

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121222\  
 Data File : BN023146.D  
 Acq On : 12 Dec 2022 22:55  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Dec 13 05:47:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 12 05:18:26 2022  
 Response via : Initial Calibration

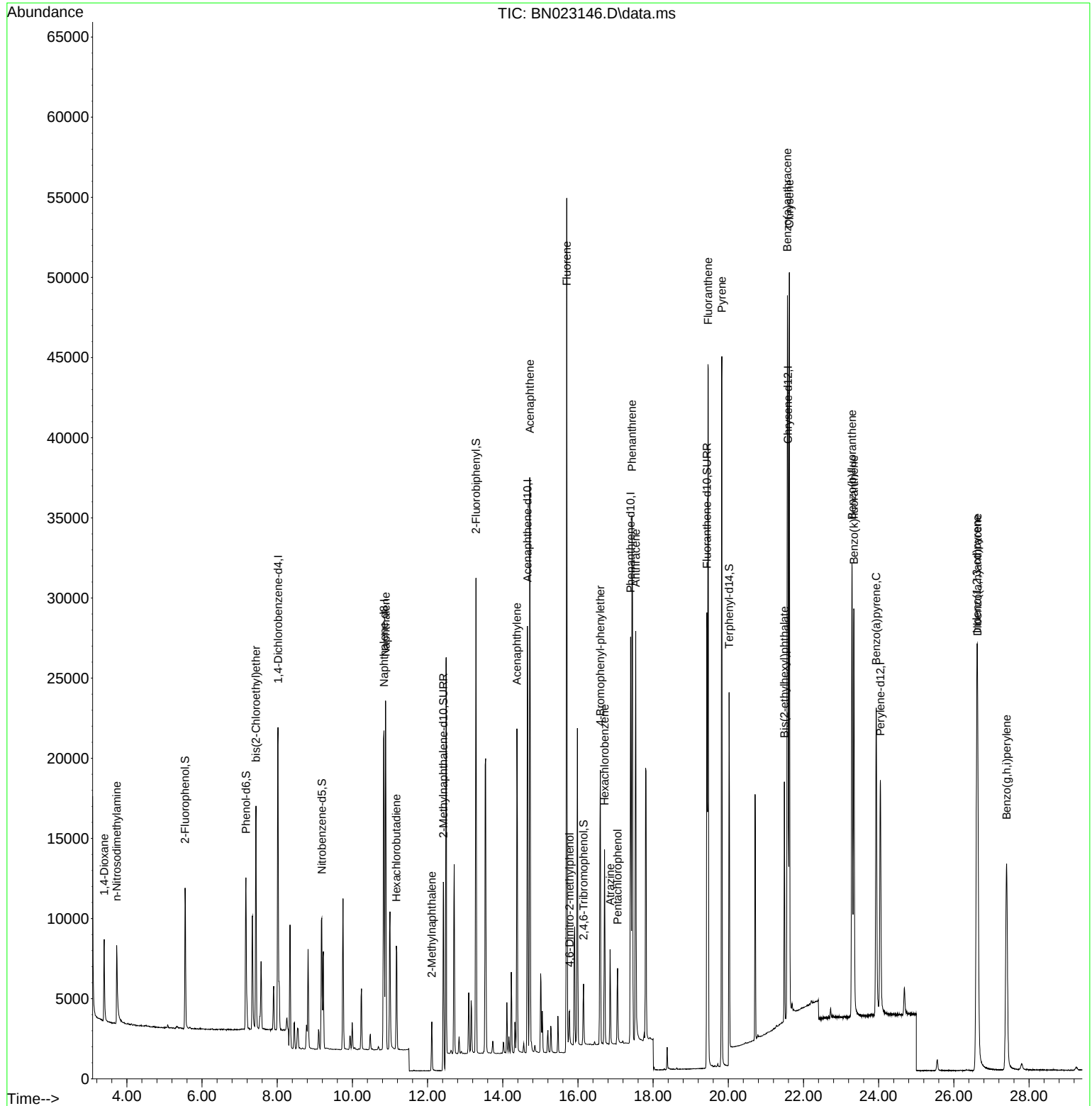
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.020  | 152  | 9153     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.840 | 136  | 27370    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.655 | 164  | 14738    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.402 | 188  | 31894    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.589 | 240  | 26601    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.044 | 264  | 21749    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.550  | 112  | 7150     | 0.419 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.168  | 99   | 8921     | 0.412 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.185  | 82   | 6946     | 0.385 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.420 | 152  | 15194    | 0.327 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.148 | 330  | 2179     | 0.407 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.287 | 172  | 23571    | 0.400 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.431 | 212  | 30060    | 0.403 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.022 | 244  | 16045    | 0.372 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.398  | 88   | 3599     | 0.398 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.730  | 42   | 3603     | 0.406 | ng    | # 96     |
| 6) bis(2-Chloroethyl)ether    | 7.435  | 93   | 9977     | 0.405 | ng    | 99       |
| 9) Naphthalene                | 10.882 | 128  | 27219    | 0.390 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.171 | 225  | 5318     | 0.400 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.113 | 142  | 4440     | 0.428 | ng    | 97       |
| 16) Acenaphthylene            | 14.378 | 152  | 22084    | 0.372 | ng    | 100      |
| 17) Acenaphthene              | 14.720 | 154  | 16682    | 0.382 | ng    | 99       |
| 18) Fluorene                  | 15.703 | 166  | 19724    | 0.404 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.776 | 198  | 1090     | 0.405 | ng    | 93       |
| 21) 4-Bromophenyl-phenylether | 16.595 | 248  | 6817     | 0.400 | ng    | # 82     |
| 22) Hexachlorobenzene         | 16.707 | 284  | 8810     | 0.395 | ng    | 100      |
| 23) Atrazine                  | 16.856 | 200  | 4282     | 0.357 | ng    | # 92     |
| 24) Pentachlorophenol         | 17.054 | 266  | 2333     | 0.301 | ng    | 98       |
| 25) Phenanthrene              | 17.439 | 178  | 36181    | 0.381 | ng    | 100      |
| 26) Anthracene                | 17.538 | 178  | 27649    | 0.365 | ng    | 100      |
| 28) Fluoranthene              | 19.464 | 202  | 38766    | 0.381 | ng    | 99       |
| 30) Pyrene                    | 19.827 | 202  | 38350    | 0.394 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.571 | 228  | 32649    | 0.381 | ng    | 100      |
| 33) Chrysene                  | 21.625 | 228  | 37728    | 0.392 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.491 | 149  | 13398    | 0.370 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.611 | 276  | 37498    | 0.385 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 23.290 | 252  | 35594    | 0.395 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 23.340 | 252  | 34090    | 0.372 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.933 | 252  | 27540    | 0.407 | ng    | # 91     |
| 40) Dibenzo(a,h)anthracene    | 26.632 | 278  | 29194    | 0.373 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 27.404 | 276  | 28522    | 0.341 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

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Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
SSTDCCC0.4

Quant Time: Dec 13 05:47:02 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 12 05:18:26 2022  
Response via : Initial Calibration

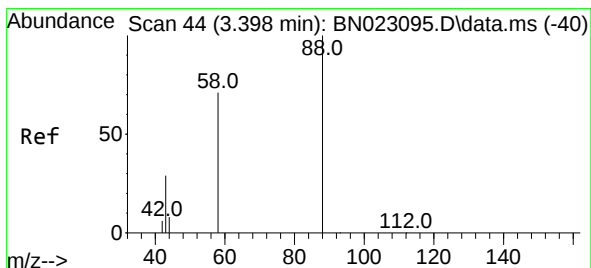
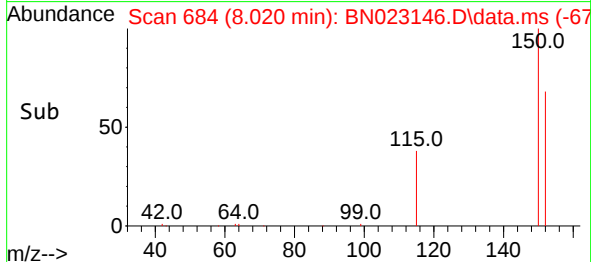
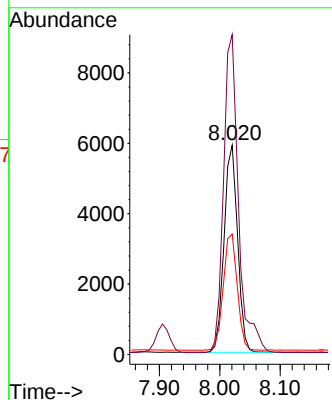
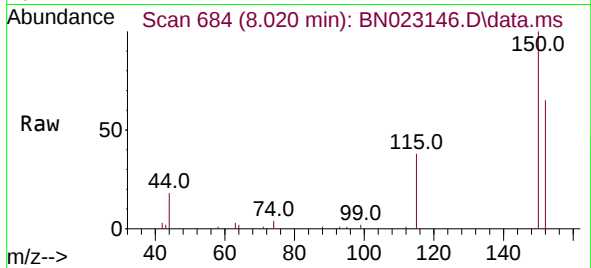




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.020 min Scan# 684  
 Delta R.T. -0.001 min  
 Lab File: BN023146.D  
 Acq: 12 Dec 2022 22:55

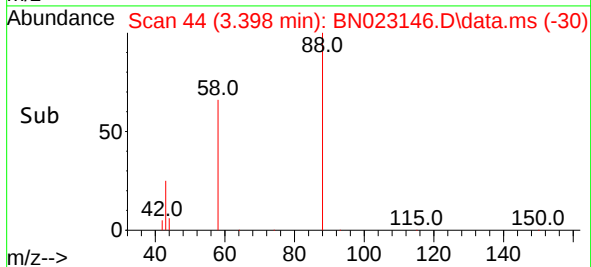
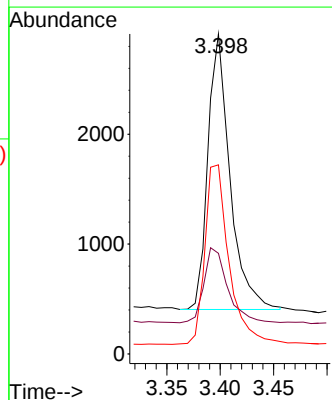
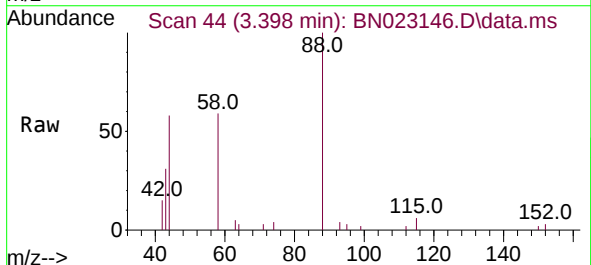
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion:152 Resp: 9153  
 Ion Ratio Lower Upper  
 152 100  
 150 152.8 125.6 188.4  
 115 57.5 49.0 73.4



#2  
 1,4-Dioxane  
 Concen: 0.398 ng  
 RT: 3.398 min Scan# 44  
 Delta R.T. -0.000 min  
 Lab File: BN023146.D  
 Acq: 12 Dec 2022 22:55

Tgt Ion: 88 Resp: 3599  
 Ion Ratio Lower Upper  
 88 100  
 43 29.1 23.3 34.9  
 58 71.4 58.0 87.0

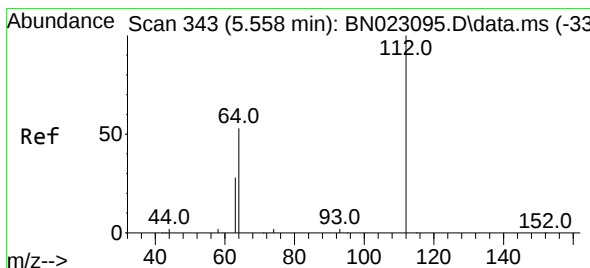
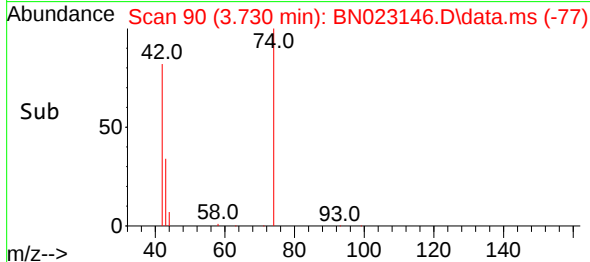
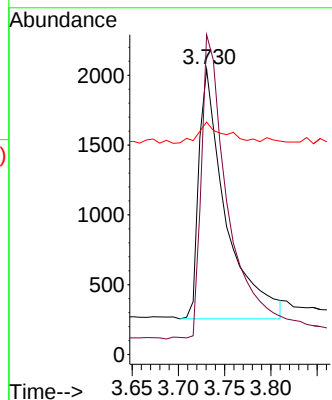
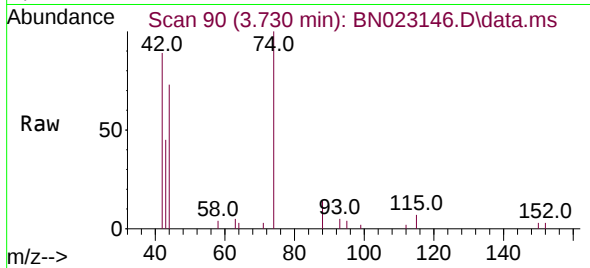




