

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101023\  
 Data File : BN028220.D  
 Acq On : 11 Oct 2023 05:58  
 Operator : MA/JU  
 Sample : 04767-01MS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 D-1(0-5)MS

Quant Time: Oct 11 06:56:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN100223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 10 00:42:22 2023  
 Response via : Initial Calibration

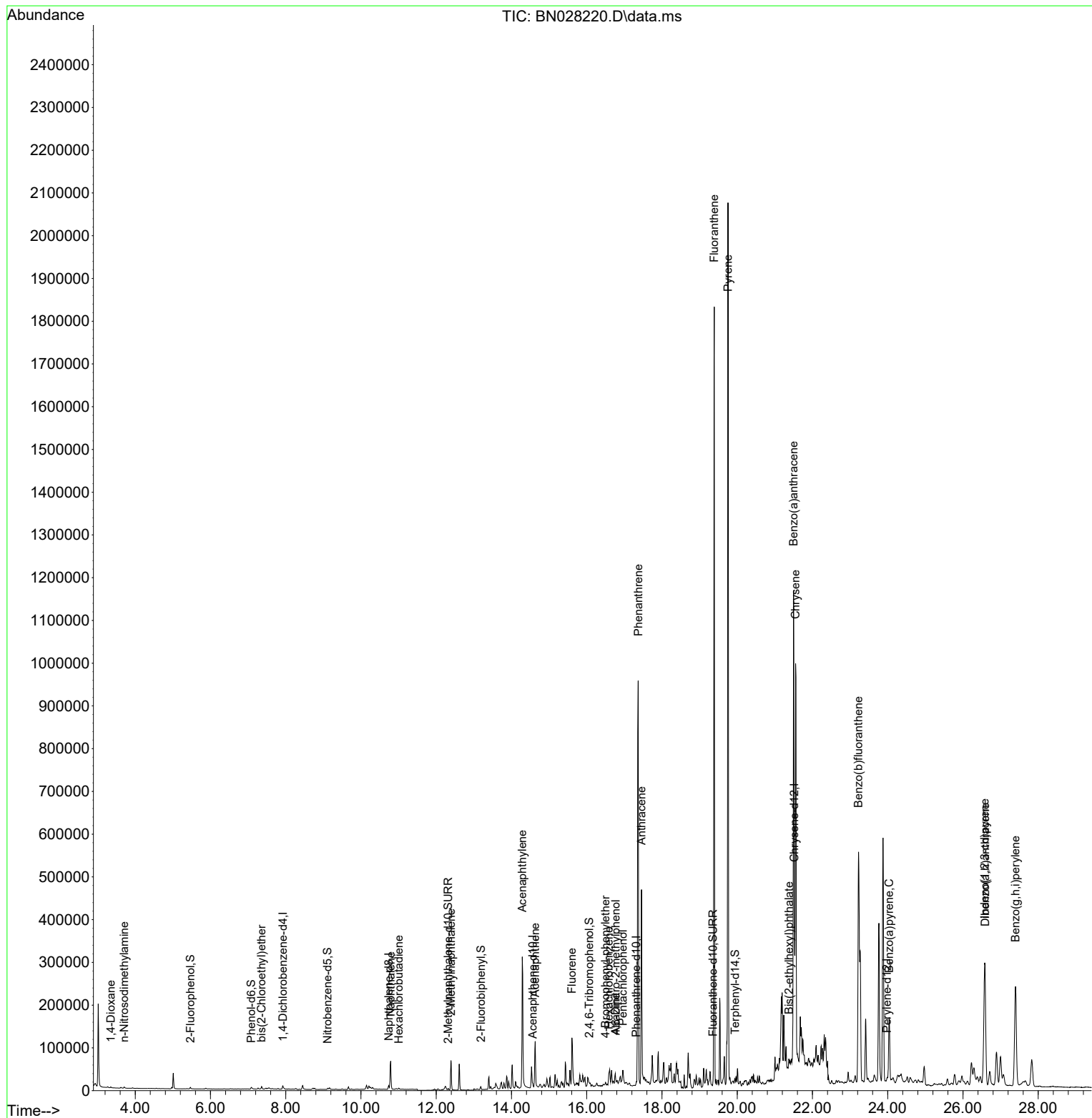
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.921  | 152  | 3671     | 0.400  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.735 | 136  | 11513    | 0.400  | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.566 | 164  | 6909     | 0.400  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.319 | 188  | 12229    | 0.400  | ng    | 0.00     |
| 29) Chrysene-d12              | 21.515 | 240  | 12968    | 0.400  | ng    | # 0.00   |
| 35) Perylene-d12              | 23.984 | 264  | 15998    | 0.400  | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) 2-Fluorophenol             | 5.466  | 112  | 3297     | 0.301  | ng    | 0.00     |
| 5) Phenol-d6                  | 7.084  | 99   | 4094     | 0.296  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.112  | 82   | 2954     | 0.301  | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.317 | 152  | 4926     | 0.289  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.065 | 330  | 929      | 0.294  | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.186 | 172  | 6453     | 0.259  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.356 | 212  | 8720     | 0.284  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.941 | 244  | 8228     | 0.272  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 3.350  | 88   | 1344     | 0.326  | ng    | # 66     |
| 3) n-Nitrosodimethylamine     | 3.704  | 42   | 1720     | 0.365  | ng    | 96       |
| 6) bis(2-Chloroethyl)ether    | 7.358  | 93   | 4329     | 0.389  | ng    | 97       |
| 9) Naphthalene                | 10.789 | 128  | 88403    | 2.972  | ng    | 98       |
| 10) Hexachlorobutadiene       | 11.002 | 225  | 2017     | 0.382  | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.392 | 142  | 48837    | 2.347  | ng    | 99       |
| 16) Acenaphthylene            | 14.288 | 152  | 395119   | 12.910 | ng    | 100      |
| 17) Acenaphthene              | 14.630 | 154  | 60007    | 3.076  | ng    | 99       |
| 18) Fluorene                  | 15.606 | 166  | 100853   | 3.980  | ng    | 92       |
| 20) 4,6-Dinitro-2-methylph... | 16.772 | 198  | 610      | 3.753  | ng    | # 42     |
| 21) 4-Bromophenyl-phenylether | 16.499 | 248  | 2544     | 0.399  | ng    | 92       |
| 22) Hexachlorobenzene         | 16.586 | 284  | 2816     | 0.421  | ng    | # 91     |
| 23) Atrazine                  | 16.772 | 200  | 2344     | 0.421  | ng    | # 86     |
| 24) Pentachlorophenol         | 16.959 | 266  | 12785    | 4.058  | ng    | 94       |
| 25) Phenanthrene              | 17.368 | 178  | 1068862  | 32.420 | ng    | 100      |
| 26) Anthracene                | 17.455 | 178  | 452502   | 14.521 | ng    | # 95     |
| 28) Fluoranthene              | 19.388 | 202  | 1557556  | 40.936 | ng    | 99       |
| 30) Pyrene                    | 19.755 | 202  | 1818521  | 38.242 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.497 | 228  | 1030913  | 23.362 | ng    | 98       |
| 33) Chrysene                  | 21.551 | 228  | 892291   | 20.982 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.372 | 149  | 15445    | 0.532  | ng    | # 93     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.580 | 276  | 513858   | 9.549  | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 23.224 | 252  | 996907   | 19.295 | ng    | # 89     |
| 39) Benzo(a)pyrene            | 24.039 | 252  | 190057   | 3.890  | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 26.589 | 278  | 164854   | 3.745  | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 27.396 | 276  | 517790   | 11.459 | ng    | 95       |

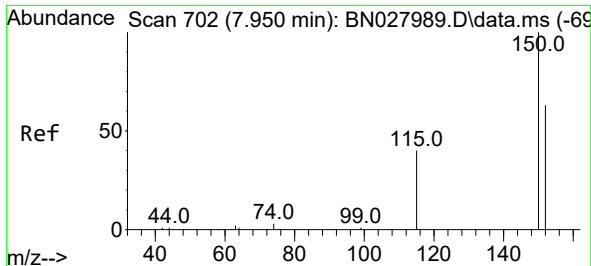
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101023\  
Data File : BN028220.D  
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Sample : 04767-01MS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
D-1(0-5)MS

Quant Time: Oct 11 06:56:28 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN100223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 10 00:42:22 2023  
Response via : Initial Calibration

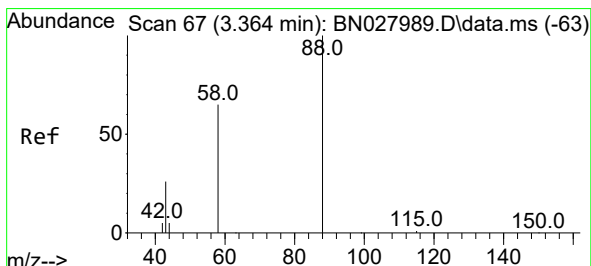
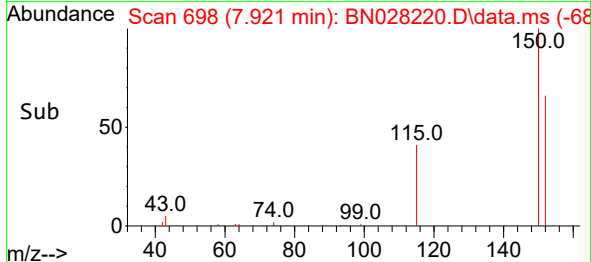
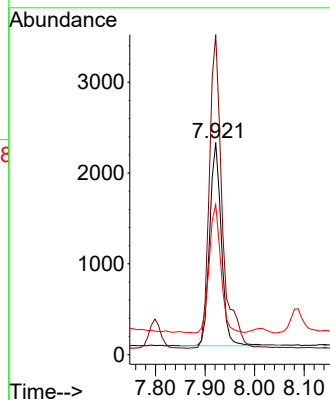
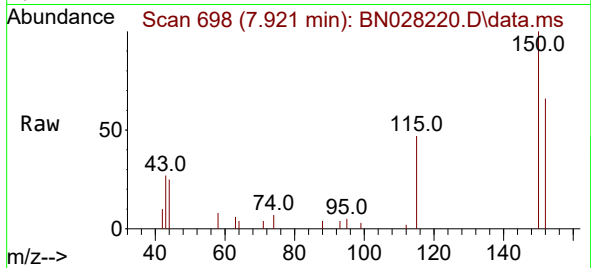




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.921 min Scan# 61  
 Delta R.T. -0.001 min  
 Lab File: BN028220.D  
 Acq: 11 Oct 2023 05:58

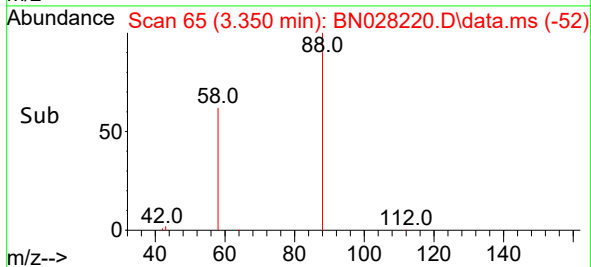
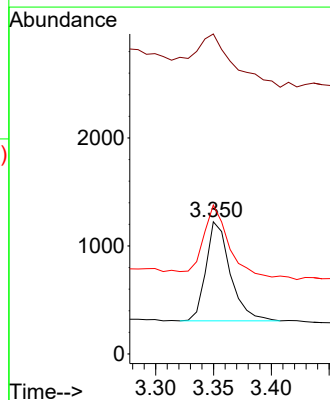
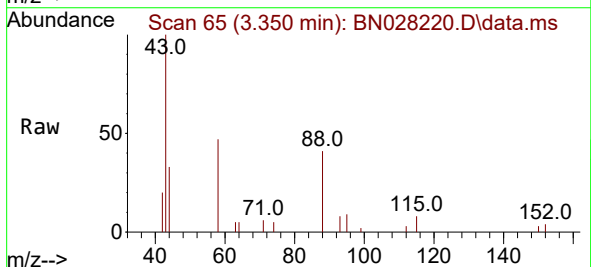
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 ClientSampleId :  
 D-1(0-5)MS

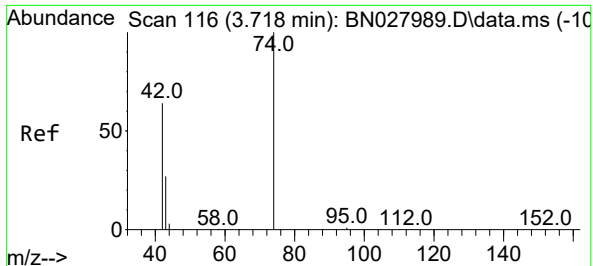
Tgt Ion:152 Resp: 3671  
 Ion Ratio Lower Upper  
 152 100  
 150 150.9 125.6 188.4  
 115 70.7 54.8 82.2



