

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102224\  
 Data File : BN034680.D  
 Acq On : 22 Oct 2024 16:03  
 Operator : RC/JU  
 Sample : SSTDICC5.0  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0

Quant Time: Oct 22 16:41:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN102224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 22 16:37:08 2024  
 Response via : Initial Calibration

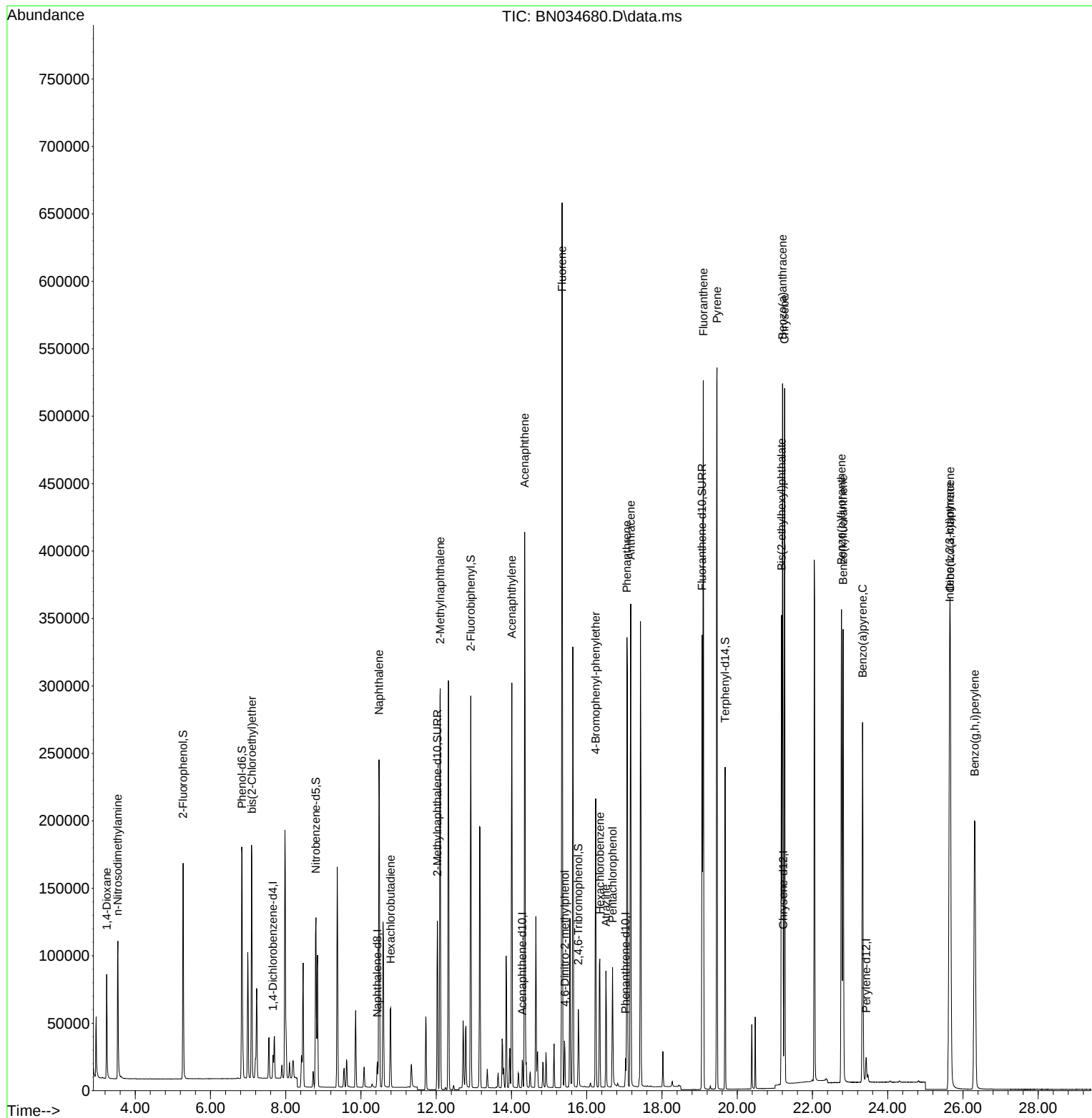
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.662  | 152  | 7972     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.436 | 136  | 22692    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.286 | 164  | 11941    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.032 | 188  | 25452    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.223 | 240  | 20730    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.429 | 264  | 21537    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.271  | 112  | 116404   | 4.725 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.838  | 99   | 154370   | 4.925 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.803  | 82   | 96202    | 5.094 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.029 | 152  | 163930   | 5.078 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.778 | 330  | 29894    | 5.652 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.918 | 172  | 234096   | 4.957 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.066 | 212  | 322404   | 5.069 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.679 | 244  | 199780   | 5.001 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.242  | 88   | 43658    | 4.545 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.530  | 42   | 55568    | 4.944 | ng    | # 99     |
| 6) bis(2-Chloroethyl)ether    | 7.098  | 93   | 114801   | 4.818 | ng    | 99       |
| 9) Naphthalene                | 10.479 | 128  | 313058   | 4.980 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.789 | 225  | 48883    | 4.805 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.105 | 142  | 201977   | 5.060 | ng    | 98       |
| 16) Acenaphthylene            | 14.008 | 152  | 305829   | 5.283 | ng    | 100      |
| 17) Acenaphthene              | 14.350 | 154  | 202450   | 5.148 | ng    | 98       |
| 18) Fluorene                  | 15.345 | 166  | 249135   | 5.072 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.419 | 198  | 21315    | 6.046 | ng    | # 56     |
| 21) 4-Bromophenyl-phenylether | 16.237 | 248  | 70925    | 5.040 | ng    | 95       |
| 22) Hexachlorobenzene         | 16.349 | 284  | 77625    | 4.957 | ng    | 99       |
| 23) Atrazine                  | 16.510 | 200  | 62989    | 5.024 | ng    | 98       |
| 24) Pentachlorophenol         | 16.684 | 266  | 38505    | 6.185 | ng    | 98       |
| 25) Phenanthrene              | 17.069 | 178  | 377886   | 4.968 | ng    | 100      |
| 26) Anthracene                | 17.168 | 178  | 358296   | 5.255 | ng    | 100      |
| 28) Fluoranthene              | 19.099 | 202  | 432920   | 5.006 | ng    | 100      |
| 30) Pyrene                    | 19.461 | 202  | 449413   | 4.946 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.205 | 228  | 397694   | 5.016 | ng    | 100      |
| 33) Chrysene                  | 21.259 | 228  | 384764   | 4.932 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.178 | 149  | 294200   | 5.272 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.645 | 276  | 431447   | 5.156 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 22.771 | 252  | 398892   | 5.197 | ng    | # 92     |
| 38) Benzo(k)fluoranthene      | 22.815 | 252  | 396032   | 5.259 | ng    | # 91     |
| 39) Benzo(a)pyrene            | 23.332 | 252  | 348663   | 5.277 | ng    | # 89     |
| 40) Dibenzo(a,h)anthracene    | 25.662 | 278  | 338482   | 5.149 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 26.311 | 276  | 367117   | 5.069 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

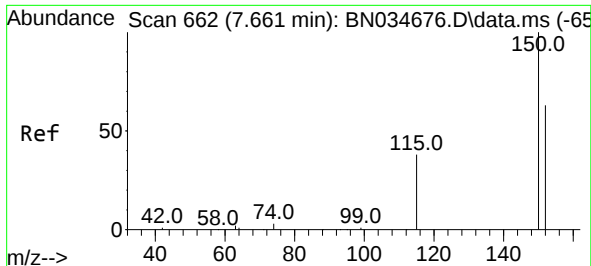
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102224\  
Data File : BN034680.D  
Acq On : 22 Oct 2024 16:03  
Operator : RC/JU  
Sample : SSTDICC5.0  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

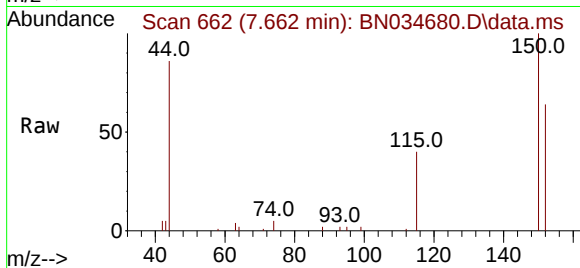
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN102224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 22 16:37:08 2024  
Response via : Initial Calibration



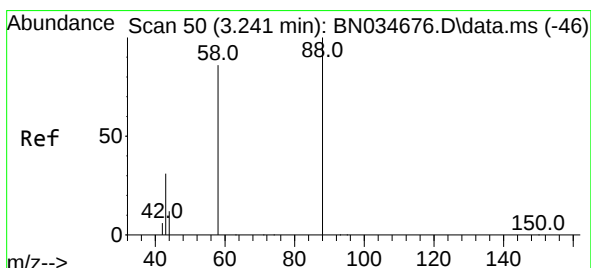
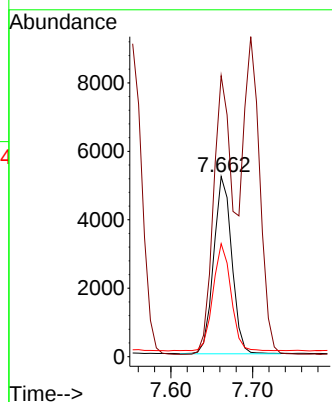
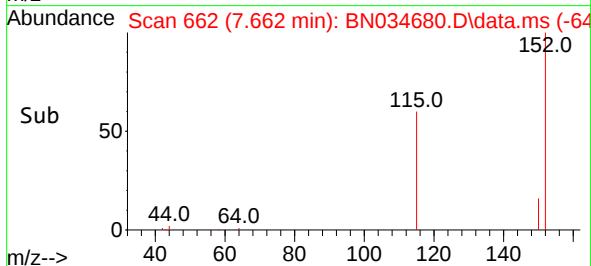


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.662 min Scan# 60  
 Delta R.T. 0.001 min  
 Lab File: BN034680.D  
 Acq: 22 Oct 2024 16:03

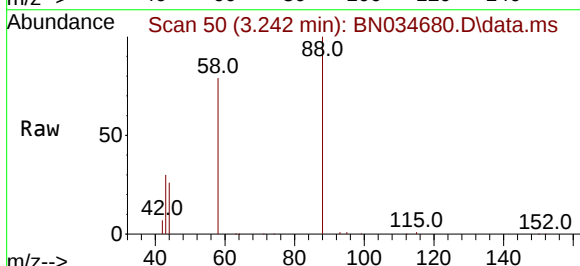
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0



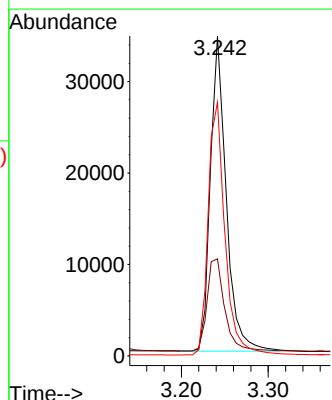
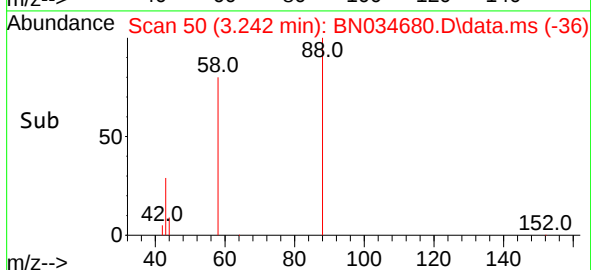
Tgt Ion:152 Resp: 7972  
 Ion Ratio Lower Upper  
 152 100  
 150 156.0 126.2 189.2  
 115 62.7 50.6 76.0

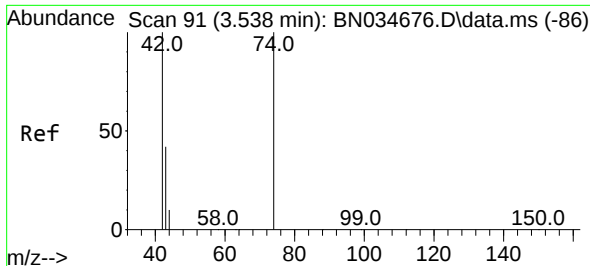


#2  
 1,4-Dioxane  
 Concen: 4.545 ng  
 RT: 3.242 min Scan# 50  
 Delta R.T. 0.000 min  
 Lab File: BN034680.D  
 Acq: 22 Oct 2024 16:03



Tgt Ion: 88 Resp: 43658  
 Ion Ratio Lower Upper  
 88 100  
 43 32.4 26.4 39.6  
 58 85.3 68.8 103.2

