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 Data File : BN024471.D  
 Acq On : 22 Mar 2023 07:03  
 Operator : CG/JU  
 Sample : SP6167  
 Misc : 8270 SIM SURROGATE  
 ALS Vial : 19 Sample Multiplier: 1

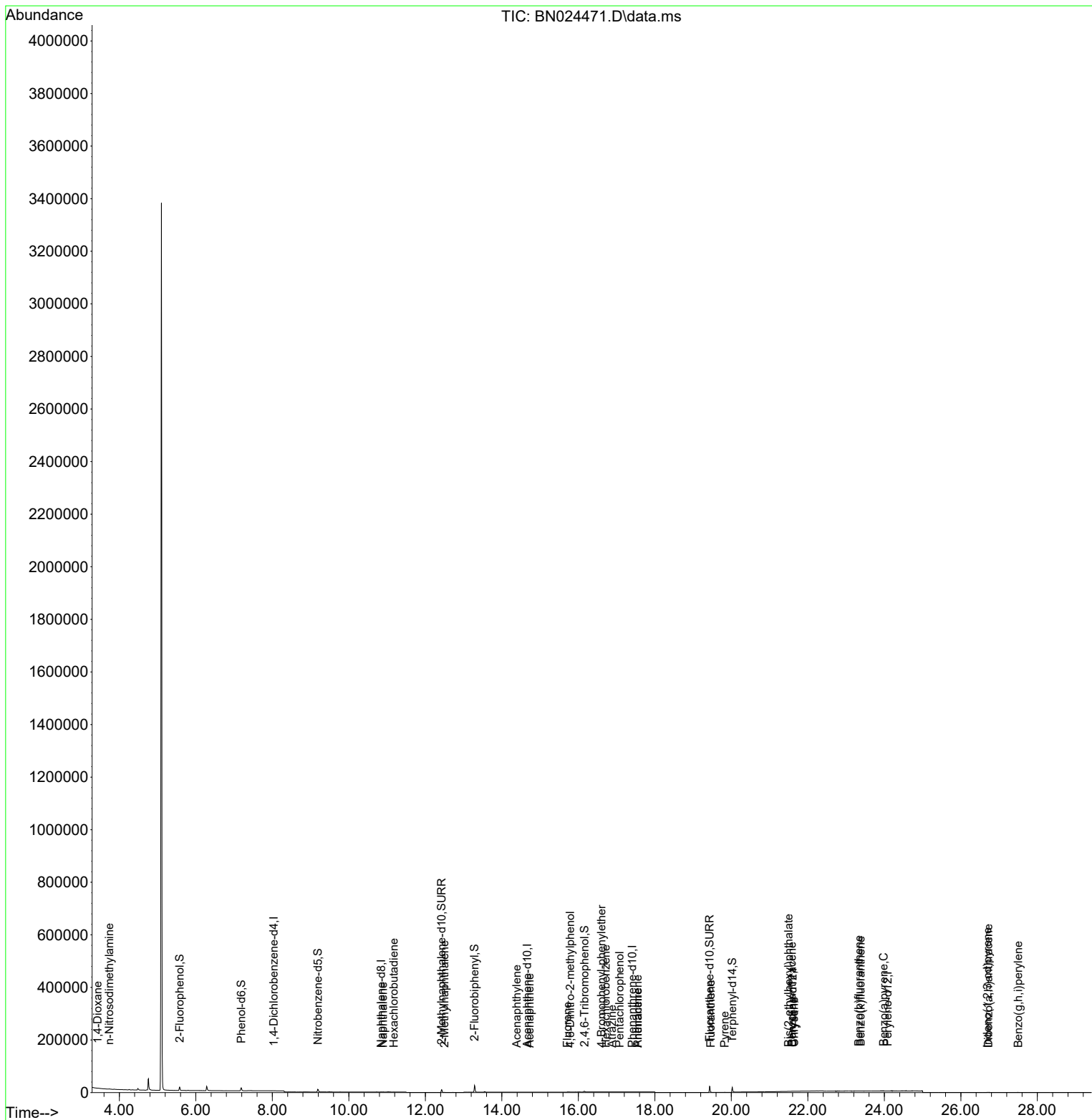
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP6167

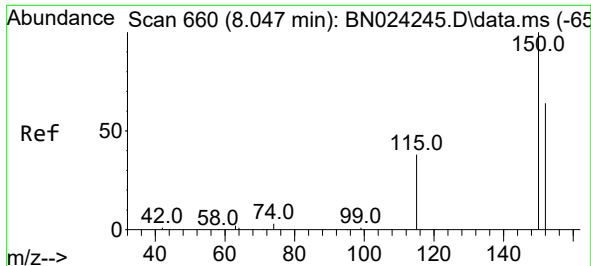
Quant Time: Mar 22 07:34:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 22 04:14:21 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.033  | 152  | 133      | 0.400  | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.845 | 136  | 320      | 0.400  | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.665 | 164  | 180      | 0.400  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.413 | 188  | 302      | 0.400  | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.601 | 240  | 262      | 0.400  | ng    | # 0.00   |
| 35) Perylene-d12              | 24.088 | 264  | 158      | 0.400  | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) 2-Fluorophenol             | 5.577  | 112  | 10109    | 34.327 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.188  | 99   | 11675    | 30.857 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.190  | 82   | 9105     | 42.584 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.425 | 152  | 15448    | 39.275 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.159 | 330  | 2114     | 22.978 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.285 | 172  | 23340    | 34.328 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.433 | 212  | 26081    | 40.737 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.025 | 244  | 14143    | 32.016 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 3.432  | 88   | 56       | 0.387  | ng    | # 17     |
| 3) n-Nitrosodimethylamine     | 3.735  | 42   | 272      | 1.282  | ng    | # 4      |
| 9) Naphthalene                | 10.898 | 128  | 315      | 0.387  | ng    | # 40     |
| 10) Hexachlorobutadiene       | 11.176 | 225  | 69       | 0.447  | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.497 | 142  | 211      | 0.384  | ng    | # 64     |
| 16) Acenaphthylene            | 14.387 | 152  | 279      | 0.327  | ng    | # 89     |
| 17) Acenaphthene              | 14.729 | 154  | 194      | 0.357  | ng    | 94       |
| 18) Fluorene                  | 15.712 | 166  | 206      | 0.317  | ng    | # 84     |
| 20) 4,6-Dinitro-2-methylph... | 15.787 | 198  | 7        | 0.302  | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.606 | 248  | 65       | 0.362  | ng    | # 53     |
| 22) Hexachlorobenzene         | 16.718 | 284  | 86       | 0.390  | ng    | # 63     |
| 23) Atrazine                  | 16.879 | 200  | 52       | 0.456  | ng    | # 24     |
| 24) Pentachlorophenol         | 17.078 | 266  | 61       | 0.584  | ng    | # 76     |
| 25) Phenanthrene              | 17.549 | 178  | 321      | 0.359  | ng    | 93       |
| 26) Anthracene                | 17.549 | 178  | 307      | 0.372  | ng    | 95       |
| 28) Fluoranthene              | 19.463 | 202  | 379      | 0.387  | ng    | 97       |
| 30) Pyrene                    | 19.825 | 202  | 374      | 0.352  | ng    | # 91     |
| 32) Benzo(a)anthracene        | 21.583 | 228  | 246      | 0.281  | ng    | # 46     |
| 33) Chrysene                  | 21.637 | 228  | 286      | 0.306  | ng    | # 51     |
| 34) Bis(2-ethylhexyl)phtha... | 21.493 | 149  | 468      | 1.137  | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.696 | 276  | 257      | 0.434  | ng    | # 52     |
| 37) Benzo(b)fluoranthene      | 23.334 | 252  | 233      | 0.379  | ng    | # 1      |
| 38) Benzo(k)fluoranthene      | 23.380 | 252  | 231      | 0.364  | ng    | # 1      |
| 39) Benzo(a)pyrene            | 23.977 | 252  | 178      | 0.316  | ng    | # 1      |
| 40) Dibenzo(a,h)anthracene    | 26.719 | 278  | 230      | 0.502  | ng    | # 1      |
| 41) Benzo(g,h,i)perylene      | 27.497 | 276  | 248      | 0.464  | ng    | # 1      |

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

Quant Time: Mar 22 07:34:44 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 22 04:14:21 2023  
Response via : Initial Calibration

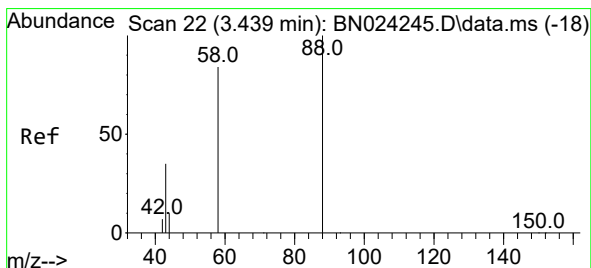
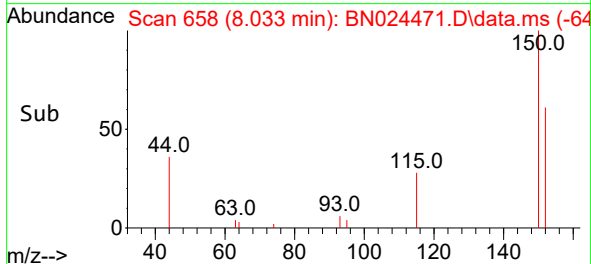
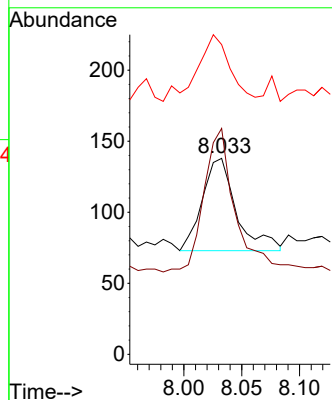
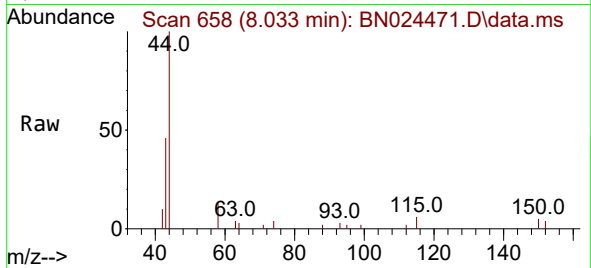




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.033 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

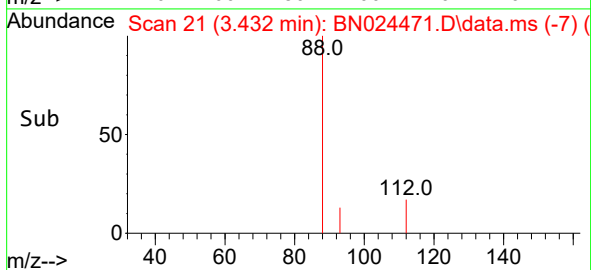
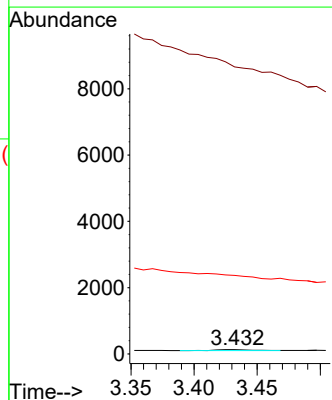
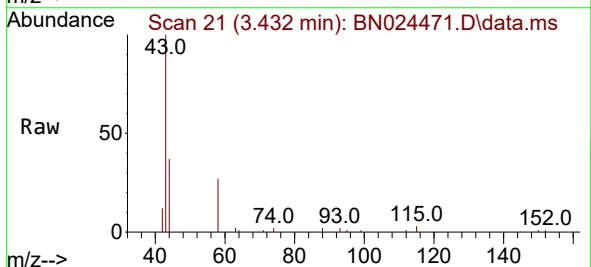
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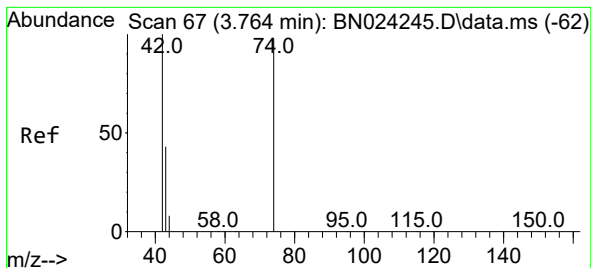
Tgt Ion:152 Resp: 133  
Ion Ratio Lower Upper  
152 100  
150 115.2 124.7 187.1#  
115 158.0 49.1 73.7#



#2  
1,4-Dioxane  
Concen: 0.387 ng  
RT: 3.432 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Tgt Ion: 88 Resp: 56  
Ion Ratio Lower Upper  
88 100  
43 0.0 29.0 43.4#  
58 0.0 67.3 100.9#

