

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020723\  
 Data File : BN023979.D  
 Acq On : 07 Feb 2023 20:15  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Feb 08 02:13:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN020723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 08 01:53:47 2023  
 Response via : Initial Calibration

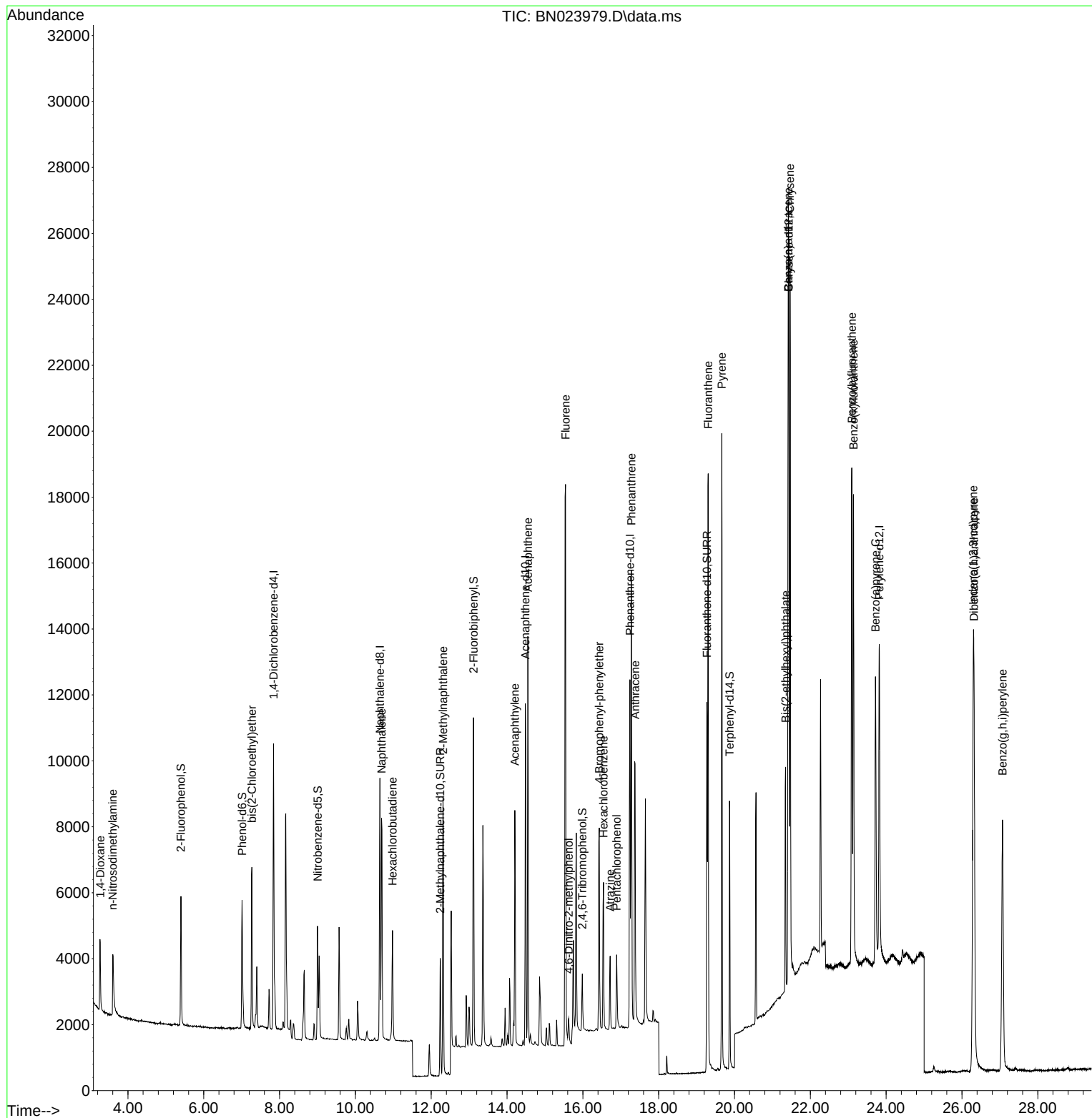
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 4087     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.648 | 136  | 10156    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.484 | 164  | 6047     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.241 | 188  | 14415    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.428 | 240  | 14939    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.819 | 264  | 12736    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 3163     | 0.372 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.009  | 99   | 3634     | 0.363 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 2824     | 0.346 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.238 | 152  | 4840     | 0.343 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.987 | 330  | 1056     | 0.339 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.116 | 172  | 8631     | 0.361 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.271 | 212  | 12954    | 0.370 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.869 | 244  | 9144     | 0.328 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.268  | 88   | 1543     | 0.398 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.600  | 42   | 1527     | 0.352 | ng    | # 100    |
| 6) bis(2-Chloroethyl)ether    | 7.269  | 93   | 3750     | 0.375 | ng    | 99       |
| 9) Naphthalene                | 10.690 | 128  | 9269     | 0.366 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.979 | 225  | 2405     | 0.362 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.310 | 142  | 5961     | 0.354 | ng    | 98       |
| 16) Acenaphthylene            | 14.206 | 152  | 7817     | 0.332 | ng    | 99       |
| 17) Acenaphthene              | 14.549 | 154  | 5708     | 0.356 | ng    | 99       |
| 18) Fluorene                  | 15.543 | 166  | 7818     | 0.360 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.628 | 198  | 701      | 0.401 | ng    | # 79     |
| 21) 4-Bromophenyl-phenylether | 16.434 | 248  | 3017     | 0.322 | ng    | 99       |
| 22) Hexachlorobenzene         | 16.545 | 284  | 3726     | 0.331 | ng    | 100      |
| 23) Atrazine                  | 16.719 | 200  | 1912     | 0.312 | ng    | 98       |
| 24) Pentachlorophenol         | 16.893 | 266  | 1196     | 0.387 | ng    | 95       |
| 25) Phenanthrene              | 17.278 | 178  | 13815    | 0.347 | ng    | 99       |
| 26) Anthracene                | 17.377 | 178  | 10798    | 0.330 | ng    | 99       |
| 28) Fluoranthene              | 19.304 | 202  | 16836    | 0.369 | ng    | 99       |
| 30) Pyrene                    | 19.667 | 202  | 17001    | 0.328 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.419 | 228  | 16415    | 0.343 | ng    | 99       |
| 33) Chrysene                  | 21.464 | 228  | 18448    | 0.358 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.347 | 149  | 6770     | 0.310 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.299 | 276  | 19245    | 0.333 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.094 | 252  | 17940    | 0.348 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 23.138 | 252  | 17547    | 0.344 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.720 | 252  | 13317    | 0.341 | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 26.316 | 278  | 15130    | 0.327 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 27.070 | 276  | 16052    | 0.327 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

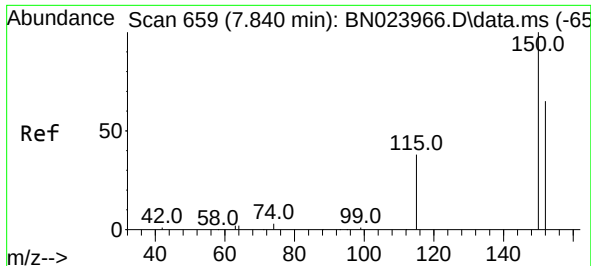
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

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SSTDCCC0.4EC

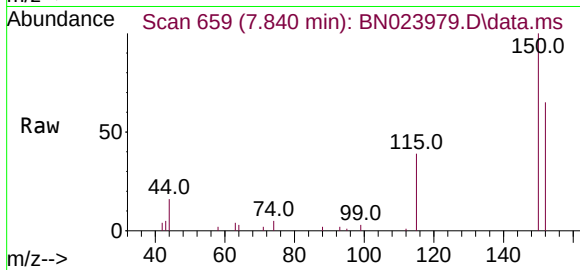
Quant Time: Feb 08 02:13:08 2023  
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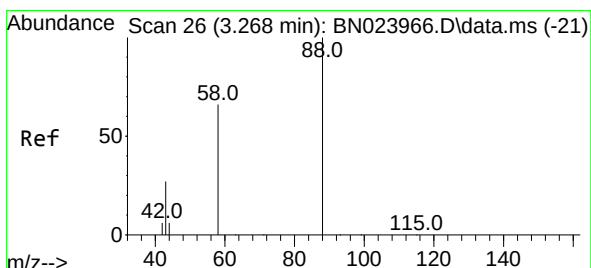
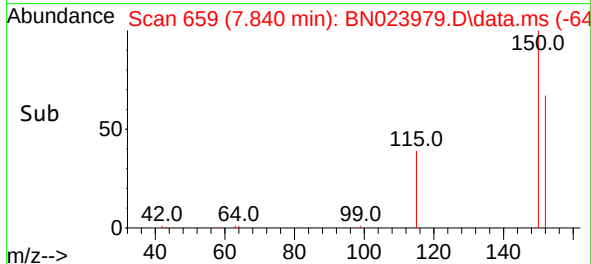
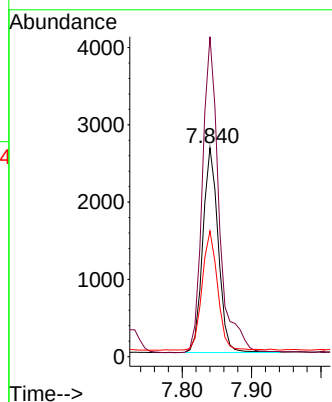
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.840 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN023979.D  
 Acq: 07 Feb 2023 20:15

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion:152 Resp: 4087

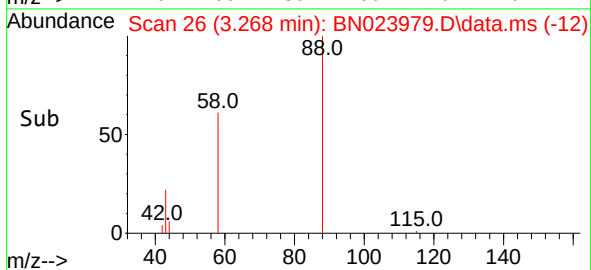
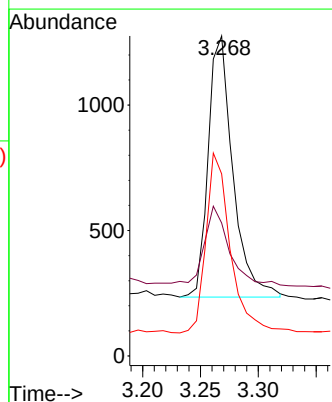
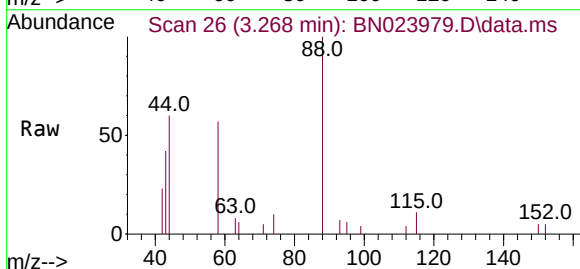
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 153.2 | 121.8 | 182.6 |
| 115 | 60.1  | 47.7  | 71.5  |

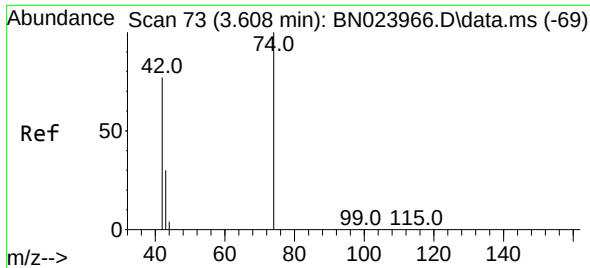


#2  
 1,4-Dioxane  
 Concen: 0.398 ng  
 RT: 3.268 min Scan# 26  
 Delta R.T. 0.000 min  
 Lab File: BN023979.D  
 Acq: 07 Feb 2023 20:15

Tgt Ion: 88 Resp: 1543

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 30.1  | 23.7  | 35.5  |
| 58  | 67.9  | 53.4  | 80.2  |

