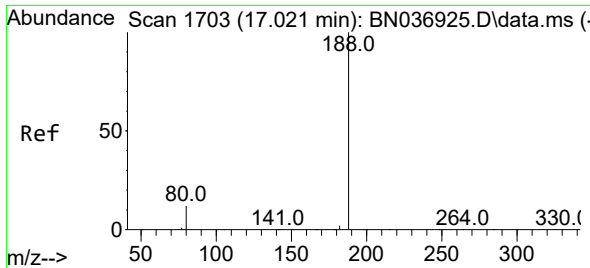
Tgt Ion:154 Resp: 3061  
Ion Ratio Lower Upper  
154 100  
153 117.0 93.4 140.2  
152 62.4 49.5 74.3



#18  
Fluorene  
Concen: 0.345 ng  
RT: 15.325 min Scan# 1564  
Delta R.T. 0.000 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

Tgt Ion:166 Resp: 3953  
Ion Ratio Lower Upper  
166 100  
165 100.9 80.8 121.2  
167 13.4 10.8 16.2

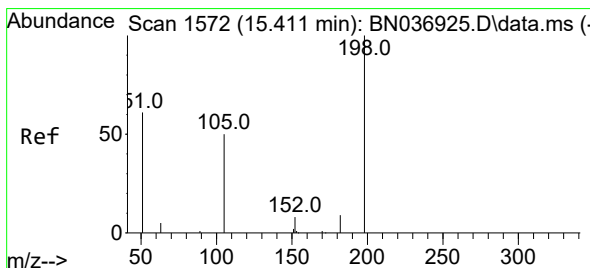
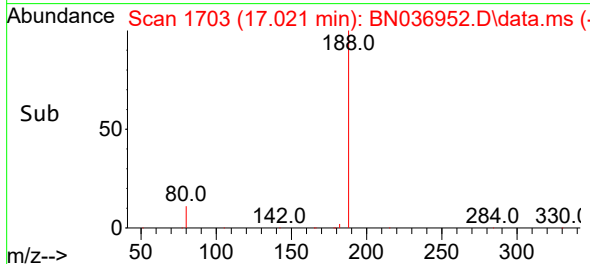
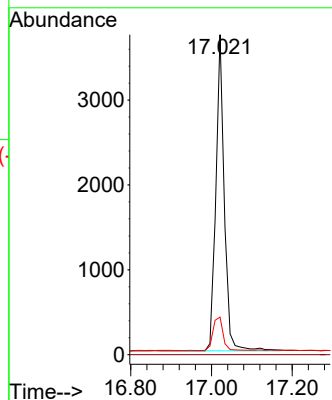
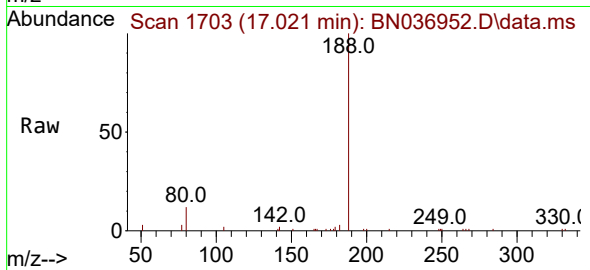




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.021 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

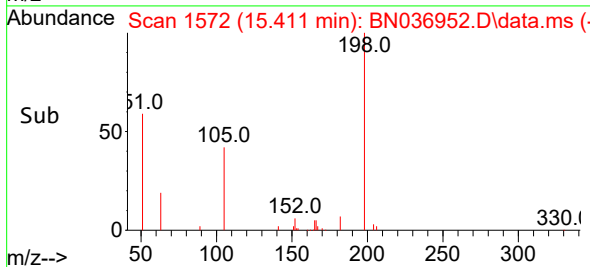
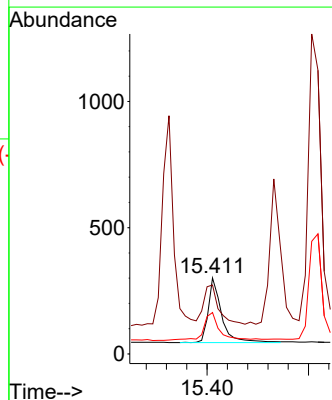
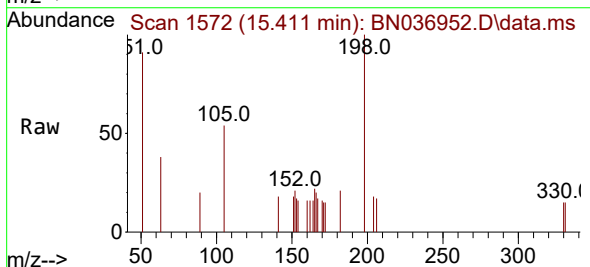
Instrument :  
BNA\_N  
ClientSampleId :  
PB167760BS

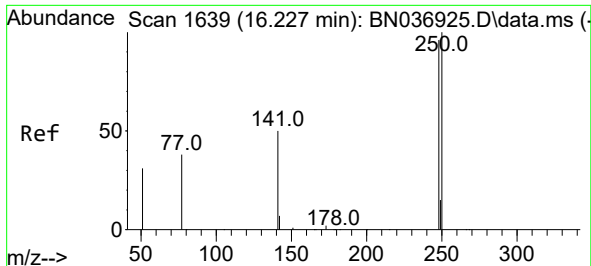
Tgt Ion:188 Resp: 5423  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.7 10.7 16.1



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.335 ng  
RT: 15.411 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

Tgt Ion:198 Resp: 481  
Ion Ratio Lower Upper  
198 100  
51 90.7 97.9 146.9#  
105 54.5 50.0 75.0

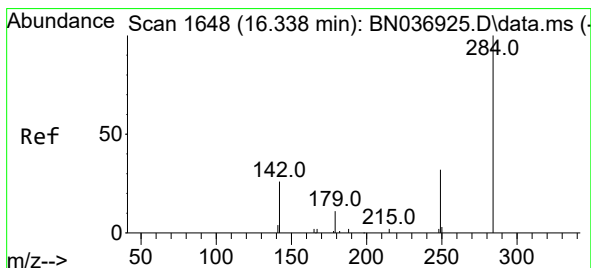
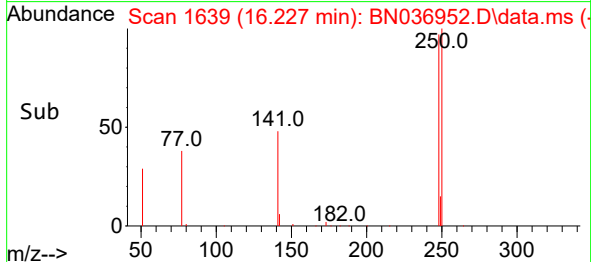
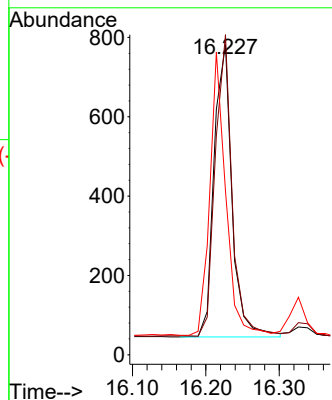
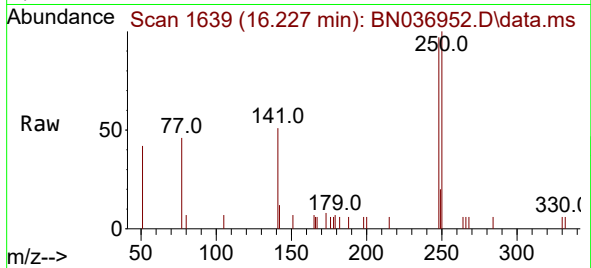