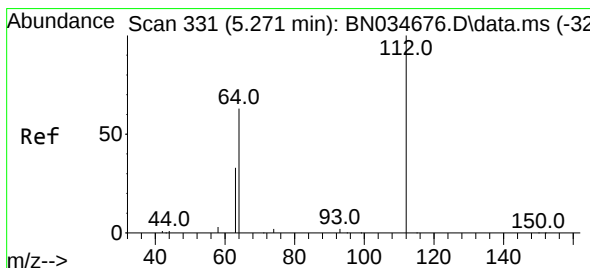
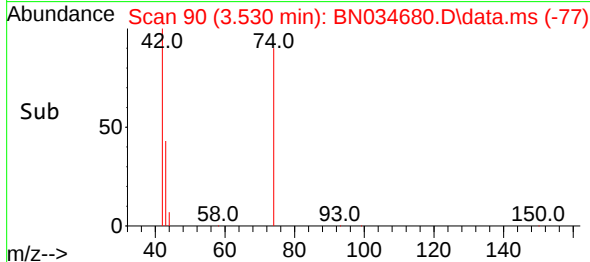
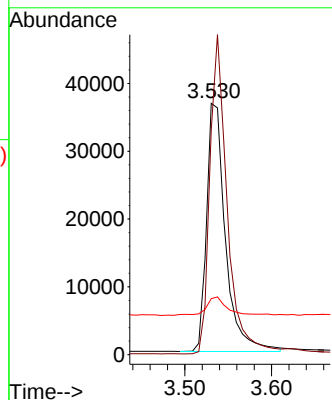
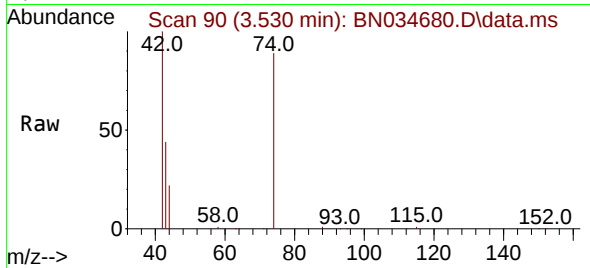




#3  
 n-Nitrosodimethylamine  
 Concen: 4.944 ng  
 RT: 3.530 min Scan# 90  
 Delta R.T. -0.007 min  
 Lab File: BN034680.D  
 Acq: 22 Oct 2024 16:03

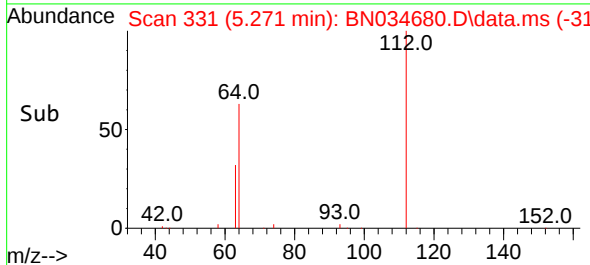
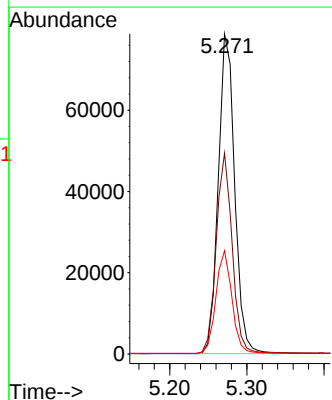
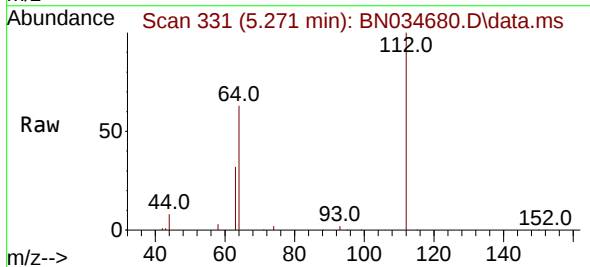
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0

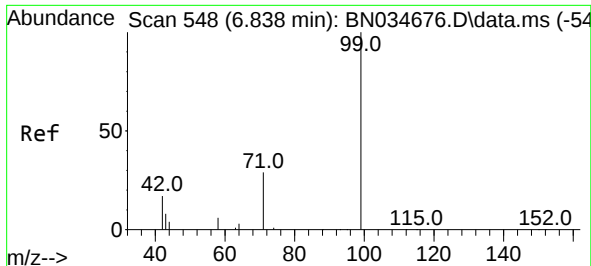
Tgt Ion: 42 Resp: 55568  
 Ion Ratio Lower Upper  
 42 100  
 74 117.9 94.6 141.8  
 44 8.3 9.6 14.4#



#4  
 2-Fluorophenol  
 Concen: 4.725 ng  
 RT: 5.271 min Scan# 331  
 Delta R.T. 0.000 min  
 Lab File: BN034680.D  
 Acq: 22 Oct 2024 16:03

Tgt Ion: 112 Resp: 116404  
 Ion Ratio Lower Upper  
 112 100  
 64 61.0 48.4 72.6  
 63 31.2 25.0 37.6

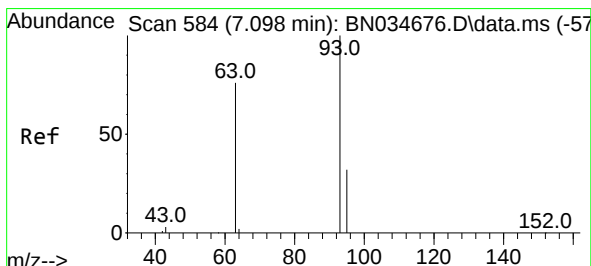
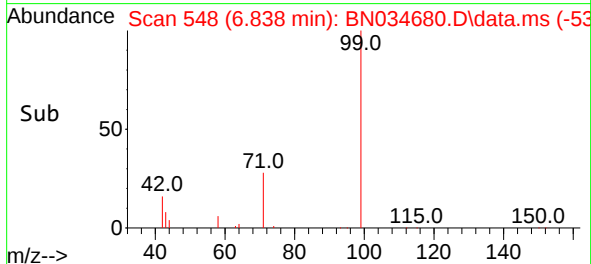
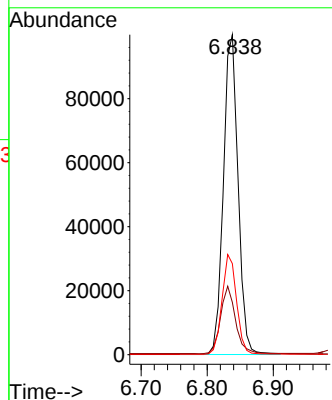
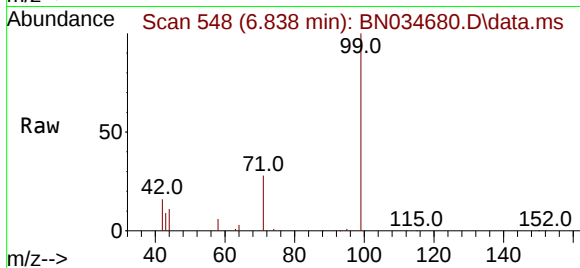




#5  
Phenol-d6  
Concen: 4.925 ng  
RT: 6.838 min Scan# 548  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

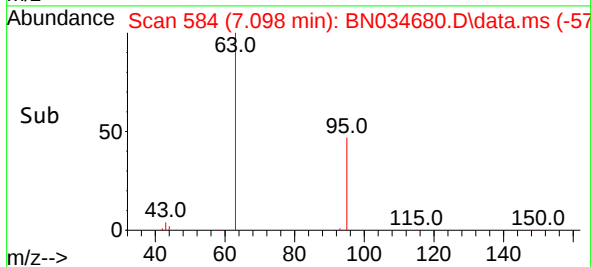
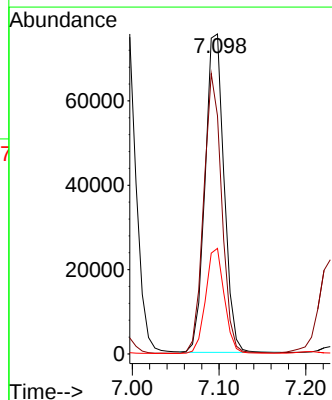
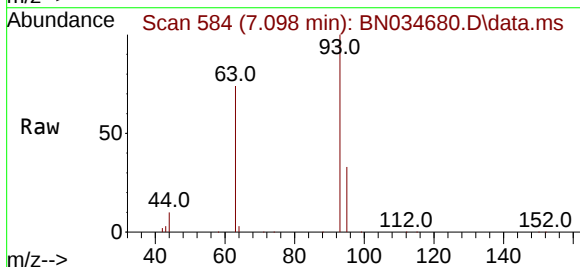
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

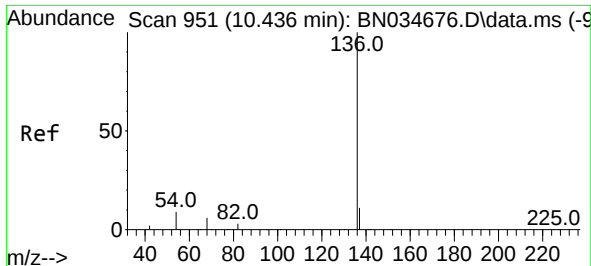
Tgt Ion: 99 Resp: 154370  
Ion Ratio Lower Upper  
99 100  
42 21.3 17.0 25.6  
71 30.9 25.0 37.4



#6  
bis(2-Chloroethyl)ether  
Concen: 4.818 ng  
RT: 7.098 min Scan# 584  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

Tgt Ion: 93 Resp: 114801  
Ion Ratio Lower Upper  
93 100  
63 83.5 66.3 99.5  
95 32.5 26.1 39.1

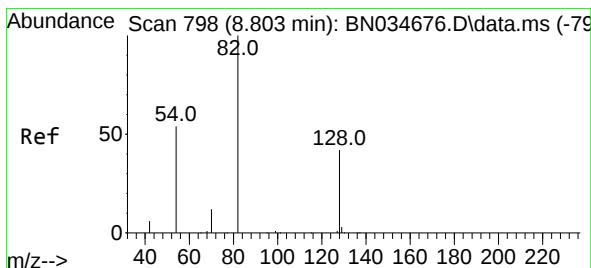
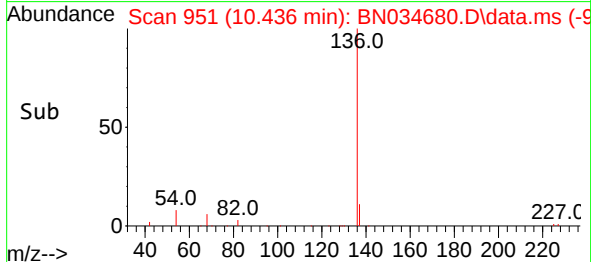
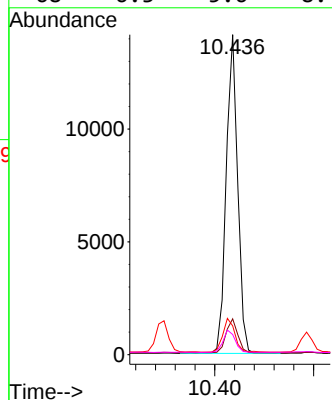
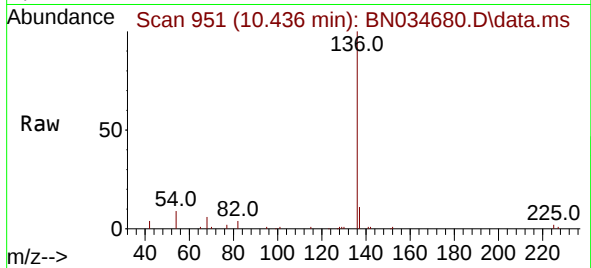




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.436 min Scan# 951  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

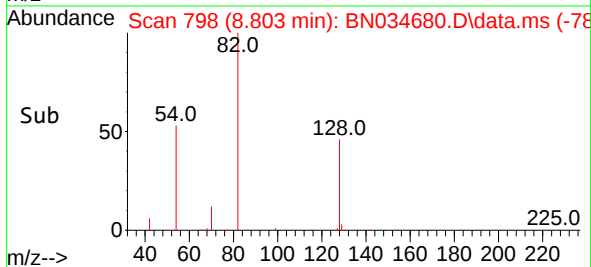
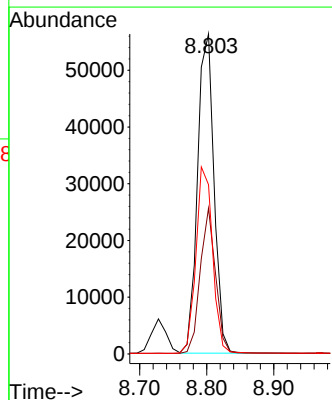
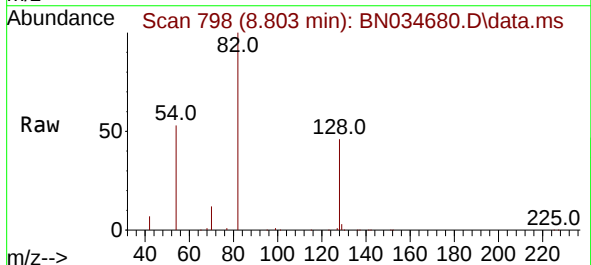
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