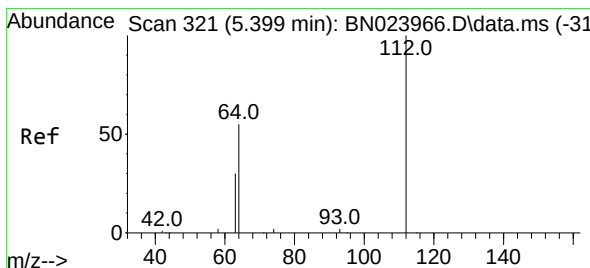
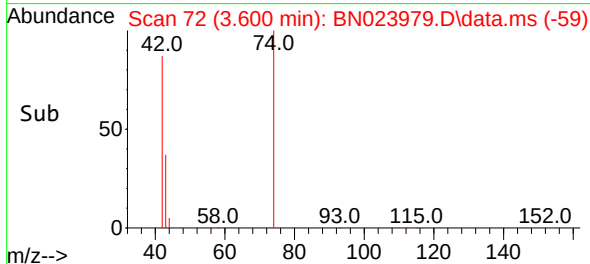
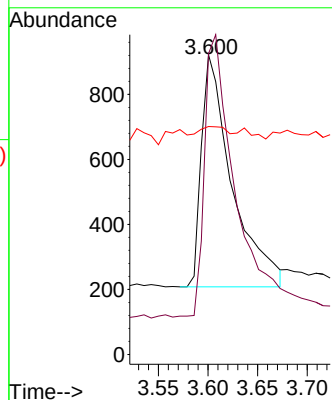
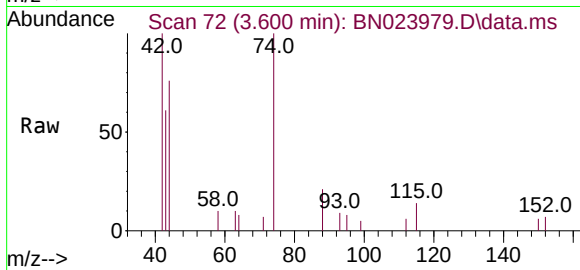




#3  
 n-Nitrosodimethylamine  
 Concen: 0.352 ng  
 RT: 3.600 min Scan# 71  
 Delta R.T. -0.007 min  
 Lab File: BN023979.D  
 Acq: 07 Feb 2023 20:15

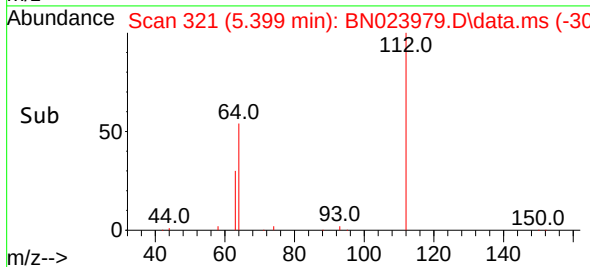
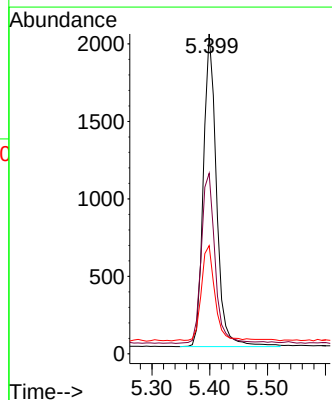
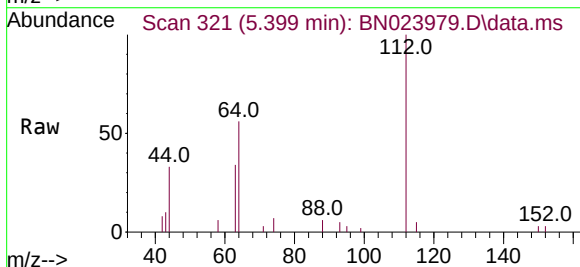
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

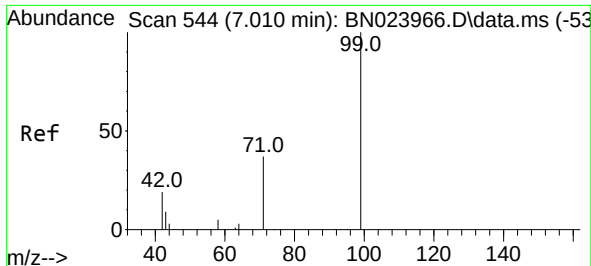
Tgt Ion: 42 Resp: 1527  
 Ion Ratio Lower Upper  
 42 100  
 74 124.0 99.3 148.9  
 44 4.1 4.2 6.4#



#4  
 2-Fluorophenol  
 Concen: 0.372 ng  
 RT: 5.399 min Scan# 321  
 Delta R.T. -0.000 min  
 Lab File: BN023979.D  
 Acq: 07 Feb 2023 20:15

Tgt Ion: 112 Resp: 3163  
 Ion Ratio Lower Upper  
 112 100  
 64 56.8 44.8 67.2  
 63 32.0 25.1 37.7

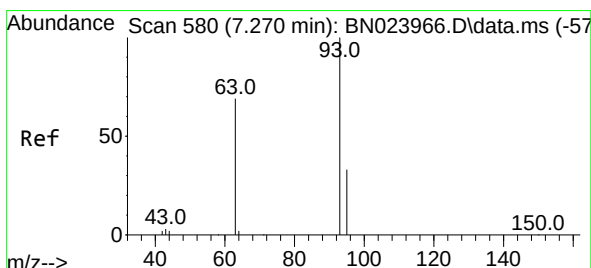
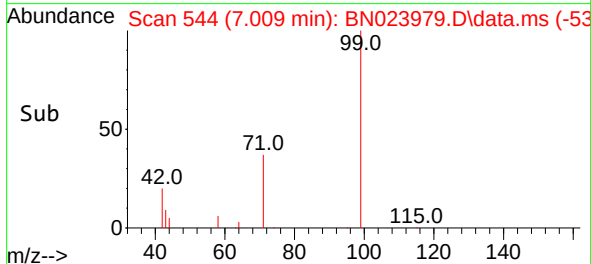
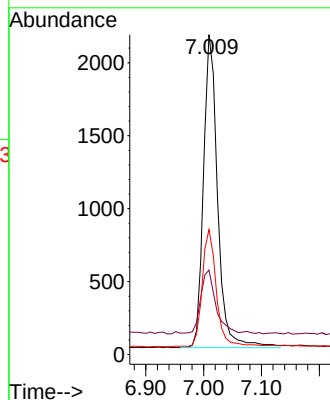
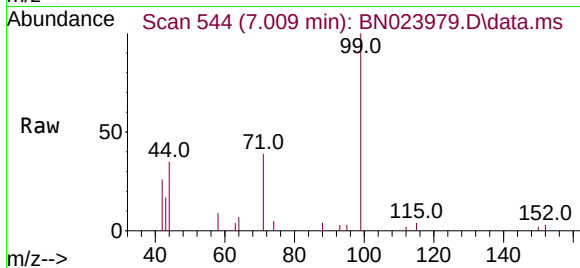




#5  
Phenol-d6  
Concen: 0.363 ng  
RT: 7.009 min Scan# 544  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

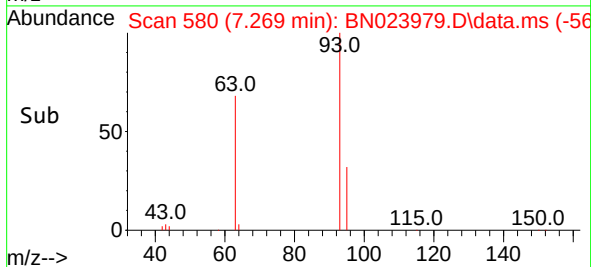
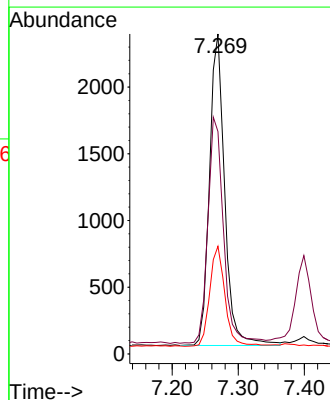
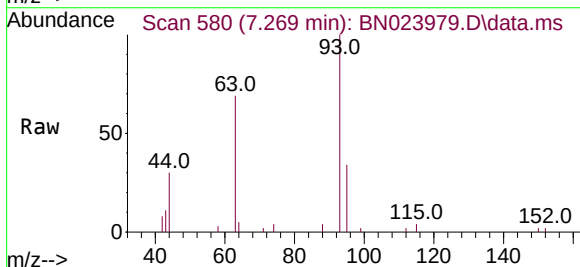
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

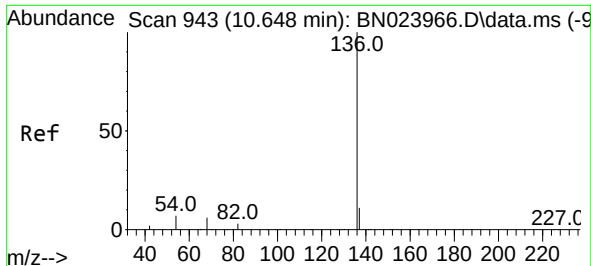
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 3634  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.3  | 17.0  | 25.6  |
| 71       | 37.4  | 29.0  | 43.4  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.375 ng  
RT: 7.269 min Scan# 580  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 3750  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 74.0  | 58.4  | 87.6  |
| 95       | 32.2  | 25.8  | 38.6  |

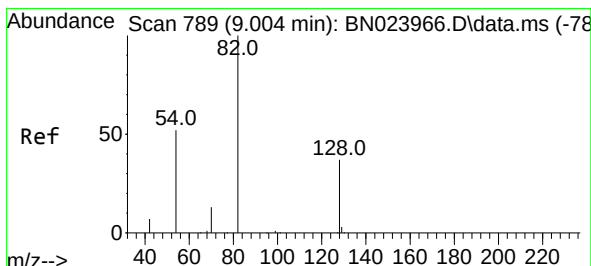
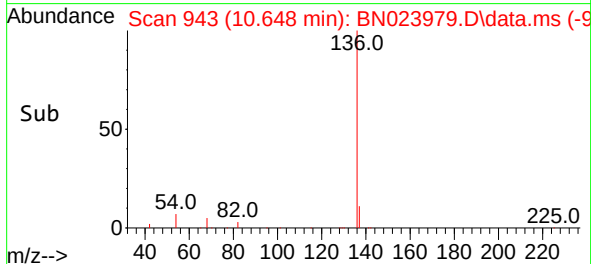
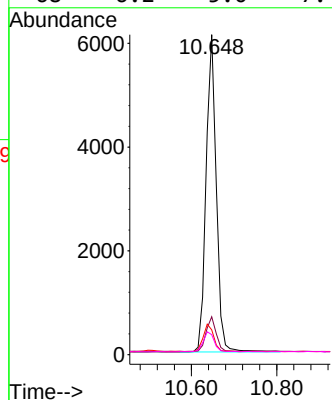
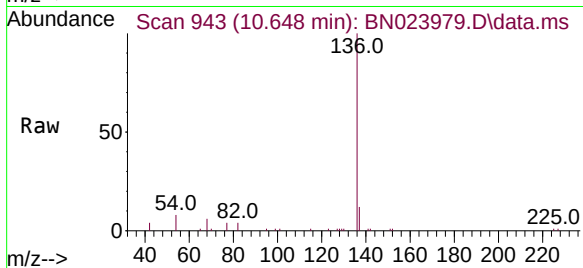




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

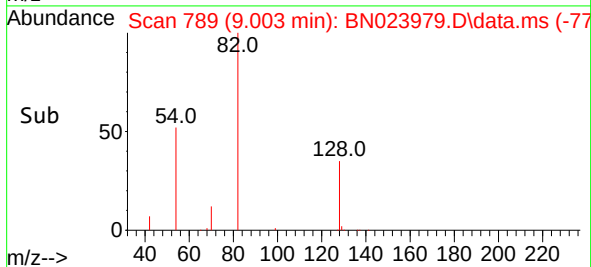
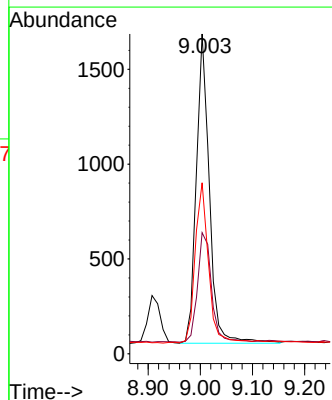
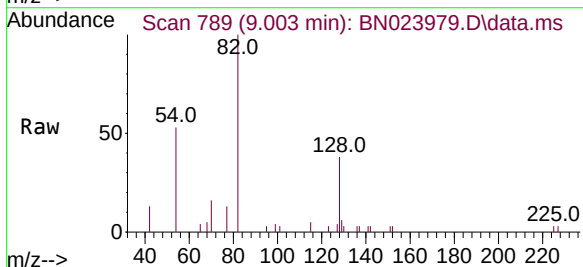
Instrument :  
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SSTDCCC0.4EC

