

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030524\  
 Data File : BN030278.D  
 Acq On : 05 Mar 2024 19:24  
 Operator : MA/JU  
 Sample : SP6443  
 Misc : 8270 SIM SPIKE  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP6443

Quant Time: Mar 06 01:32:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN030524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 05 17:44:16 2024  
 Response via : Initial Calibration

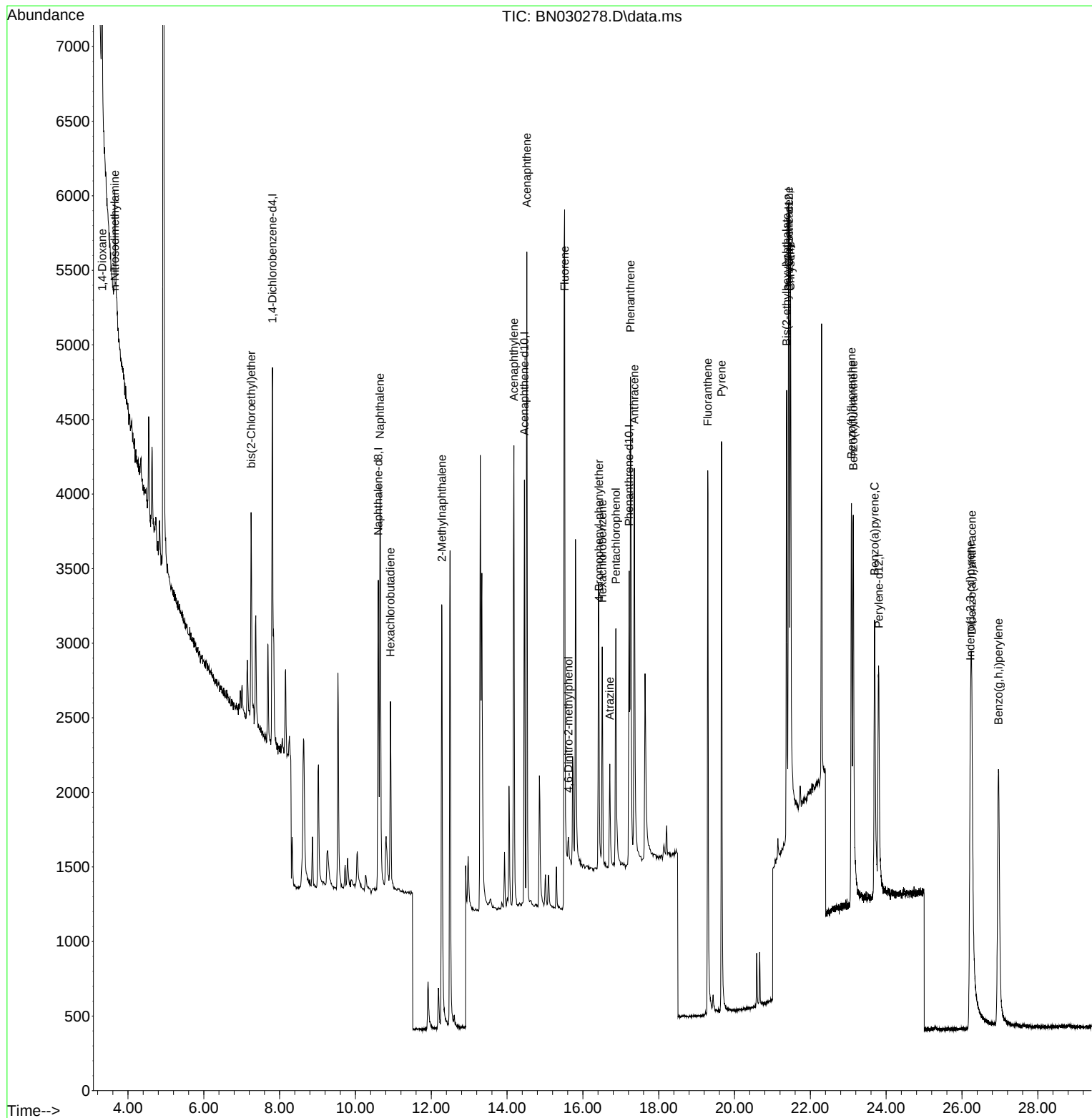
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.811  | 152  | 1347     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.605 | 136  | 3339     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.458 | 164  | 1636     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.218 | 188  | 3077     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.438 | 240  | 2285     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.806 | 264  | 2682     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 0.000  | 112  | 0d       | 0.000 | ng    |          |
| 5) Phenol-d6                  | 0.000  | 99   | 0d       | 0.000 | ng    |          |
| 8) Nitrobenzene-d5            | 0.000  | 82   | 0d       | 0.000 | ng    |          |
| 11) 2-Methylnaphthalene-d10   | 0.000  | 152  | 0d       | 0.000 | ng    |          |
| 14) 2,4,6-Tribromophenol      | 0.000  | 330  | 0d       | 0.000 | ng    |          |
| 15) 2-Fluorobiphenyl          | 0.000  | 172  | 0d       | 0.000 | ng    |          |
| 27) Fluoranthene-d10          | 0.000  | 212  | 0d       | 0.000 | ng    |          |
| 31) Terphenyl-d14             | 0.000  | 244  | 0d       | 0.000 | ng    |          |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.319  | 88   | 721      | 0.413 | ng    | # 59     |
| 3) n-Nitrosodimethylamine     | 3.651  | 42   | 778      | 0.422 | ng    | # 95     |
| 6) bis(2-Chloroethyl)ether    | 7.248  | 93   | 1285     | 0.436 | ng    | 96       |
| 9) Naphthalene                | 10.648 | 128  | 4138     | 0.444 | ng    | 97       |
| 10) Hexachlorobutadiene       | 10.925 | 225  | 936      | 0.440 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.280 | 142  | 2527     | 0.439 | ng    | 97       |
| 16) Acenaphthylene            | 14.180 | 152  | 3822     | 0.484 | ng    | 99       |
| 17) Acenaphthene              | 14.522 | 154  | 2259     | 0.443 | ng    | 100      |
| 18) Fluorene                  | 15.518 | 166  | 2645     | 0.431 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.617 | 198  | 229      | 0.359 | ng    | 89       |
| 21) 4-Bromophenyl-phenylether | 16.424 | 248  | 835      | 0.444 | ng    | # 68     |
| 22) Hexachlorobenzene         | 16.511 | 284  | 1021     | 0.470 | ng    | 100      |
| 23) Atrazine                  | 16.709 | 200  | 730      | 0.438 | ng    | 94       |
| 24) Pentachlorophenol         | 16.871 | 266  | 969      | 0.855 | ng    | 95       |
| 25) Phenanthrene              | 17.256 | 178  | 3980     | 0.452 | ng    | 99       |
| 26) Anthracene                | 17.355 | 178  | 3577     | 0.442 | ng    | 99       |
| 28) Fluoranthene              | 19.294 | 202  | 4239     | 0.395 | ng    | 100      |
| 30) Pyrene                    | 19.657 | 202  | 4314     | 0.450 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.429 | 228  | 3553     | 0.443 | ng    | 100      |
| 33) Chrysene                  | 21.474 | 228  | 3847     | 0.444 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.376 | 149  | 2536     | 0.397 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.224 | 276  | 5490     | 0.489 | ng    | # 85     |
| 37) Benzo(b)fluoranthene      | 23.084 | 252  | 3822     | 0.408 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 23.134 | 252  | 4129     | 0.434 | ng    | 97       |
| 39) Benzo(a)pyrene            | 23.695 | 252  | 3912     | 0.473 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.259 | 278  | 4259     | 0.482 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.964 | 276  | 4650     | 0.457 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

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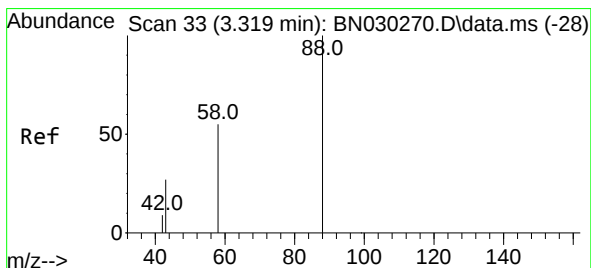
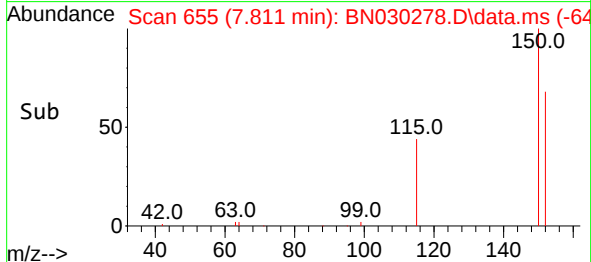
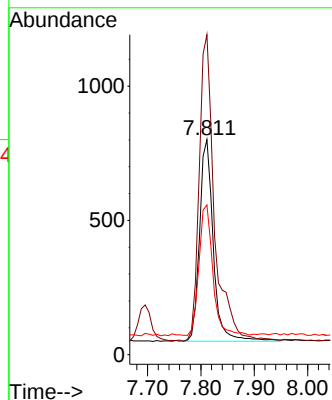
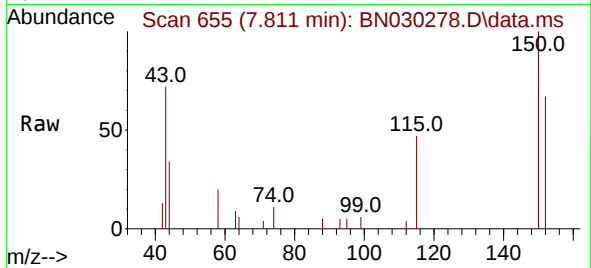




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.811 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

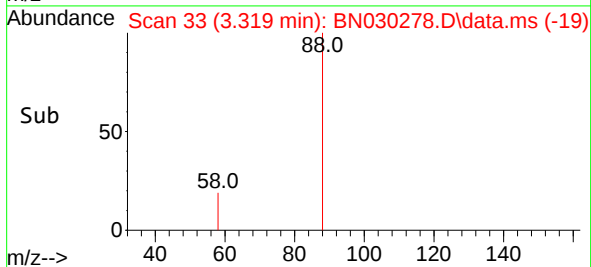
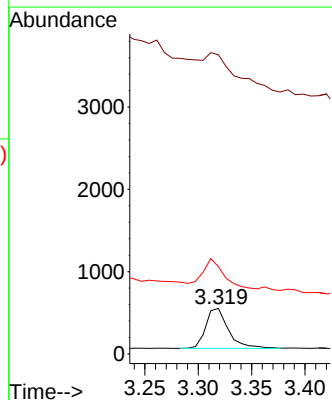
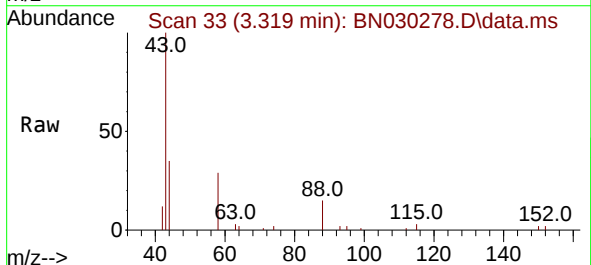
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP6443

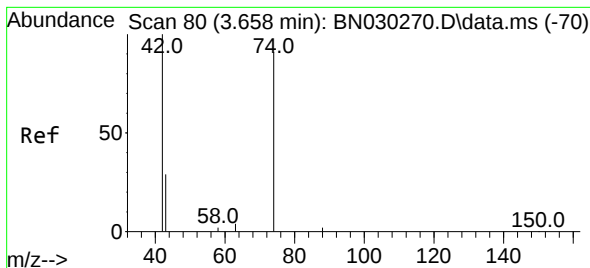
Tgt Ion: 152 Resp: 1347  
 Ion Ratio Lower Upper  
 152 100  
 150 148.8 119.4 179.0  
 115 69.7 56.9 85.3



#2  
 1,4-Dioxane  
 Concen: 0.413 ng  
 RT: 3.319 min Scan# 33  
 Delta R.T. 0.000 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

Tgt Ion: 88 Resp: 721  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 23.8 35.8#  
 58 82.9 46.2 69.4#





#3

n-Nitrosodimethylamine

Concen: 0.422 ng

RT: 3.651 min Scan# 79

Delta R.T. -0.007 min

Lab File: BN030278.D

Acq: 05 Mar 2024 19:24

Instrument :