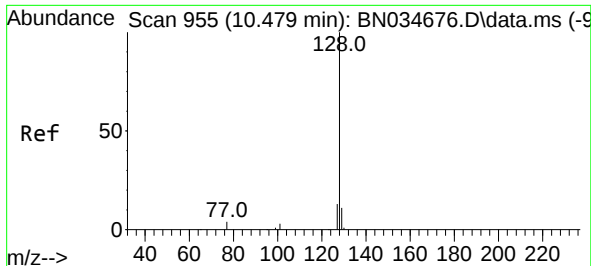
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 22692 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.2  | 9.1   | 13.7  |
| 54       | 9.0   | 7.5   | 11.3  |
| 68       | 6.3   | 5.6   | 8.4   |



#8  
Nitrobenzene-d5  
Concen: 5.094 ng  
RT: 8.803 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 96202 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 45.6  | 35.4  | 53.0  |
| 54       | 52.9  | 44.6  | 67.0  |

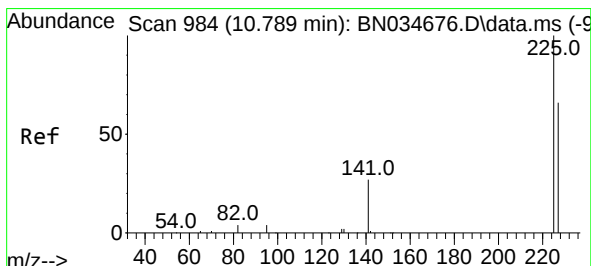
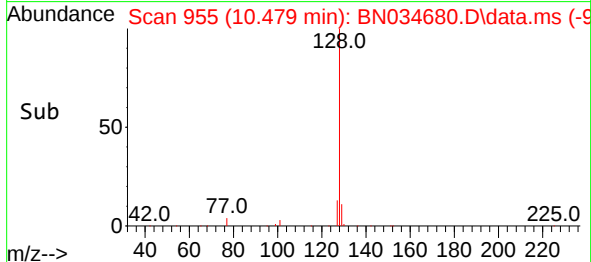
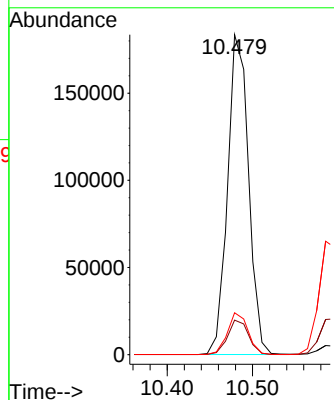
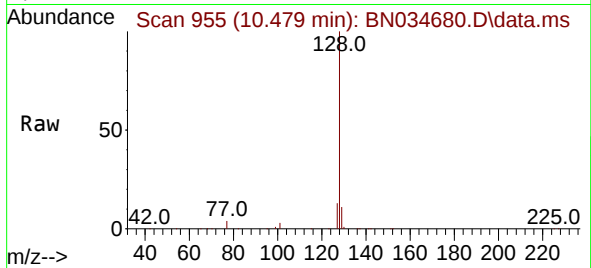




#9  
Naphthalene  
Concen: 4.980 ng  
RT: 10.479 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

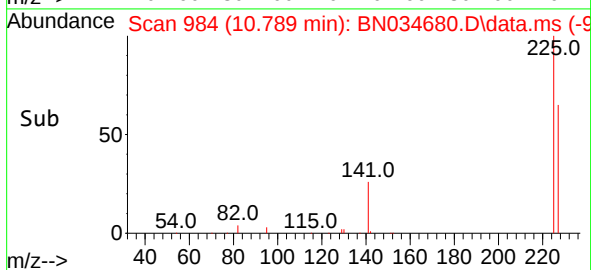
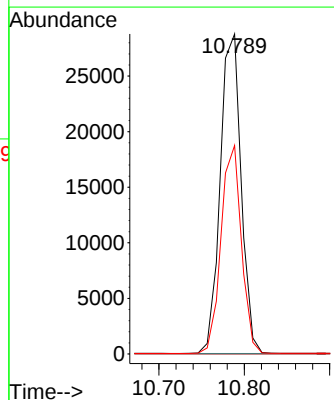
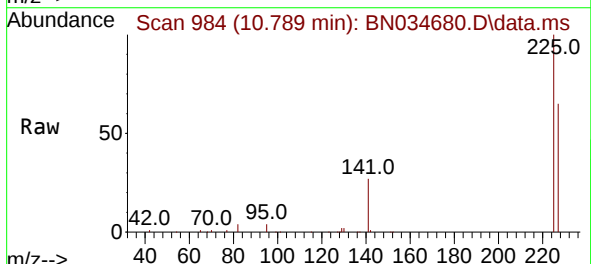
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

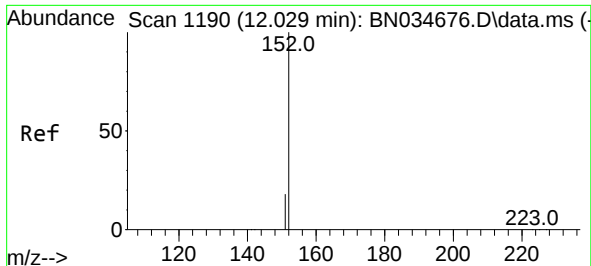
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Ion Ratio Lower Upper  
128 100  
129 10.8 9.0 13.6  
127 13.1 10.7 16.1



#10  
Hexachlorobutadiene  
Concen: 4.805 ng  
RT: 10.789 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

Tgt Ion:225 Resp: 48883  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.4 52.1 78.1

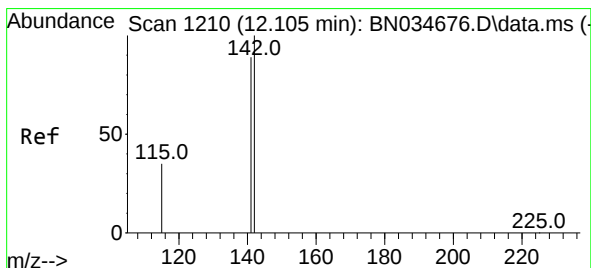
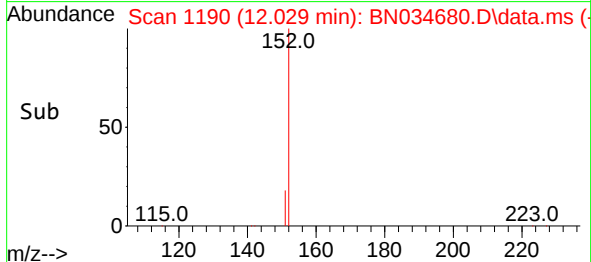
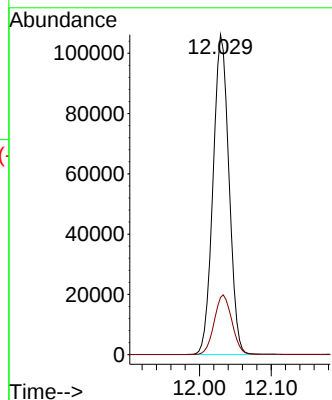
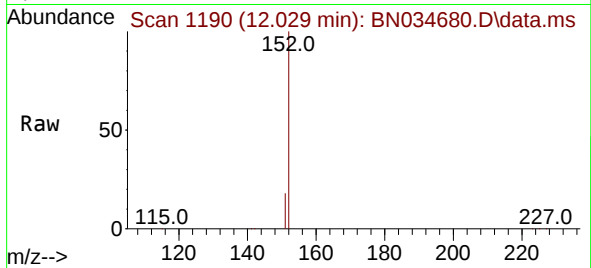




#11  
2-Methylnaphthalene-d10  
Concen: 5.078 ng  
RT: 12.029 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

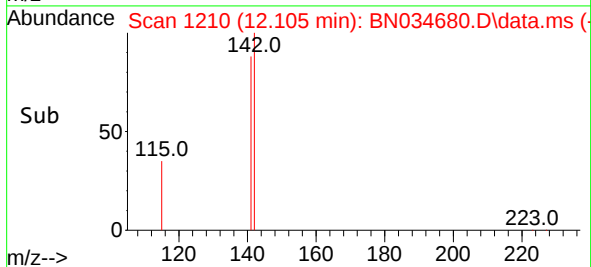
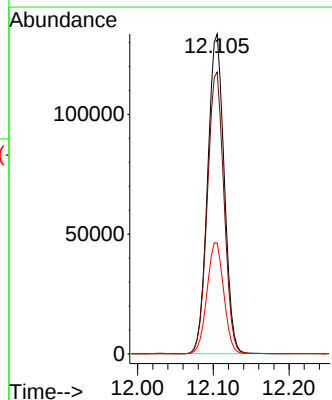
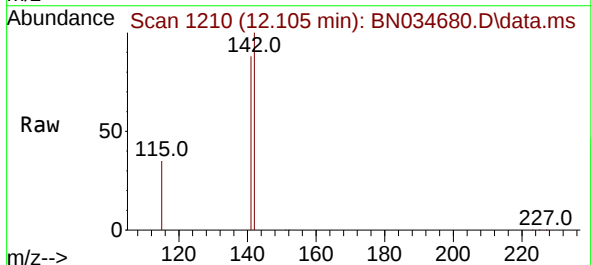
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

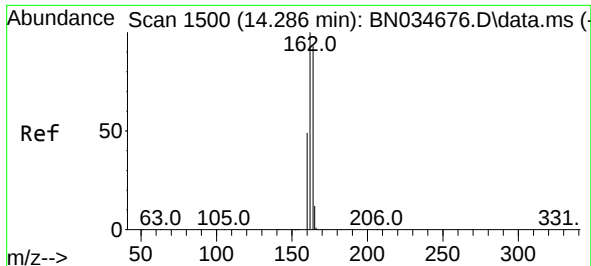
Tgt Ion:152 Resp: 163930  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.7 25.1



#12  
2-Methylnaphthalene  
Concen: 5.060 ng  
RT: 12.105 min Scan# 1210  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

Tgt Ion:142 Resp: 201977  
Ion Ratio Lower Upper  
142 100  
141 88.1 71.5 107.3  
115 34.7 29.0 43.6

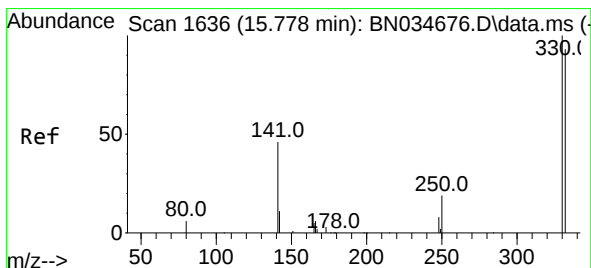
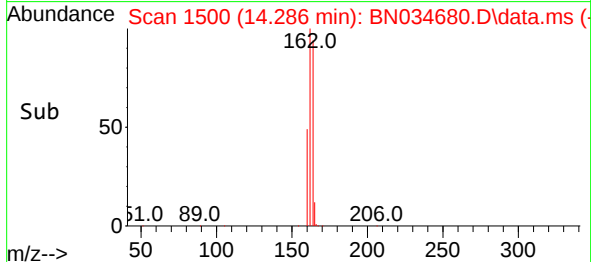
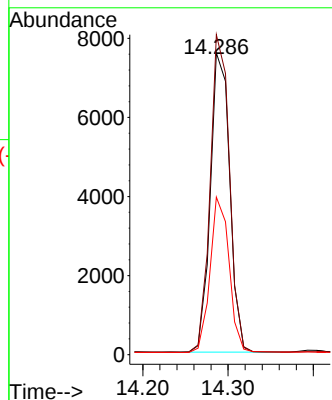
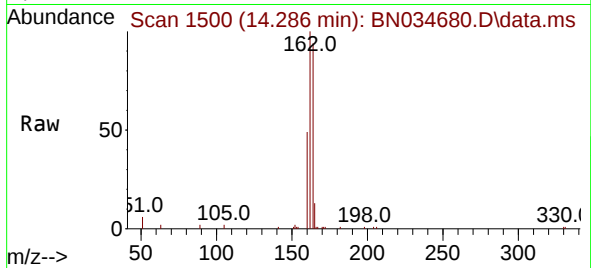