#21  
4-Bromophenyl-phenylether  
Concen: 0.346 ng  
RT: 16.227 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

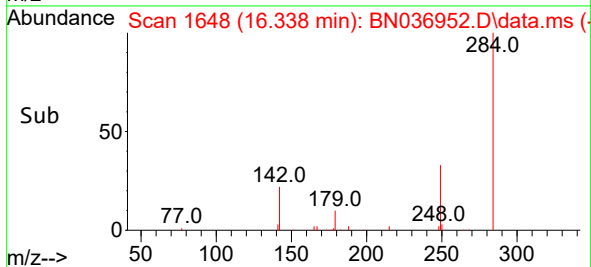
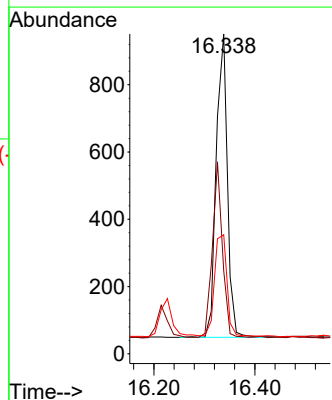
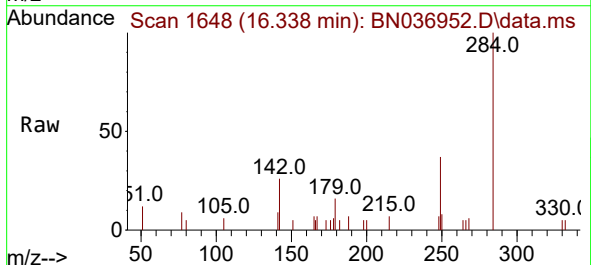
Instrument :  
BNA\_N  
ClientSampleId :  
PB167760BS

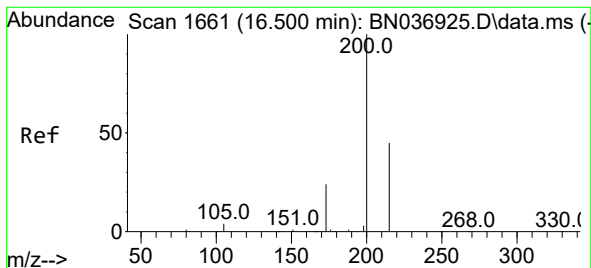
Tgt Ion:248 Resp: 1251  
Ion Ratio Lower Upper  
248 100  
250 103.2 83.7 125.5  
141 52.8 43.8 65.8



#22  
Hexachlorobenzene  
Concen: 0.348 ng  
RT: 16.338 min Scan# 1648  
Delta R.T. 0.000 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

Tgt Ion:284 Resp: 1382  
Ion Ratio Lower Upper  
284 100  
142 52.0 40.0 60.0  
249 38.1 28.2 42.2





#23

Atrazine

Concen: 0.374 ng

RT: 16.500 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036952.D

Acq: 30 Apr 2025 18:17

Instrument :

BNA\_N

ClientSampleId :

PB167760BS

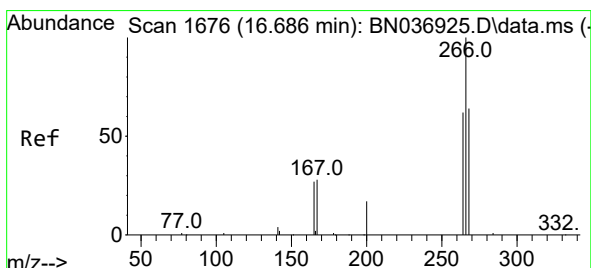
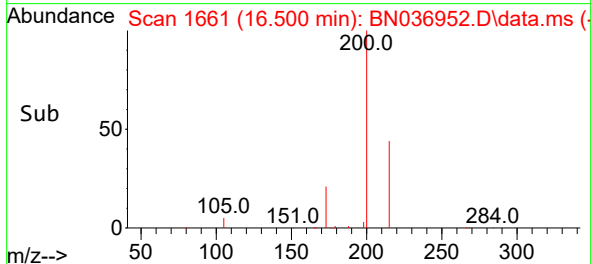
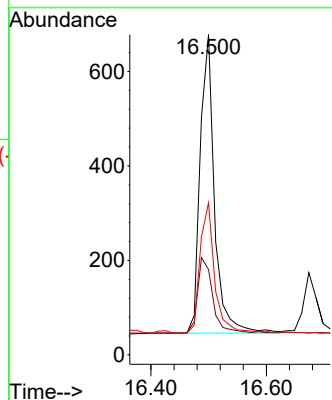
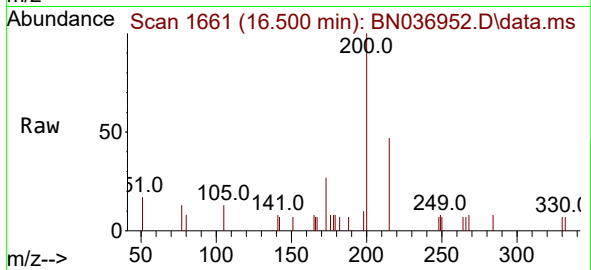
Tgt Ion:200 Resp: 1092