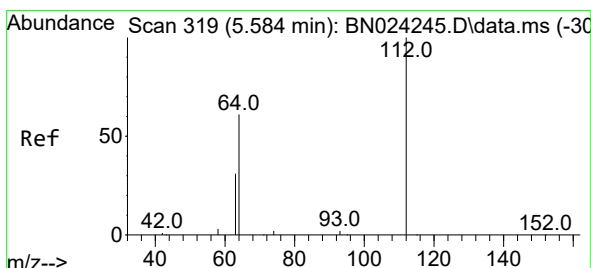
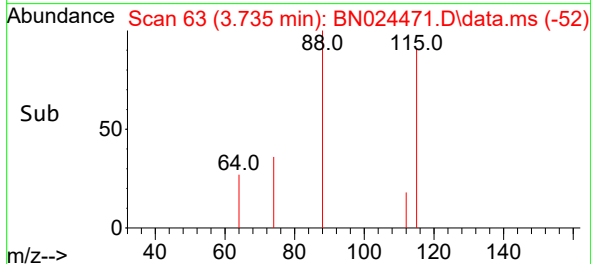
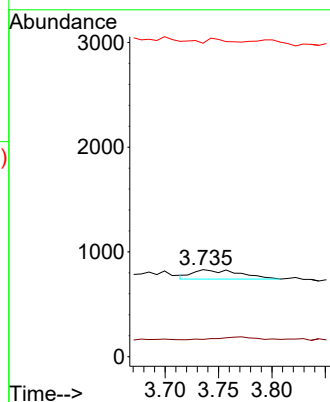
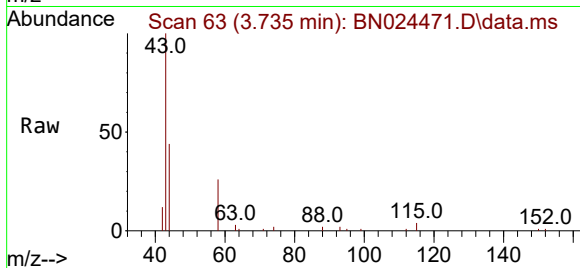




#3  
n-Nitrosodimethylamine  
Concen: 1.282 ng  
RT: 3.735 min Scan# 61  
Delta R.T. -0.022 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

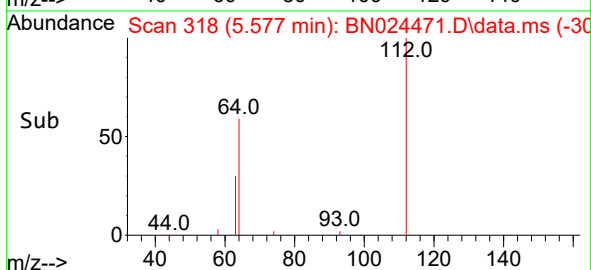
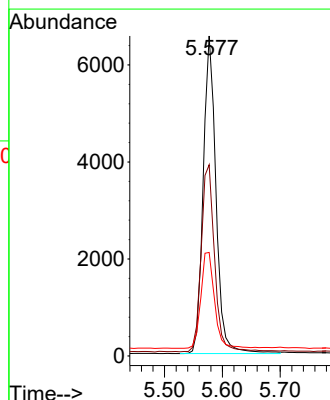
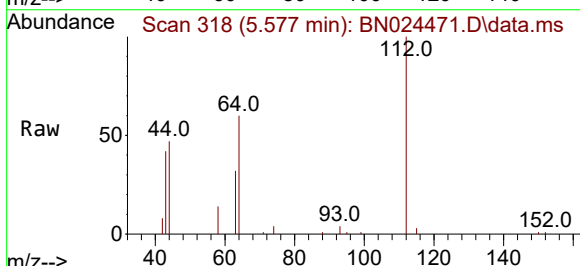
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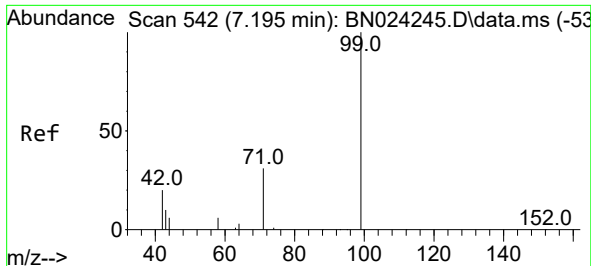
Tgt Ion: 42 Resp: 272  
Ion Ratio Lower Upper  
42 100  
74 0.0 81.6 122.4#  
44 23.9 7.3 10.9#



#4  
2-Fluorophenol  
Concen: 34.327 ng  
RT: 5.577 min Scan# 318  
Delta R.T. -0.000 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Tgt Ion: 112 Resp: 10109  
Ion Ratio Lower Upper  
112 100  
64 62.1 49.0 73.6  
63 32.1 25.7 38.5

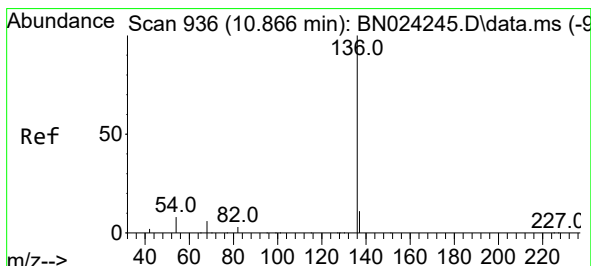
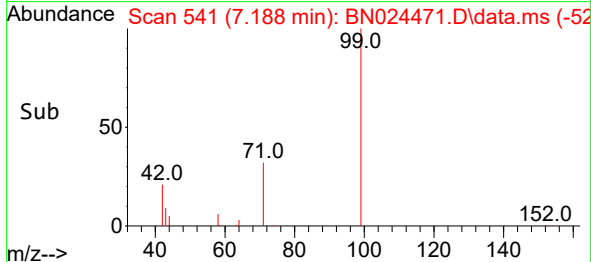
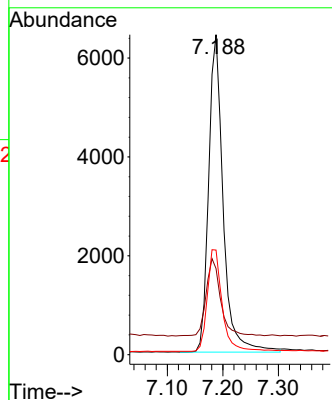
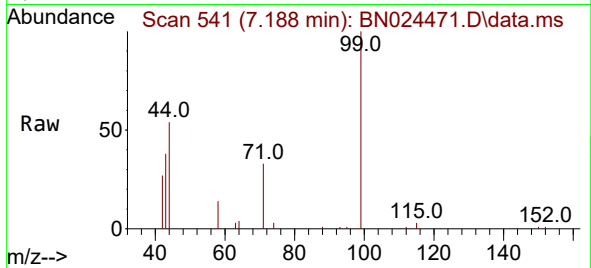




#5  
Phenol-d6  
Concen: 30.857 ng  
RT: 7.188 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

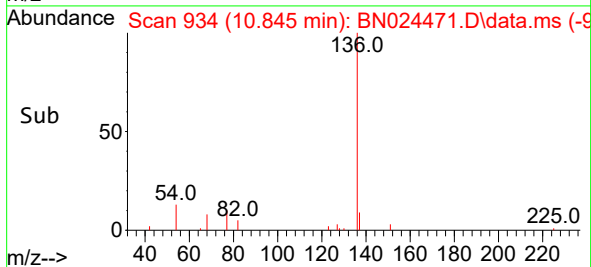
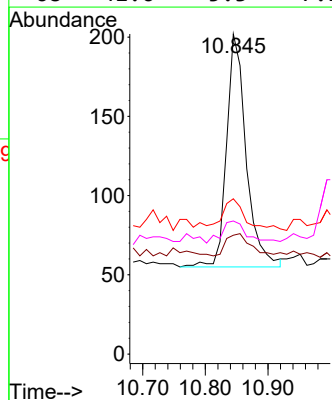
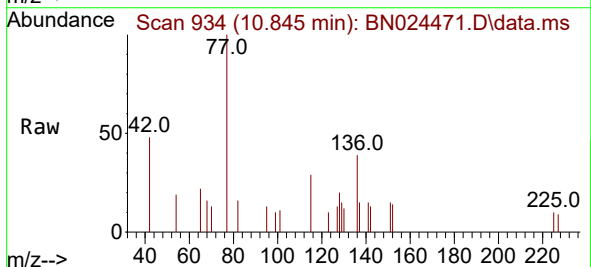
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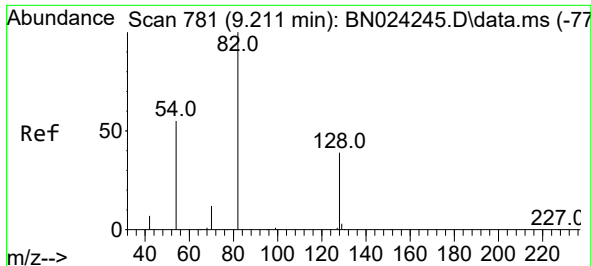
Tgt Ion: 99 Resp: 11675  
Ion Ratio Lower Upper  
99 100  
42 24.3 20.1 30.1  
71 33.2 25.8 38.8



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.845 min Scan# 934  
Delta R.T. -0.000 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Tgt Ion: 136 Resp: 320  
Ion Ratio Lower Upper  
136 100  
137 37.1 8.9 13.3#  
54 48.5 7.1 10.7#  
68 41.6 5.3 7.9#

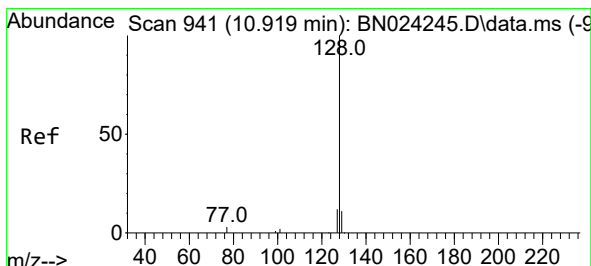
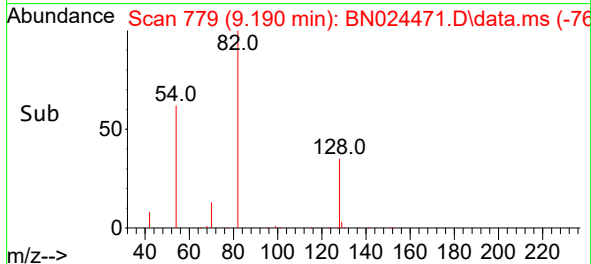
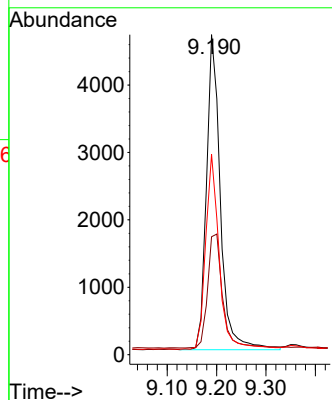
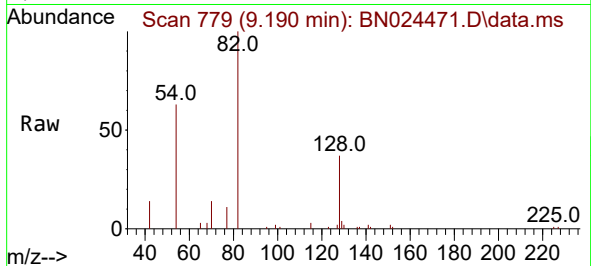




#8  
Nitrobenzene-d5  
Concen: 42.584 ng  
RT: 9.190 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