BNA\_N

ClientSampleId :

SP6443

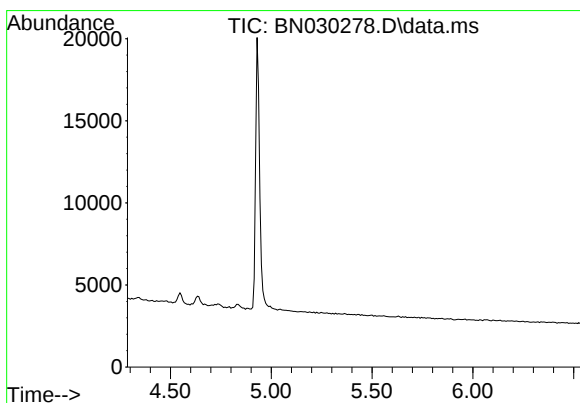
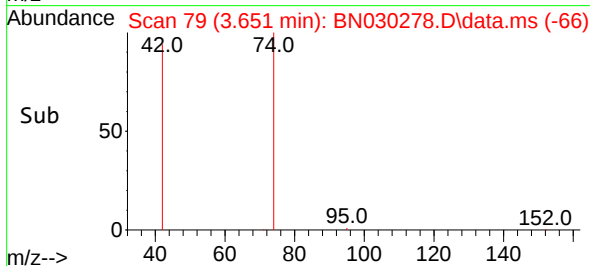
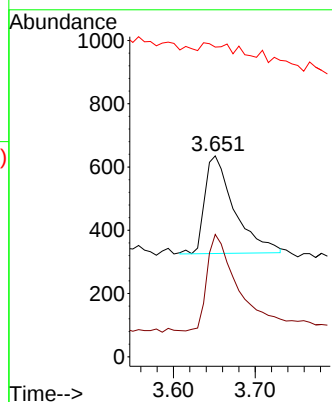
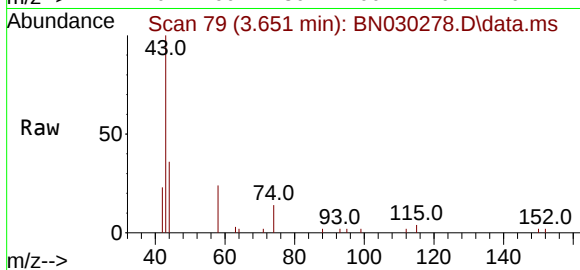
Tgt Ion: 42 Resp: 778

Ion Ratio Lower Upper

42 100

74 104.6 79.4 119.0

44 21.7 0.0 0.0#



#4

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.38 min

Lab File: BN030278.D

Acq: 05 Mar 2024 19:24

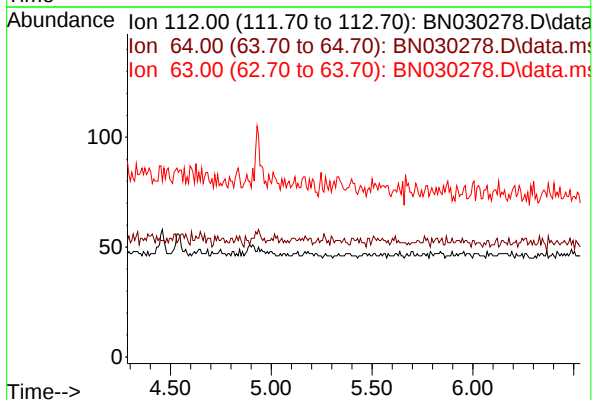
Tgt Ion: 112

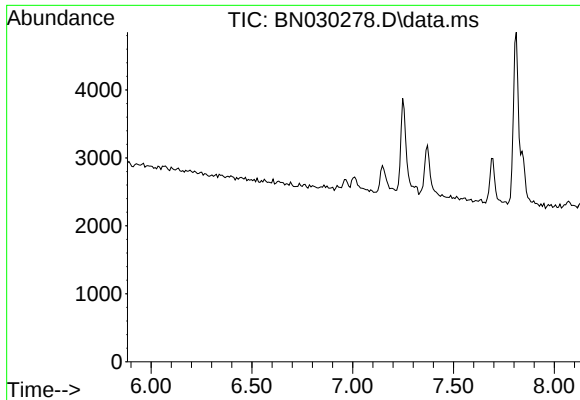
Sig Exp Ratio

112 100

64 52.3

63 33.9



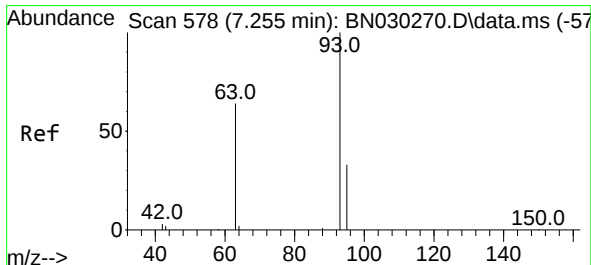
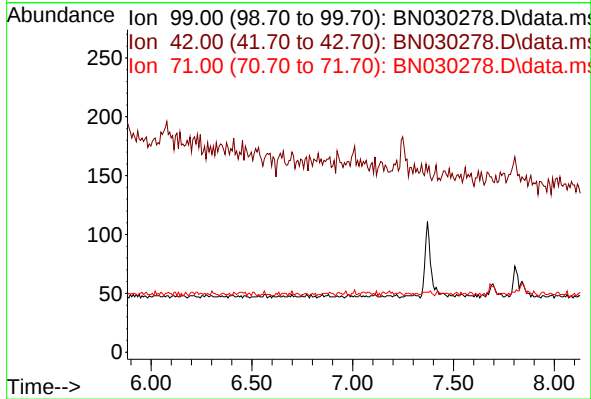


#5  
 Phenol-d6  
 Concen: 0.000 ng  
 Expected RT: 6.98 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP6443

Tgt Ion: 99  

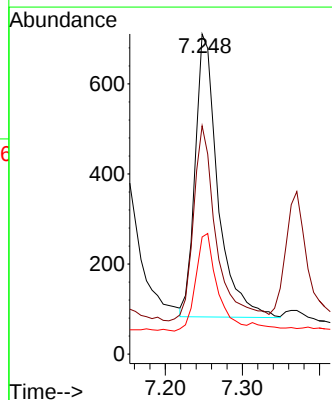
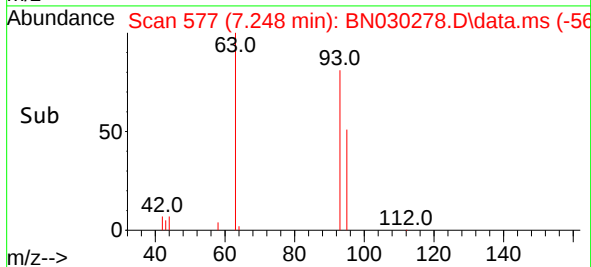
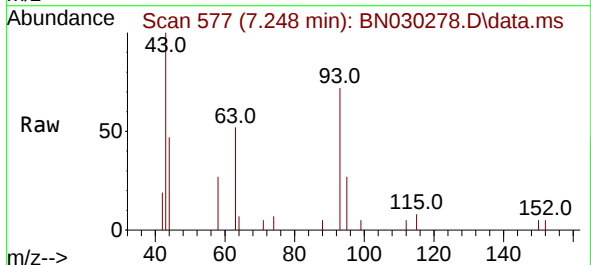
| Sig | Exp Ratio |
|-----|-----------|
| 99  | 100       |
| 42  | 23.8      |
| 71  | 45.0      |

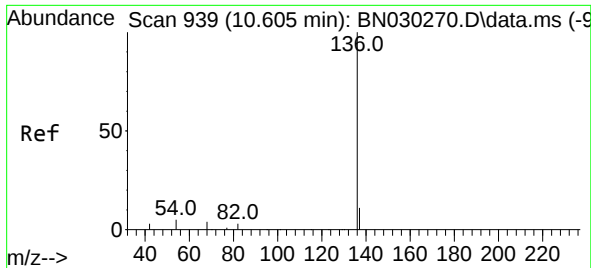


#6  
 bis(2-Chloroethyl)ether  
 Concen: 0.436 ng  
 RT: 7.248 min Scan# 577  
 Delta R.T. -0.007 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

Tgt Ion: 93 Resp: 1285  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 69.5  | 57.7  | 86.5  |
| 95  | 33.0  | 28.6  | 43.0  |

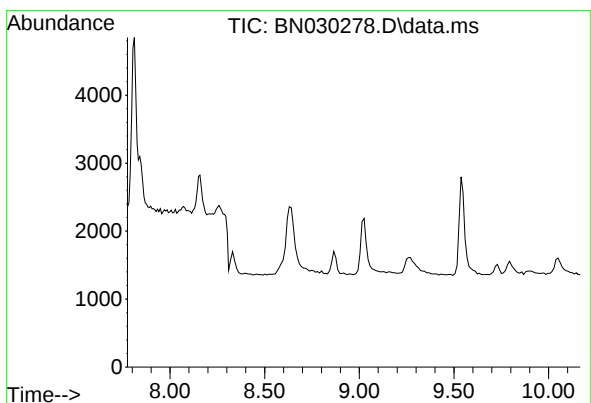
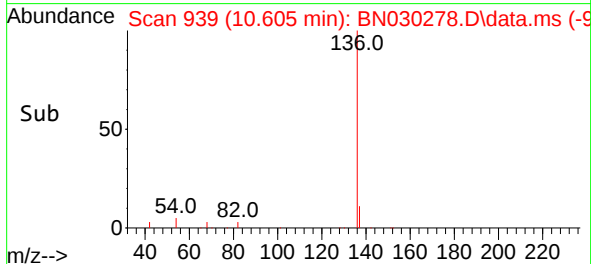
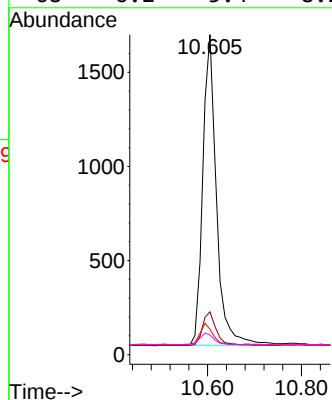
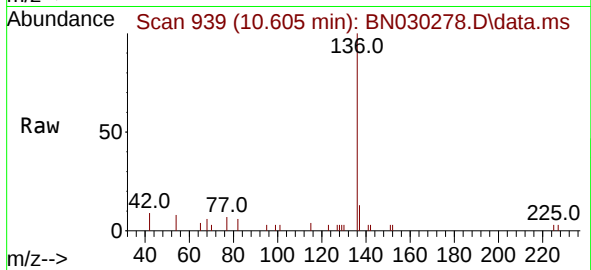




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.605 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

Instrument :  
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ClientSampleId :  
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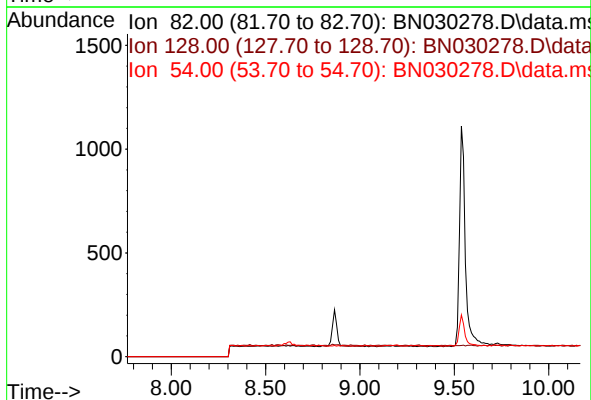
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 3339  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.4  | 10.5  | 15.7  |
| 54       | 7.9   | 6.4   | 9.6   |
| 68       | 6.2   | 5.4   | 8.2   |

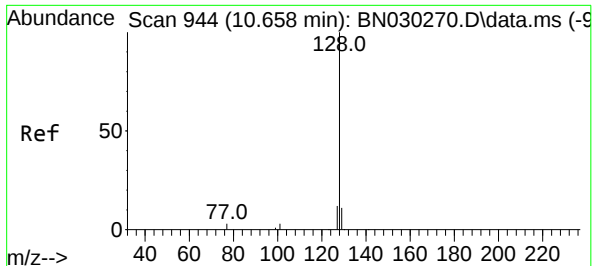


#8  
Nitrobenzene-d5  
Concen: 0.000 ng  
Expected RT: 8.97 min

Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

|          |           |
|----------|-----------|
| Tgt Ion: | 82        |
| Sig      | Exp Ratio |
| 82       | 100       |
| 128      | 40.2      |
| 54       | 59.1      |

