

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013124\  
 Data File : BN029471.D  
 Acq On : 01 Feb 2024 04:59  
 Operator : MA/JU  
 Sample : 04699-09  
 Misc : MDL-MDL-WATER-0.1NG  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Feb 01 07:13:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 01:51:59 2024  
 Response via : Initial Calibration

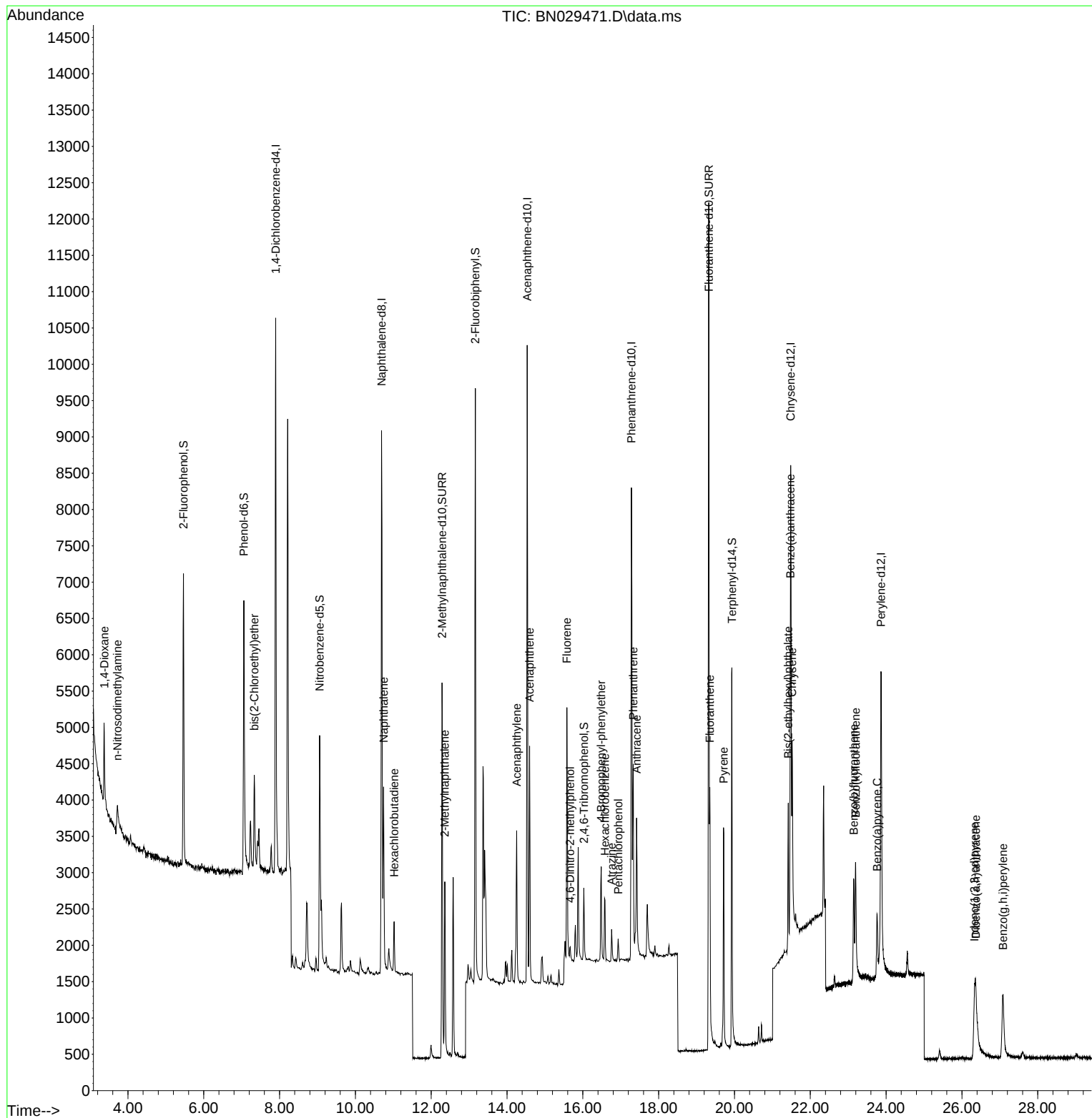
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.898  | 152  | 3885     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.690 | 136  | 10537    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.532 | 164  | 4965     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.280 | 188  | 9745     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.483 | 240  | 6757     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.864 | 264  | 7076     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.464  | 112  | 3313     | 0.355 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.060  | 99   | 4204     | 0.390 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.057  | 82   | 3351     | 0.382 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.287 | 152  | 7661     | 0.534 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.027 | 330  | 550      | 0.345 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.164 | 172  | 7338     | 0.344 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.322 | 212  | 13827    | 0.586 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.931 | 244  | 5754     | 0.343 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.377  | 88   | 949      | 0.174 | ng    | 90       |
| 3) n-Nitrosodimethylamine     | 3.723  | 42   | 388      | 0.087 | ng    | # 87     |
| 6) bis(2-Chloroethyl)ether    | 7.334  | 93   | 1156     | 0.113 | ng    | 98       |
| 9) Naphthalene                | 10.744 | 128  | 3243     | 0.108 | ng    | 96       |
| 10) Hexachlorobutadiene       | 11.021 | 225  | 531      | 0.093 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.359 | 142  | 1774     | 0.101 | ng    | 98       |
| 16) Acenaphthylene            | 14.254 | 152  | 2421     | 0.103 | ng    | 99       |
| 17) Acenaphthene              | 14.597 | 154  | 1545     | 0.098 | ng    | 98       |
| 18) Fluorene                  | 15.580 | 166  | 1914     | 0.096 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.667 | 198  | 108      | 0.075 | ng    | # 11     |
| 21) 4-Bromophenyl-phenylether | 16.486 | 248  | 565      | 0.097 | ng    | # 84     |
| 22) Hexachlorobenzene         | 16.585 | 284  | 689      | 0.097 | ng    | 98       |
| 23) Atrazine                  | 16.759 | 200  | 389      | 0.094 | ng    | # 86     |
| 24) Pentachlorophenol         | 16.933 | 266  | 168      | 0.075 | ng    | 97       |
| 25) Phenanthrene              | 17.330 | 178  | 2886     | 0.100 | ng    | 100      |
| 26) Anthracene                | 17.417 | 178  | 2406     | 0.098 | ng    | 99       |
| 28) Fluoranthene              | 19.350 | 202  | 2978     | 0.092 | ng    | 97       |
| 30) Pyrene                    | 19.712 | 202  | 2944     | 0.095 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.474 | 228  | 2138     | 0.093 | ng    | 97       |
| 33) Chrysene                  | 21.519 | 228  | 2363     | 0.090 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.420 | 149  | 1832     | 0.116 | ng    | 95       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.332 | 276  | 2349     | 0.083 | ng    | # 79     |
| 37) Benzo(b)fluoranthene      | 23.145 | 252  | 2137     | 0.084 | ng    | # 68     |
| 38) Benzo(k)fluoranthene      | 23.195 | 252  | 2139     | 0.081 | ng    | # 56     |
| 39) Benzo(a)pyrene            | 23.765 | 252  | 1794     | 0.081 | ng    | # 56     |
| 40) Dibenzo(a,h)anthracene    | 26.364 | 278  | 1831     | 0.081 | ng    | # 70     |
| 41) Benzo(g,h,i)perylene      | 27.086 | 276  | 2184     | 0.079 | ng    | # 88     |
| -----                         |        |      |          |       |       |          |

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

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Sample : 04699-09  
Misc : MDL-MDL-WATER-0.1NG  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

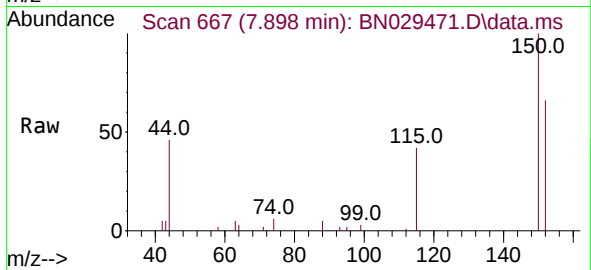
Quant Time: Feb 01 07:13:49 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 01 01:51:59 2024  
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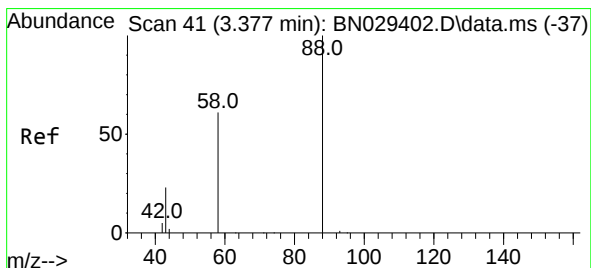
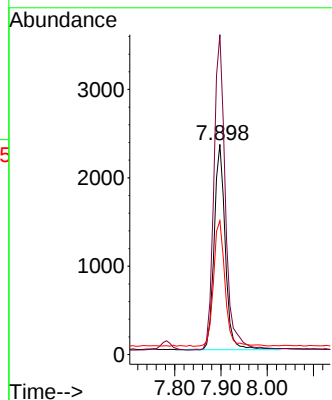
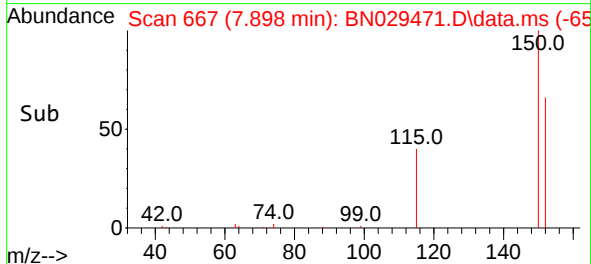


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.898 min Scan# 668  
 Delta R.T. -0.000 min  
 Lab File: BN029471.D  
 Acq: 01 Feb 2024 04:59

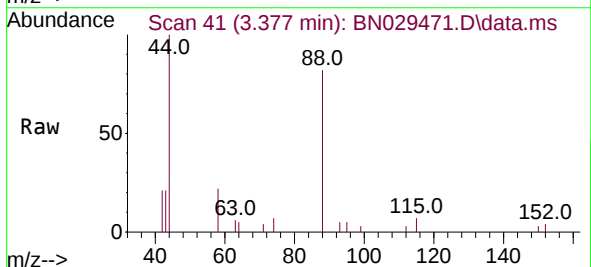
Instrument :  
 BNA\_N  
 ClientSampleId :



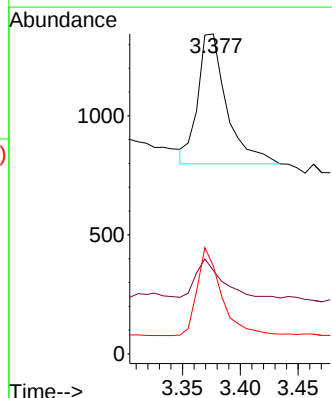
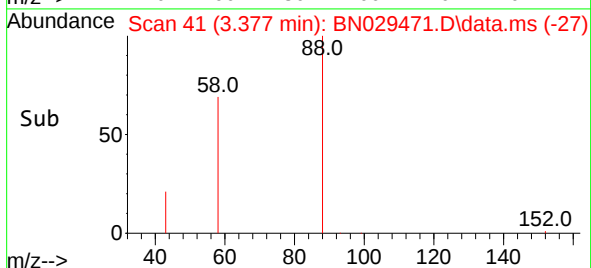
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 Ion Ratio Lower Upper  
 152 100  
 150 152.3 123.0 184.4  
 115 63.7 51.4 77.0

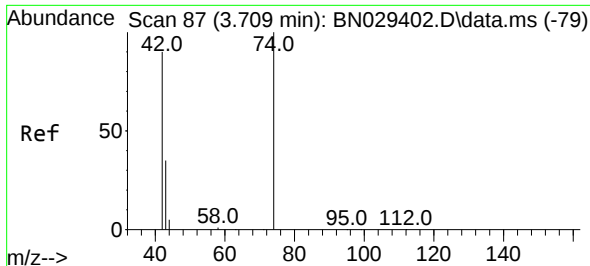


#2  
 1,4-Dioxane  
 Concen: 0.174 ng  
 RT: 3.377 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: BN029471.D  
 Acq: 01 Feb 2024 04:59



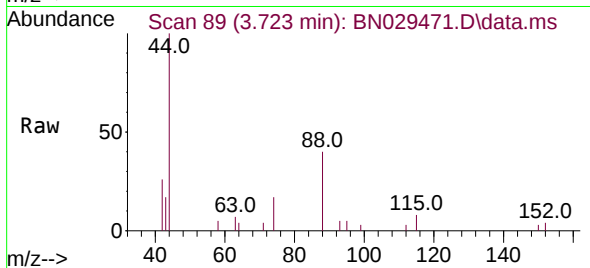
Tgt Ion: 88 Resp: 949  
 Ion Ratio Lower Upper  
 88 100  
 43 27.1 23.3 34.9  
 58 57.0 53.8 80.6