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.286 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

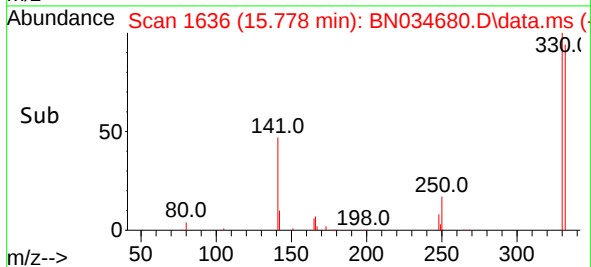
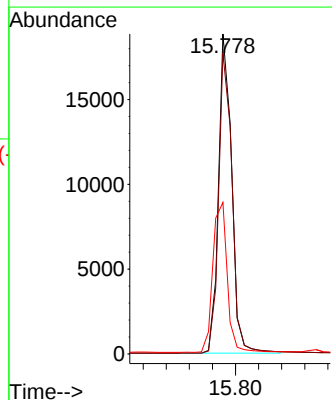
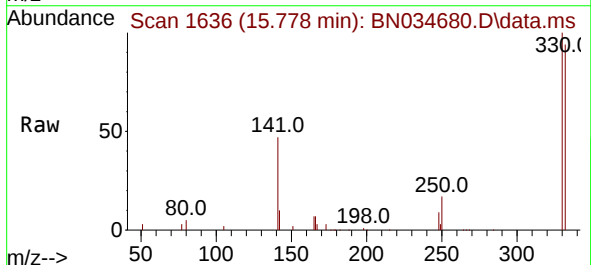
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

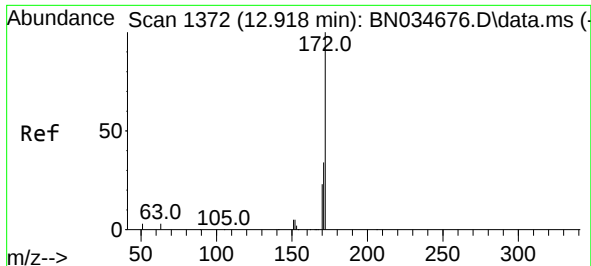
Tgt Ion:164 Resp: 11941  
Ion Ratio Lower Upper  
164 100  
162 106.0 86.2 129.4  
160 52.2 42.3 63.5



#14  
2,4,6-Tribromophenol  
Concen: 5.652 ng  
RT: 15.778 min Scan# 1636  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

Tgt Ion:330 Resp: 29894  
Ion Ratio Lower Upper  
330 100  
332 95.7 76.4 114.6  
141 51.2 41.4 62.2

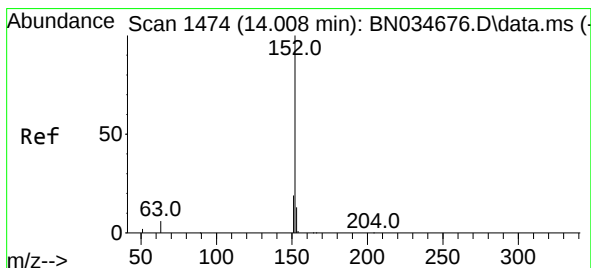
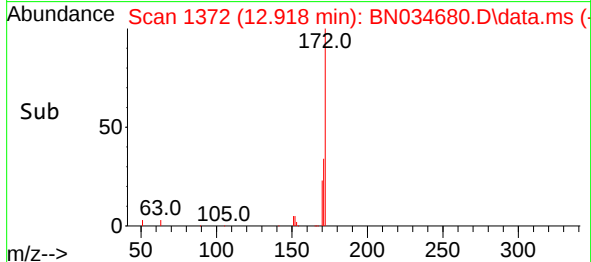
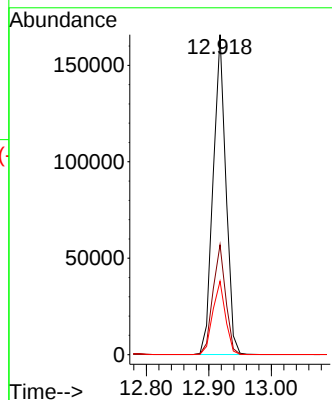
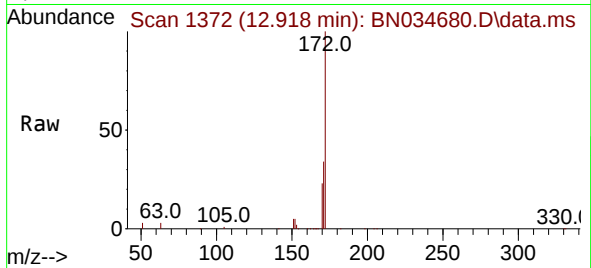




#15  
2-Fluorobiphenyl  
Concen: 4.957 ng  
RT: 12.918 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

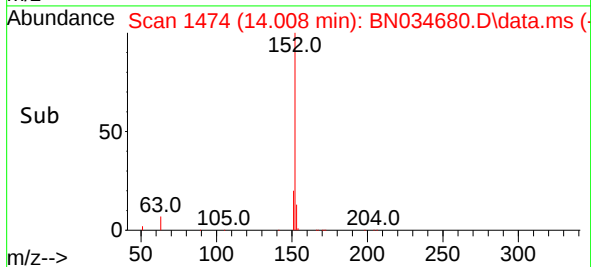
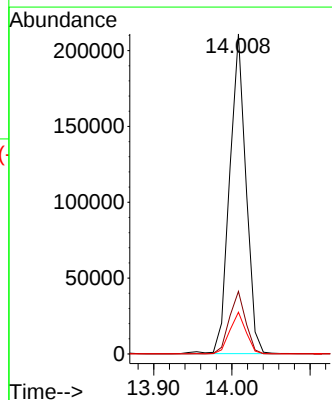
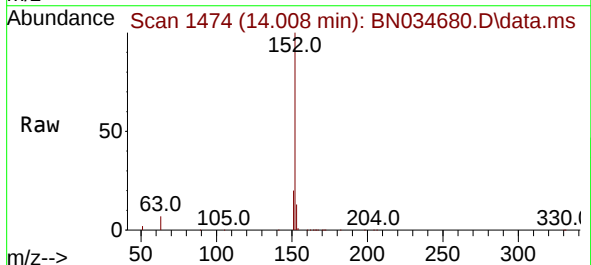
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

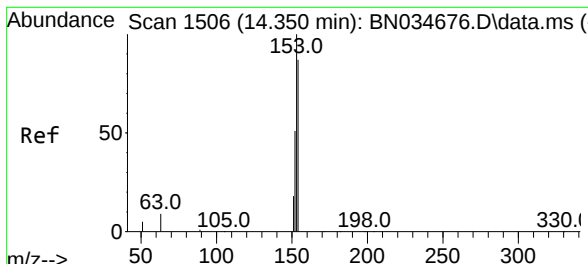
Tgt Ion:172 Resp: 234096  
Ion Ratio Lower Upper  
172 100  
171 34.4 27.7 41.5  
170 23.0 18.7 28.1



#16  
Acenaphthylene  
Concen: 5.283 ng  
RT: 14.008 min Scan# 1474  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

Tgt Ion:152 Resp: 305829  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.4 23.2  
153 13.0 10.3 15.5

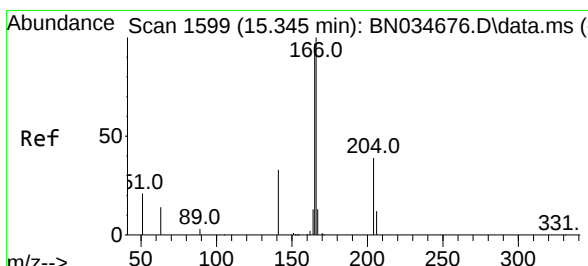
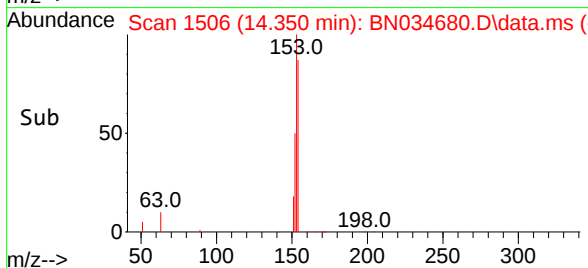
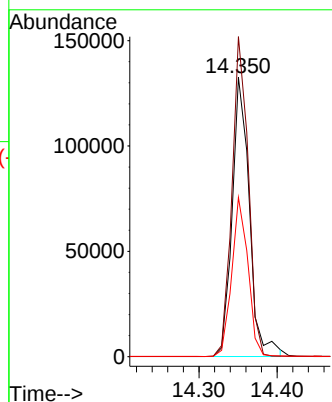
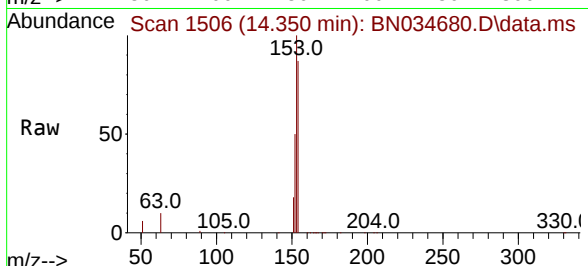




#17  
Acenaphthene  
Concen: 5.148 ng  
RT: 14.350 min Scan# 1506  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

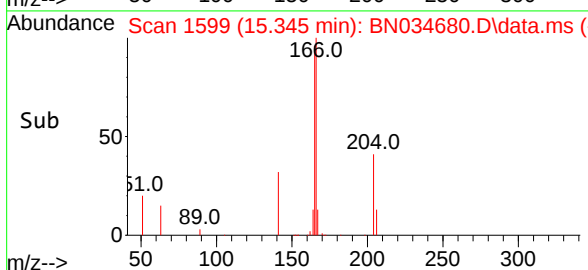
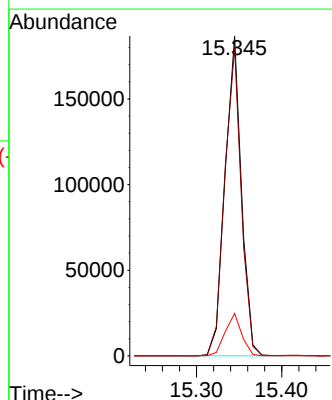
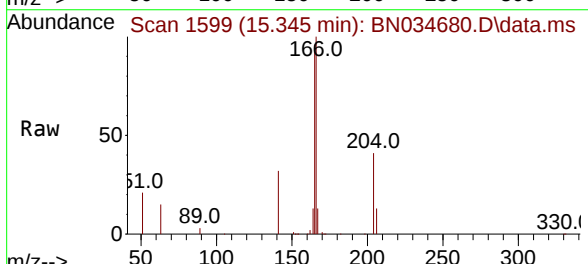
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

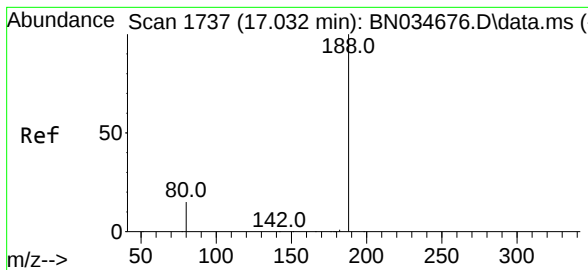
Tgt Ion:154 Resp: 202450  
Ion Ratio Lower Upper  
154 100  
153 107.8 87.5 131.3  
152 53.4 44.9 67.3



#18  
Fluorene  
Concen: 5.072 ng  
RT: 15.345 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

Tgt Ion:166 Resp: 249135  
Ion Ratio Lower Upper  
166 100  
165 97.7 78.3 117.5  
167 13.3 10.8 16.2