#3  
n-Nitrosodimethylamine  
Concen: 0.406 ng  
RT: 3.730 min Scan# 90  
Delta R.T. -0.007 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

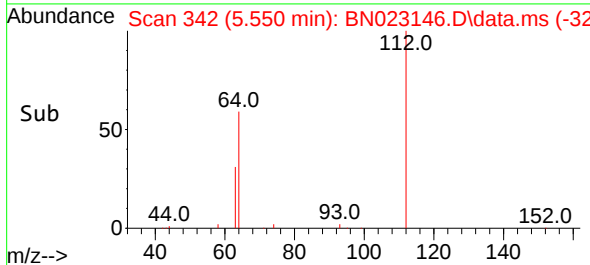
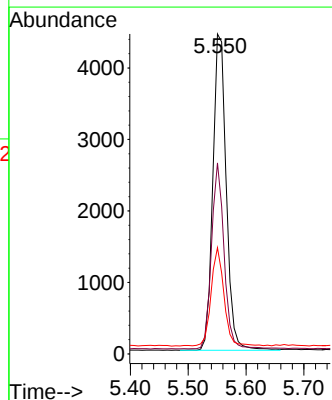
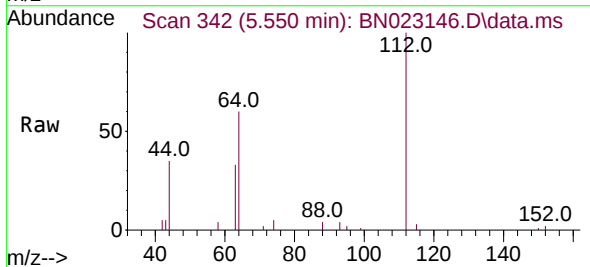
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BNA\_N  
ClientSampleId :  
SSTDCCC0.4

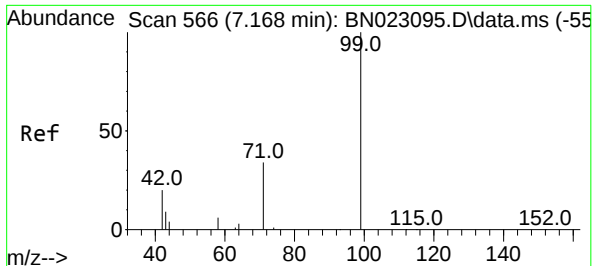
Tgt Ion: 42 Resp: 3603  
Ion Ratio Lower Upper  
42 100  
74 124.5 95.8 143.6  
44 8.4 8.4 12.6#



#4  
2-Fluorophenol  
Concen: 0.419 ng  
RT: 5.550 min Scan# 342  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

Tgt Ion: 112 Resp: 7150  
Ion Ratio Lower Upper  
112 100  
64 55.5 44.4 66.6  
63 29.8 23.7 35.5

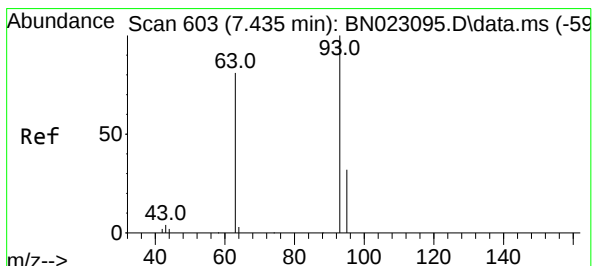
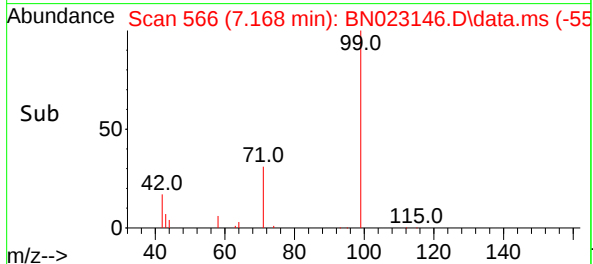
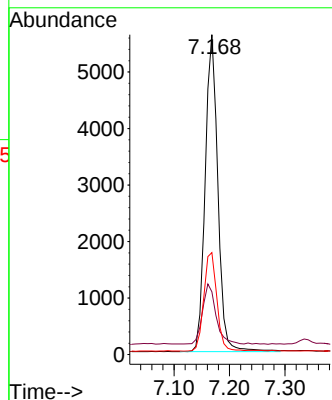
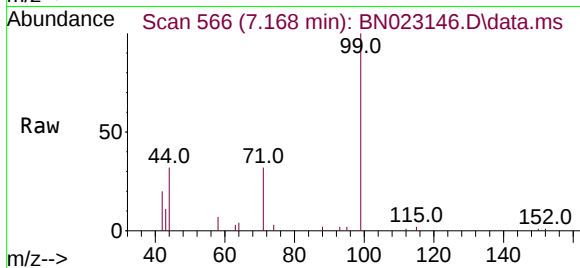




#5  
Phenol-d6  
Concen: 0.412 ng  
RT: 7.168 min Scan# 566  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

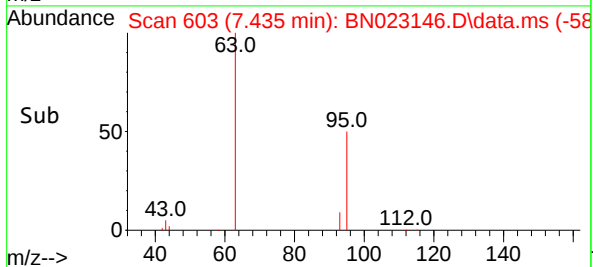
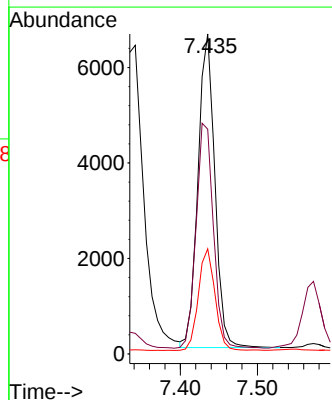
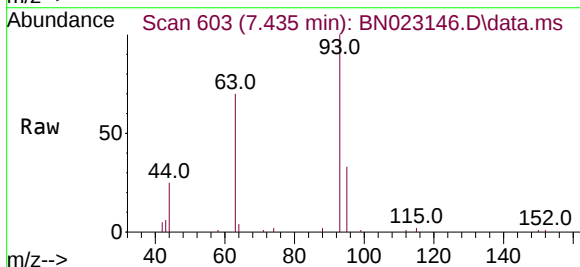
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

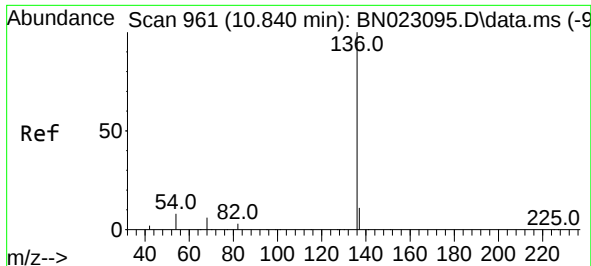
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 8921  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 19.9  | 16.3  | 24.5  |
| 71       | 32.0  | 26.5  | 39.7  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.405 ng  
RT: 7.435 min Scan# 603  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 9977  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 73.7  | 58.1  | 87.1  |
| 95       | 32.1  | 25.2  | 37.8  |

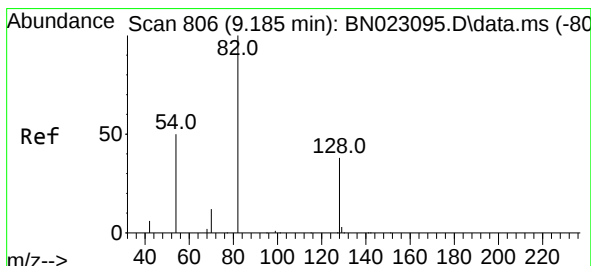
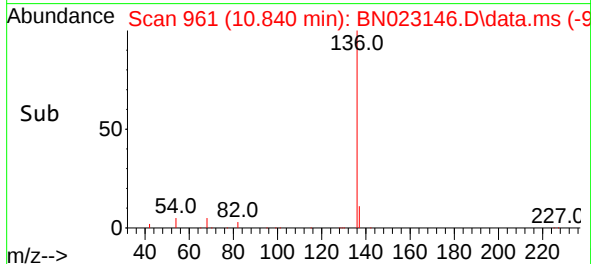
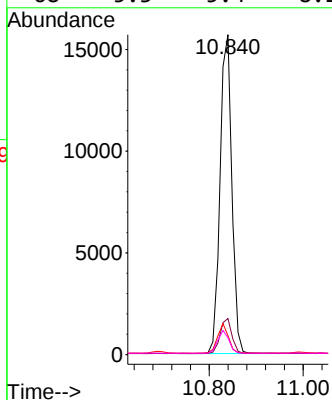
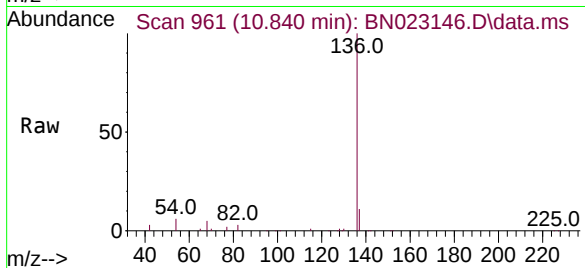




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.840 min Scan# 961  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

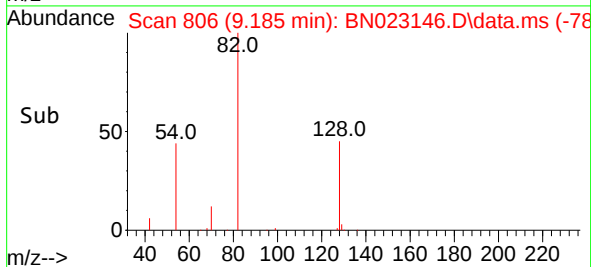
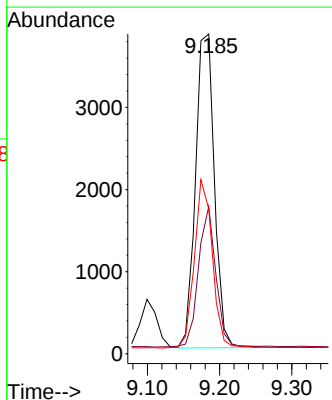
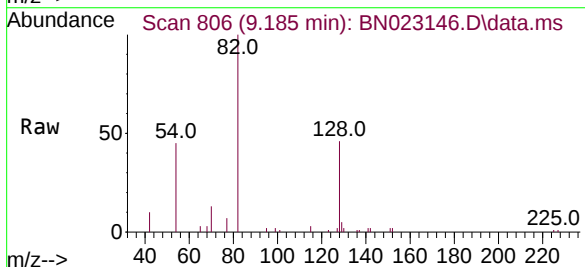
Instrument :  
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ClientSampleId :  
SSTDCCC0.4

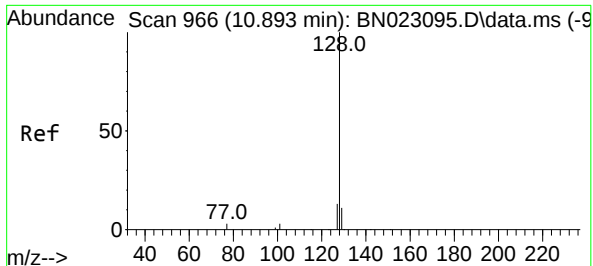
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 27370 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.3  | 9.0   | 13.4  |
| 54       | 5.9   | 6.5   | 9.7#  |
| 68       | 5.3   | 5.4   | 8.2#  |



#8  
Nitrobenzene-d5  
Concen: 0.385 ng  
RT: 9.185 min Scan# 806  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 6946  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 46.1  | 31.4  | 47.2  |
| 54       | 45.2  | 41.0  | 61.4  |