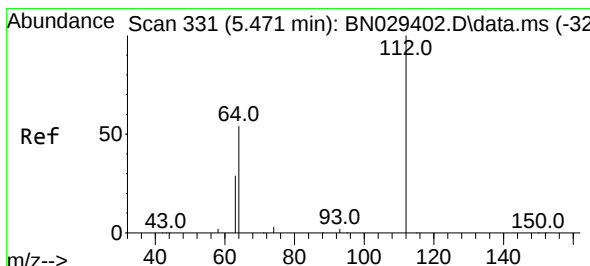
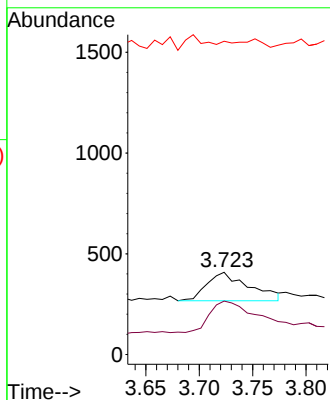
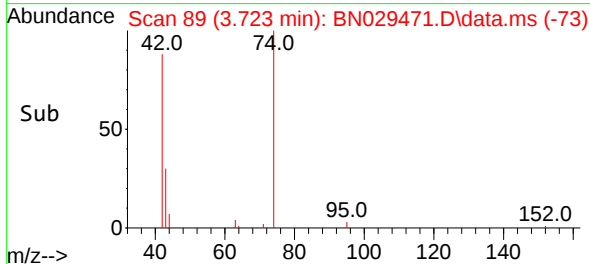


#3  
n-Nitrosodimethylamine  
Concen: 0.087 ng  
RT: 3.723 min Scan# 89  
Delta R.T. 0.014 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

Instrument :  
BNA\_N  
ClientSampleId :

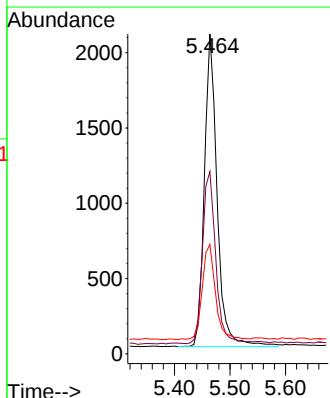
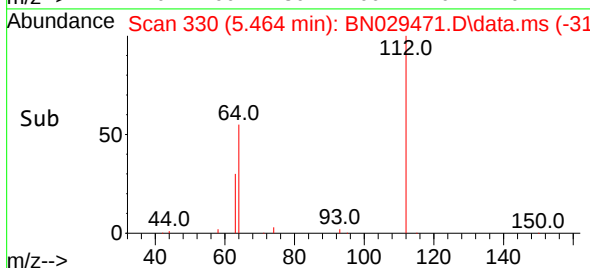
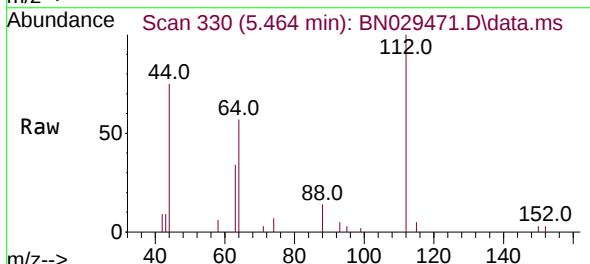


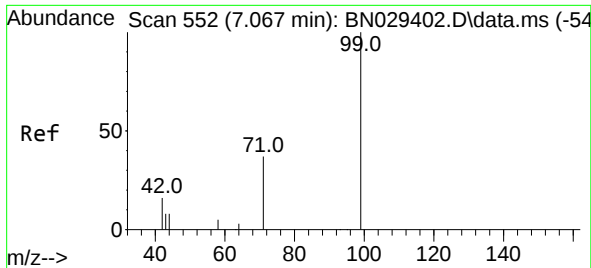
Tgt Ion: 42 Resp: 388  
Ion Ratio Lower Upper  
42 100  
74 127.3 93.7 140.5  
44 0.0 13.0 19.4#



#4  
2-Fluorophenol  
Concen: 0.355 ng  
RT: 5.464 min Scan# 330  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

Tgt Ion: 112 Resp: 3313  
Ion Ratio Lower Upper  
112 100  
64 57.5 47.2 70.8  
63 31.5 25.8 38.6

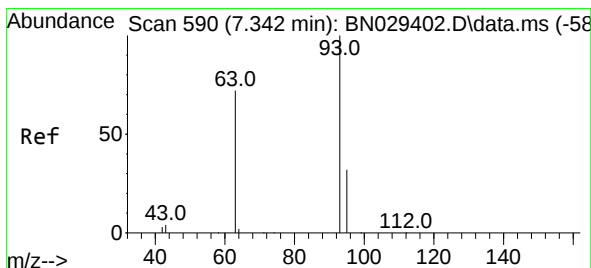
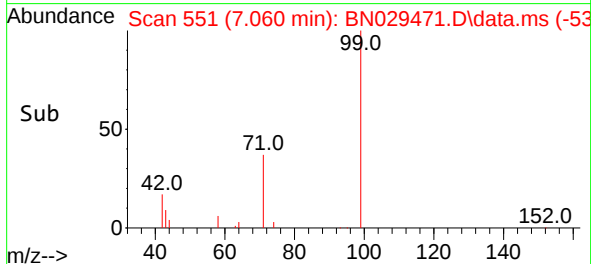
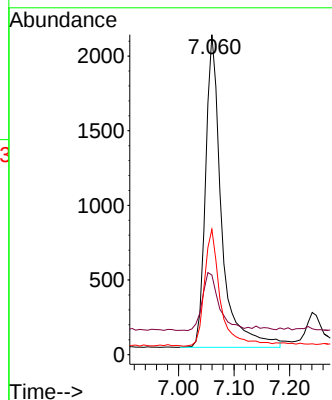
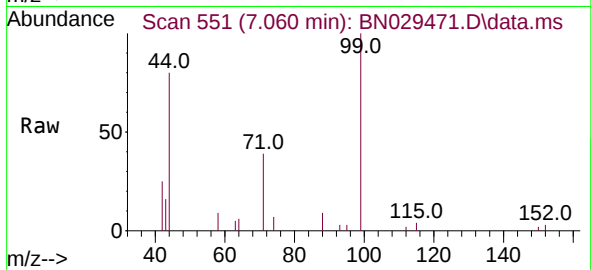




#5  
Phenol-d6  
Concen: 0.390 ng  
RT: 7.060 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

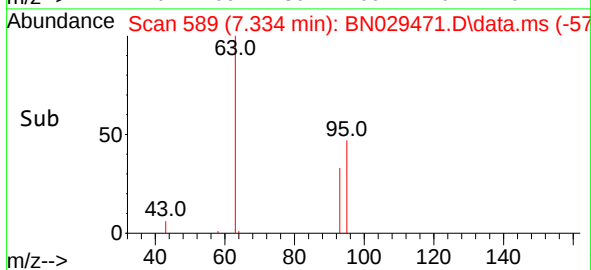
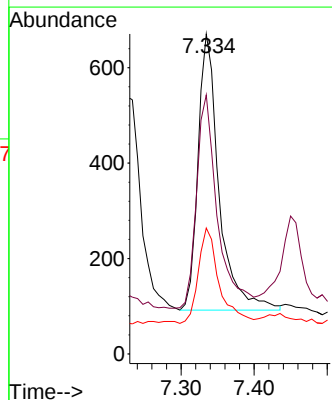
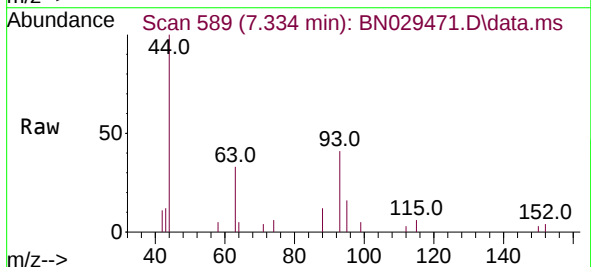
Instrument :  
BNA\_N  
ClientSampleId :

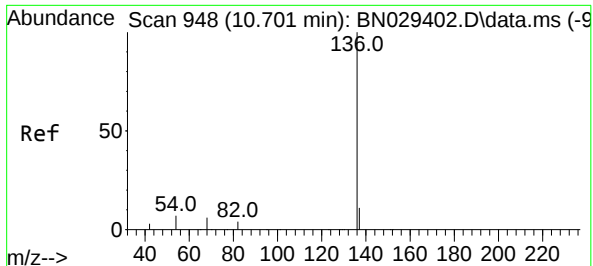
|             |             |
|-------------|-------------|
| Tgt Ion: 99 | Resp: 4204  |
| Ion Ratio   | Lower Upper |
| 99 100      |             |
| 42 19.1     | 16.9 25.3   |
| 71 37.4     | 30.0 45.0   |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.113 ng  
RT: 7.334 min Scan# 589  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 1156  |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 76.7     | 63.1 94.7   |
| 95 34.2     | 27.1 40.7   |

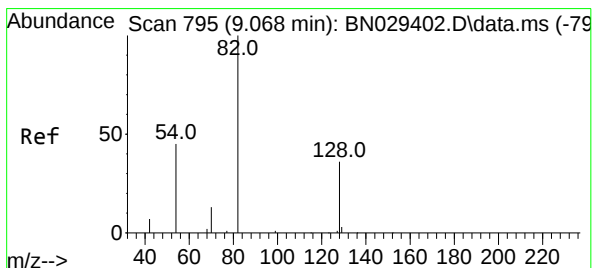
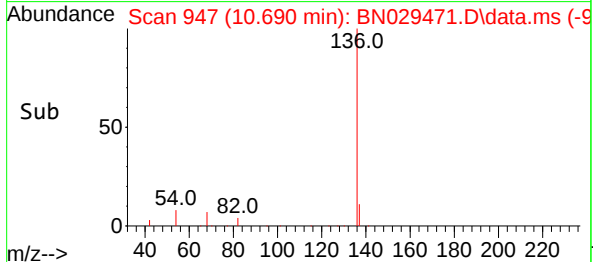
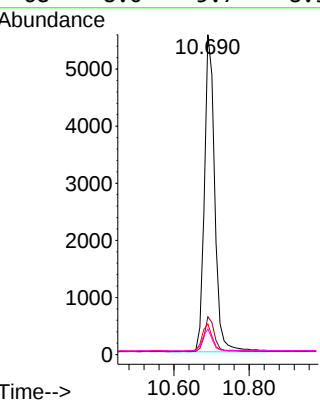
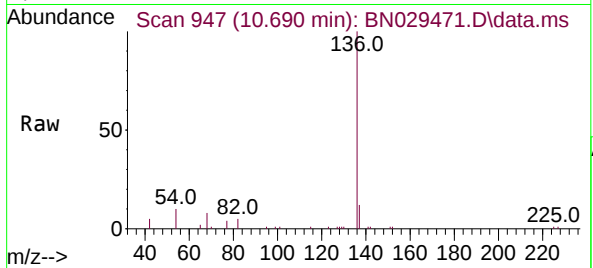




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.690 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

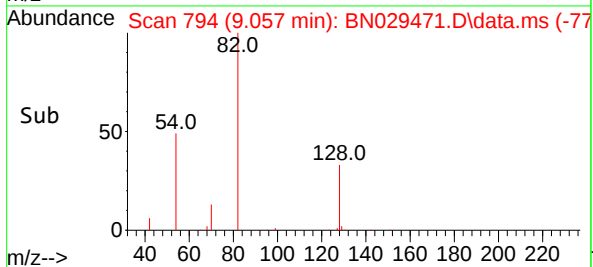
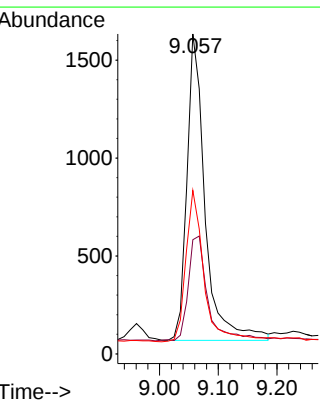
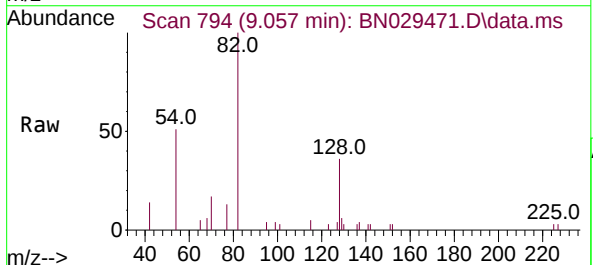
Instrument :  
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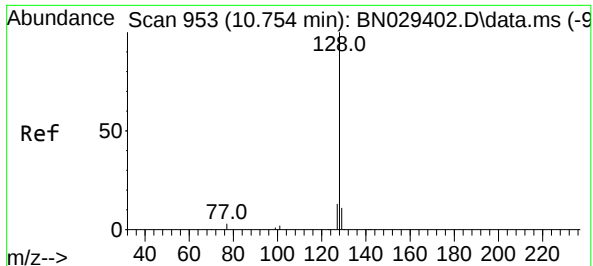
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 10537    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.8  | 9.7 14.5 |
| 54          | 9.6   | 6.6 10.0 |
| 68          | 8.0   | 5.7 8.5  |