Ion Ratio Lower Upper

200 100

173 26.7 22.4 33.6

215 47.5 38.6 57.8



#24

Pentachlorophenol

Concen: 0.474 ng

RT: 16.674 min Scan# 1675

Delta R.T. -0.012 min

Lab File: BN036952.D

Acq: 30 Apr 2025 18:17

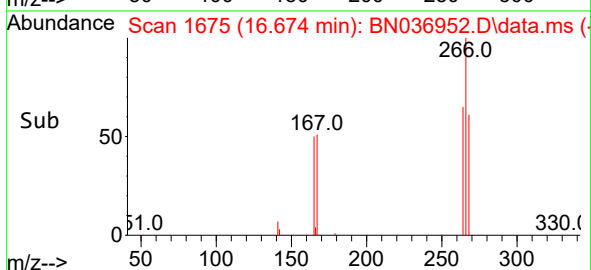
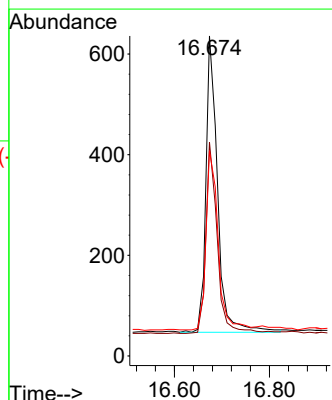
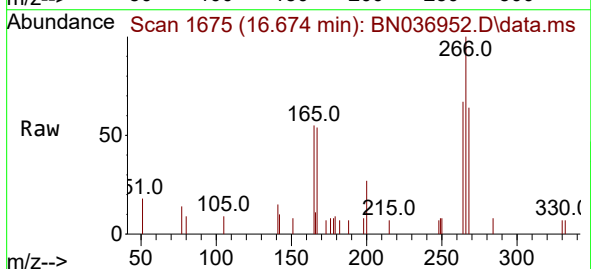
Tgt Ion:266 Resp: 1008

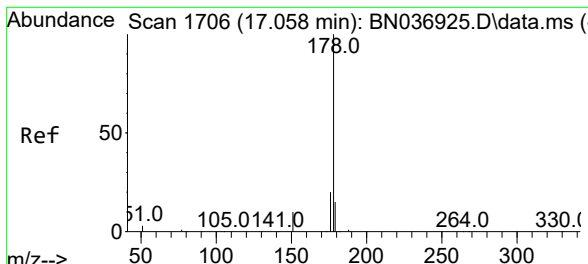
Ion Ratio Lower Upper

266 100

264 63.2 49.9 74.9

268 63.3 52.2 78.4



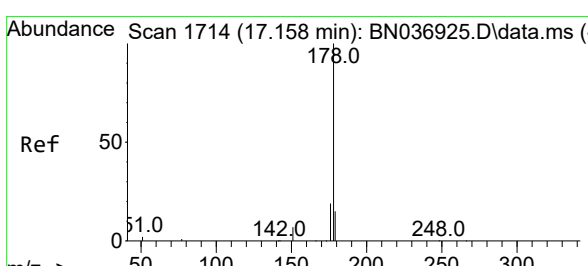
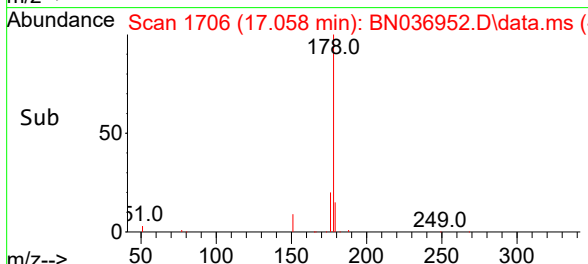
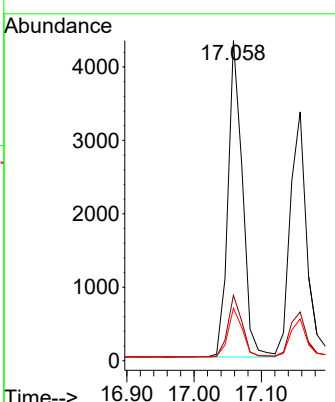
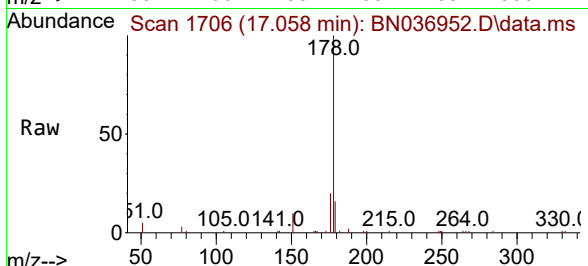


#25  
 Phenanthrene  
 Concen: 0.358 ng  
 RT: 17.058 min Scan# 1706  
 Delta R.T. 0.000 min  
 Lab File: BN036952.D  
 Acq: 30 Apr 2025 18:17

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167760BS

Tgt Ion:178 Resp: 6409

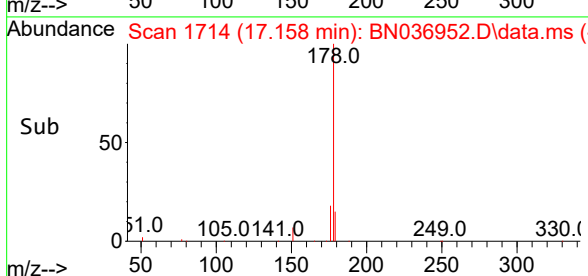
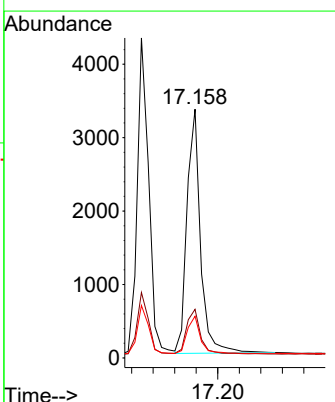
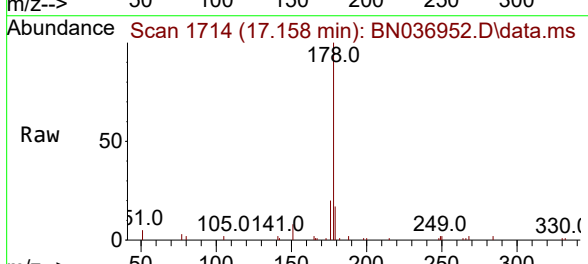
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.8  | 15.7  | 23.5  |
| 179 | 15.4  | 12.4  | 18.6  |

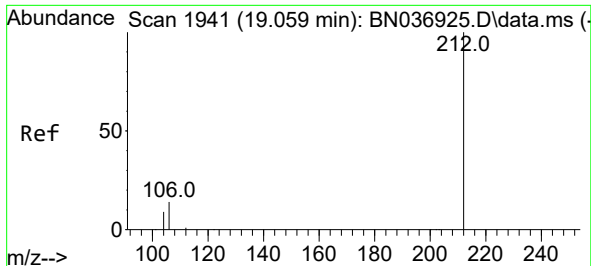


#26  
 Anthracene  
 Concen: 0.359 ng  
 RT: 17.158 min Scan# 1714  
 Delta R.T. 0.000 min  
 Lab File: BN036952.D  
 Acq: 30 Apr 2025 18:17

Tgt Ion:178 Resp: 5818

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.9  | 15.3  | 22.9  |
| 179 | 15.0  | 12.1  | 18.1  |