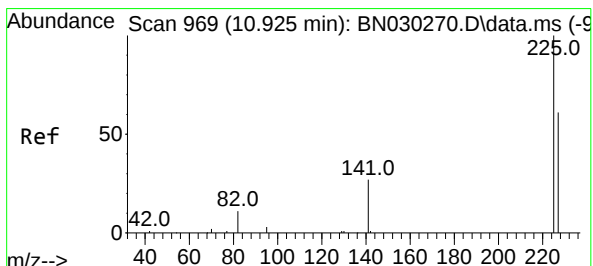
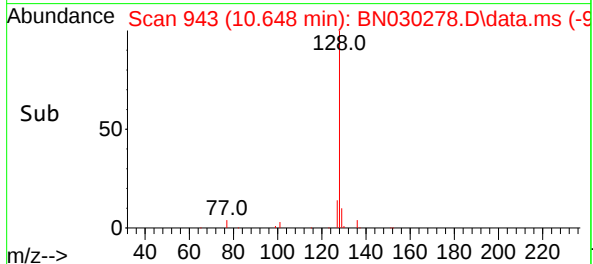
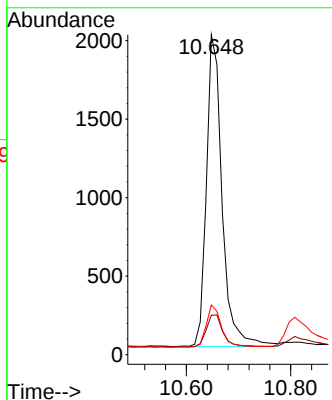
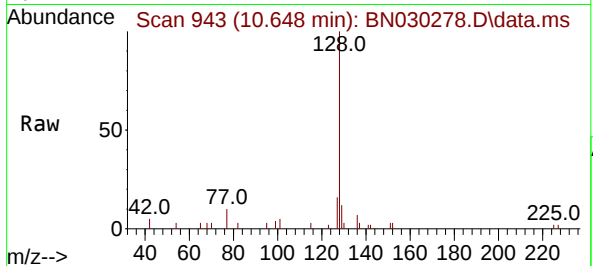




#9  
Naphthalene  
Concen: 0.444 ng  
RT: 10.648 min Scan# 944  
Delta R.T. -0.011 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

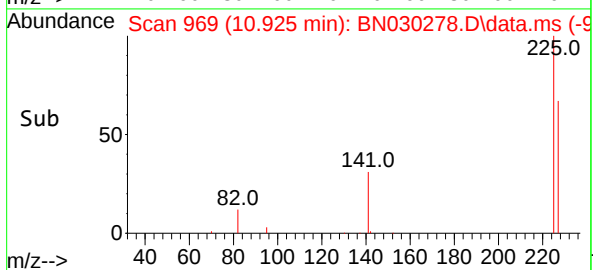
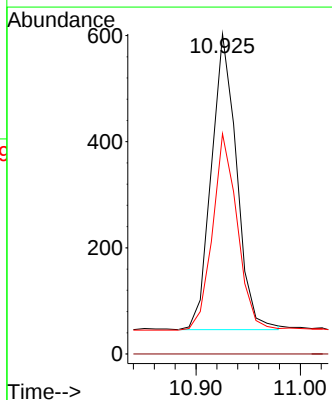
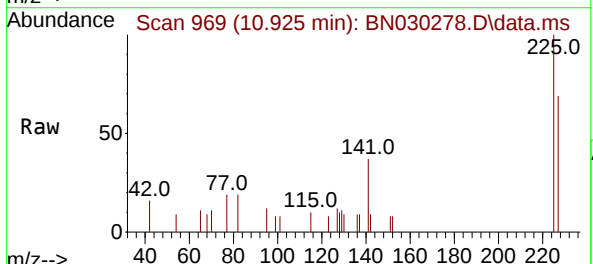
Instrument :  
BNA\_N  
ClientSampleId :  
SP6443

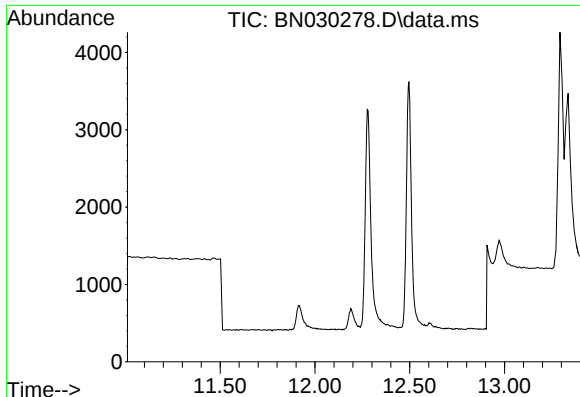
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 4138  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 12.3  | 10.8  | 16.2  |
| 127      | 15.6  | 11.7  | 17.5  |



#10  
Hexachlorobutadiene  
Concen: 0.440 ng  
RT: 10.925 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 936   |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 65.1  | 50.6  | 76.0  |

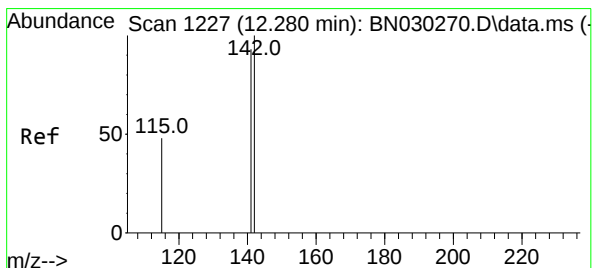
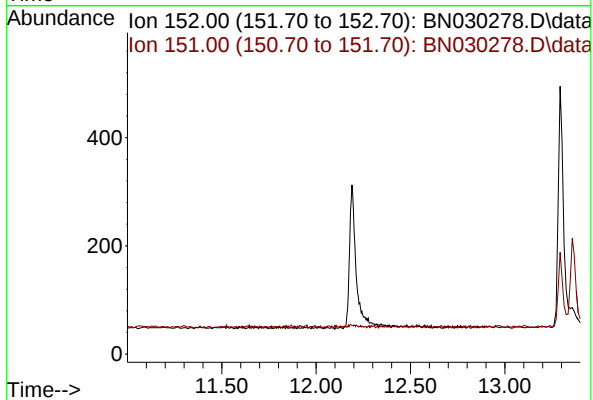




#11  
2-Methylnaphthalene-d10  
Concen: 0.000 ng  
Expected RT: 12.20 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

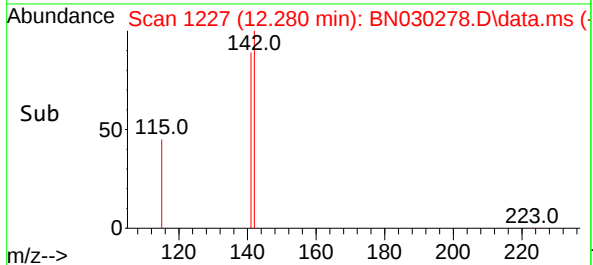
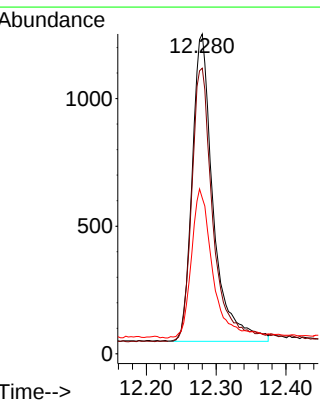
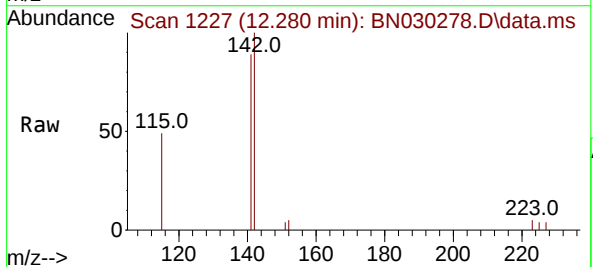
Instrument :  
BNA\_N  
ClientSampleId :  
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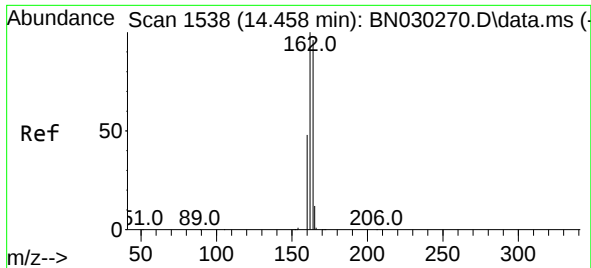
Tgt Ion: 152  
Sig Exp Ratio  
152 100  
151 20.9



#12  
2-Methylnaphthalene  
Concen: 0.439 ng  
RT: 12.280 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

Tgt Ion:142 Resp: 2527  
Ion Ratio Lower Upper  
142 100  
141 89.3 74.2 111.4  
115 48.7 40.7 61.1

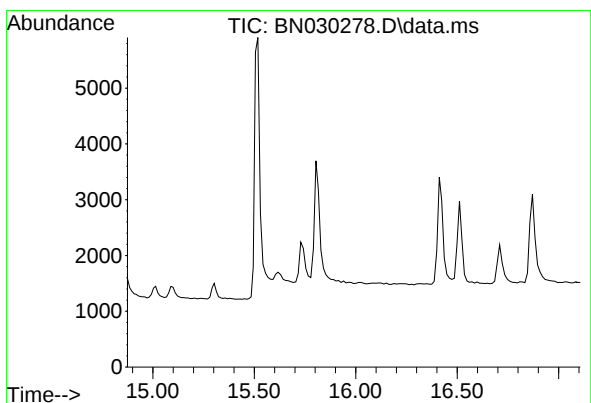
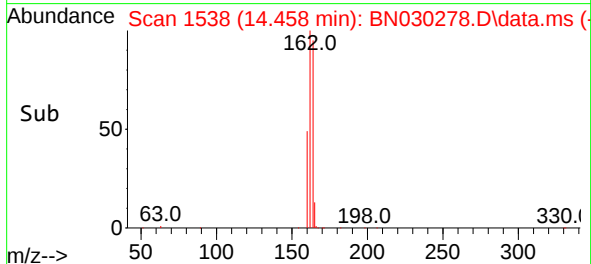
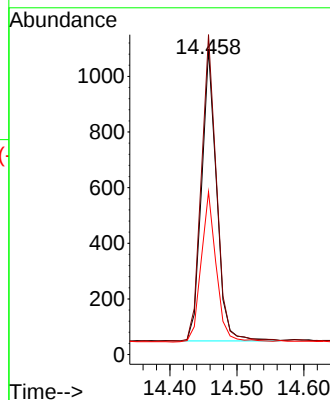
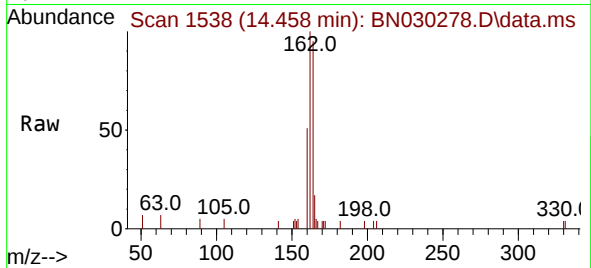




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.458 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

Instrument :  
BNA\_N  
ClientSampleId :  
SP6443

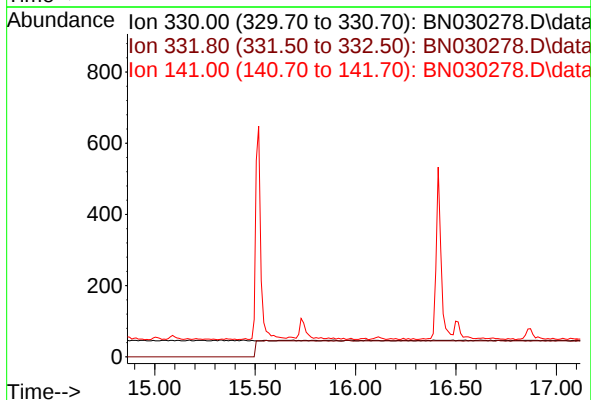
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Ion Ratio Lower Upper  
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160 53.3 41.7 62.5

