

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120723\  
 Data File : BN029110.D  
 Acq On : 08 Dec 2023 02:42  
 Operator : MA/JU  
 Sample : PB157241BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB157241BS

Quant Time: Dec 08 03:44:53 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 06 00:49:47 2023  
 Response via : Initial Calibration

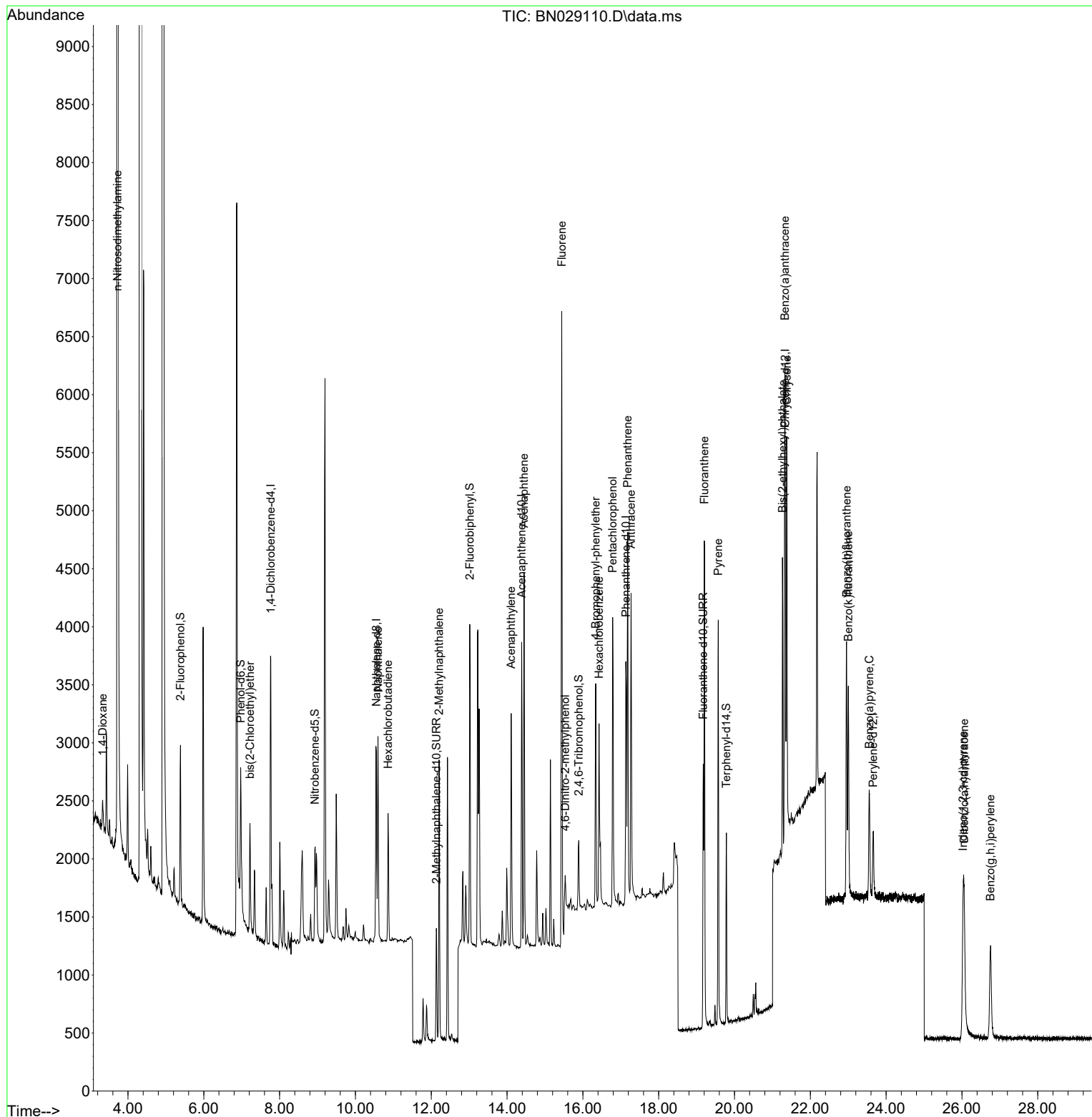
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.768  | 152  | 1259     | 0.400  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.552 | 136  | 2467     | 0.400  | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.386 | 164  | 1440     | 0.400  | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.134 | 188  | 3446     | 0.400  | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.338 | 240  | 1976     | 0.400  | ng    | # 0.00   |
| 35) Perylene-d12              | 23.658 | 264  | 790      | 0.400  | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) 2-Fluorophenol             | 5.384  | 112  | 1041     | 0.365  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.973  | 99   | 1162     | 0.341  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.929  | 82   | 806      | 0.271  | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.136 | 152  | 1353     | 0.261  | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.893 | 330  | 446      | 0.280  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.017 | 172  | 2429     | 0.326  | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.176 | 212  | 2871     | 0.265  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.785 | 244  | 1657     | 0.331  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.333  | 88   | 275      | 0.271  | ng    | # 68     |
| 3) n-Nitrosodimethylamine     | 3.723  | 42   | 14301    | 23.233 | ng    | # 1      |
| 6) bis(2-Chloroethyl)ether    | 7.219  | 93   | 836      | 0.347  | ng    | 94       |
| 9) Naphthalene                | 10.594 | 128  | 2189     | 0.284  | ng    | 97       |
| 10) Hexachlorobutadiene       | 10.861 | 225  | 856      | 0.252  | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.208 | 142  | 1605     | 0.257  | ng    | 98       |
| 16) Acenaphthylene            | 14.108 | 152  | 2151     | 0.271  | ng    | 97       |
| 17) Acenaphthene              | 14.450 | 154  | 1546     | 0.311  | ng    | 97       |
| 18) Fluorene                  | 15.444 | 166  | 2419     | 0.305  | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.533 | 198  | 354      | 0.340  | ng    | # 88     |
| 21) 4-Bromophenyl-phenylether | 16.340 | 248  | 887      | 0.285  | ng    | # 91     |
| 22) Hexachlorobenzene         | 16.427 | 284  | 1055     | 0.298  | ng    | 95       |
| 24) Pentachlorophenol         | 16.787 | 266  | 1318     | 0.679  | ng    | 98       |
| 25) Phenanthrene              | 17.184 | 178  | 3499     | 0.304  | ng    | 99       |
| 26) Anthracene                | 17.271 | 178  | 2935     | 0.264  | ng    | 98       |
| 28) Fluoranthene              | 19.209 | 202  | 4139     | 0.262  | ng    | # 99     |
| 30) Pyrene                    | 19.571 | 202  | 3411     | 0.278  | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.329 | 228  | 3134     | 0.313  | ng    | 98       |
| 33) Chrysene                  | 21.383 | 228  | 3130     | 0.317  | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.266 | 149  | 2412     | 0.390  | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.029 | 276  | 2393     | 0.594  | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.956 | 252  | 3053     | 0.720  | ng    | # 81     |
| 38) Benzo(k)fluoranthene      | 23.003 | 252  | 2486     | 0.625  | ng    | # 78     |
| 39) Benzo(a)pyrene            | 23.559 | 252  | 1546     | 0.440  | ng    | # 58     |
| 40) Dibenzo(a,h)anthracene    | 26.058 | 278  | 2196     | 0.707  | ng    | # 79     |
| 41) Benzo(g,h,i)perylene      | 26.754 | 276  | 1952     | 0.574  | ng    | # 83     |
| -----                         |        |      |          |        |       |          |

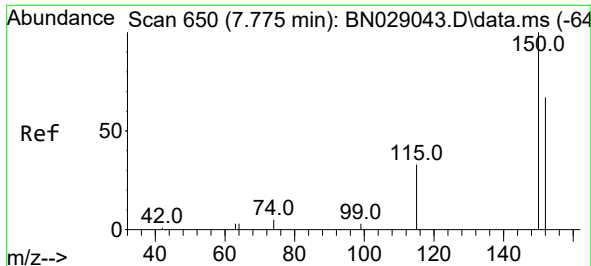
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120723\  
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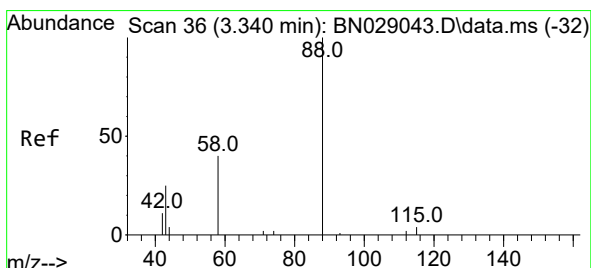
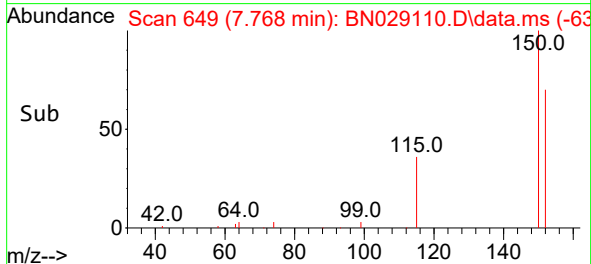
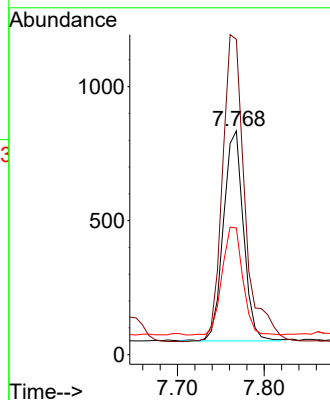
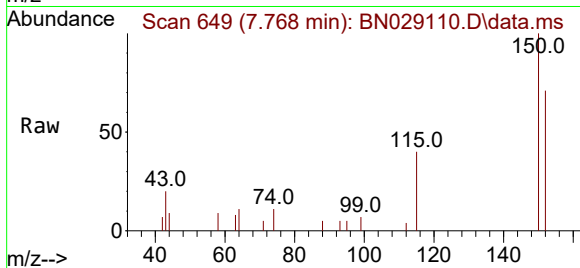




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.768 min Scan# 64  
 Delta R.T. -0.007 min  
 Lab File: BN029110.D  
 Acq: 08 Dec 2023 02:42

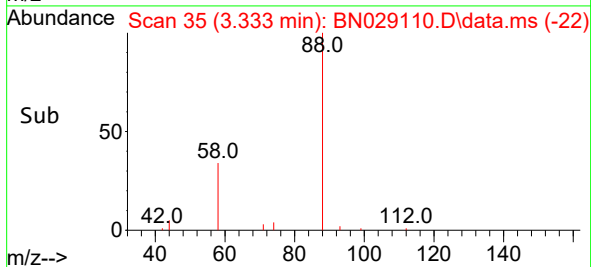
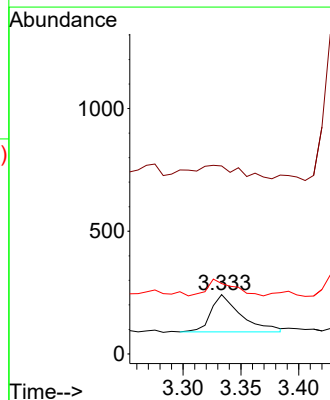
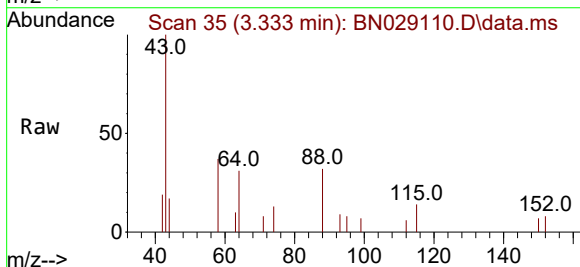
Instrument :  
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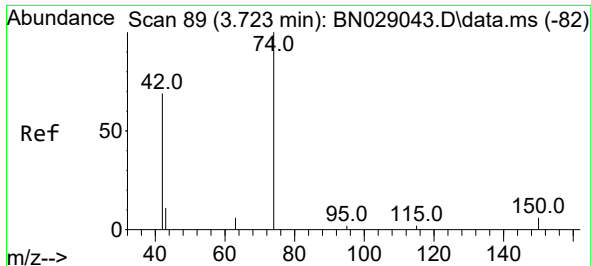
Tgt Ion:152 Resp: 1259  
 Ion Ratio Lower Upper  
 152 100  
 150 141.0 116.2 174.4  
 115 56.6 45.1 67.7



#2  
 1,4-Dioxane  
 Concen: 0.271 ng  
 RT: 3.333 min Scan# 35  
 Delta R.T. -0.007 min  
 Lab File: BN029110.D  
 Acq: 08 Dec 2023 02:42

Tgt Ion: 88 Resp: 275  
 Ion Ratio Lower Upper  
 88 100  
 43 58.2 15.6 23.4#  
 58 37.1 33.2 49.8