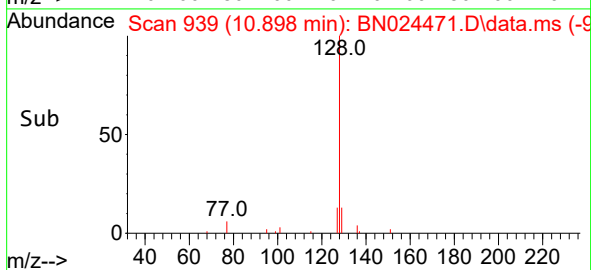
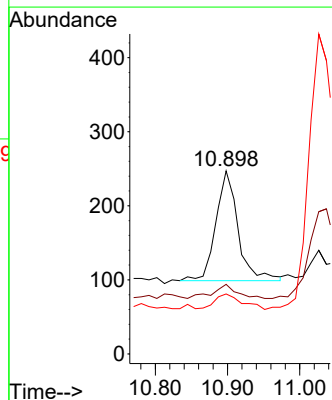
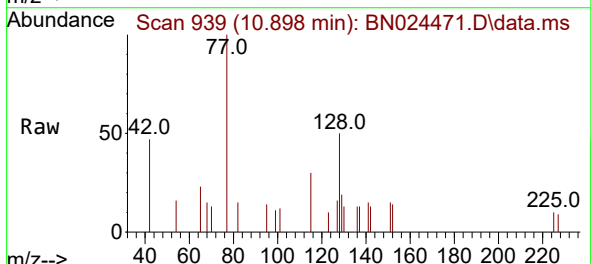
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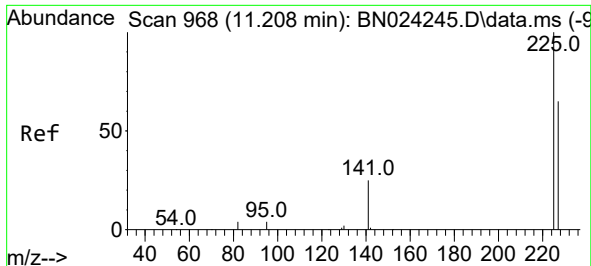
Tgt Ion: 82 Resp: 9105  
Ion Ratio Lower Upper  
82 100  
128 36.8 32.4 48.6  
54 62.6 45.2 67.8



#9  
Naphthalene  
Concen: 0.387 ng  
RT: 10.898 min Scan# 939  
Delta R.T. -0.000 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Tgt Ion: 128 Resp: 315  
Ion Ratio Lower Upper  
128 100  
129 38.1 9.0 13.6#  
127 32.8 10.2 15.4#

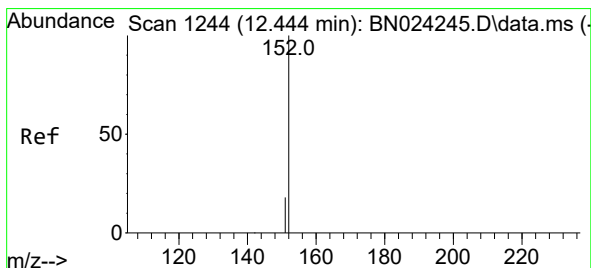
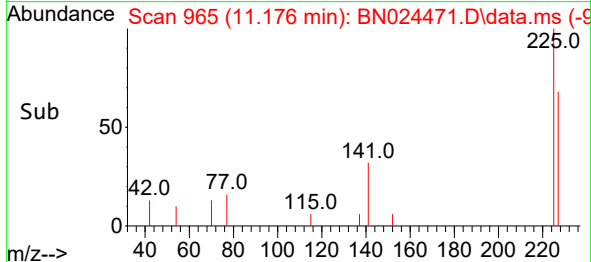
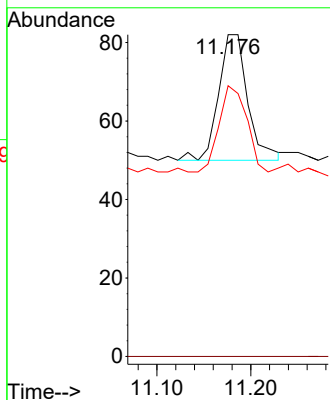
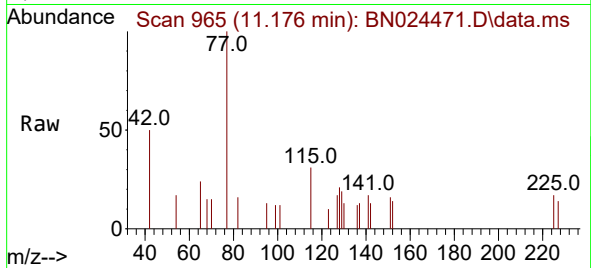




#10  
Hexachlorobutadiene  
Concen: 0.447 ng  
RT: 11.176 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

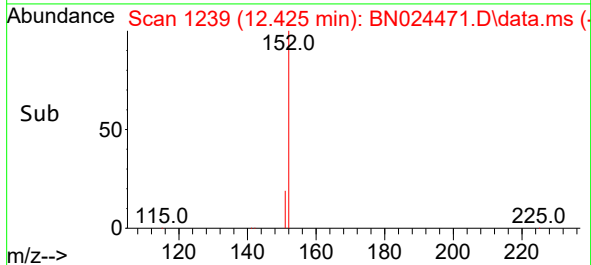
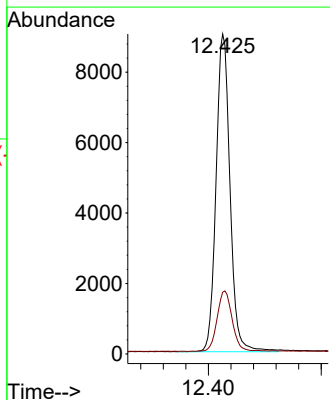
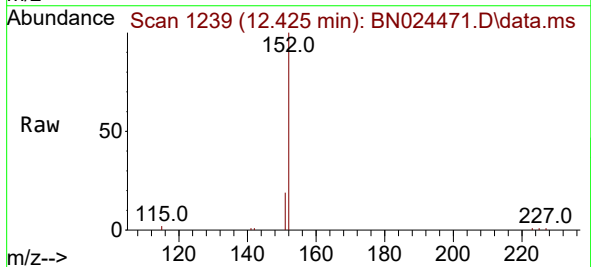
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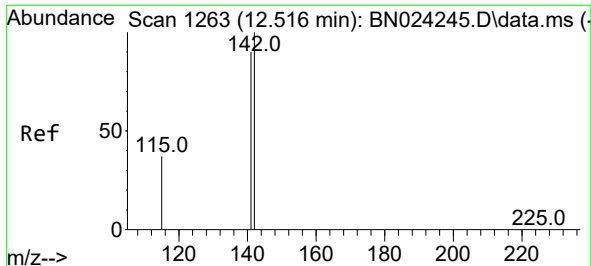
Tgt Ion:225 Resp: 69  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 65.2 51.0 76.4



#11  
2-Methylnaphthalene-d10  
Concen: 39.275 ng  
RT: 12.425 min Scan# 1239  
Delta R.T. -0.004 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Tgt Ion:152 Resp: 15448  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.8 25.2

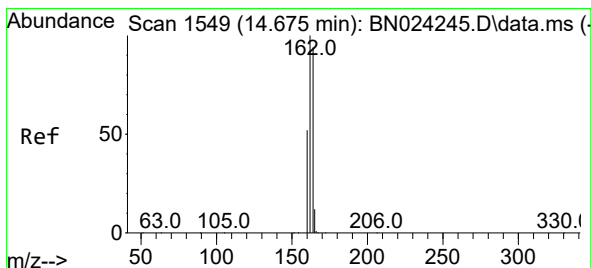
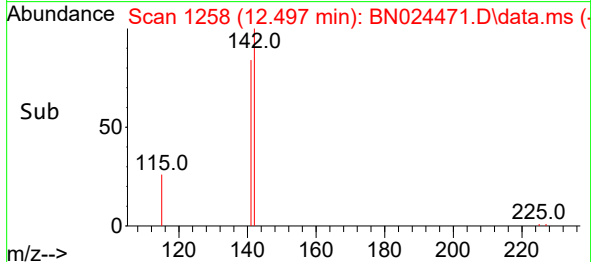
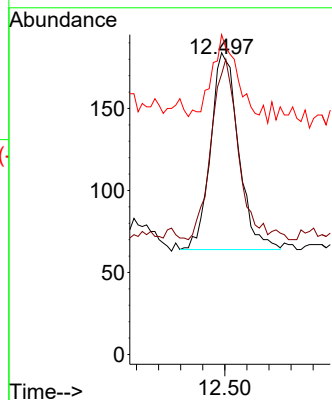
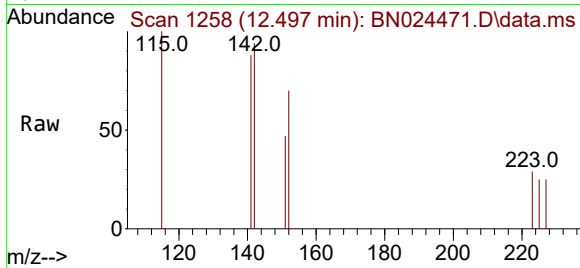




#12  
2-Methylnaphthalene  
Concen: 0.384 ng  
RT: 12.497 min Scan# 1258  
Delta R.T. -0.004 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

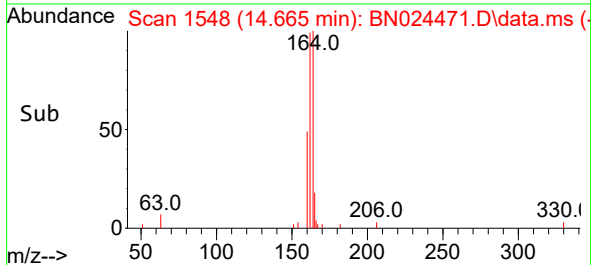
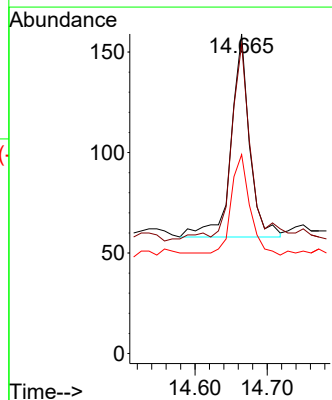
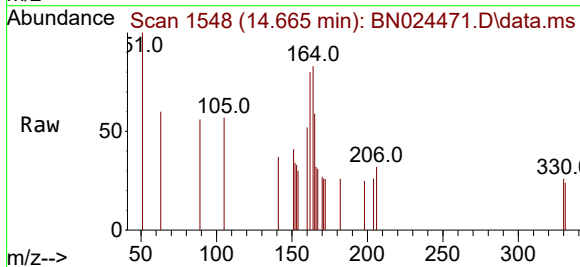
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Tgt Ion:142 Resp: 211  
Ion Ratio Lower Upper  
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141 92.9 71.8 107.6  
115 106.0 30.0 45.0#

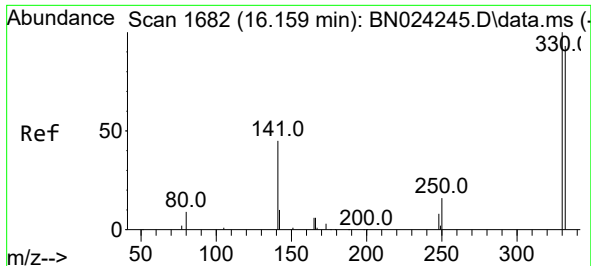


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.665 min Scan# 1548  
Delta R.T. -0.000 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Tgt Ion:164 Resp: 180  
Ion Ratio Lower Upper  
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162 96.9 84.7 127.1  
160 62.3 44.6 66.8



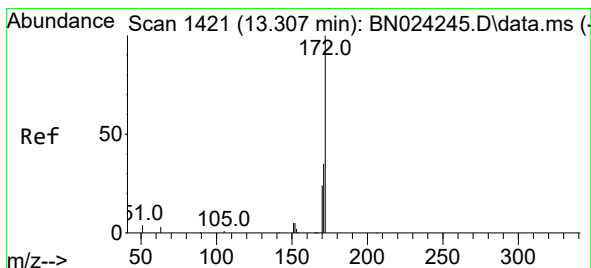
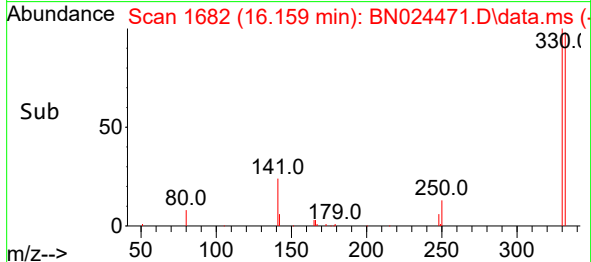
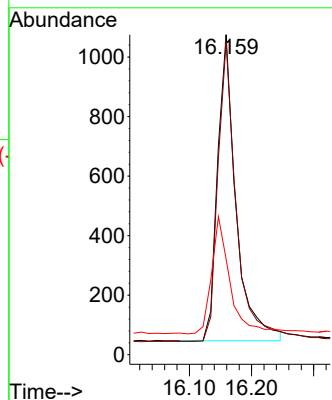
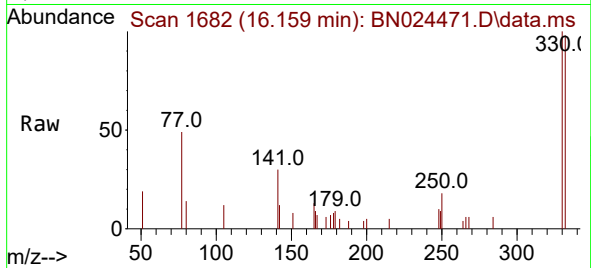