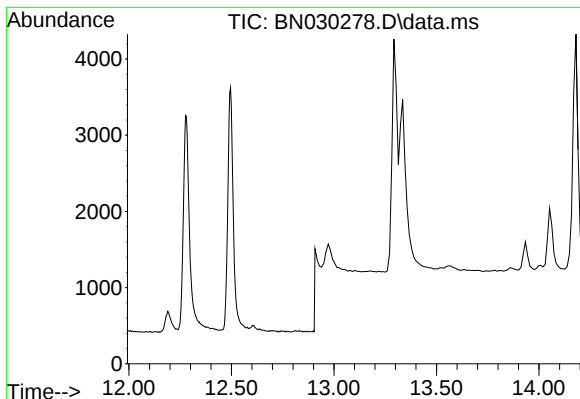


#14  
2,4,6-Tribromophenol  
Concen: 0.000 ng  
Expected RT: 15.96 min

Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

Tgt Ion: 330  
Sig Exp Ratio  
330 100  
332 90.7  
141 51.6



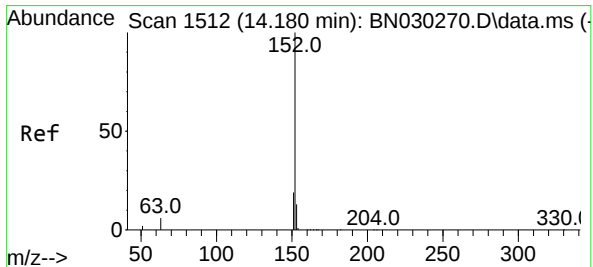
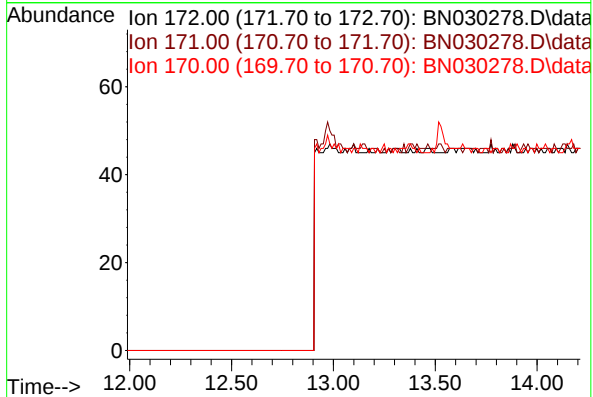


#15  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 13.09 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP6443

Tgt Ion: 172  

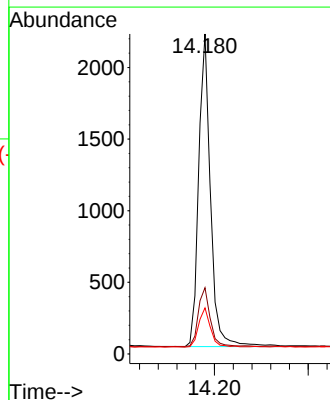
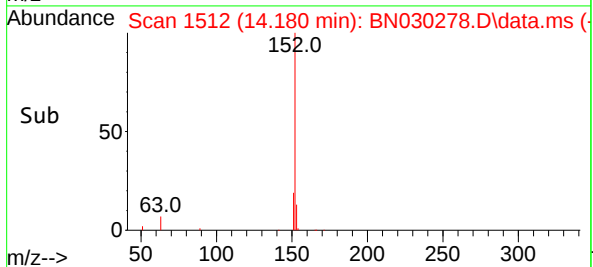
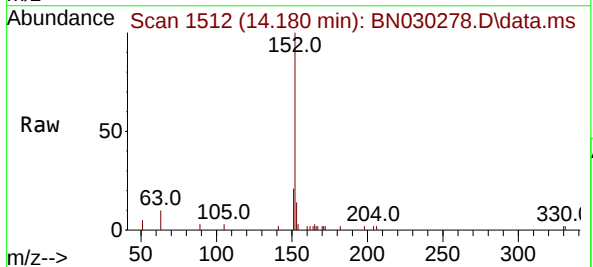
| Sig | Exp Ratio |
|-----|-----------|
| 172 | 100       |
| 171 | 36.2      |
| 170 | 25.2      |

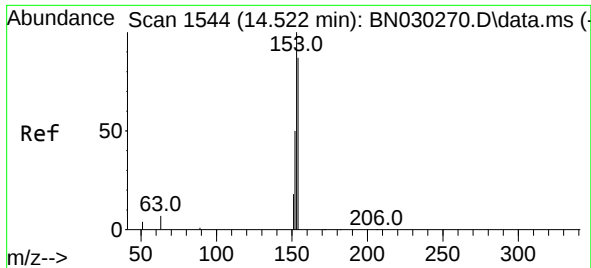


#16  
 Acenaphthylene  
 Concen: 0.484 ng  
 RT: 14.180 min Scan# 1512  
 Delta R.T. 0.000 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

Tgt Ion: 152 Resp: 3822  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.6  | 16.1  | 24.1  |
| 153 | 12.5  | 10.3  | 15.5  |

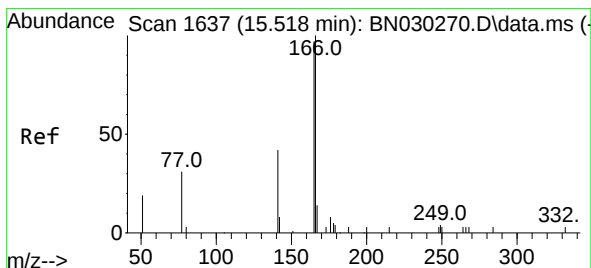
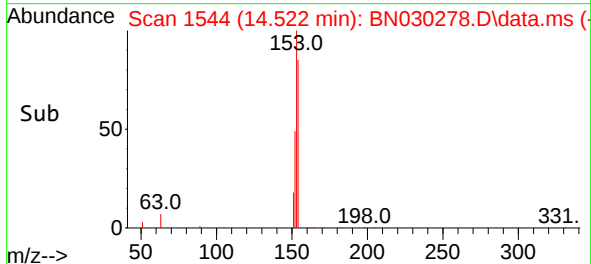
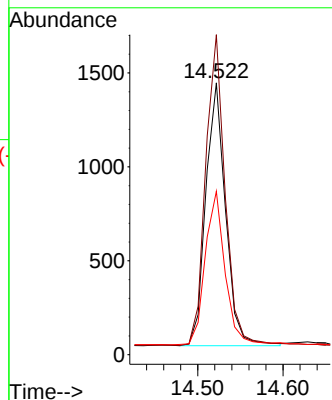
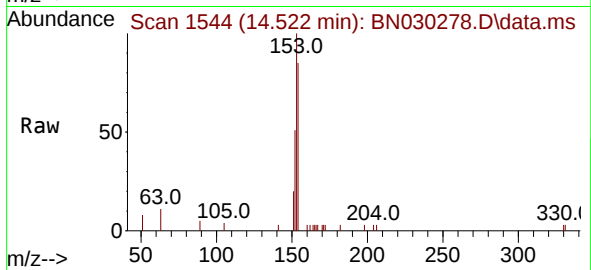




#17  
Acenaphthene  
Concen: 0.443 ng  
RT: 14.522 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

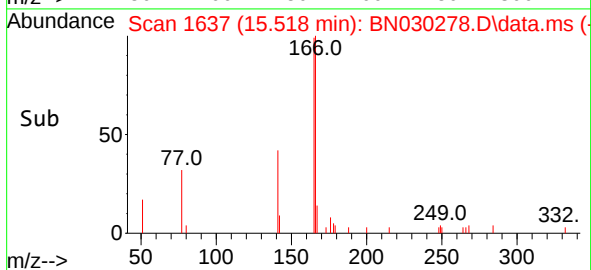
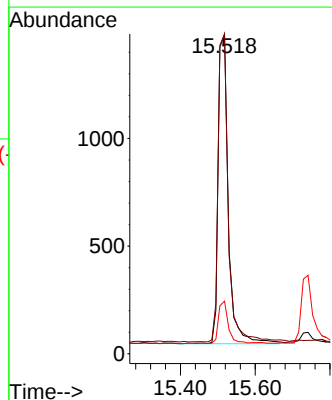
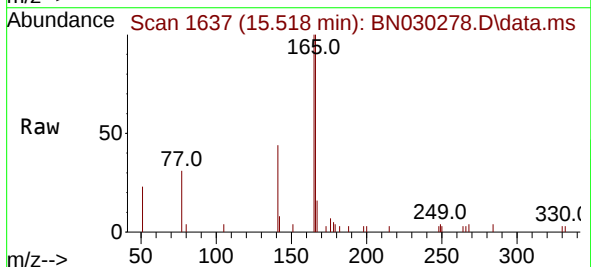
Instrument :  
BNA\_N  
ClientSampleId :  
SP6443

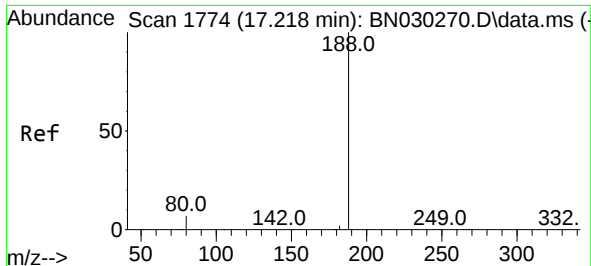
Tgt Ion:154 Resp: 2259  
Ion Ratio Lower Upper  
154 100  
153 116.5 92.9 139.3  
152 59.1 47.3 70.9



#18  
Fluorene  
Concen: 0.431 ng  
RT: 15.518 min Scan# 1637  
Delta R.T. 0.000 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

Tgt Ion:166 Resp: 2645  
Ion Ratio Lower Upper  
166 100  
165 99.9 79.9 119.9  
167 13.4 11.0 16.4

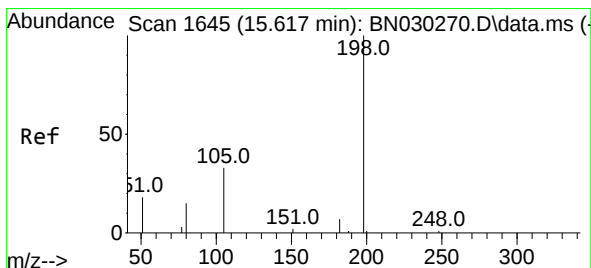
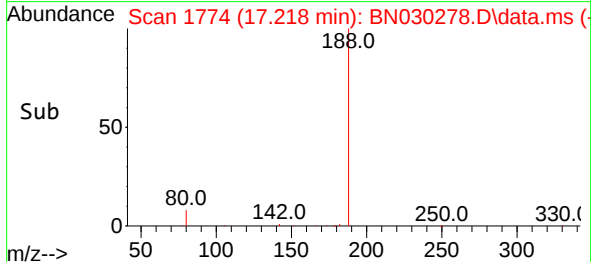
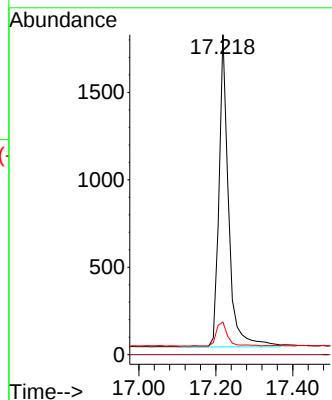
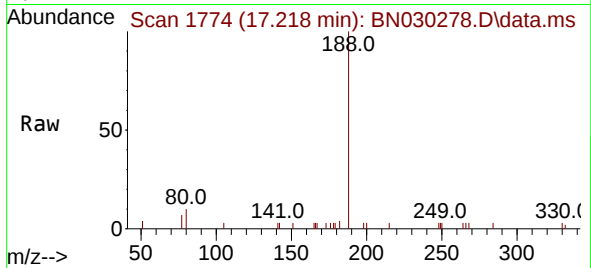




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.218 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