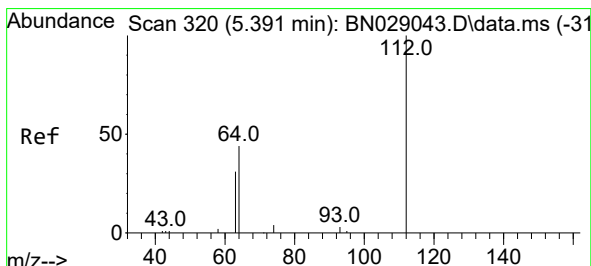
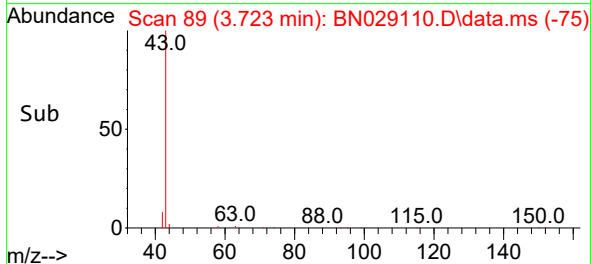
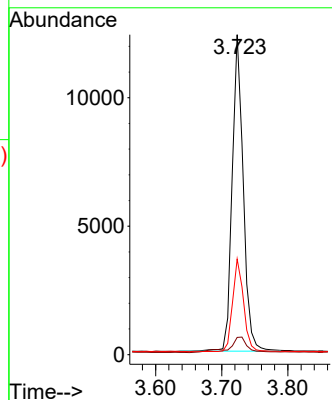
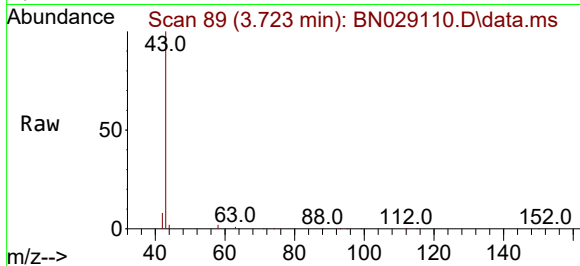




#3  
 n-Nitrosodimethylamine  
 Concen: 23.233 ng  
 RT: 3.723 min Scan# 89  
 Delta R.T. 0.000 min  
 Lab File: BN029110.D  
 Acq: 08 Dec 2023 02:42

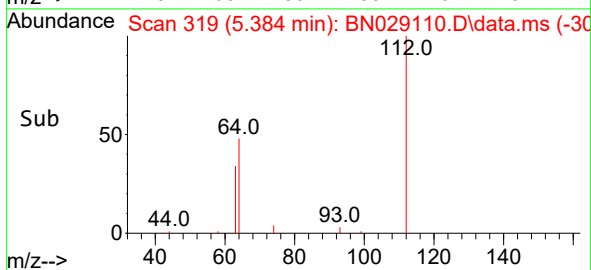
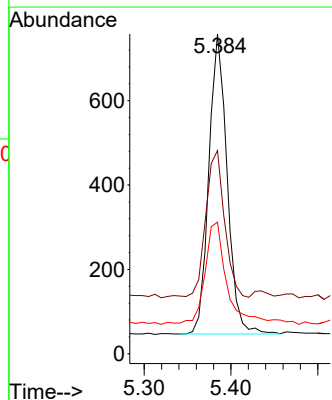
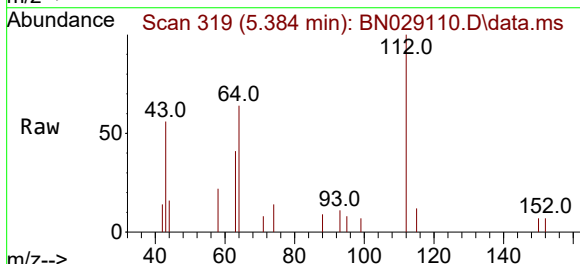
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB157241BS

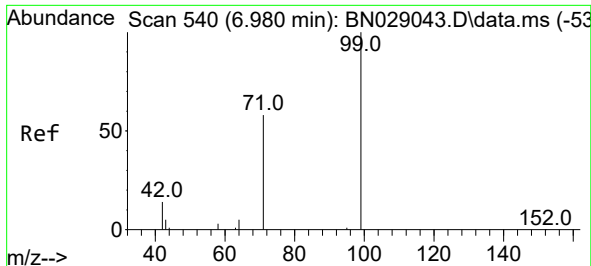
Tgt Ion: 42 Resp: 14301  
 Ion Ratio Lower Upper  
 42 100  
 74 8.0 106.3 159.5#  
 44 28.8 0.0 0.0#



#4  
 2-Fluorophenol  
 Concen: 0.365 ng  
 RT: 5.384 min Scan# 319  
 Delta R.T. -0.007 min  
 Lab File: BN029110.D  
 Acq: 08 Dec 2023 02:42

Tgt Ion: 112 Resp: 1041  
 Ion Ratio Lower Upper  
 112 100  
 64 50.3 37.0 55.6  
 63 41.7 29.0 43.6

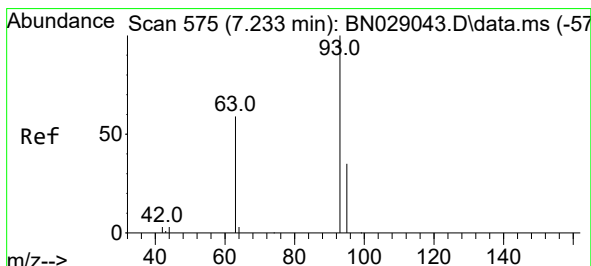
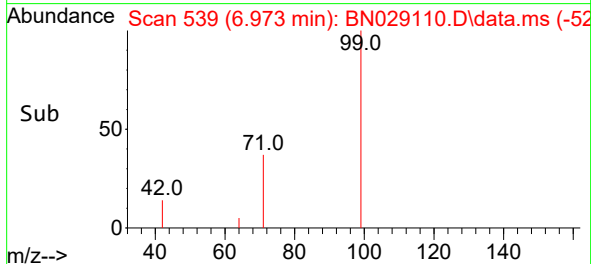
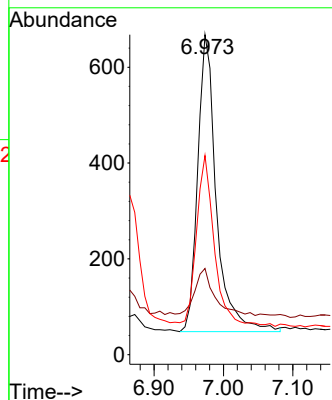
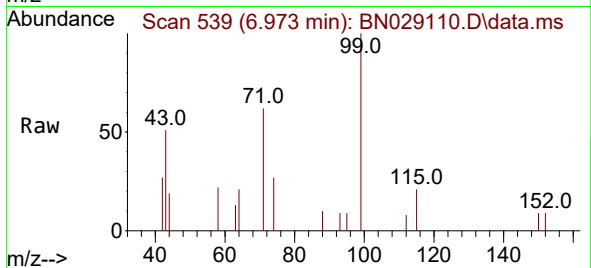




#5  
Phenol-d6  
Concen: 0.341 ng  
RT: 6.973 min Scan# 511  
Delta R.T. -0.007 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

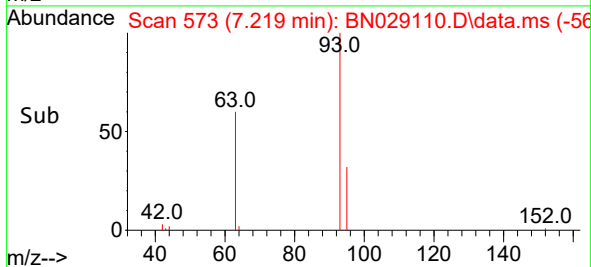
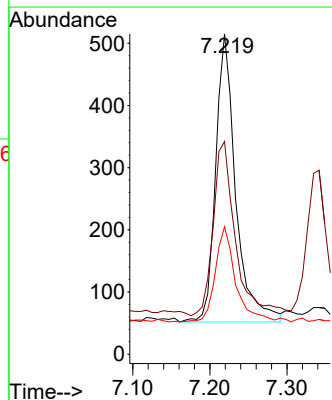
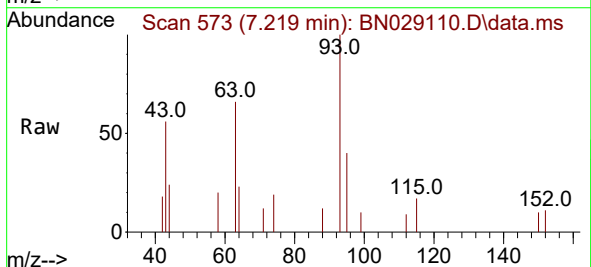
Instrument :  
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ClientSampleId :  
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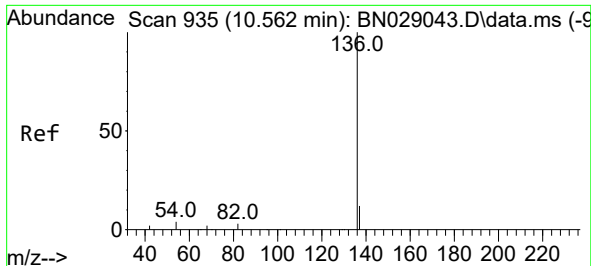
Tgt Ion: 99 Resp: 1162  
Ion Ratio Lower Upper  
99 100  
42 20.2 13.4 20.2#  
71 55.4 47.8 71.6



#6  
bis(2-Chloroethyl)ether  
Concen: 0.347 ng  
RT: 7.219 min Scan# 573  
Delta R.T. -0.014 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

Tgt Ion: 93 Resp: 836  
Ion Ratio Lower Upper  
93 100  
63 67.3 48.4 72.6  
95 33.9 28.1 42.1

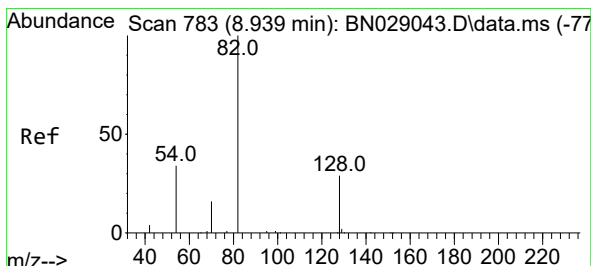
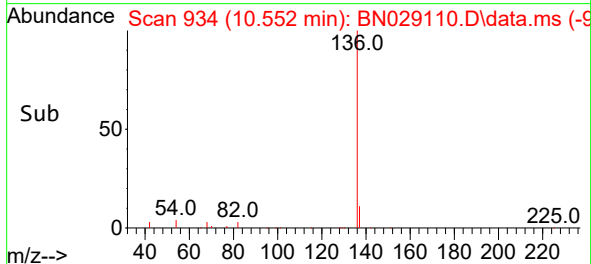
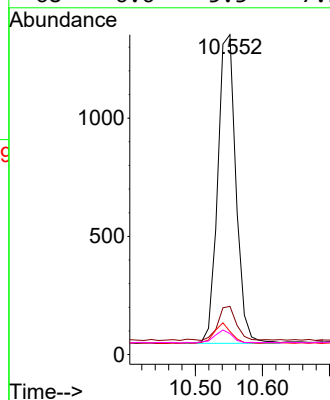
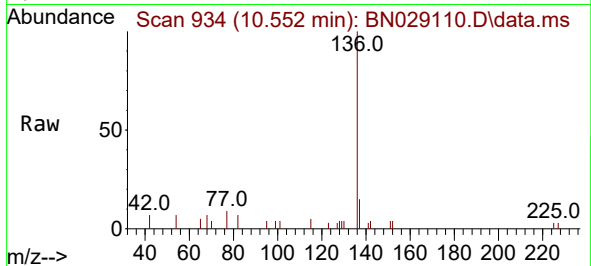




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.552 min Scan# 91  
Delta R.T. -0.010 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

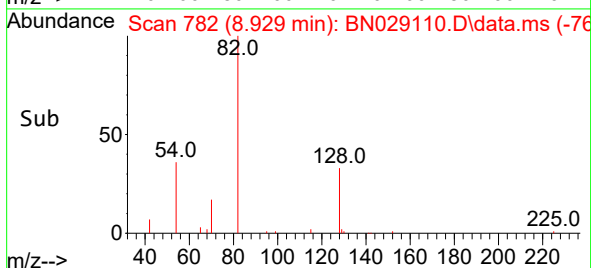
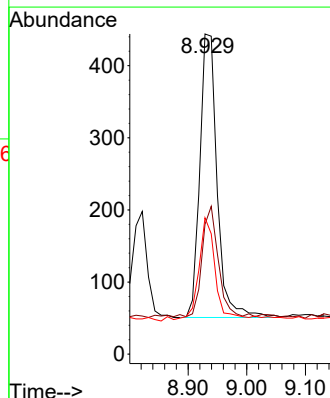
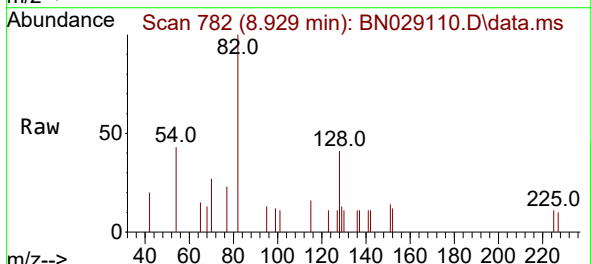
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PB157241BS