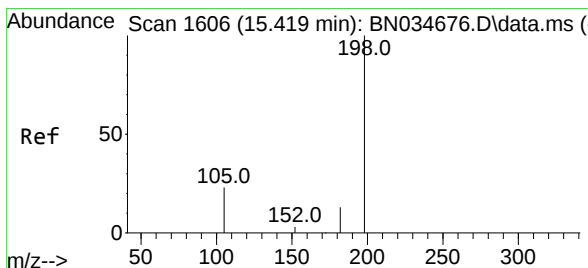
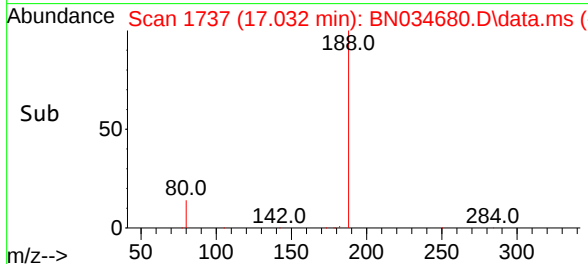
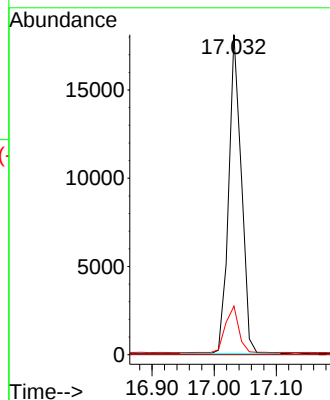
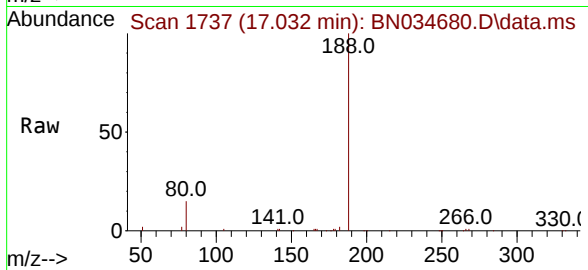




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.032 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

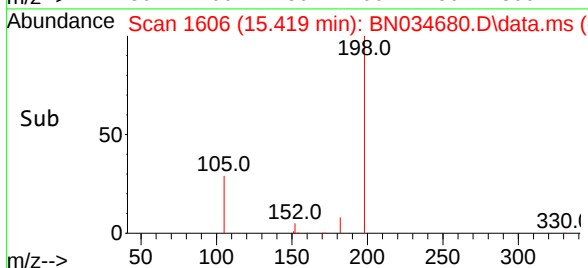
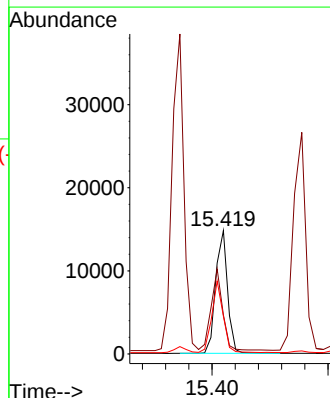
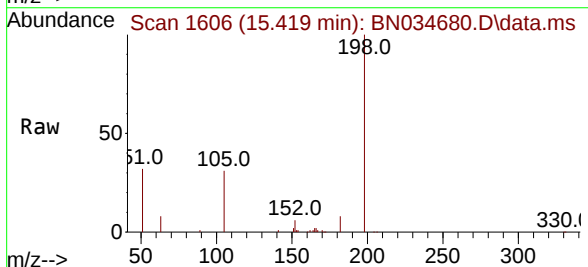
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

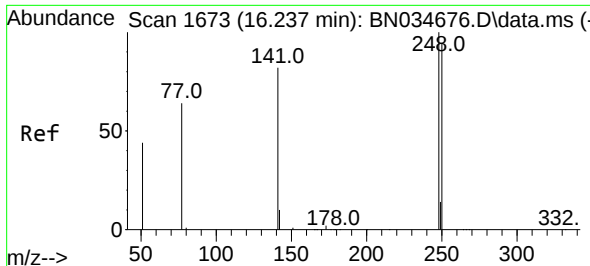
Tgt Ion:188 Resp: 25452  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.2 12.6 19.0



#20  
4,6-Dinitro-2-methylphenol  
Concen: 6.046 ng  
RT: 15.419 min Scan# 1606  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

Tgt Ion:198 Resp: 21315  
Ion Ratio Lower Upper  
198 100  
51 31.6 64.3 96.5#  
105 30.5 38.6 57.8#

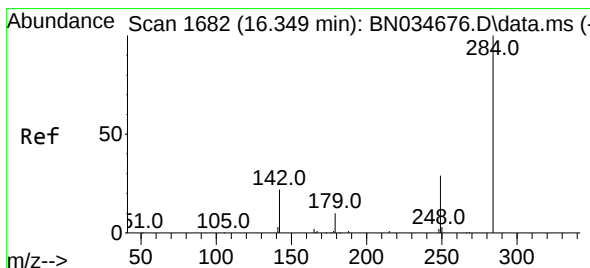
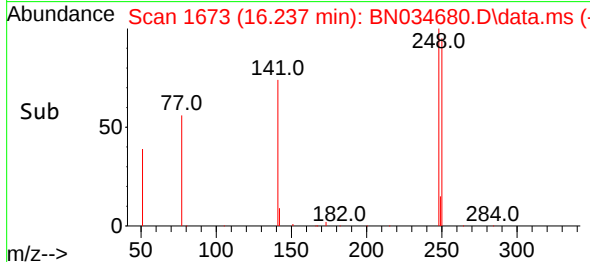
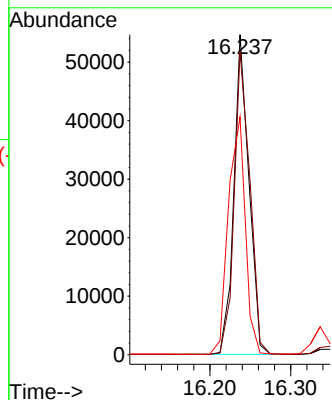
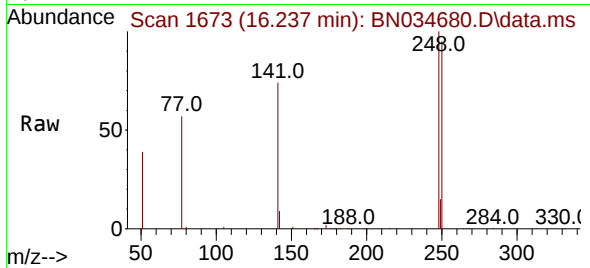




#21  
4-Bromophenyl-phenylether  
Concen: 5.040 ng  
RT: 16.237 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

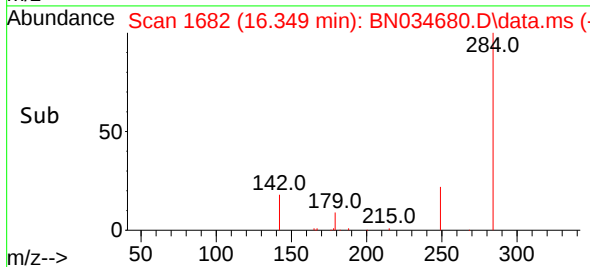
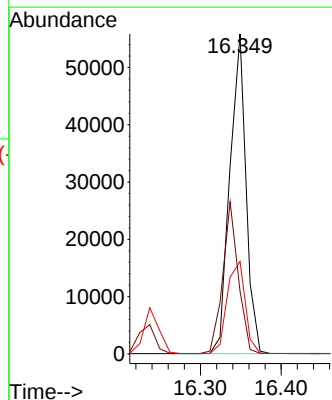
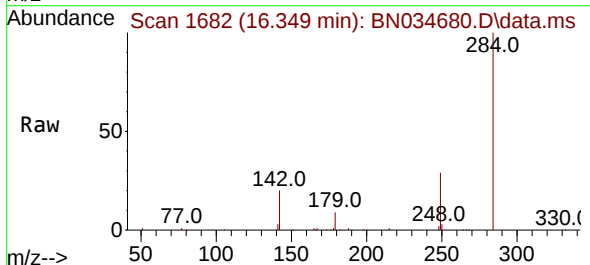
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

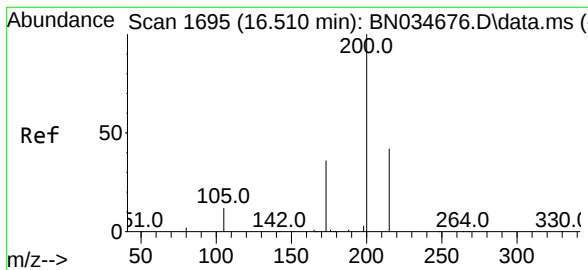
Tgt Ion:248 Resp: 70925  
Ion Ratio Lower Upper  
248 100  
250 94.8 75.3 112.9  
141 74.3 66.5 99.7



#22  
Hexachlorobenzene  
Concen: 4.957 ng  
RT: 16.349 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

Tgt Ion:284 Resp: 77625  
Ion Ratio Lower Upper  
284 100  
142 45.4 36.9 55.3  
249 32.3 25.4 38.0





#23

Atrazine

Concen: 5.024 ng

RT: 16.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN034680.D

Acq: 22 Oct 2024 16:03

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

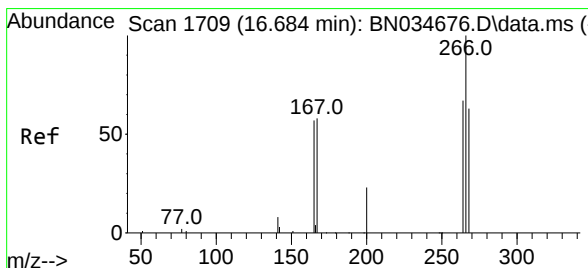
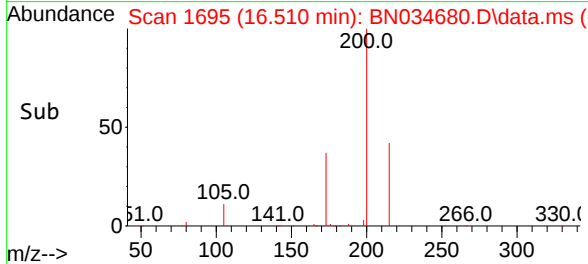
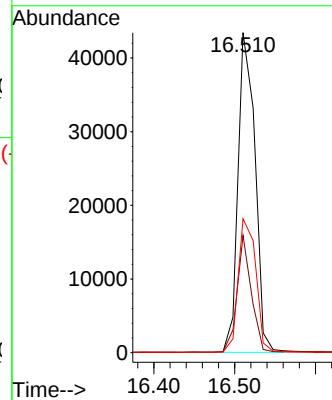
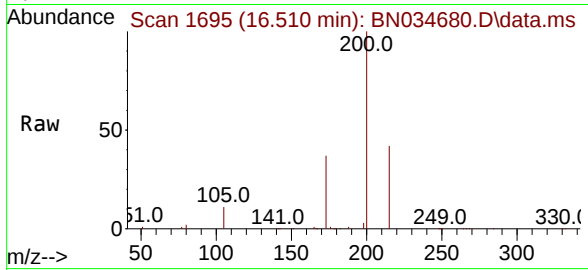
Tgt Ion:200 Resp: 62989

Ion Ratio Lower Upper

200 100

173 36.7 30.0 45.0

215 41.9 34.6 52.0



#24

Pentachlorophenol

Concen: 6.185 ng

RT: 16.684 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BN034680.D

Acq: 22 Oct 2024 16:03

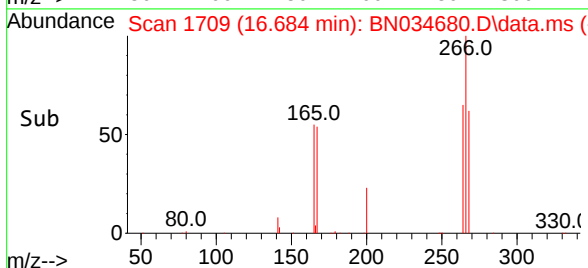
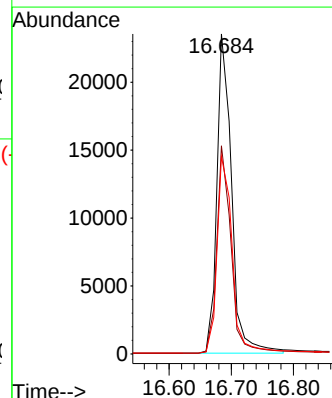
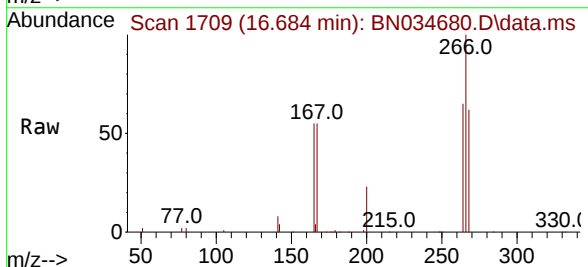
Tgt Ion:266 Resp: 38505