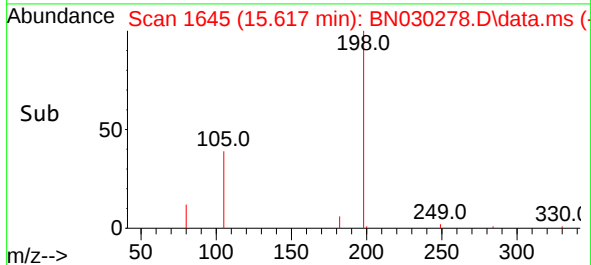
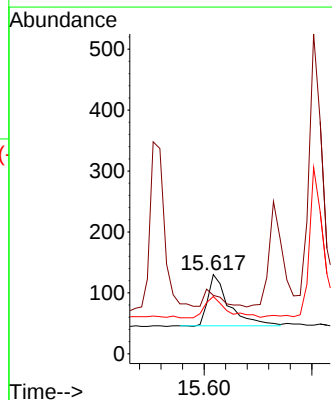
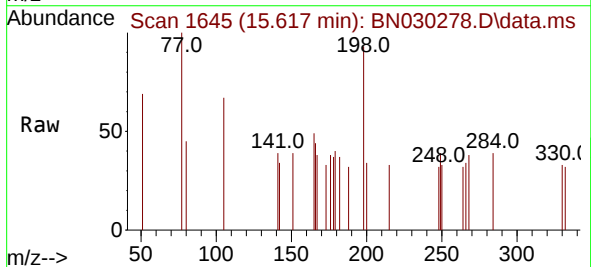
Instrument :  
BNA\_N  
ClientSampleId :  
SP6443

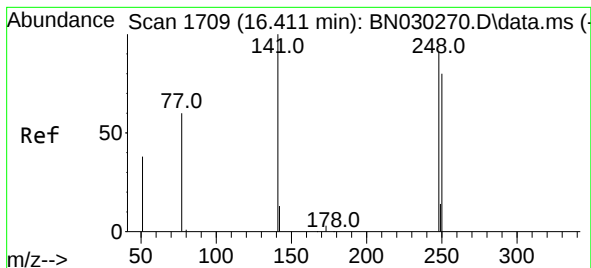
Tgt Ion:188 Resp: 3077  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.2 7.8 11.6



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.359 ng  
RT: 15.617 min Scan# 1645  
Delta R.T. 0.000 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

Tgt Ion:198 Resp: 229  
Ion Ratio Lower Upper  
198 100  
51 73.8 67.4 101.2  
105 72.3 50.8 76.2

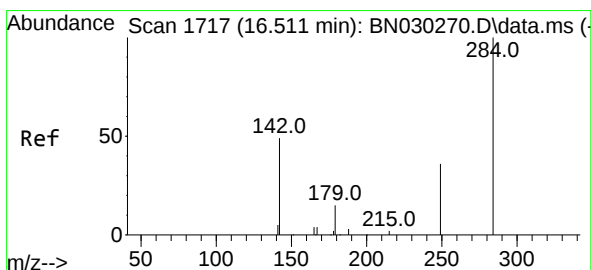
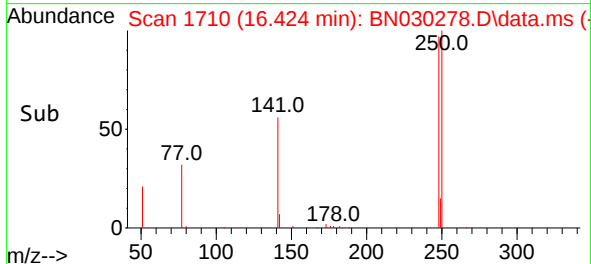
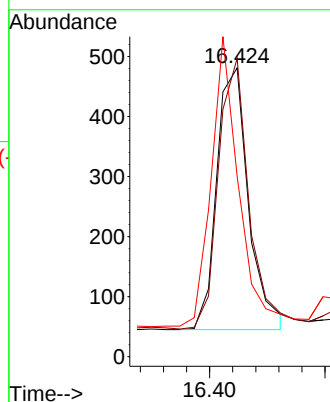
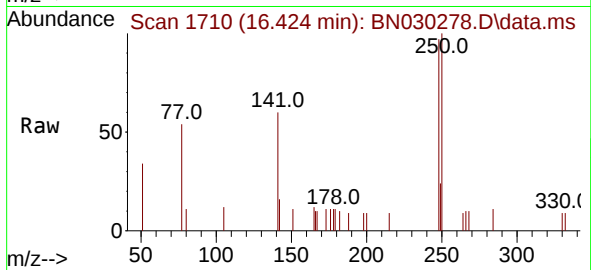




#21  
4-Bromophenyl-phenylether  
Concen: 0.444 ng  
RT: 16.424 min Scan# 1710  
Delta R.T. 0.013 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

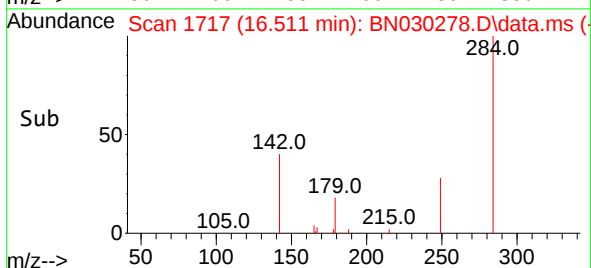
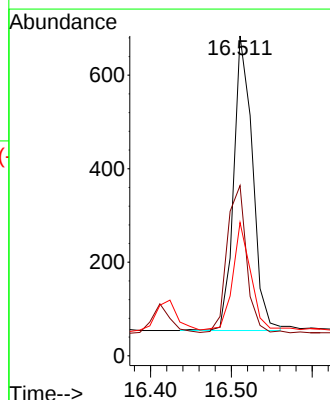
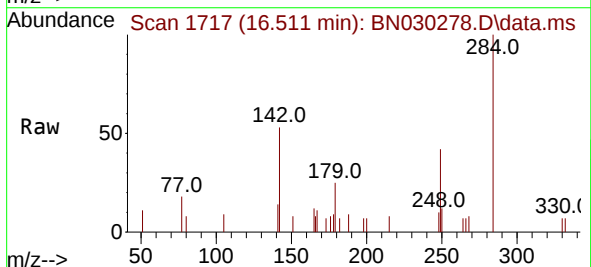
Instrument :  
BNA\_N  
ClientSampleId :  
SP6443

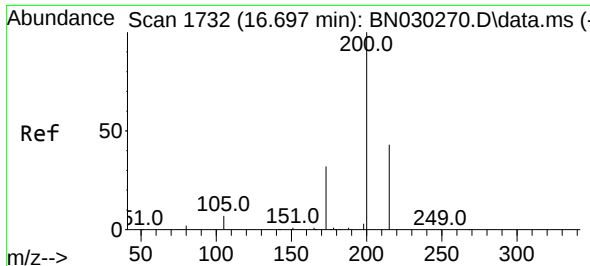
Tgt Ion:248 Resp: 835  
Ion Ratio Lower Upper  
248 100  
250 103.3 71.3 106.9  
141 62.4 88.0 132.0#



#22  
Hexachlorobenzene  
Concen: 0.470 ng  
RT: 16.511 min Scan# 1717  
Delta R.T. 0.000 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

Tgt Ion:284 Resp: 1021  
Ion Ratio Lower Upper  
284 100  
142 51.2 41.0 61.6  
249 34.4 27.4 41.2

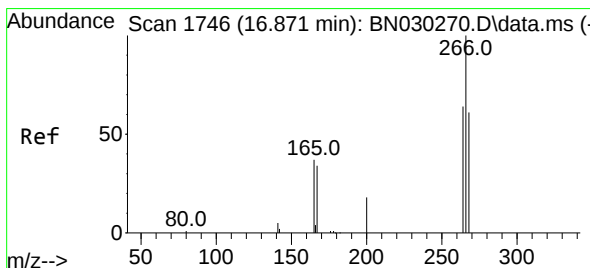
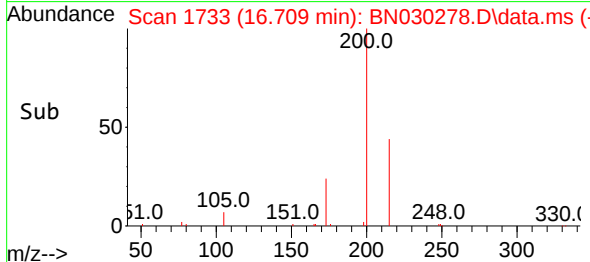
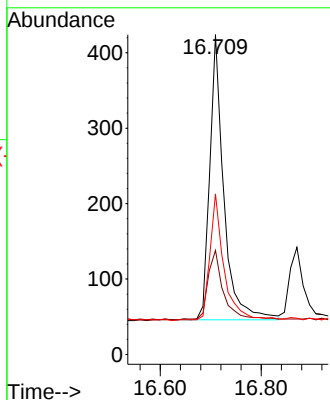
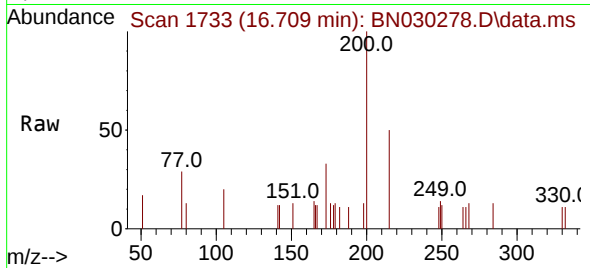




#23  
 Atrazine  
 Concen: 0.438 ng  
 RT: 16.709 min Scan# 1733  
 Delta R.T. 0.013 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

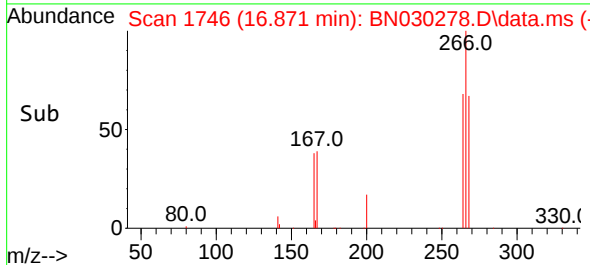
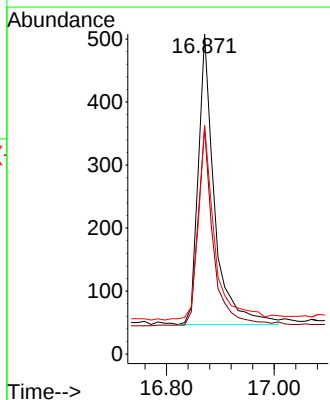
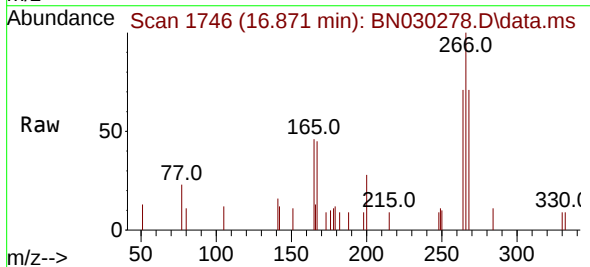
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP6443

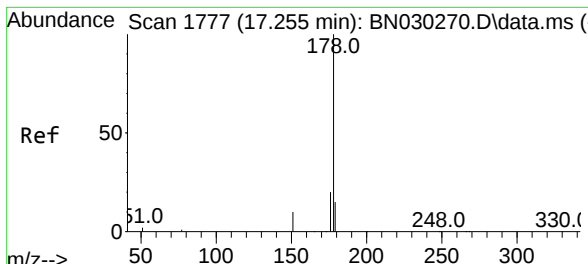
Tgt Ion:200 Resp: 730  
 Ion Ratio Lower Upper  
 200 100  
 173 32.5 30.8 46.2  
 215 50.2 38.7 58.1



#24  
 Pentachlorophenol  
 Concen: 0.855 ng  
 RT: 16.871 min Scan# 1746  
 Delta R.T. 0.000 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

Tgt Ion:266 Resp: 969  
 Ion Ratio Lower Upper  
 266 100  
 264 63.1 49.1 73.7  
 268 68.0 49.2 73.8