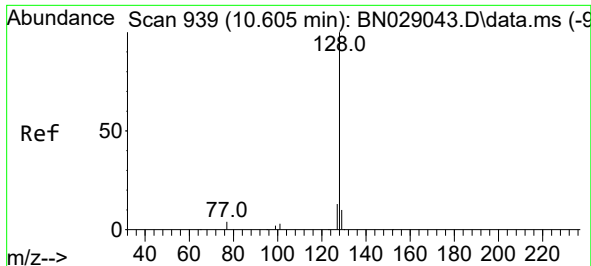
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2467  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 15.1  | 11.9  | 17.9  |
| 54       | 7.2   | 6.4   | 9.6   |
| 68       | 6.6   | 5.3   | 7.9   |



#8  
Nitrobenzene-d5  
Concen: 0.271 ng  
RT: 8.929 min Scan# 782  
Delta R.T. -0.011 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 806   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 40.5  | 28.2  | 42.4  |
| 54       | 42.6  | 32.1  | 48.1  |

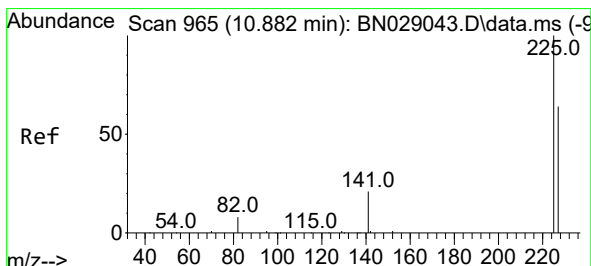
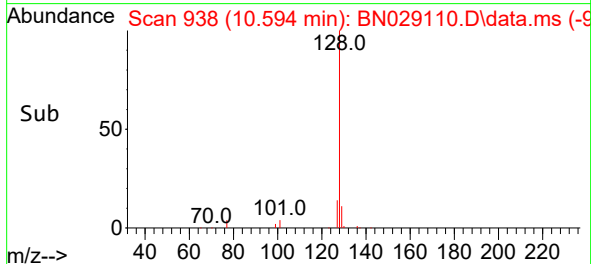
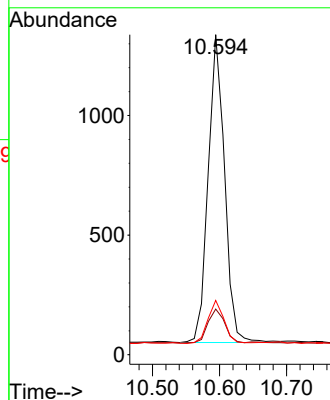
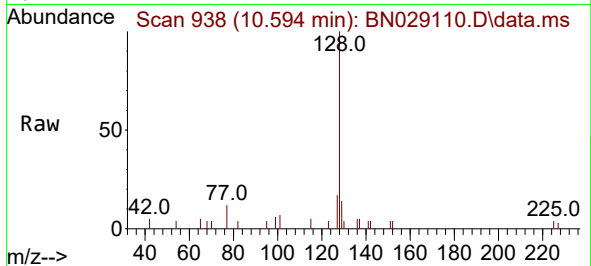




#9  
Naphthalene  
Concen: 0.284 ng  
RT: 10.594 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

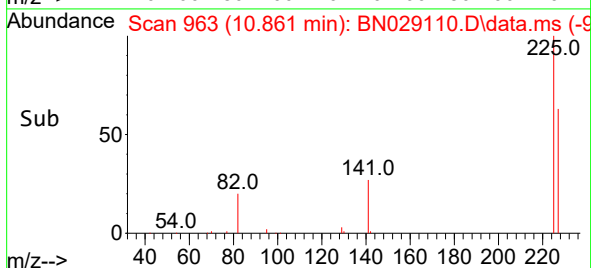
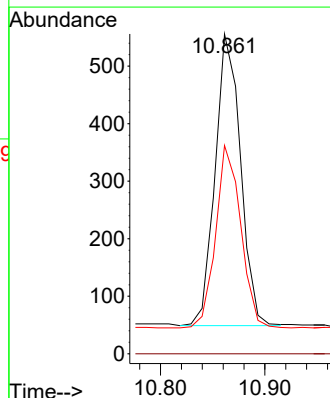
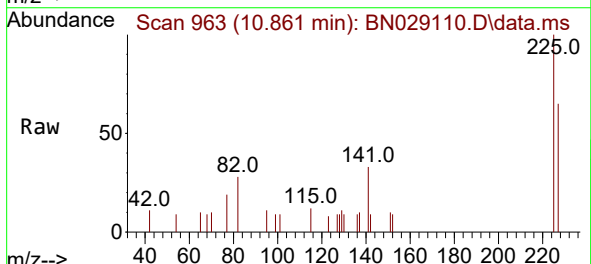
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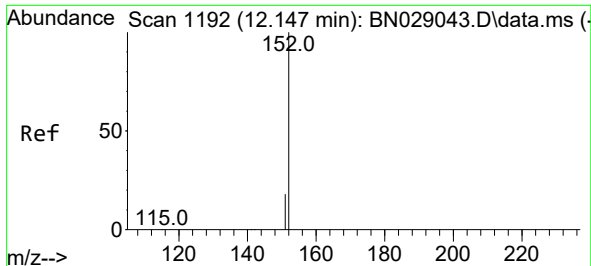
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Ion Ratio Lower Upper  
128 100  
129 14.3 10.5 15.7  
127 17.0 12.5 18.7



#10  
Hexachlorobutadiene  
Concen: 0.252 ng  
RT: 10.861 min Scan# 963  
Delta R.T. -0.021 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

Tgt Ion:225 Resp: 856  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 61.8 50.7 76.1

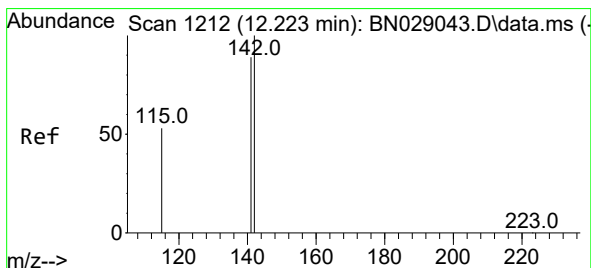
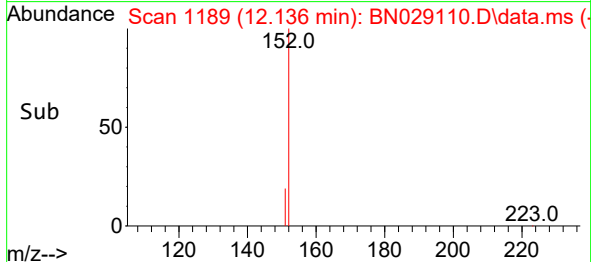
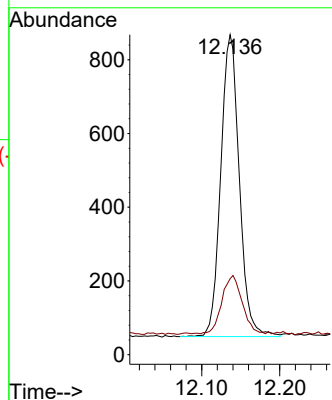
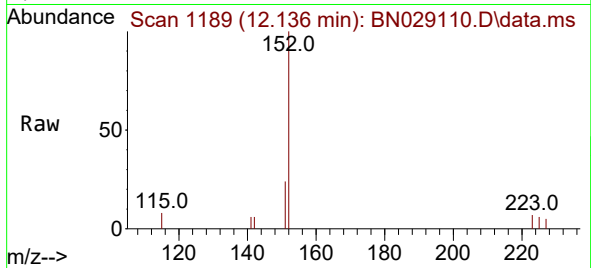




#11  
2-Methylnaphthalene-d10  
Concen: 0.261 ng  
RT: 12.136 min Scan# 1192  
Delta R.T. -0.011 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

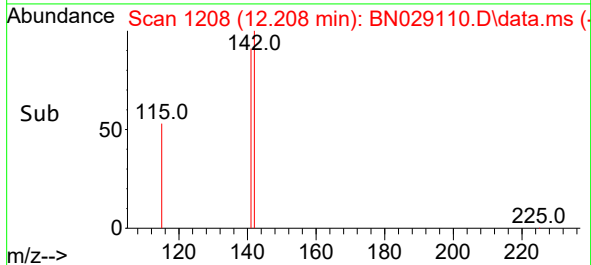
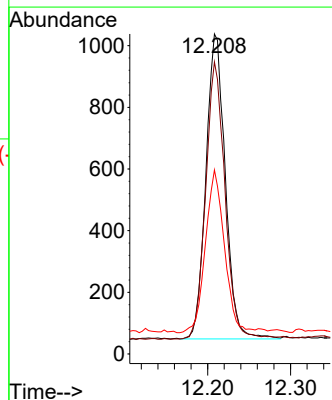
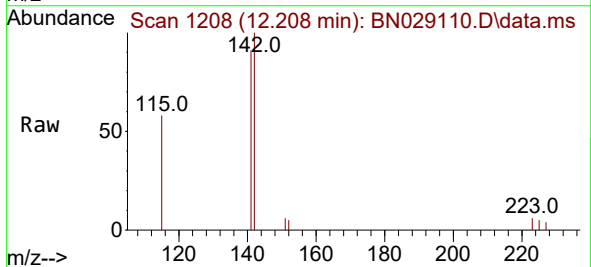
Instrument :  
BNA\_N  
ClientSampleId :  
PB157241BS

Tgt Ion:152 Resp: 1353  
Ion Ratio Lower Upper  
152 100  
151 21.1 17.4 26.0

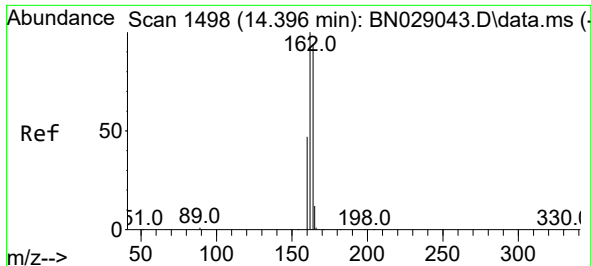


#12  
2-Methylnaphthalene  
Concen: 0.257 ng  
RT: 12.208 min Scan# 1208  
Delta R.T. -0.015 min  
Lab File: BN029110.D  
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Tgt Ion:142 Resp: 1605  
Ion Ratio Lower Upper  
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141 91.2 71.1 106.7  
115 57.5 44.6 66.8



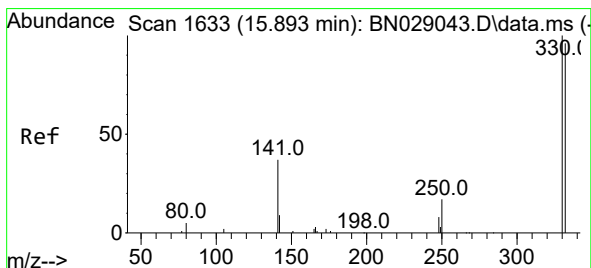
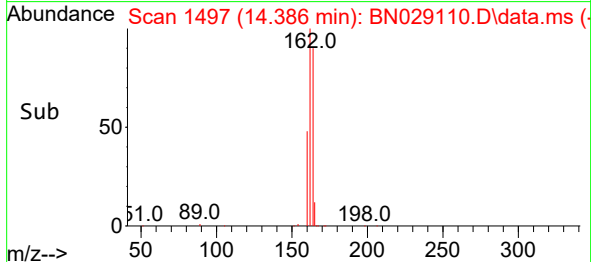
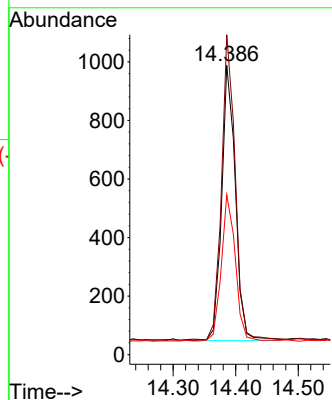
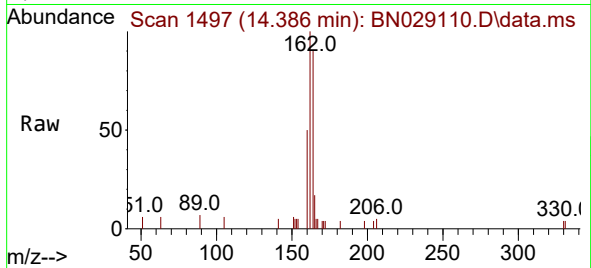