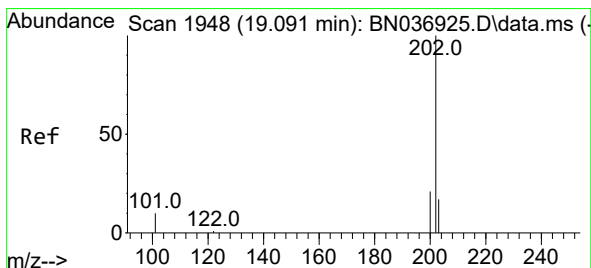
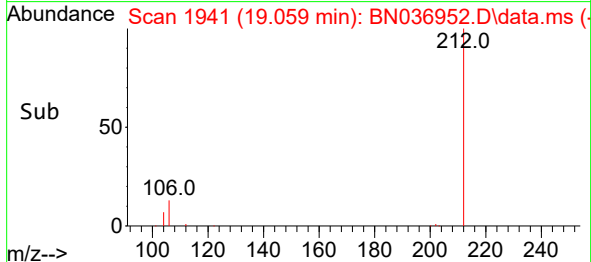
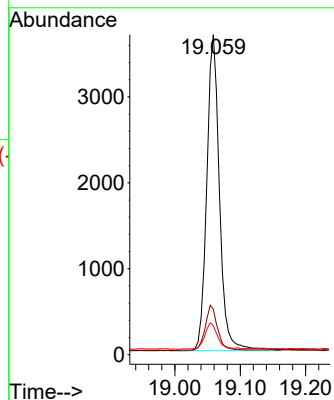
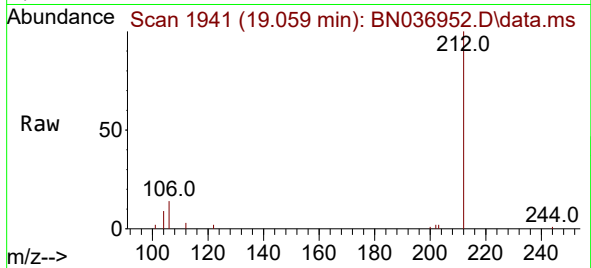




#27  
Fluoranthene-d10  
Concen: 0.353 ng  
RT: 19.059 min Scan# 1941  
Delta R.T. 0.000 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

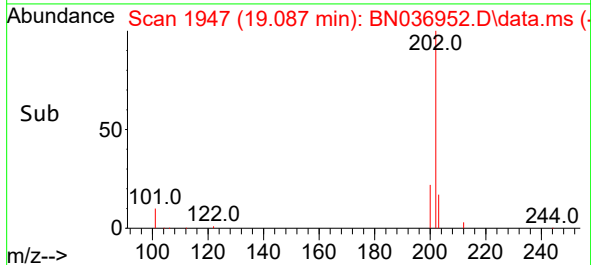
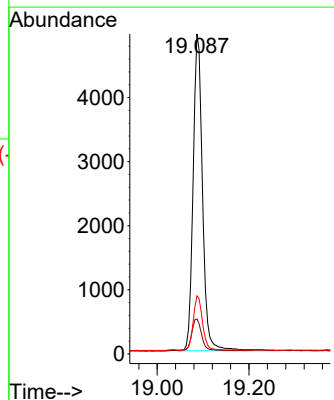
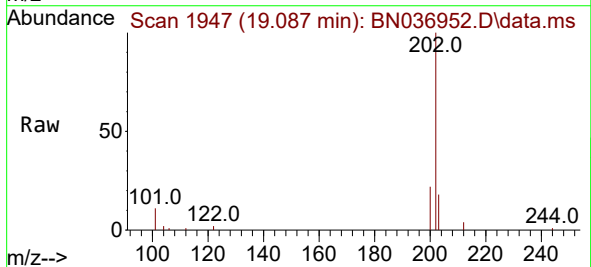
Instrument :  
BNA\_N  
ClientSampleId :  
PB167760BS

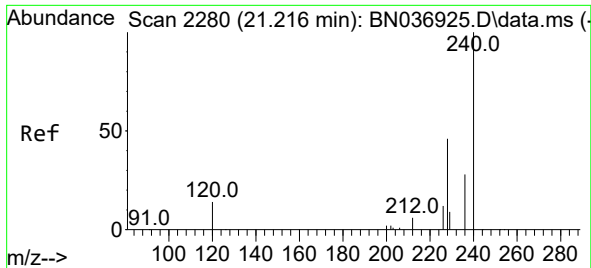
Tgt Ion:212 Resp: 4961  
Ion Ratio Lower Upper  
212 100  
106 13.6 11.6 17.4  
104 8.4 7.0 10.4



#28  
Fluoranthene  
Concen: 0.349 ng  
RT: 19.087 min Scan# 1947  
Delta R.T. -0.005 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

Tgt Ion:202 Resp: 7000  
Ion Ratio Lower Upper  
202 100  
101 10.5 8.5 12.7  
203 17.0 13.7 20.5

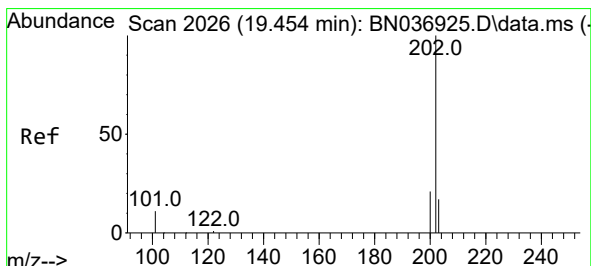
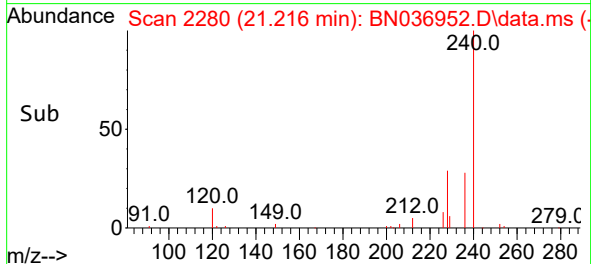
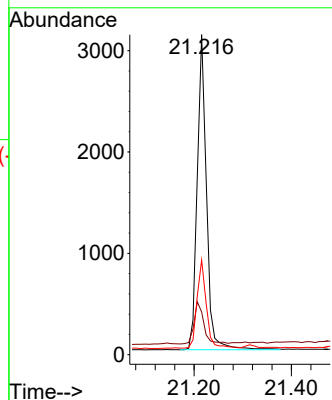
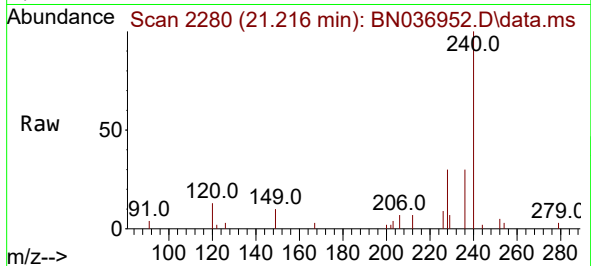