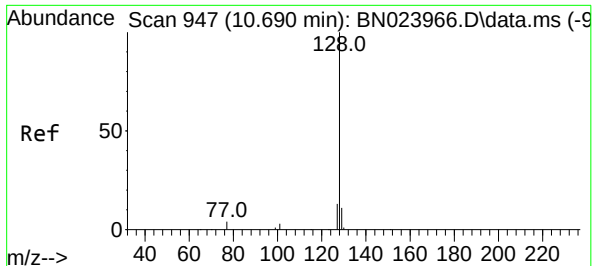
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 10156 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.8  | 9.1   | 13.7  |
| 54       | 7.7   | 5.8   | 8.8   |
| 68       | 6.2   | 5.0   | 7.4   |



#8  
Nitrobenzene-d5  
Concen: 0.346 ng  
RT: 9.003 min Scan# 789  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2824  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 37.9  | 31.5  | 47.3  |
| 54       | 53.5  | 42.8  | 64.2  |

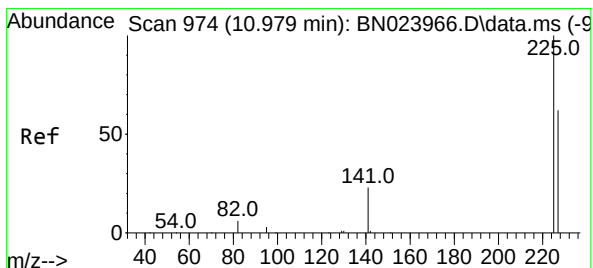
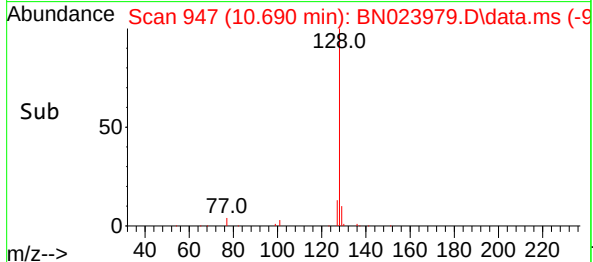
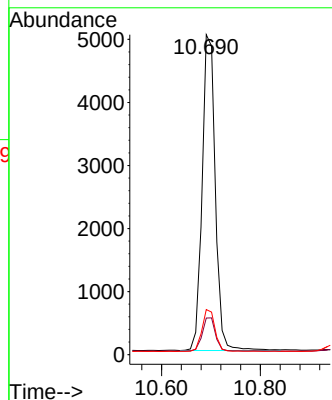
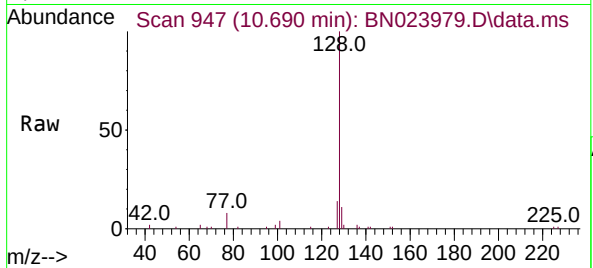




#9  
Naphthalene  
Concen: 0.366 ng  
RT: 10.690 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
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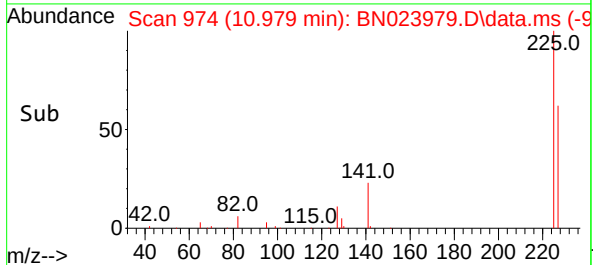
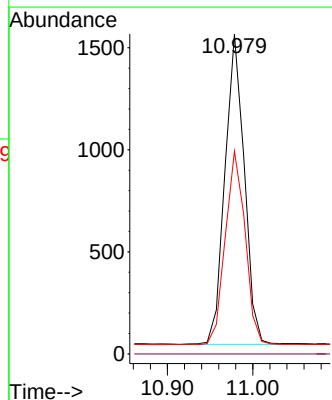
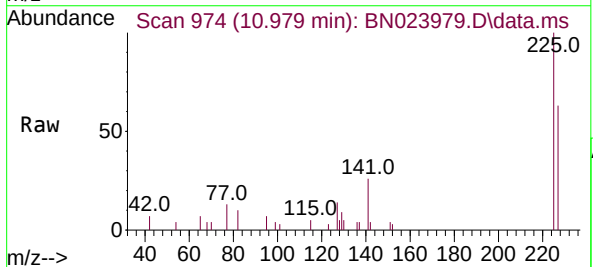
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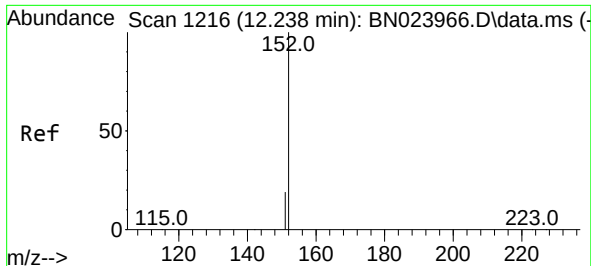
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| Tgt Ion:128 | Resp: | 9269        |
| Ion         | Ratio | Lower Upper |
| 128         | 100   |             |
| 129         | 11.4  | 9.3 13.9    |
| 127         | 14.1  | 11.0 16.4   |



#10  
Hexachlorobutadiene  
Concen: 0.362 ng  
RT: 10.979 min Scan# 974  
Delta R.T. -0.000 min  
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|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:225 | Resp: | 2405        |
| Ion         | Ratio | Lower Upper |
| 225         | 100   |             |
| 223         | 0.0   | 0.0 0.0     |
| 227         | 63.8  | 51.1 76.7   |

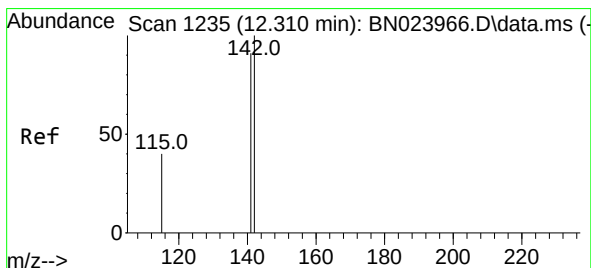
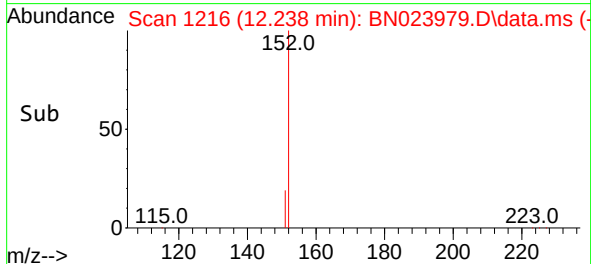
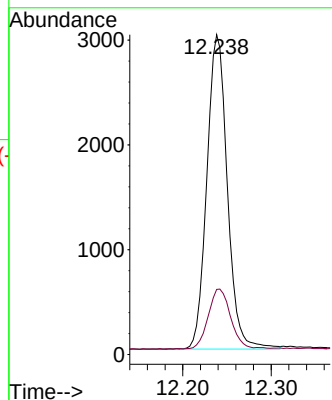
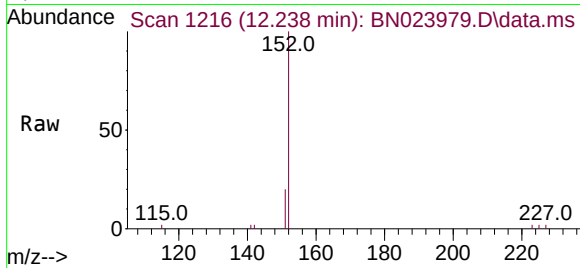




#11  
2-Methylnaphthalene-d10  
Concen: 0.343 ng  
RT: 12.238 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
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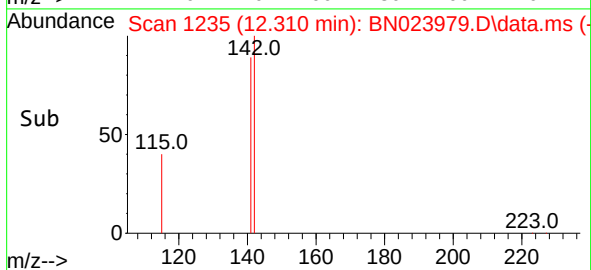
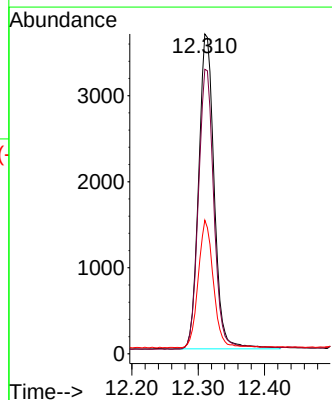
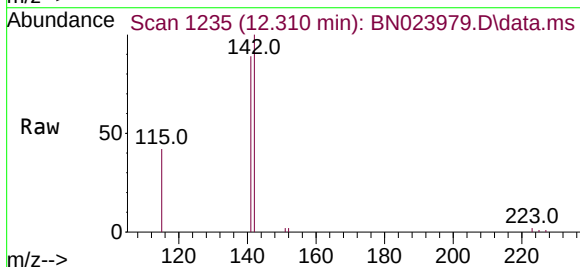
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4840  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.6 24.8

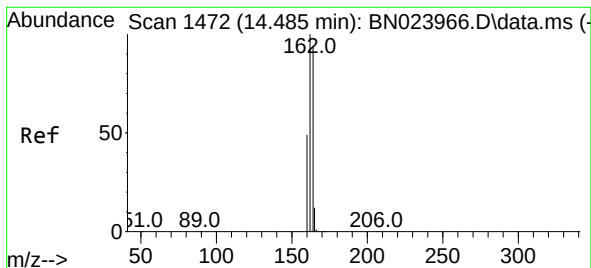


#12  
2-Methylnaphthalene  
Concen: 0.354 ng  
RT: 12.310 min Scan# 1235  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

Tgt Ion:142 Resp: 5961  
Ion Ratio Lower Upper  
142 100  
141 88.9 72.9 109.3  
115 41.8 33.1 49.7







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.484 min Scan# 1472

Delta R.T. -0.000 min

Lab File: BN023979.D

Acq: 07 Feb 2023 20:15

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

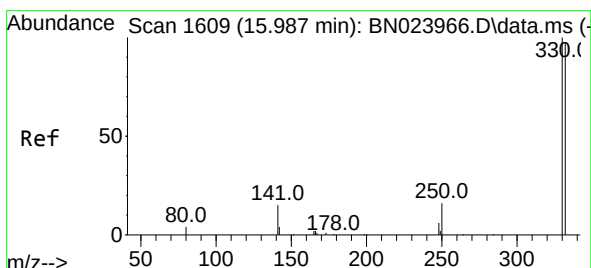
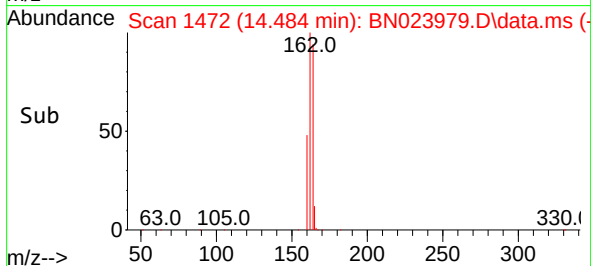
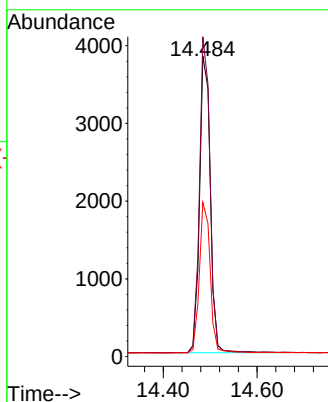
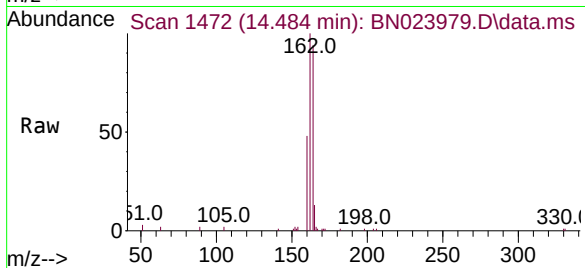
Tgt Ion:164 Resp: 6047