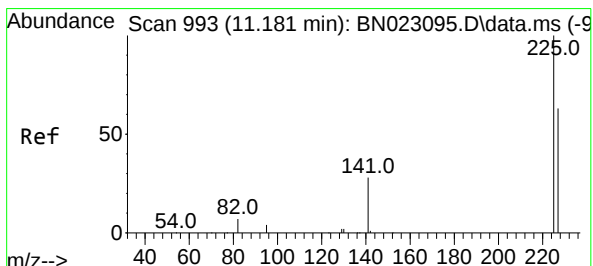
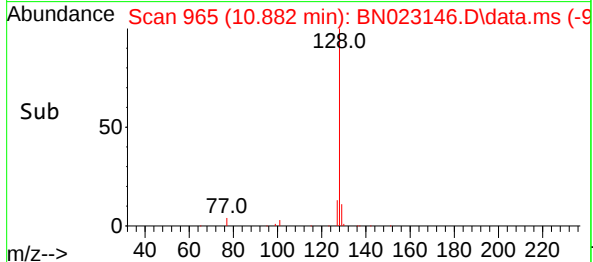
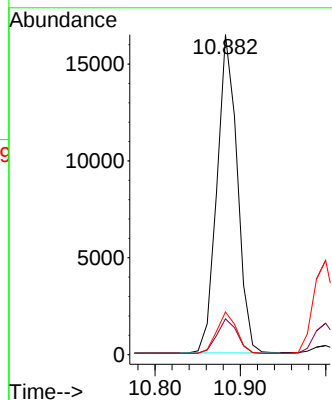
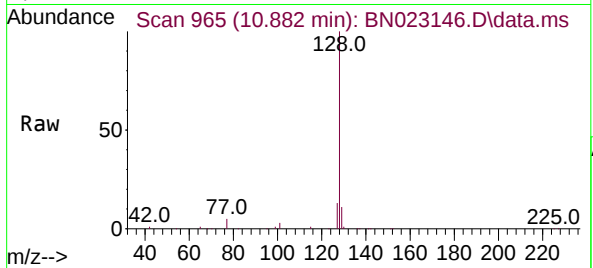




#9  
Naphthalene  
Concen: 0.390 ng  
RT: 10.882 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
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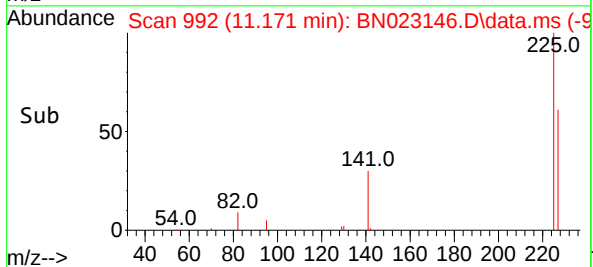
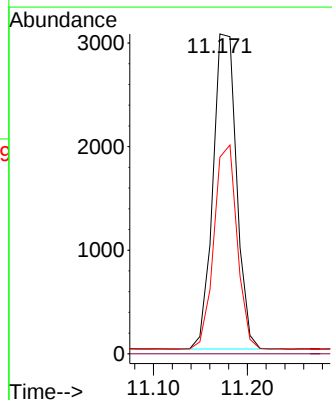
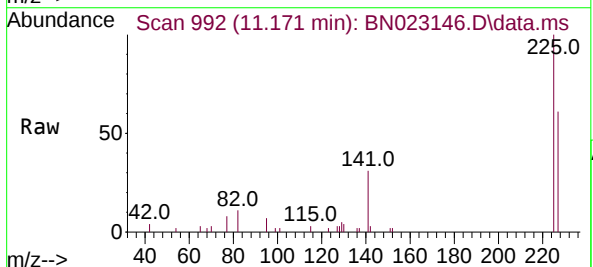
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

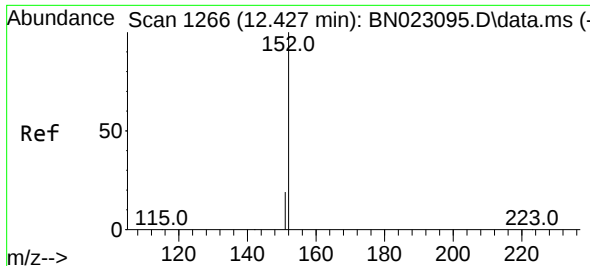
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 27219 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.2  | 9.0   | 13.6  |
| 127      | 13.3  | 10.5  | 15.7  |



#10  
Hexachlorobutadiene  
Concen: 0.400 ng  
RT: 11.171 min Scan# 992  
Delta R.T. -0.011 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 5318  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.5  | 51.1  | 76.7  |

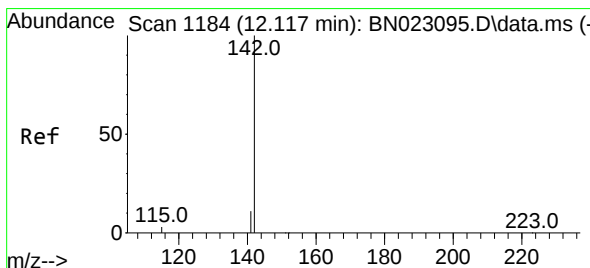
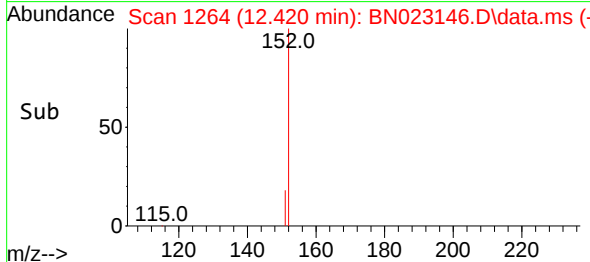
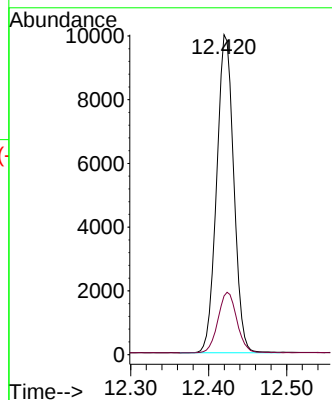
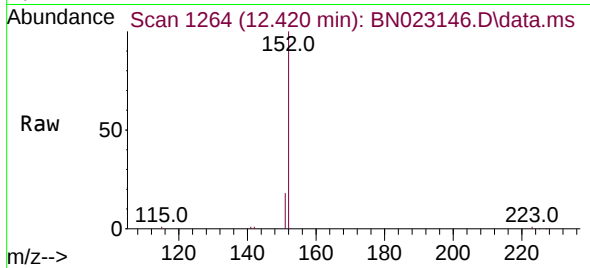




#11  
2-Methylnaphthalene-d10  
Concen: 0.327 ng  
RT: 12.420 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

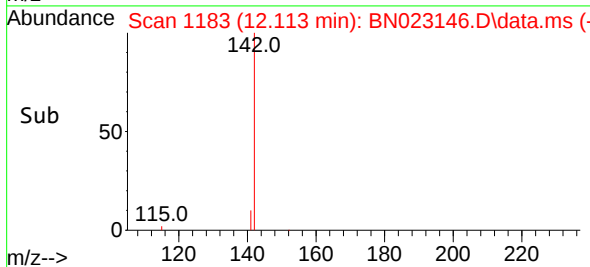
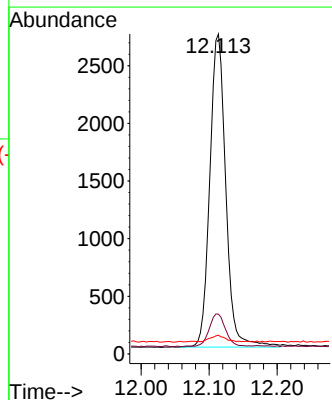
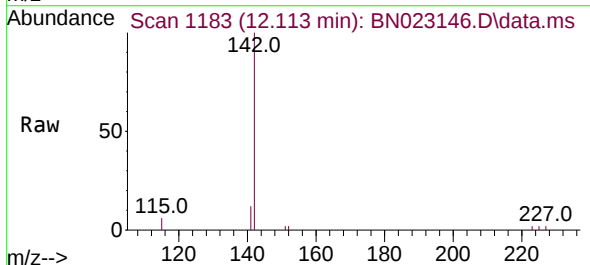
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

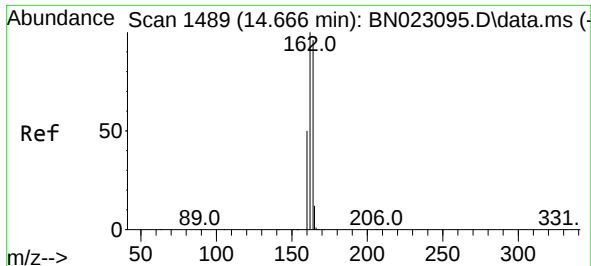
Tgt Ion:152 Resp: 15194  
Ion Ratio Lower Upper  
152 100  
151 21.1 15.1 22.7



#12  
2-Methylnaphthalene  
Concen: 0.428 ng  
RT: 12.113 min Scan# 1183  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

Tgt Ion:142 Resp: 4440  
Ion Ratio Lower Upper  
142 100  
141 12.5 10.9 16.3  
115 5.8 5.7 8.5

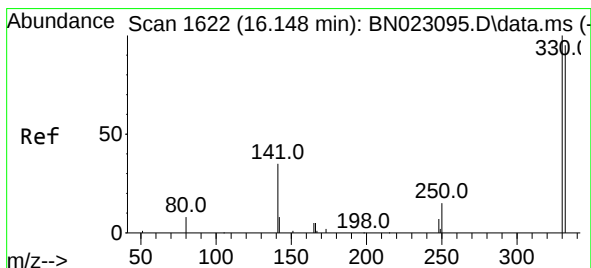
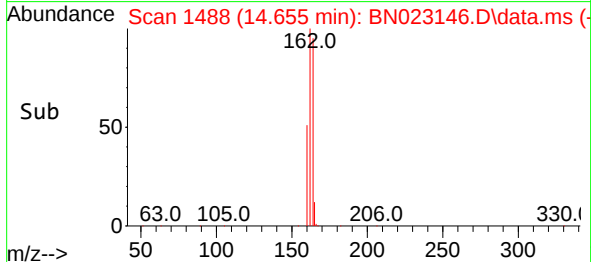
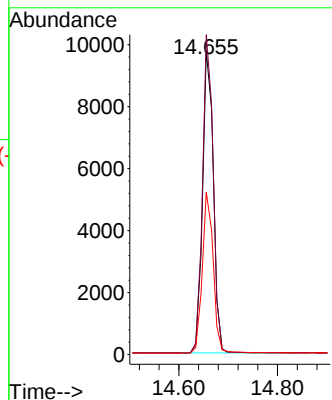
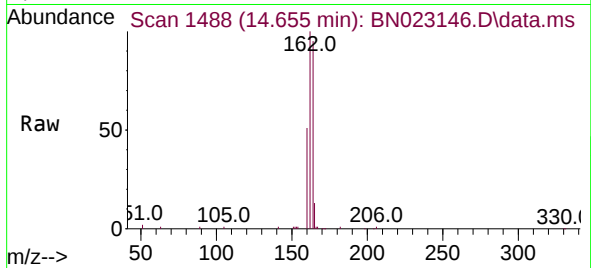




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.655 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

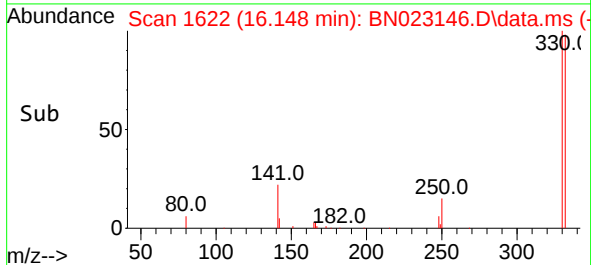
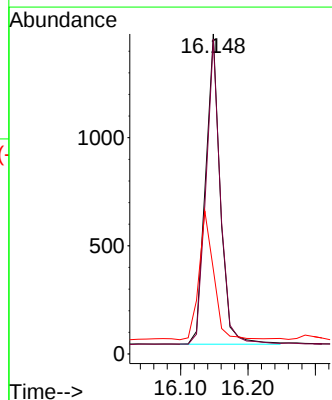
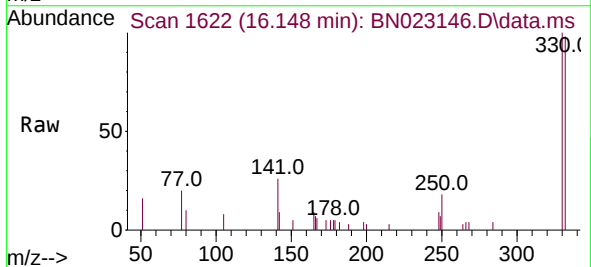
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