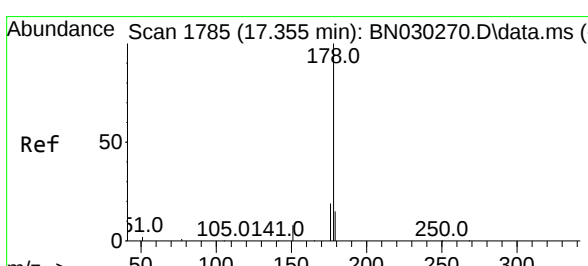
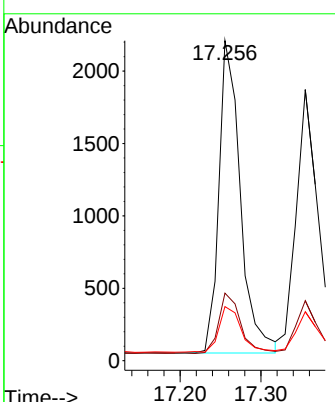
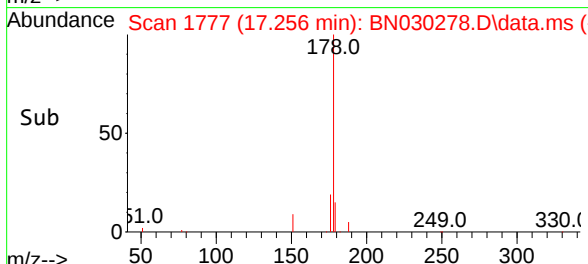
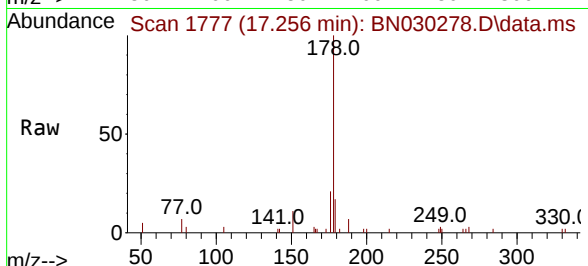




#25  
 Phenanthrene  
 Concen: 0.452 ng  
 RT: 17.256 min Scan# 1777  
 Delta R.T. 0.000 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

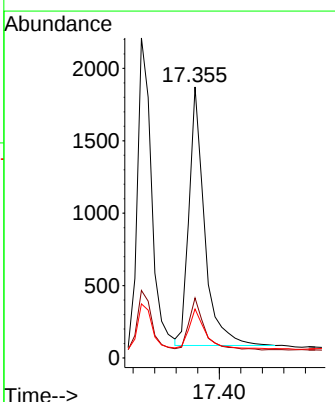
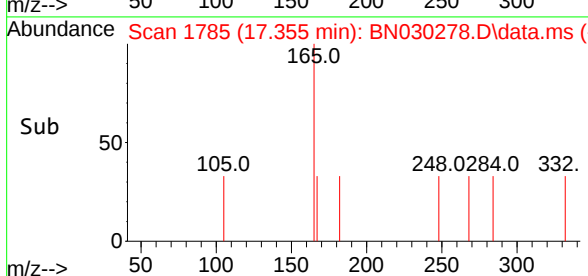
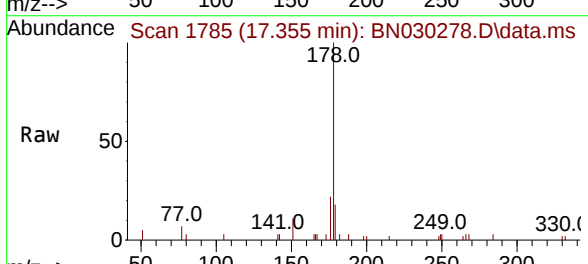
Instrument : BNA\_N  
 ClientSampleId : SP6443

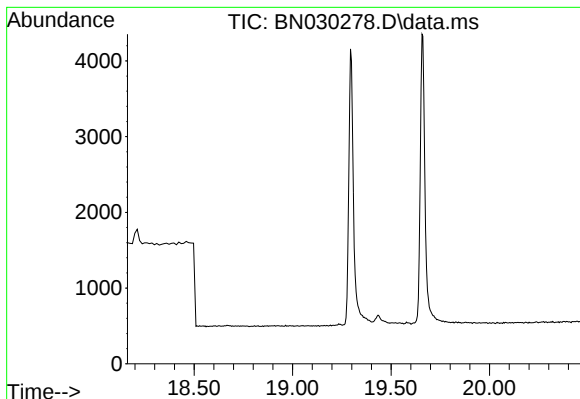
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 3980 |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 19.7  | 16.0  | 24.0 |
| 179       | 15.2  | 12.4  | 18.6 |



#26  
 Anthracene  
 Concen: 0.442 ng  
 RT: 17.355 min Scan# 1785  
 Delta R.T. 0.000 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 3577 |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 19.6  | 15.3  | 22.9 |
| 179       | 15.9  | 12.5  | 18.7 |



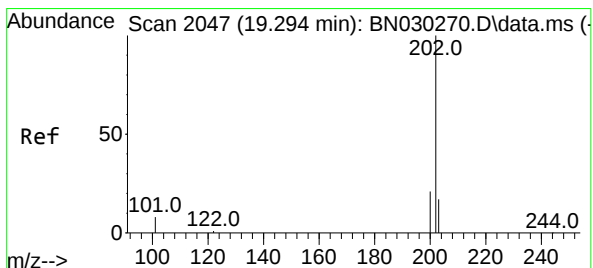
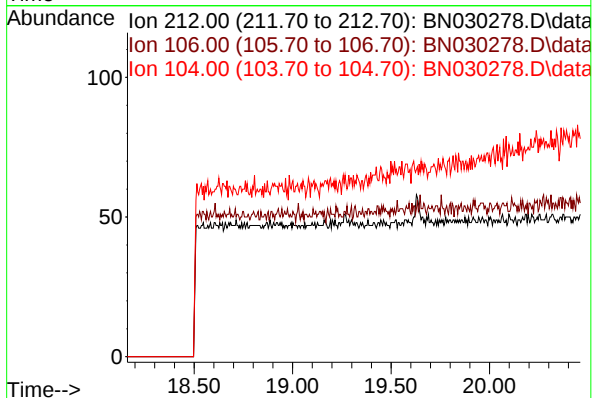


#27  
 Fluoranthene-d10  
 Concen: 0.000 ng  
 Expected RT: 19.26 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP6443

Tgt Ion: 212  

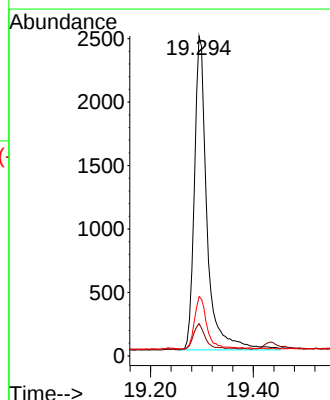
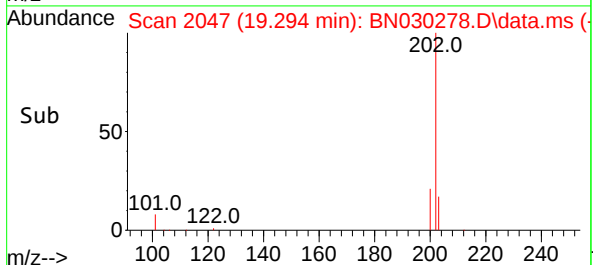
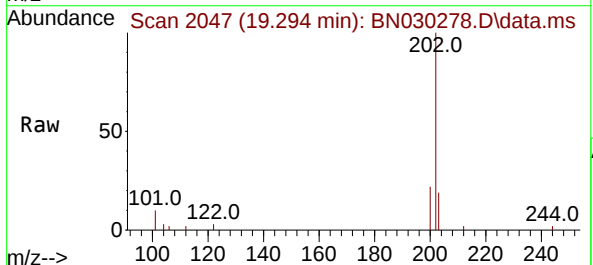
| Sig | Exp Ratio |
|-----|-----------|
| 212 | 100       |
| 106 | 10.3      |
| 104 | 5.9       |

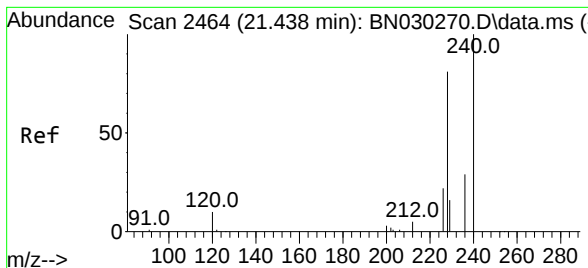


#28  
 Fluoranthene  
 Concen: 0.395 ng  
 RT: 19.294 min Scan# 2047  
 Delta R.T. 0.000 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

Tgt Ion: 202 Resp: 4239  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 8.0   | 6.3   | 9.5   |
| 203 | 16.5  | 13.4  | 20.0  |





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.438 min Scan# 2464

Delta R.T. 0.000 min

Lab File: BN030278.D

Acq: 05 Mar 2024 19:24

Instrument :

BNA\_N

ClientSampleId :

SP6443

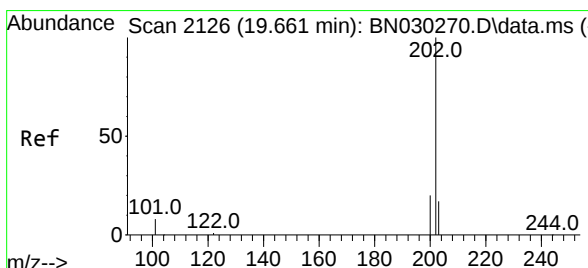
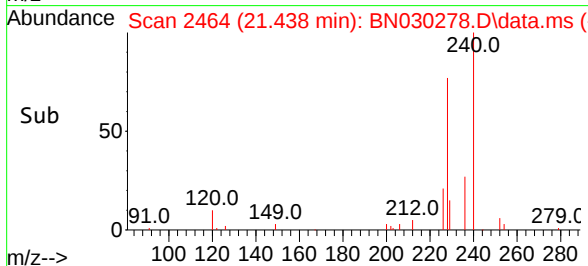
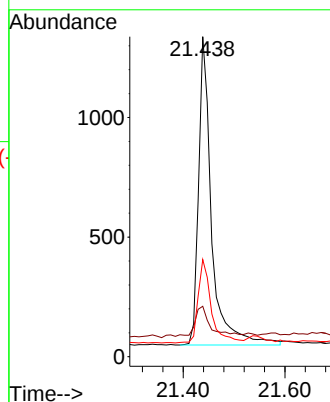
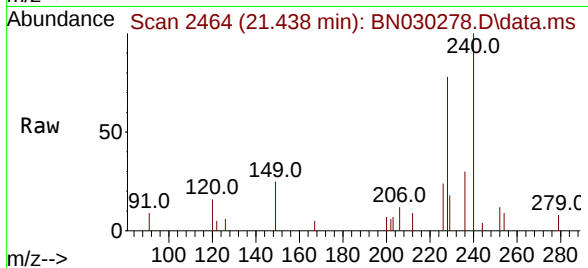
Tgt Ion:240 Resp: 2285

Ion Ratio Lower Upper

240 100

120 15.8 12.2 18.2

236 30.3 25.2 37.8



#30

Pyrene

Concen: 0.450 ng

RT: 19.657 min Scan# 2125

Delta R.T. -0.005 min

Lab File: BN030278.D

Acq: 05 Mar 2024 19:24

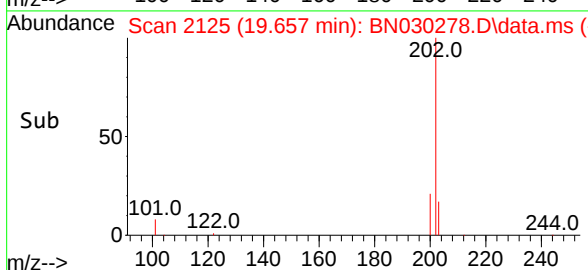
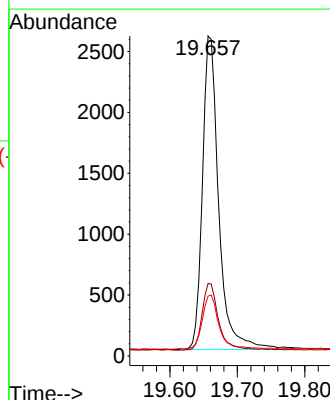
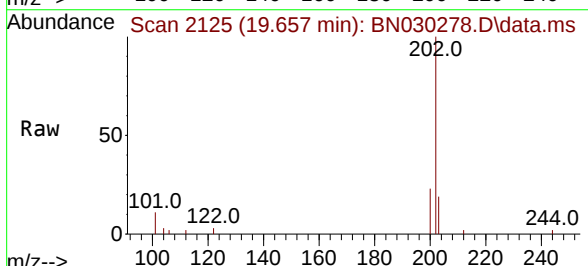
Tgt Ion:202 Resp: 4314