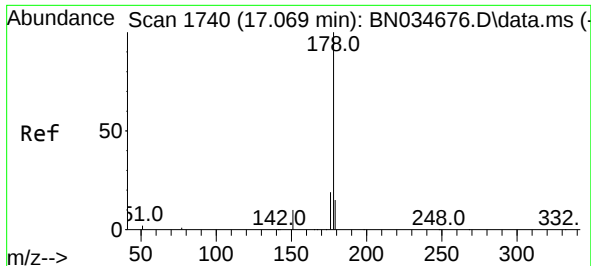
Ion Ratio Lower Upper

266 100

264 63.1 51.8 77.6

268 63.6 51.6 77.4

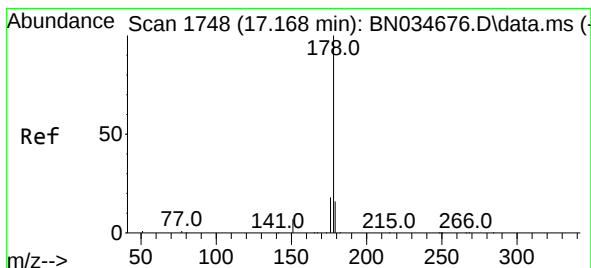
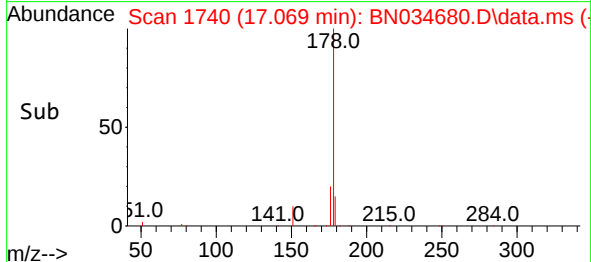
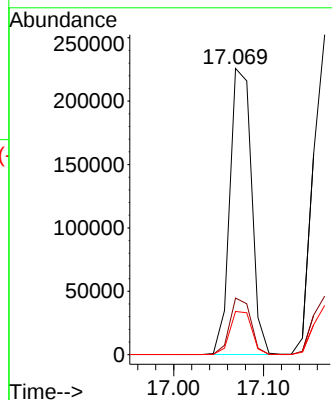
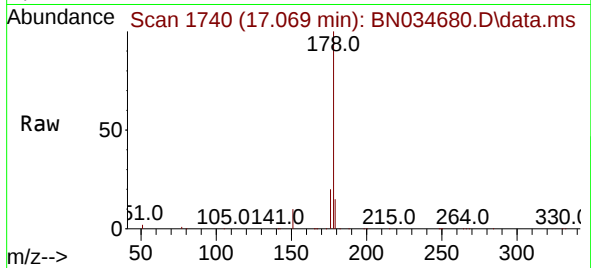




#25  
 Phenanthrene  
 Concen: 4.968 ng  
 RT: 17.069 min Scan# 1740  
 Delta R.T. 0.000 min  
 Lab File: BN034680.D  
 Acq: 22 Oct 2024 16:03

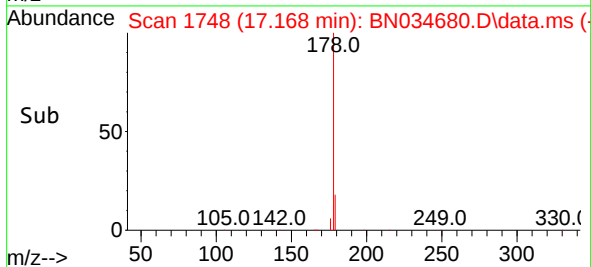
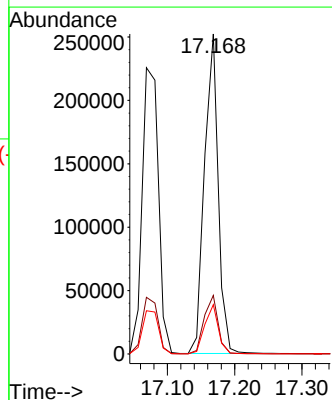
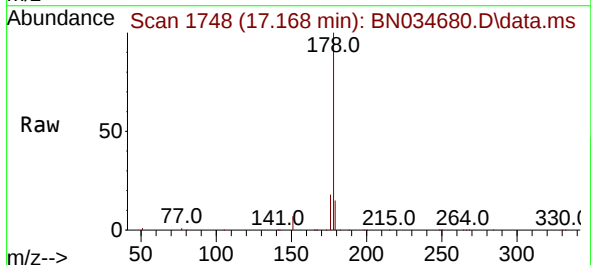
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0

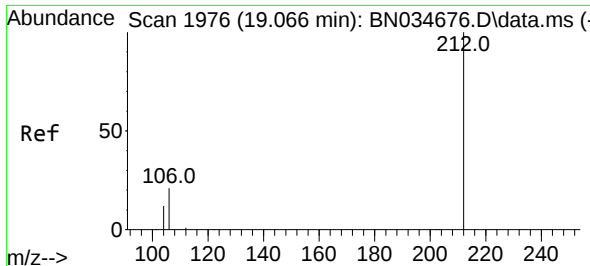
Tgt Ion:178 Resp: 377886  
 Ion Ratio Lower Upper  
 178 100  
 176 19.2 15.2 22.8  
 179 15.2 12.2 18.4



#26  
 Anthracene  
 Concen: 5.255 ng  
 RT: 17.168 min Scan# 1748  
 Delta R.T. 0.000 min  
 Lab File: BN034680.D  
 Acq: 22 Oct 2024 16:03

Tgt Ion:178 Resp: 358296  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 14.8 22.2  
 179 15.3 12.3 18.5

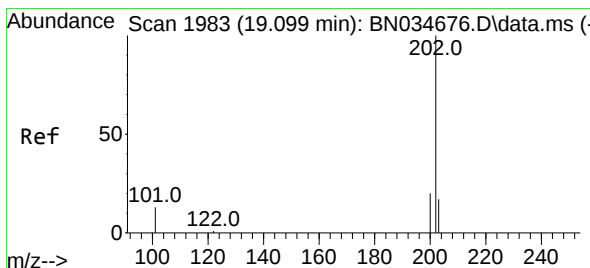
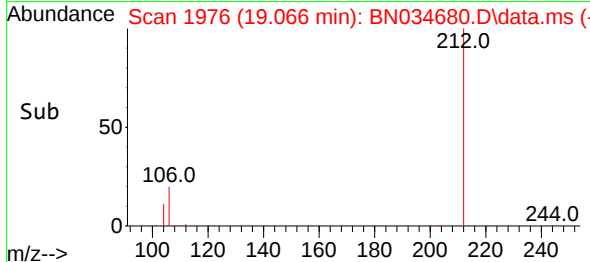
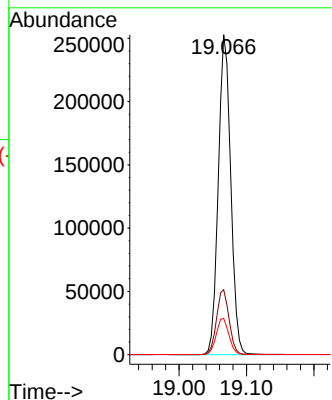
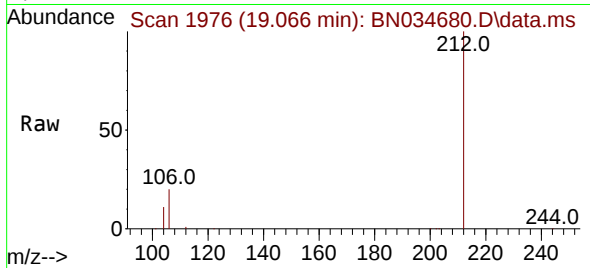




#27  
Fluoranthene-d10  
Concen: 5.069 ng  
RT: 19.066 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

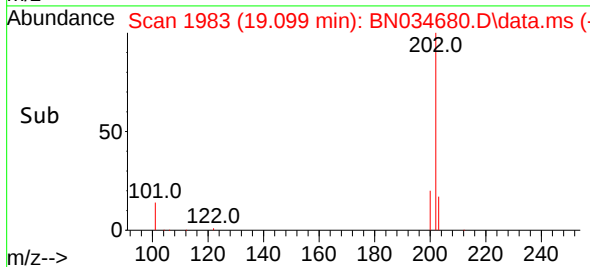
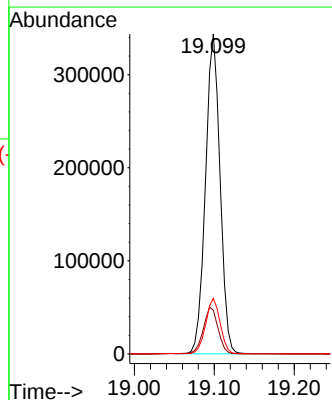
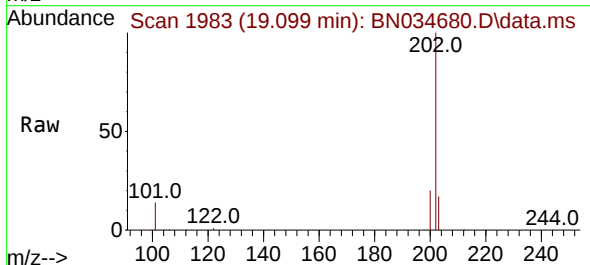
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

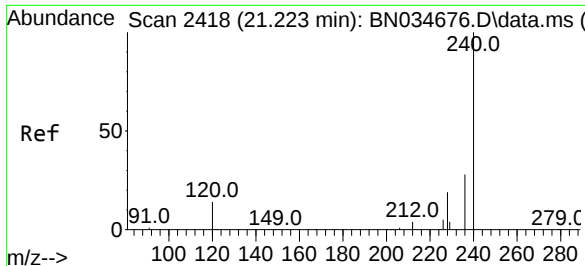
Tgt Ion:212 Resp: 322404  
Ion Ratio Lower Upper  
212 100  
106 20.4 16.5 24.7  
104 11.5 9.4 14.0



#28  
Fluoranthene  
Concen: 5.006 ng  
RT: 19.099 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

Tgt Ion:202 Resp: 432920  
Ion Ratio Lower Upper  
202 100  
101 14.9 11.8 17.6  
203 17.3 13.8 20.6

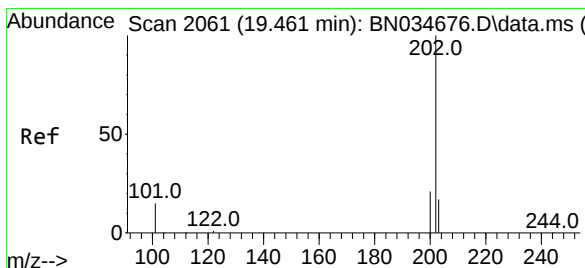
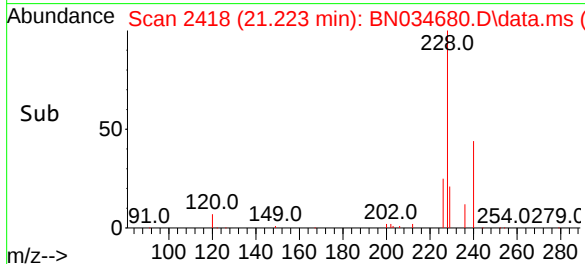
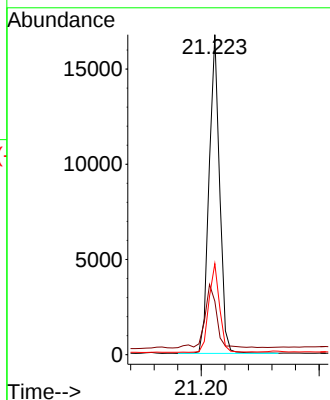
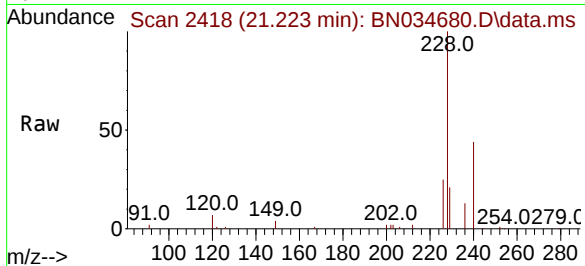




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.223 min Scan# 2418  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

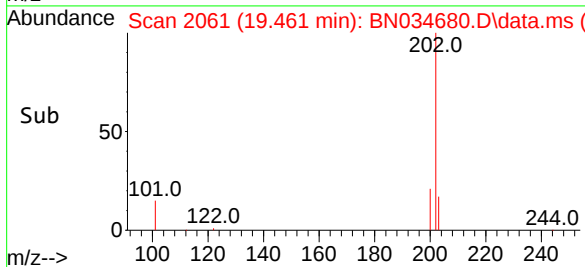
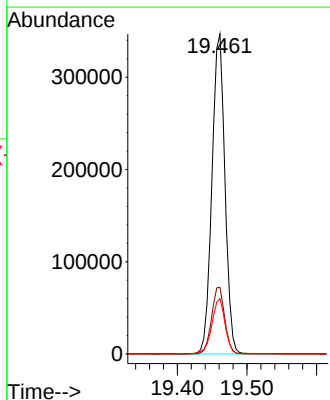
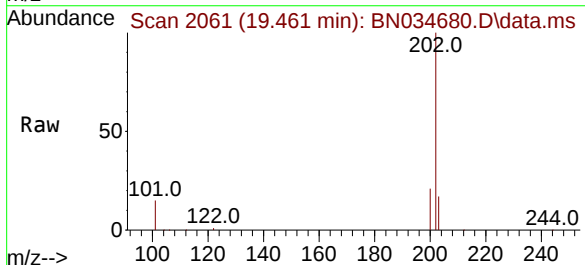
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