Ion Ratio Lower Upper

164 100

162 106.4 84.8 127.2

160 51.3 42.0 63.0



#14

2,4,6-Tribromophenol

Concen: 0.339 ng

RT: 15.987 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BN023979.D

Acq: 07 Feb 2023 20:15

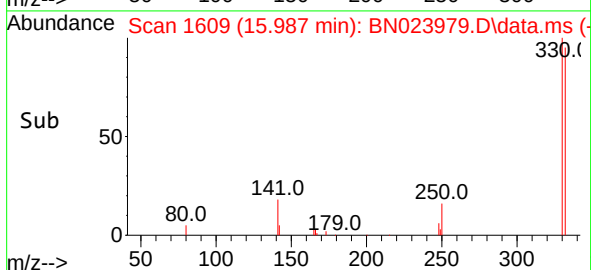
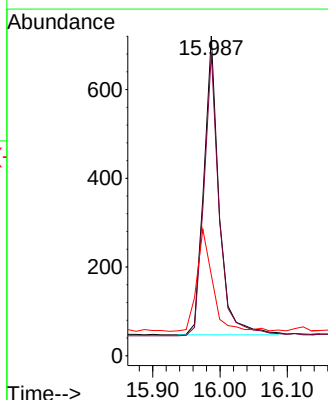
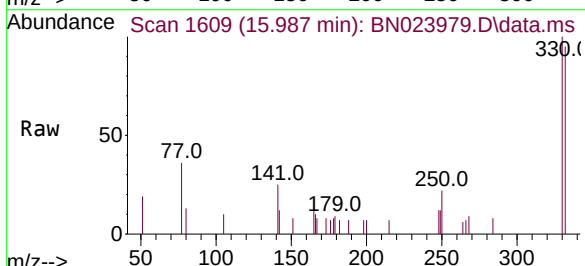
Tgt Ion:330 Resp: 1056

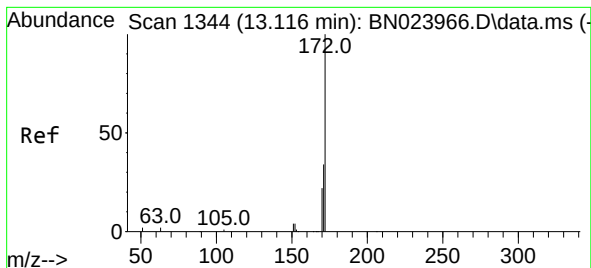
Ion Ratio Lower Upper

330 100

332 95.3 77.7 116.5

141 35.5 26.6 39.8





#15

2-Fluorobiphenyl

Concen: 0.361 ng

RT: 13.116 min Scan# 1344

Delta R.T. -0.000 min

Lab File: BN023979.D

Acq: 07 Feb 2023 20:15

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

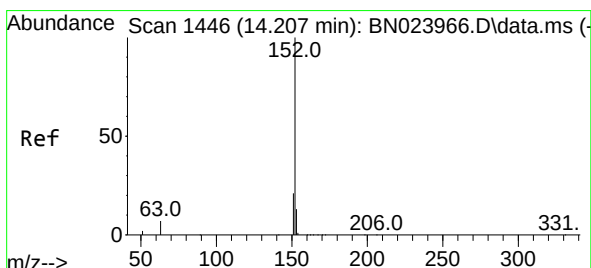
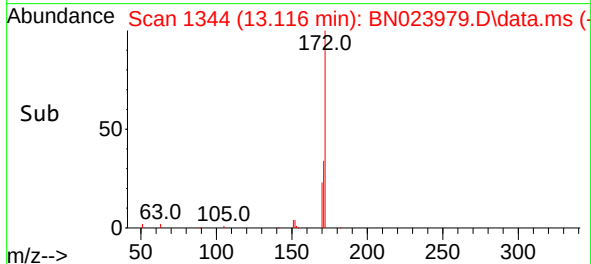
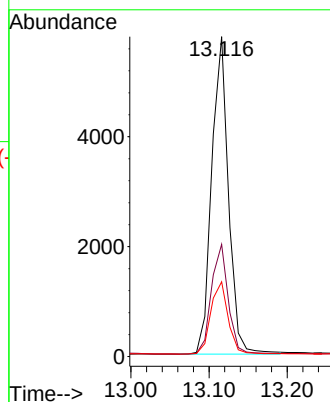
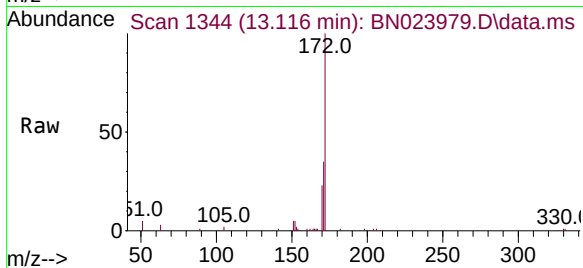
Tgt Ion:172 Resp: 8631

Ion Ratio Lower Upper

172 100

171 35.1 27.4 41.2

170 23.4 18.2 27.4



#16

Acenaphthylene

Concen: 0.332 ng

RT: 14.206 min Scan# 1446

Delta R.T. -0.000 min

Lab File: BN023979.D

Acq: 07 Feb 2023 20:15

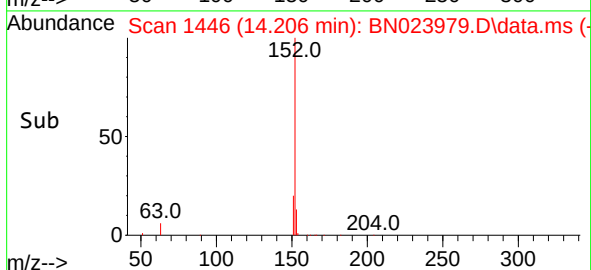
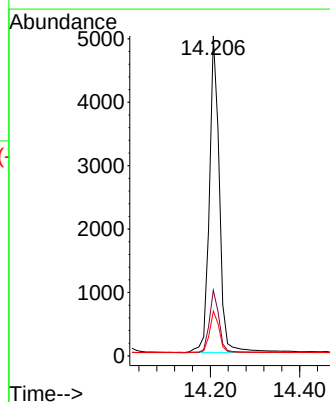
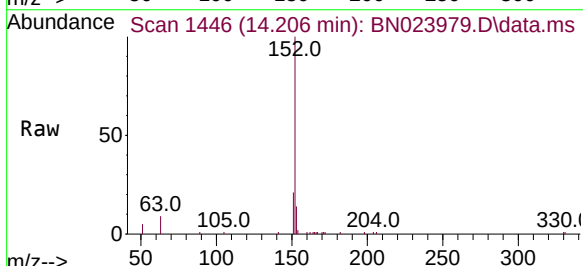
Tgt Ion:152 Resp: 7817

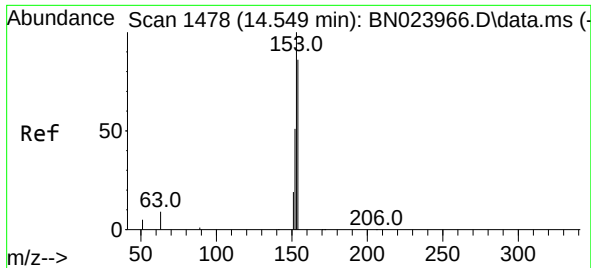
Ion Ratio Lower Upper

152 100

151 18.9 15.9 23.9

153 13.0 10.5 15.7

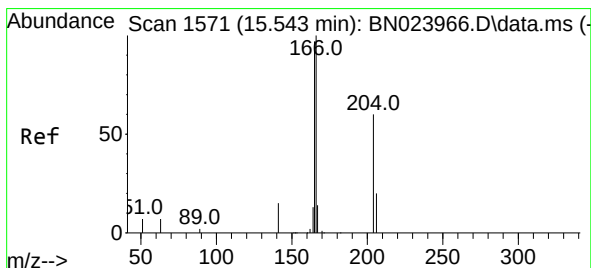
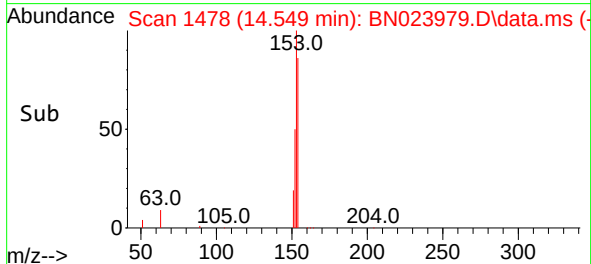
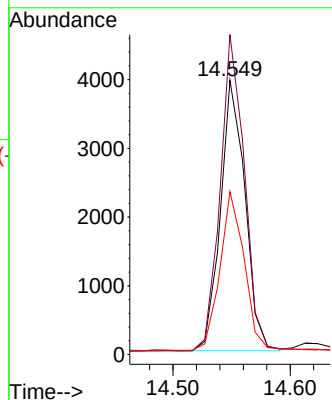
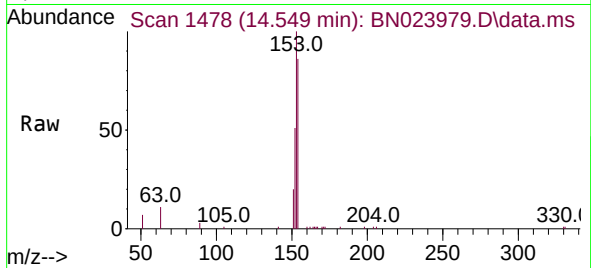




#17  
Acenaphthene  
Concen: 0.356 ng  
RT: 14.549 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

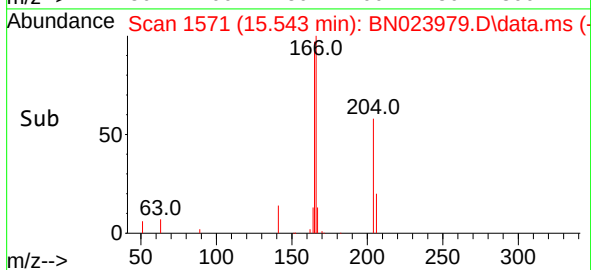
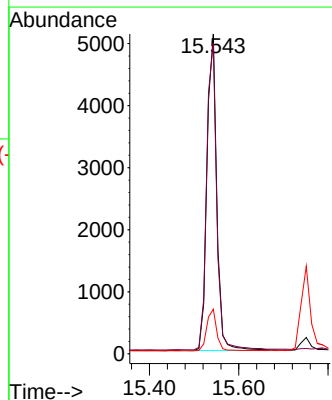
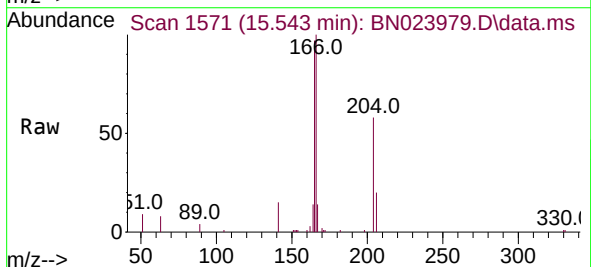
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

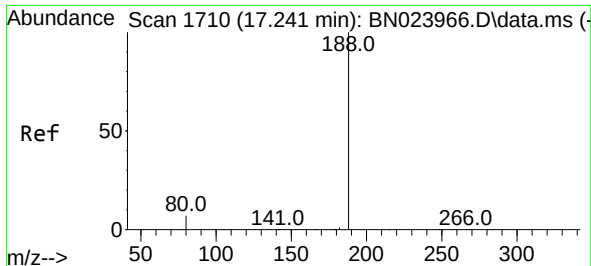
Tgt Ion:154 Resp: 5708  
Ion Ratio Lower Upper  
154 100  
153 116.9 92.6 139.0  
152 59.2 46.5 69.7



#18  
Fluorene  
Concen: 0.360 ng  
RT: 15.543 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

Tgt Ion:166 Resp: 7818  
Ion Ratio Lower Upper  
166 100  
165 98.9 79.3 118.9  
167 13.2 11.0 16.6

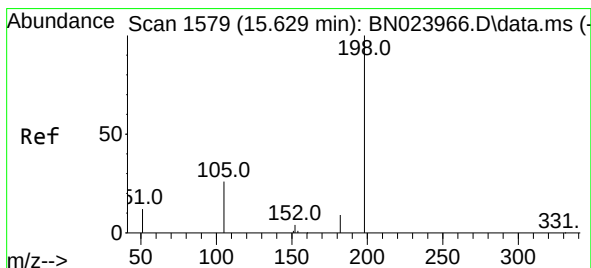
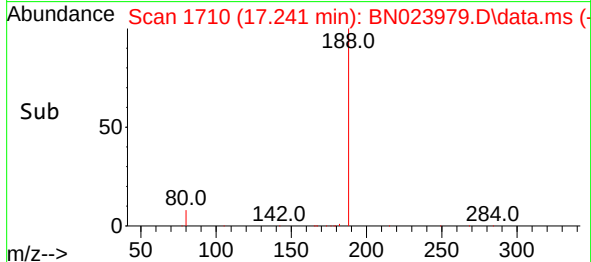
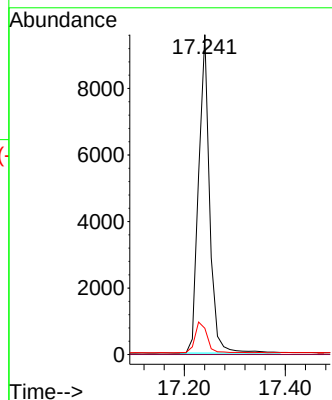
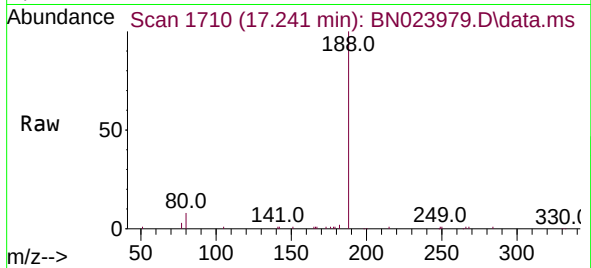