#2  
 1,4-Dioxane  
 Concen: 0.326 ng  
 RT: 3.350 min Scan# 65  
 Delta R.T. -0.007 min  
 Lab File: BN028220.D  
 Acq: 11 Oct 2023 05:58

Tgt Ion: 88 Resp: 1344  
 Ion Ratio Lower Upper  
 88 100  
 43 77.9 24.6 36.8#  
 58 74.8 53.8 80.6

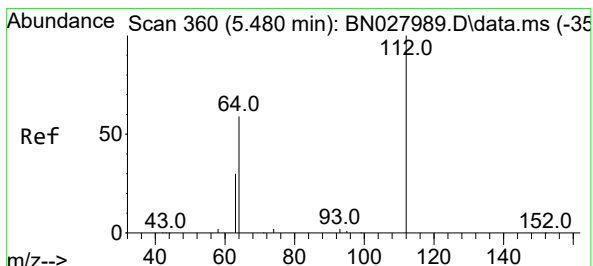
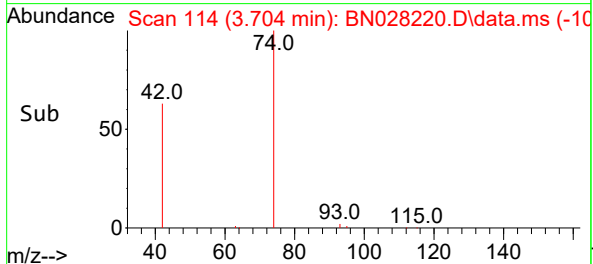
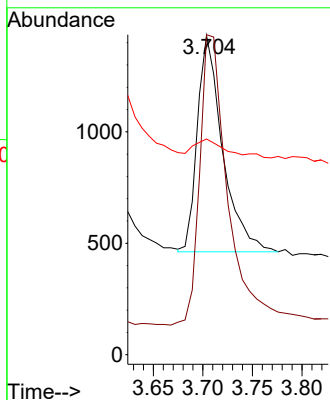
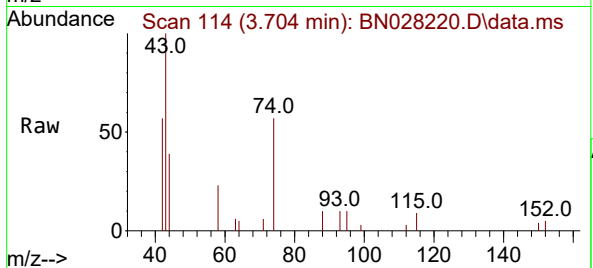




#3  
n-Nitrosodimethylamine  
Concen: 0.365 ng  
RT: 3.704 min Scan# 116  
Delta R.T. -0.007 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

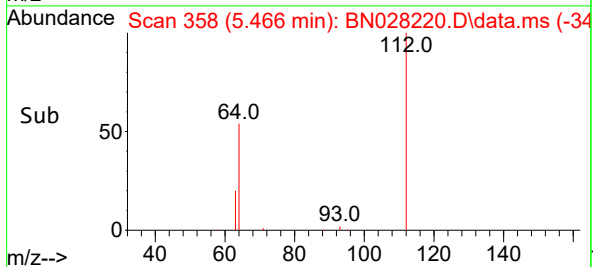
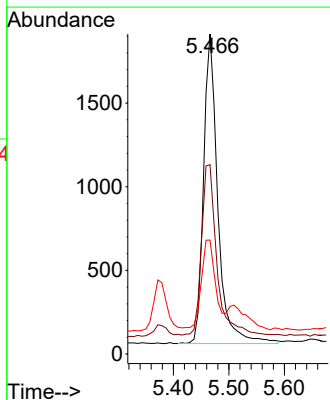
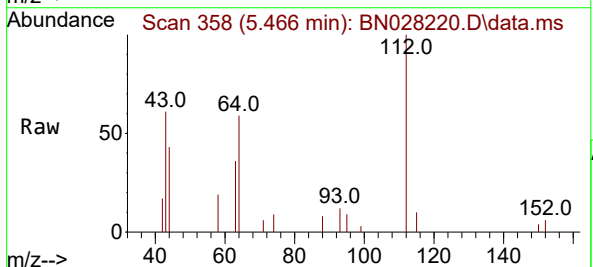
Instrument :  
BNA\_N  
ClientSampleId :  
D-1(0-5)MS

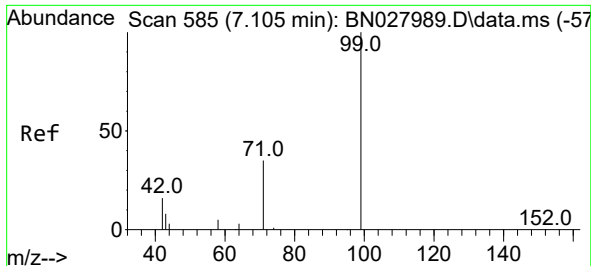
Tgt Ion: 42 Resp: 1720  
Ion Ratio Lower Upper  
42 100  
74 150.5 115.9 173.9  
44 10.8 8.0 12.0



#4  
2-Fluorophenol  
Concen: 0.301 ng  
RT: 5.466 min Scan# 358  
Delta R.T. -0.000 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

Tgt Ion: 112 Resp: 3297  
Ion Ratio Lower Upper  
112 100  
64 59.2 45.0 67.6  
63 28.7 23.4 35.0

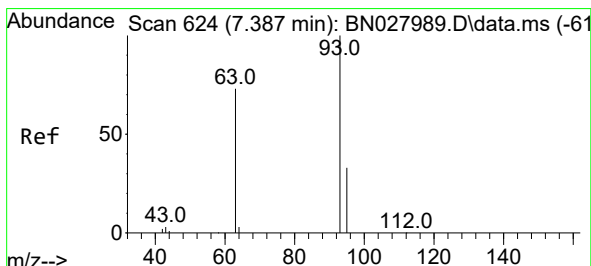
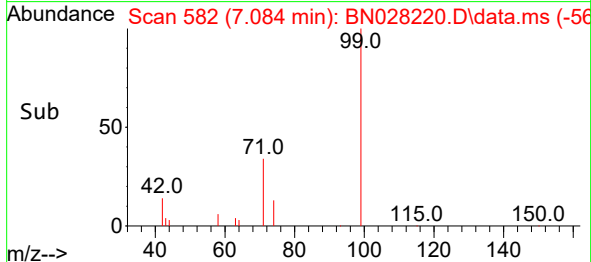
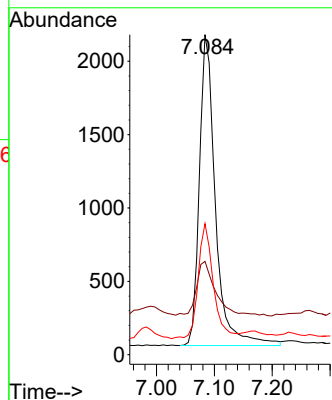
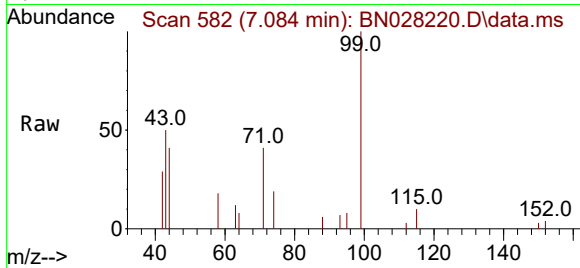




#5  
Phenol-d6  
Concen: 0.296 ng  
RT: 7.084 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

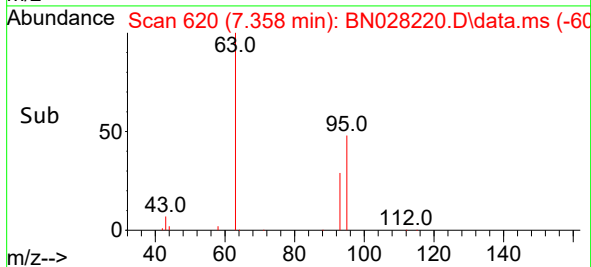
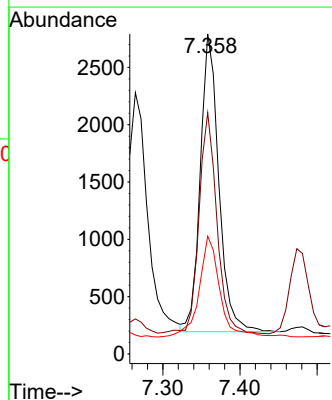
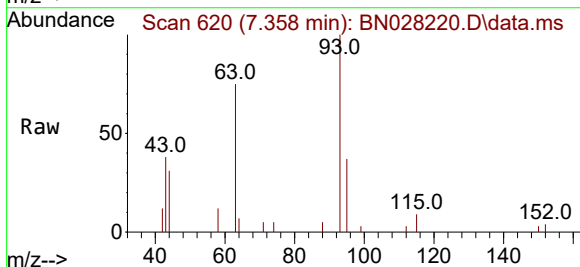
Instrument :  
BNA\_N  
ClientSampleId :  
D-1(0-5)MS

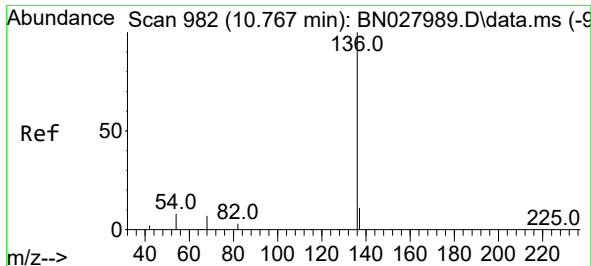
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 4094  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 21.2  | 14.6  | 22.0  |
| 71       | 35.0  | 28.3  | 42.5  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.389 ng  
RT: 7.358 min Scan# 620  
Delta R.T. -0.007 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 4329  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 72.2  | 58.8  | 88.2  |
| 95       | 37.6  | 26.6  | 39.8  |

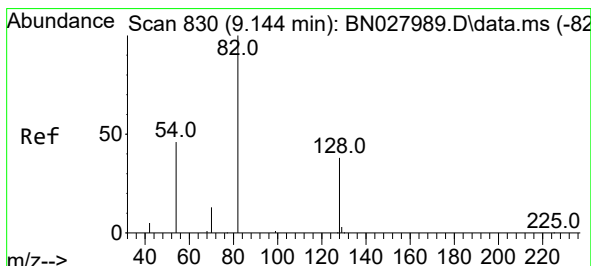
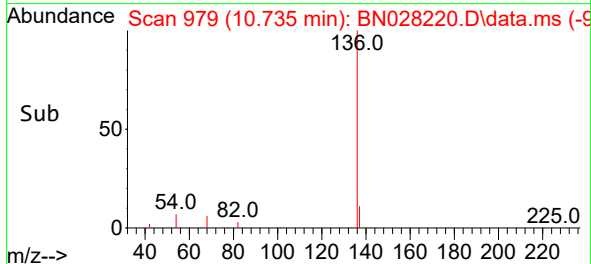
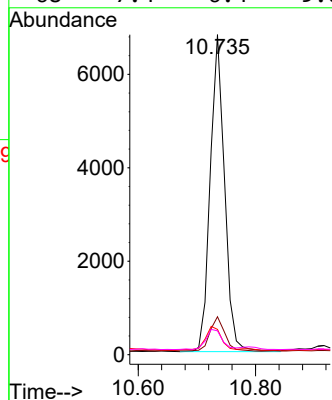
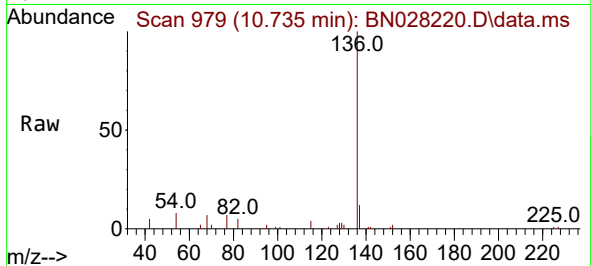




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.735 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