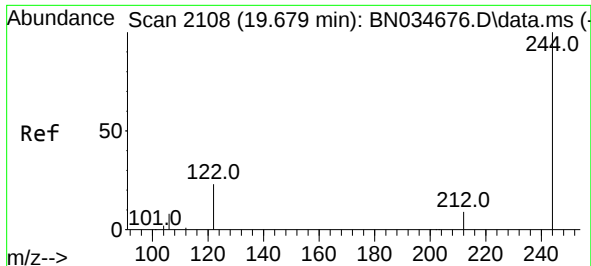
Tgt Ion:240 Resp: 20730  
Ion Ratio Lower Upper  
240 100  
120 16.7 13.3 19.9  
236 28.5 22.9 34.3



#30  
Pyrene  
Concen: 4.946 ng  
RT: 19.461 min Scan# 2061  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

Tgt Ion:202 Resp: 449413  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.7 25.1  
203 17.6 14.2 21.2

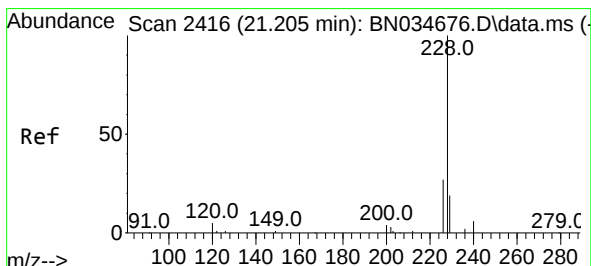
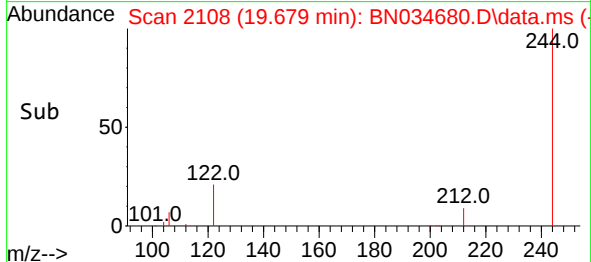
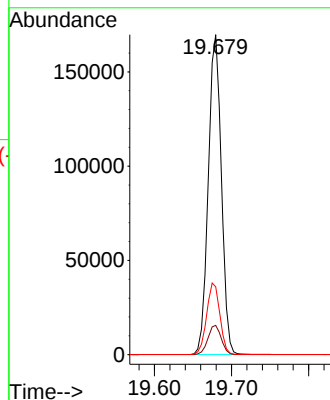
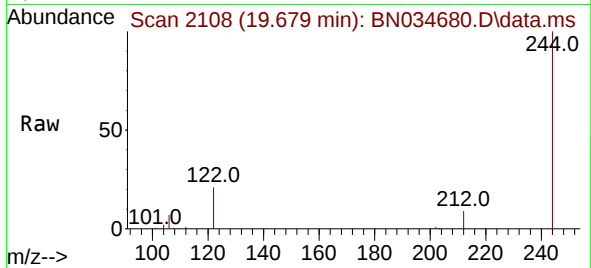




#31  
 Terphenyl-d14  
 Concen: 5.001 ng  
 RT: 19.679 min Scan# 2108  
 Delta R.T. 0.000 min  
 Lab File: BN034680.D  
 Acq: 22 Oct 2024 16:03

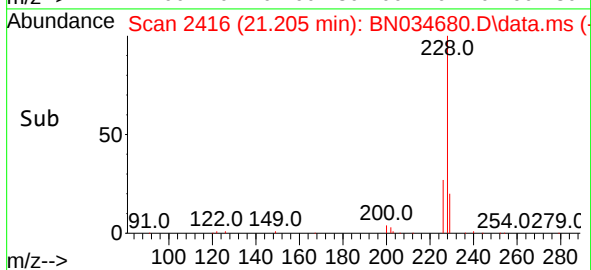
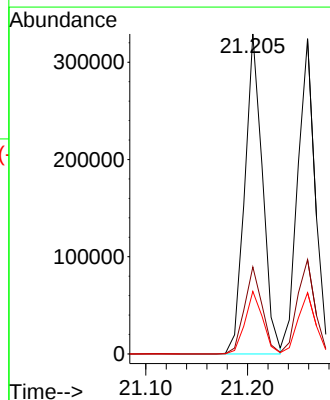
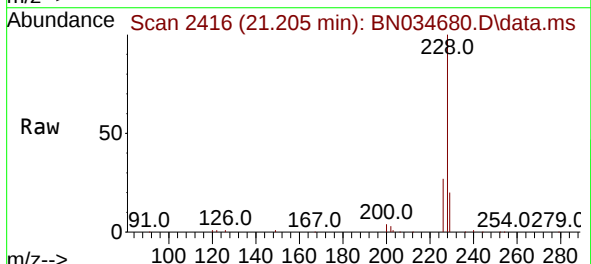
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0

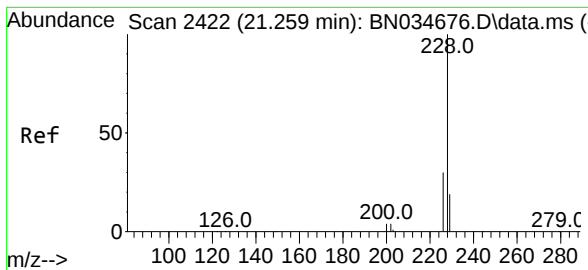
Tgt Ion:244 Resp: 199780  
 Ion Ratio Lower Upper  
 244 100  
 212 9.2 8.0 12.0  
 122 21.2 19.1 28.7



#32  
 Benzo(a)anthracene  
 Concen: 5.016 ng  
 RT: 21.205 min Scan# 2416  
 Delta R.T. 0.000 min  
 Lab File: BN034680.D  
 Acq: 22 Oct 2024 16:03

Tgt Ion:228 Resp: 397694  
 Ion Ratio Lower Upper  
 228 100  
 226 27.2 22.1 33.1  
 229 19.6 15.6 23.4





#33

Chrysene

Concen: 4.932 ng

RT: 21.259 min Scan# 2422

Delta R.T. 0.000 min

Lab File: BN034680.D

Acq: 22 Oct 2024 16:03

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

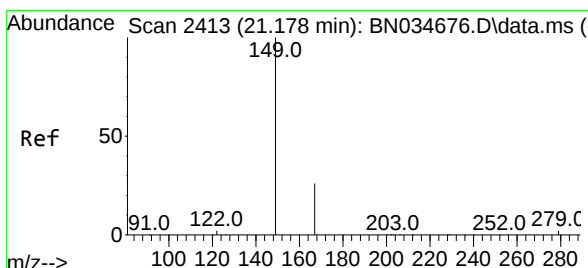
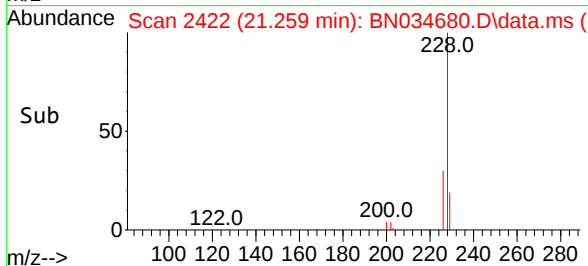
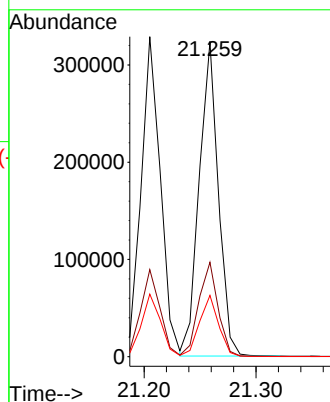
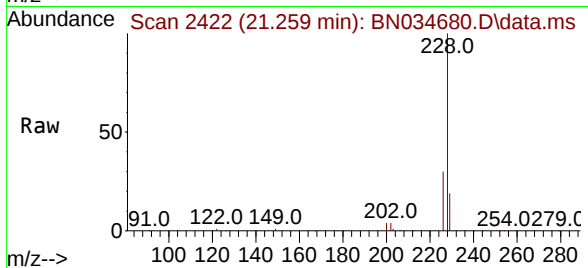
Tgt Ion:228 Resp: 384764

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.4 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 5.272 ng

RT: 21.178 min Scan# 2413

Delta R.T. 0.000 min

Lab File: BN034680.D

Acq: 22 Oct 2024 16:03

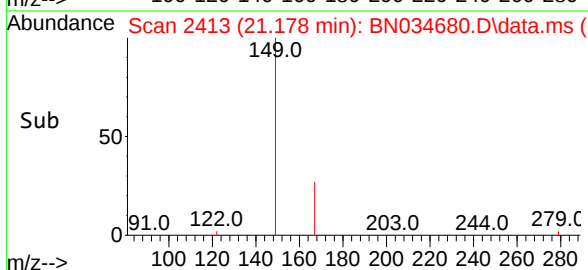
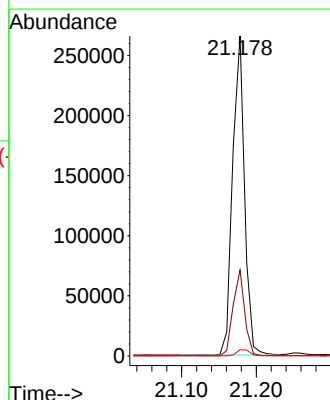
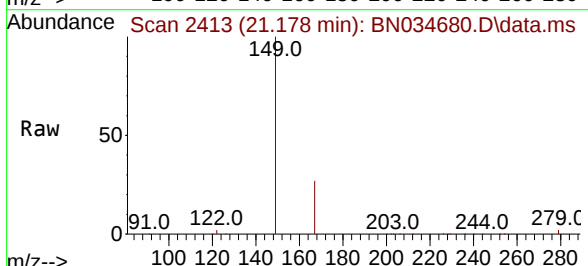
Tgt Ion:149 Resp: 294200

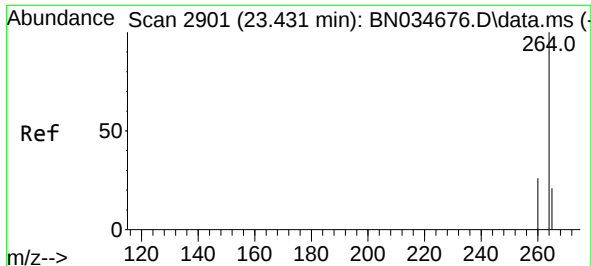
Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.6

279 2.1 1.8 2.8



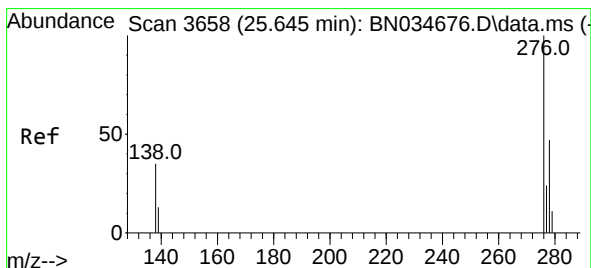
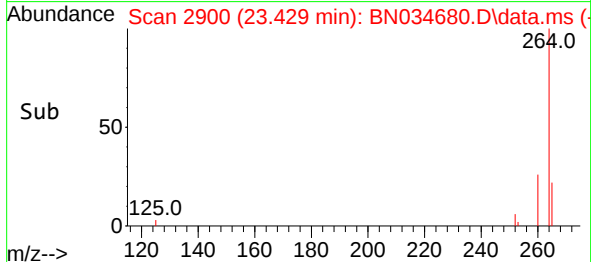
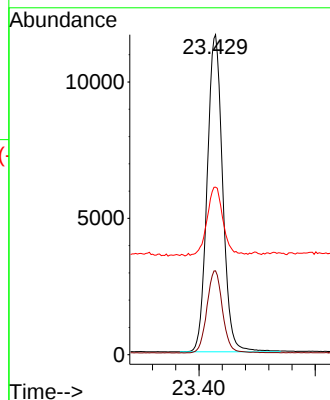
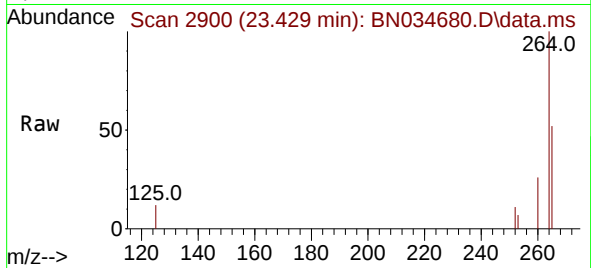