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.241 min Scan# 1710  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

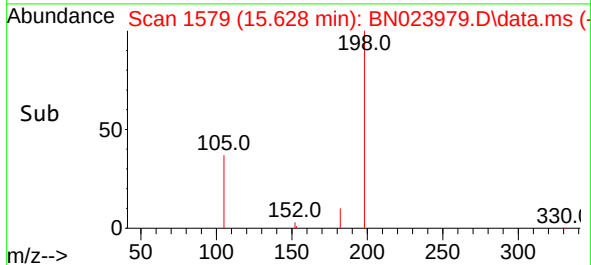
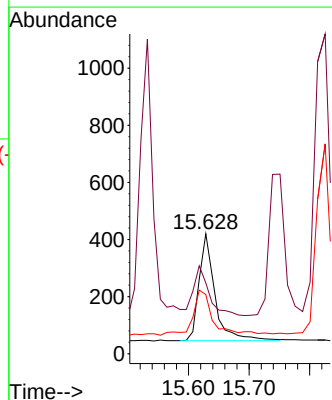
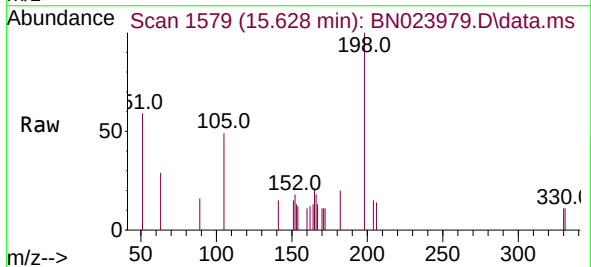
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

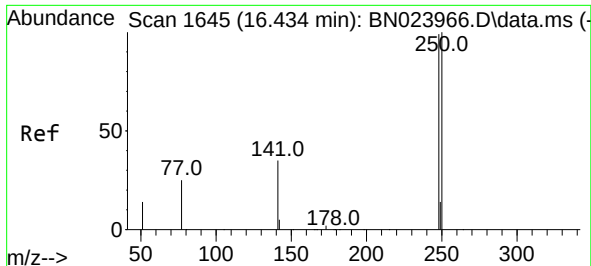
Tgt Ion:188 Resp: 14415  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.2 6.1 9.1



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.401 ng  
RT: 15.628 min Scan# 1579  
Delta R.T. -0.001 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

Tgt Ion:198 Resp: 701  
Ion Ratio Lower Upper  
198 100  
51 59.0 36.8 55.2#  
105 49.3 28.8 43.2#

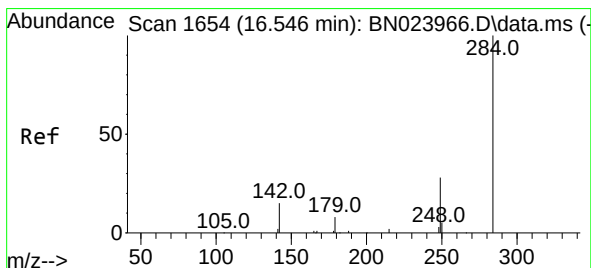
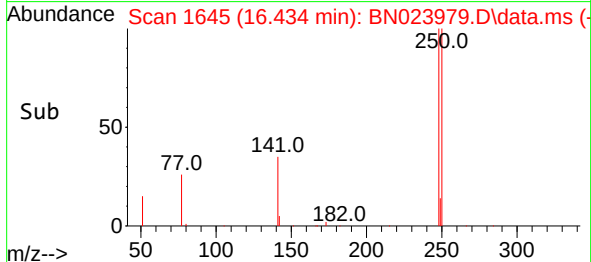
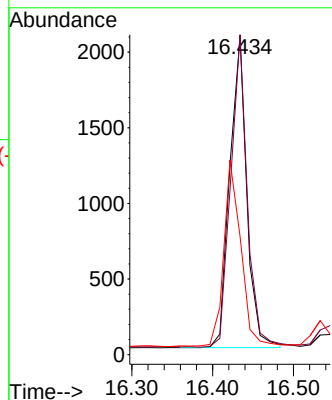
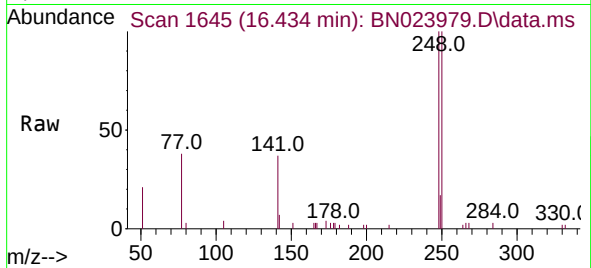




#21  
4-Bromophenyl-phenylether  
Concen: 0.322 ng  
RT: 16.434 min Scan# 1645  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

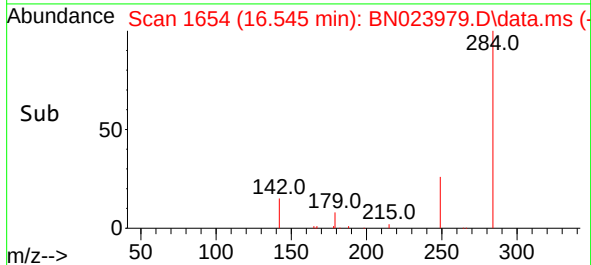
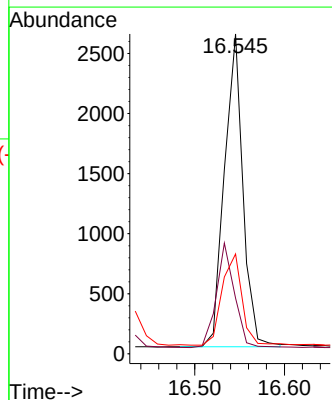
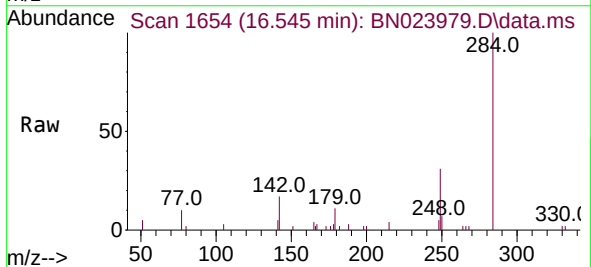
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

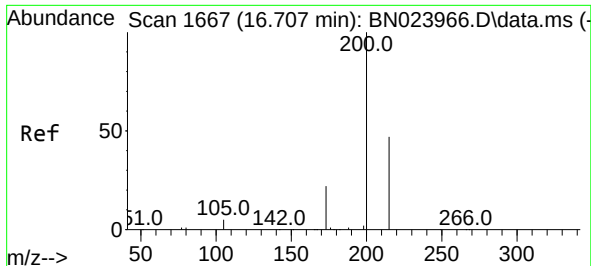
Tgt Ion:248 Resp: 3017  
Ion Ratio Lower Upper  
248 100  
250 100.5 80.8 121.2  
141 37.2 29.2 43.8



#22  
Hexachlorobenzene  
Concen: 0.331 ng  
RT: 16.545 min Scan# 1654  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

Tgt Ion:284 Resp: 3726  
Ion Ratio Lower Upper  
284 100  
142 32.9 26.2 39.2  
249 31.4 25.0 37.4





#23

Atrazine

Concen: 0.312 ng

RT: 16.719 min Scan# 1668

Delta R.T. 0.012 min

Lab File: BN023979.D

Acq: 07 Feb 2023 20:15

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

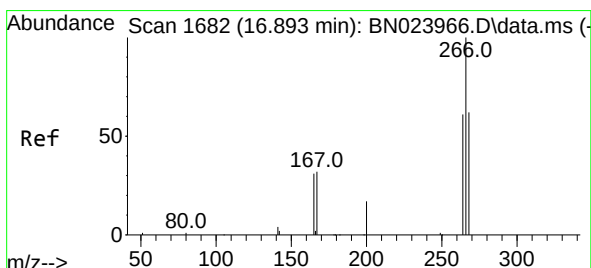
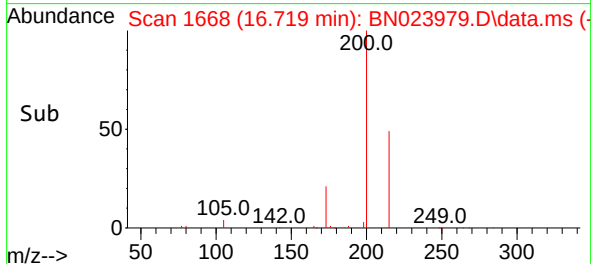
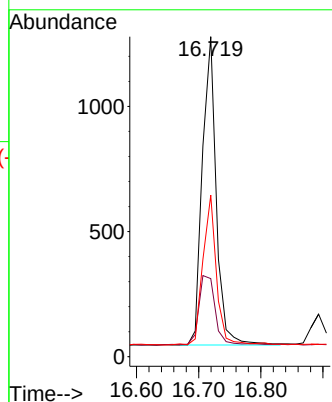
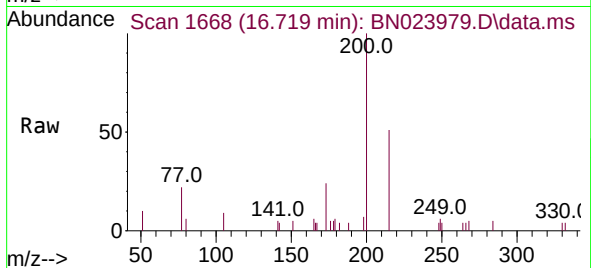
Tgt Ion:200 Resp: 1912

Ion Ratio Lower Upper

200 100

173 24.4 19.5 29.3

215 50.5 38.6 58.0



#24

Pentachlorophenol

Concen: 0.387 ng

RT: 16.893 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BN023979.D

Acq: 07 Feb 2023 20:15

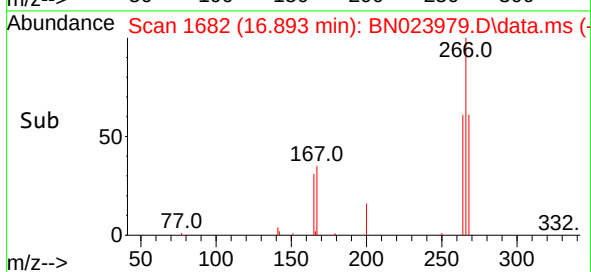
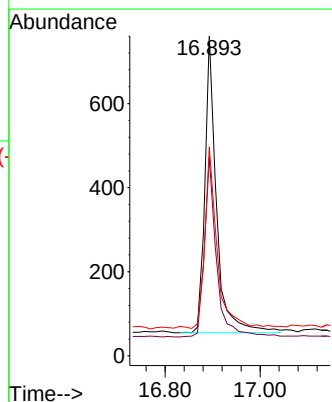
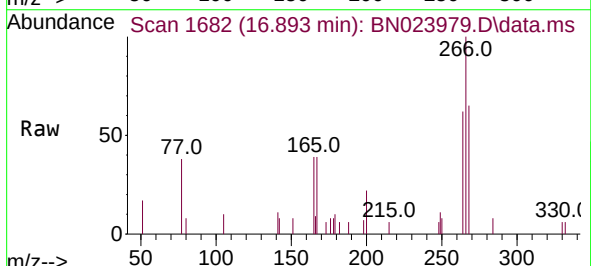
Tgt Ion:266 Resp: 1196