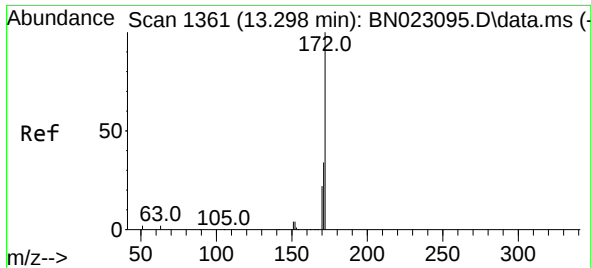
Tgt Ion:164 Resp: 14738  
Ion Ratio Lower Upper  
164 100  
162 105.5 83.4 125.0  
160 53.6 41.8 62.8



#14  
2,4,6-Tribromophenol  
Concen: 0.407 ng  
RT: 16.148 min Scan# 1622  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

Tgt Ion:330 Resp: 2179  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.3 115.9  
141 41.4 33.5 50.3

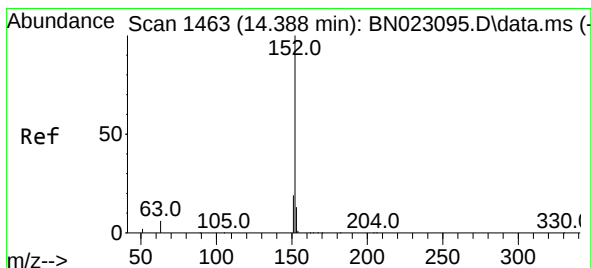
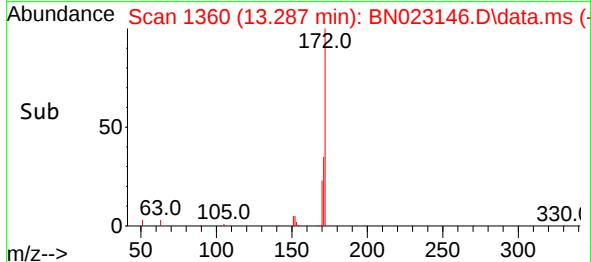
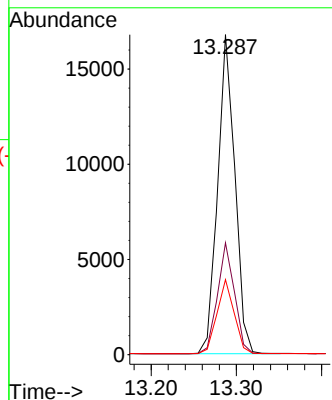
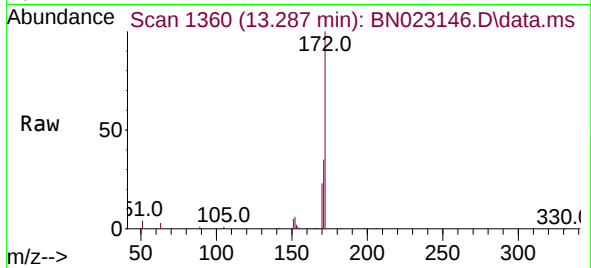




#15  
2-Fluorobiphenyl  
Concen: 0.400 ng  
RT: 13.287 min Scan# 1361  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

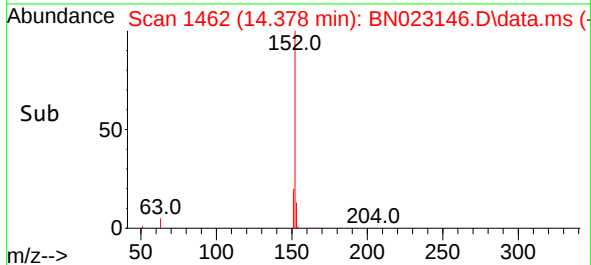
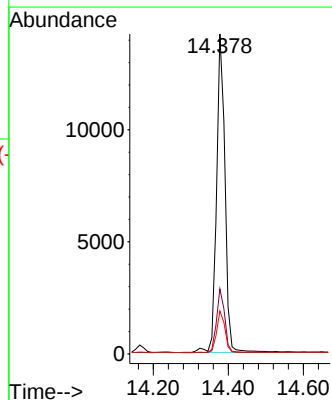
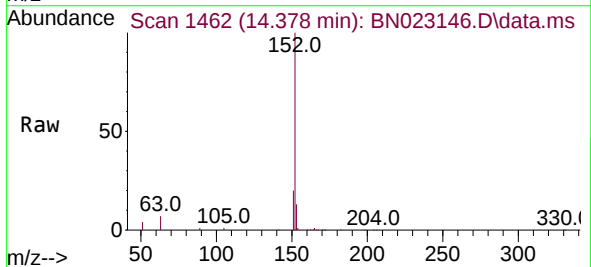
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

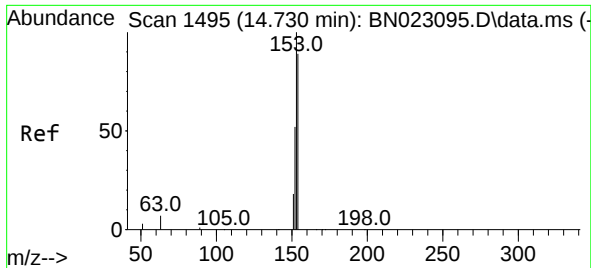
Tgt Ion:172 Resp: 23571  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.4 41.0  
170 23.4 17.9 26.9



#16  
Acenaphthylene  
Concen: 0.372 ng  
RT: 14.378 min Scan# 1462  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

Tgt Ion:152 Resp: 22084  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.4 23.2  
153 12.9 10.3 15.5

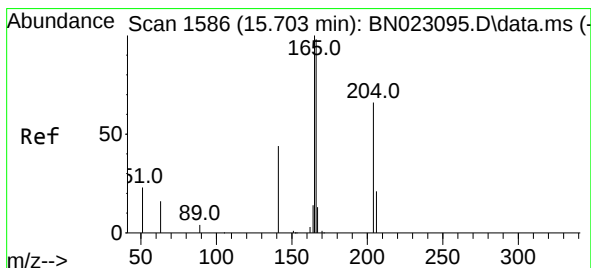
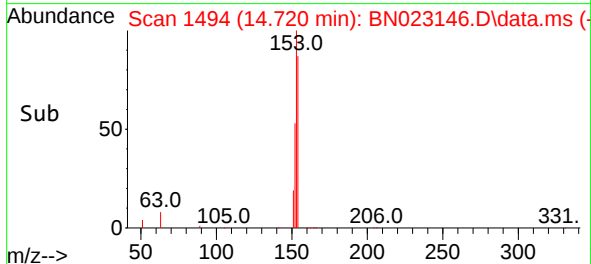
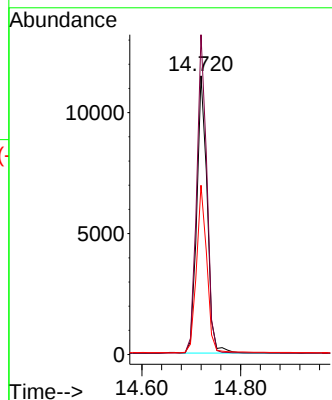
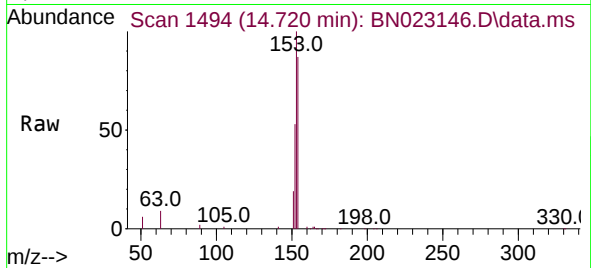




#17  
Acenaphthene  
Concen: 0.382 ng  
RT: 14.720 min Scan# 1495  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

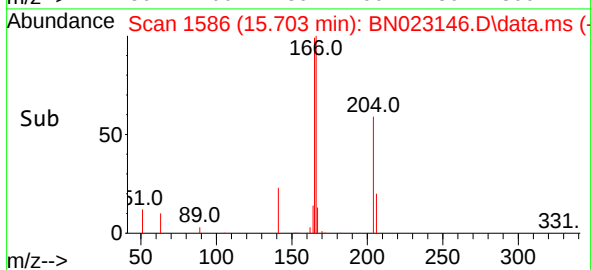
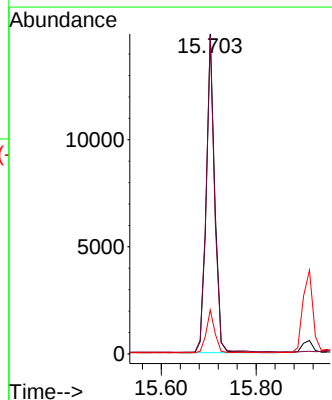
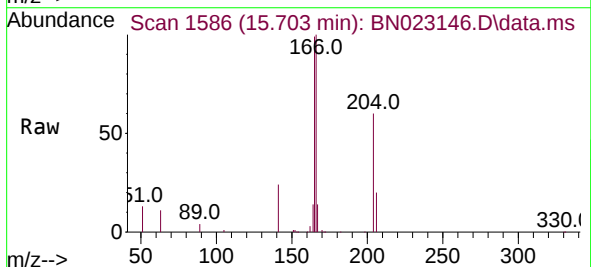
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

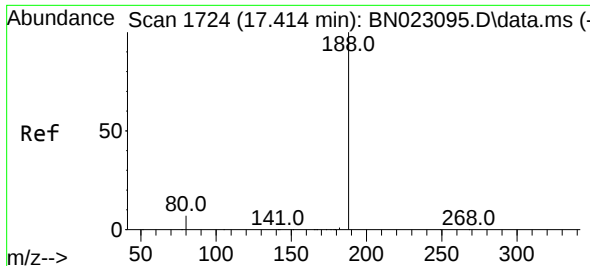
Tgt Ion:154 Resp: 16682  
Ion Ratio Lower Upper  
154 100  
153 112.0 88.6 132.8  
152 60.2 48.1 72.1



#18  
Fluorene  
Concen: 0.404 ng  
RT: 15.703 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

Tgt Ion:166 Resp: 19724  
Ion Ratio Lower Upper  
166 100  
165 97.7 79.8 119.6  
167 12.9 10.6 16.0

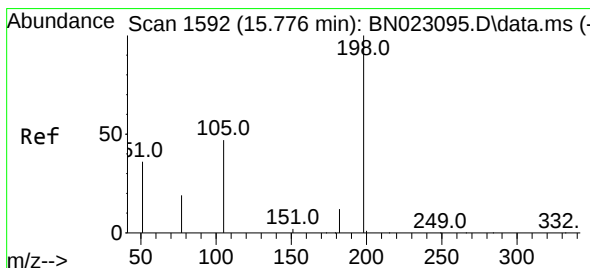
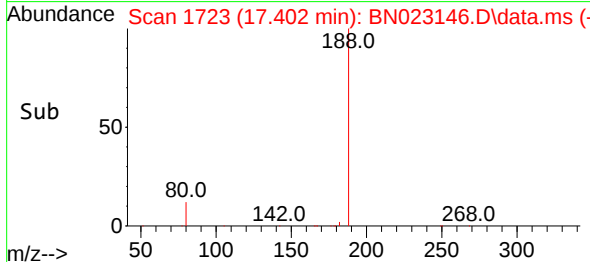
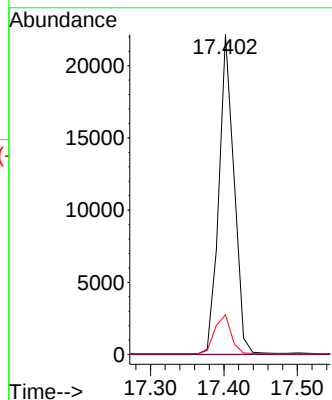
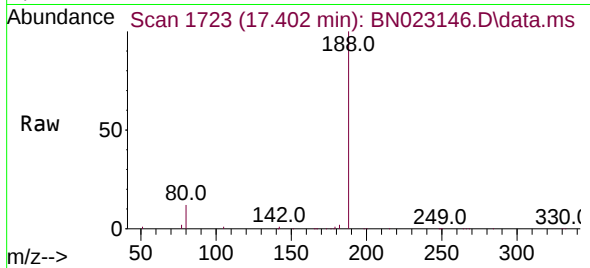