#14  
2,4,6-Tribromophenol  
Concen: 22.978 ng  
RT: 16.159 min Scan# 1  
Delta R.T. 0.012 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

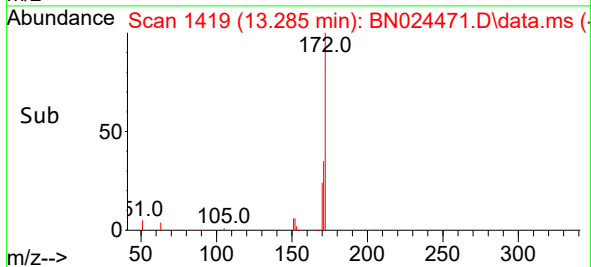
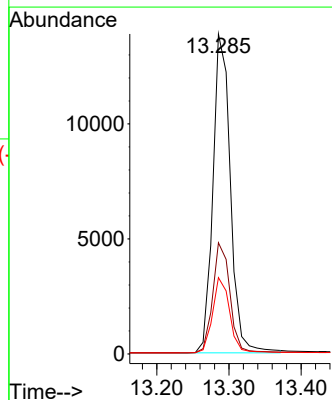
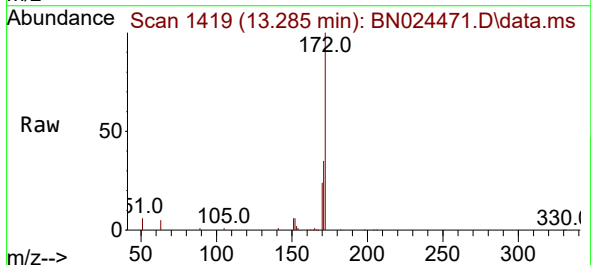
Instrument :  
BNA\_N  
ClientSampleId :  
SP6167

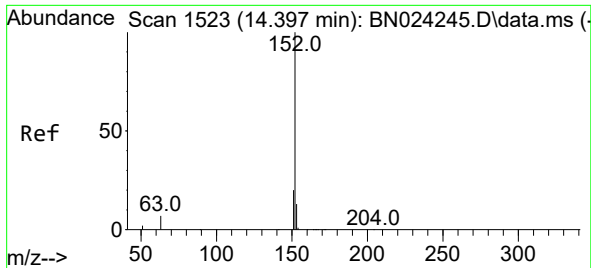
Tgt Ion: 330 Resp: 2114  
Ion Ratio Lower Upper  
330 100  
332 97.8 78.0 117.0  
141 38.6 30.8 46.2



#15  
2-Fluorobiphenyl  
Concen: 34.328 ng  
RT: 13.285 min Scan# 1419  
Delta R.T. -0.011 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Tgt Ion: 172 Resp: 23340  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.8 41.8  
170 23.8 19.0 28.6

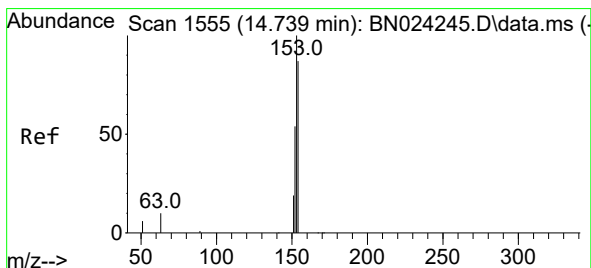
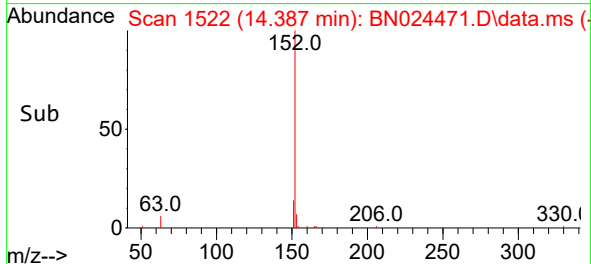
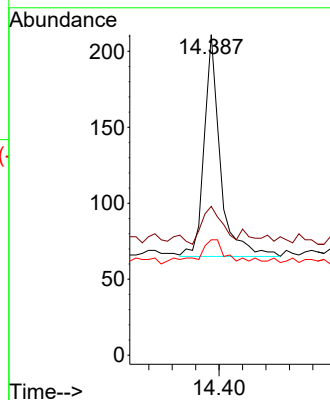
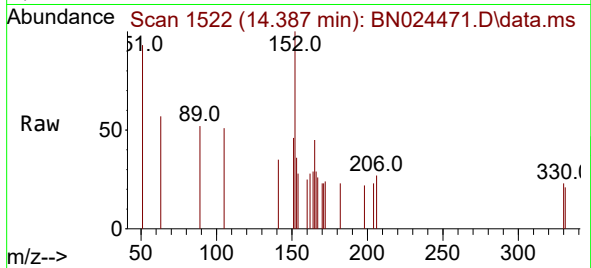




#16  
Acenaphthylene  
Concen: 0.327 ng  
RT: 14.387 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

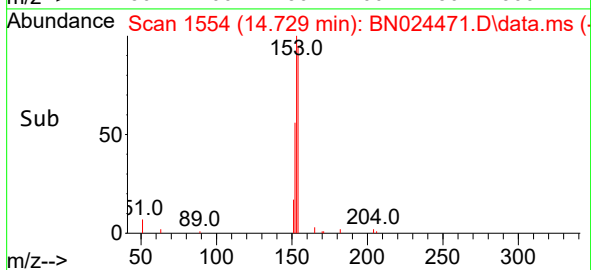
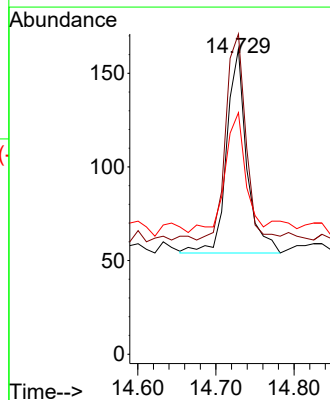
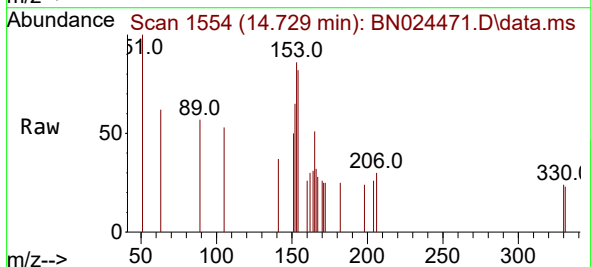
Instrument :  
BNA\_N  
ClientSampleId :  
SP6167

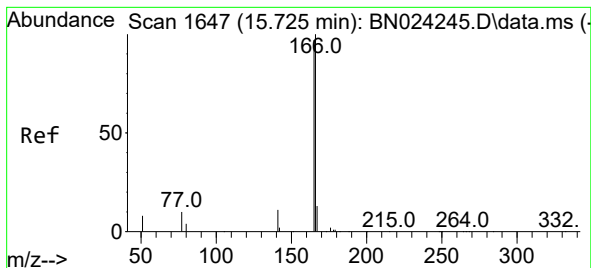
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:152 | Resp: | 279        |
| Ion Ratio   | Lower | Upper      |
| 152         | 100   |            |
| 151         | 21.5  | 15.4 23.0  |
| 153         | 20.8  | 10.4 15.6# |



#17  
Acenaphthene  
Concen: 0.357 ng  
RT: 14.729 min Scan# 1554  
Delta R.T. -0.000 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:154 | Resp: | 194        |
| Ion Ratio   | Lower | Upper      |
| 154         | 100   |            |
| 153         | 100.5 | 88.4 132.6 |
| 152         | 60.3  | 48.7 73.1  |





#18

Fluorene

Concen: 0.317 ng

RT: 15.712 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024471.D

Acq: 22 Mar 2023 07:03

Instrument :

BNA\_N

ClientSampleId :

SP6167

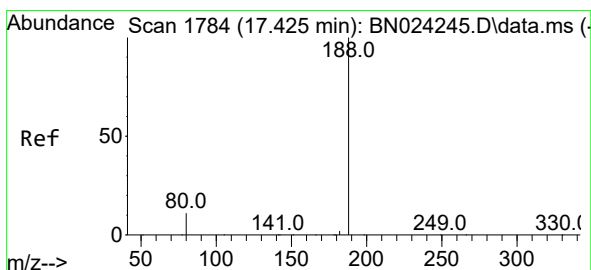
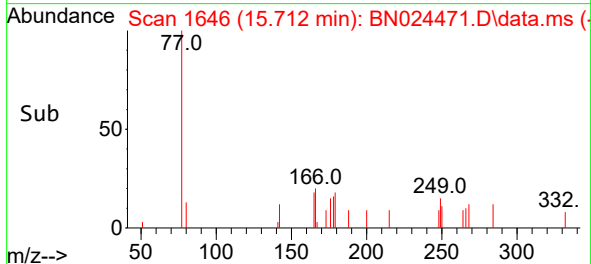
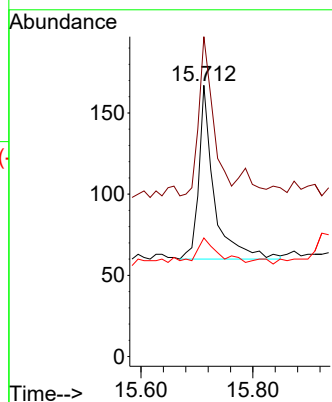
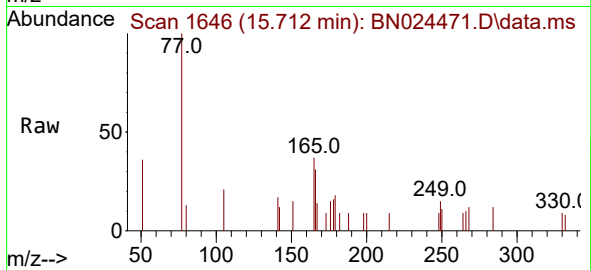
Tgt Ion:166 Resp: 206

Ion Ratio Lower Upper

166 100

165 84.0 80.2 120.2

167 20.9 10.8 16.2#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 1783

Delta R.T. -0.000 min

Lab File: BN024471.D

Acq: 22 Mar 2023 07:03

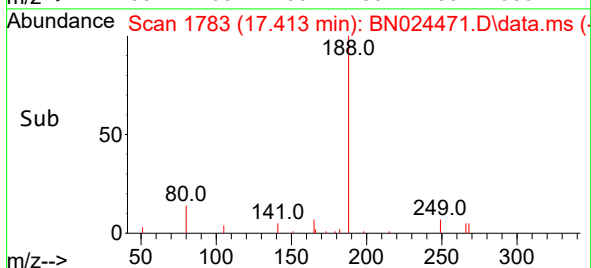
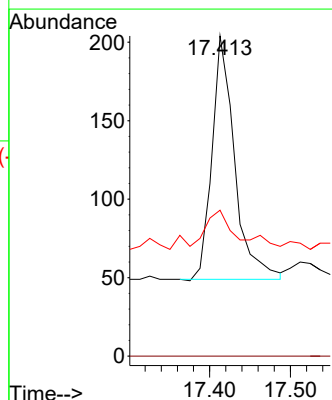
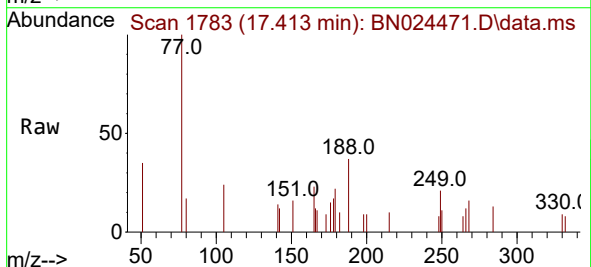
Tgt Ion:188 Resp: 302

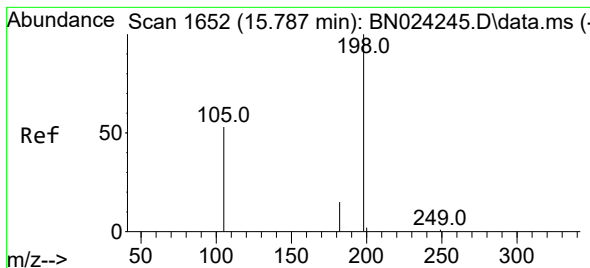
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 45.6 8.9 13.3#