#8  
Nitrobenzene-d5  
Concen: 0.382 ng  
RT: 9.057 min Scan# 794  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 3351      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 35.7  | 31.6 47.4 |
| 54          | 51.1  | 38.2 57.4 |

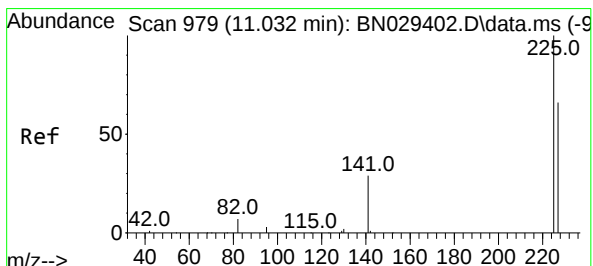
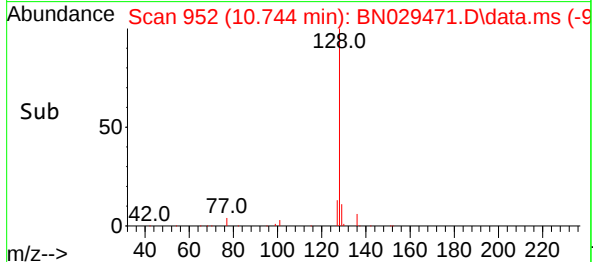
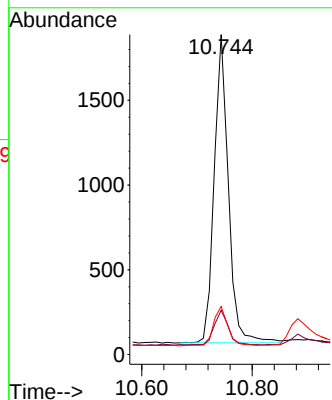
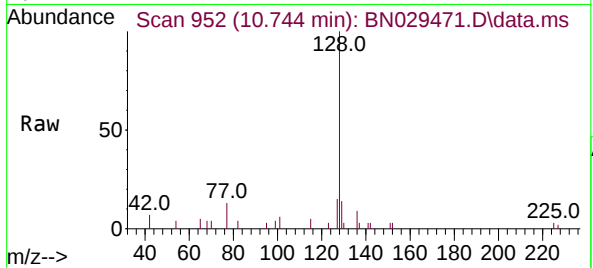




#9  
Naphthalene  
Concen: 0.108 ng  
RT: 10.744 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

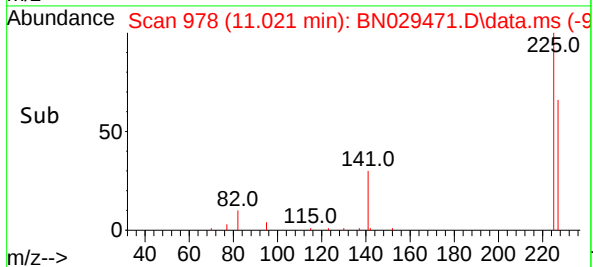
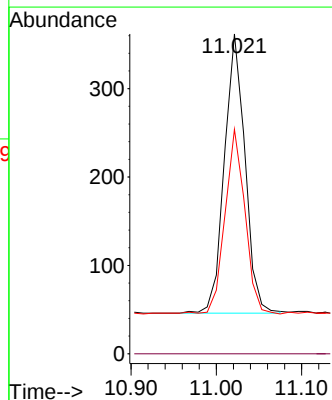
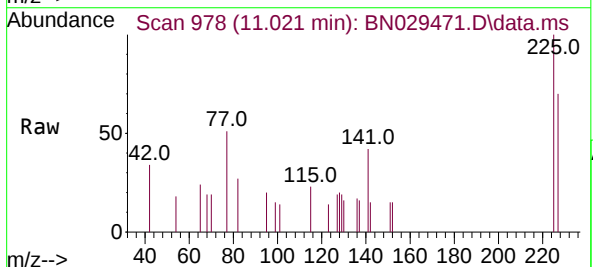
Instrument :  
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ClientSampleId :

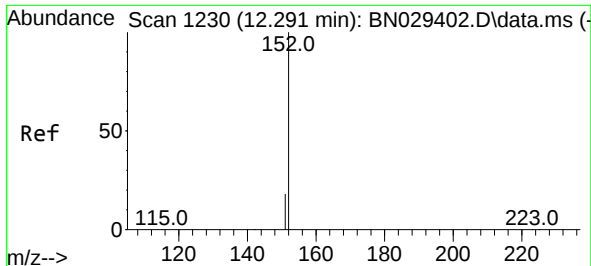
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|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 3243      |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 129         | 13.8  | 9.5 14.3  |
| 127         | 15.0  | 10.8 16.2 |



#10  
Hexachlorobutadiene  
Concen: 0.093 ng  
RT: 11.021 min Scan# 978  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 531       |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 0.0   | 0.0 0.0   |
| 227         | 64.2  | 51.1 76.7 |

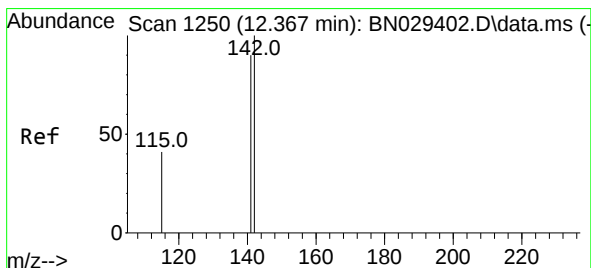
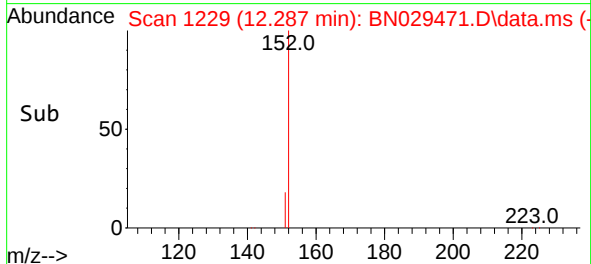
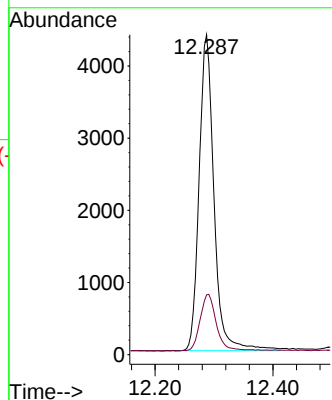
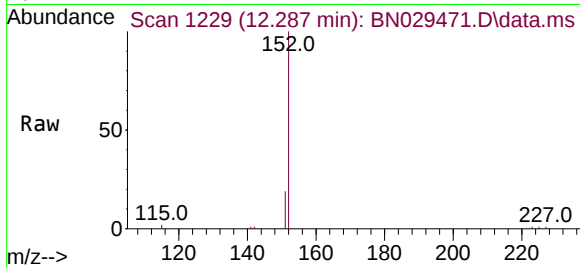




#11  
2-Methylnaphthalene-d10  
Concen: 0.534 ng  
RT: 12.287 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

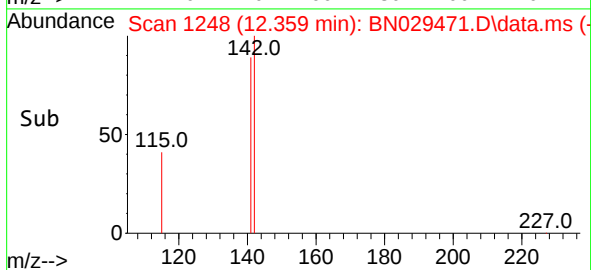
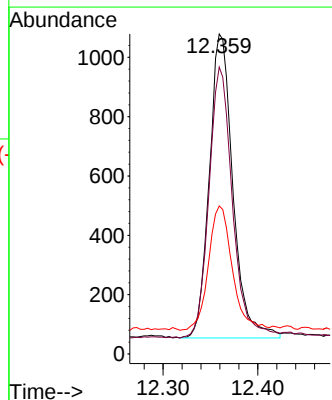
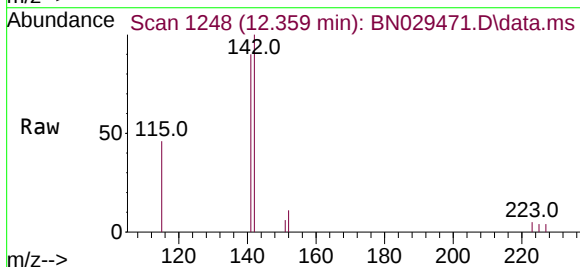
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BNA\_N  
ClientSampleId :

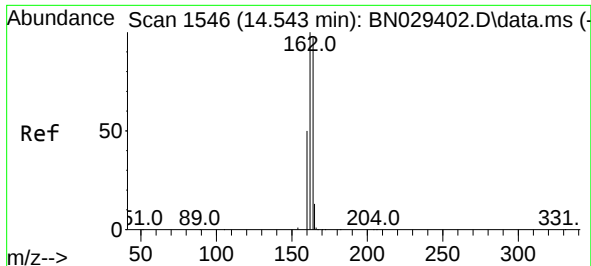
Tgt Ion:152 Resp: 7661  
Ion Ratio Lower Upper  
152 100  
151 19.4 17.1 25.7



#12  
2-Methylnaphthalene  
Concen: 0.101 ng  
RT: 12.359 min Scan# 1248  
Delta R.T. -0.000 min  
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Tgt Ion:142 Resp: 1774  
Ion Ratio Lower Upper  
142 100  
141 89.6 71.9 107.9  
115 46.2 33.9 50.9

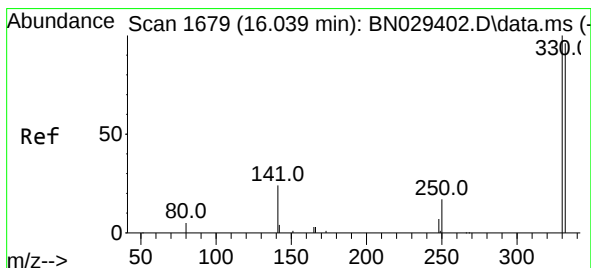
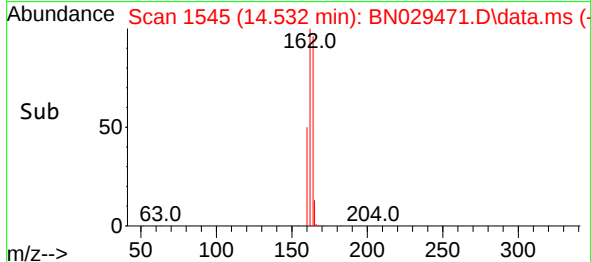
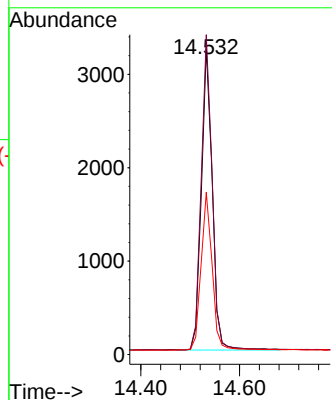
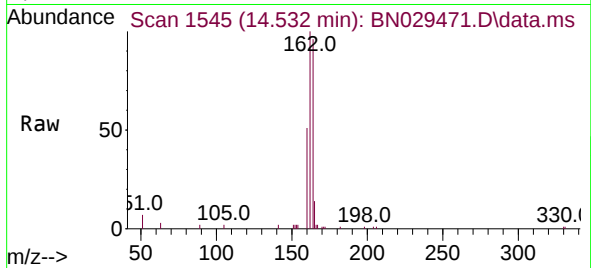




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.532 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

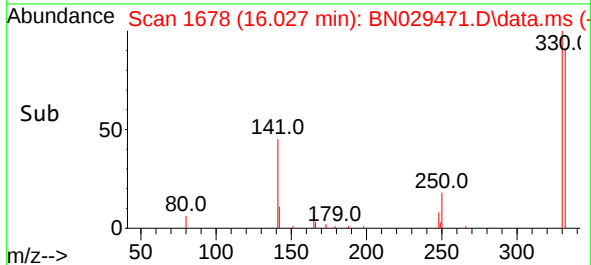
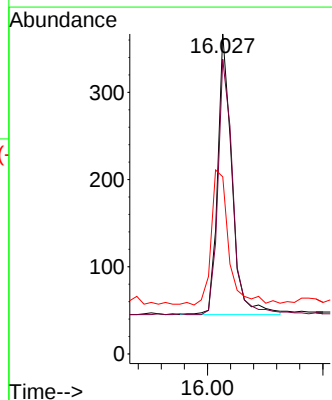
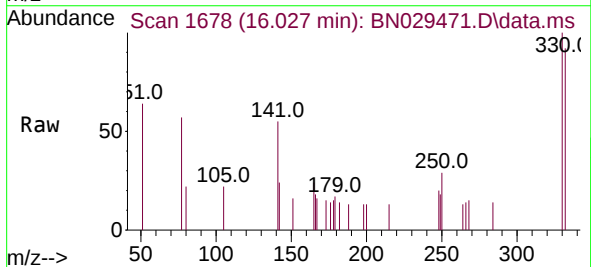
Instrument :  
BNA\_N  
ClientSampleId :