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.386 min Scan# 1498  
Delta R.T. -0.011 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

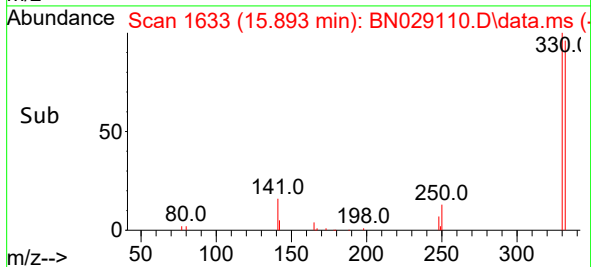
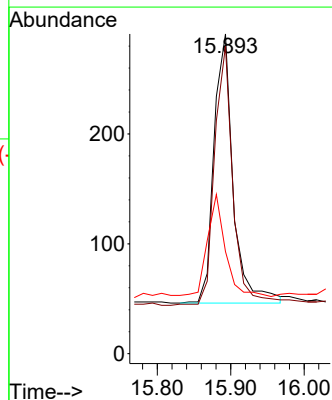
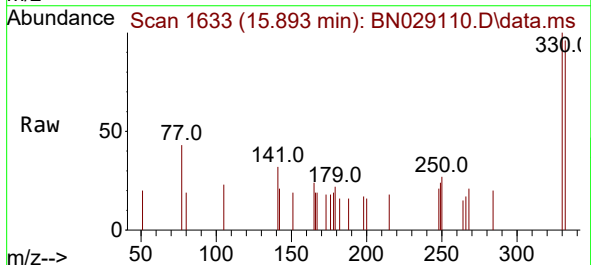
Instrument :  
BNA\_N  
ClientSampleId :  
PB157241BS

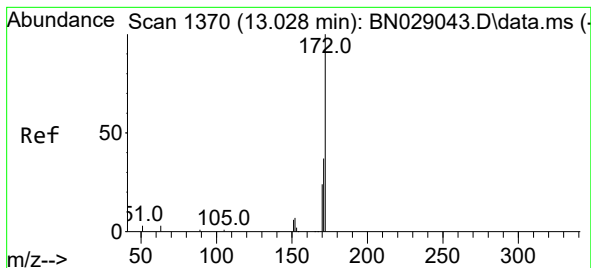
Tgt Ion:164 Resp: 1440  
Ion Ratio Lower Upper  
164 100  
162 110.6 85.0 127.6  
160 55.3 41.3 61.9



#14  
2,4,6-Tribromophenol  
Concen: 0.280 ng  
RT: 15.893 min Scan# 1633  
Delta R.T. 0.000 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

Tgt Ion:330 Resp: 446  
Ion Ratio Lower Upper  
330 100  
332 92.4 78.8 118.2  
141 35.4 28.7 43.1





#15

2-Fluorobiphenyl

Concen: 0.326 ng

RT: 13.017 min Scan# 1369

Delta R.T. -0.011 min

Lab File: BN029110.D

Acq: 08 Dec 2023 02:42

Instrument :

BNA\_N

ClientSampleId :

PB157241BS

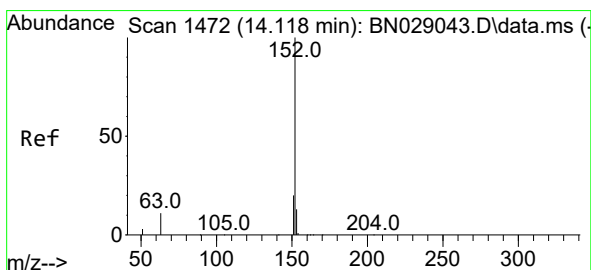
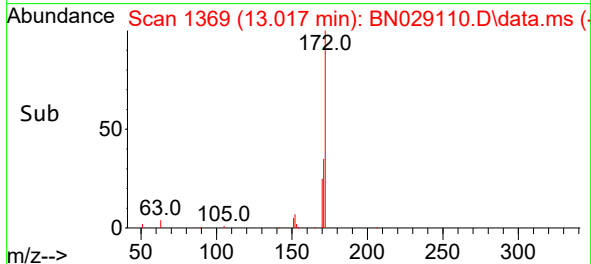
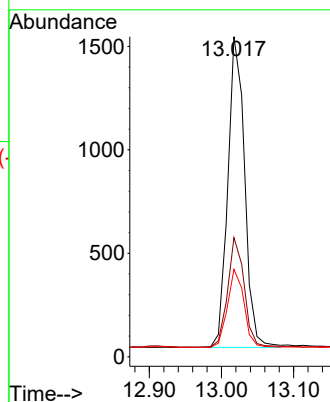
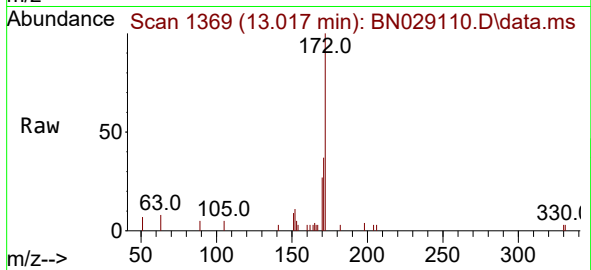
Tgt Ion:172 Resp: 2429

Ion Ratio Lower Upper

172 100

171 37.2 30.1 45.1

170 27.3 20.3 30.5



#16

Acenaphthylene

Concen: 0.271 ng

RT: 14.108 min Scan# 1471

Delta R.T. -0.011 min

Lab File: BN029110.D

Acq: 08 Dec 2023 02:42

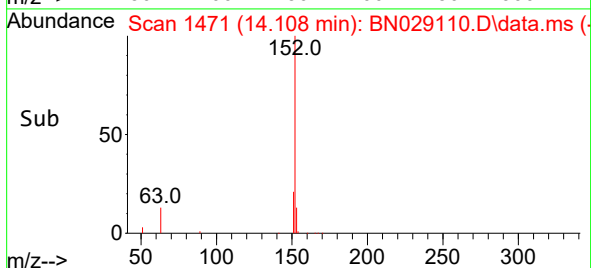
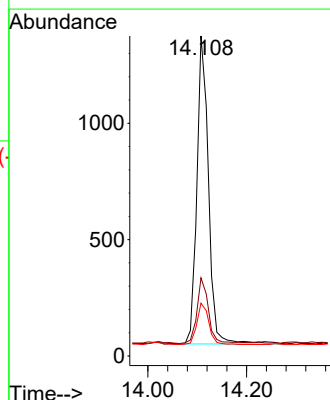
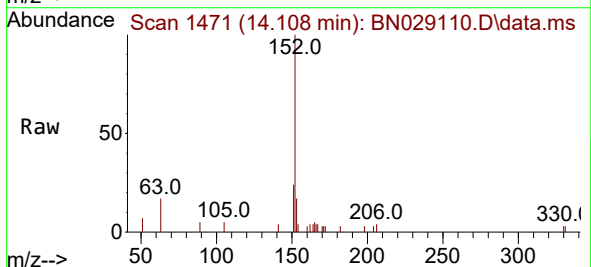
Tgt Ion:152 Resp: 2151

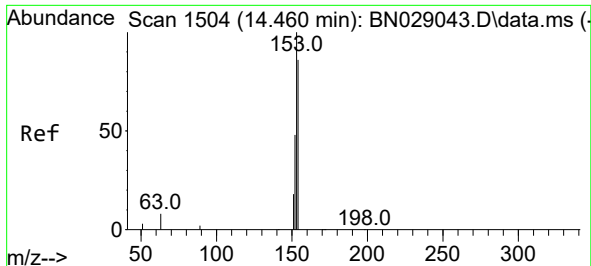
Ion Ratio Lower Upper

152 100

151 21.2 15.8 23.6

153 14.0 10.3 15.5

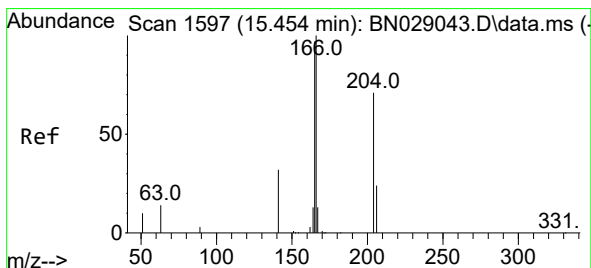
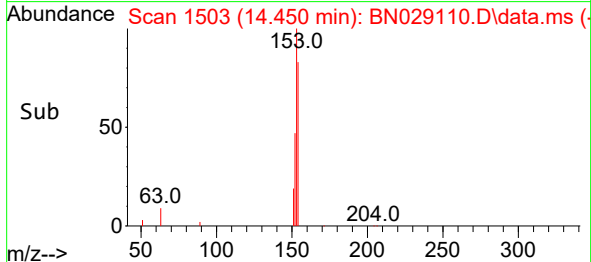
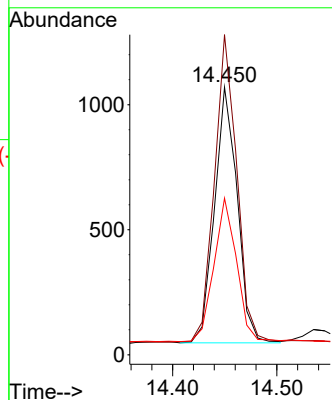
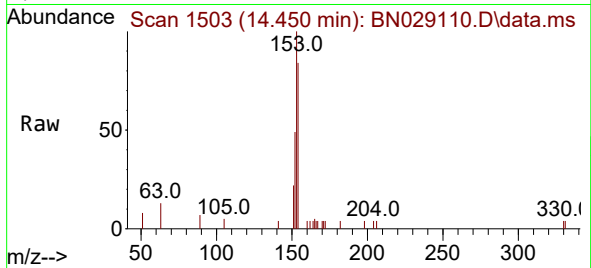




#17  
Acenaphthene  
Concen: 0.311 ng  
RT: 14.450 min Scan# 1504  
Delta R.T. -0.010 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

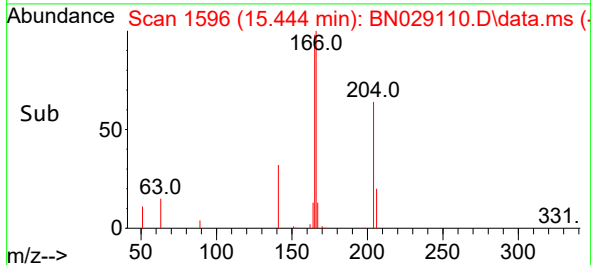
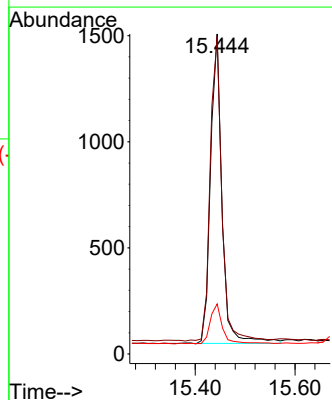
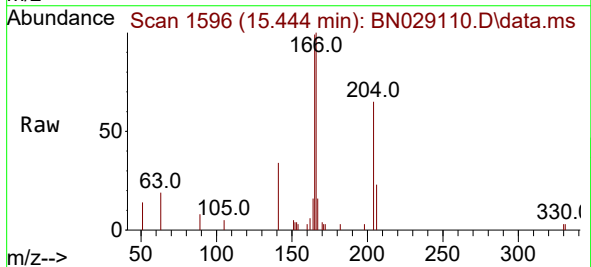
Instrument :  
BNA\_N  
ClientSampleId :  
PB157241BS

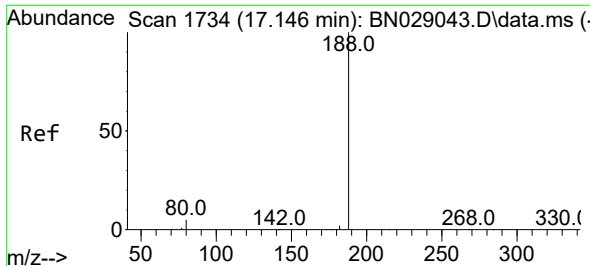
Tgt Ion:154 Resp: 1546  
Ion Ratio Lower Upper  
154 100  
153 120.2 93.0 139.6  
152 56.8 44.2 66.4



#18  
Fluorene  
Concen: 0.305 ng  
RT: 15.444 min Scan# 1596  
Delta R.T. -0.011 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