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.216 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

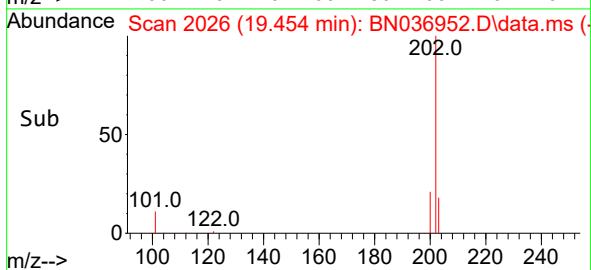
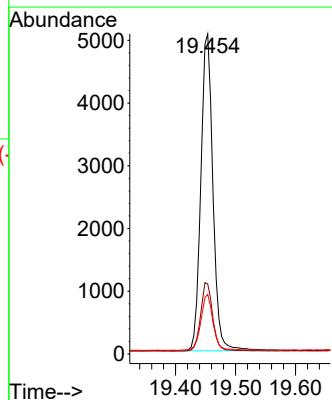
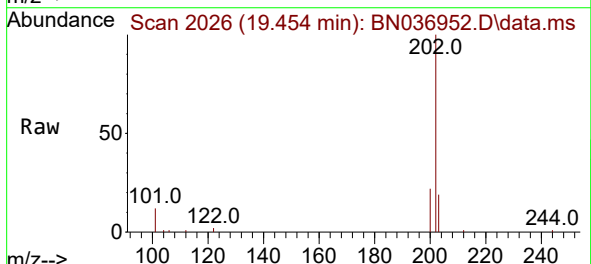
Instrument :  
BNA\_N  
ClientSampleId :  
PB167760BS

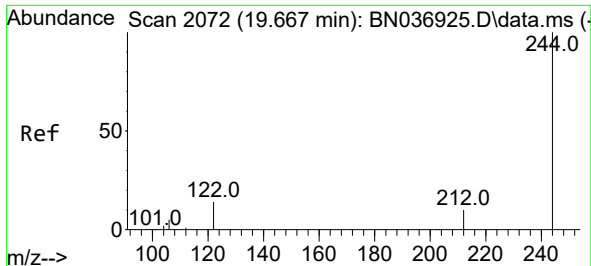
Tgt Ion:240 Resp: 4126  
Ion Ratio Lower Upper  
240 100  
120 13.4 14.1 21.1#  
236 29.6 23.8 35.8



#30  
Pyrene  
Concen: 0.357 ng  
RT: 19.454 min Scan# 2026  
Delta R.T. -0.000 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

Tgt Ion:202 Resp: 7102  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.0 25.6  
203 17.9 14.0 21.0

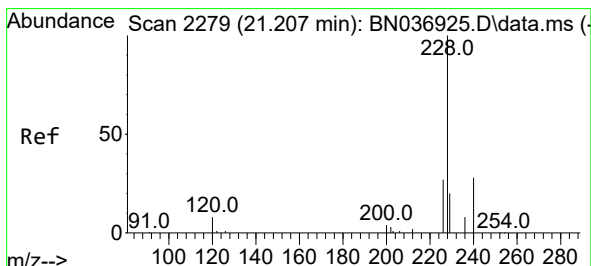
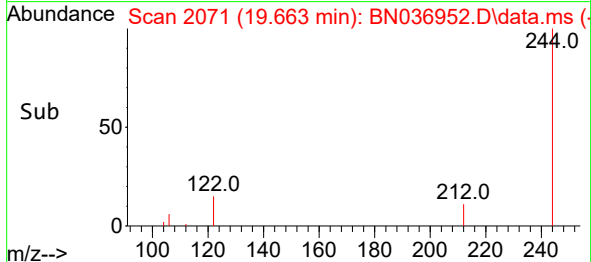
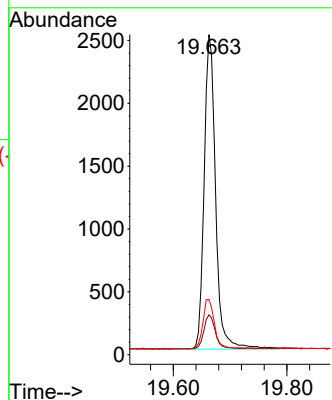
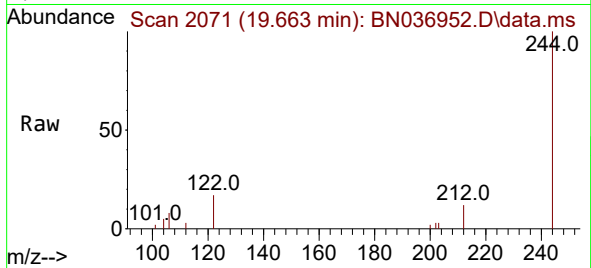




#31  
 Terphenyl-d14  
 Concen: 0.359 ng  
 RT: 19.663 min Scan# 2071  
 Delta R.T. -0.005 min  
 Lab File: BN036952.D  
 Acq: 30 Apr 2025 18:17

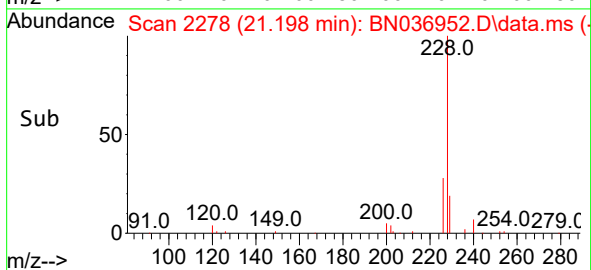
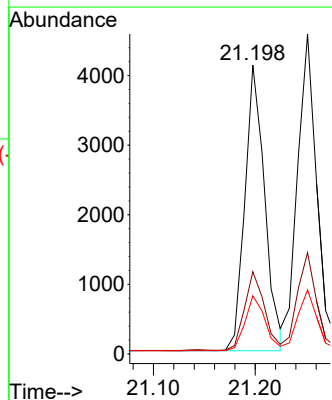
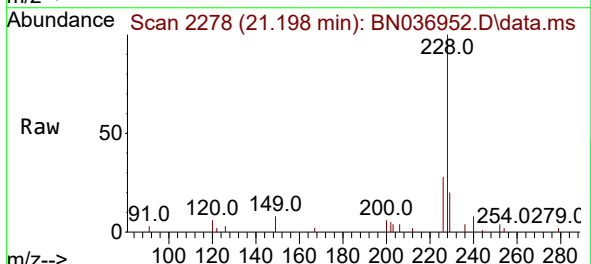
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167760BS