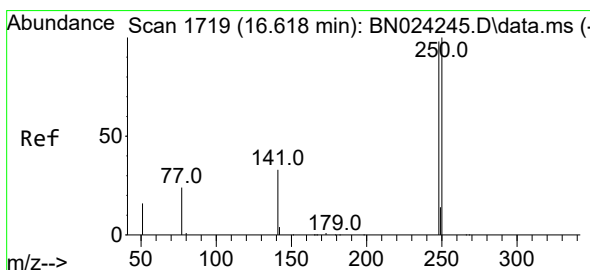
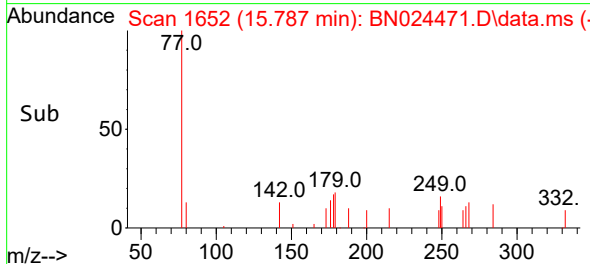
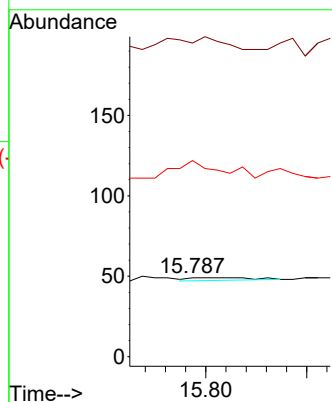
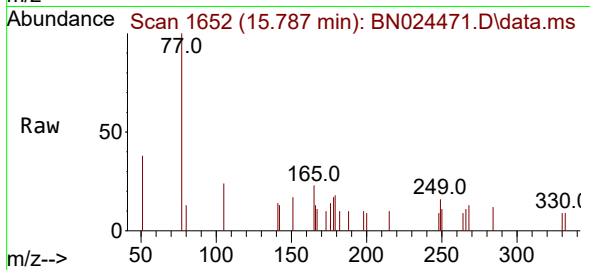




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.302 ng  
RT: 15.787 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

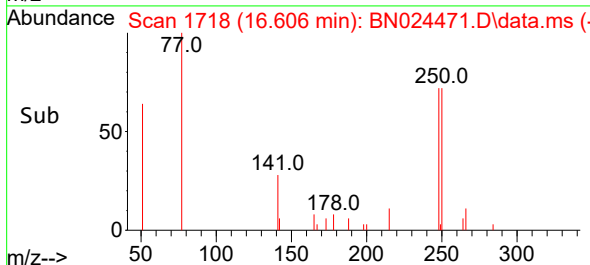
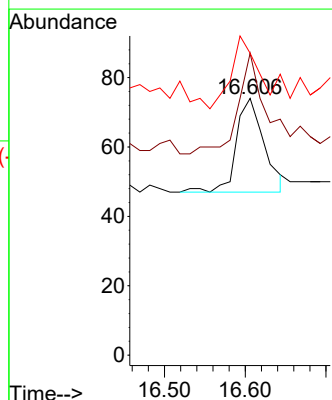
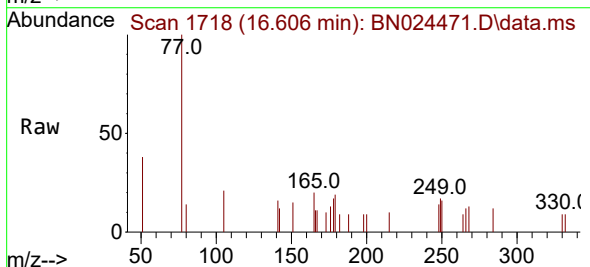
Instrument :  
BNA\_N  
ClientSampleId :  
SP6167

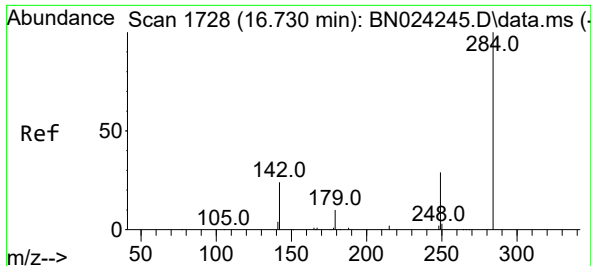
Tgt Ion:198 Resp: 7  
Ion Ratio Lower Upper  
198 100  
51 398.0 68.2 102.2#  
105 249.0 51.6 77.4#



#21  
4-Bromophenyl-phenylether  
Concen: 0.362 ng  
RT: 16.606 min Scan# 1718  
Delta R.T. 0.012 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Tgt Ion:248 Resp: 65  
Ion Ratio Lower Upper  
248 100  
250 117.6 81.9 122.9  
141 117.6 28.2 42.2#

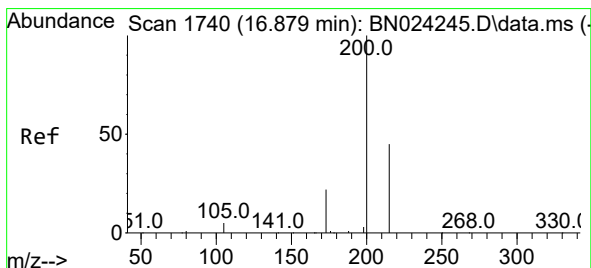
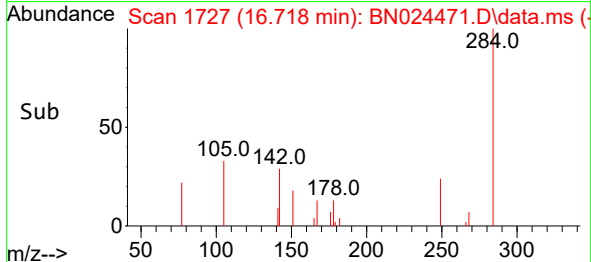
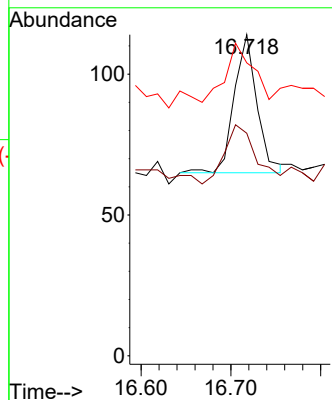
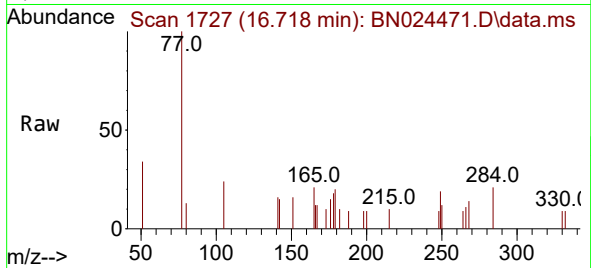




#22  
Hexachlorobenzene  
Concen: 0.390 ng  
RT: 16.718 min Scan# 1727  
Delta R.T. -0.000 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

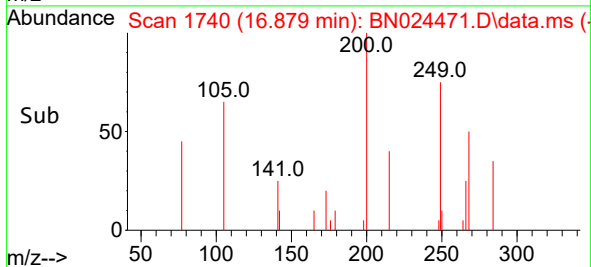
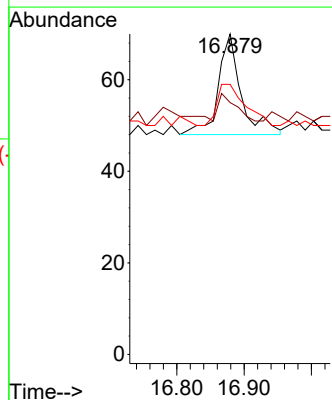
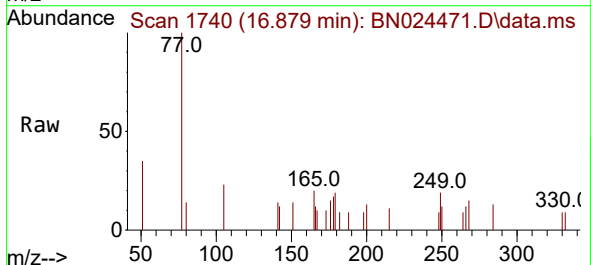
Instrument :  
BNA\_N  
ClientSampleId :  
SP6167

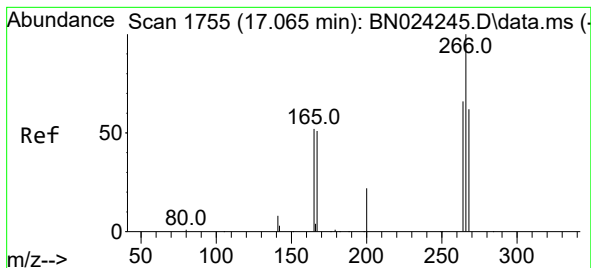
Tgt Ion:284 Resp: 86  
Ion Ratio Lower Upper  
284 100  
142 59.3 30.2 45.4#  
249 51.2 24.5 36.7#



#23  
Atrazine  
Concen: 0.456 ng  
RT: 16.879 min Scan# 1740  
Delta R.T. 0.012 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Tgt Ion:200 Resp: 52  
Ion Ratio Lower Upper  
200 100  
173 78.6 18.9 28.3#  
215 84.3 36.7 55.1#





#24

Pentachlorophenol

Concen: 0.584 ng

RT: 17.078 min Scan# 1794

Delta R.T. 0.012 min

Lab File: BN024471.D

Acq: 22 Mar 2023 07:03

Instrument :

BNA\_N

ClientSampleId :

SP6167

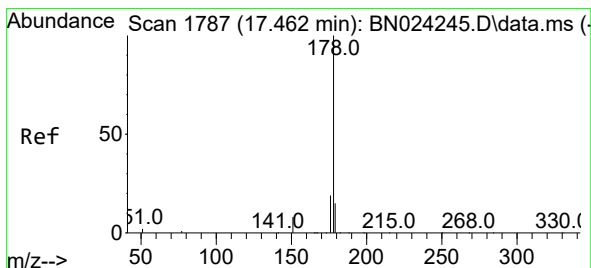
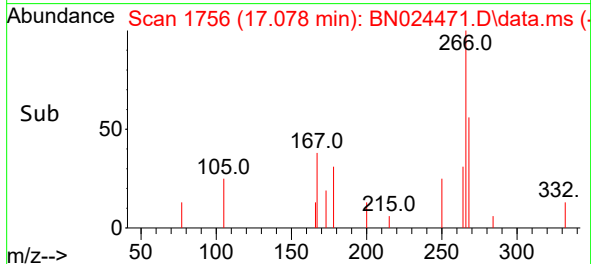
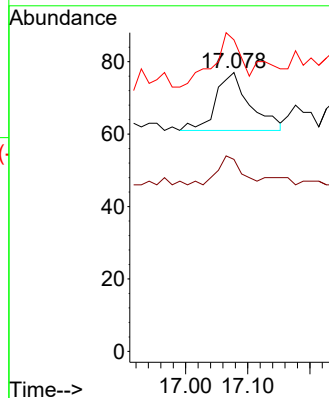
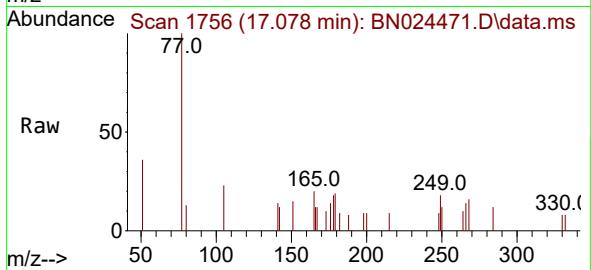
Tgt Ion:266 Resp: 61

Ion Ratio Lower Upper

266 100

264 34.4 51.1 76.7#

268 73.8 52.2 78.4



#25

Phenanthrene

Concen: 0.359 ng

RT: 17.549 min Scan# 1794

Delta R.T. 0.099 min

Lab File: BN024471.D

Acq: 22 Mar 2023 07:03

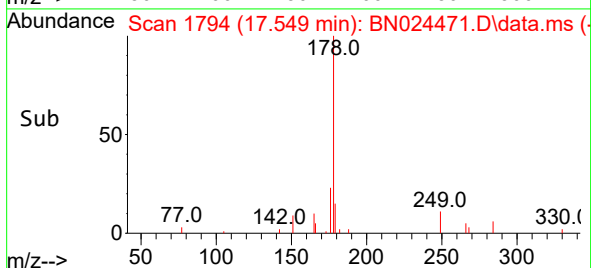
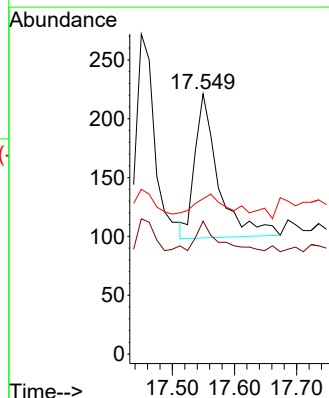
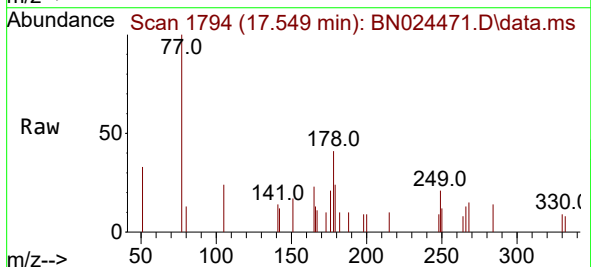
Tgt Ion:178 Resp: 321