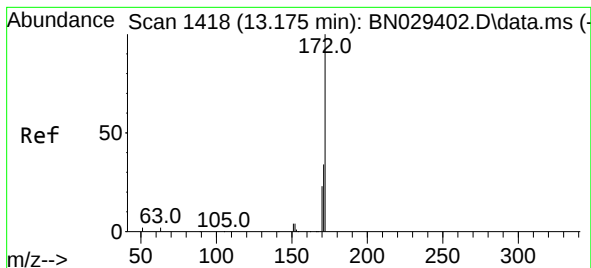
Tgt Ion:164 Resp: 4965  
Ion Ratio Lower Upper  
164 100  
162 104.5 82.6 123.8  
160 53.0 41.5 62.3



#14  
2,4,6-Tribromophenol  
Concen: 0.345 ng  
RT: 16.027 min Scan# 1678  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

Tgt Ion:330 Resp: 550  
Ion Ratio Lower Upper  
330 100  
332 94.2 76.0 114.0  
141 58.2 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.344 ng

RT: 13.164 min Scan# 1418

Delta R.T. -0.000 min

Lab File: BN029471.D

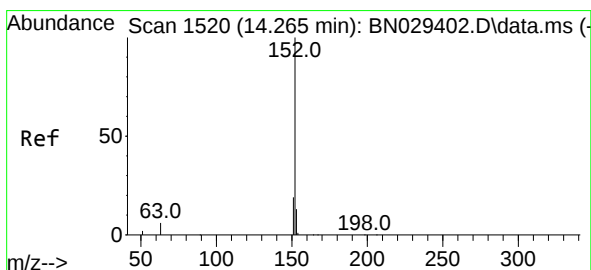
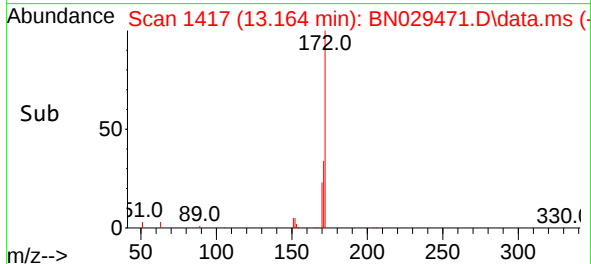
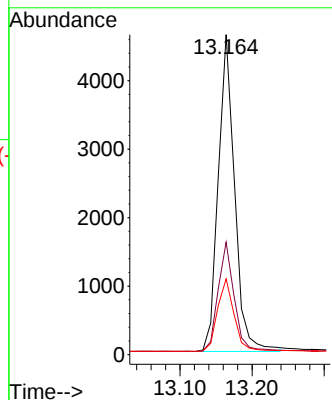
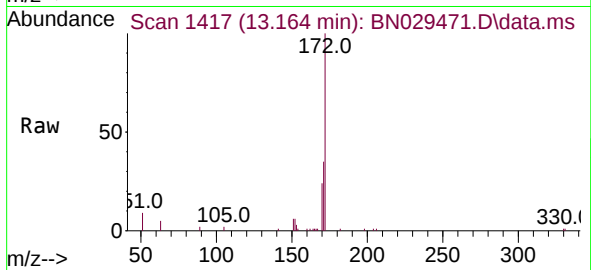
Acq: 01 Feb 2024 04:59

Instrument :

BNA\_N

ClientSampleId :

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 7338 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 35.1  | 28.0  | 42.0 |
| 170       | 23.7  | 18.7  | 28.1 |



#16

Acenaphthylene

Concen: 0.103 ng

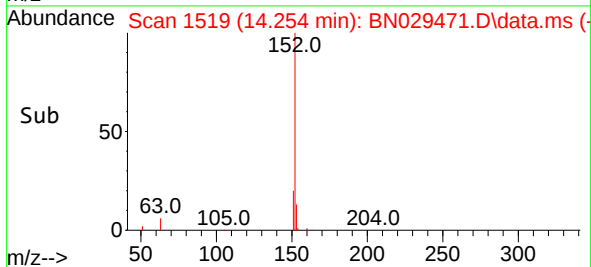
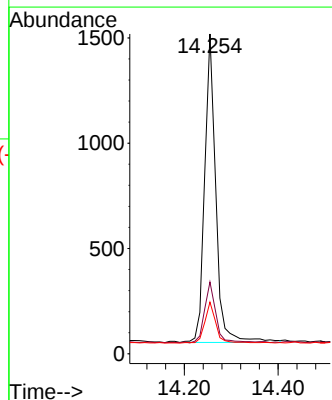
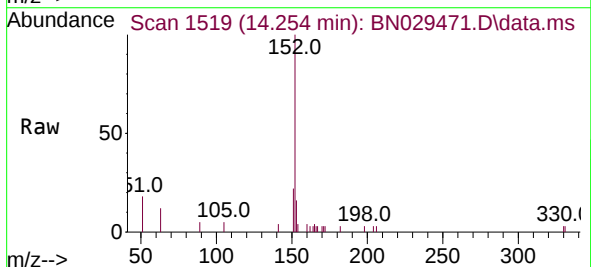
RT: 14.254 min Scan# 1519

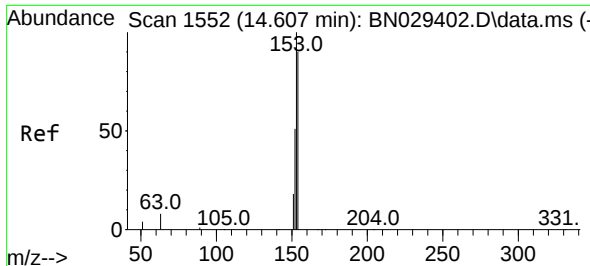
Delta R.T. -0.000 min

Lab File: BN029471.D

Acq: 01 Feb 2024 04:59

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 2421 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 20.1  | 15.9  | 23.9 |
| 153       | 12.6  | 10.5  | 15.7 |

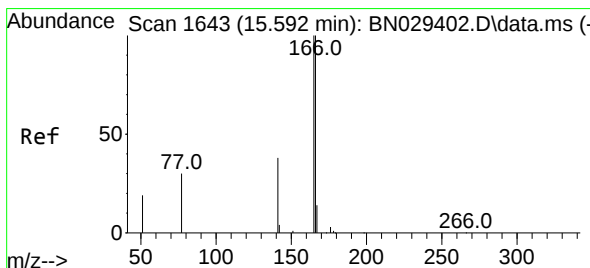
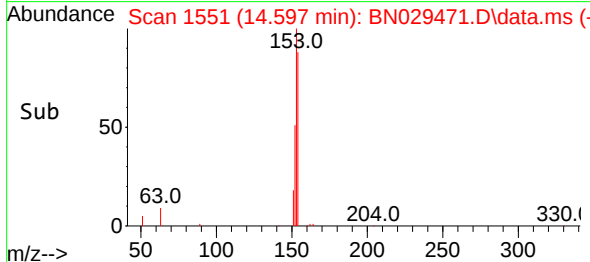
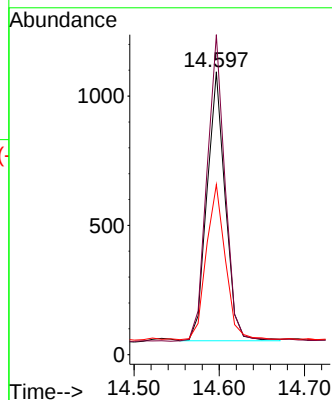
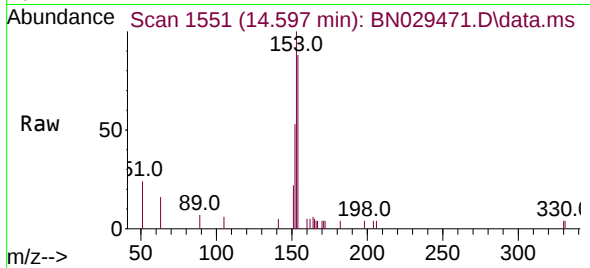




#17  
Acenaphthene  
Concen: 0.098 ng  
RT: 14.597 min Scan# 1551  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

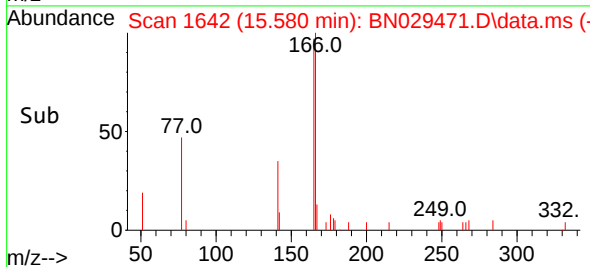
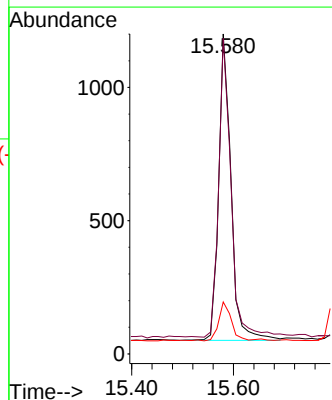
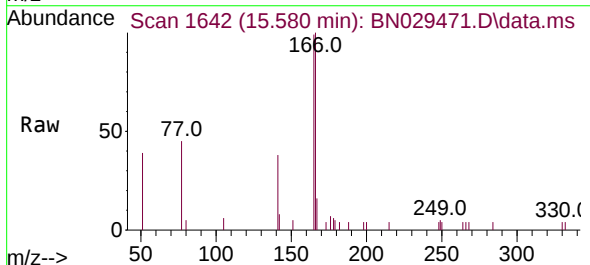
Instrument :  
BNA\_N  
ClientSampleId :

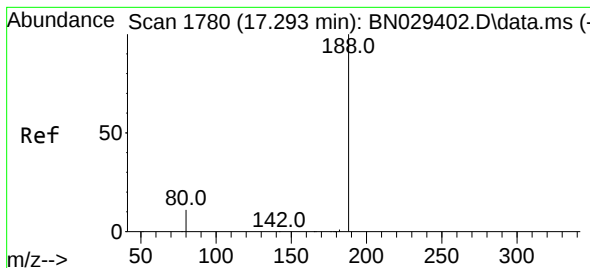
Tgt Ion:154 Resp: 1545  
Ion Ratio Lower Upper  
154 100  
153 114.3 93.6 140.4  
152 60.1 48.6 73.0



#18  
Fluorene  
Concen: 0.096 ng  
RT: 15.580 min Scan# 1642  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

Tgt Ion:166 Resp: 1914  
Ion Ratio Lower Upper  
166 100  
165 98.1 79.9 119.9  
167 12.9 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.280 min Scan# 1779

Delta R.T. -0.000 min

Lab File: BN029471.D

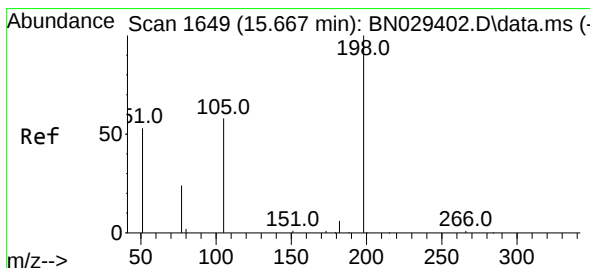
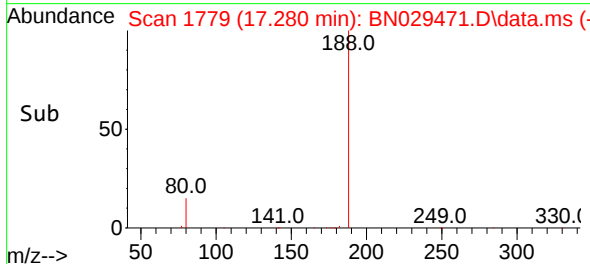
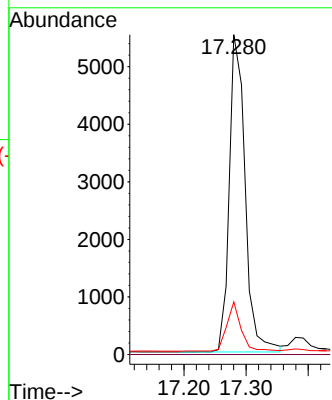
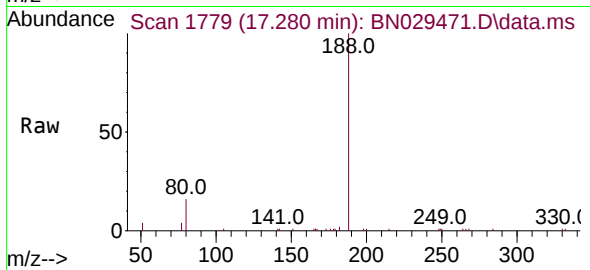
Acq: 01 Feb 2024 04:59