Tgt Ion:166 Resp: 2419  
Ion Ratio Lower Upper  
166 100  
165 98.3 80.2 120.4  
167 13.5 11.0 16.4

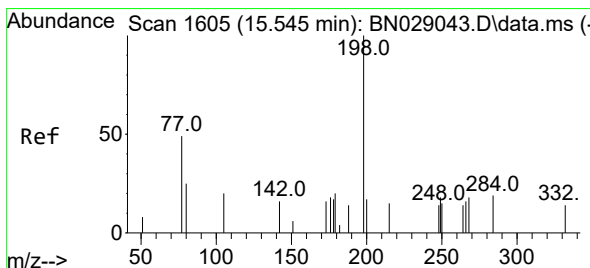
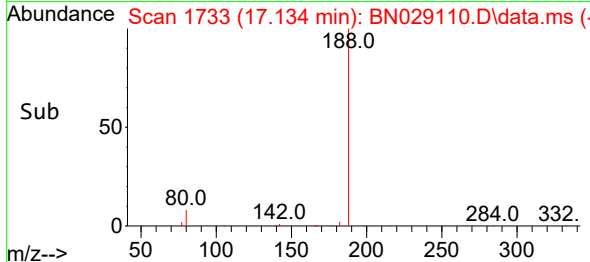
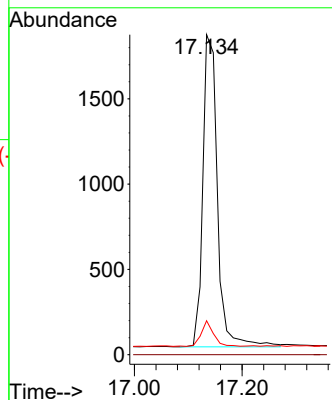
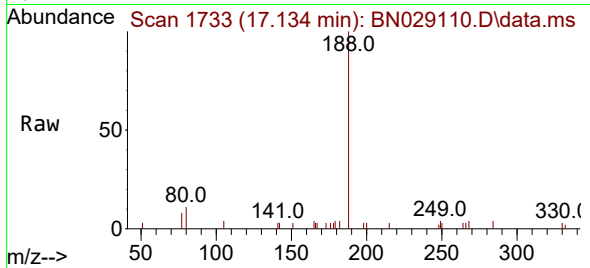




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.134 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

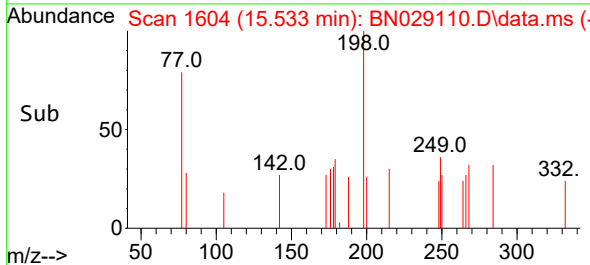
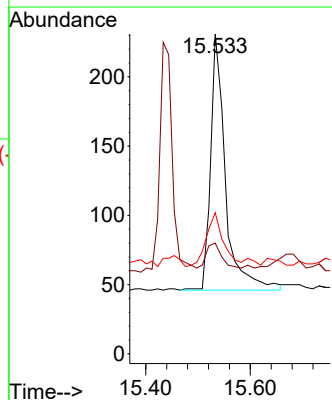
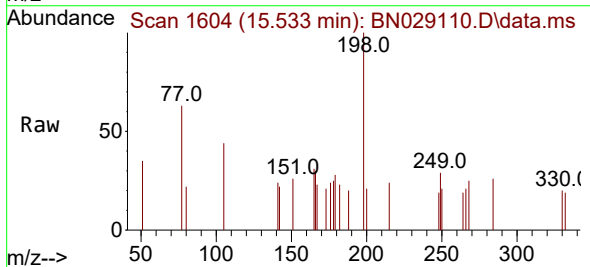
Instrument :  
BNA\_N  
ClientSampleId :  
PB157241BS

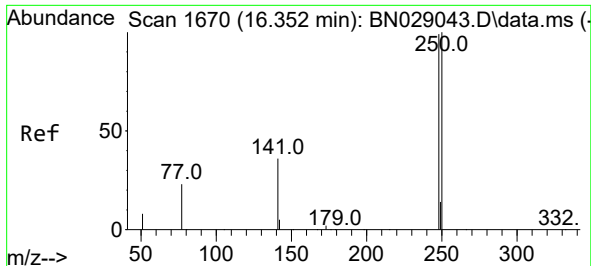
Tgt Ion:188 Resp: 3446  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.6 5.4 8.0#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.340 ng  
RT: 15.533 min Scan# 1604  
Delta R.T. -0.012 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

Tgt Ion:198 Resp: 354  
Ion Ratio Lower Upper  
198 100  
51 34.6 23.4 35.2  
105 44.2 29.0 43.4#

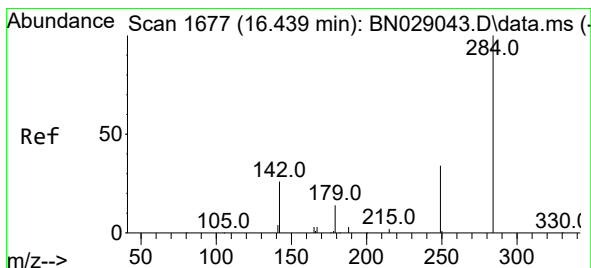
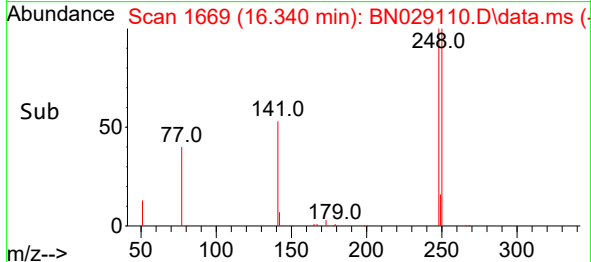
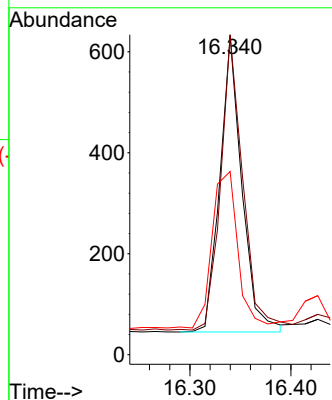
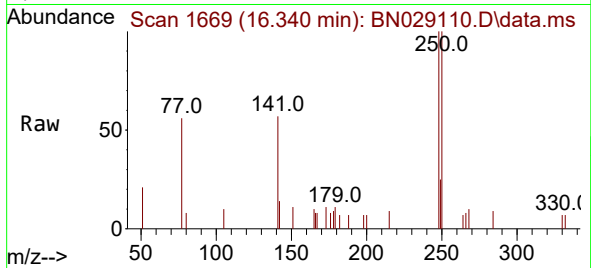




#21  
4-Bromophenyl-phenylether  
Concen: 0.285 ng  
RT: 16.340 min Scan# 1669  
Delta R.T. -0.012 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

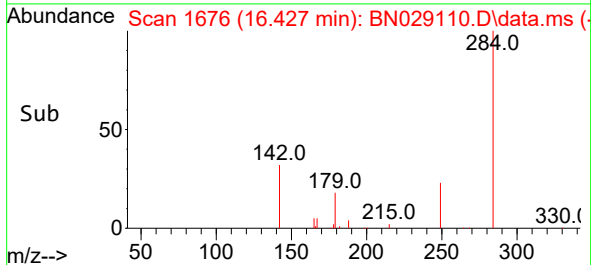
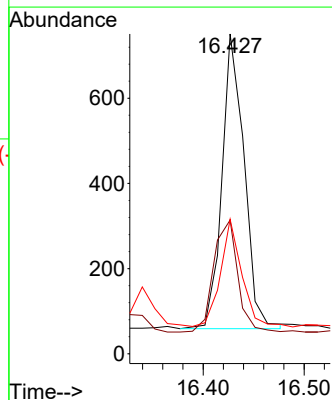
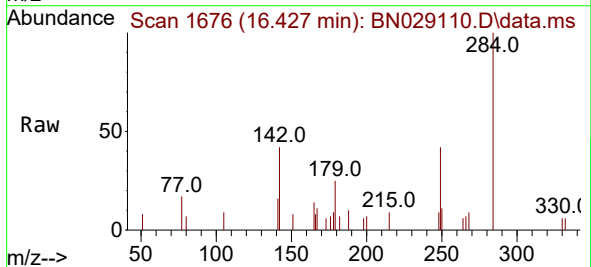
Instrument :  
BNA\_N  
ClientSampleId :  
PB157241BS

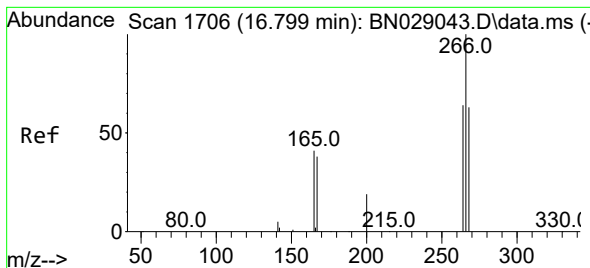
Tgt Ion:248 Resp: 887  
Ion Ratio Lower Upper  
248 100  
250 100.3 81.3 121.9  
141 57.4 31.2 46.8#



#22  
Hexachlorobenzene  
Concen: 0.298 ng  
RT: 16.427 min Scan# 1676  
Delta R.T. -0.012 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

Tgt Ion:284 Resp: 1055  
Ion Ratio Lower Upper  
284 100  
142 41.2 28.0 42.0  
249 34.7 27.8 41.8





#24

Pentachlorophenol

Concen: 0.679 ng

RT: 16.787 min Scan# 1705

Delta R.T. -0.012 min

Lab File: BN029110.D

Acq: 08 Dec 2023 02:42

Instrument :

BNA\_N

ClientSampleId :

PB157241BS

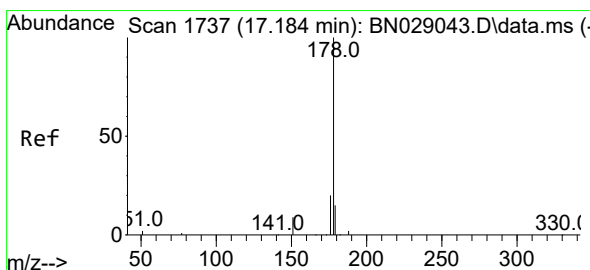
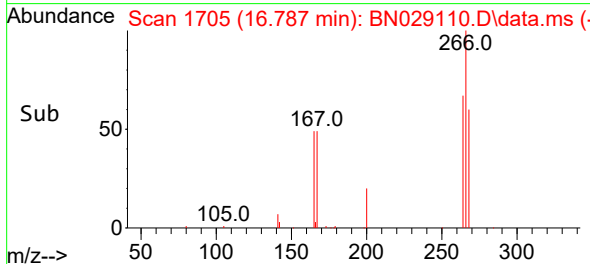
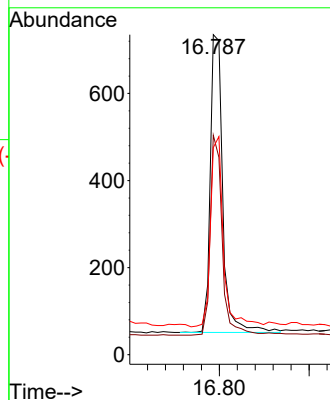
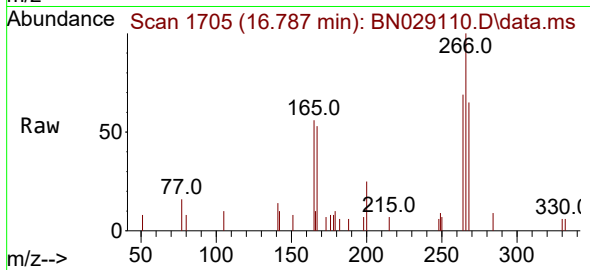
Tgt Ion:266 Resp: 1318