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.402 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

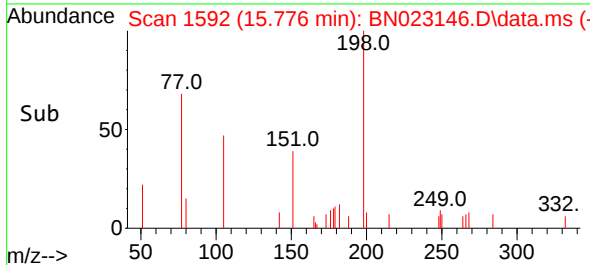
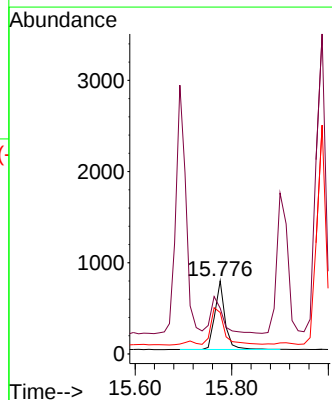
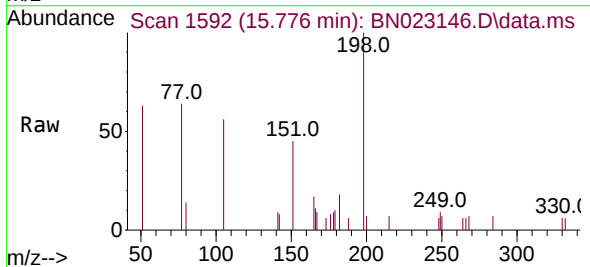
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

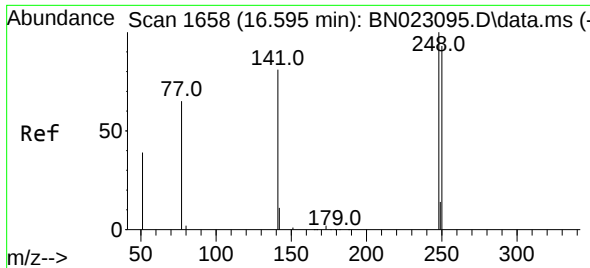
Tgt Ion:188 Resp: 31894  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.4 6.1 9.1#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.405 ng  
RT: 15.776 min Scan# 1592  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

Tgt Ion:198 Resp: 1090  
Ion Ratio Lower Upper  
198 100  
51 62.6 57.0 85.4  
105 56.5 47.2 70.8

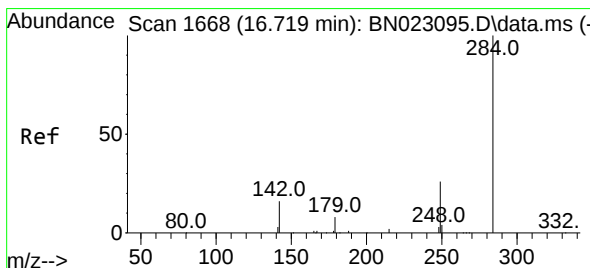
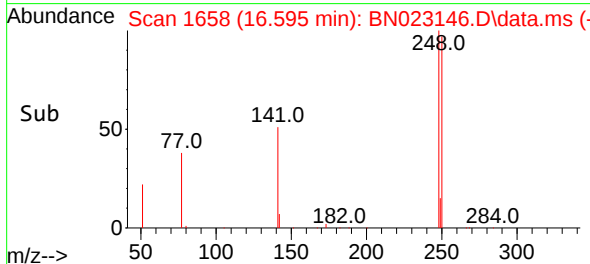
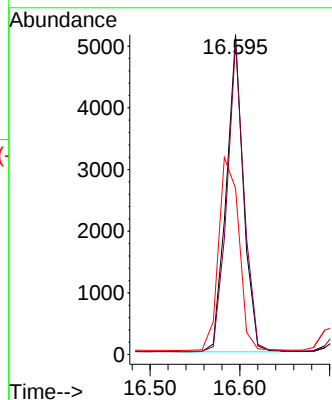
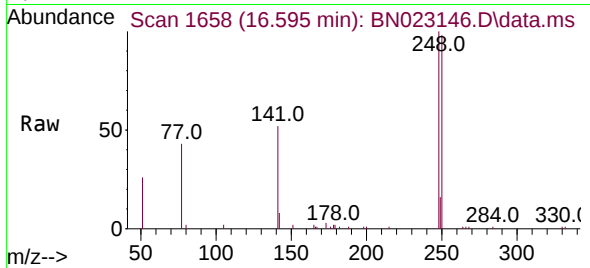




#21  
4-Bromophenyl-phenylether  
Concen: 0.400 ng  
RT: 16.595 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

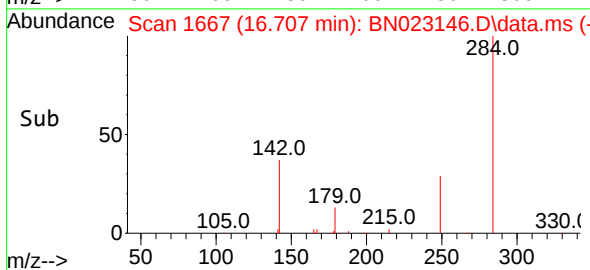
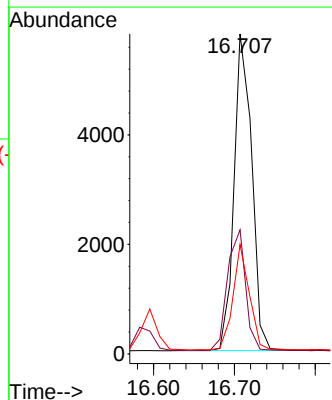
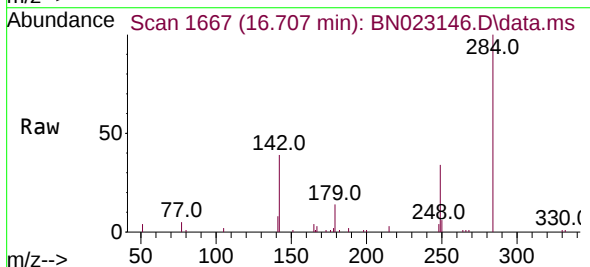
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

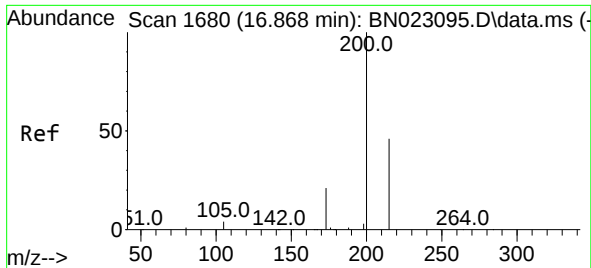
Tgt Ion:248 Resp: 6817  
Ion Ratio Lower Upper  
248 100  
250 97.7 74.3 111.5  
141 51.9 65.0 97.6#



#22  
Hexachlorobenzene  
Concen: 0.395 ng  
RT: 16.707 min Scan# 1667  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

Tgt Ion:284 Resp: 8810  
Ion Ratio Lower Upper  
284 100  
142 38.5 31.0 46.4  
249 30.9 24.4 36.6

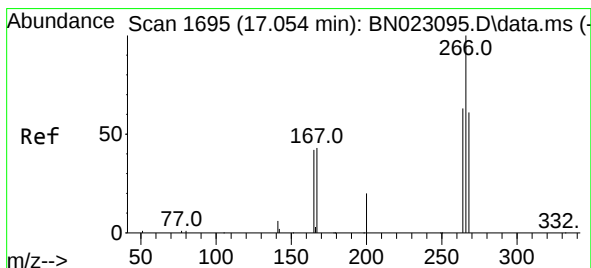
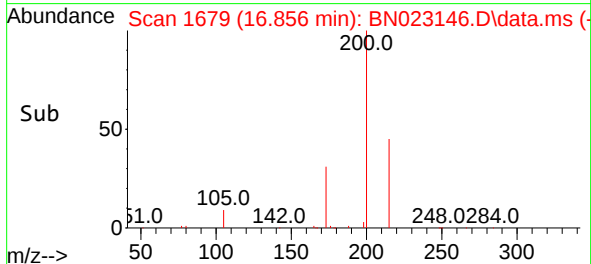
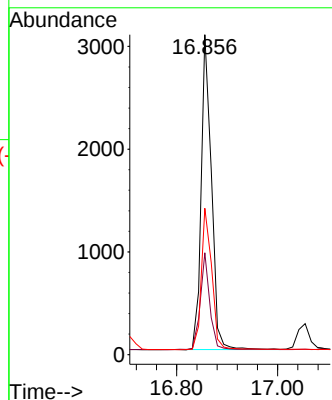
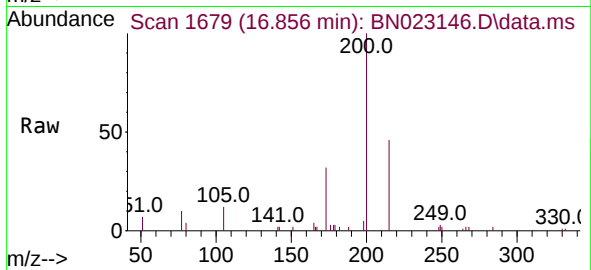




#23  
 Atrazine  
 Concen: 0.357 ng  
 RT: 16.856 min Scan# 1679  
 Delta R.T. -0.000 min  
 Lab File: BN023146.D  
 Acq: 12 Dec 2022 22:55

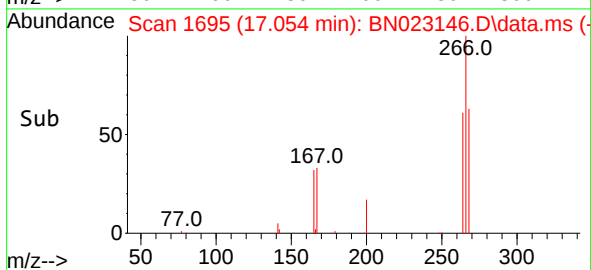
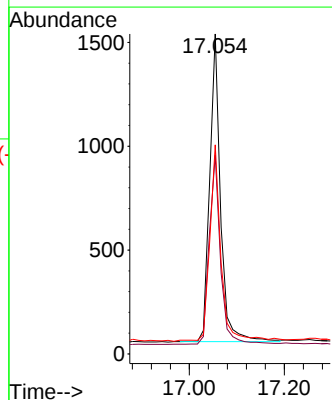
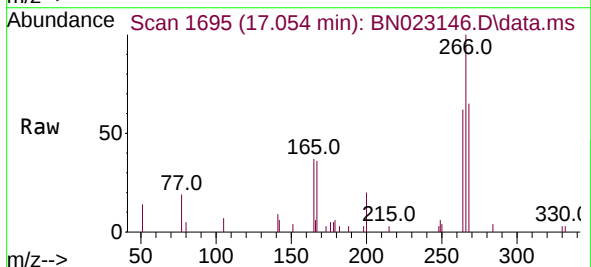
Instrument :  
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 ClientSampleId :  
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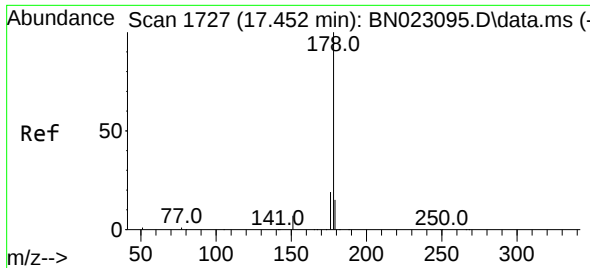
Tgt Ion:200 Resp: 4282  
 Ion Ratio Lower Upper  
 200 100  
 173 31.8 18.2 27.4#  
 215 45.7 38.0 57.0



#24  
 Pentachlorophenol  
 Concen: 0.301 ng  
 RT: 17.054 min Scan# 1695  
 Delta R.T. -0.000 min  
 Lab File: BN023146.D  
 Acq: 12 Dec 2022 22:55

Tgt Ion:266 Resp: 2333  
 Ion Ratio Lower Upper  
 266 100  
 264 63.5 50.1 75.1  
 268 63.7 49.7 74.5