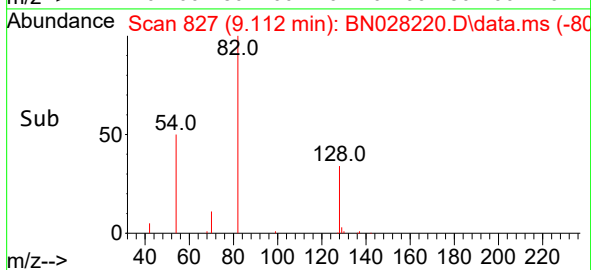
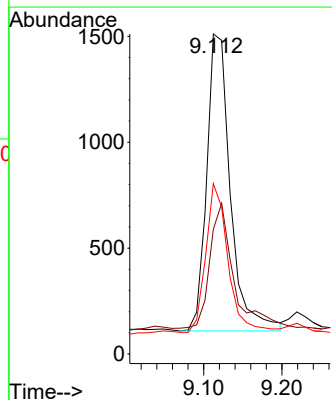
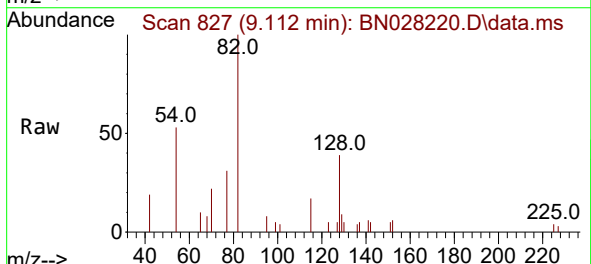
Instrument :  
BNA\_N  
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D-1(0-5)MS

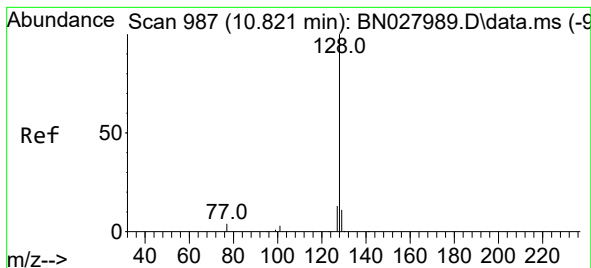
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 11513 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.8  | 9.4   | 14.0  |
| 54       | 7.9   | 7.0   | 10.6  |
| 68       | 7.4   | 6.4   | 9.6   |



#8  
Nitrobenzene-d5  
Concen: 0.301 ng  
RT: 9.112 min Scan# 827  
Delta R.T. -0.011 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2954  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 39.0  | 32.7  | 49.1  |
| 54       | 53.2  | 38.7  | 58.1  |





#9

Naphthalene

Concen: 2.972 ng

RT: 10.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

Instrument :

BNA\_N

ClientSampleId :

D-1(0-5)MS

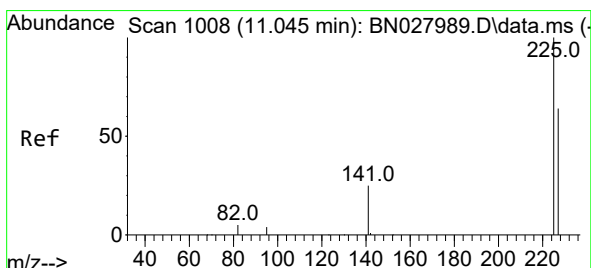
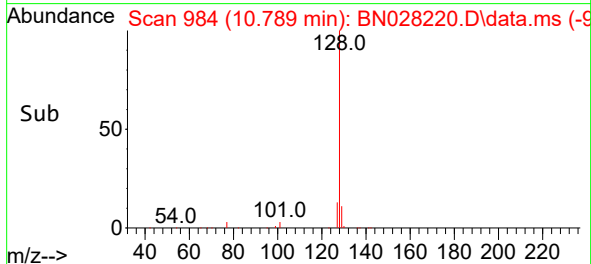
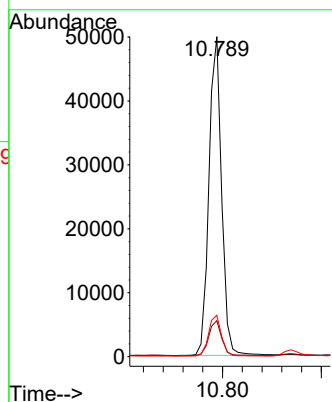
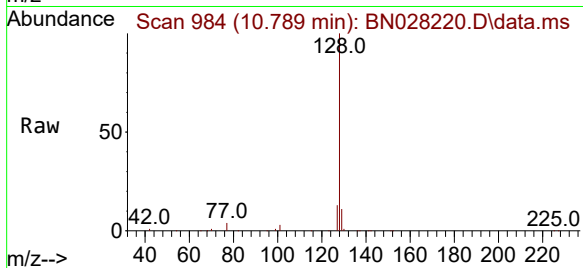
Tgt Ion:128 Resp: 88403

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

127 12.9 10.9 16.3



#10

Hexachlorobutadiene

Concen: 0.382 ng

RT: 11.002 min Scan# 1004

Delta R.T. -0.011 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

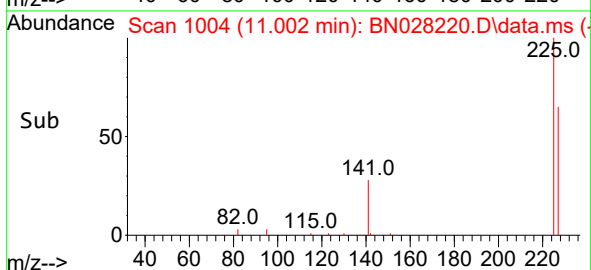
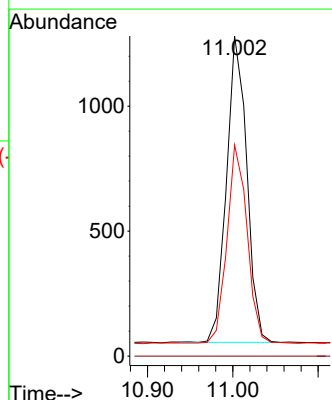
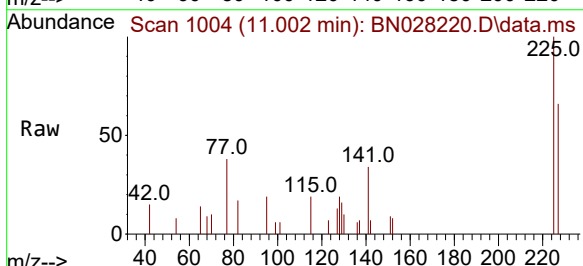
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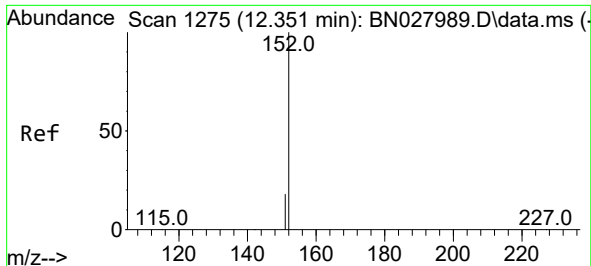
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.1 51.3 76.9

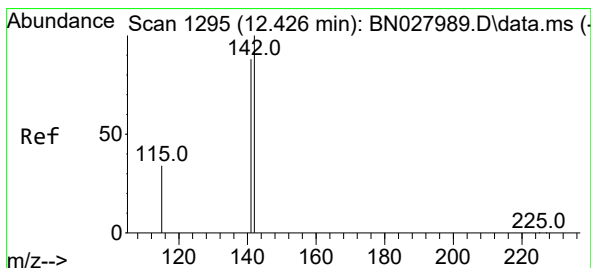
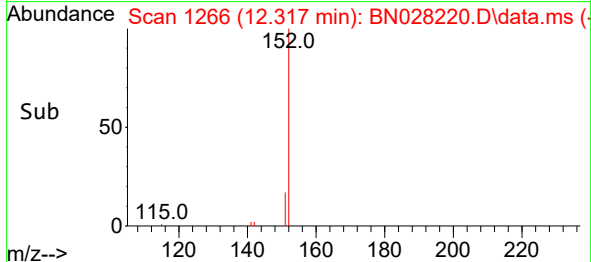
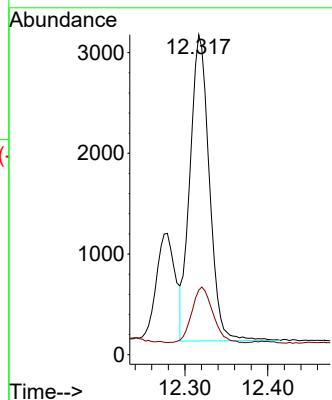
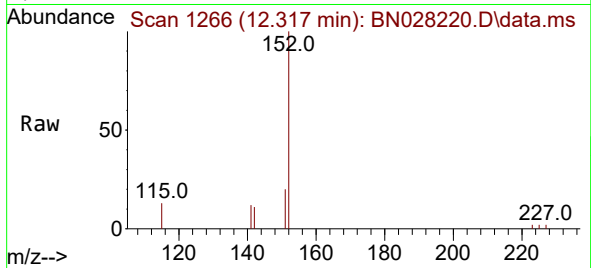




#11  
2-Methylnaphthalene-d10  
Concen: 0.289 ng  
RT: 12.317 min Scan# 1266  
Delta R.T. -0.008 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

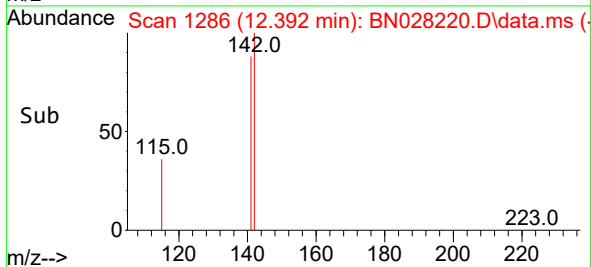
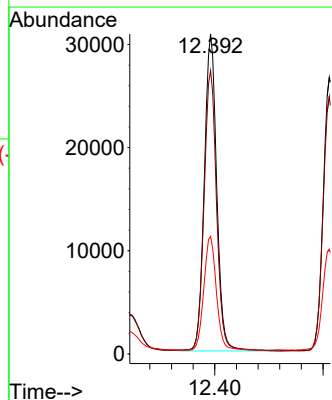
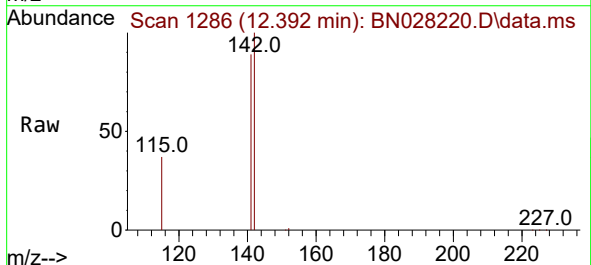
Instrument :  
BNA\_N  
ClientSampleId :  
D-1(0-5)MS

Tgt Ion:152 Resp: 4926  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.5 24.7

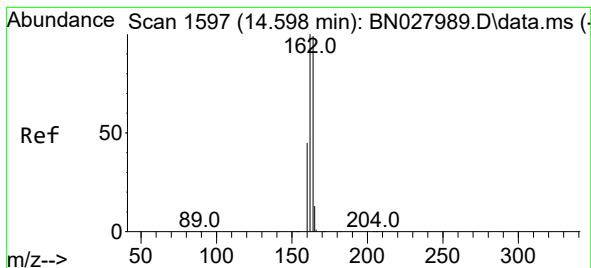


#12  
2-Methylnaphthalene  
Concen: 2.347 ng  
RT: 12.392 min Scan# 1286  
Delta R.T. -0.008 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

Tgt Ion:142 Resp: 48837  
Ion Ratio Lower Upper  
142 100  
141 88.6 70.7 106.1  
115 36.7 28.6 42.8







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.566 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

Instrument :

BNA\_N

ClientSampleId :

D-1(0-5)MS

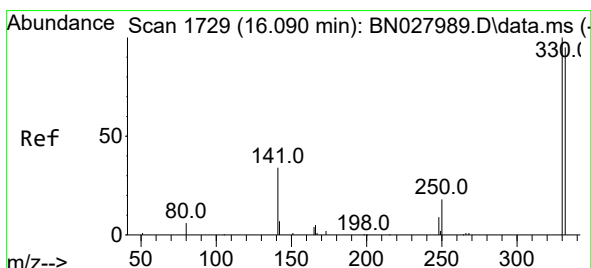
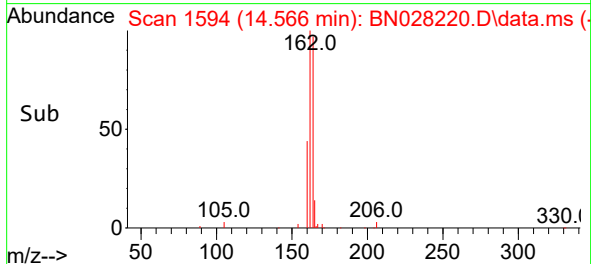
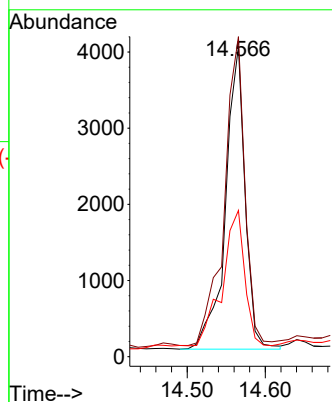
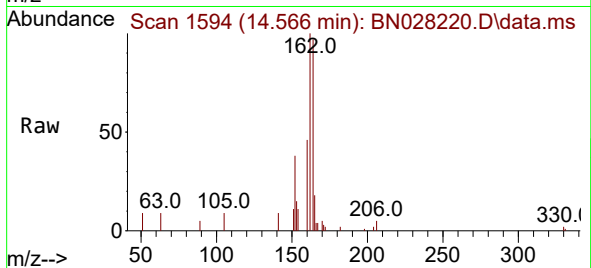
Tgt Ion:164 Resp: 6909