Ion Ratio Lower Upper

266 100

264 63.7 50.7 76.1

268 65.2 49.5 74.3



#25

Phenanthrene

Concen: 0.304 ng

RT: 17.184 min Scan# 1737

Delta R.T. 0.000 min

Lab File: BN029110.D

Acq: 08 Dec 2023 02:42

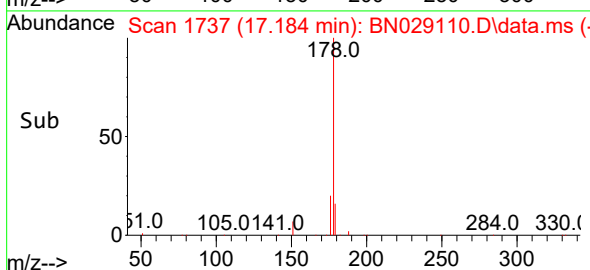
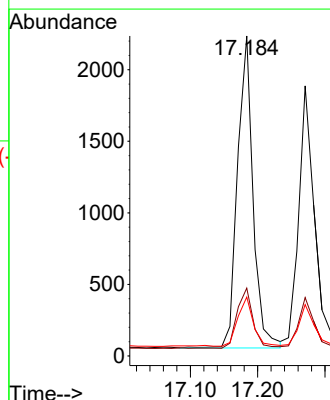
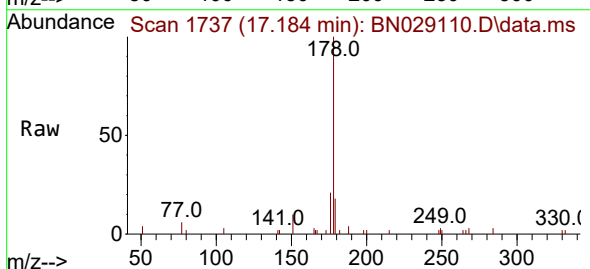
Tgt Ion:178 Resp: 3499

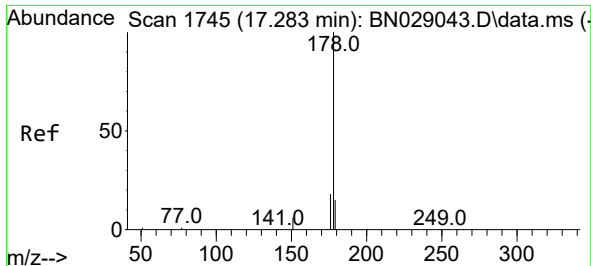
Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 16.3 12.6 18.8

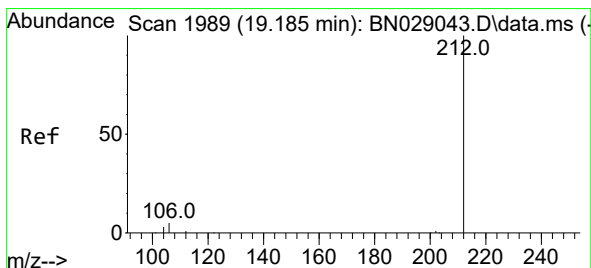
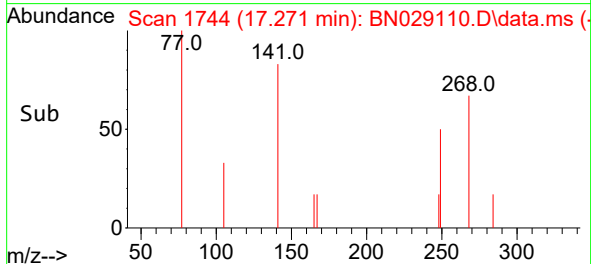
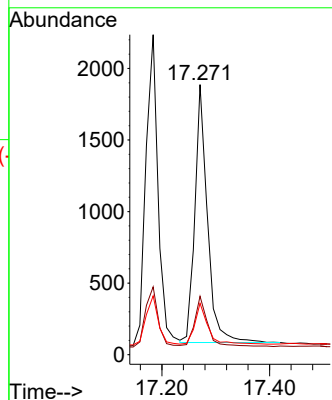
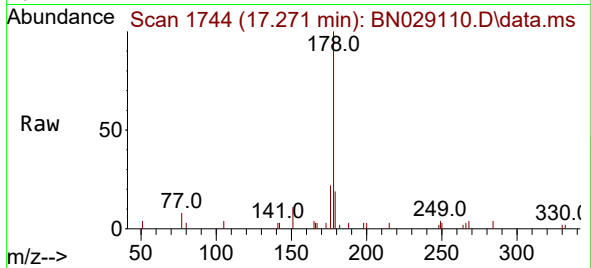




#26  
 Anthracene  
 Concen: 0.264 ng  
 RT: 17.271 min Scan# 1744  
 Delta R.T. -0.012 min  
 Lab File: BN029110.D  
 Acq: 08 Dec 2023 02:42

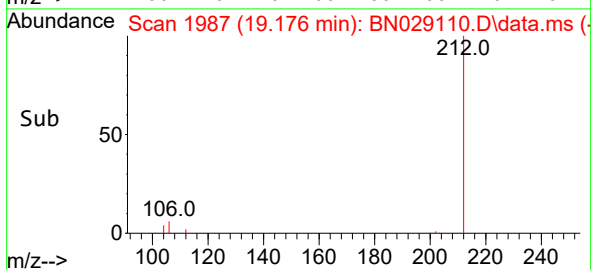
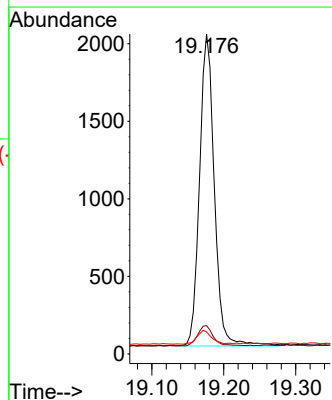
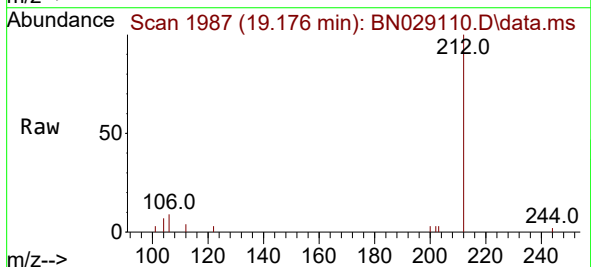
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB157241BS

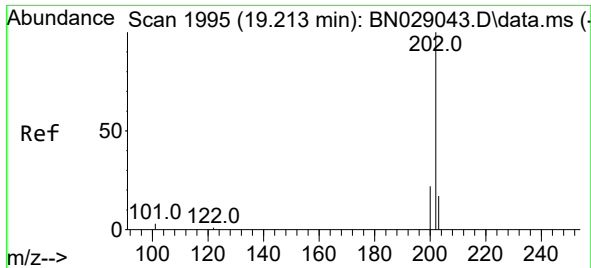
Tgt Ion:178 Resp: 2935  
 Ion Ratio Lower Upper  
 178 100  
 176 20.1 15.0 22.4  
 179 16.0 12.6 19.0



#27  
 Fluoranthene-d10  
 Concen: 0.265 ng  
 RT: 19.176 min Scan# 1987  
 Delta R.T. -0.009 min  
 Lab File: BN029110.D  
 Acq: 08 Dec 2023 02:42

Tgt Ion:212 Resp: 2871  
 Ion Ratio Lower Upper  
 212 100  
 106 6.7 3.9 5.9#  
 104 4.3 2.6 3.8#

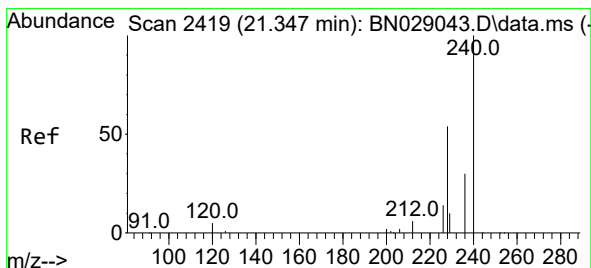
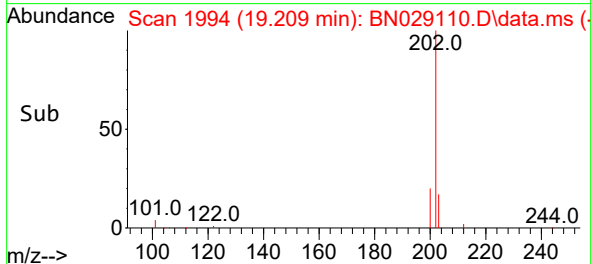
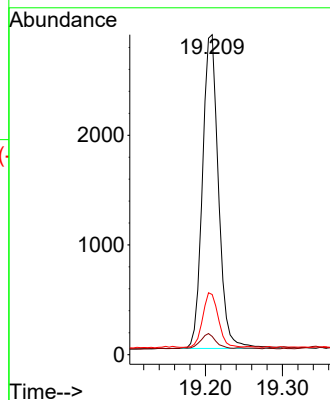
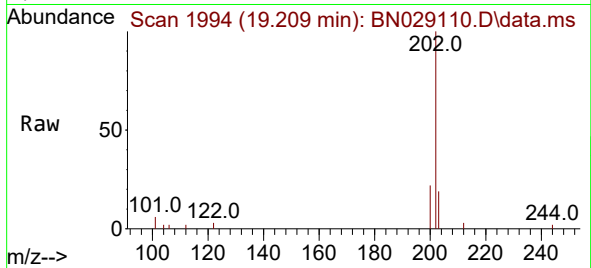




#28  
Fluoranthene  
Concen: 0.262 ng  
RT: 19.209 min Scan# 1994  
Delta R.T. -0.004 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

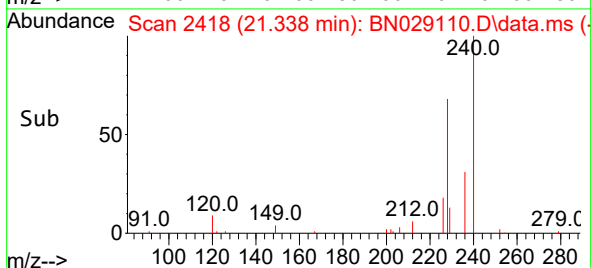
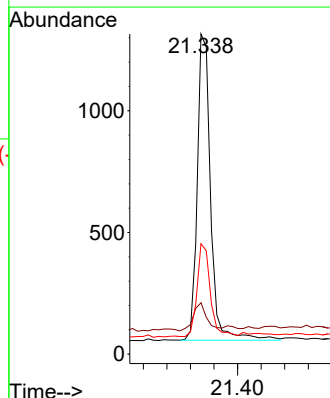
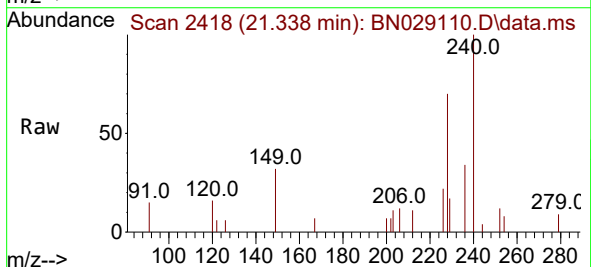
Instrument :  
BNA\_N  
ClientSampleId :  
PB157241BS

Tgt Ion:202 Resp: 4139  
Ion Ratio Lower Upper  
202 100  
101 5.0 3.0 4.6#  
203 16.8 13.8 20.6

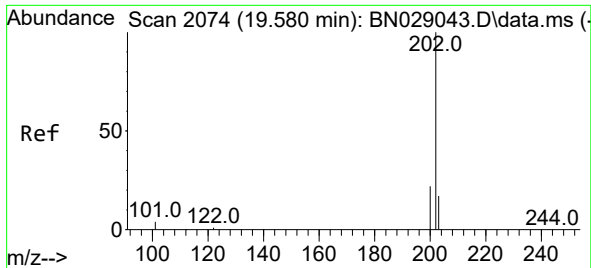


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.338 min Scan# 2418  
Delta R.T. -0.009 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

Tgt Ion:240 Resp: 1976  
Ion Ratio Lower Upper  
240 100  
120 16.0 6.7 10.1#  
236 34.5 25.7 38.5



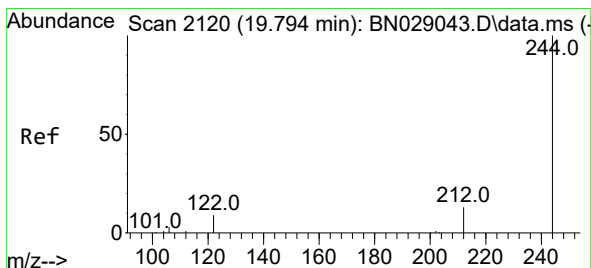
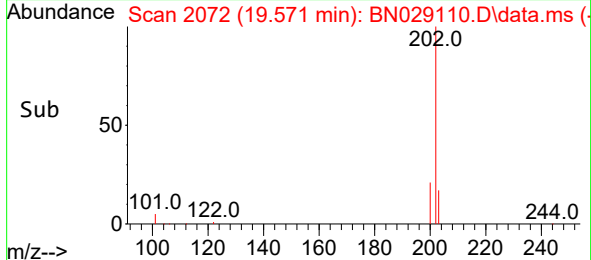
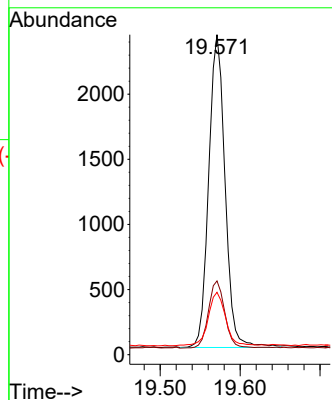
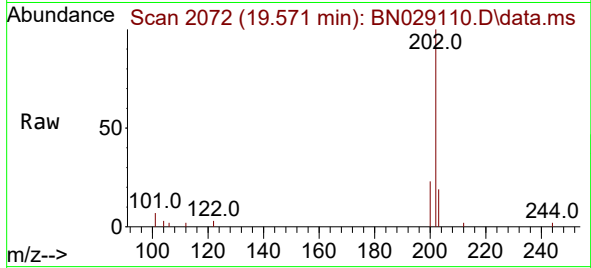