Instrument :

BNA\_N

ClientSampleId :

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:188 | Resp: | 9745  |
| Ion Ratio   | Lower | Upper |
| 188         | 100   |       |
| 94          | 0.0   | 0.0   |
| 80          | 16.5  | 15.0  |



#20

4,6-Dinitro-2-methylphenol

Concen: 0.075 ng

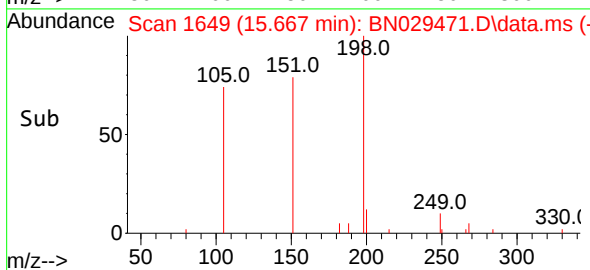
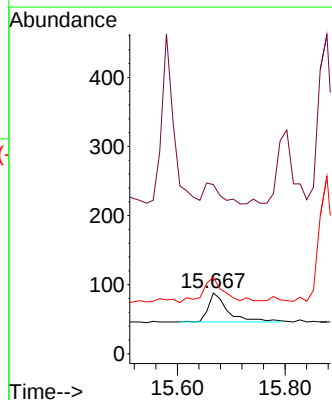
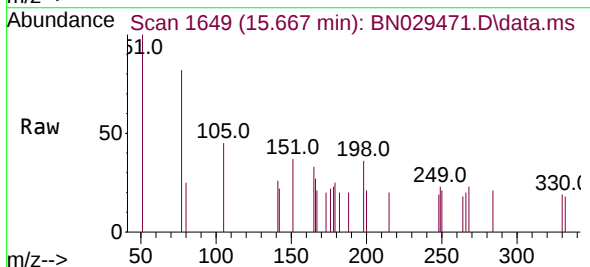
RT: 15.667 min Scan# 1649

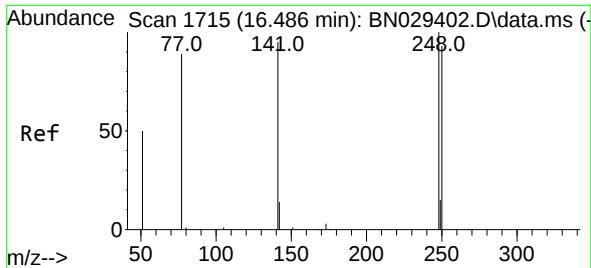
Delta R.T. -0.000 min

Lab File: BN029471.D

Acq: 01 Feb 2024 04:59

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:198 | Resp: | 108   |
| Ion Ratio   | Lower | Upper |
| 198         | 100   |       |
| 51          | 278.4 | 111.0 |
| 105         | 126.1 | 67.0  |

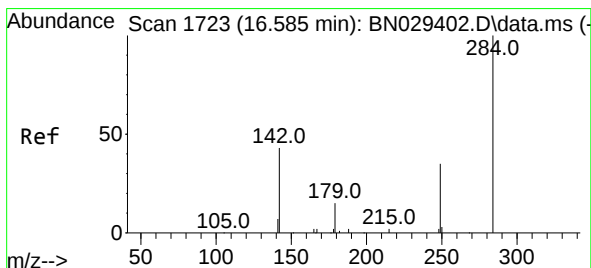
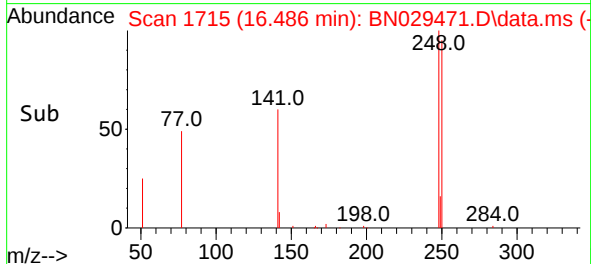
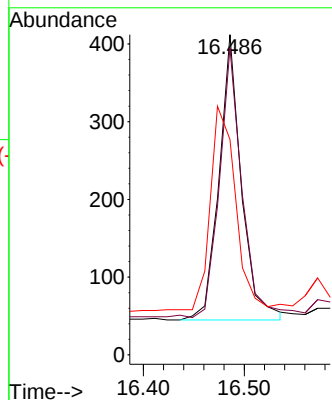
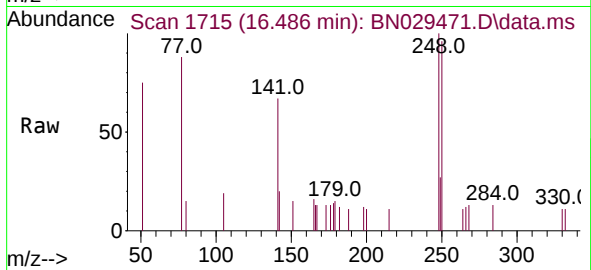




#21  
4-Bromophenyl-phenylether  
Concen: 0.097 ng  
RT: 16.486 min Scan# 1715  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

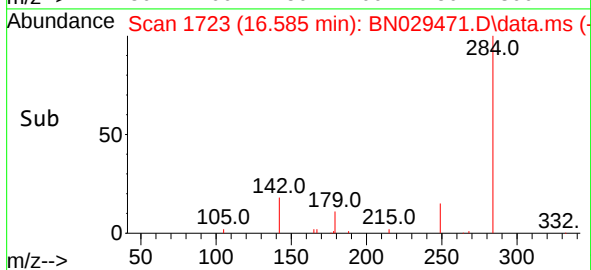
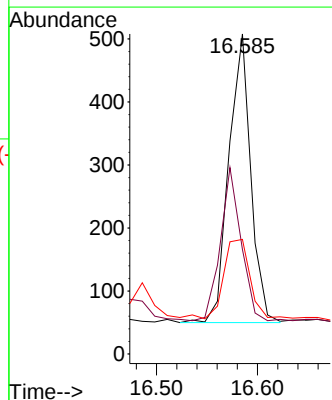
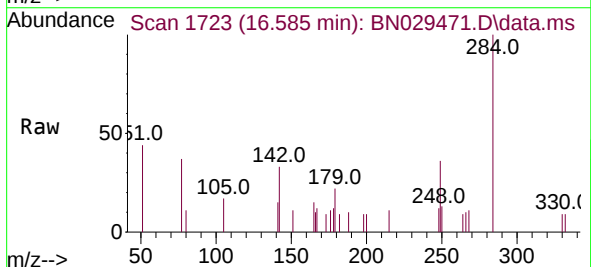
Instrument :  
BNA\_N  
ClientSampleId :

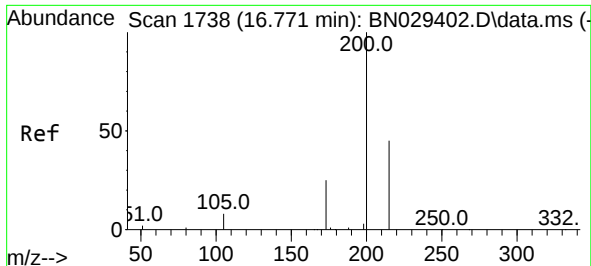
Tgt Ion:248 Resp: 565  
Ion Ratio Lower Upper  
248 100  
250 95.9 75.0 112.4  
141 67.2 77.0 115.6#



#22  
Hexachlorobenzene  
Concen: 0.097 ng  
RT: 16.585 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

Tgt Ion:284 Resp: 689  
Ion Ratio Lower Upper  
284 100  
142 50.1 39.4 59.2  
249 32.4 26.9 40.3

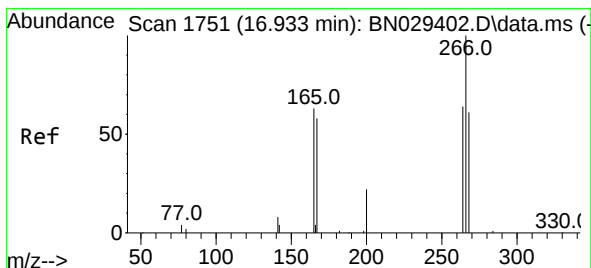
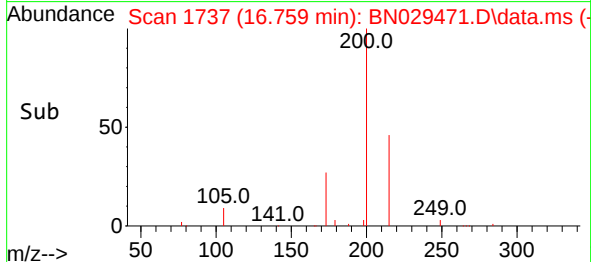
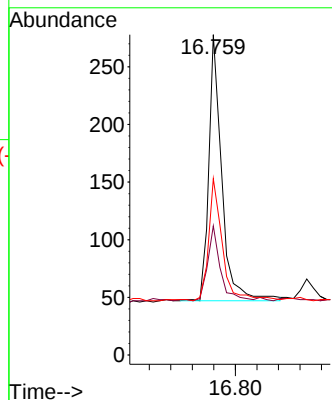
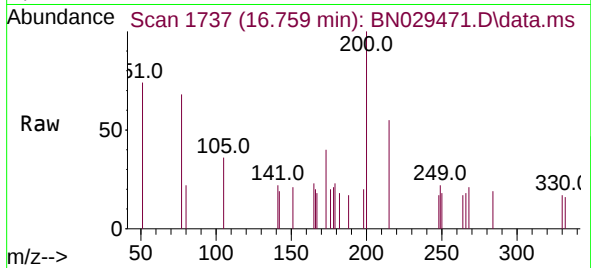




#23  
Atrazine  
Concen: 0.094 ng  
RT: 16.759 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

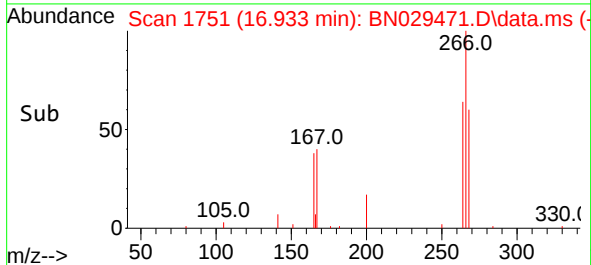
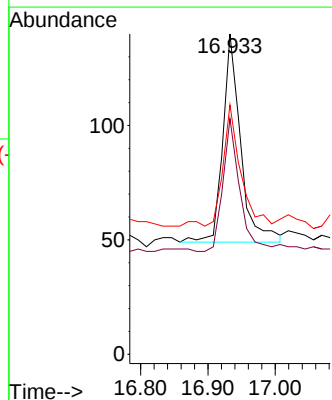
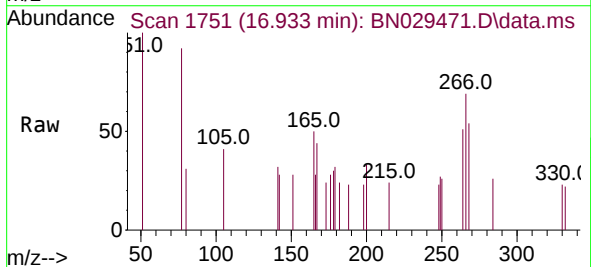
Instrument :  
BNA\_N  
ClientSampleId :

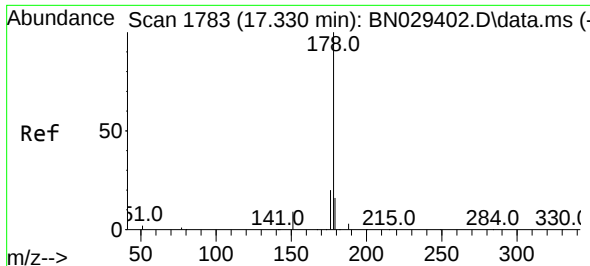
Tgt Ion:200 Resp: 389  
Ion Ratio Lower Upper  
200 100  
173 40.3 23.4 35.0#  
215 55.0 38.4 57.6



#24  
Pentachlorophenol  
Concen: 0.075 ng  
RT: 16.933 min Scan# 1751  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

Tgt Ion:266 Resp: 168  
Ion Ratio Lower Upper  
266 100  
264 64.9 50.8 76.2  
268 60.7 51.5 77.3