Ion Ratio Lower Upper

164 100

162 103.1 80.8 121.2

160 47.1 36.4 54.6



#14

2,4,6-Tribromophenol

Concen: 0.294 ng

RT: 16.065 min Scan# 1727

Delta R.T. -0.013 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

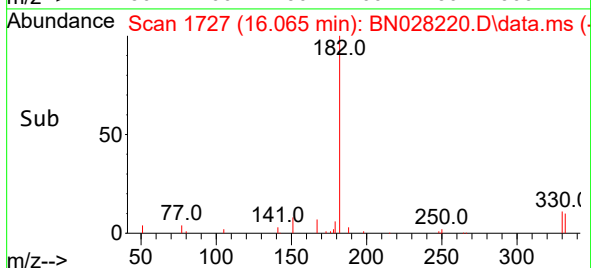
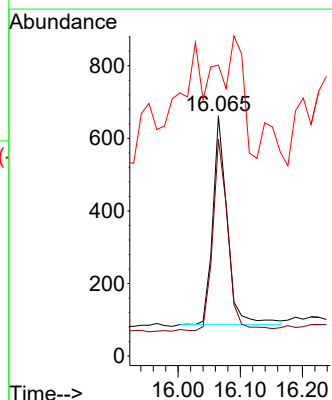
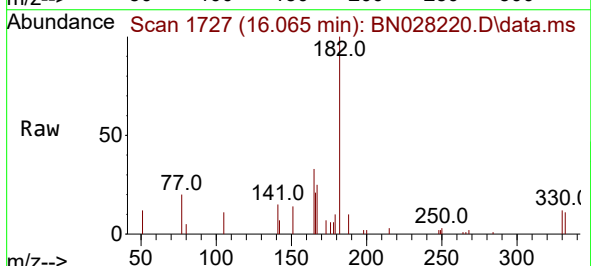
Tgt Ion:330 Resp: 929

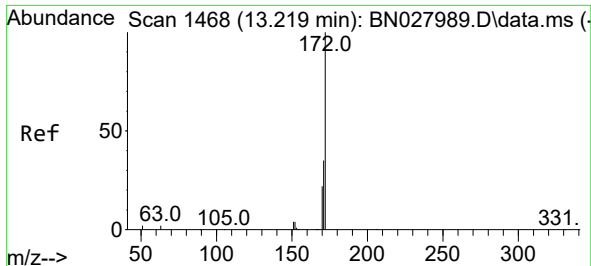
Ion Ratio Lower Upper

330 100

332 94.7 78.1 117.1

141 0.0 33.4 50.2#

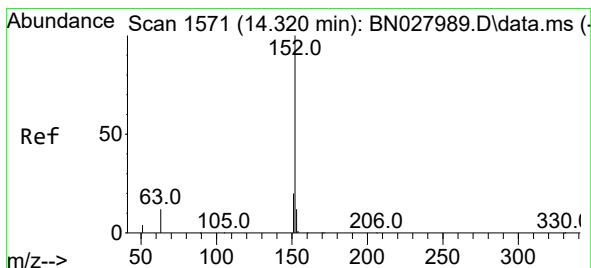
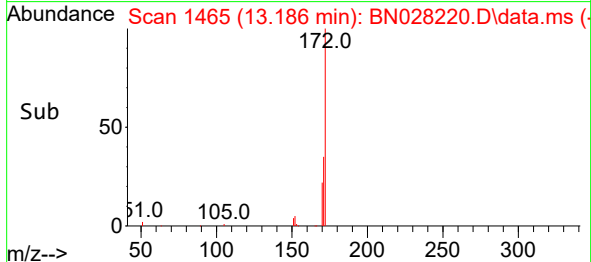
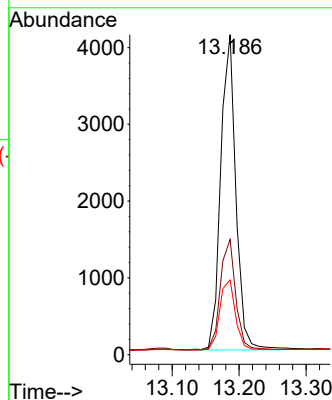
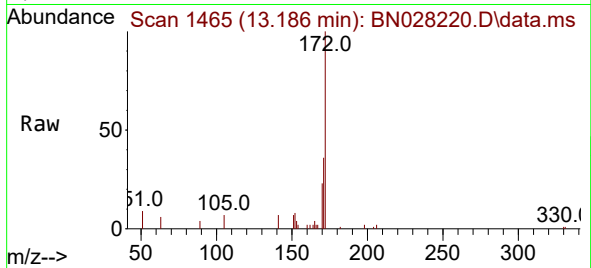




#15  
2-Fluorobiphenyl  
Concen: 0.259 ng  
RT: 13.186 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

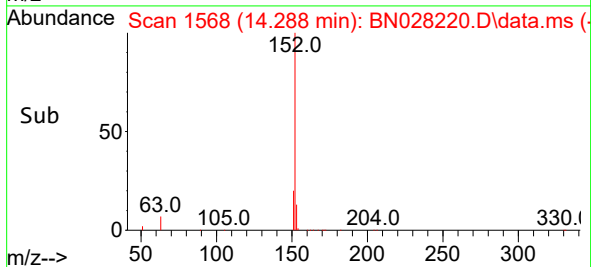
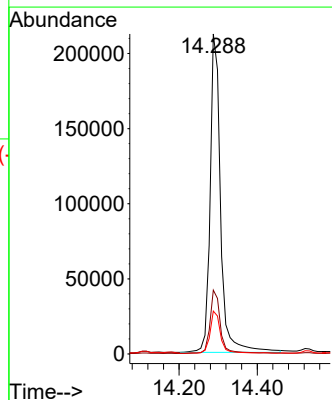
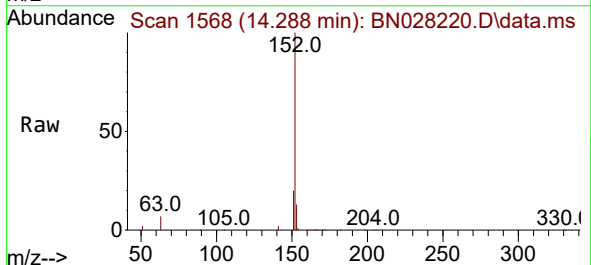
Instrument :  
BNA\_N  
ClientSampleId :  
D-1(0-5)MS

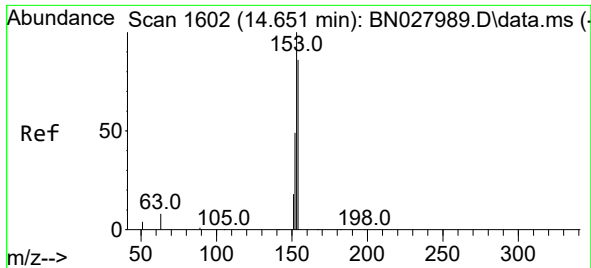
Tgt Ion:172 Resp: 6453  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.1 42.1  
170 23.3 18.4 27.6



#16  
Acenaphthylene  
Concen: 12.910 ng  
RT: 14.288 min Scan# 1568  
Delta R.T. -0.011 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

Tgt Ion:152 Resp: 395119  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.8 23.6  
153 13.0 10.2 15.4

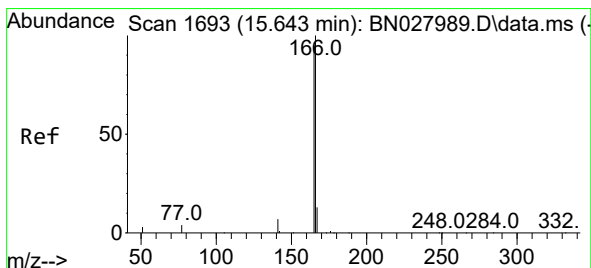
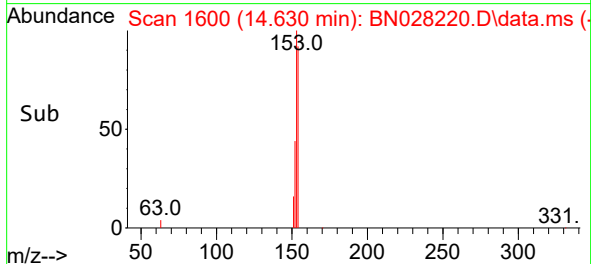
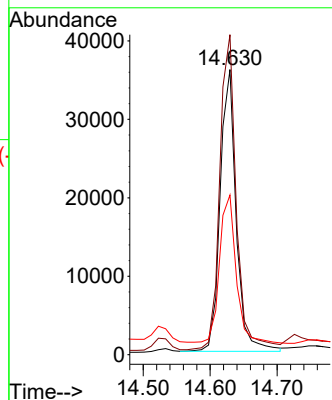
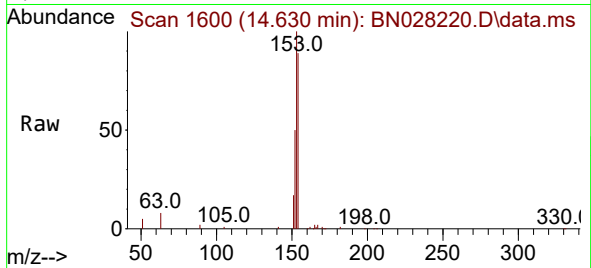




#17  
Acenaphthene  
Concen: 3.076 ng  
RT: 14.630 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

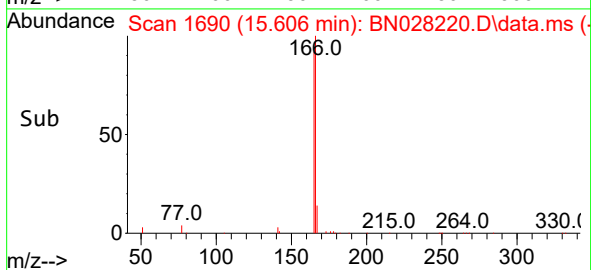
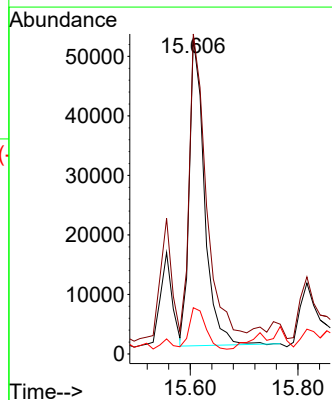
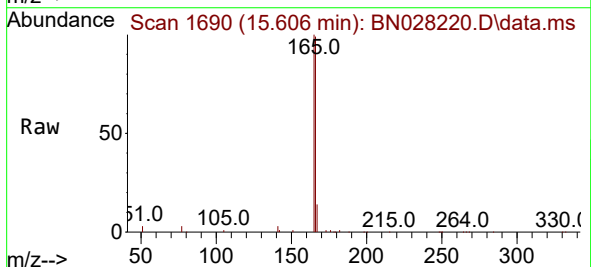
Instrument :  
BNA\_N  
ClientSampleId :  
D-1(0-5)MS

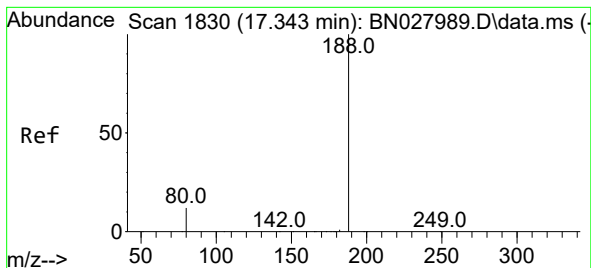
Tgt Ion:154 Resp: 60007  
Ion Ratio Lower Upper  
154 100  
153 114.7 90.8 136.2  
152 55.0 43.9 65.9