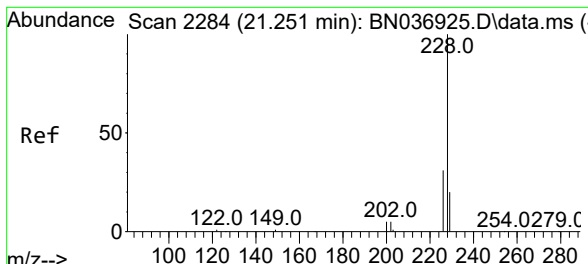
Tgt Ion:244 Resp: 3494  
 Ion Ratio Lower Upper  
 244 100  
 212 12.5 9.6 14.4  
 122 17.2 12.7 19.1



#32  
 Benzo(a)anthracene  
 Concen: 0.365 ng  
 RT: 21.198 min Scan# 2278  
 Delta R.T. -0.009 min  
 Lab File: BN036952.D  
 Acq: 30 Apr 2025 18:17

Tgt Ion:228 Resp: 5546  
 Ion Ratio Lower Upper  
 228 100  
 226 28.5 22.2 33.4  
 229 20.1 16.4 24.6

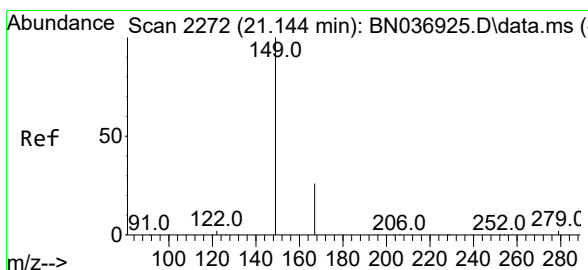
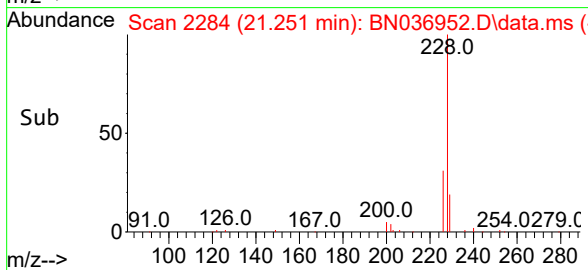
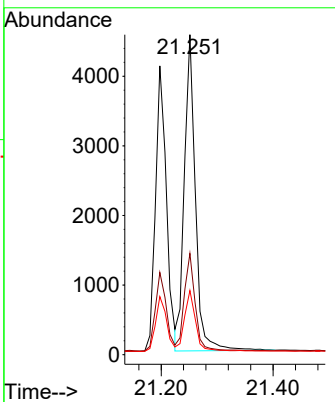
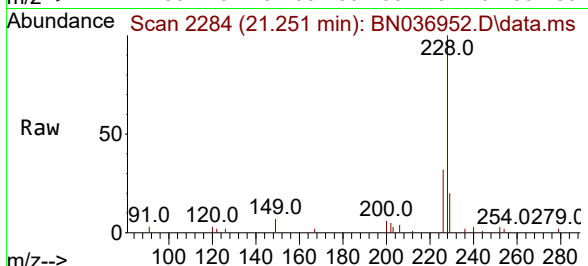




#33  
 Chrysene  
 Concen: 0.381 ng  
 RT: 21.251 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN036952.D  
 Acq: 30 Apr 2025 18:17

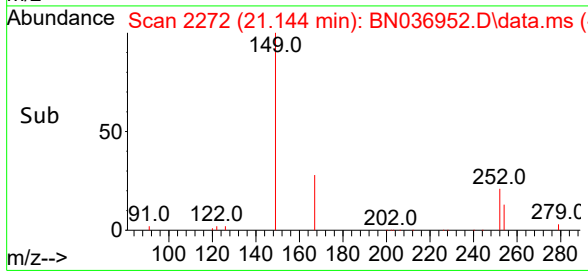
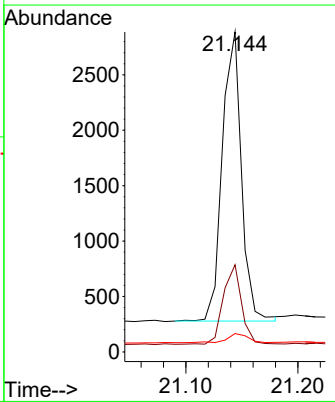
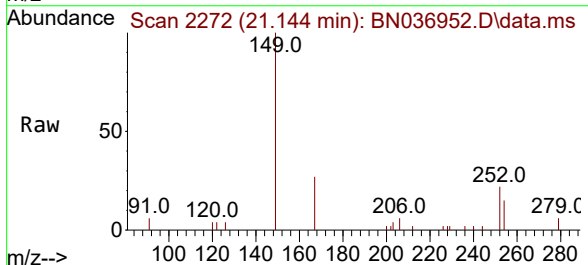
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167760BS

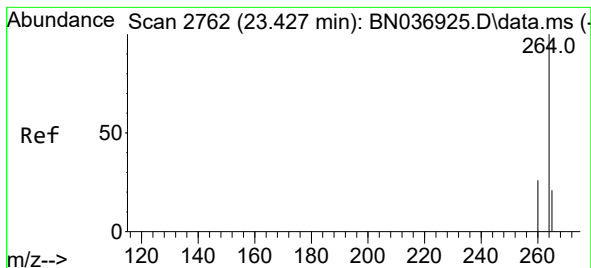
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 6250 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 31.6  | 25.5  | 38.3 |
| 229       | 20.0  | 16.5  | 24.7 |



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.359 ng  
 RT: 21.144 min Scan# 2272  
 Delta R.T. -0.000 min  
 Lab File: BN036952.D  
 Acq: 30 Apr 2025 18:17

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 3105 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 26.3  | 21.0  | 31.6 |
| 279       | 3.3   | 2.7   | 4.1  |





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.424 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN036952.D

Acq: 30 Apr 2025 18:17

Instrument :

BNA\_N

ClientSampleId :

PB167760BS

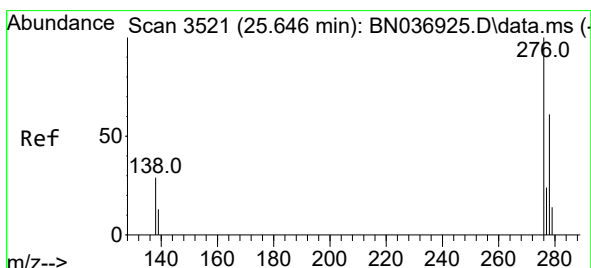
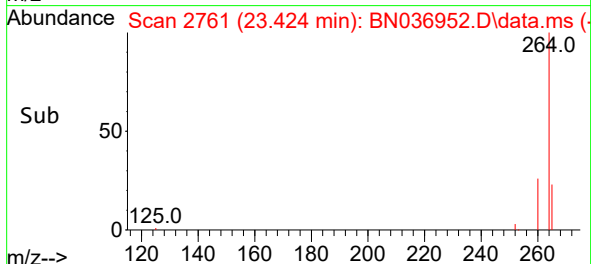
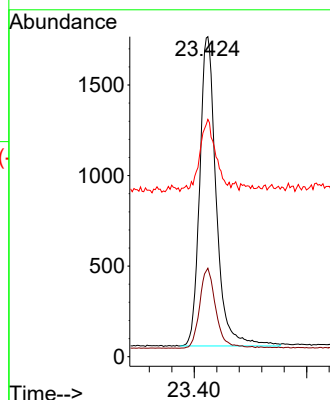
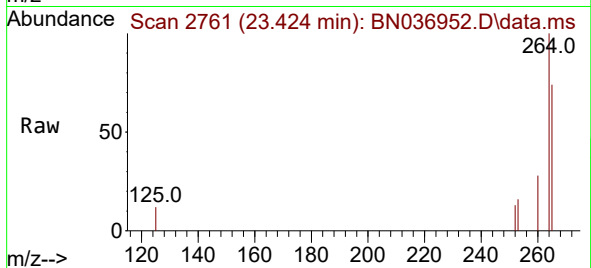
Tgt Ion:264 Resp: 3488