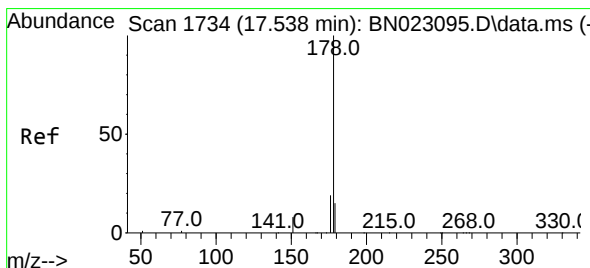
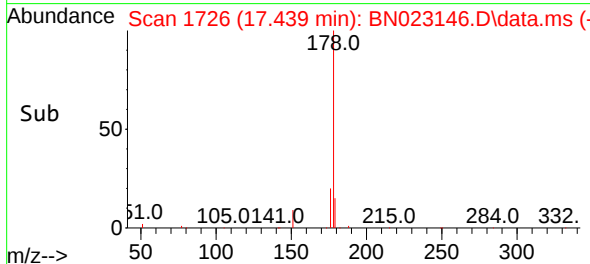
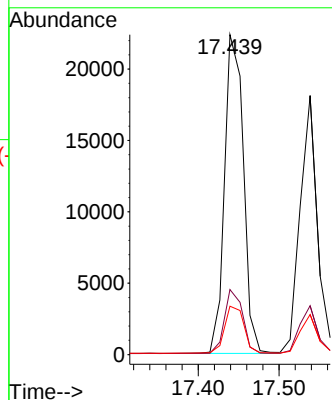
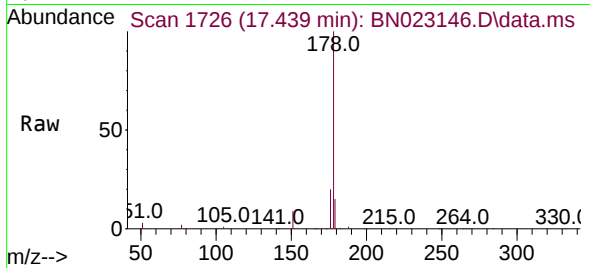




#25  
Phenanthrene  
Concen: 0.381 ng  
RT: 17.439 min Scan# 1726  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

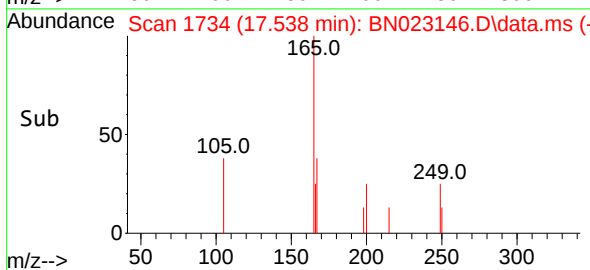
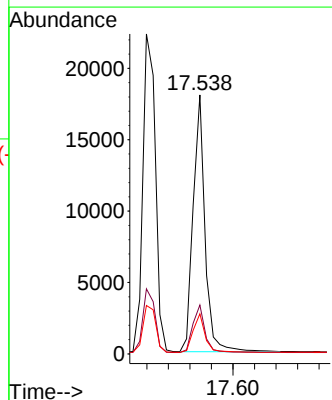
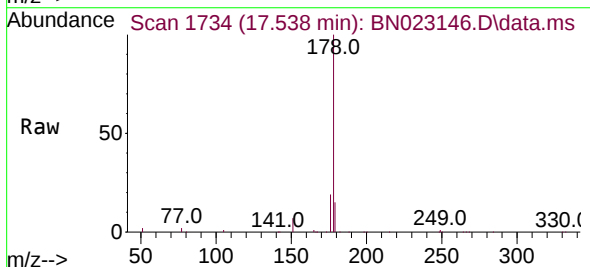
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

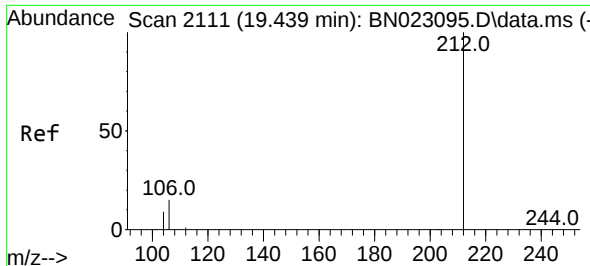
Tgt Ion:178 Resp: 36181  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.2  
179 15.3 12.2 18.2



#26  
Anthracene  
Concen: 0.365 ng  
RT: 17.538 min Scan# 1734  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

Tgt Ion:178 Resp: 27649  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.1 22.7  
179 15.2 12.2 18.4

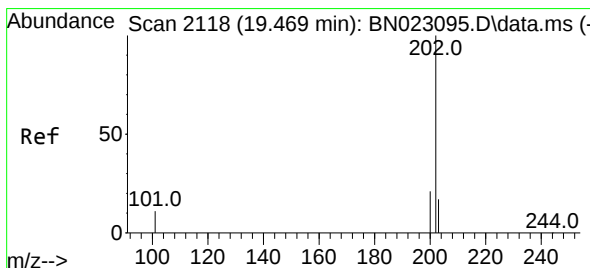
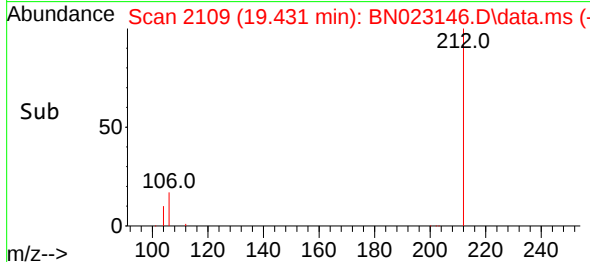
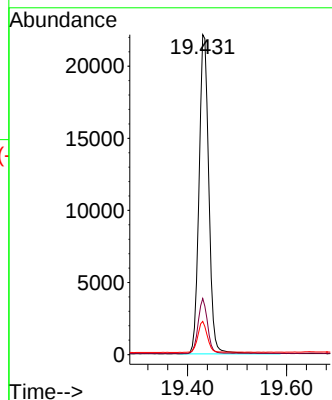
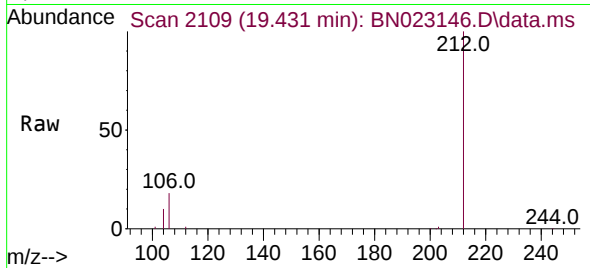




#27  
Fluoranthene-d10  
Concen: 0.403 ng  
RT: 19.431 min Scan# 2111  
Delta R.T. -0.004 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

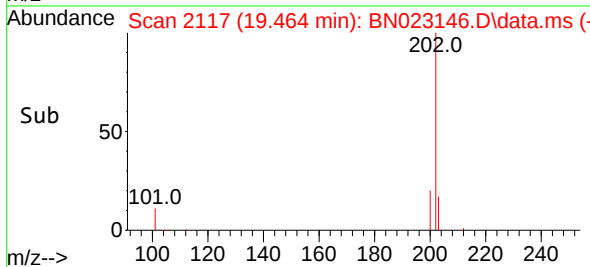
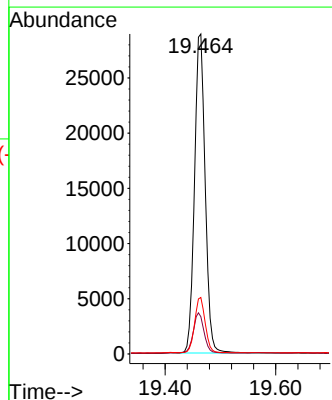
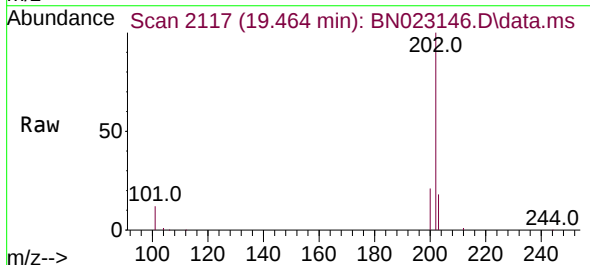
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

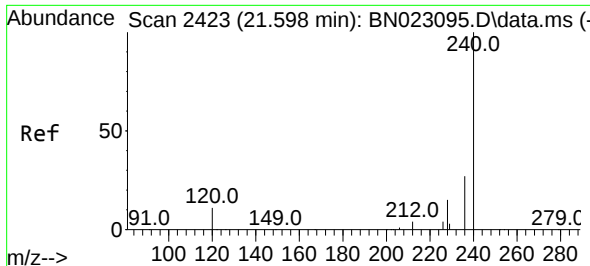
Tgt Ion:212 Resp: 30060  
Ion Ratio Lower Upper  
212 100  
106 16.6 13.0 19.4  
104 9.5 7.5 11.3



#28  
Fluoranthene  
Concen: 0.381 ng  
RT: 19.464 min Scan# 2117  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

Tgt Ion:202 Resp: 38766  
Ion Ratio Lower Upper  
202 100  
101 12.9 9.7 14.5  
203 17.1 13.8 20.6

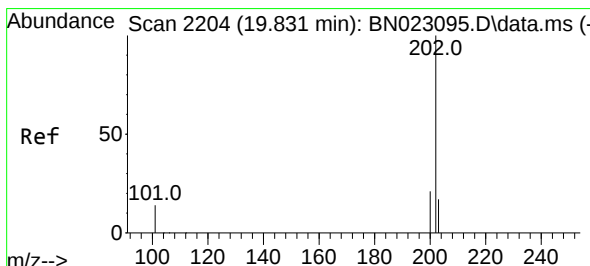
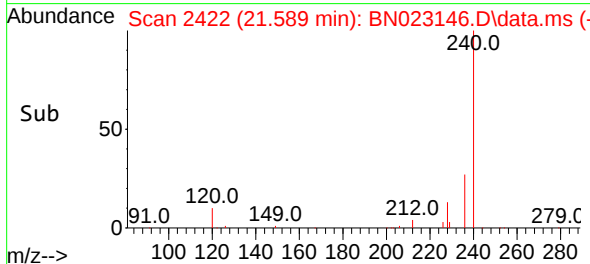
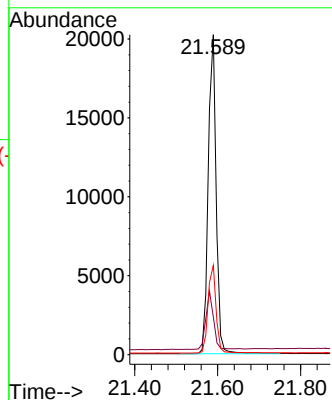
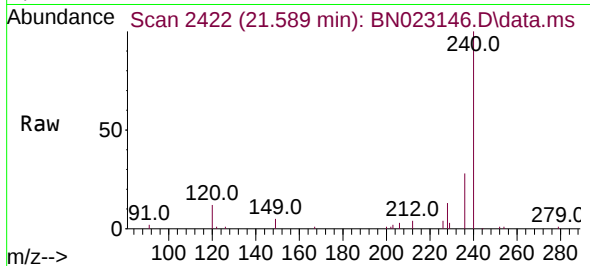




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.589 min Scan# 2423  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

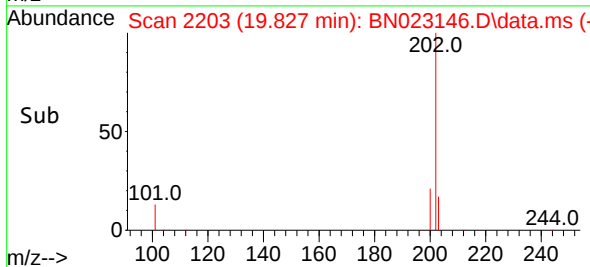
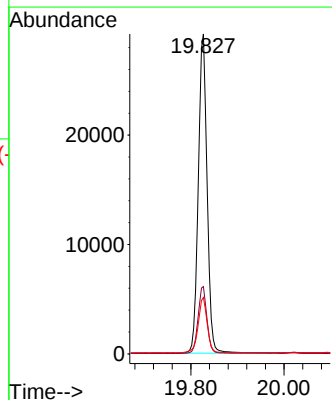
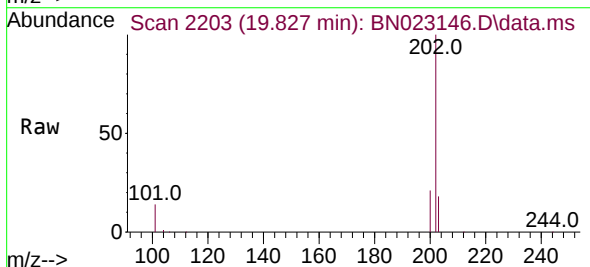
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