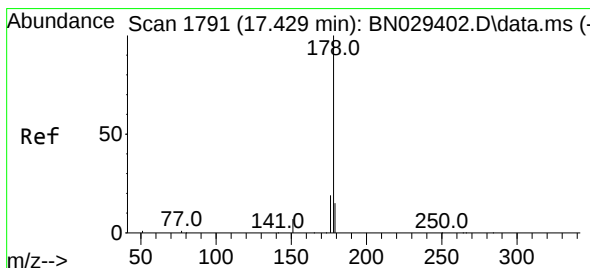
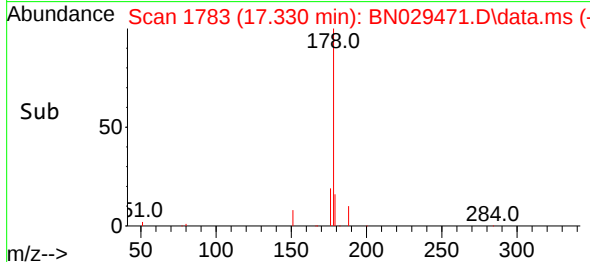
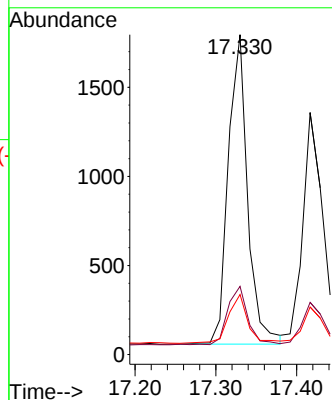
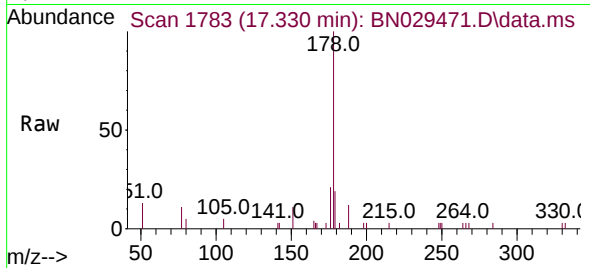




#25  
Phenanthrene  
Concen: 0.100 ng  
RT: 17.330 min Scan# 1783  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

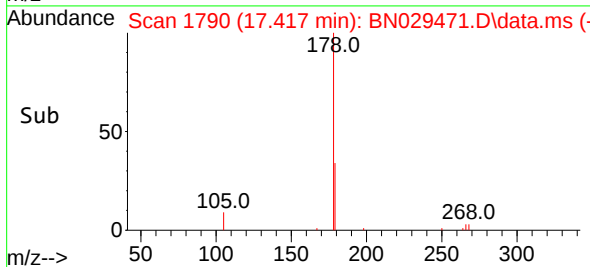
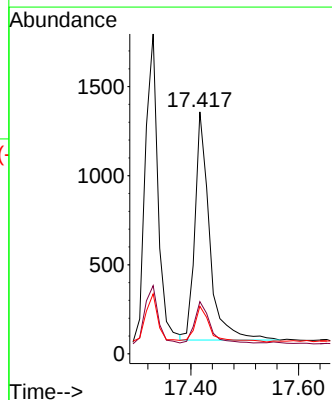
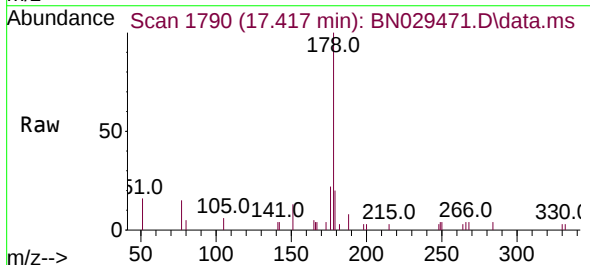
Instrument :  
BNA\_N  
ClientSampleId :

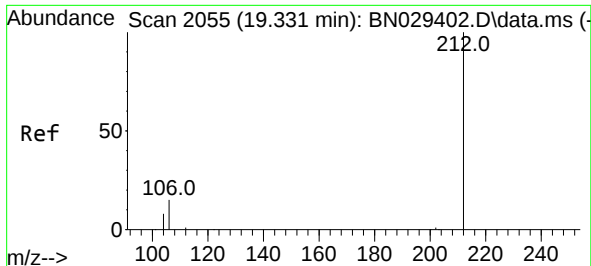
Tgt Ion:178 Resp: 2886  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.8 23.6  
179 16.0 12.6 19.0



#26  
Anthracene  
Concen: 0.098 ng  
RT: 17.417 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

Tgt Ion:178 Resp: 2406  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 16.4 12.3 18.5

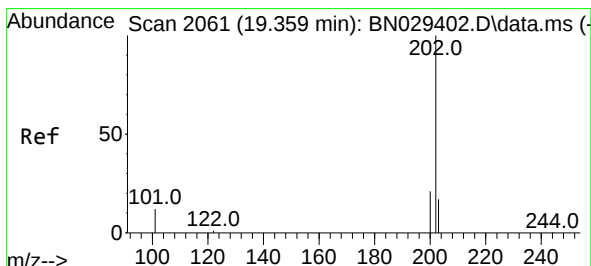
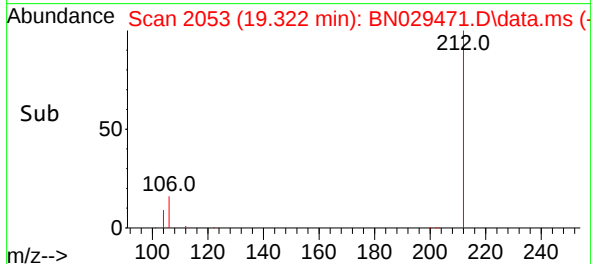
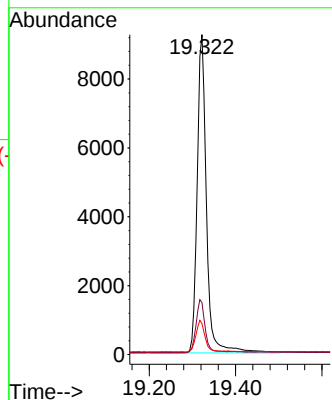
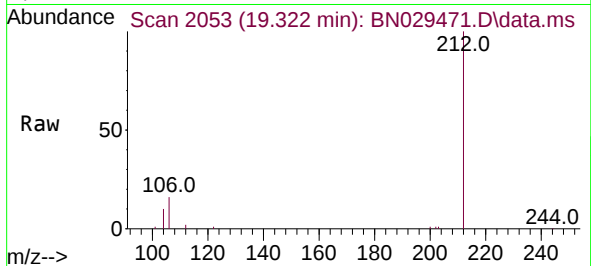




#27  
Fluoranthene-d10  
Concen: 0.586 ng  
RT: 19.322 min Scan# 2053  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

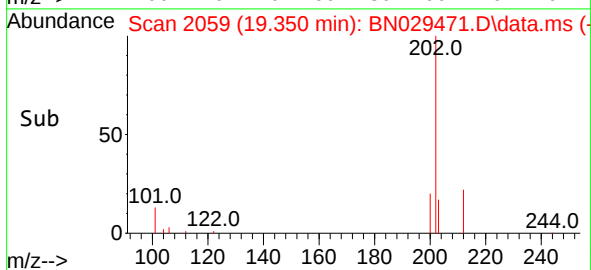
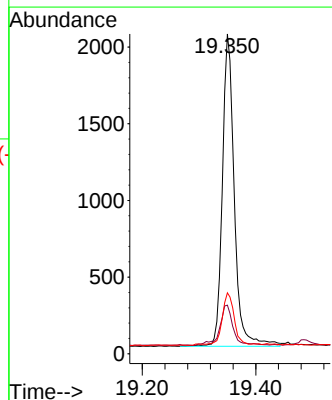
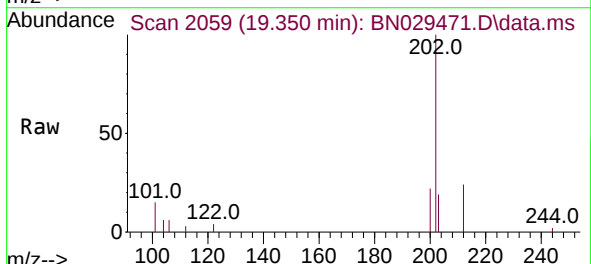
Instrument :  
BNA\_N  
ClientSampleId :

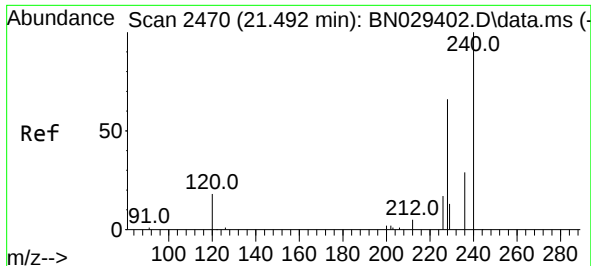
Tgt Ion:212 Resp: 13827  
Ion Ratio Lower Upper  
212 100  
106 16.0 13.2 19.8  
104 9.5 7.7 11.5



#28  
Fluoranthene  
Concen: 0.092 ng  
RT: 19.350 min Scan# 2059  
Delta R.T. -0.005 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

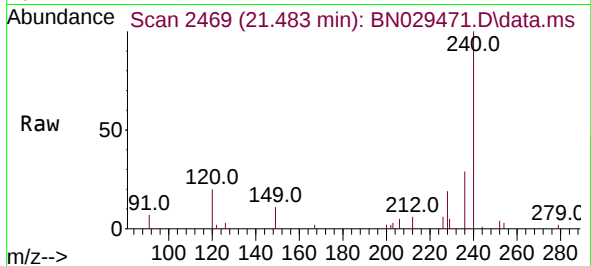
Tgt Ion:202 Resp: 2978  
Ion Ratio Lower Upper  
202 100  
101 14.7 10.5 15.7  
203 15.6 13.5 20.3



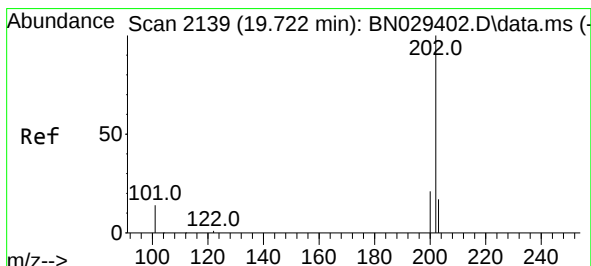
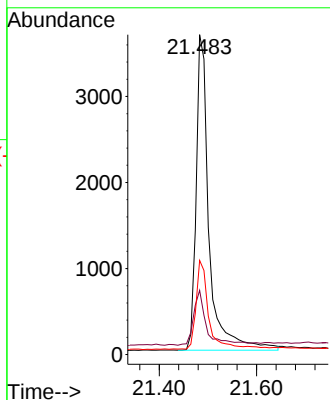
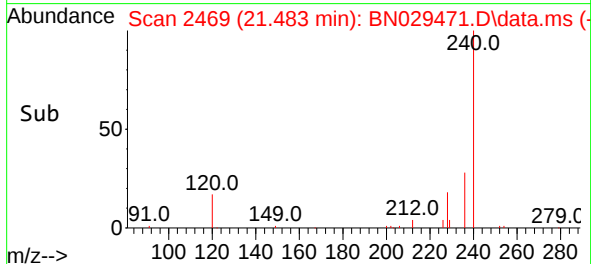


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.483 min Scan# 2469  
Delta R.T. -0.009 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

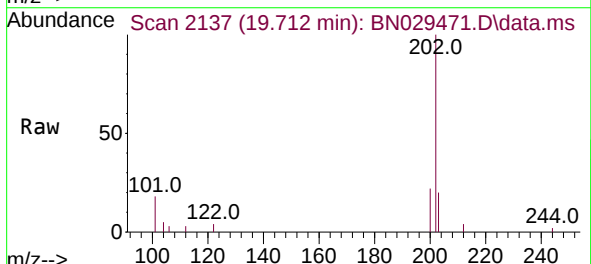
Instrument :  
BNA\_N  
ClientSampleId :



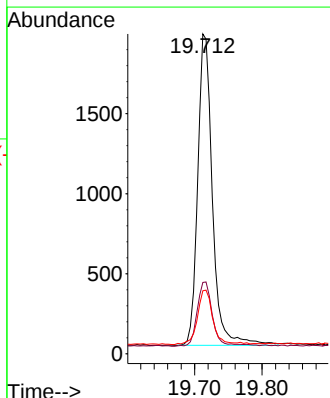
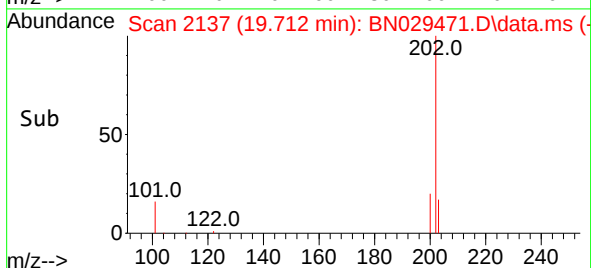
Tgt Ion:240 Resp: 6757  
Ion Ratio Lower Upper  
240 100  
120 20.1 16.7 25.1  
236 29.4 23.9 35.9