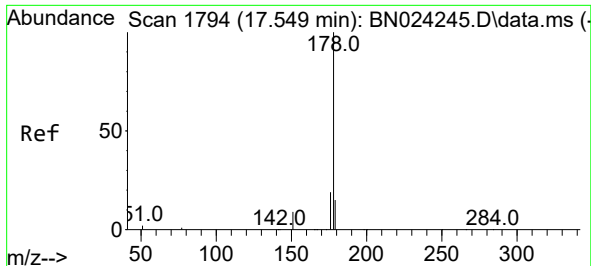
Ion Ratio Lower Upper

178 100

176 22.1 15.4 23.0

179 18.1 12.2 18.2

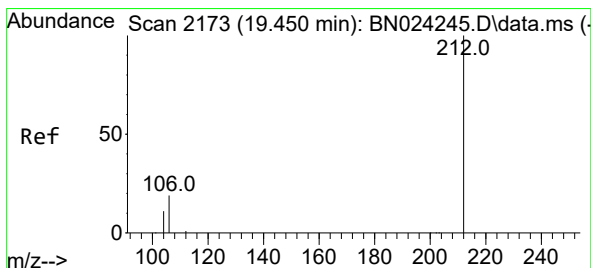
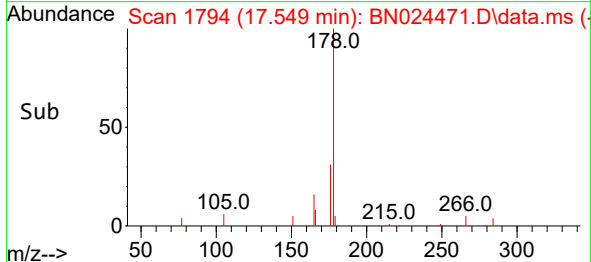
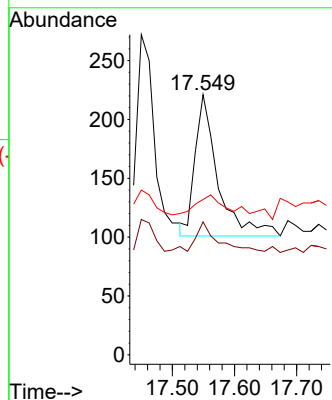
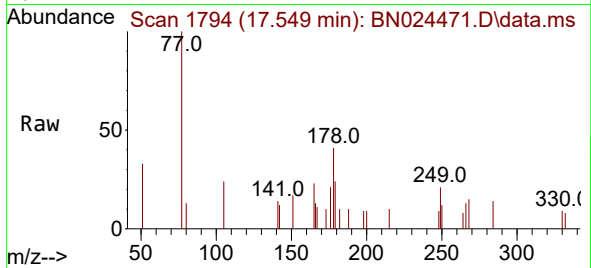




#26  
 Anthracene  
 Concen: 0.372 ng  
 RT: 17.549 min Scan# 11  
 Delta R.T. 0.012 min  
 Lab File: BN024471.D  
 Acq: 22 Mar 2023 07:03

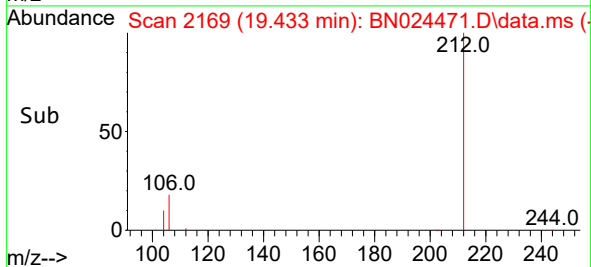
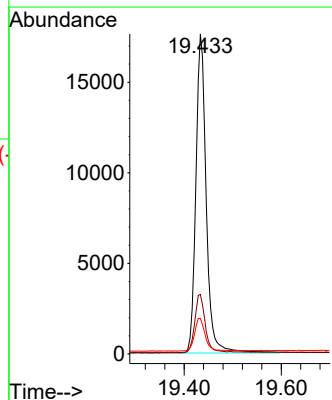
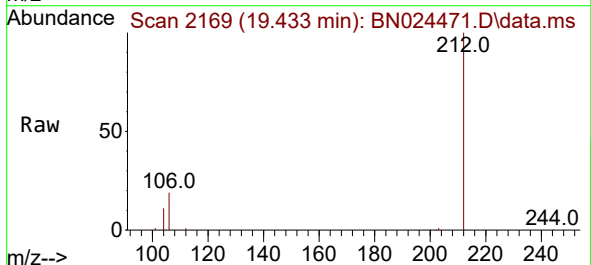
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP6167

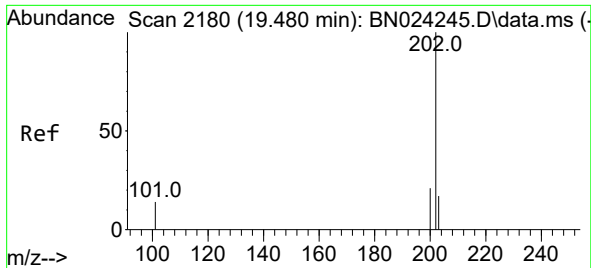
Tgt Ion:178 Resp: 307  
 Ion Ratio Lower Upper  
 178 100  
 176 20.5 15.1 22.7  
 179 17.6 12.1 18.1



#27  
 Fluoranthene-d10  
 Concen: 40.737 ng  
 RT: 19.433 min Scan# 2169  
 Delta R.T. -0.004 min  
 Lab File: BN024471.D  
 Acq: 22 Mar 2023 07:03

Tgt Ion:212 Resp: 26081  
 Ion Ratio Lower Upper  
 212 100  
 106 18.2 15.4 23.2  
 104 10.6 8.6 13.0

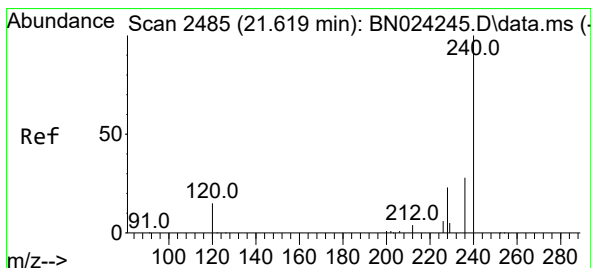
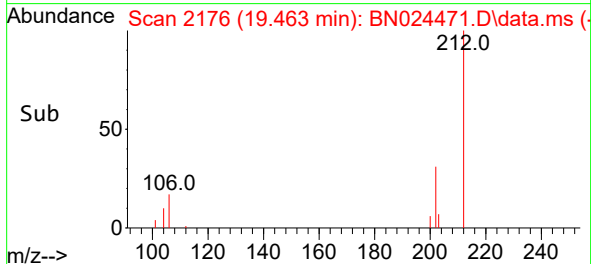
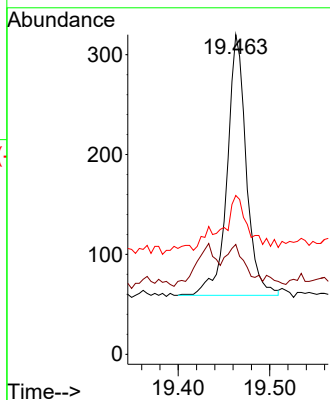
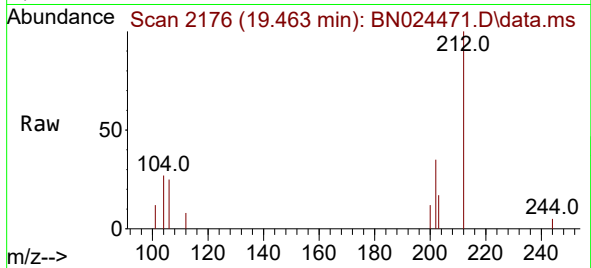




#28  
Fluoranthene  
Concen: 0.387 ng  
RT: 19.463 min Scan# 2176  
Delta R.T. -0.004 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

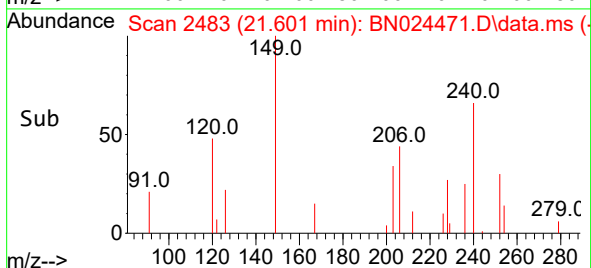
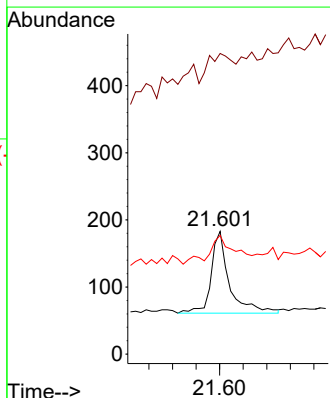
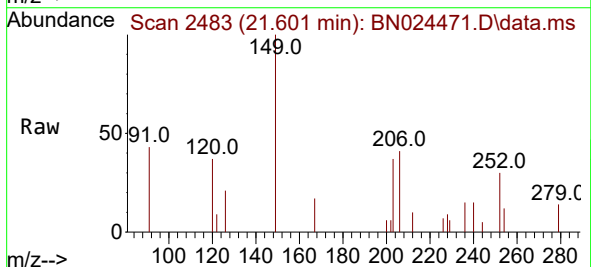
Instrument :  
BNA\_N  
ClientSampleId :  
SP6167

Tgt Ion:202 Resp: 379  
Ion Ratio Lower Upper  
202 100  
101 13.5 11.3 16.9  
203 19.0 13.6 20.4

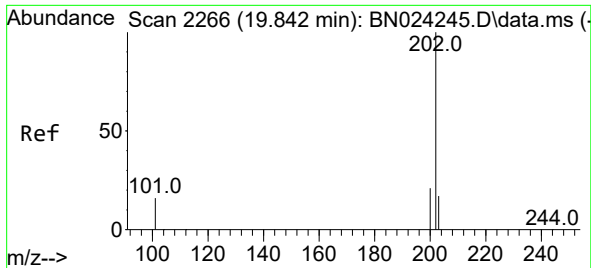


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.601 min Scan# 2483  
Delta R.T. 0.009 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Tgt Ion:240 Resp: 262  
Ion Ratio Lower Upper  
240 100  
120 244.8 12.8 19.2#  
236 96.7 22.5 33.7#



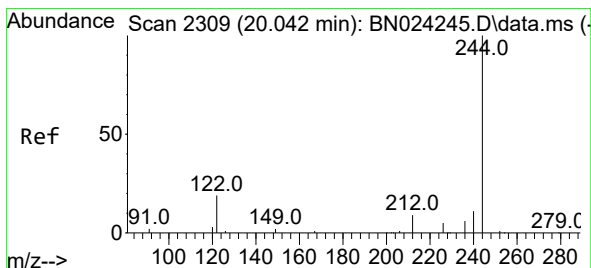
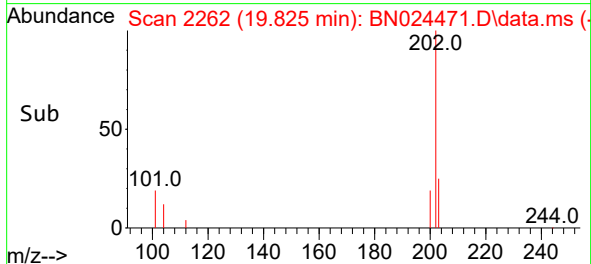
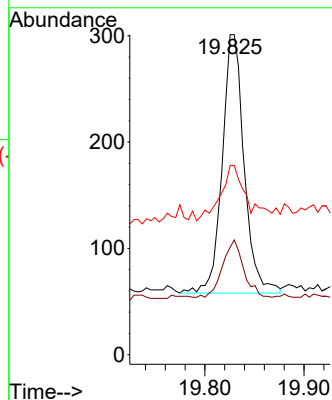
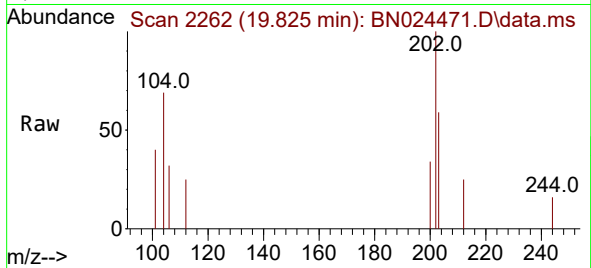