Ion Ratio Lower Upper

264 100

260 27.7 22.2 33.2

265 74.1 65.8 98.6



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.361 ng

RT: 25.640 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BN036952.D

Acq: 30 Apr 2025 18:17

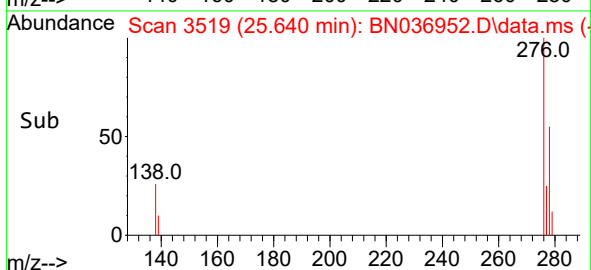
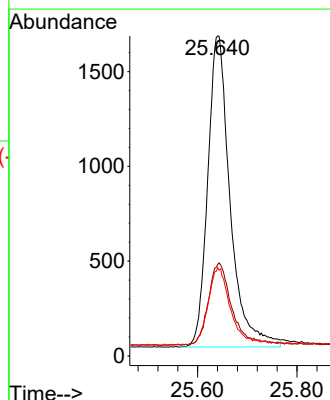
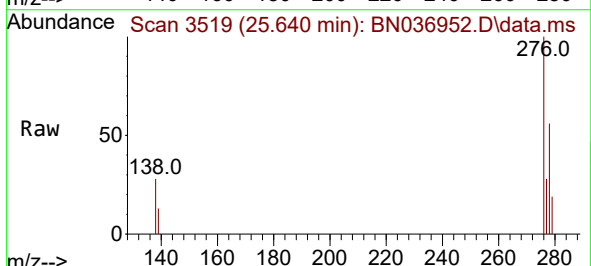
Tgt Ion:276 Resp: 5142

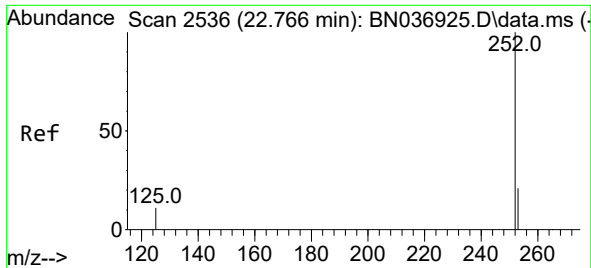
Ion Ratio Lower Upper

276 100

138 27.1 23.0 34.6

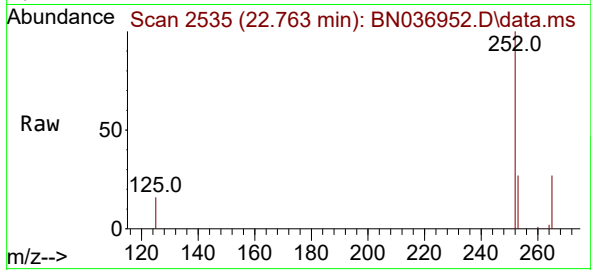
277 24.3 20.0 30.0



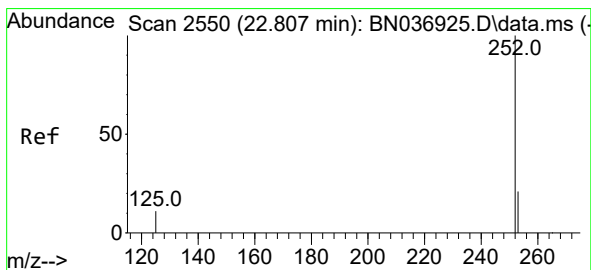
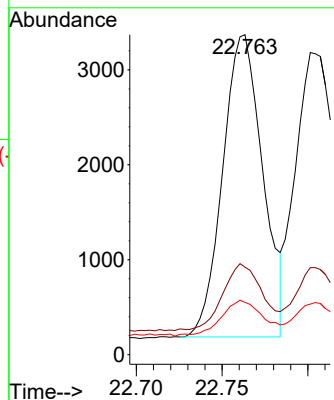


#37  
Benzo(b)fluoranthene  
Concen: 0.352 ng  
RT: 22.763 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

Instrument :  
BNA\_N  
ClientSampleId :  
PB167760BS

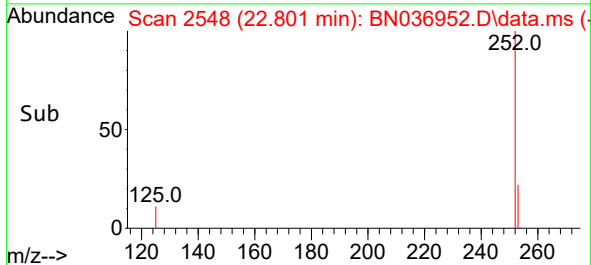
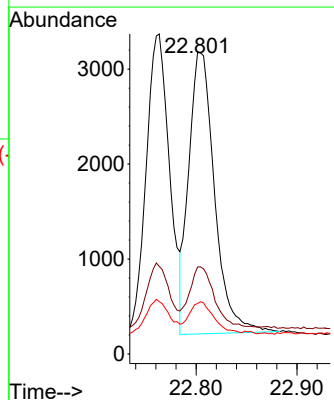
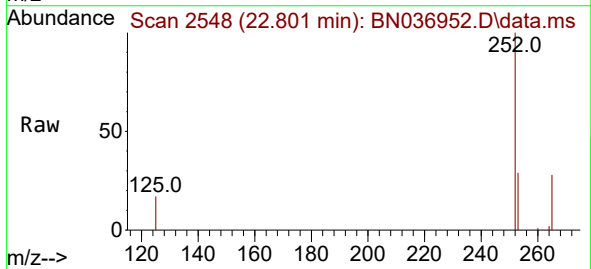