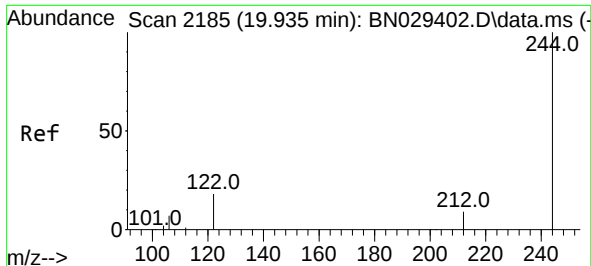


#30  
Pyrene  
Concen: 0.095 ng  
RT: 19.712 min Scan# 2137  
Delta R.T. -0.005 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59



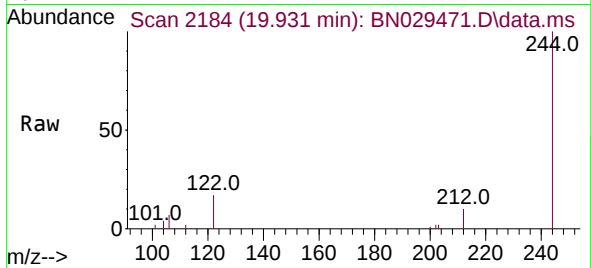
Tgt Ion:202 Resp: 2944  
Ion Ratio Lower Upper  
202 100  
200 21.7 16.6 25.0  
203 18.0 14.2 21.4



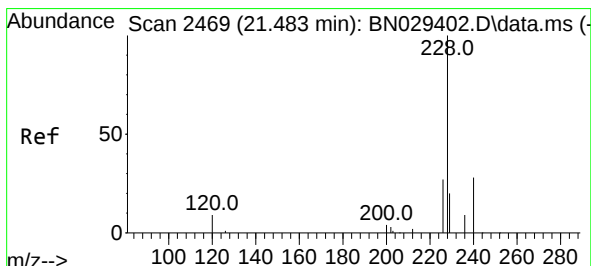
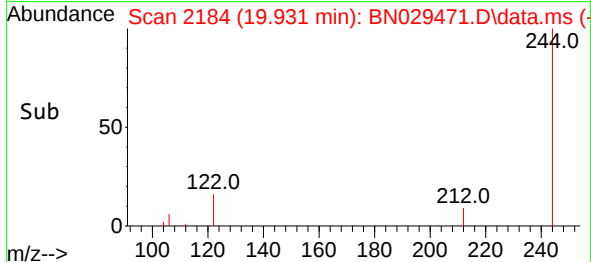
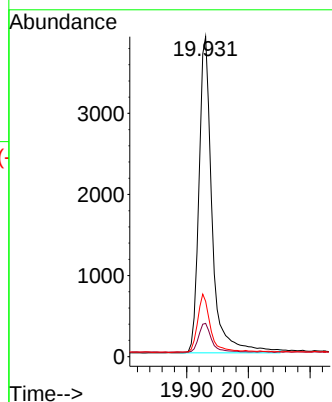


#31  
 Terphenyl-d14  
 Concen: 0.343 ng  
 RT: 19.931 min Scan# 2185  
 Delta R.T. -0.000 min  
 Lab File: BN029471.D  
 Acq: 01 Feb 2024 04:59

Instrument :  
 BNA\_N  
 ClientSampleId :

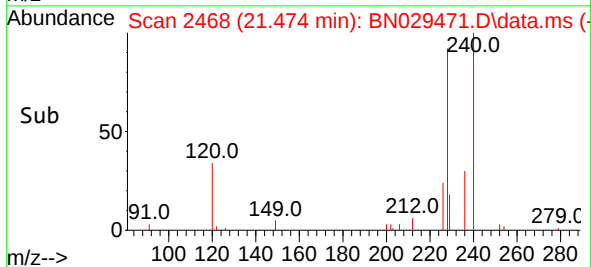
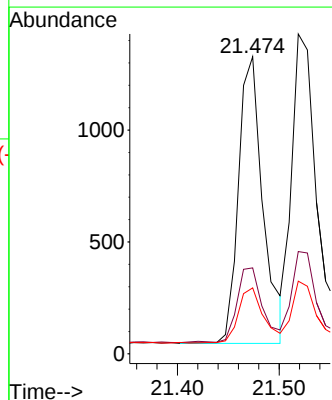
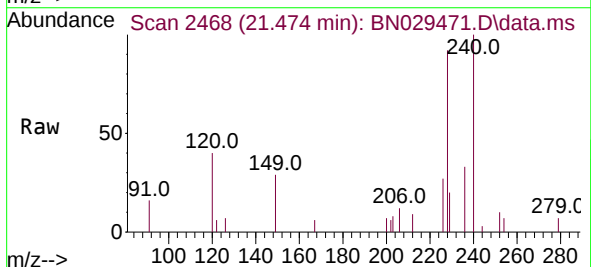


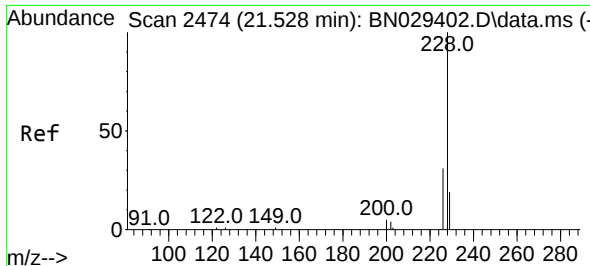
Tgt Ion:244 Resp: 5754  
 Ion Ratio Lower Upper  
 244 100  
 212 10.4 8.2 12.4  
 122 17.3 15.6 23.4



#32  
 Benzo(a)anthracene  
 Concen: 0.093 ng  
 RT: 21.474 min Scan# 2468  
 Delta R.T. -0.000 min  
 Lab File: BN029471.D  
 Acq: 01 Feb 2024 04:59

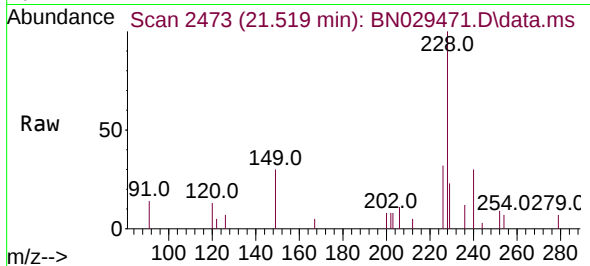
Tgt Ion:228 Resp: 2138  
 Ion Ratio Lower Upper  
 228 100  
 226 28.9 22.2 33.4  
 229 22.2 16.5 24.7



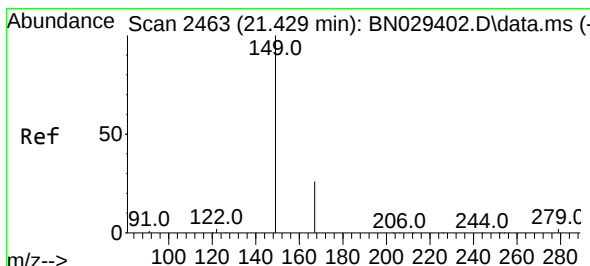
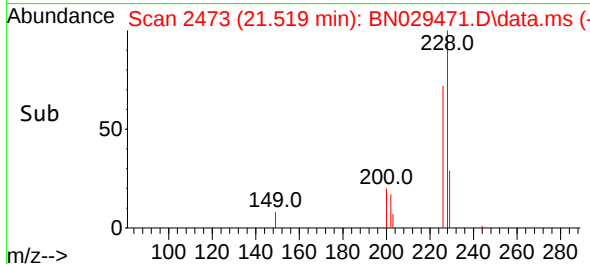
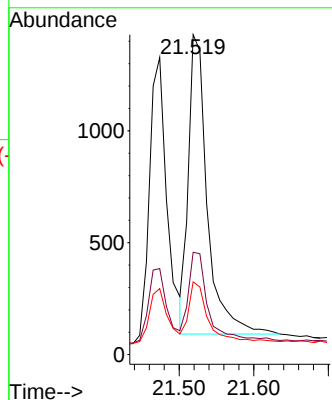


#33  
Chrysene  
Concen: 0.090 ng  
RT: 21.519 min Scan# 2473  
Delta R.T. -0.009 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

Instrument :  
BNA\_N  
ClientSampleId :

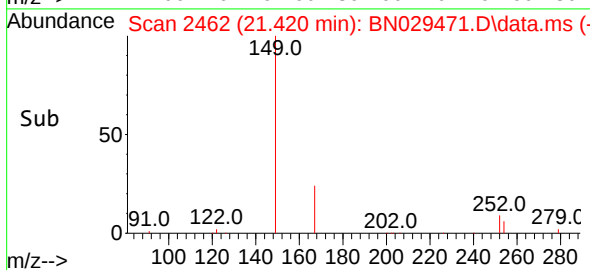
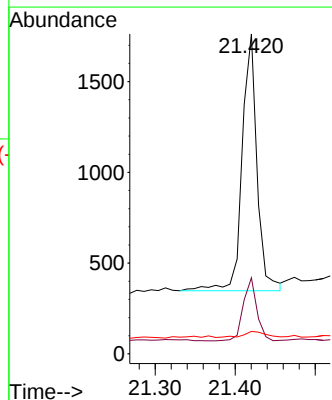
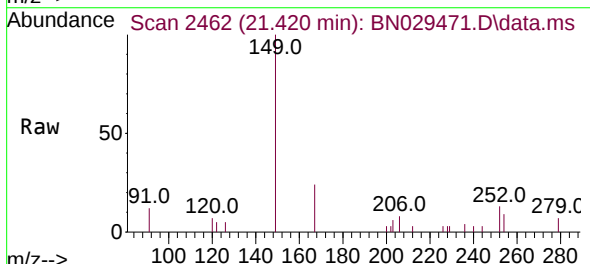


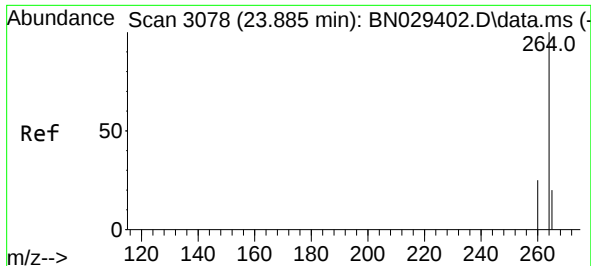
Tgt Ion:228 Resp: 2363  
Ion Ratio Lower Upper  
228 100  
226 32.0 24.9 37.3  
229 22.7 15.9 23.9



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.116 ng  
RT: 21.420 min Scan# 2462  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

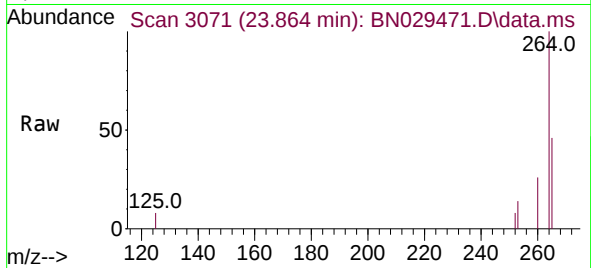
Tgt Ion:149 Resp: 1832  
Ion Ratio Lower Upper  
149 100  
167 22.2 20.1 30.1  
279 2.8 2.5 3.7



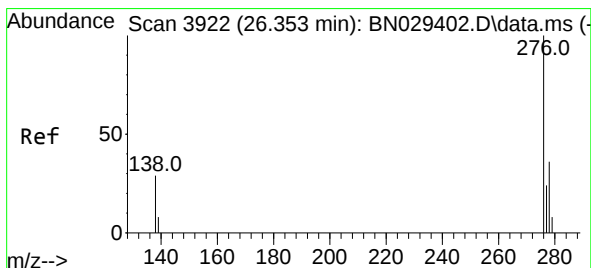
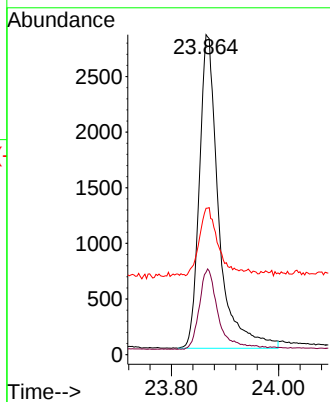
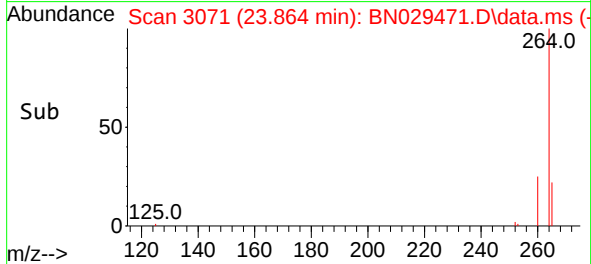


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.864 min Scan# 3078  
Delta R.T. -0.006 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

Instrument :  
BNA\_N  
ClientSampleId :