#18  
Fluorene  
Concen: 3.980 ng  
RT: 15.606 min Scan# 1690  
Delta R.T. -0.013 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

Tgt Ion:166 Resp: 100853  
Ion Ratio Lower Upper  
166 100  
165 105.9 77.8 116.8  
167 14.5 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.319 min Scan# 1828

Delta R.T. -0.000 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

Instrument :

BNA\_N

ClientSampleId :

D-1(0-5)MS

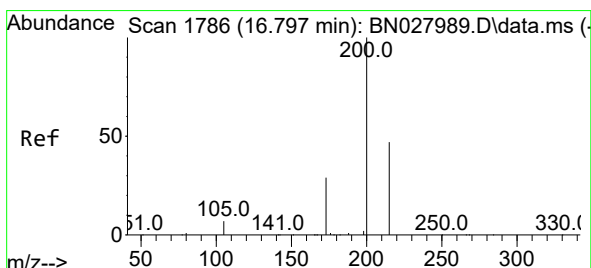
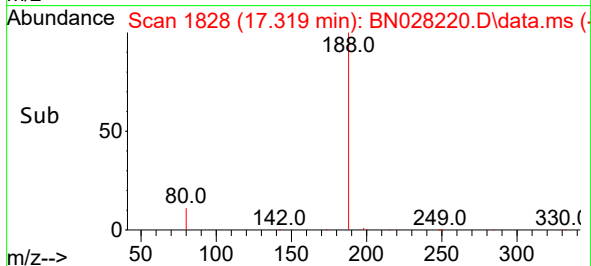
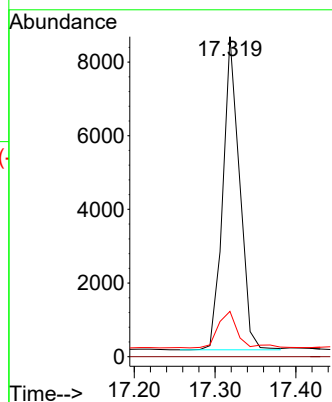
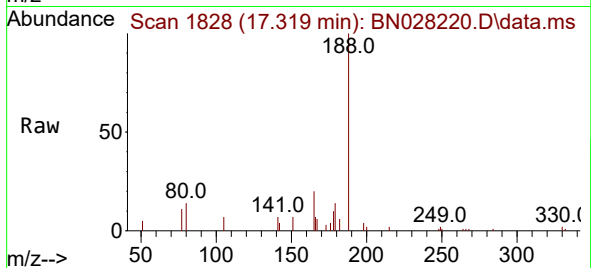
Tgt Ion:188 Resp: 12229

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.2 10.2 15.4



#20

4,6-Dinitro-2-methylphenol

Concen: 3.753 ng

RT: 16.772 min Scan# 1784

Delta R.T. -0.013 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

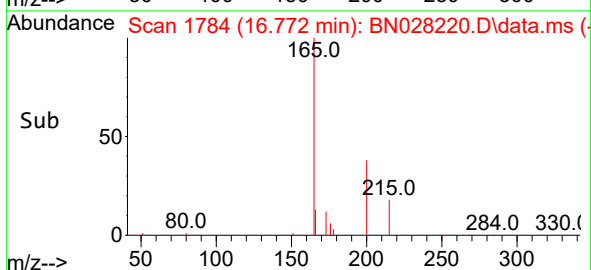
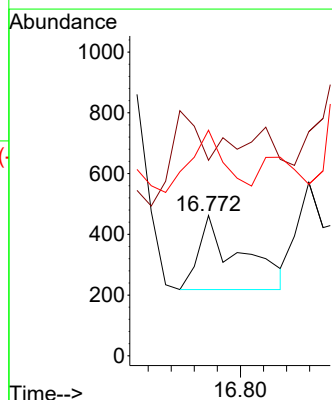
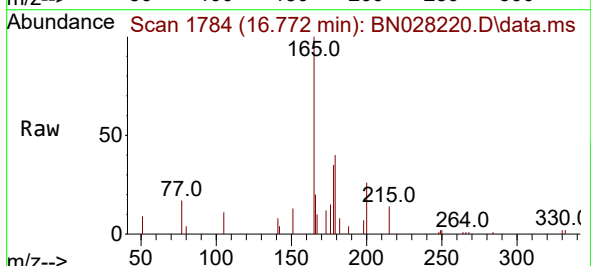
Tgt Ion:198 Resp: 610

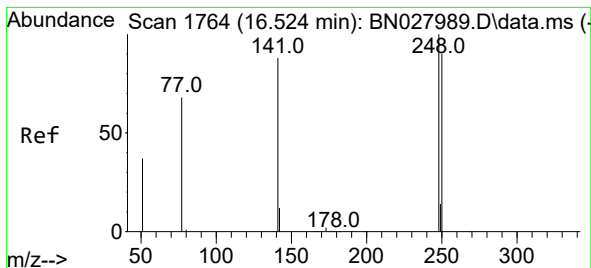
Ion Ratio Lower Upper

198 100

51 139.4 180.7 271.1#

105 160.8 222.2 333.2#

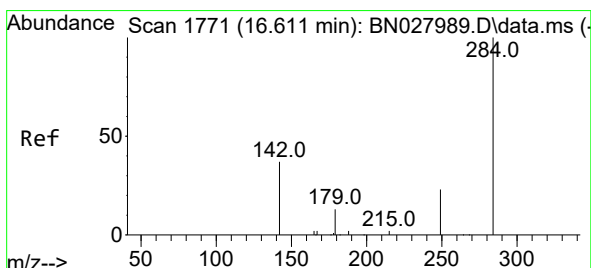
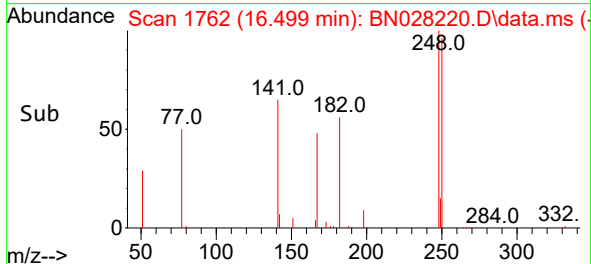
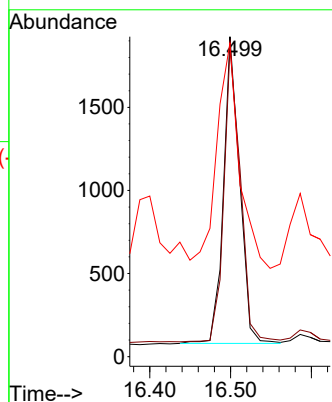
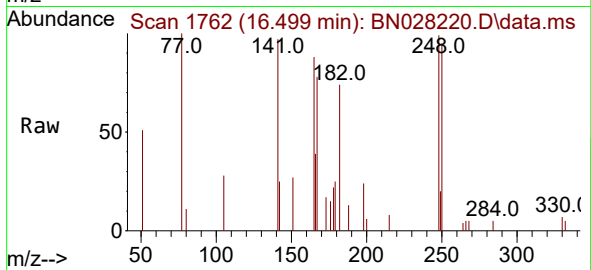




#21  
4-Bromophenyl-phenylether  
Concen: 0.399 ng  
RT: 16.499 min Scan# 1762  
Delta R.T. -0.013 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

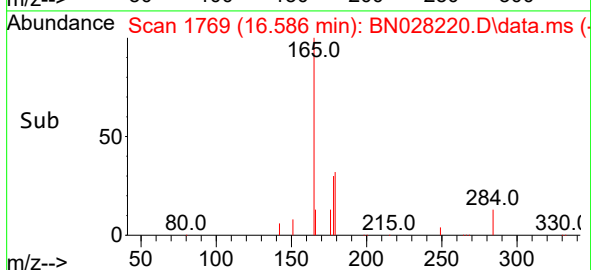
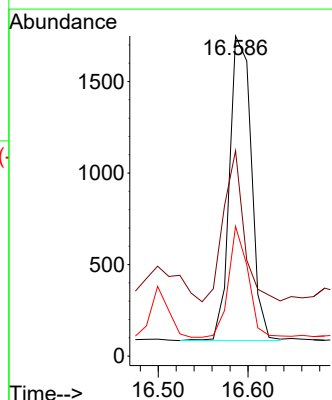
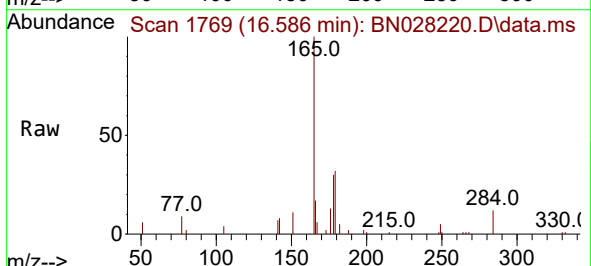
Instrument :  
BNA\_N  
ClientSampleId :  
D-1(0-5)MS

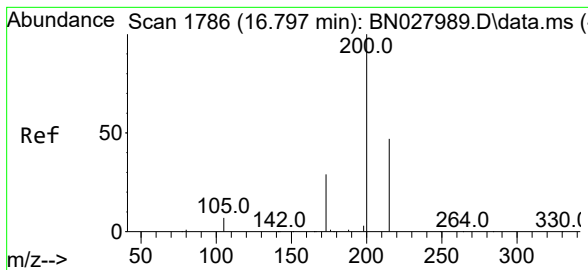
Tgt Ion:248 Resp: 2544  
Ion Ratio Lower Upper  
248 100  
250 96.5 72.3 108.5  
141 98.1 71.8 107.6



#22  
Hexachlorobenzene  
Concen: 0.421 ng  
RT: 16.586 min Scan# 1769  
Delta R.T. -0.000 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

Tgt Ion:284 Resp: 2816  
Ion Ratio Lower Upper  
284 100  
142 46.4 29.9 44.9#  
249 32.4 25.0 37.4





#23

Atrazine

Concen: 0.421 ng

RT: 16.772 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

Instrument :

BNA\_N

ClientSampleId :

D-1(0-5)MS

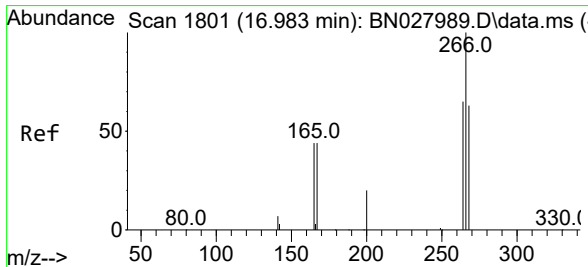
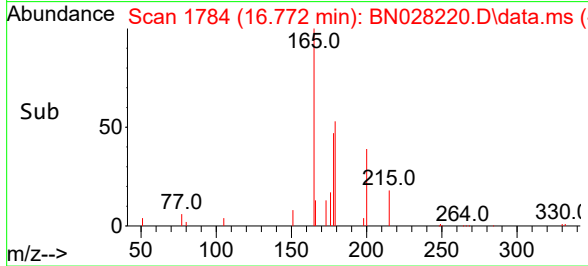
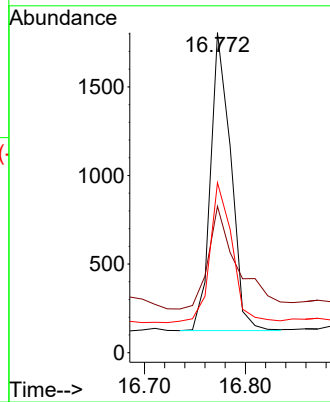
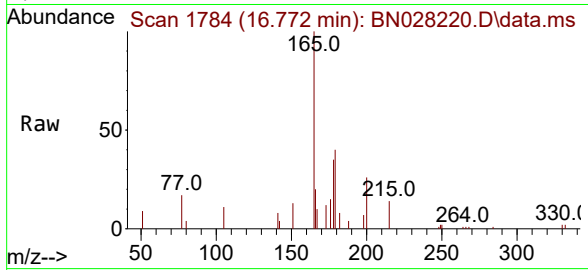
Tgt Ion:200 Resp: 2344