#30  
Pyrene  
Concen: 0.278 ng  
RT: 19.571 min Scan# 2074  
Delta R.T. -0.009 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

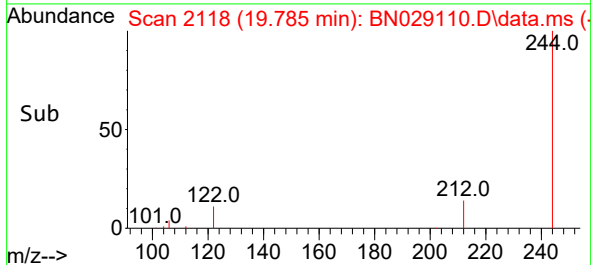
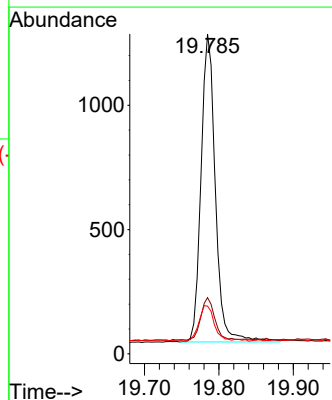
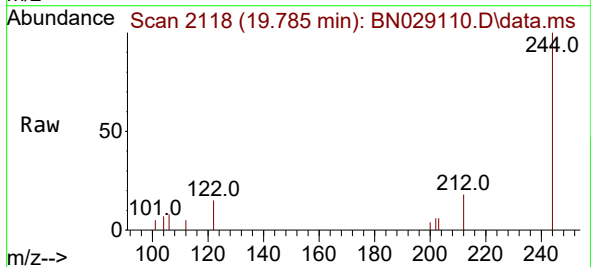
Instrument :  
BNA\_N  
ClientSampleId :  
PB157241BS

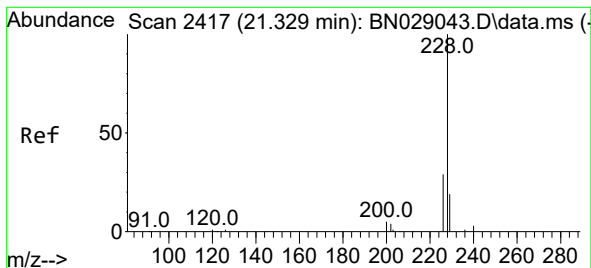
Tgt Ion:202 Resp: 3411  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.0 25.6  
203 18.1 14.2 21.4



#31  
Terphenyl-d14  
Concen: 0.331 ng  
RT: 19.785 min Scan# 2118  
Delta R.T. -0.009 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

Tgt Ion:244 Resp: 1657  
Ion Ratio Lower Upper  
244 100  
212 17.6 11.6 17.4#  
122 14.9 8.2 12.4#





#32

Benzo(a)anthracene

Concen: 0.313 ng

RT: 21.329 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BN029110.D

Acq: 08 Dec 2023 02:42

Instrument :

BNA\_N

ClientSampleId :

PB157241BS

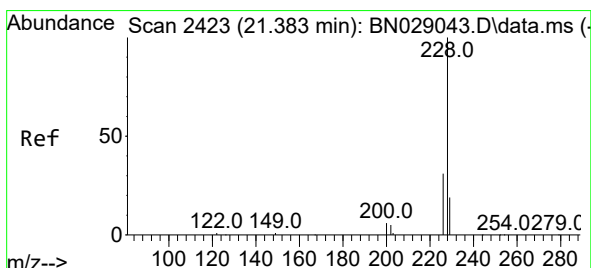
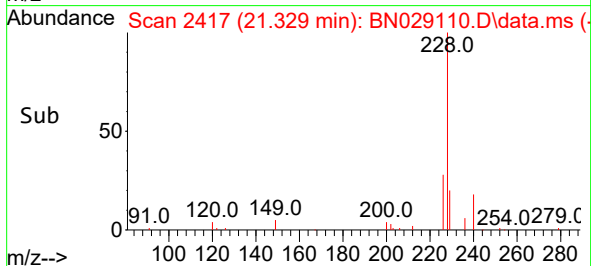
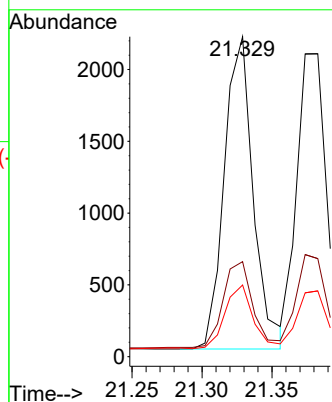
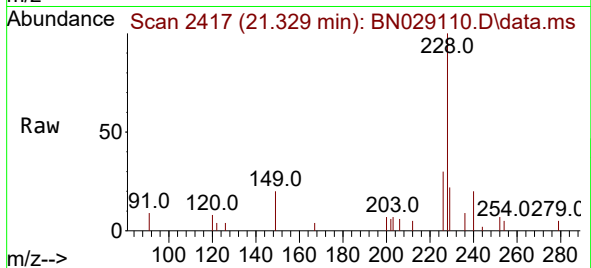
Tgt Ion:228 Resp: 3134

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 22.4 16.0 24.0



#33

Chrysene

Concen: 0.317 ng

RT: 21.383 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BN029110.D

Acq: 08 Dec 2023 02:42

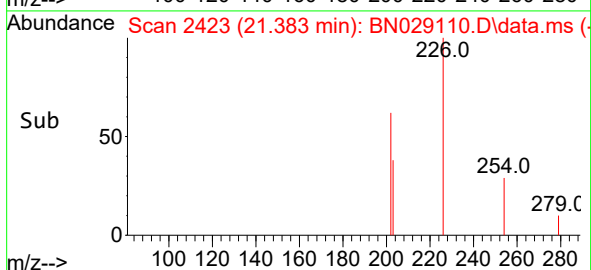
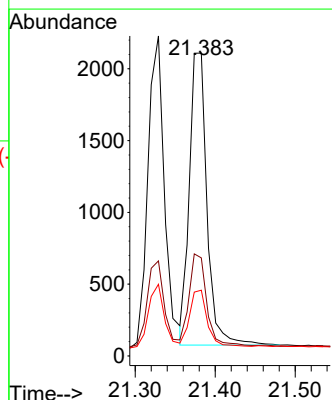
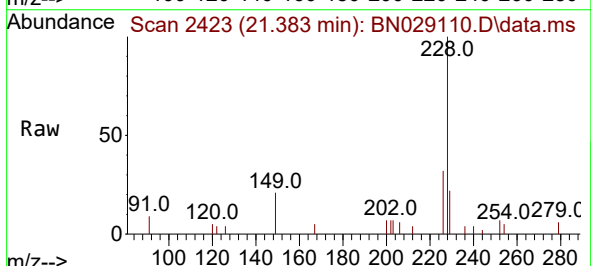
Tgt Ion:228 Resp: 3130

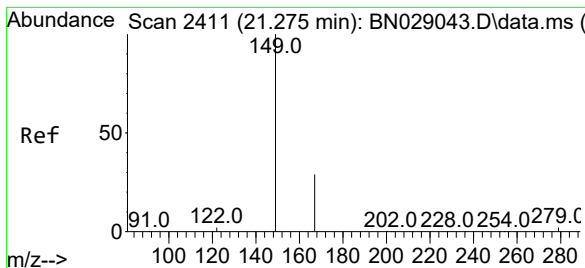
Ion Ratio Lower Upper

228 100

226 32.4 25.4 38.0

229 21.7 16.0 24.0

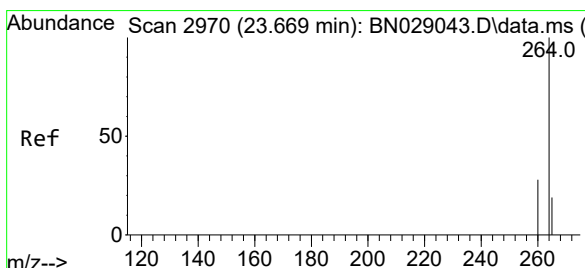
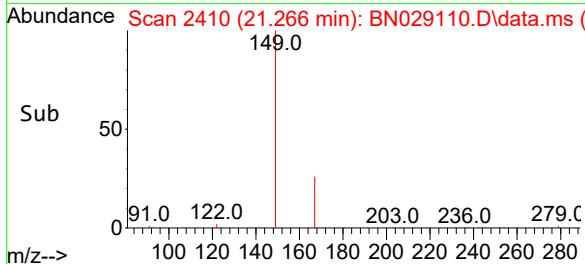
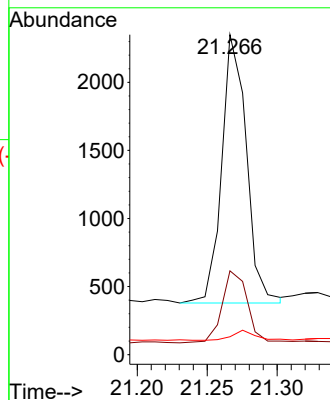
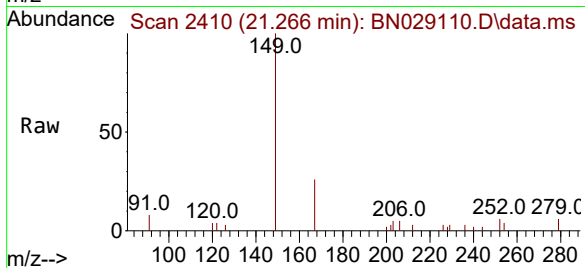




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.390 ng  
 RT: 21.266 min Scan# 2411  
 Delta R.T. -0.009 min  
 Lab File: BN029110.D  
 Acq: 08 Dec 2023 02:42

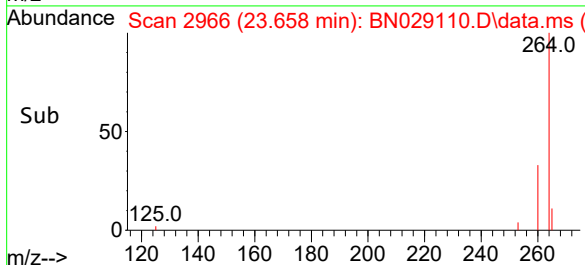
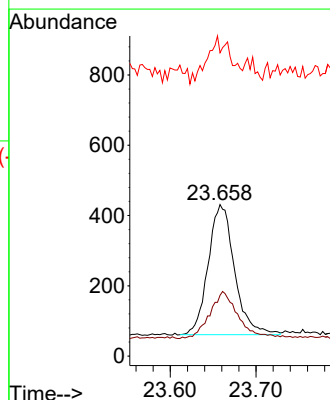
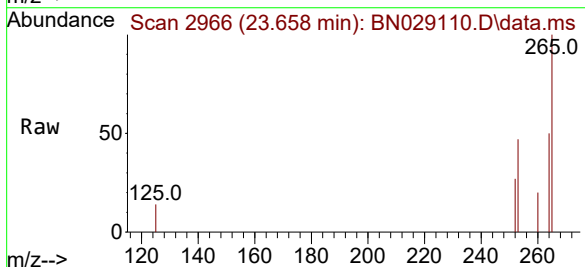
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB157241BS

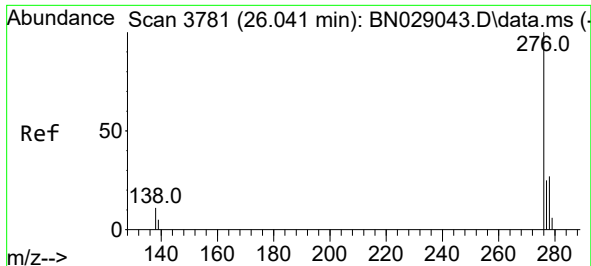
Tgt Ion:149 Resp: 2412  
 Ion Ratio Lower Upper  
 149 100  
 167 28.2 23.4 35.2  
 279 3.5 3.4 5.2



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.658 min Scan# 2966  
 Delta R.T. -0.012 min  
 Lab File: BN029110.D  
 Acq: 08 Dec 2023 02:42