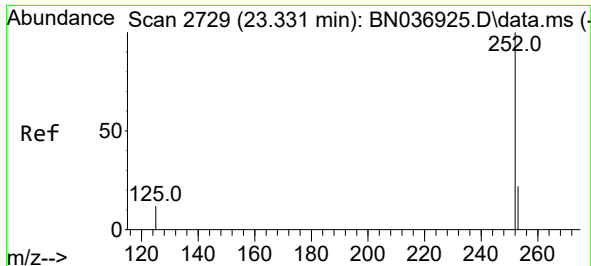
Tgt Ion:252 Resp: 5169  
Ion Ratio Lower Upper  
252 100  
253 27.4 22.1 33.1  
125 16.4 14.2 21.2



#38  
Benzo(k)fluoranthene  
Concen: 0.358 ng  
RT: 22.801 min Scan# 2548  
Delta R.T. -0.006 min  
Lab File: BN036952.D  
Acq: 30 Apr 2025 18:17

Tgt Ion:252 Resp: 5282  
Ion Ratio Lower Upper  
252 100  
253 28.8 22.8 34.2  
125 16.7 14.2 21.2





#39

Benzo(a)pyrene

Concen: 0.373 ng

RT: 23.328 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN036952.D

Acq: 30 Apr 2025 18:17

Instrument :

BNA\_N

ClientSampleId :

PB167760BS

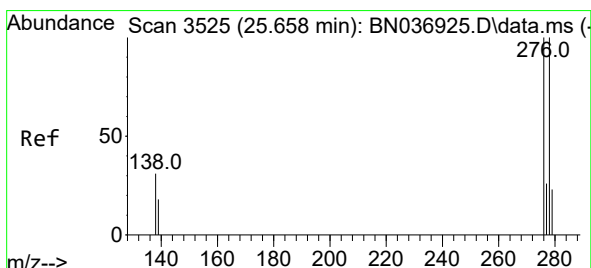
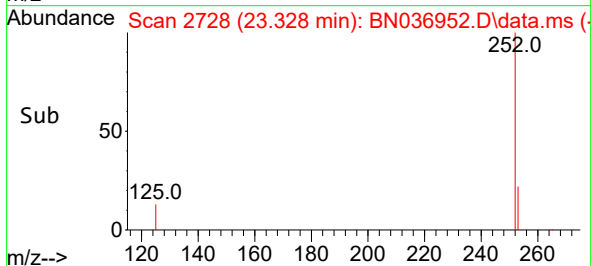
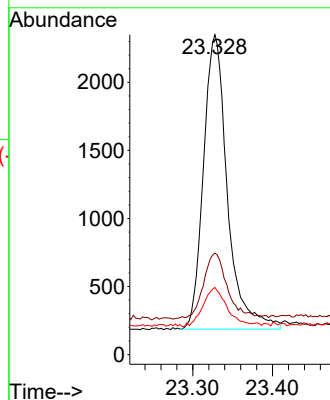
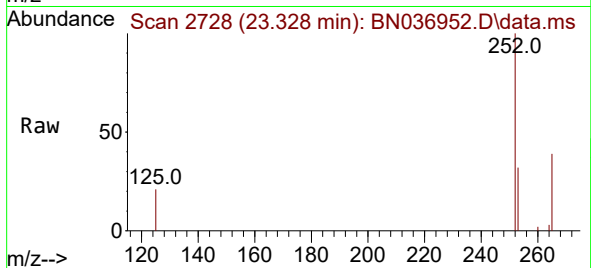
Tgt Ion:252 Resp: 4501

Ion Ratio Lower Upper

252 100

253 31.7 25.9 38.9

125 21.0 17.4 26.0



#40

Dibenzo(a,h)anthracene

Concen: 0.353 ng

RT: 25.652 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BN036952.D

Acq: 30 Apr 2025 18:17

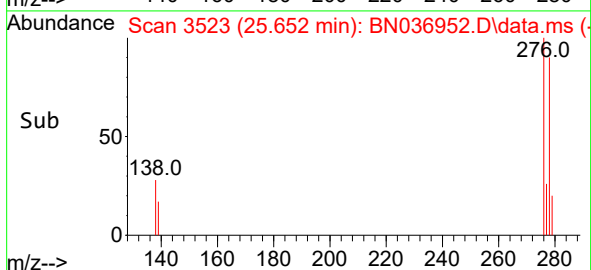
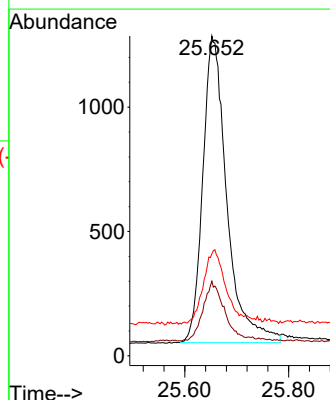
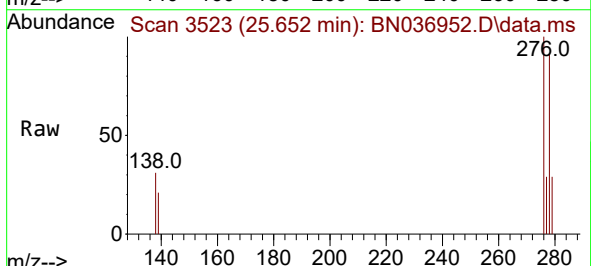
Tgt Ion:278 Resp: 3958

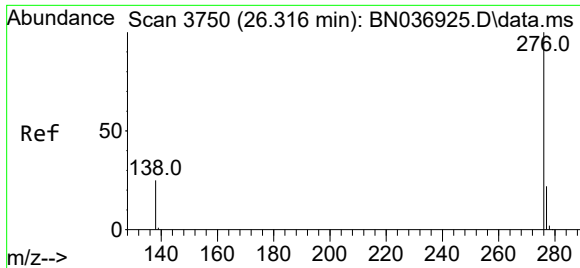
Ion Ratio Lower Upper

278 100

139 23.3 17.4 26.2

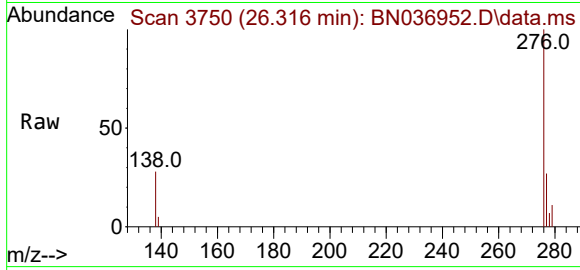
279 31.9 24.9 37.3





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.328 ng  
 RT: 26.316 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BN036952.D  
 Acq: 30 Apr 2025 18:17

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167760BS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 4079  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 27.5  | 20.2  | 30.2  |
| 138      | 28.0  | 21.9  | 32.9  |