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.429 min Scan# 2900  
Delta R.T. -0.003 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

Tgt Ion:264 Resp: 21537

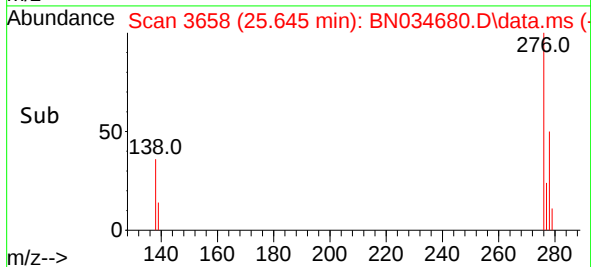
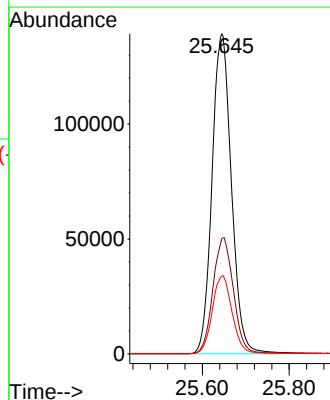
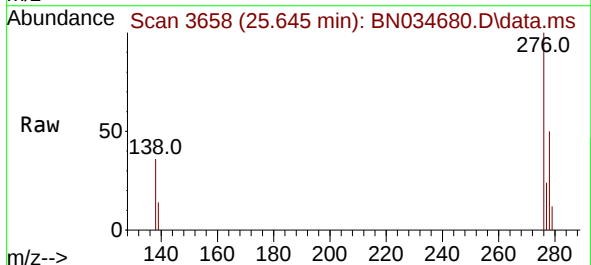
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.2  | 20.9  | 31.3  |
| 265 | 52.4  | 41.7  | 62.5  |

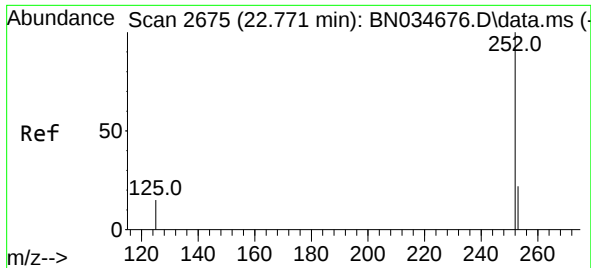


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 5.156 ng  
RT: 25.645 min Scan# 3658  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

Tgt Ion:276 Resp: 431447

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 38.2  | 30.7  | 46.1  |
| 277 | 24.8  | 19.6  | 29.4  |

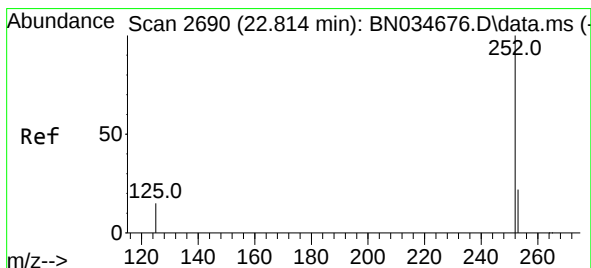
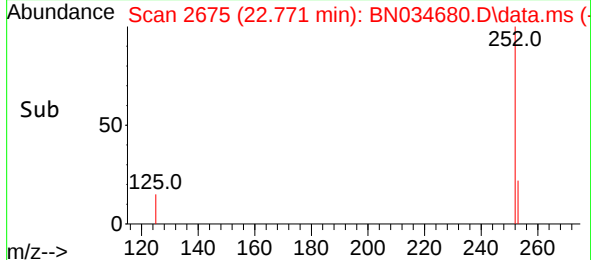
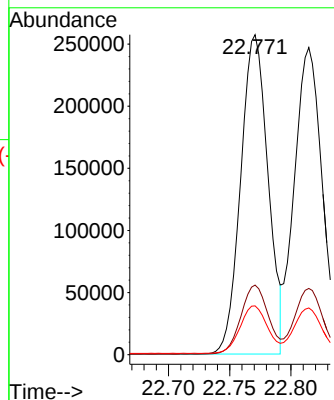
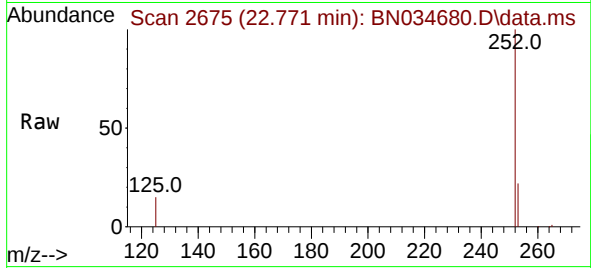




#37  
Benzo(b)fluoranthene  
Concen: 5.197 ng  
RT: 22.771 min Scan# 2675  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

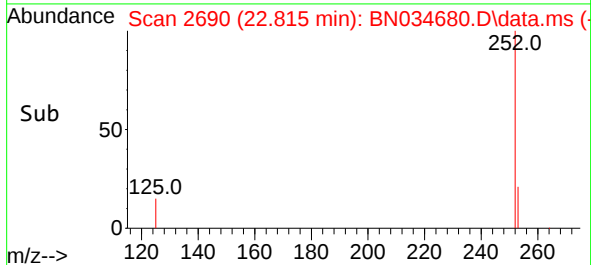
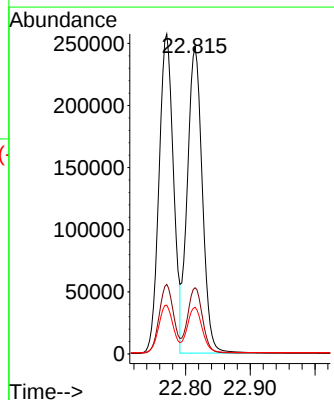
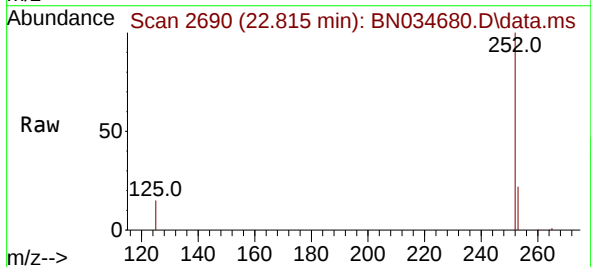
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

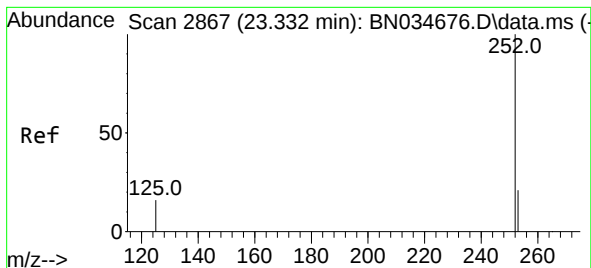
Tgt Ion:252 Resp: 398892  
Ion Ratio Lower Upper  
252 100  
253 21.7 19.4 29.0  
125 15.3 16.3 24.5#



#38  
Benzo(k)fluoranthene  
Concen: 5.259 ng  
RT: 22.815 min Scan# 2690  
Delta R.T. 0.000 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

Tgt Ion:252 Resp: 396032  
Ion Ratio Lower Upper  
252 100  
253 21.6 19.5 29.3  
125 15.2 16.6 24.8#





#39

Benzo(a)pyrene

Concen: 5.277 ng

RT: 23.332 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN034680.D

Acq: 22 Oct 2024 16:03

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

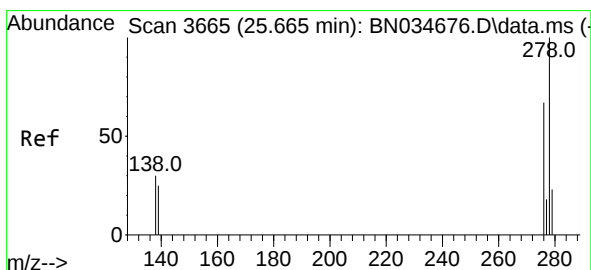
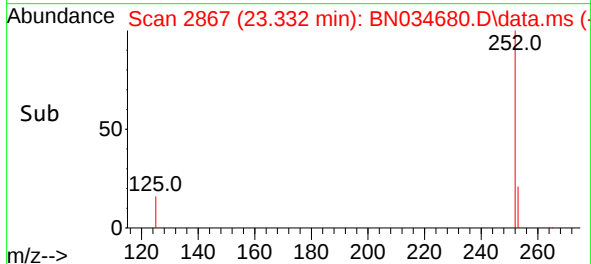
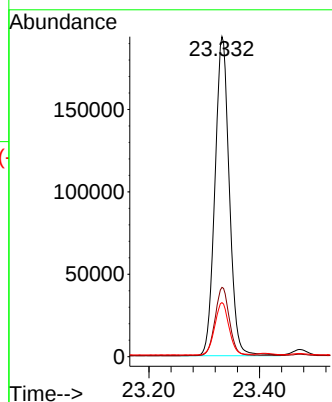
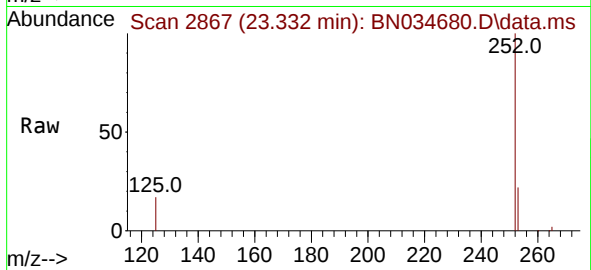
Tgt Ion:252 Resp: 348663

Ion Ratio Lower Upper

252 100

253 21.7 20.2 30.4

125 16.9 19.1 28.7#



#40

Dibenzo(a,h)anthracene

Concen: 5.149 ng

RT: 25.662 min Scan# 3664

Delta R.T. -0.003 min

Lab File: BN034680.D

Acq: 22 Oct 2024 16:03

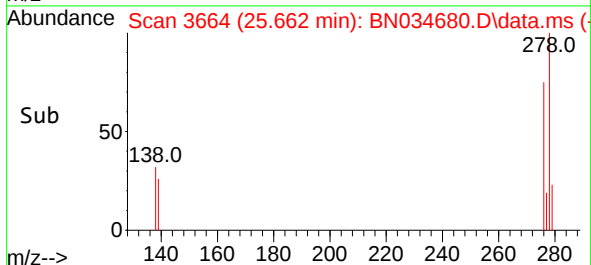
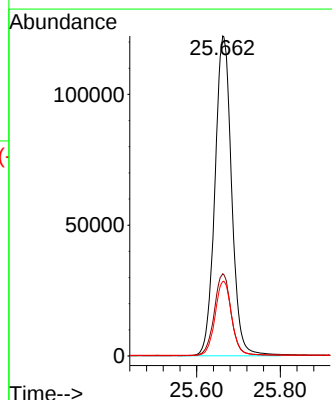
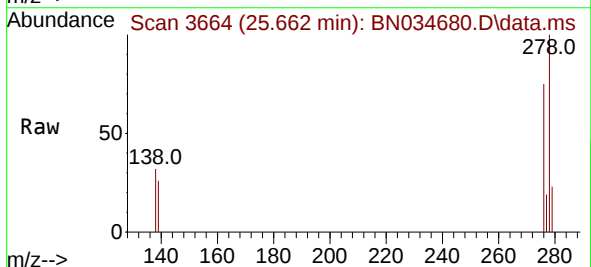
Tgt Ion:278 Resp: 338482

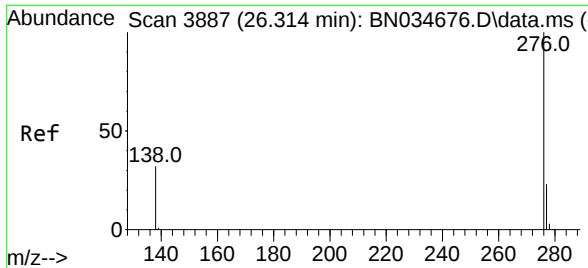
Ion Ratio Lower Upper

278 100

139 25.7 21.8 32.8

279 23.2 20.6 31.0





#41  
Benzo(g,h,i)perylene  
Concen: 5.069 ng  
RT: 26.311 min Scan# 3886  
Delta R.T. -0.003 min  
Lab File: BN034680.D  
Acq: 22 Oct 2024 16:03

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

Tgt Ion:276 Resp: 367117  
Ion Ratio Lower Upper  
276 100  
277 23.7 20.0 30.0  
138 33.1 27.1 40.7