Tgt Ion:264 Resp: 790  
 Ion Ratio Lower Upper  
 264 100  
 260 40.1 23.9 35.9#  
 265 200.2 52.7 79.1#

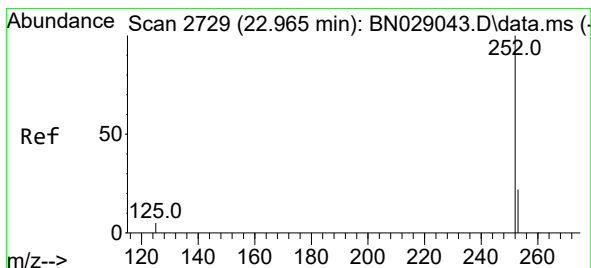
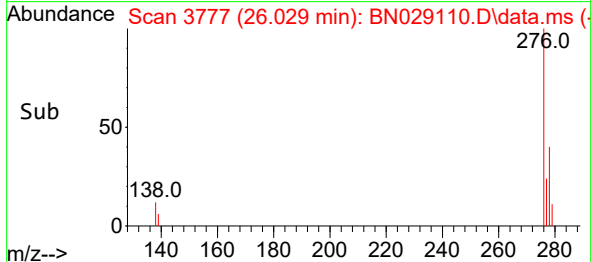
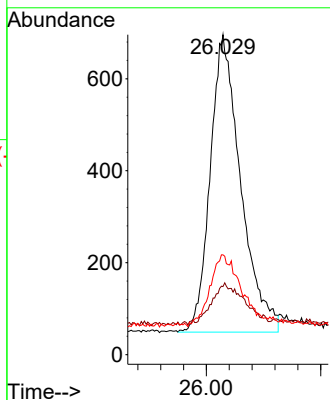
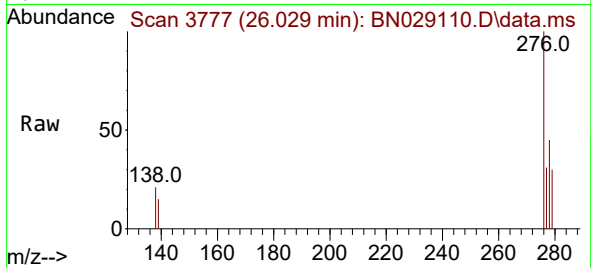




#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.594 ng  
RT: 26.029 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

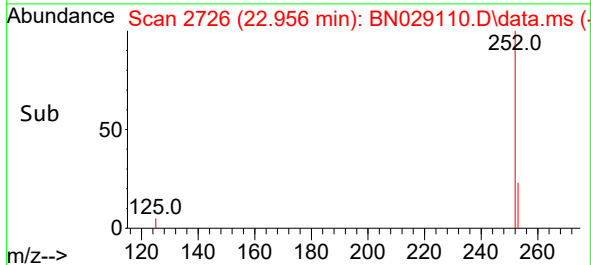
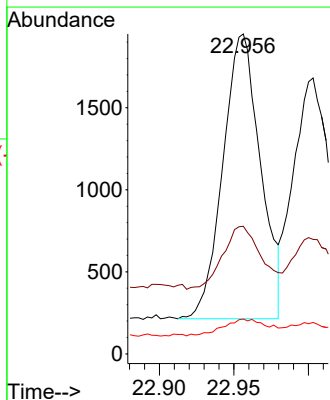
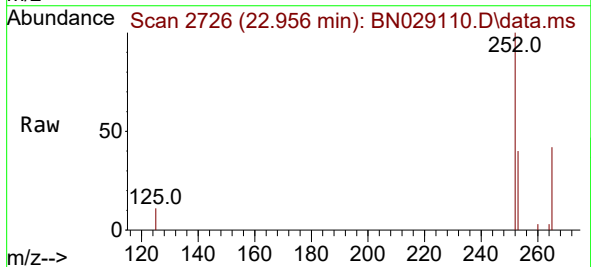
Instrument :  
BNA\_N  
ClientSampleId :  
PB157241BS

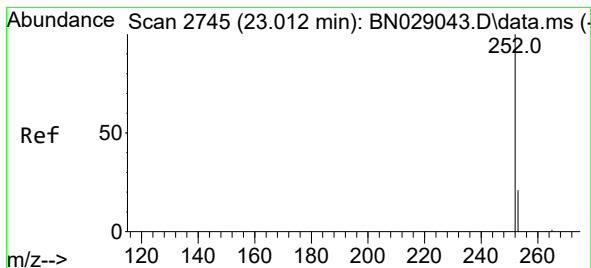
Tgt Ion:276 Resp: 2393  
Ion Ratio Lower Upper  
276 100  
138 13.3 9.6 14.4  
277 24.9 19.4 29.0



#37  
Benzo(b)fluoranthene  
Concen: 0.720 ng  
RT: 22.956 min Scan# 2726  
Delta R.T. -0.009 min  
Lab File: BN029110.D  
Acq: 08 Dec 2023 02:42

Tgt Ion:252 Resp: 3053  
Ion Ratio Lower Upper  
252 100  
253 39.9 23.0 34.6#  
125 10.9 5.4 8.0#





#38

Benzo(k)fluoranthene

Concen: 0.625 ng

RT: 23.003 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN029110.D

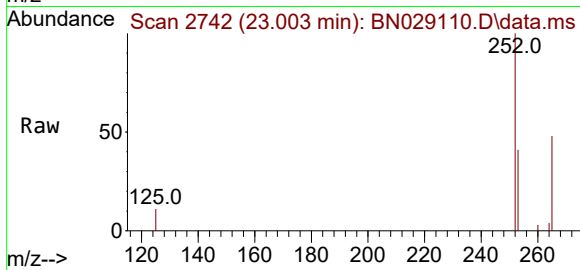
Acq: 08 Dec 2023 02:42

Instrument :

BNA\_N

ClientSampleId :

PB157241BS



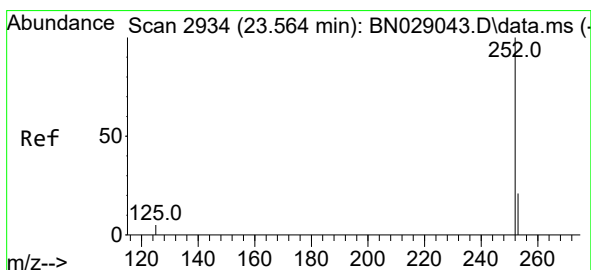
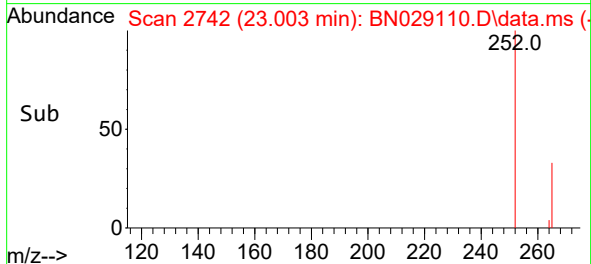
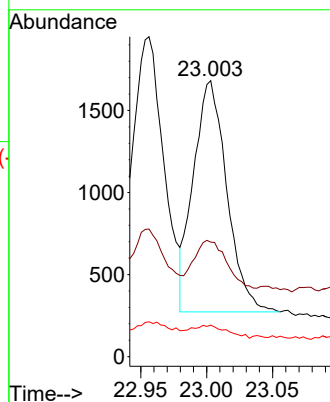
Tgt Ion:252 Resp: 2486

Ion Ratio Lower Upper

252 100

253 41.5 23.0 34.4#

125 11.4 5.0 7.6#



#39

Benzo(a)pyrene

Concen: 0.440 ng

RT: 23.559 min Scan# 2932

Delta R.T. -0.006 min

Lab File: BN029110.D

Acq: 08 Dec 2023 02:42

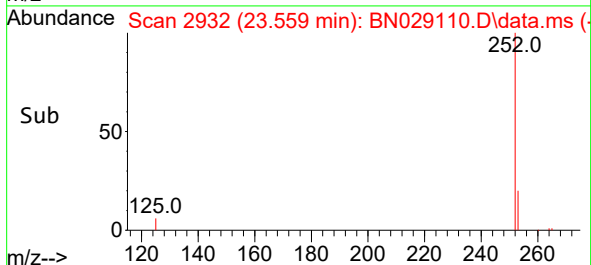
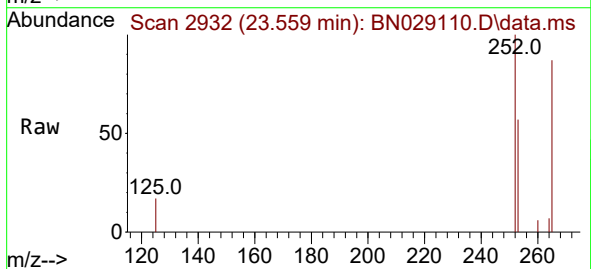
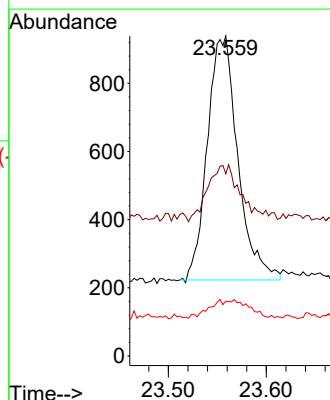
Tgt Ion:252 Resp: 1546

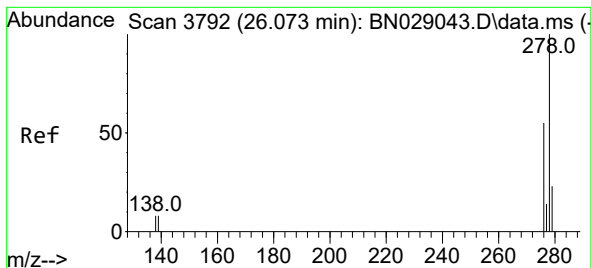
Ion Ratio Lower Upper

252 100

253 57.0 25.3 37.9#

125 17.1 6.5 9.7#





#40

Dibenzo(a,h)anthracene

Concen: 0.707 ng

RT: 26.058 min Scan# 31

Delta R.T. -0.014 min

Lab File: BN029110.D

Acq: 08 Dec 2023 02:42

Instrument :

BNA\_N

ClientSampleId :

PB157241BS

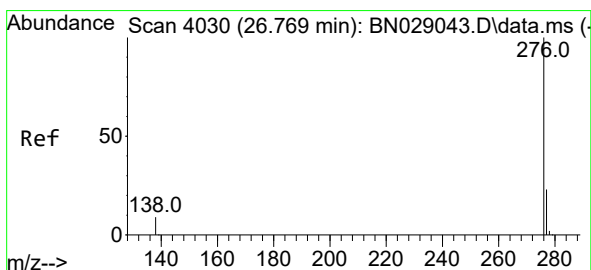
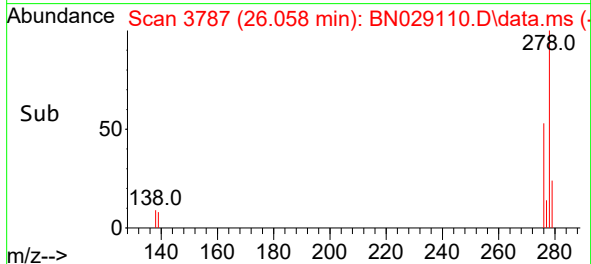
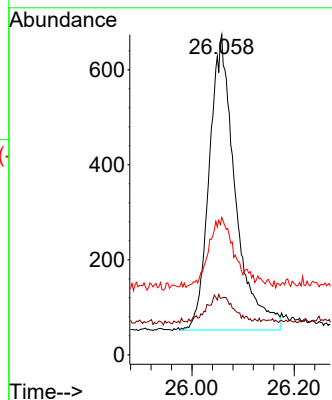
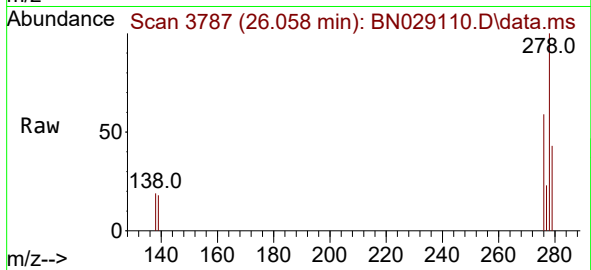
Tgt Ion:278 Resp: 2196

Ion Ratio Lower Upper

278 100

139 17.7 9.4 14.2#

279 42.9 24.2 36.4#



#41

Benzo(g,h,i)perylene

Concen: 0.574 ng

RT: 26.754 min Scan# 4025

Delta R.T. -0.014 min

Lab File: BN029110.D

Acq: 08 Dec 2023 02:42

Tgt Ion:276 Resp: 1952

Ion Ratio Lower Upper

276 100

277 31.1 20.3 30.5#

138 22.7 9.2 13.8#