Ion Ratio Lower Upper

200 100

173 45.7 24.7 37.1#

215 53.2 39.0 58.6



#24

Pentachlorophenol

Concen: 4.058 ng

RT: 16.959 min Scan# 1799

Delta R.T. -0.013 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

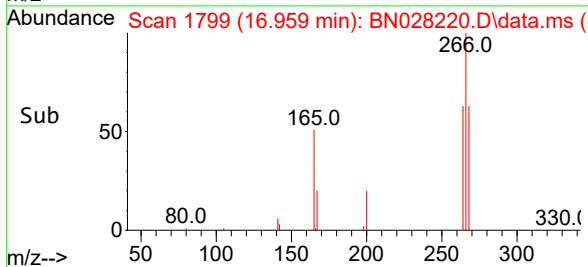
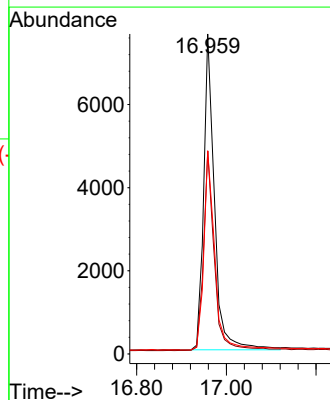
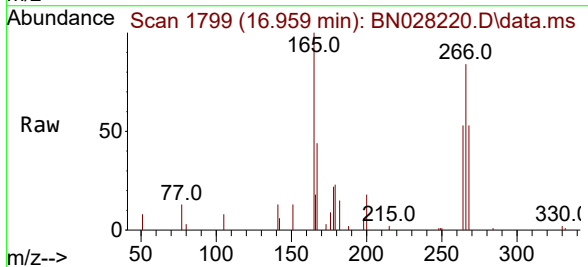
Tgt Ion:266 Resp: 12785

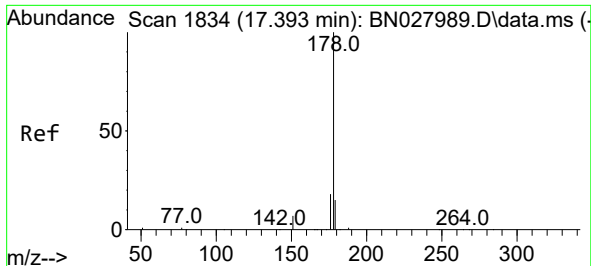
Ion Ratio Lower Upper

266 100

264 62.4 52.7 79.1

268 63.9 56.2 84.2

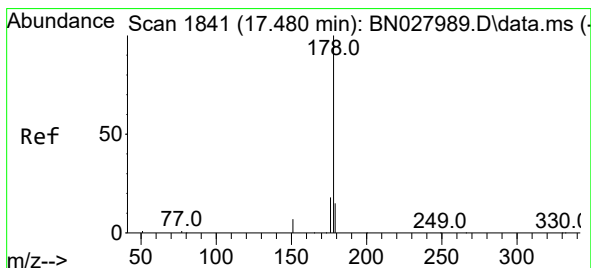
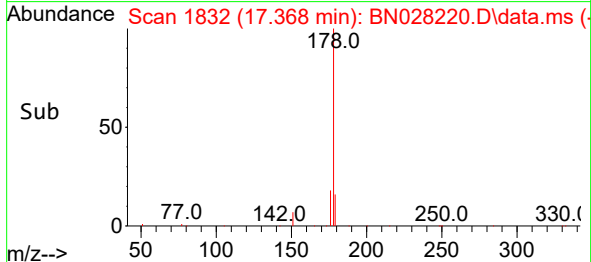
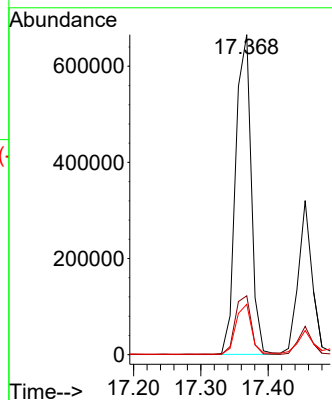
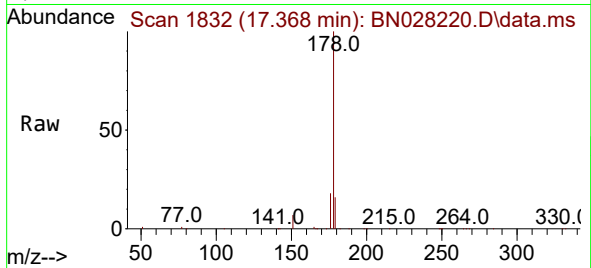




#25  
Phenanthrene  
Concen: 32.420 ng  
RT: 17.368 min Scan# 1832  
Delta R.T. -0.000 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

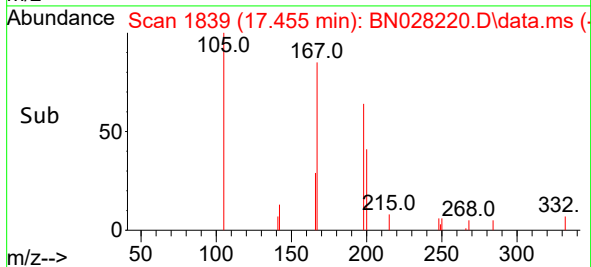
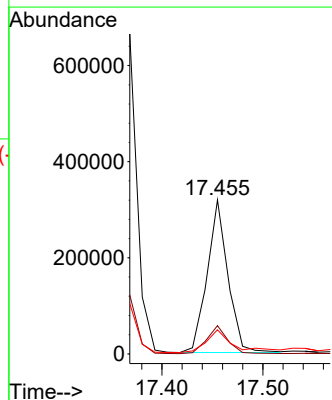
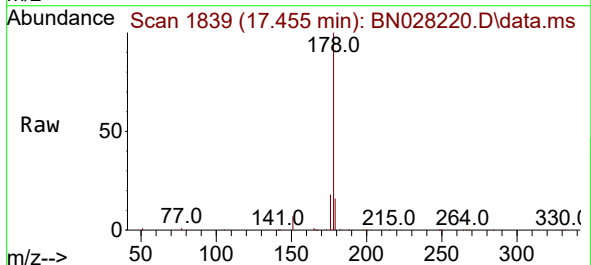
Instrument :  
BNA\_N  
ClientSampleId :  
D-1(0-5)MS

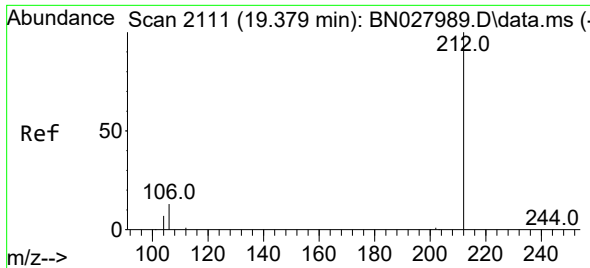
Tgt Ion:178 Resp: 1068862  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.3 22.9  
179 15.8 12.4 18.6



#26  
Anthracene  
Concen: 14.521 ng  
RT: 17.455 min Scan# 1839  
Delta R.T. -0.000 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

Tgt Ion:178 Resp: 452502  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.7 22.1  
179 19.4 12.2 18.2#

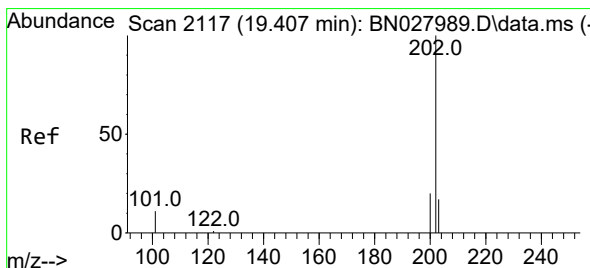
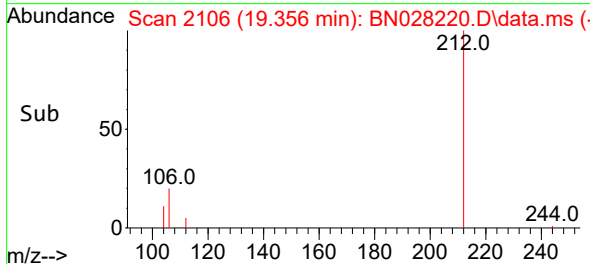
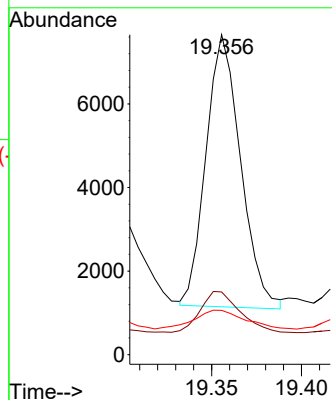
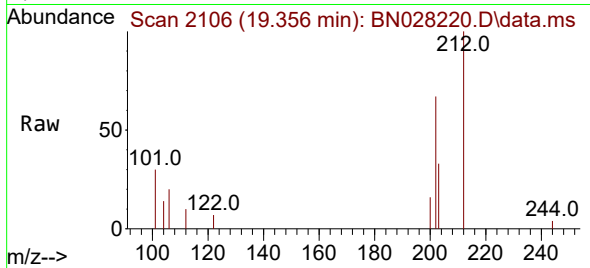




#27  
Fluoranthene-d10  
Concen: 0.284 ng  
RT: 19.356 min Scan# 2110  
Delta R.T. -0.000 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

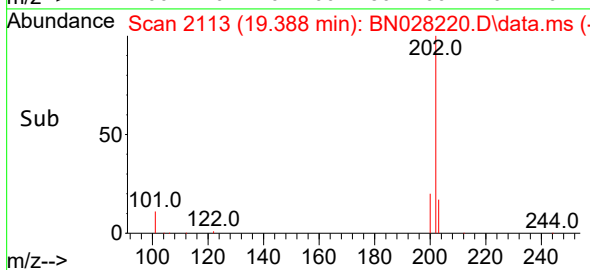
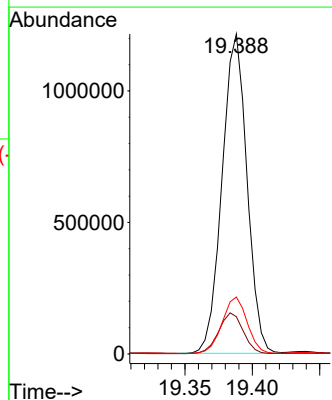
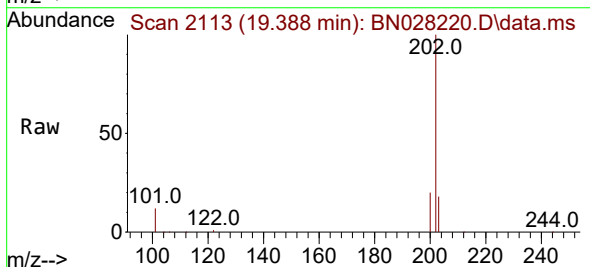
Instrument :  
BNA\_N  
ClientSampleId :  
D-1(0-5)MS

Tgt Ion:212 Resp: 8720  
Ion Ratio Lower Upper  
212 100  
106 17.2 11.3 16.9#  
104 10.1 6.4 9.6#

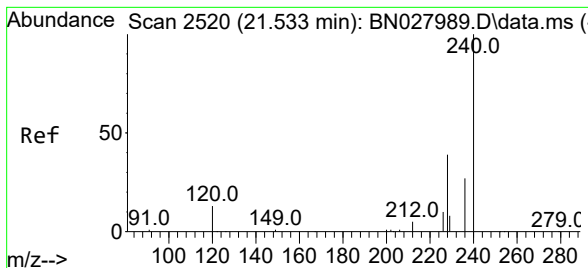


#28  
Fluoranthene  
Concen: 40.936 ng  
RT: 19.388 min Scan# 2113  
Delta R.T. 0.004 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

Tgt Ion:202 Resp: 1557556  
Ion Ratio Lower Upper  
202 100  
101 12.7 9.8 14.6  
203 17.8 13.8 20.8







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.515 min Scan# 2118

Delta R.T. -0.000 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

Instrument :

BNA\_N

ClientSampleId :

D-1(0-5)MS

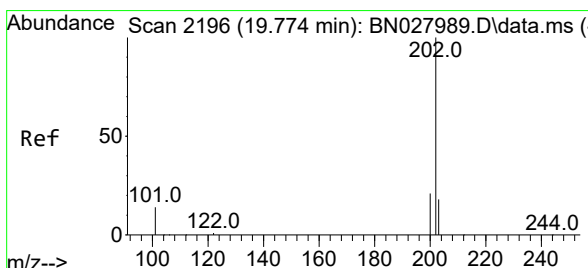
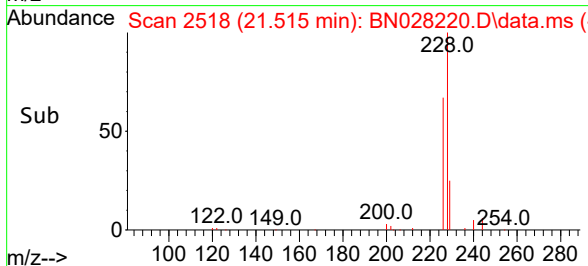
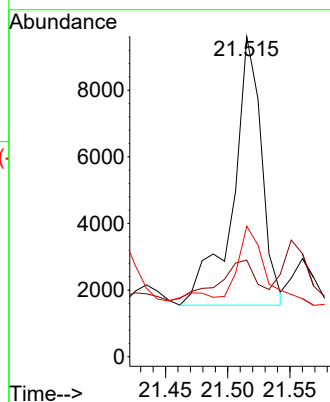
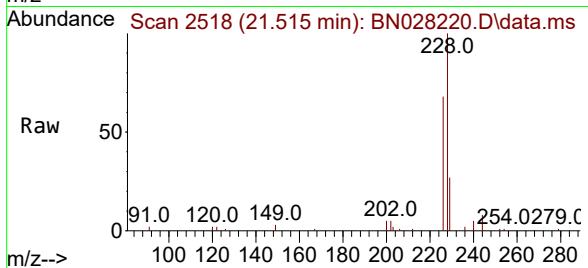
Tgt Ion:240 Resp: 12968