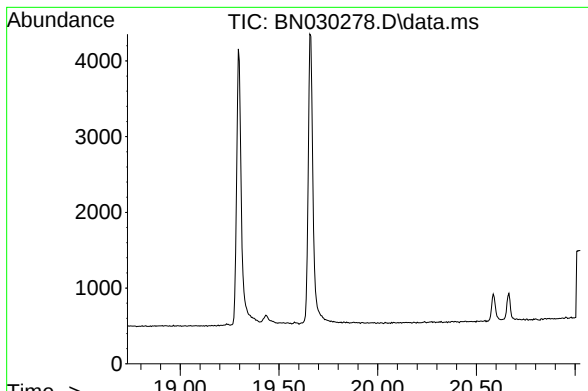
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.9 14.1 21.1



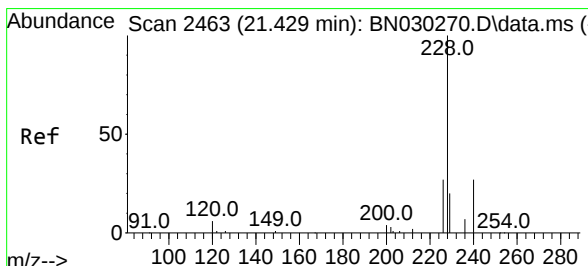
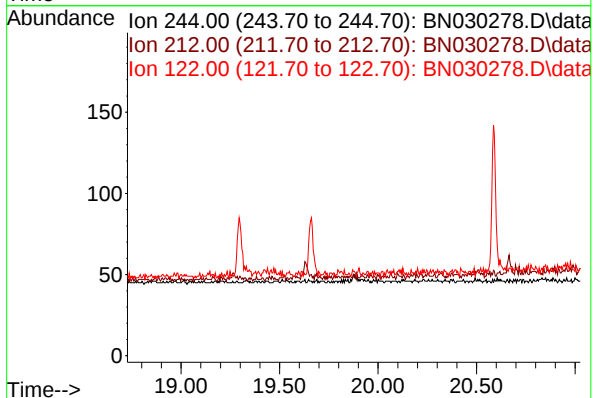


#31  
 Terphenyl-d14  
 Concen: 0.000 ng  
 Expected RT: 19.88 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP6443

Tgt Ion: 244  

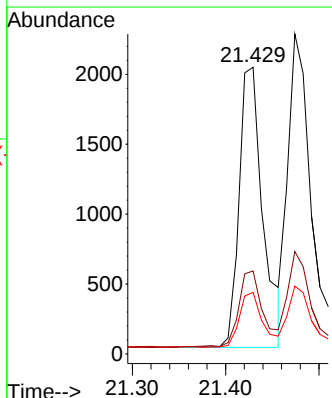
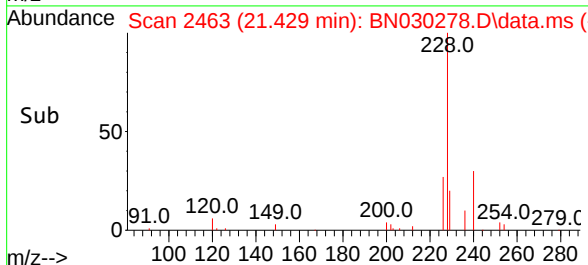
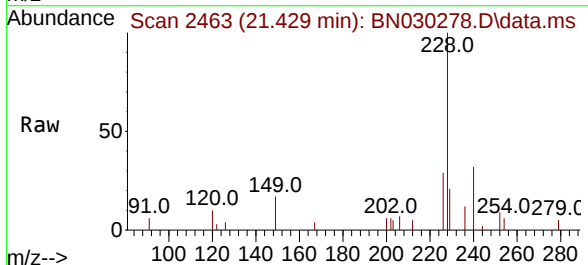
| Sig | Exp Ratio |
|-----|-----------|
| 244 | 100       |
| 212 | 11.9      |
| 122 | 14.7      |

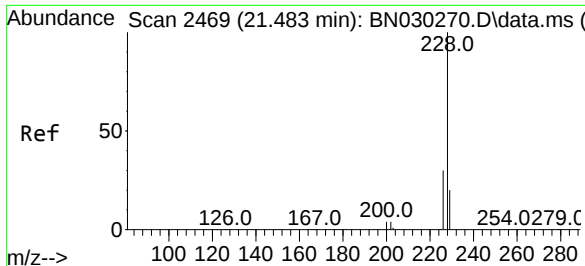


#32  
 Benzo(a)anthracene  
 Concen: 0.443 ng  
 RT: 21.429 min Scan# 2463  
 Delta R.T. 0.000 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

Tgt Ion: 228 Resp: 3553  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.0  | 23.1  | 34.7  |
| 229 | 21.5  | 17.0  | 25.4  |





#33

Chrysene

Concen: 0.444 ng

RT: 21.474 min Scan# 2468

Delta R.T. -0.009 min

Lab File: BN030278.D

Acq: 05 Mar 2024 19:24

Instrument :

BNA\_N

ClientSampleId :

SP6443

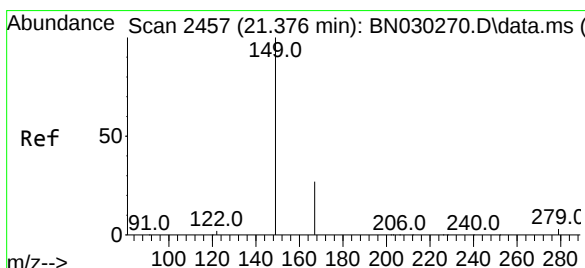
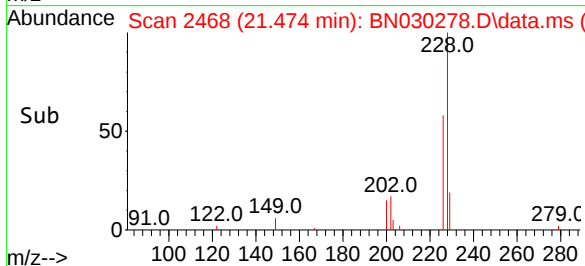
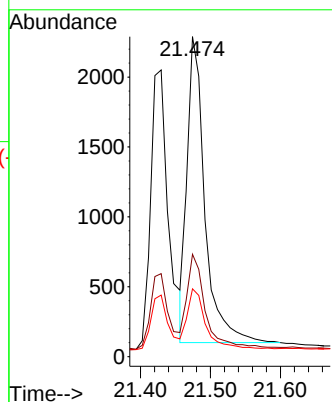
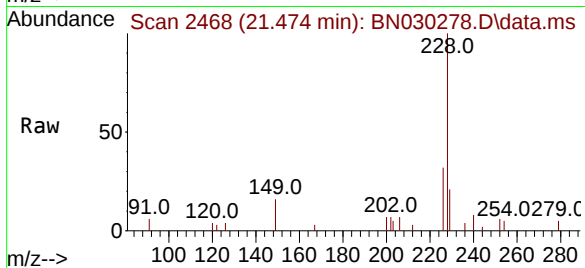
Tgt Ion:228 Resp: 3847

Ion Ratio Lower Upper

228 100

226 32.0 24.6 37.0

229 21.2 17.3 25.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.397 ng

RT: 21.376 min Scan# 2457

Delta R.T. 0.000 min

Lab File: BN030278.D

Acq: 05 Mar 2024 19:24

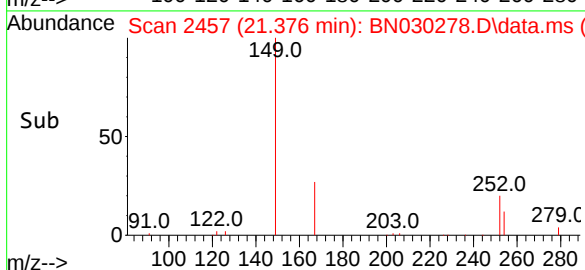
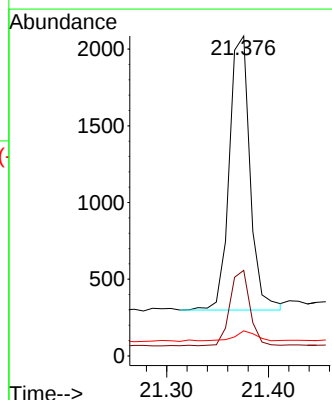
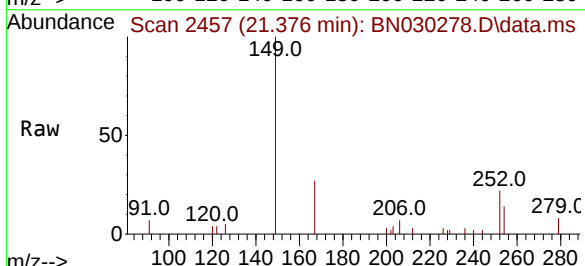
Tgt Ion:149 Resp: 2536

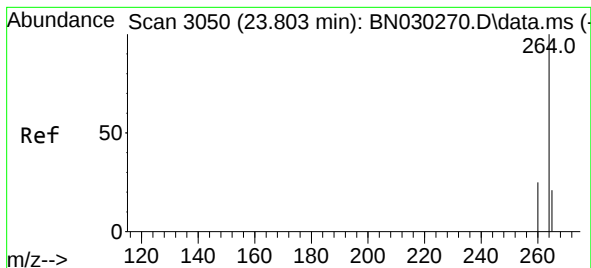
Ion Ratio Lower Upper

149 100

167 26.9 20.6 30.8

279 4.5 4.0 6.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.806 min Scan# 3050

Delta R.T. 0.003 min

Lab File: BN030278.D

Acq: 05 Mar 2024 19:24

Instrument :

BNA\_N

ClientSampleId :

SP6443

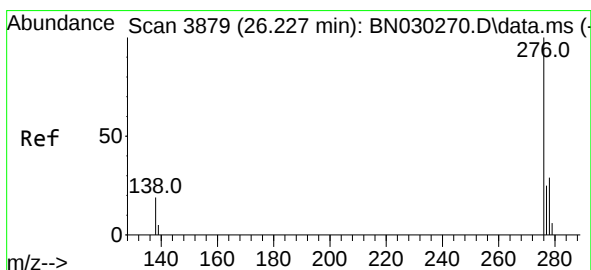
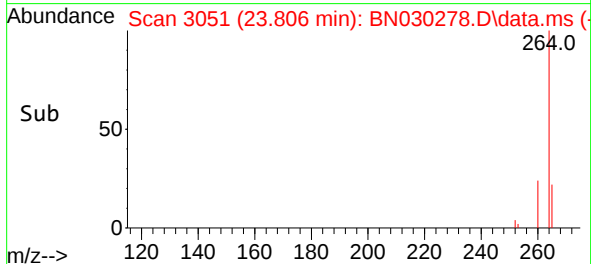
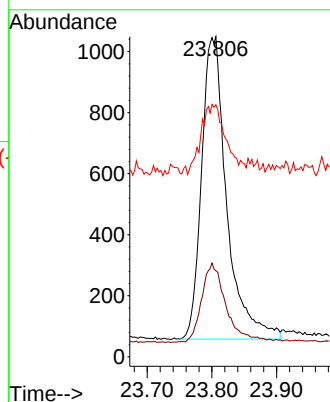
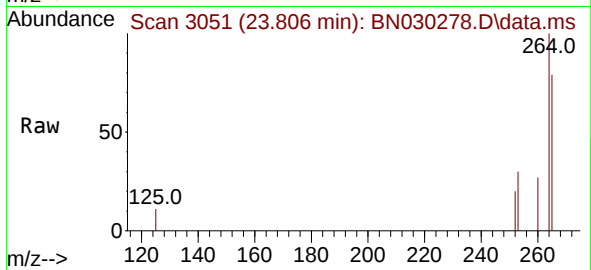
Tgt Ion:264 Resp: 2682