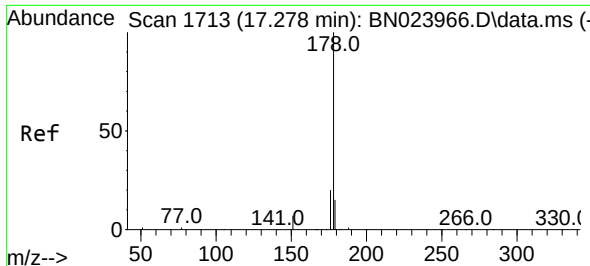
Ion Ratio Lower Upper

266 100

264 62.6 47.6 71.4

268 64.5 47.5 71.3

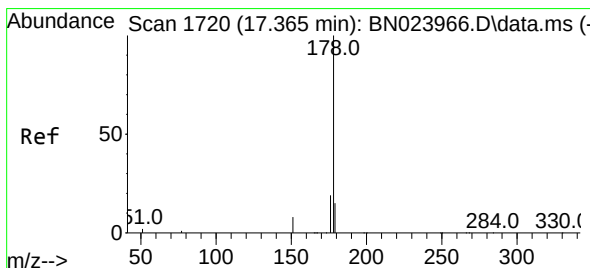
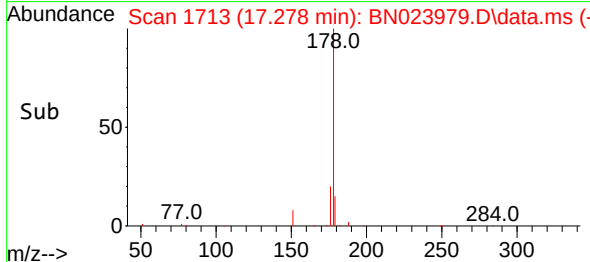
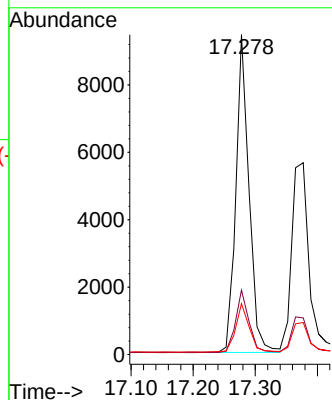
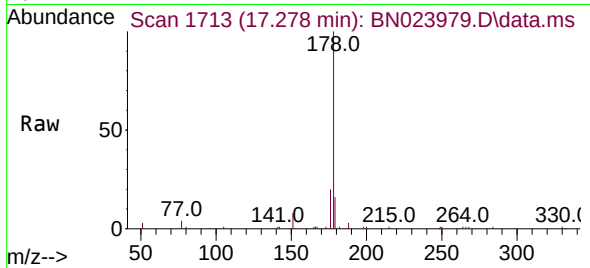




#25  
Phenanthrene  
Concen: 0.347 ng  
RT: 17.278 min Scan# 1713  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

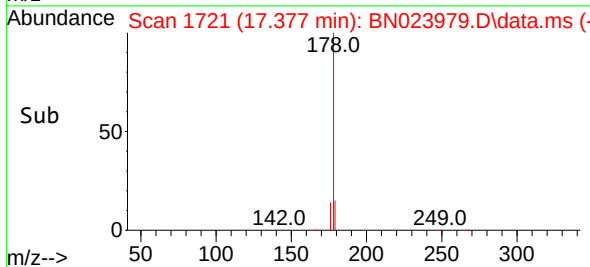
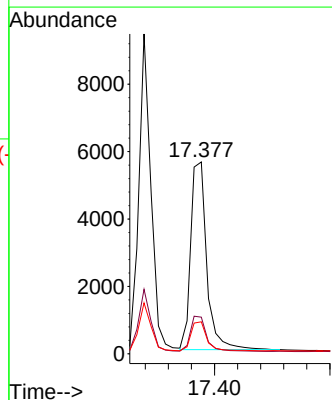
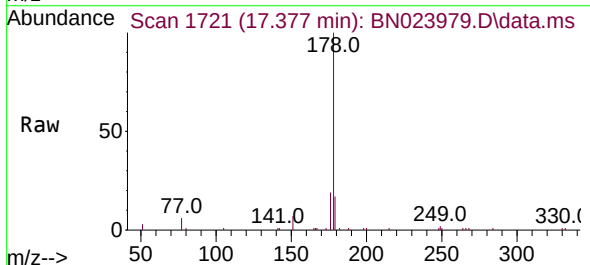
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

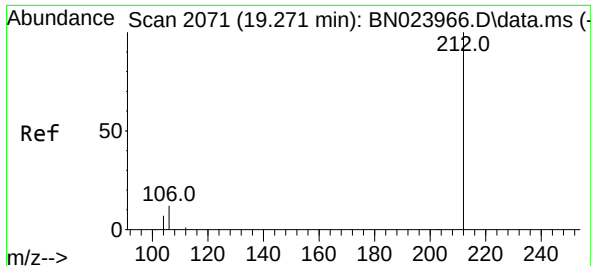
Tgt Ion:178 Resp: 13815  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.6 23.4  
179 15.8 12.6 19.0



#26  
Anthracene  
Concen: 0.330 ng  
RT: 17.377 min Scan# 1721  
Delta R.T. 0.012 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

Tgt Ion:178 Resp: 10798  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.9 22.3  
179 14.9 12.2 18.4

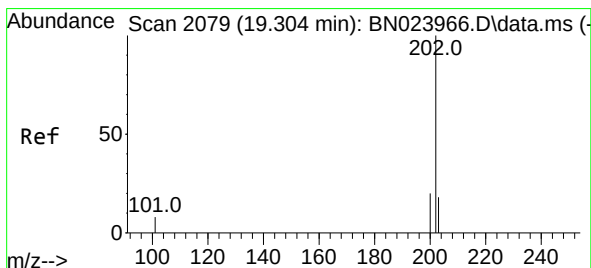
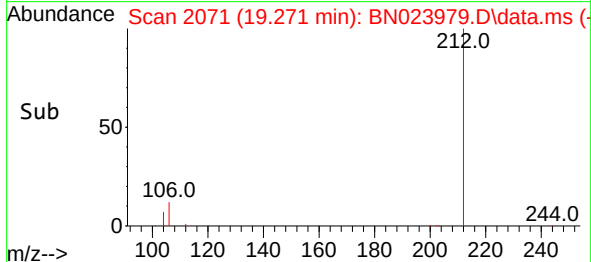
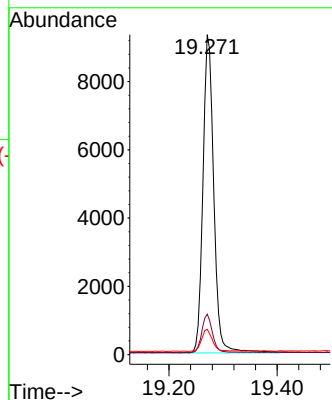
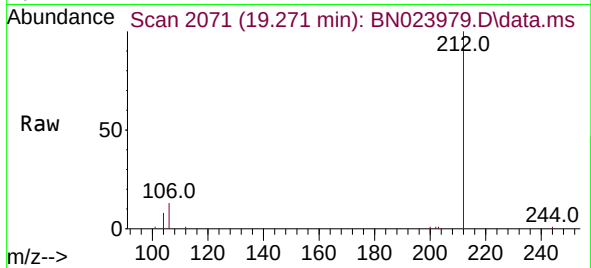




#27  
Fluoranthene-d10  
Concen: 0.370 ng  
RT: 19.271 min Scan# 2071  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

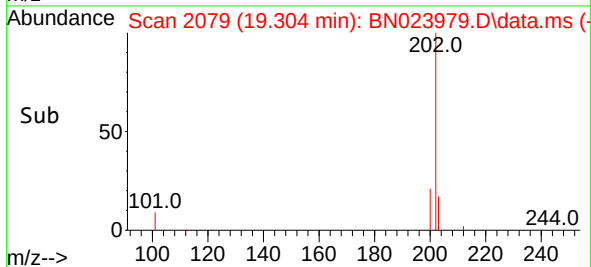
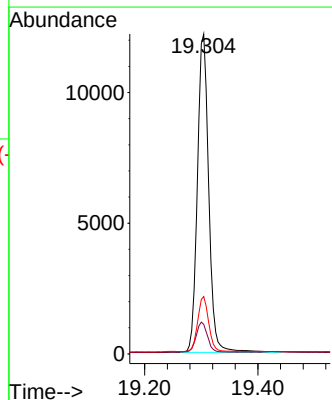
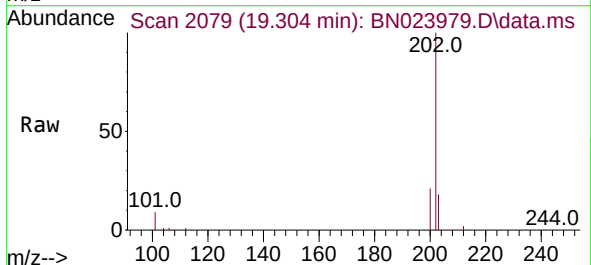
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:212 Resp: 12954  
Ion Ratio Lower Upper  
212 100  
106 11.8 9.2 13.8  
104 6.8 5.7 8.5

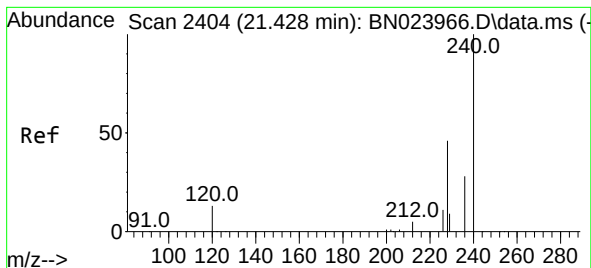


#28  
Fluoranthene  
Concen: 0.369 ng  
RT: 19.304 min Scan# 2079  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

Tgt Ion:202 Resp: 16836  
Ion Ratio Lower Upper  
202 100  
101 9.3 7.7 11.5  
203 16.9 13.7 20.5







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.428 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BN023979.D

Acq: 07 Feb 2023 20:15

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

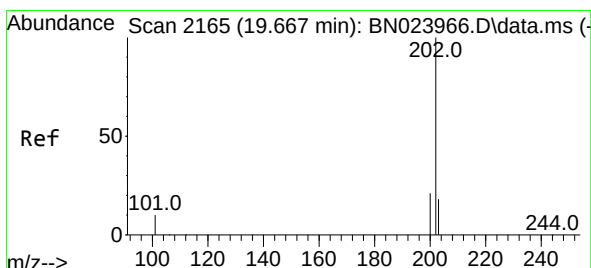
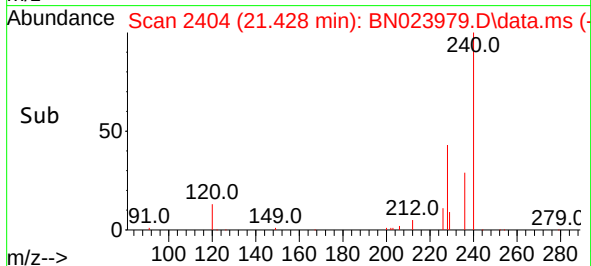
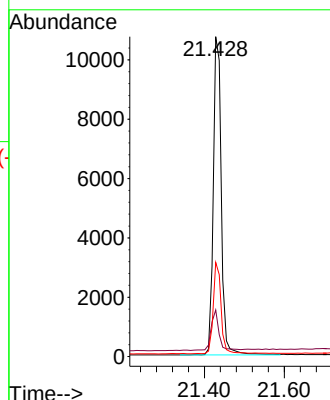
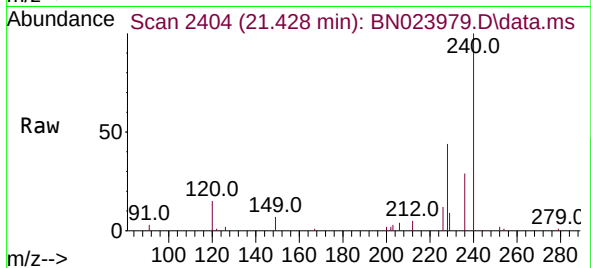
Tgt Ion:240 Resp: 14939

Ion Ratio Lower Upper

240 100

120 14.6 11.4 17.0

236 29.4 23.2 34.8



#30

Pyrene

Concen: 0.328 ng

RT: 19.667 min Scan# 2165

Delta R.T. -0.000 min

Lab File: BN023979.D

Acq: 07 Feb 2023 20:15

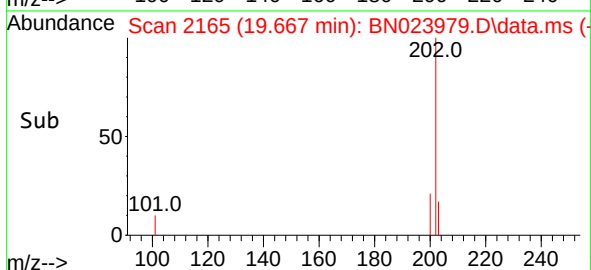
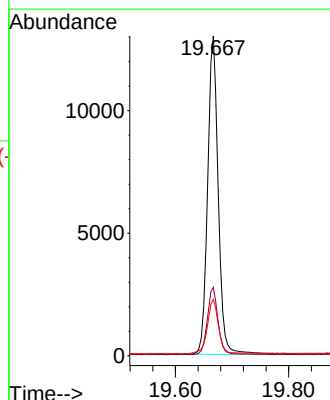
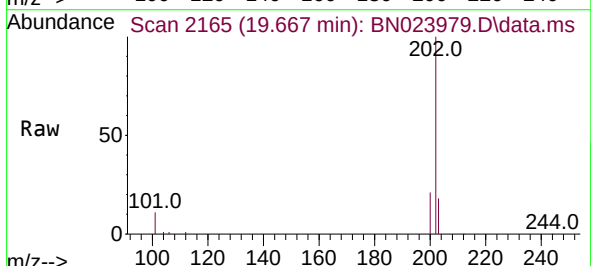
Tgt Ion:202 Resp: 17001