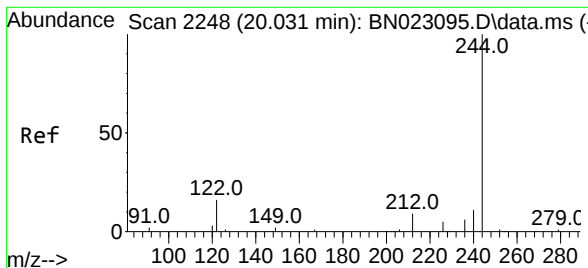
Tgt Ion:240 Resp: 26601  
Ion Ratio Lower Upper  
240 100  
120 11.8 10.1 15.1  
236 27.9 22.2 33.4



#30  
Pyrene  
Concen: 0.394 ng  
RT: 19.827 min Scan# 2203  
Delta R.T. -0.000 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

Tgt Ion:202 Resp: 38350  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.9 25.3  
203 17.7 14.2 21.4





#31

Terphenyl-d14

Concen: 0.372 ng

RT: 20.022 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN023146.D

Acq: 12 Dec 2022 22:55

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

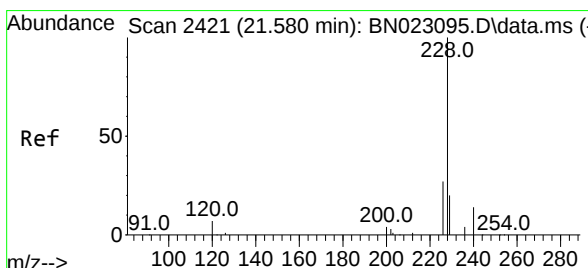
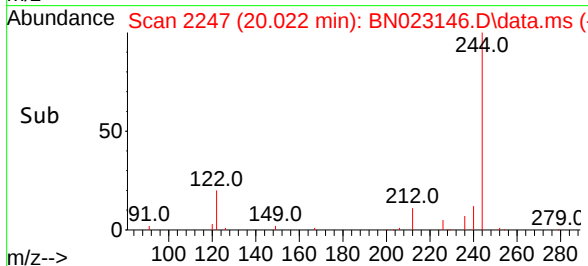
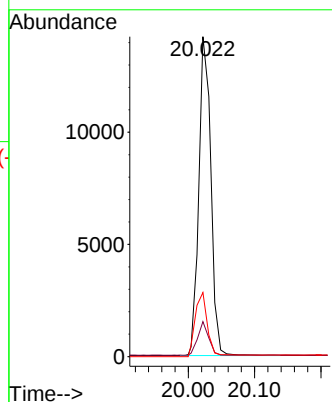
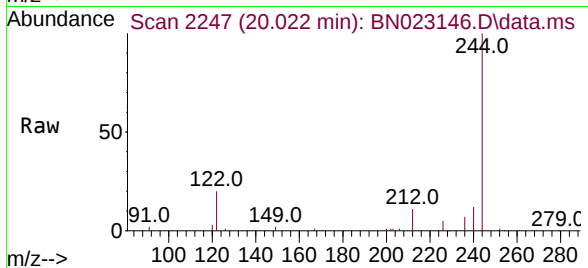
Tgt Ion:244 Resp: 16045

Ion Ratio Lower Upper

244 100

212 10.9 7.6 11.4

122 20.0 12.6 18.8#



#32

Benzo(a)anthracene

Concen: 0.381 ng

RT: 21.571 min Scan# 2420

Delta R.T. -0.000 min

Lab File: BN023146.D

Acq: 12 Dec 2022 22:55

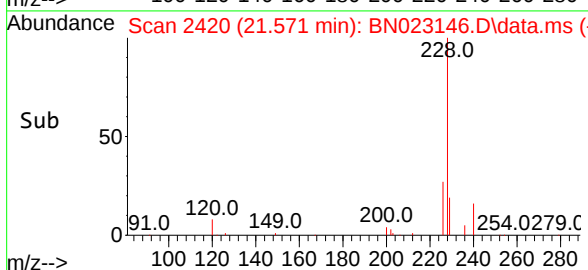
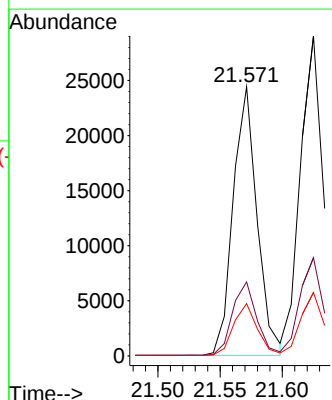
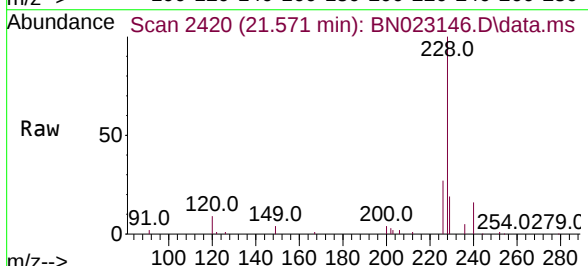
Tgt Ion:228 Resp: 32649

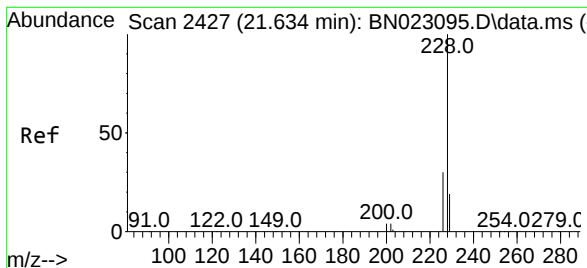
Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

229 19.4 15.8 23.8





#33

Chrysene

Concen: 0.392 ng

RT: 21.625 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BN023146.D

Acq: 12 Dec 2022 22:55

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

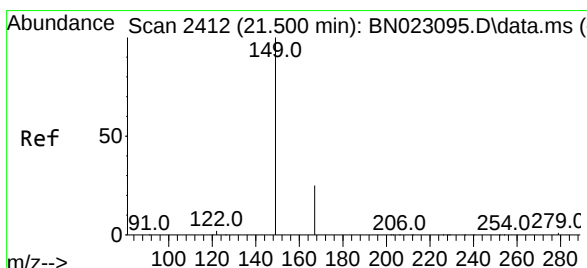
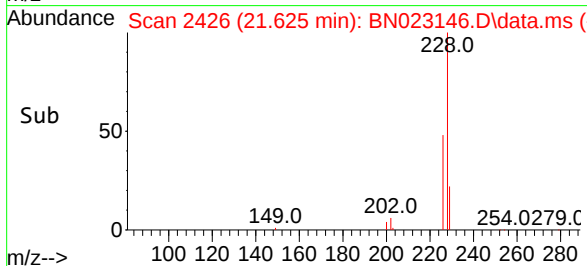
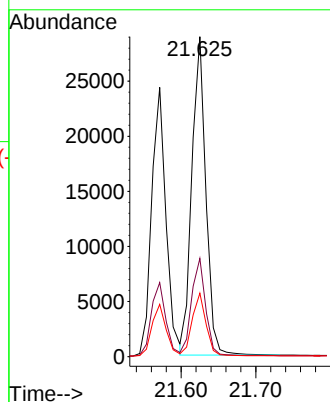
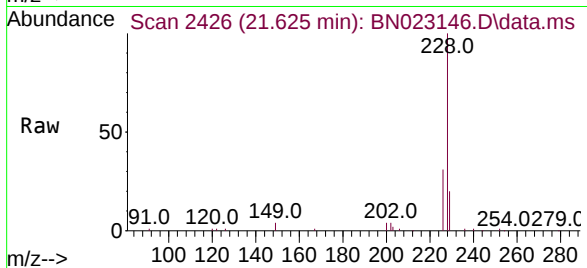
Tgt Ion:228 Resp: 37728

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.8 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.370 ng

RT: 21.491 min Scan# 2411

Delta R.T. -0.000 min

Lab File: BN023146.D

Acq: 12 Dec 2022 22:55

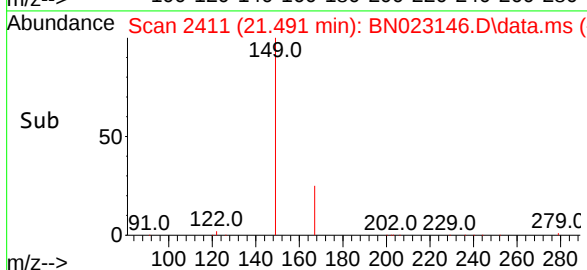
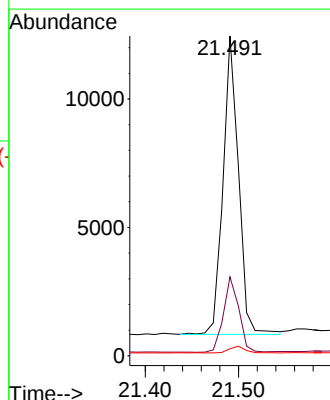
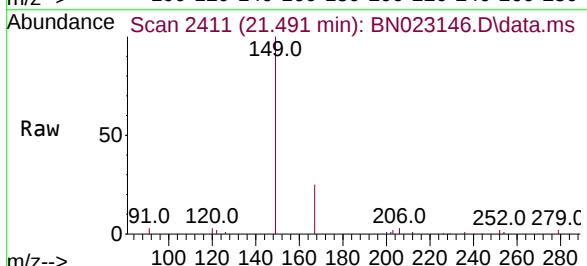
Tgt Ion:149 Resp: 13398

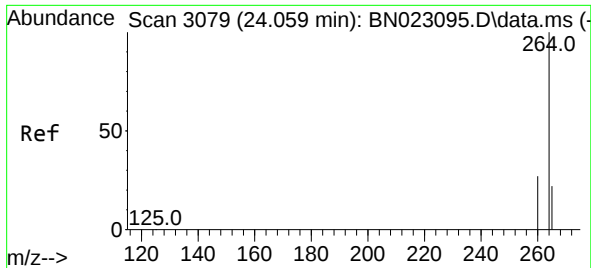
Ion Ratio Lower Upper

149 100

167 25.1 20.2 30.2

279 2.4 2.3 3.5

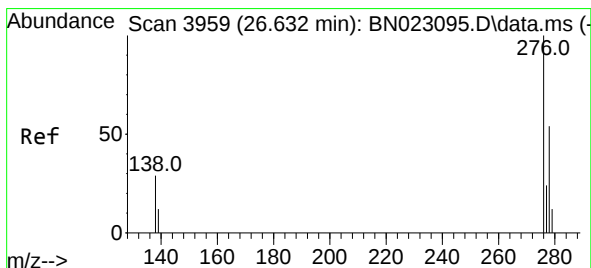
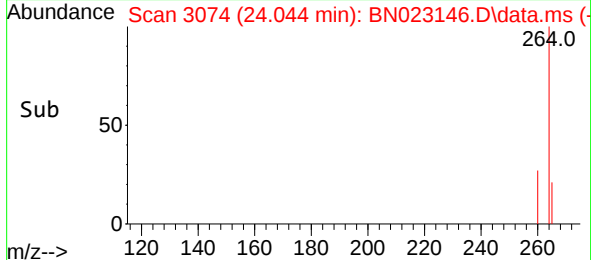
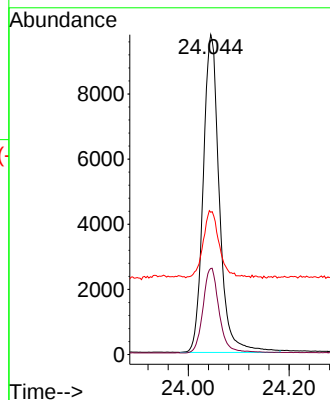
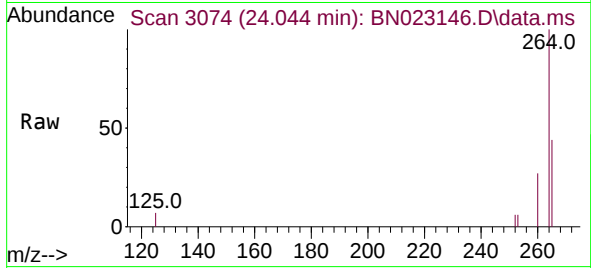




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.044 min Scan# 3074  
Delta R.T. -0.006 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