#30  
Pyrene  
Concen: 0.352 ng  
RT: 19.825 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

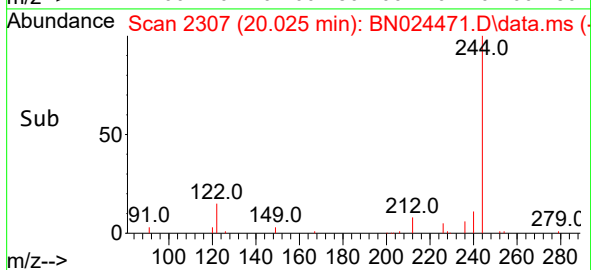
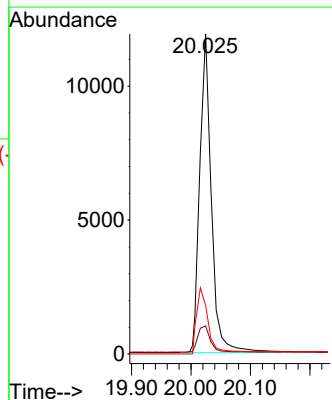
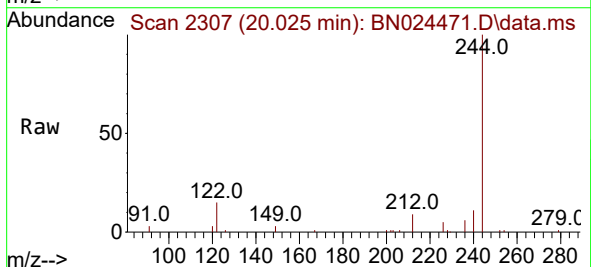
Instrument :  
BNA\_N  
ClientSampleId :  
SP6167

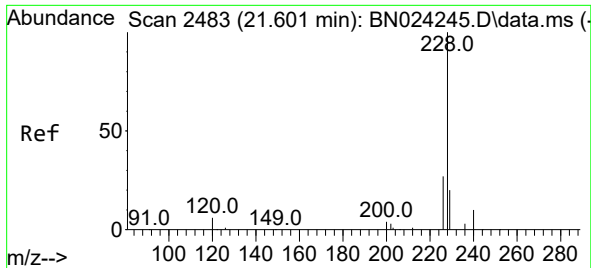
Tgt Ion:202 Resp: 374  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.0 25.4  
203 25.4 14.2 21.2#



#31  
Terphenyl-d14  
Concen: 32.016 ng  
RT: 20.025 min Scan# 2307  
Delta R.T. -0.000 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Tgt Ion:244 Resp: 14143  
Ion Ratio Lower Upper  
244 100  
212 8.8 7.6 11.4  
122 15.1 15.1 22.7#

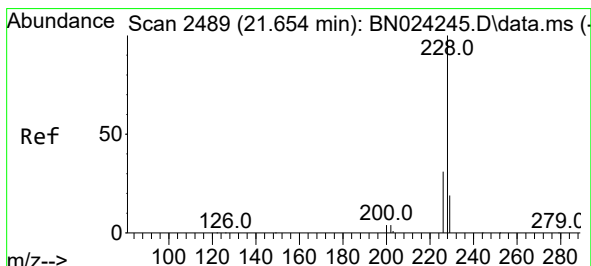
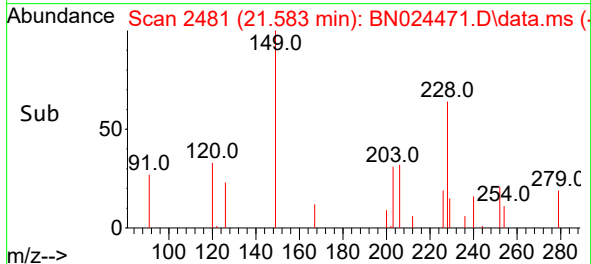
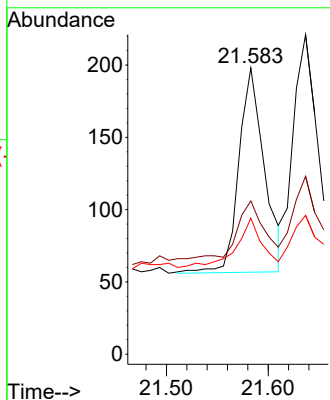
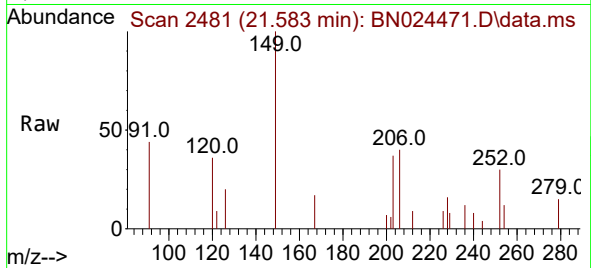




#32  
Benzo(a)anthracene  
Concen: 0.281 ng  
RT: 21.583 min Scan# 2481  
Delta R.T. 0.009 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

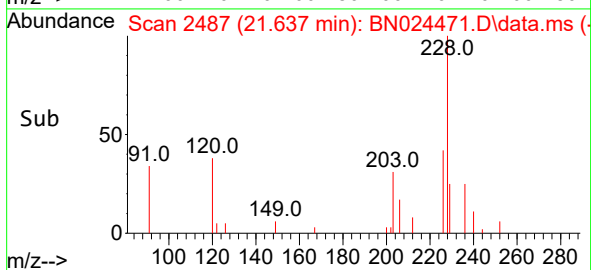
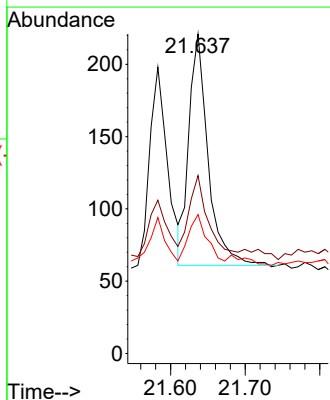
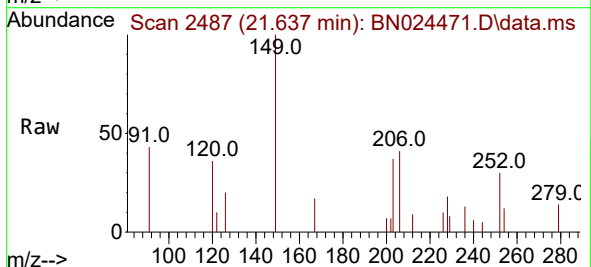
Instrument :  
BNA\_N  
ClientSampleId :  
SP6167

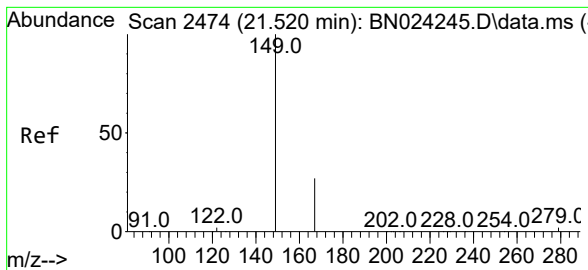
Tgt Ion:228 Resp: 246  
Ion Ratio Lower Upper  
228 100  
226 53.5 22.2 33.2#  
229 47.5 15.9 23.9#



#33  
Chrysene  
Concen: 0.306 ng  
RT: 21.637 min Scan# 2487  
Delta R.T. 0.009 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Tgt Ion:228 Resp: 286  
Ion Ratio Lower Upper  
228 100  
226 55.7 24.5 36.7#  
229 43.4 15.5 23.3#

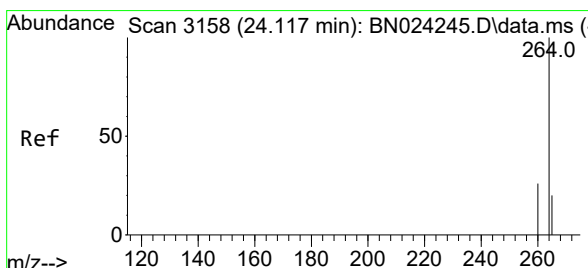
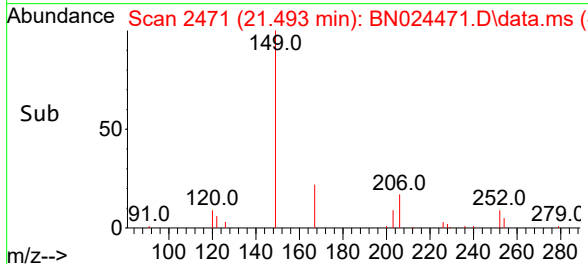
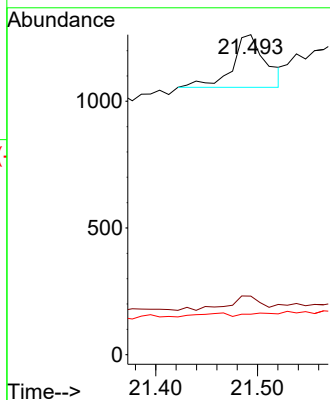
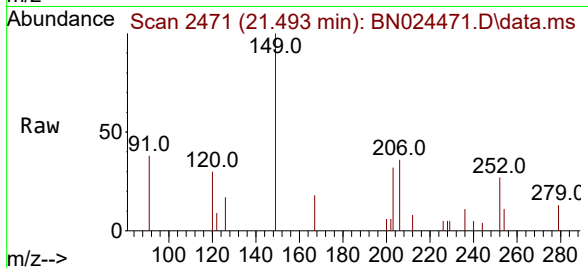




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.137 ng  
 RT: 21.493 min Scan# 2471  
 Delta R.T. -0.000 min  
 Lab File: BN024471.D  
 Acq: 22 Mar 2023 07:03

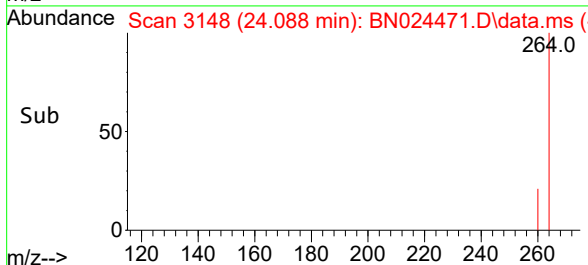
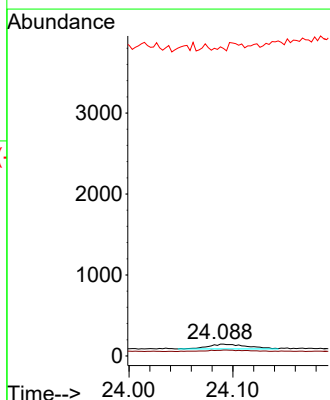
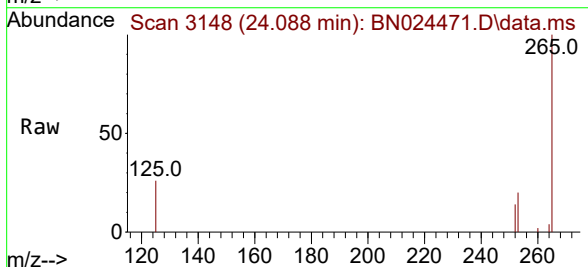
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP6167

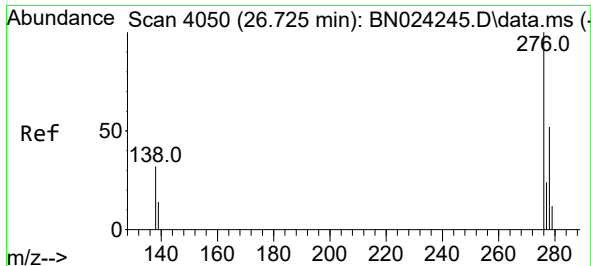
Tgt Ion:149 Resp: 468  
 Ion Ratio Lower Upper  
 149 100  
 167 26.5 21.2 31.8  
 279 0.0 1.8 2.8#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.088 min Scan# 3148  
 Delta R.T. 0.009 min  
 Lab File: BN024471.D  
 Acq: 22 Mar 2023 07:03

Tgt Ion:264 Resp: 158  
 Ion Ratio Lower Upper  
 264 100  
 260 47.6 21.4 32.2#  
 265 2633.1 35.7 53.5#