Ion Ratio Lower Upper

240 100

120 30.2 13.8 20.6#

236 40.7 22.6 33.8#



#30

Pyrene

Concen: 38.242 ng

RT: 19.755 min Scan# 2192

Delta R.T. 0.004 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

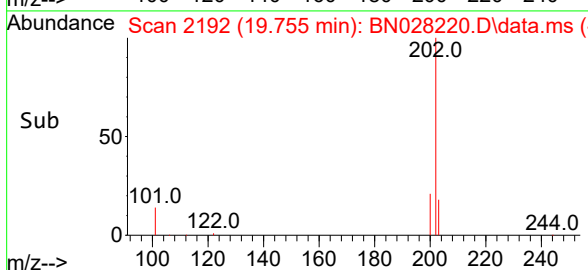
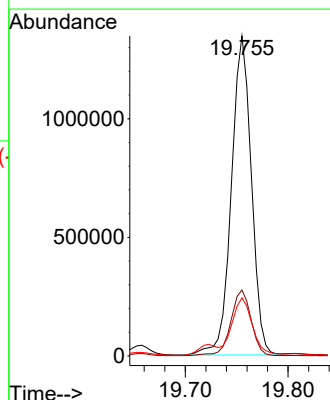
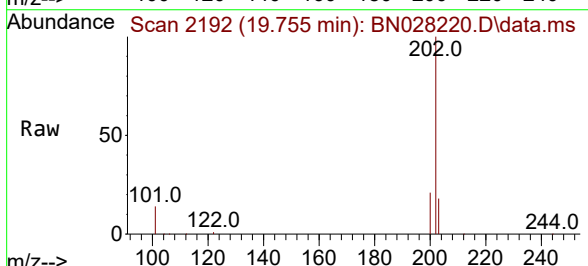
Tgt Ion:202 Resp: 1818521

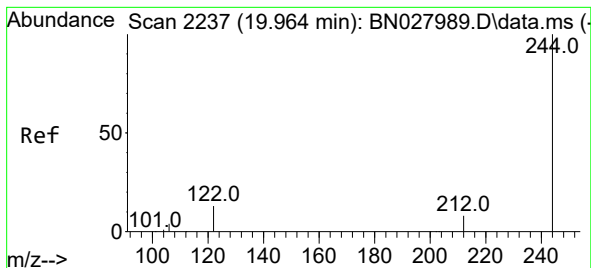
Ion Ratio Lower Upper

202 100

200 20.8 16.5 24.7

203 17.6 14.7 22.1





#31

Terphenyl-d14

Concen: 0.272 ng

RT: 19.941 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

Instrument :

BNA\_N

ClientSampleId :

D-1(0-5)MS

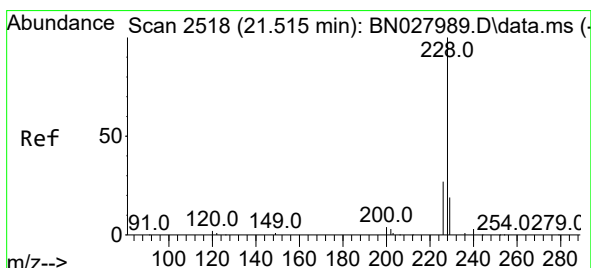
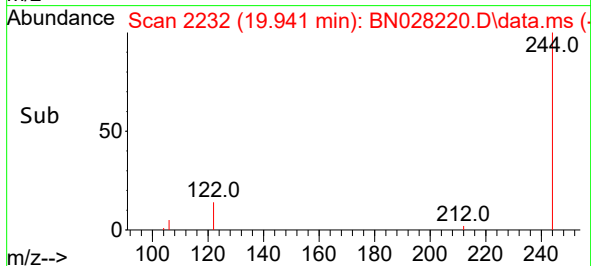
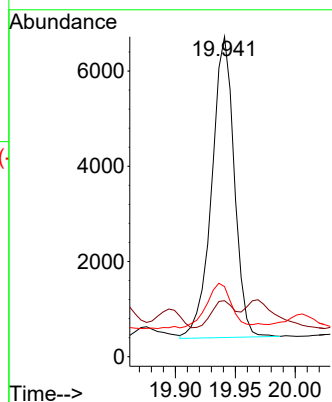
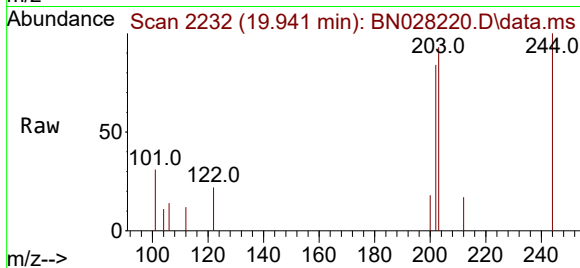
Tgt Ion:244 Resp: 8228

Ion Ratio Lower Upper

244 100

212 17.5 6.6 9.8#

122 21.9 11.4 17.0#



#32

Benzo(a)anthracene

Concen: 23.362 ng

RT: 21.497 min Scan# 2516

Delta R.T. -0.000 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

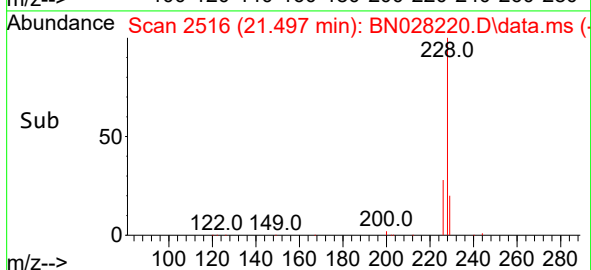
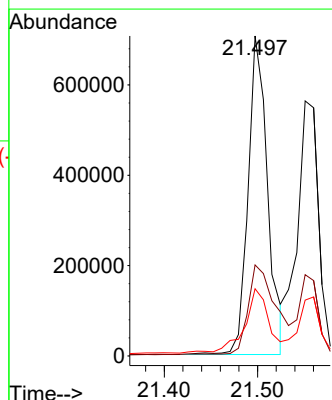
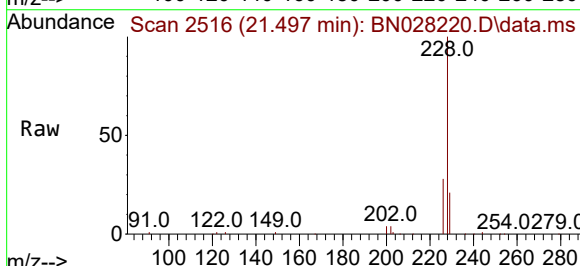
Tgt Ion:228 Resp: 1030913

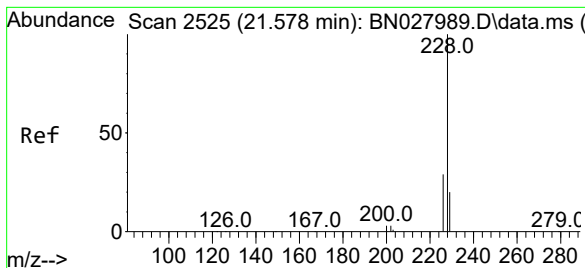
Ion Ratio Lower Upper

228 100

226 28.4 22.0 33.0

229 21.0 16.0 24.0





#33

Chrysene

Concen: 20.982 ng

RT: 21.551 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

Instrument :

BNA\_N

ClientSampleId :

D-1(0-5)MS

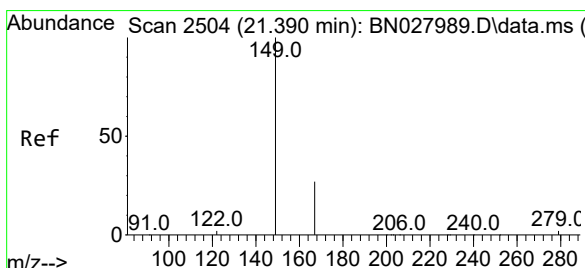
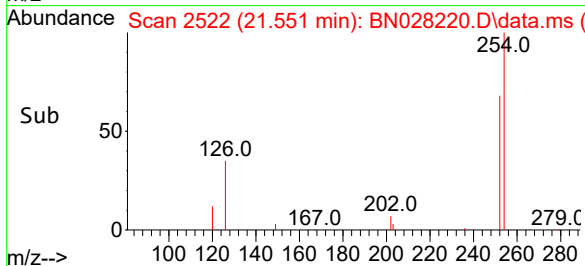
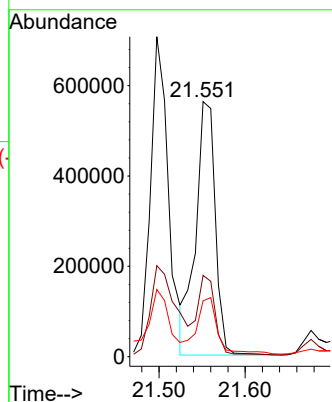
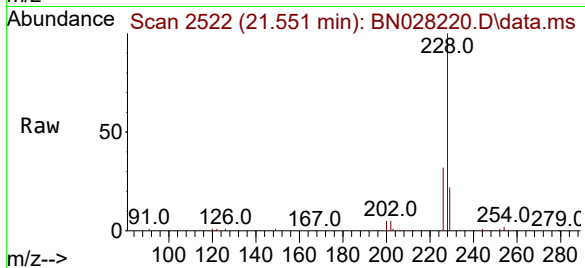
Tgt Ion:228 Resp: 892291

Ion Ratio Lower Upper

228 100

226 31.9 23.8 35.8

229 21.9 16.6 25.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.532 ng

RT: 21.372 min Scan# 2502

Delta R.T. 0.009 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

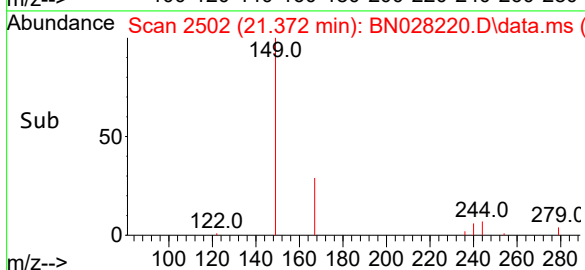
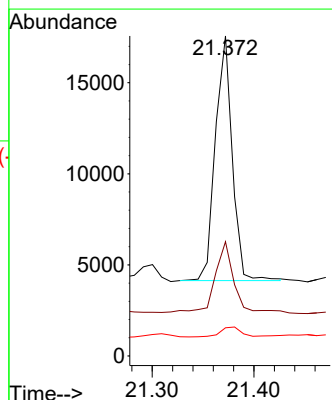
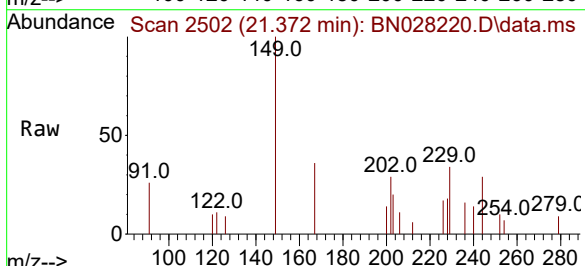
Tgt Ion:149 Resp: 15445

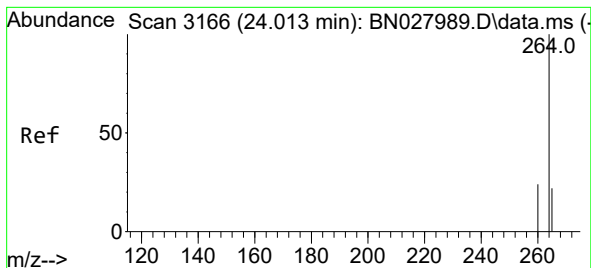
Ion Ratio Lower Upper

149 100

167 31.4 22.1 33.1

279 5.1 3.4 5.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.984 min Scan# 31