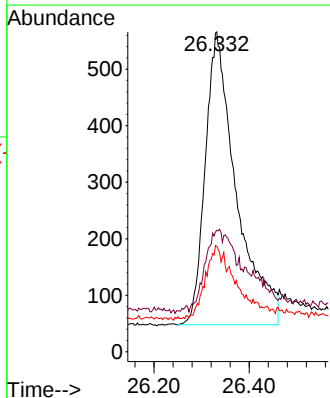
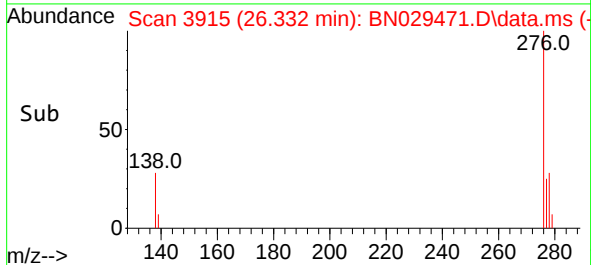
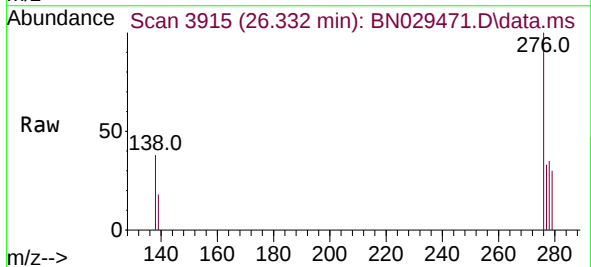


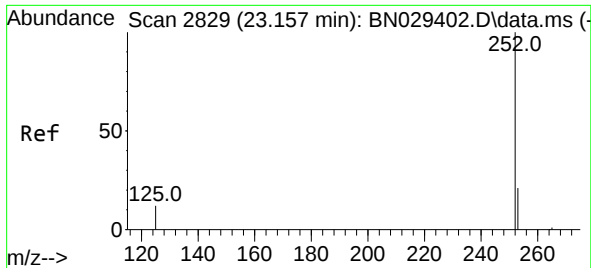
Tgt Ion:264 Resp: 7076  
Ion Ratio Lower Upper  
264 100  
260 25.7 21.2 31.8  
265 45.7 41.5 62.3



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.083 ng  
RT: 26.332 min Scan# 3915  
Delta R.T. -0.003 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

Tgt Ion:276 Resp: 2349  
Ion Ratio Lower Upper  
276 100  
138 15.1 20.5 30.7#  
277 11.7 17.0 25.4#





#37

Benzo(b)fluoranthene

Concen: 0.084 ng

RT: 23.145 min Scan# 2825

Delta R.T. -0.003 min

Lab File: BN029471.D

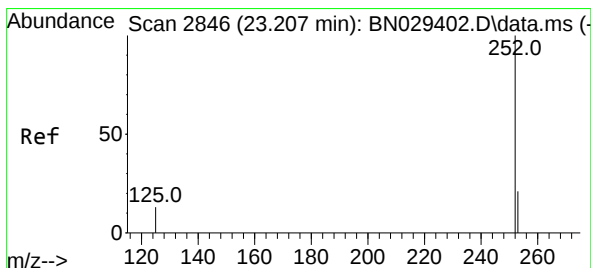
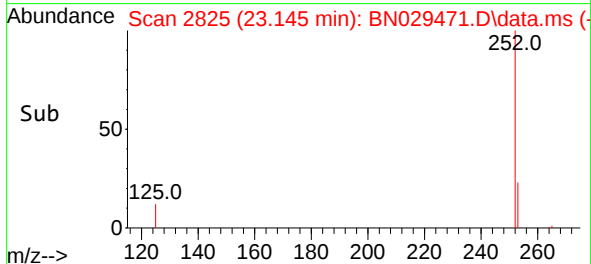
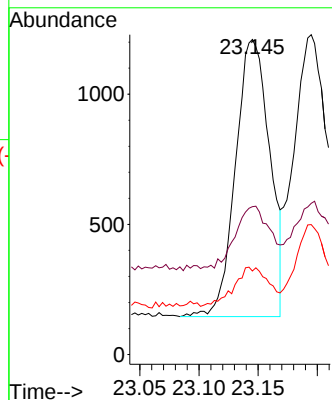
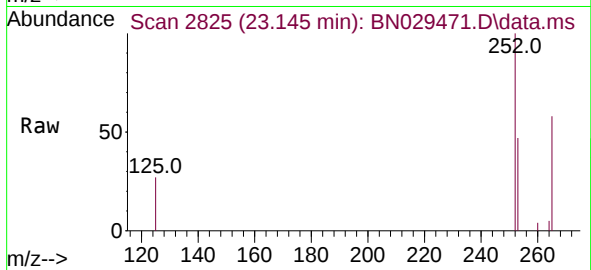
Acq: 01 Feb 2024 04:59

Instrument :

BNA\_N

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:252 | Resp: | 2137       |
| Ion Ratio   | Lower | Upper      |
| 252         | 100   |            |
| 253         | 46.9  | 21.7 32.5# |
| 125         | 26.5  | 13.3 19.9# |



#38

Benzo(k)fluoranthene

Concen: 0.081 ng

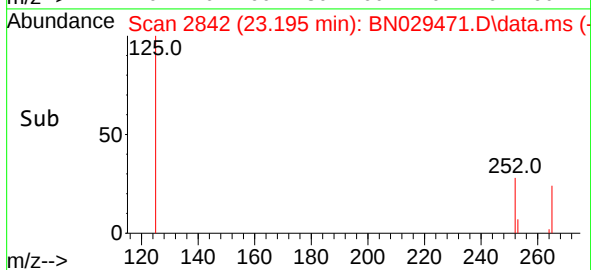
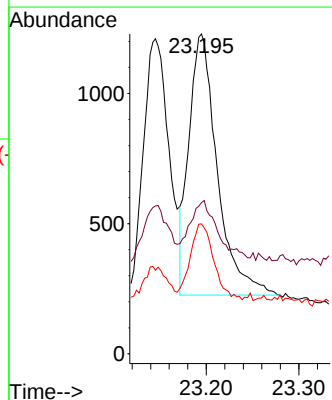
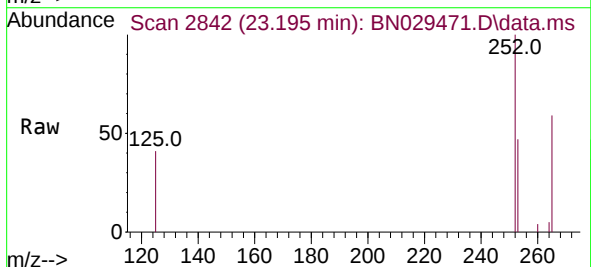
RT: 23.195 min Scan# 2842

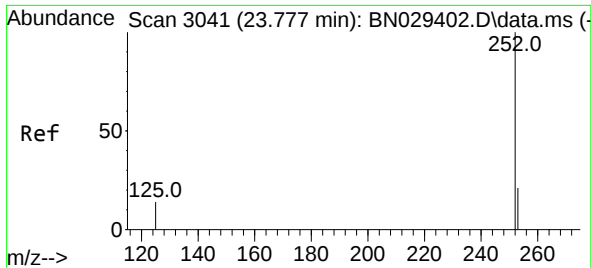
Delta R.T. -0.003 min

Lab File: BN029471.D

Acq: 01 Feb 2024 04:59

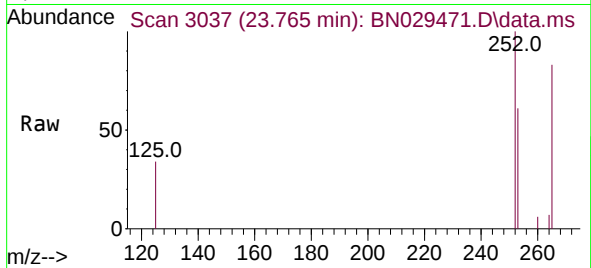
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:252 | Resp: | 2139       |
| Ion Ratio   | Lower | Upper      |
| 252         | 100   |            |
| 253         | 47.3  | 21.8 32.8# |
| 125         | 40.6  | 13.9 20.9# |



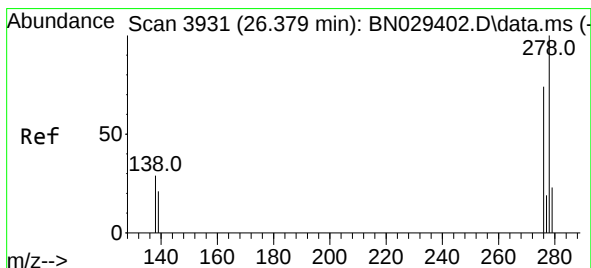
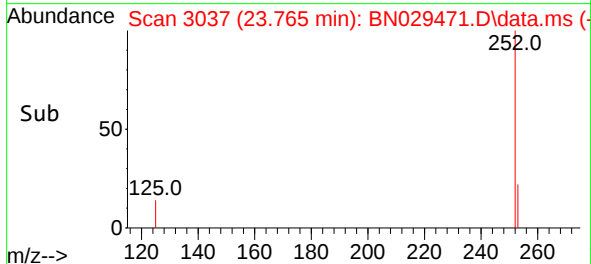
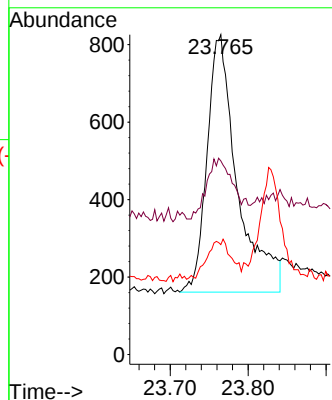


#39  
Benzo(a)pyrene  
Concen: 0.081 ng  
RT: 23.765 min Scan# 3041  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

Instrument :  
BNA\_N  
ClientSampleId :

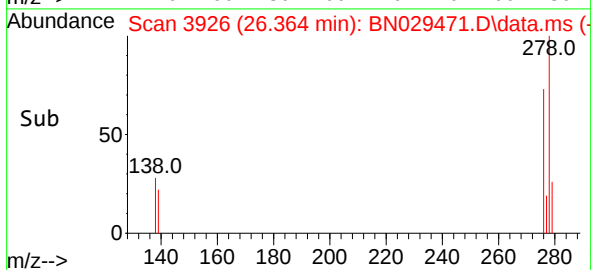
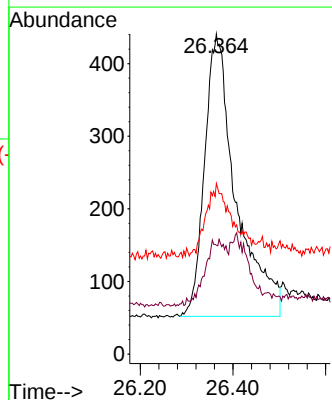
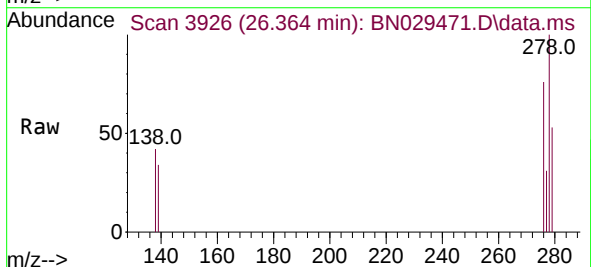


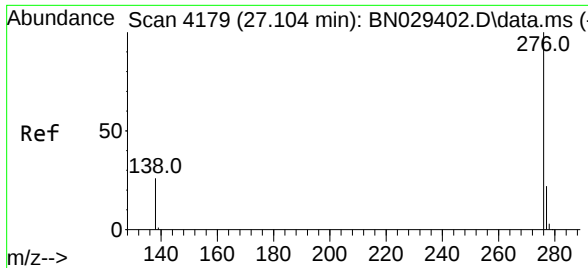
Tgt Ion:252 Resp: 1794  
Ion Ratio Lower Upper  
252 100  
253 60.5 24.9 37.3#  
125 34.4 16.6 25.0#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.081 ng  
RT: 26.364 min Scan# 3926  
Delta R.T. -0.000 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

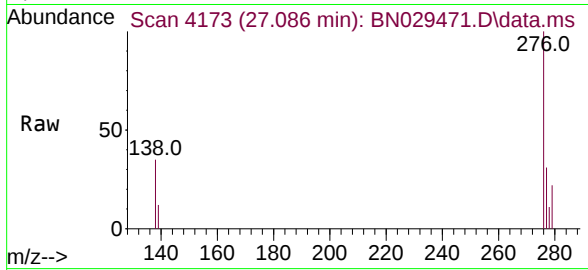
Tgt Ion:278 Resp: 1831  
Ion Ratio Lower Upper  
278 100  
139 34.0 20.4 30.6#  
279 53.3 25.0 37.6#





#41  
Benzo(g,h,i)perylene  
Concen: 0.079 ng  
RT: 27.086 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: BN029471.D  
Acq: 01 Feb 2024 04:59

Instrument :  
BNA\_N  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 2184  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 31.3  | 19.4  | 29.2# |
| 138      | 35.1  | 23.5  | 35.3  |