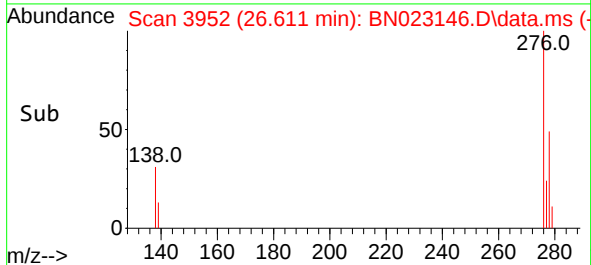
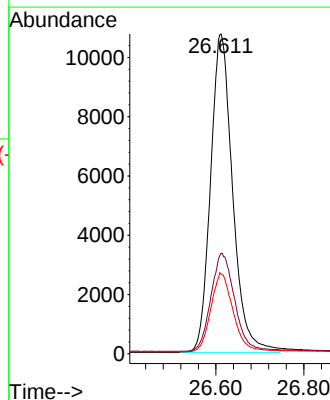
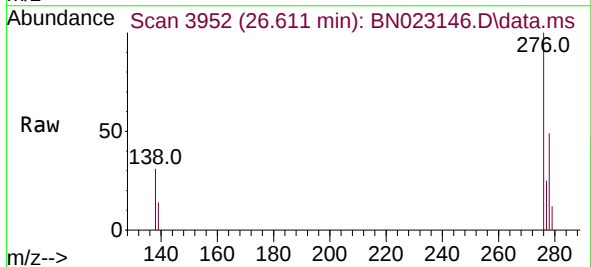
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

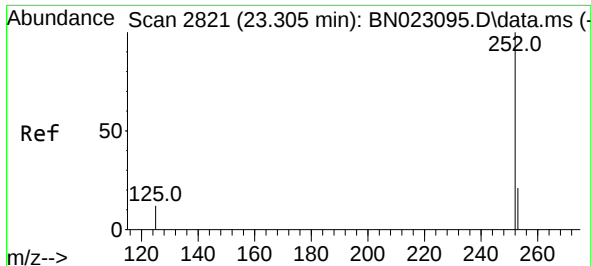
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 21749 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 26.9  | 21.7  | 32.5  |
| 265       | 44.5  | 43.2  | 64.8  |



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.385 ng  
RT: 26.611 min Scan# 3952  
Delta R.T. -0.006 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 37498 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 33.0  | 25.0  | 37.6  |
| 277       | 24.8  | 19.8  | 29.8  |





#37

Benzo(b)fluoranthene

Concen: 0.395 ng

RT: 23.290 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BN023146.D

Acq: 12 Dec 2022 22:55

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

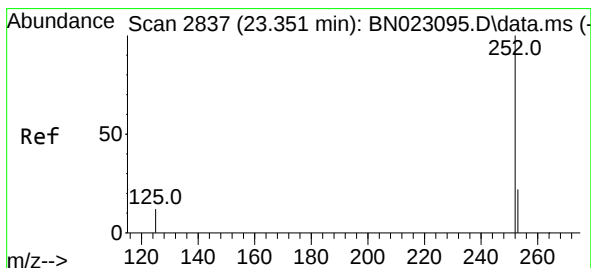
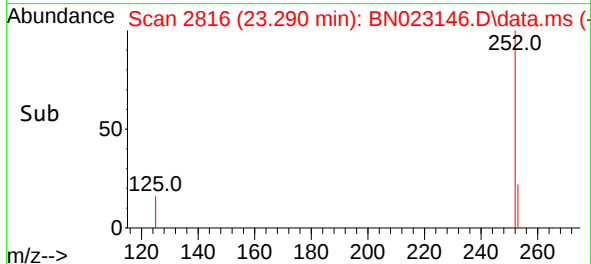
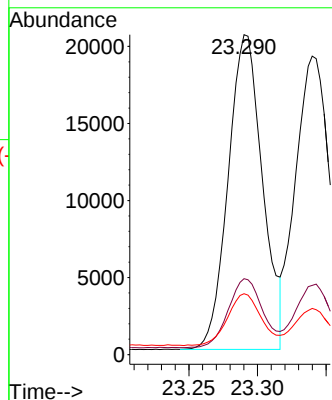
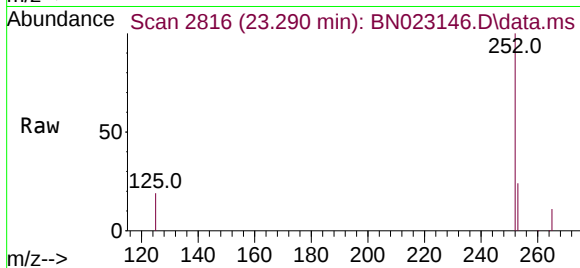
Tgt Ion:252 Resp: 35594

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.4

125 19.0 12.8 19.2



#38

Benzo(k)fluoranthene

Concen: 0.372 ng

RT: 23.340 min Scan# 2833

Delta R.T. -0.006 min

Lab File: BN023146.D

Acq: 12 Dec 2022 22:55

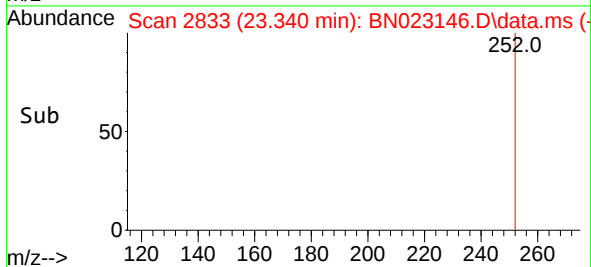
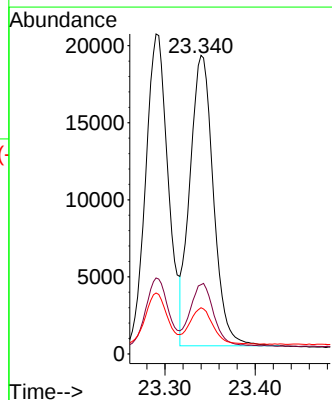
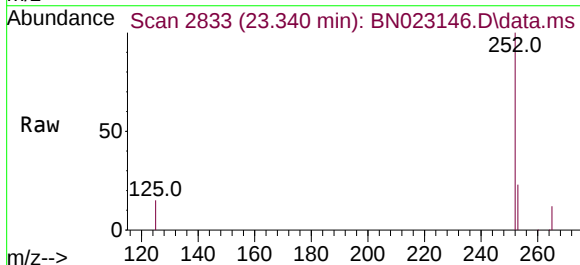
Tgt Ion:252 Resp: 34090

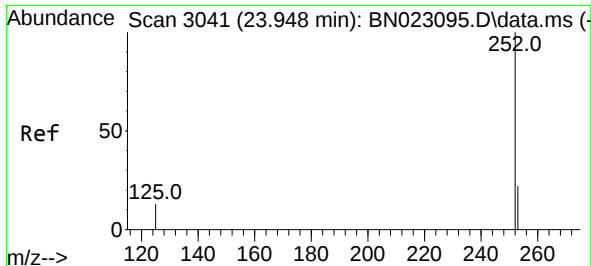
Ion Ratio Lower Upper

252 100

253 23.2 19.1 28.7

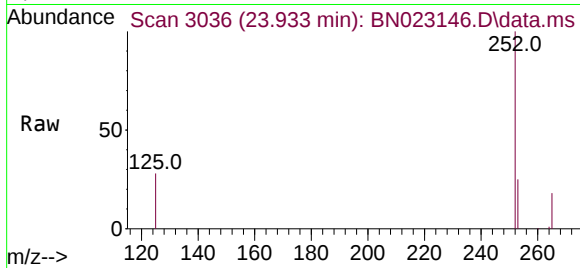
125 15.4 12.5 18.7



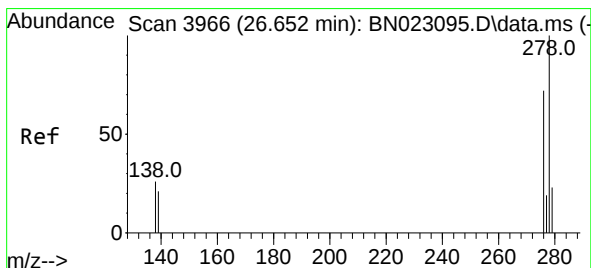
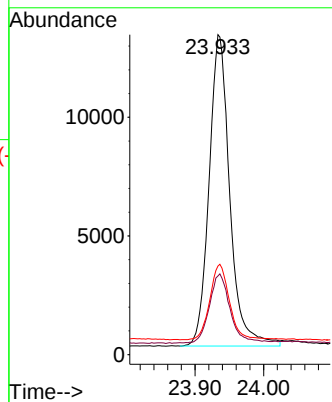
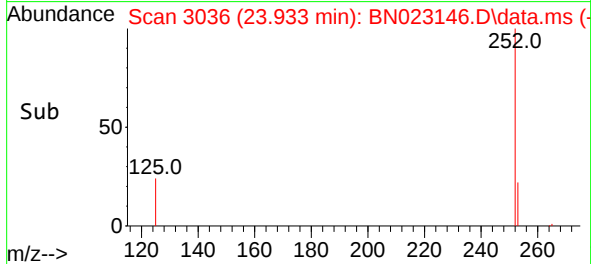


#39  
Benzo(a)pyrene  
Concen: 0.407 ng  
RT: 23.933 min Scan# 3041  
Delta R.T. -0.009 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55

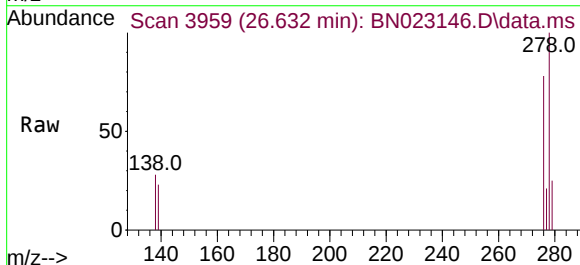
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



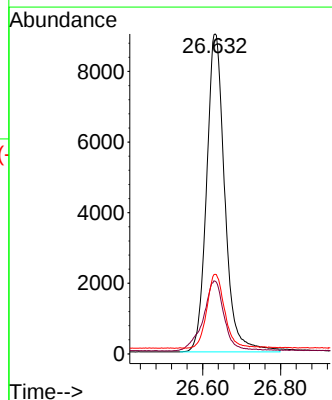
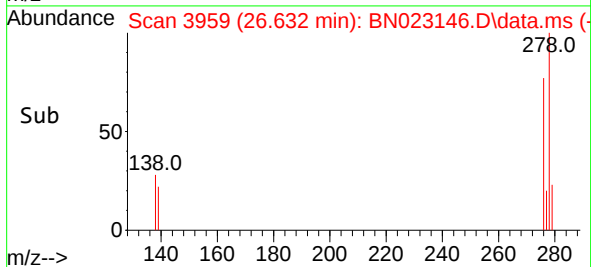
Tgt Ion:252 Resp: 27540  
Ion Ratio Lower Upper  
252 100  
253 24.6 20.6 30.8  
125 27.7 15.8 23.8#

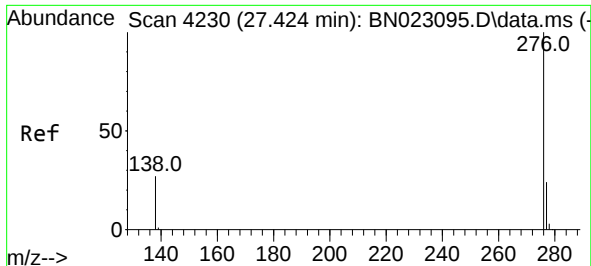


#40  
Dibenzo(a,h)anthracene  
Concen: 0.373 ng  
RT: 26.632 min Scan# 3959  
Delta R.T. -0.006 min  
Lab File: BN023146.D  
Acq: 12 Dec 2022 22:55



Tgt Ion:278 Resp: 29194  
Ion Ratio Lower Upper  
278 100  
139 22.7 17.5 26.3  
279 24.9 20.5 30.7





#41

Benzo(g,h,i)perylene

Concen: 0.341 ng

RT: 27.404 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN023146.D

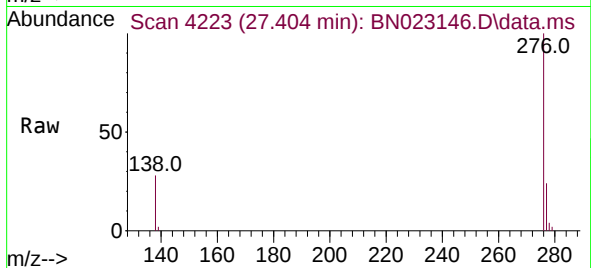
Acq: 12 Dec 2022 22:55

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



Tgt Ion:276 Resp: 28522

Ion Ratio Lower Upper

276 100

277 23.6 19.9 29.9

138 28.1 22.2 33.2