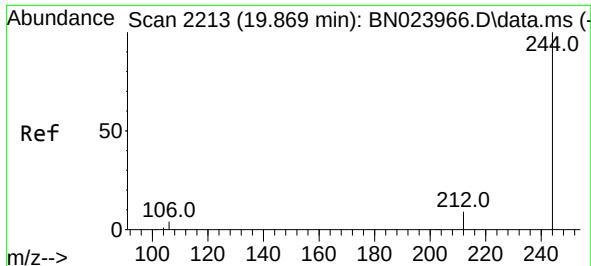
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.9 14.4 21.6

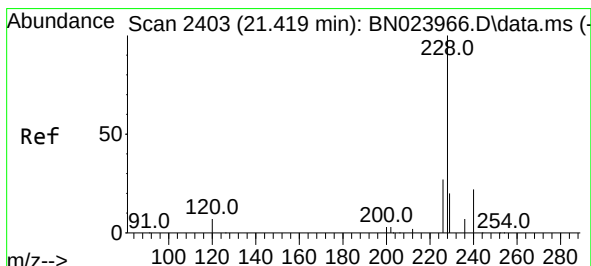
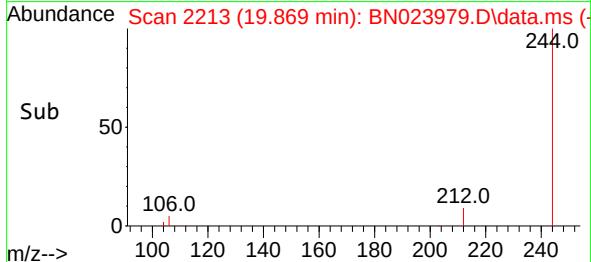
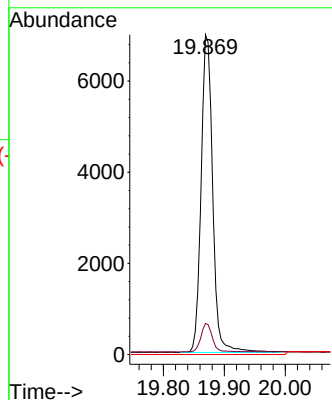
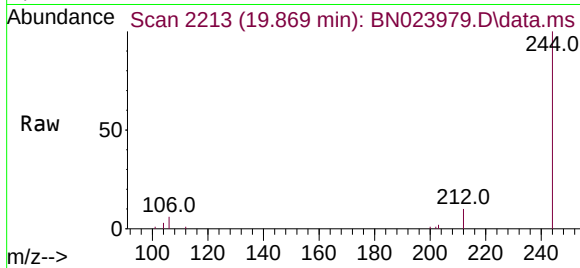




#31  
 Terphenyl-d14  
 Concen: 0.328 ng  
 RT: 19.869 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN023979.D  
 Acq: 07 Feb 2023 20:15

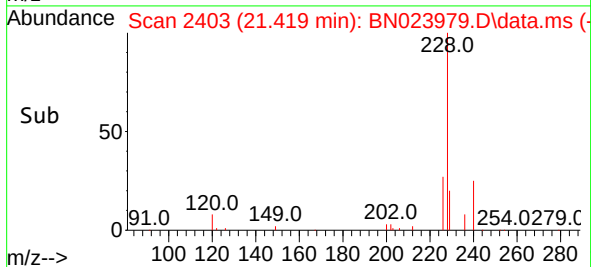
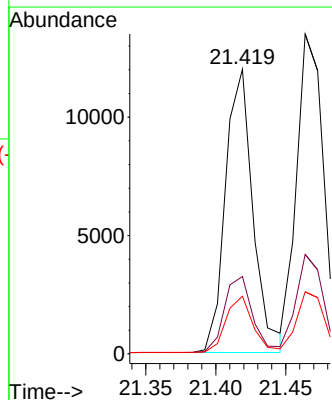
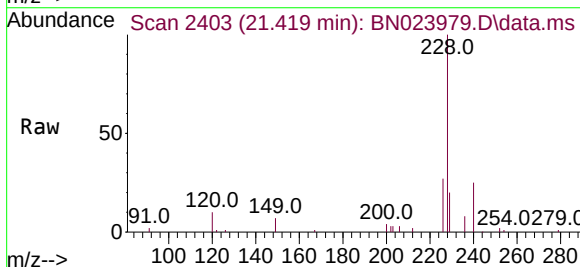
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

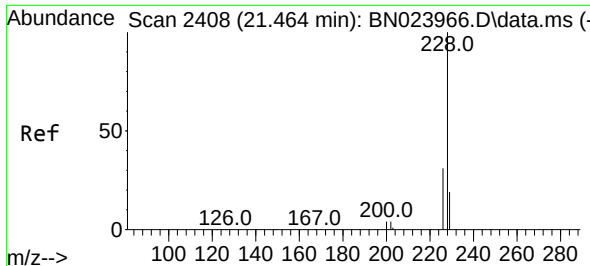
Tgt Ion:244 Resp: 9144  
 Ion Ratio Lower Upper  
 244 100  
 212 9.7 7.7 11.5  
 122 0.0 0.0 0.0



#32  
 Benzo(a)anthracene  
 Concen: 0.343 ng  
 RT: 21.419 min Scan# 2403  
 Delta R.T. -0.000 min  
 Lab File: BN023979.D  
 Acq: 07 Feb 2023 20:15

Tgt Ion:228 Resp: 16415  
 Ion Ratio Lower Upper  
 228 100  
 226 27.2 21.8 32.8  
 229 20.3 15.9 23.9





#33

Chrysene

Concen: 0.358 ng

RT: 21.464 min Scan# 2408

Delta R.T. -0.000 min

Lab File: BN023979.D

Acq: 07 Feb 2023 20:15

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

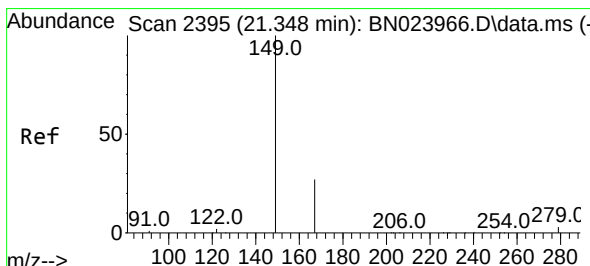
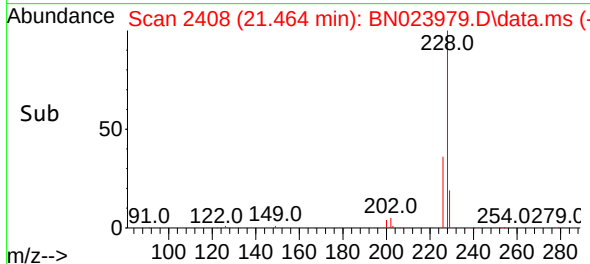
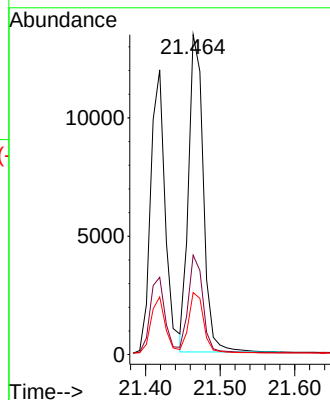
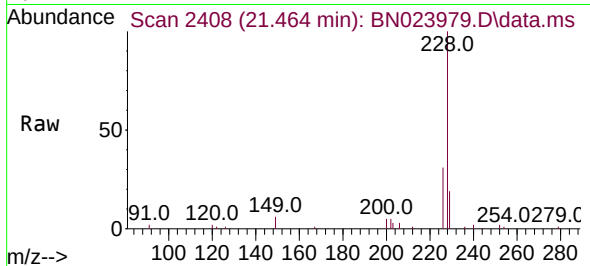
Tgt Ion:228 Resp: 18448

Ion Ratio Lower Upper

228 100

226 31.1 25.2 37.8

229 19.4 15.7 23.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.310 ng

RT: 21.347 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BN023979.D

Acq: 07 Feb 2023 20:15

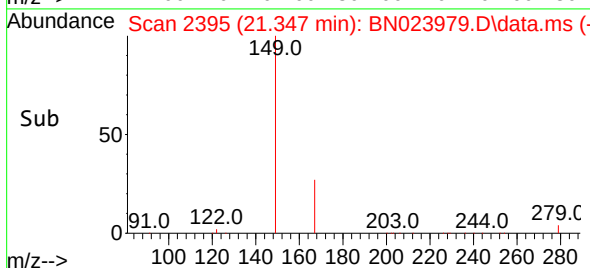
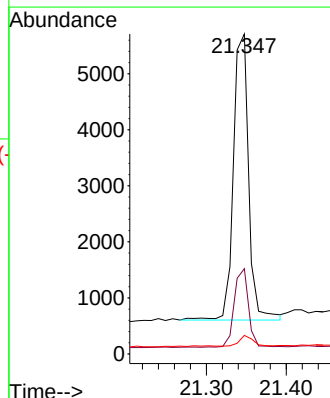
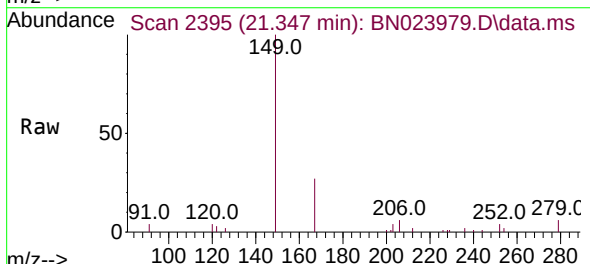
Tgt Ion:149 Resp: 6770

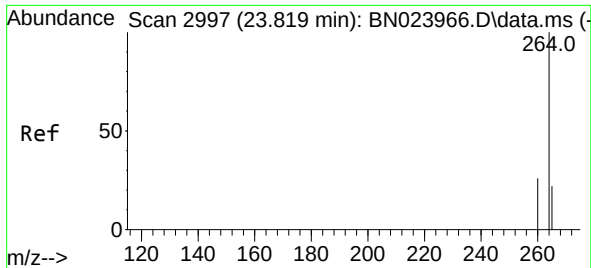
Ion Ratio Lower Upper

149 100

167 25.9 21.1 31.7

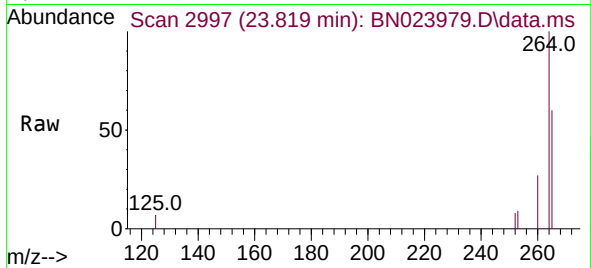
279 3.4 3.1 4.7





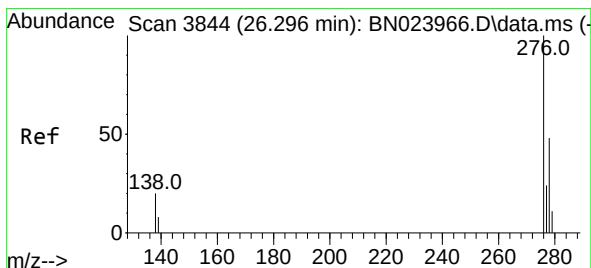
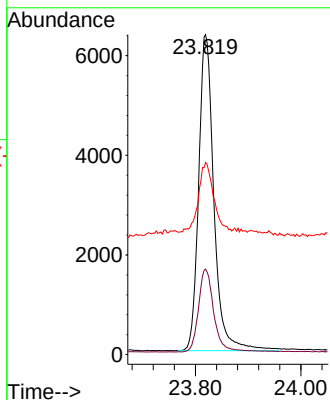
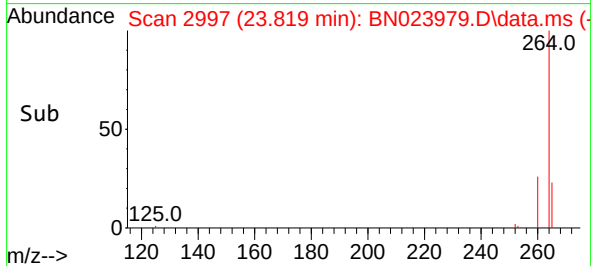
#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.819 min Scan# 2997  
 Delta R.T. -0.000 min  
 Lab File: BN023979.D  
 Acq: 07 Feb 2023 20:15