Ion Ratio Lower Upper

264 100

260 26.9 21.7 32.5

265 78.7 50.8 76.2#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.489 ng

RT: 26.224 min Scan# 3878

Delta R.T. -0.003 min

Lab File: BN030278.D

Acq: 05 Mar 2024 19:24

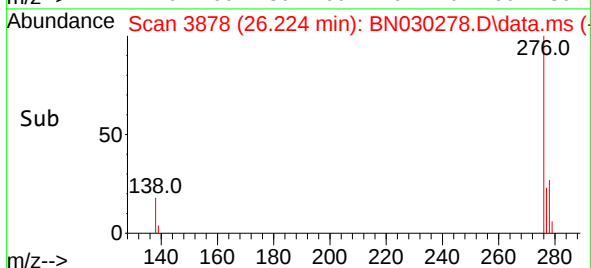
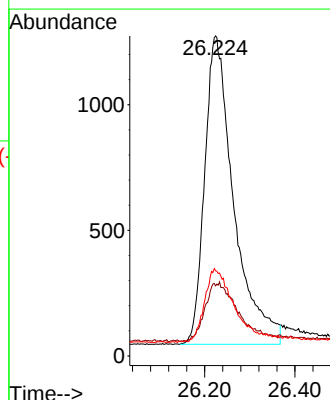
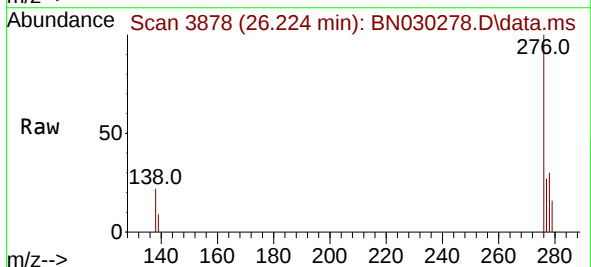
Tgt Ion:276 Resp: 5490

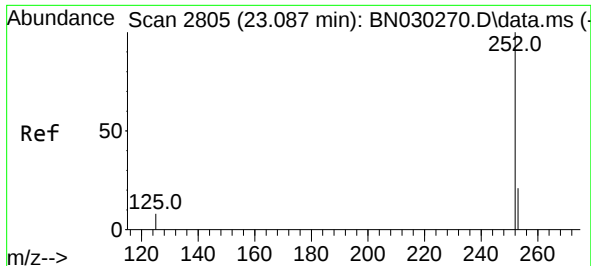
Ion Ratio Lower Upper

276 100

138 7.3 17.4 26.2#

277 23.2 18.9 28.3

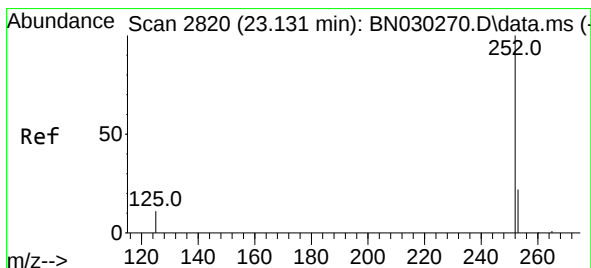
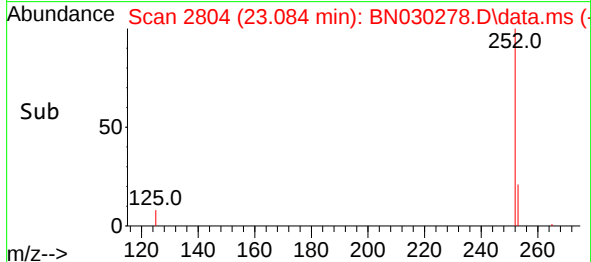
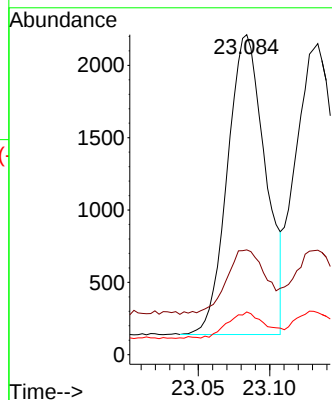
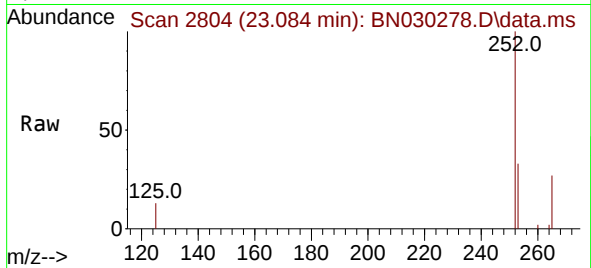




#37  
Benzo(b)fluoranthene  
Concen: 0.408 ng  
RT: 23.084 min Scan# 2804  
Delta R.T. -0.003 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

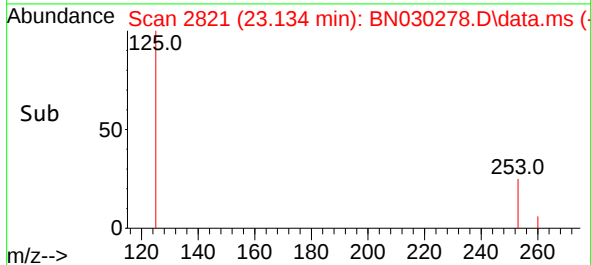
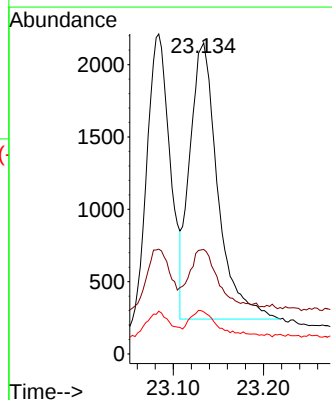
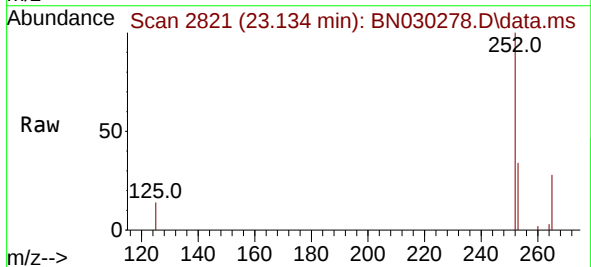
Instrument :  
BNA\_N  
ClientSampleId :  
SP6443

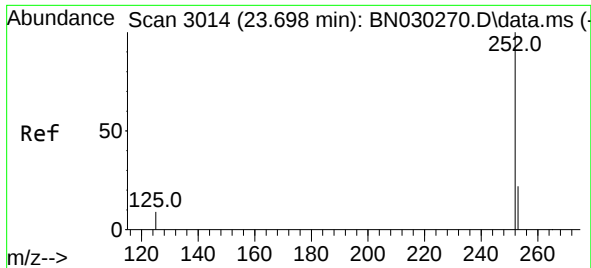
Tgt Ion:252 Resp: 3822  
Ion Ratio Lower Upper  
252 100  
253 32.8 25.4 38.0  
125 13.4 10.0 15.0



#38  
Benzo(k)fluoranthene  
Concen: 0.434 ng  
RT: 23.134 min Scan# 2821  
Delta R.T. 0.003 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

Tgt Ion:252 Resp: 4129  
Ion Ratio Lower Upper  
252 100  
253 33.6 25.7 38.5  
125 13.5 11.5 17.3

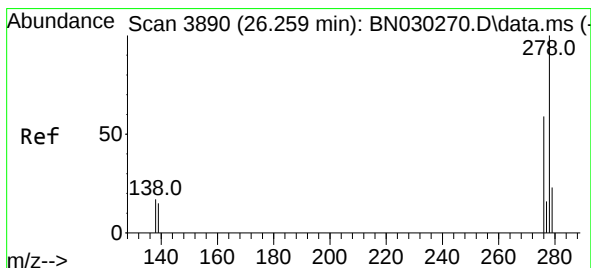
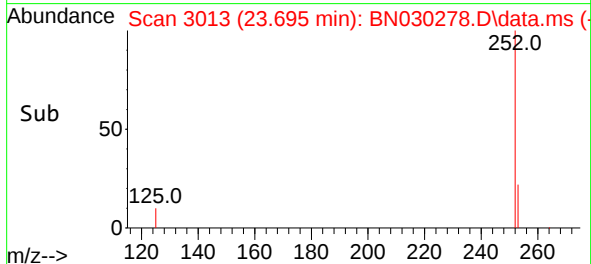
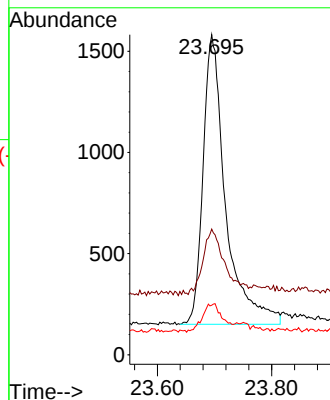
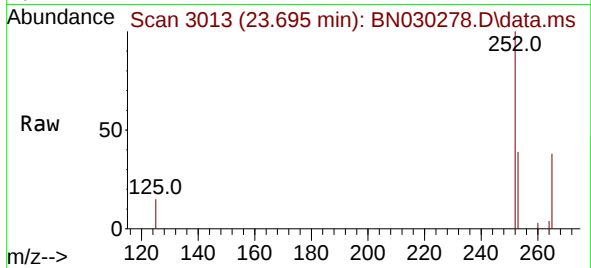




#39  
Benzo(a)pyrene  
Concen: 0.473 ng  
RT: 23.695 min Scan# 3014  
Delta R.T. -0.003 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

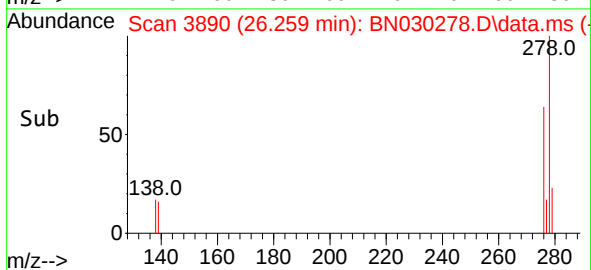
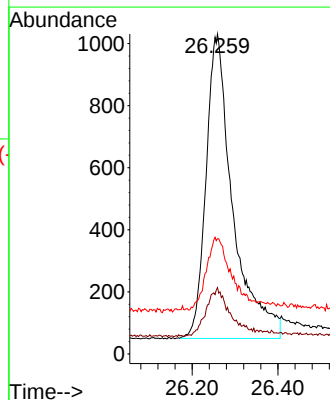
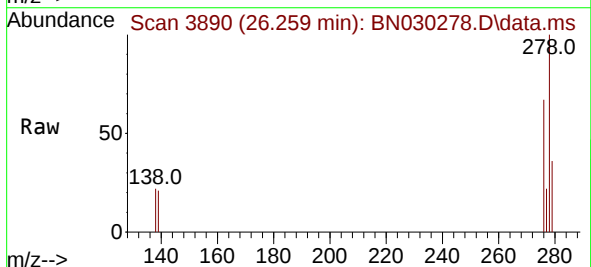
Instrument :  
BNA\_N  
ClientSampleId :  
SP6443

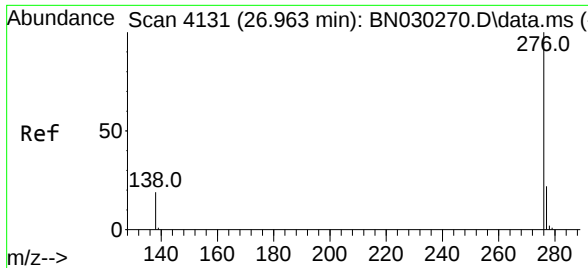
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 3912      |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 39.3  | 30.8 46.2 |
| 125         | 15.5  | 12.5 18.7 |



#40  
Dibenzo(a,h)anthracene  
Concen: 0.482 ng  
RT: 26.259 min Scan# 3890  
Delta R.T. 0.000 min  
Lab File: BN030278.D  
Acq: 05 Mar 2024 19:24

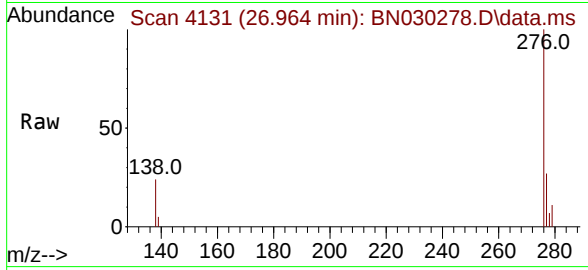
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:278 | Resp: | 4259      |
| Ion Ratio   | Lower | Upper     |
| 278         | 100   |           |
| 139         | 20.8  | 15.5 23.3 |
| 279         | 36.0  | 27.3 40.9 |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.457 ng  
 RT: 26.964 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: BN030278.D  
 Acq: 05 Mar 2024 19:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP6443



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 4650  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 27.1  | 20.6  | 30.8  |
| 138      | 23.7  | 18.2  | 27.4  |