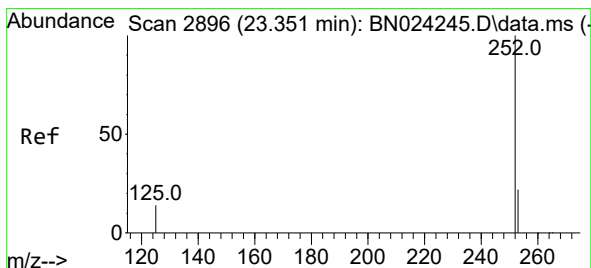
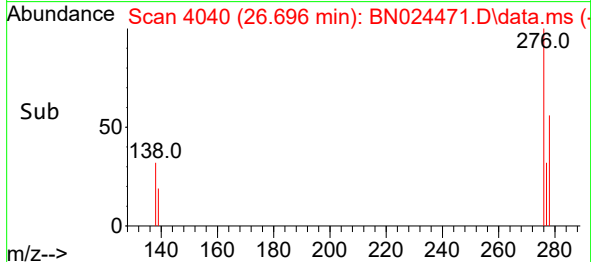
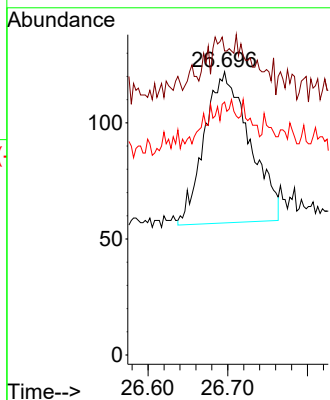
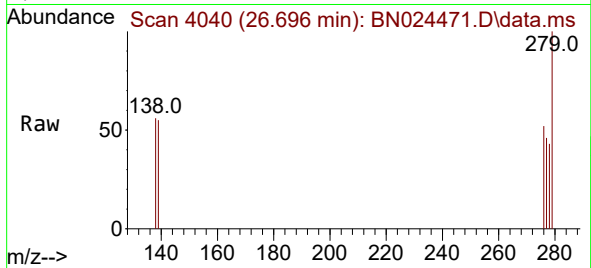




#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.434 ng  
RT: 26.696 min Scan# 4050  
Delta R.T. 0.029 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

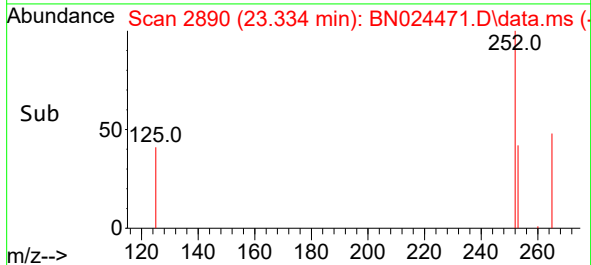
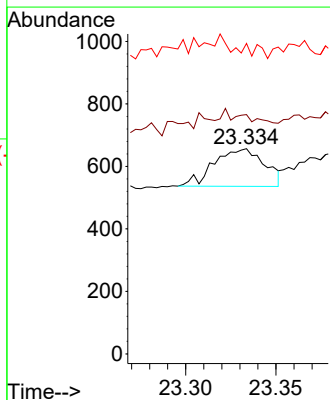
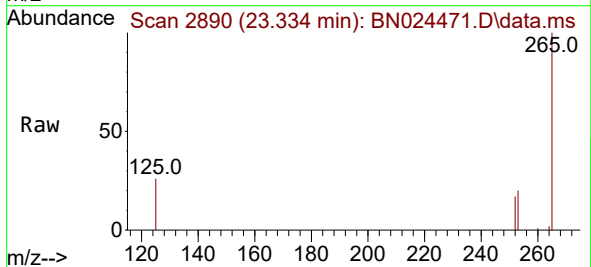
Instrument :  
BNA\_N  
ClientSampleId :  
SP6167

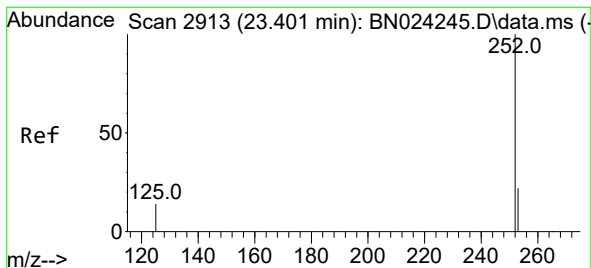
Tgt Ion:276 Resp: 257  
Ion Ratio Lower Upper  
276 100  
138 6.2 27.4 41.2#  
277 1.2 19.8 29.6#



#37  
Benzo(b)fluoranthene  
Concen: 0.379 ng  
RT: 23.334 min Scan# 2890  
Delta R.T. 0.017 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Tgt Ion:252 Resp: 233  
Ion Ratio Lower Upper  
252 100  
253 116.6 18.9 28.3#  
125 151.3 13.8 20.6#





#38

Benzo(k)fluoranthene

Concen: 0.364 ng

RT: 23.380 min Scan# 2906

Delta R.T. 0.012 min

Lab File: BN024471.D

Acq: 22 Mar 2023 07:03

Instrument :

BNA\_N

ClientSampleId :

SP6167

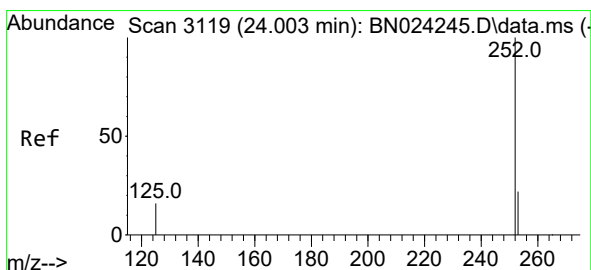
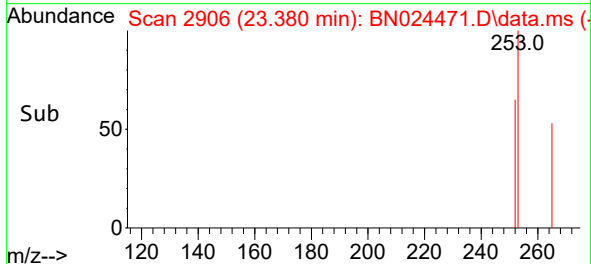
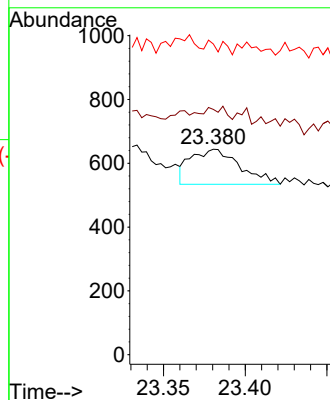
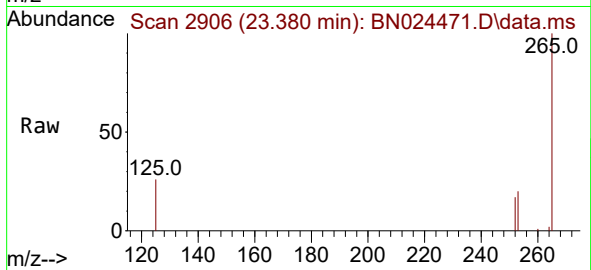
Tgt Ion:252 Resp: 231

Ion Ratio Lower Upper

252 100

253 119.4 19.0 28.6#

125 151.2 13.5 20.3#



#39

Benzo(a)pyrene

Concen: 0.316 ng

RT: 23.977 min Scan# 3110

Delta R.T. 0.009 min

Lab File: BN024471.D

Acq: 22 Mar 2023 07:03

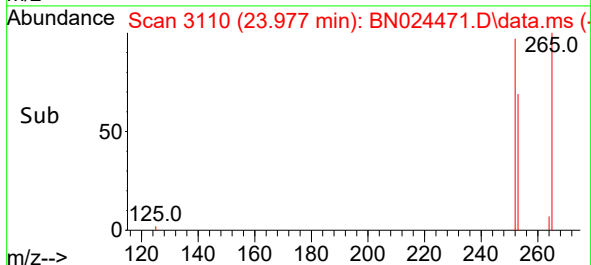
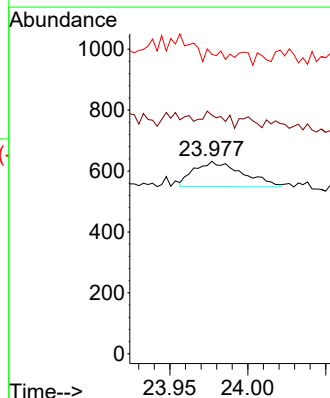
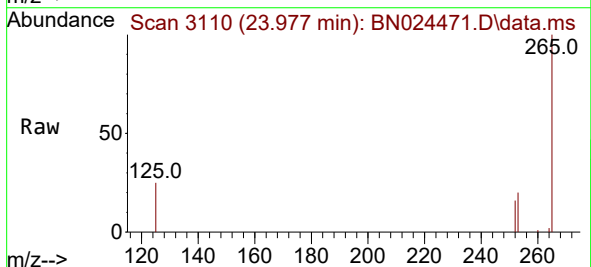
Tgt Ion:252 Resp: 178

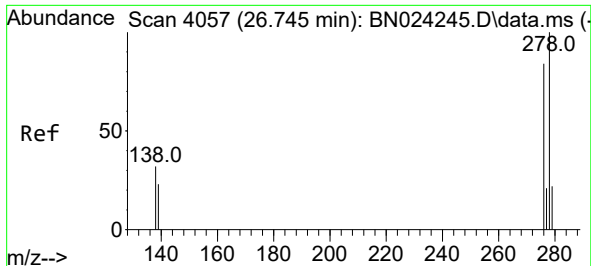
Ion Ratio Lower Upper

252 100

253 123.9 19.5 29.3#

125 155.5 16.2 24.4#

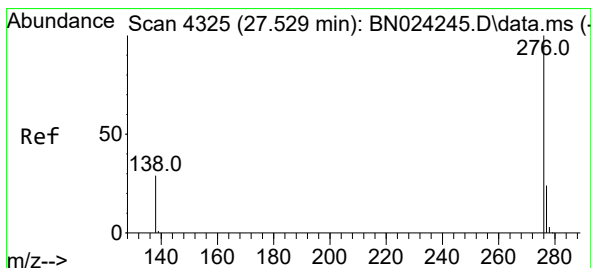
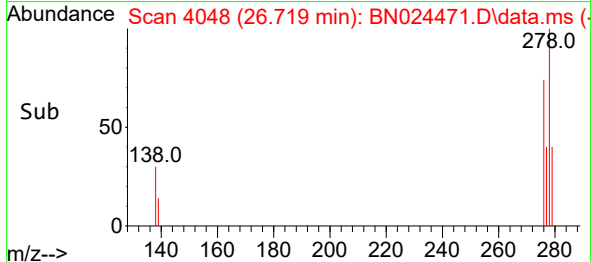
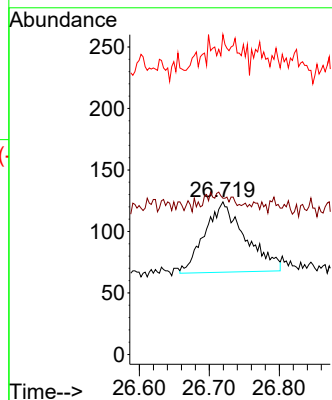
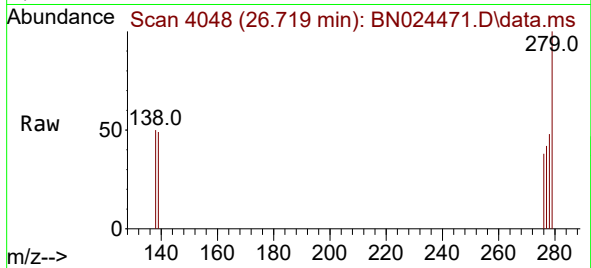




#40  
Dibenzo(a,h)anthracene  
Concen: 0.502 ng  
RT: 26.719 min Scan# 4057  
Delta R.T. 0.023 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Instrument :  
BNA\_N  
ClientSampleId :  
SP6167

Tgt Ion:278 Resp: 230  
Ion Ratio Lower Upper  
278 100  
139 102.4 19.4 29.0#  
279 209.7 20.7 31.1#



#41  
Benzo(g,h,i)perylene  
Concen: 0.464 ng  
RT: 27.497 min Scan# 4314  
Delta R.T. 0.023 min  
Lab File: BN024471.D  
Acq: 22 Mar 2023 07:03

Tgt Ion:276 Resp: 248  
Ion Ratio Lower Upper  
276 100  
277 83.3 19.9 29.9#  
138 111.7 24.5 36.7#