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion:264 Resp: 12736

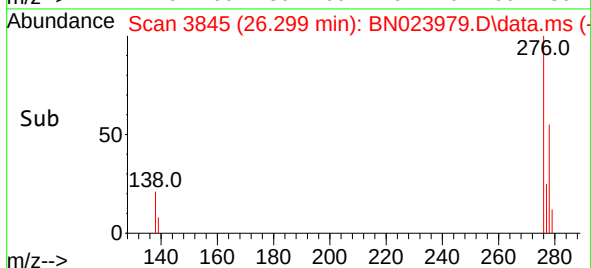
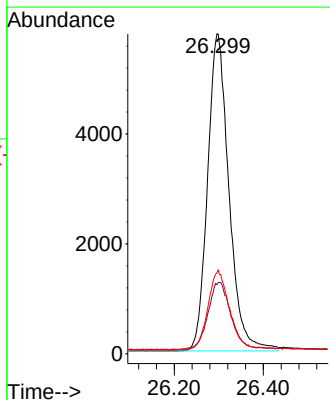
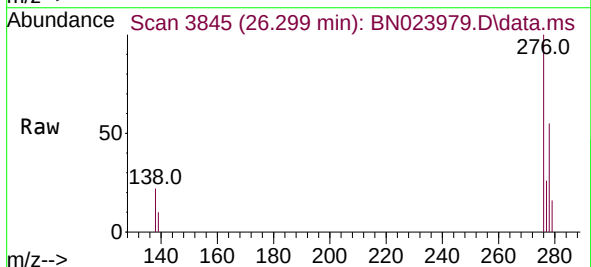
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.7  | 21.4  | 32.0  |
| 265 | 60.0  | 41.4  | 62.0  |

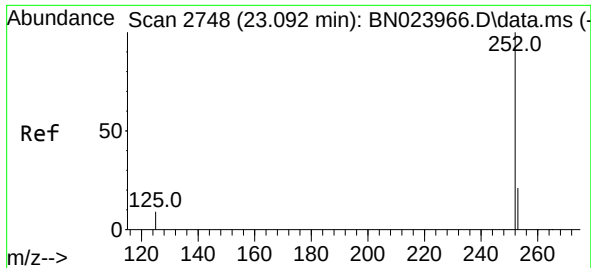


#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.333 ng  
 RT: 26.299 min Scan# 3845  
 Delta R.T. 0.003 min  
 Lab File: BN023979.D  
 Acq: 07 Feb 2023 20:15

Tgt Ion:276 Resp: 19245

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 22.6  | 18.0  | 27.0  |
| 277 | 24.8  | 19.9  | 29.9  |

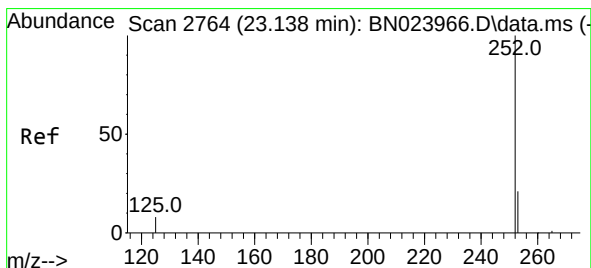
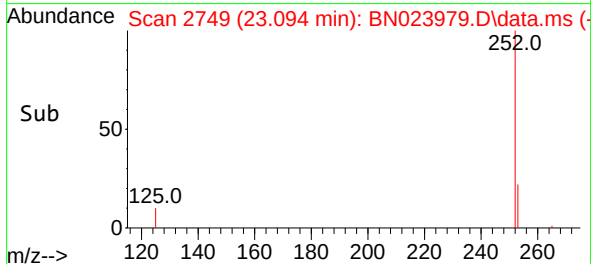
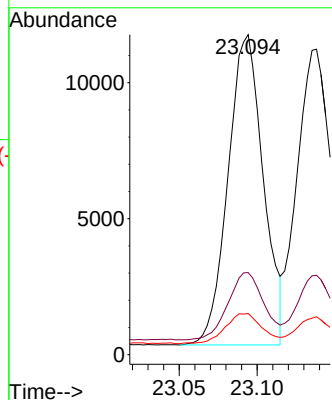
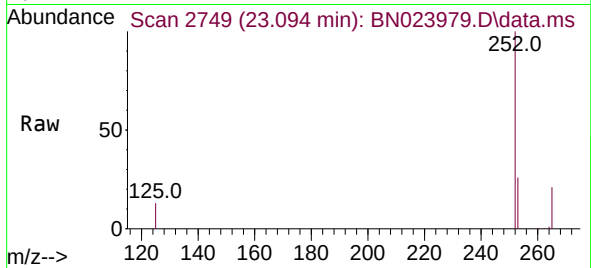




#37  
Benzo(b)fluoranthene  
Concen: 0.348 ng  
RT: 23.094 min Scan# 2748  
Delta R.T. 0.003 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

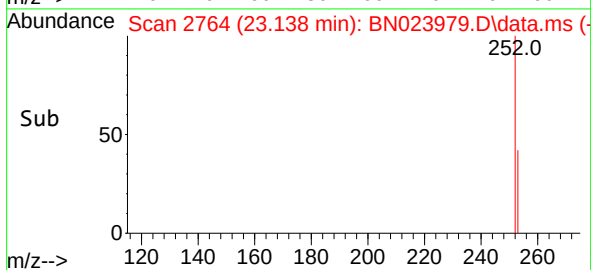
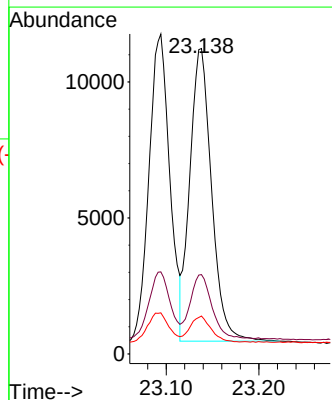
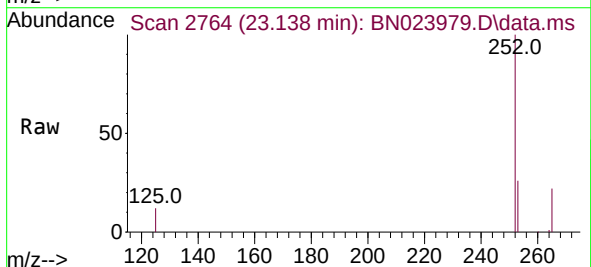
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

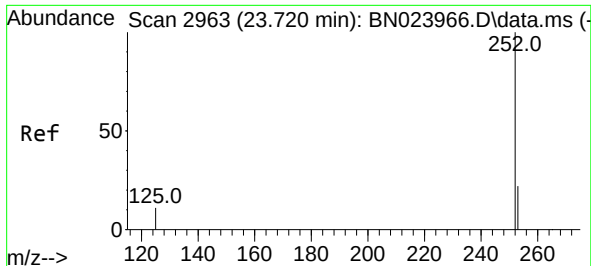
Tgt Ion:252 Resp: 17940  
Ion Ratio Lower Upper  
252 100  
253 25.6 19.8 29.6  
125 12.8 9.4 14.0



#38  
Benzo(k)fluoranthene  
Concen: 0.344 ng  
RT: 23.138 min Scan# 2764  
Delta R.T. -0.000 min  
Lab File: BN023979.D  
Acq: 07 Feb 2023 20:15

Tgt Ion:252 Resp: 17547  
Ion Ratio Lower Upper  
252 100  
253 26.0 20.2 30.2  
125 12.4 9.0 13.4





#39

Benzo(a)pyrene

Concen: 0.341 ng

RT: 23.720 min Scan# 2963

Delta R.T. -0.000 min

Lab File: BN023979.D

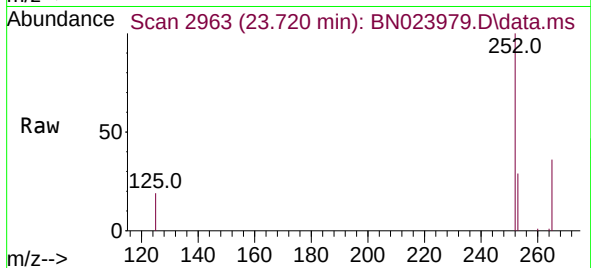
Acq: 07 Feb 2023 20:15

Instrument :

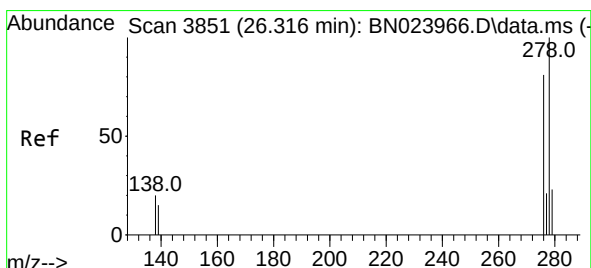
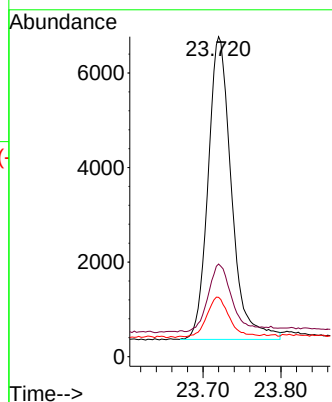
BNA\_N

ClientSampleId :

SSTDCCC0.4EC



|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 13317     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 28.9  | 21.9 32.9 |
| 125         | 18.5  | 12.4 18.6 |



#40

Dibenzo(a,h)anthracene

Concen: 0.327 ng

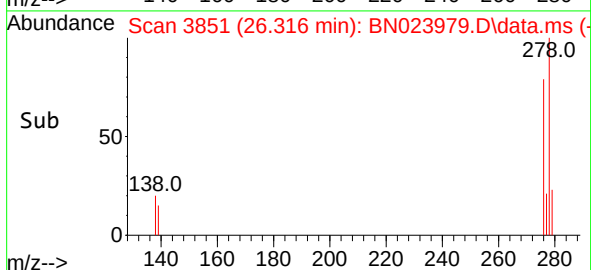
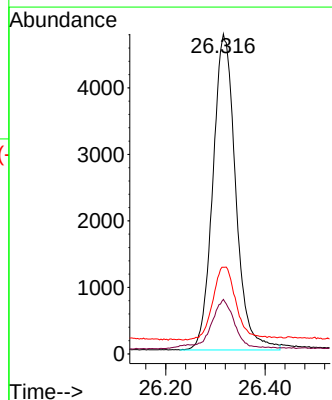
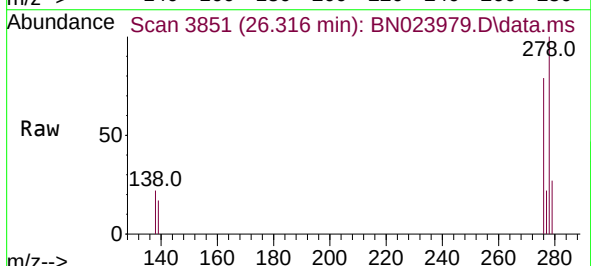
RT: 26.316 min Scan# 3851

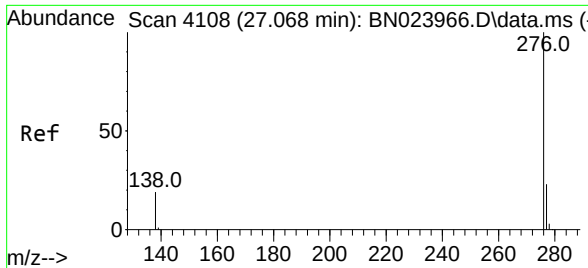
Delta R.T. -0.000 min

Lab File: BN023979.D

Acq: 07 Feb 2023 20:15

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:278 | Resp: | 15130     |
| Ion Ratio   | Lower | Upper     |
| 278         | 100   |           |
| 139         | 17.0  | 13.1 19.7 |
| 279         | 27.1  | 21.7 32.5 |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.327 ng  
 RT: 27.070 min Scan# 41  
 Delta R.T. 0.003 min  
 Lab File: BN023979.D  
 Acq: 07 Feb 2023 20:15

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 16052 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 25.0  | 19.6  | 29.4  |
| 138       | 21.6  | 16.2  | 24.4  |