Delta R.T. 0.009 min

Lab File: BN028220.D

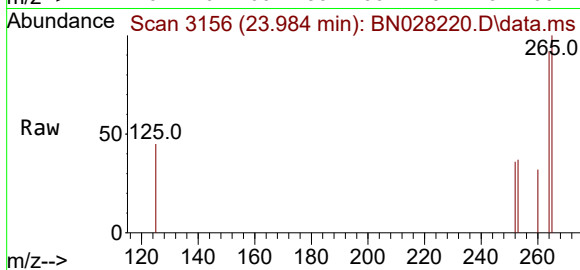
Acq: 11 Oct 2023 05:58

Instrument :

BNA\_N

ClientSampleId :

D-1(0-5)MS



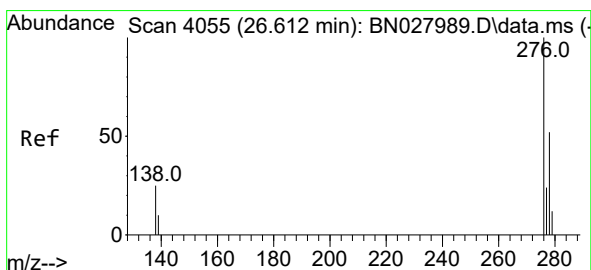
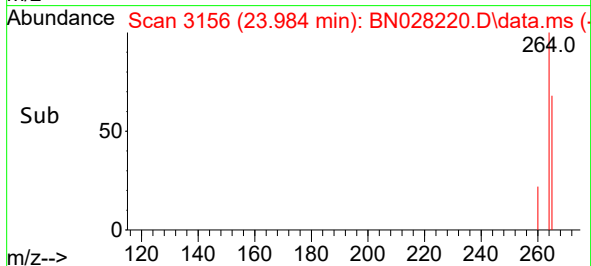
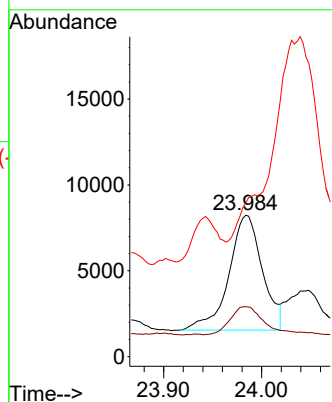
Tgt Ion:264 Resp: 15998

Ion Ratio Lower Upper

264 100

260 35.3 20.2 30.4#

265 108.8 54.8 82.2#



#36

Indeno(1,2,3-cd)pyrene

Concen: 9.549 ng

RT: 26.580 min Scan# 4044

Delta R.T. 0.023 min

Lab File: BN028220.D

Acq: 11 Oct 2023 05:58

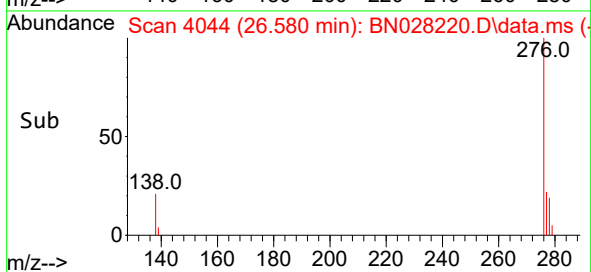
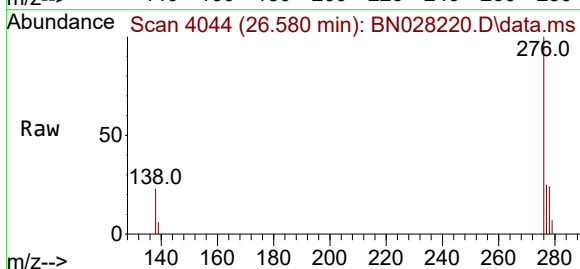
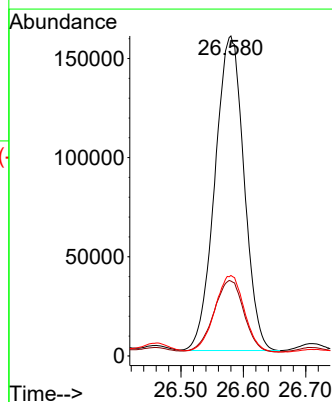
Tgt Ion:276 Resp: 513858

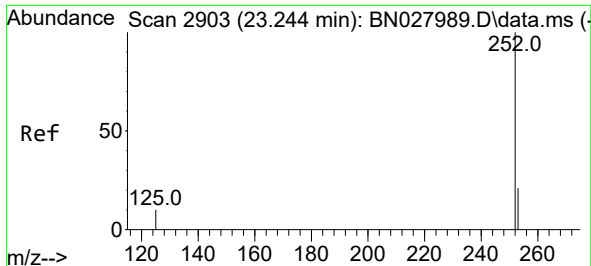
Ion Ratio Lower Upper

276 100

138 23.5 20.9 31.3

277 24.7 19.8 29.6

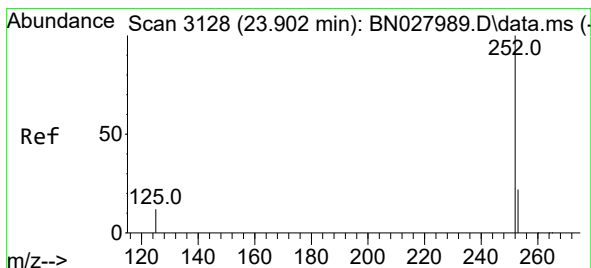
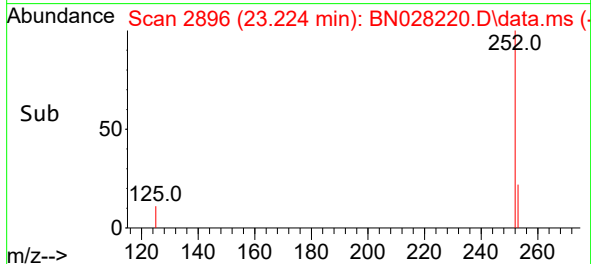
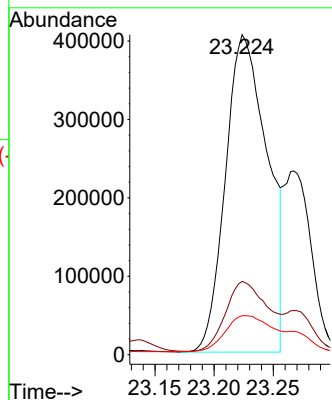
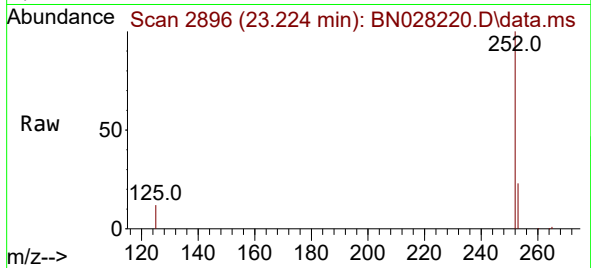




#37  
Benzo(b)fluoranthene  
Concen: 19.295 ng  
RT: 23.224 min Scan# 21  
Delta R.T. 0.011 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

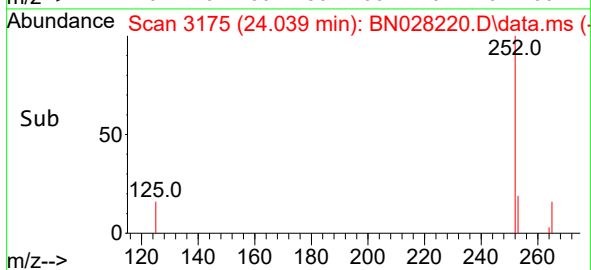
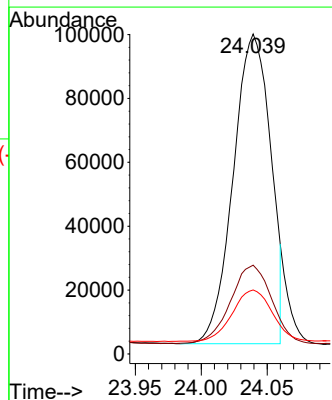
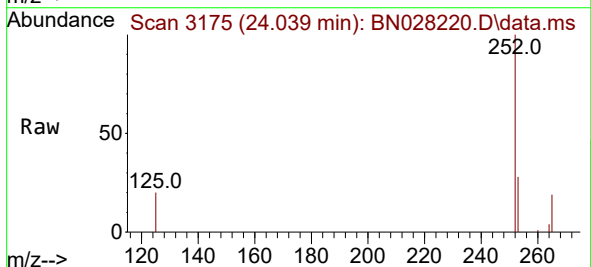
Instrument :  
BNA\_N  
ClientSampleId :  
D-1(0-5)MS

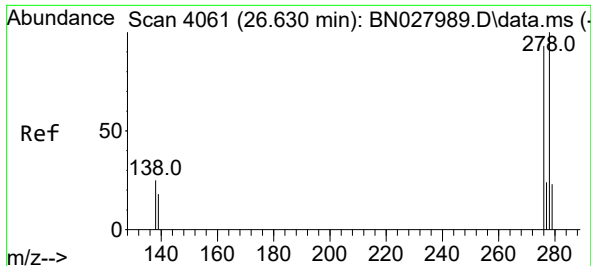
Tgt Ion:252 Resp: 996907  
Ion Ratio Lower Upper  
252 100  
253 22.9 22.9 34.3  
125 12.2 13.8 20.8#



#39  
Benzo(a)pyrene  
Concen: 3.890 ng  
RT: 24.039 min Scan# 3175  
Delta R.T. 0.175 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

Tgt Ion:252 Resp: 190057  
Ion Ratio Lower Upper  
252 100  
253 27.8 25.0 37.4  
125 20.0 16.6 24.8

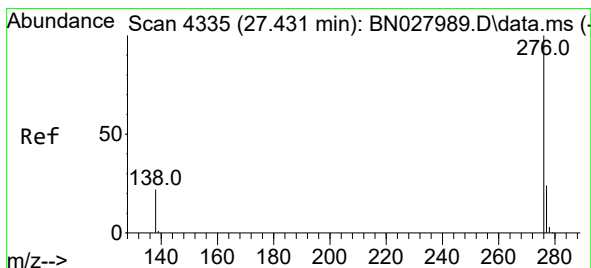
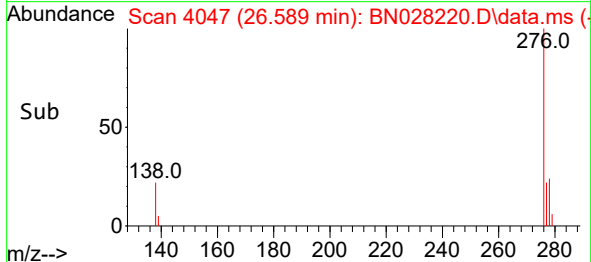
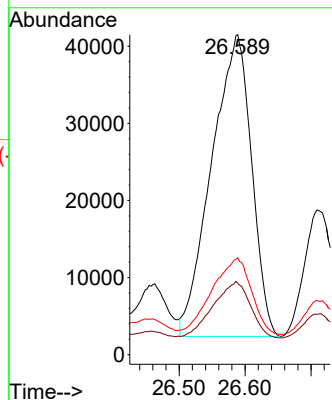
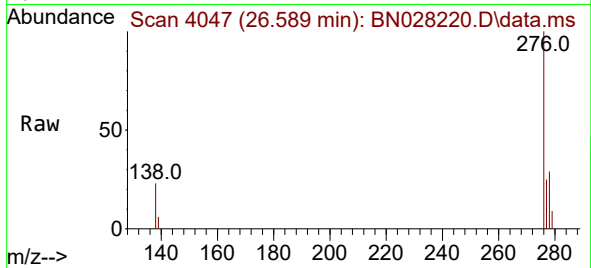




#40  
Dibenzo(a,h)anthracene  
Concen: 3.745 ng  
RT: 26.589 min Scan# 4061  
Delta R.T. 0.011 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

Instrument :  
BNA\_N  
ClientSampleId :  
D-1(0-5)MS

Tgt Ion:278 Resp: 164854  
Ion Ratio Lower Upper  
278 100  
139 22.4 17.7 26.5  
279 30.3 25.2 37.8



#41  
Benzo(g,h,i)perylene  
Concen: 11.459 ng  
RT: 27.396 min Scan# 4323  
Delta R.T. 0.029 min  
Lab File: BN028220.D  
Acq: 11 Oct 2023 05:58

Tgt Ion:276 Resp: 517790  
Ion Ratio Lower Upper  
276 100  
277 24.8 22.1 33.1  
138 24.1 20.8 31.2

