

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081623\  
 Data File : BN026930.D  
 Acq On : 16 Aug 2023 13:06  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Aug 16 16:06:35 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 16 15:56:02 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.109  | 152  | 7176     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.938 | 136  | 20150    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.726 | 164  | 13137    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.480 | 188  | 29368    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.659 | 240  | 25840    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.209 | 264  | 30101    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.618  | 112  | 7180     | 0.355 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.236  | 99   | 8805     | 0.353 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.294  | 82   | 5715     | 0.336 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.506 | 152  | 12491    | 0.390 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.214 | 330  | 2118     | 0.303 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.368 | 172  | 19636    | 0.403 | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.495 | 212  | 28697    | 0.381 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.085 | 244  | 20635    | 0.382 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.480  | 88   | 2960     | 0.384 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.819  | 42   | 3356     | 0.390 | ng    | # 96     |
| 6) bis(2-Chloroethyl)ether    | 7.532  | 93   | 8326     | 0.396 | ng    | 99       |
| 9) Naphthalene                | 10.981 | 128  | 20770    | 0.392 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.226 | 225  | 4227     | 0.390 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.581 | 142  | 15950    | 0.385 | ng    | 100      |
| 16) Acenaphthylene            | 14.459 | 152  | 23644    | 0.377 | ng    | 100      |
| 17) Acenaphthene              | 14.790 | 154  | 15322    | 0.396 | ng    | 99       |
| 18) Fluorene                  | 15.767 | 166  | 20265    | 0.390 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 16.921 | 198  | 173      | 0.376 | ng    | # 75     |
| 21) 4-Bromophenyl-phenylether | 16.661 | 248  | 6461     | 0.385 | ng    | # 78     |
| 22) Hexachlorobenzene         | 16.748 | 284  | 7504     | 0.419 | ng    | 99       |
| 23) Atrazine                  | 16.921 | 200  | 5111     | 0.343 | ng    | # 91     |
| 24) Pentachlorophenol         | 17.108 | 266  | 2728     | 0.302 | ng    | 98       |
| 25) Phenanthrene              | 17.517 | 178  | 33045    | 0.391 | ng    | 100      |
| 26) Anthracene                | 17.617 | 178  | 28720    | 0.365 | ng    | 100      |
| 28) Fluoranthene              | 19.528 | 202  | 38511    | 0.385 | ng    | 100      |
| 30) Pyrene                    | 19.895 | 202  | 39858    | 0.401 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.641 | 228  | 35857    | 0.384 | ng    | 98       |
| 33) Chrysene                  | 21.695 | 228  | 37282    | 0.396 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.524 | 149  | 24061    | 0.358 | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.899 | 276  | 49629    | 0.403 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.414 | 252  | 39846    | 0.396 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 23.466 | 252  | 39538    | 0.382 | ng    | 98       |
| 39) Benzo(a)pyrene            | 24.089 | 252  | 39565    | 0.392 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 26.934 | 278  | 38484    | 0.392 | ng    | 100      |
| 41) Benzo(g,h,i)perylene      | 27.732 | 276  | 42490    | 0.402 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

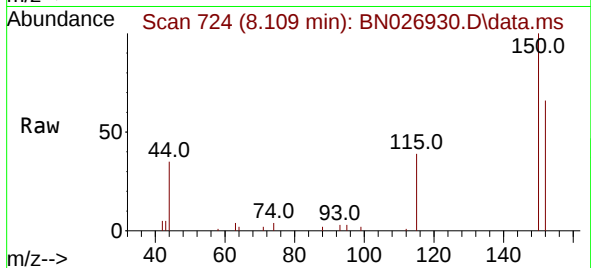
(#) = qualifier out of range (m) = manual integration (+) = signals summed



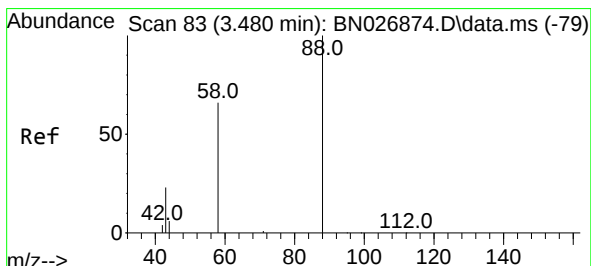
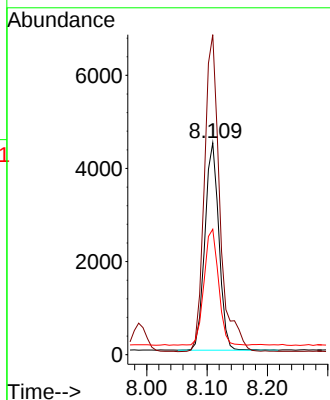
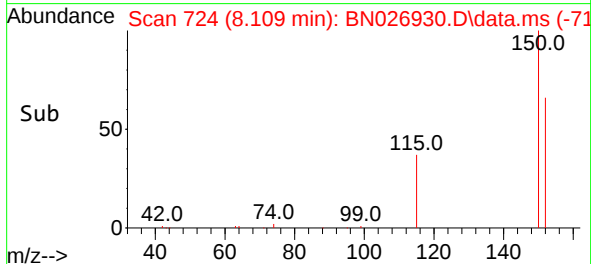


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.109 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BN026930.D  
 Acq: 16 Aug 2023 13:06

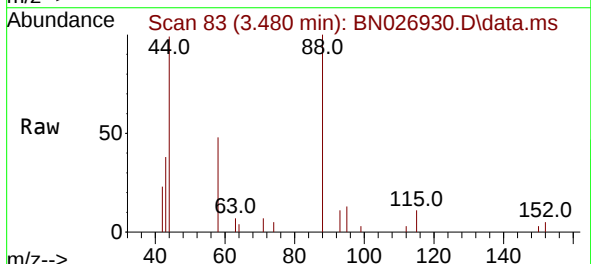
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



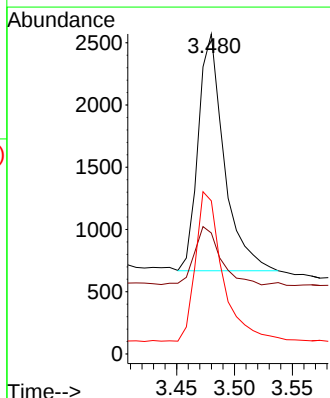
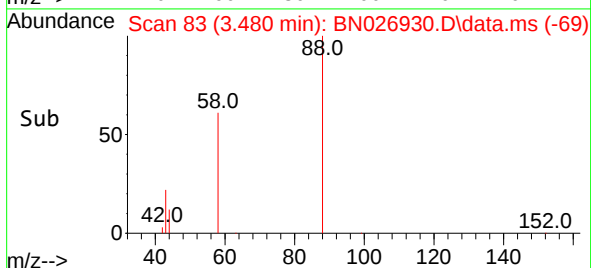
Tgt Ion:152 Resp: 7176  
 Ion Ratio Lower Upper  
 152 100  
 150 151.0 123.8 185.6  
 115 59.2 49.7 74.5



#2  
 1,4-Dioxane  
 Concen: 0.384 ng  
 RT: 3.480 min Scan# 83  
 Delta R.T. 0.000 min  
 Lab File: BN026930.D  
 Acq: 16 Aug 2023 13:06



Tgt Ion: 88 Resp: 2960  
 Ion Ratio Lower Upper  
 88 100  
 43 24.5 19.2 28.8  
 58 66.3 54.5 81.7

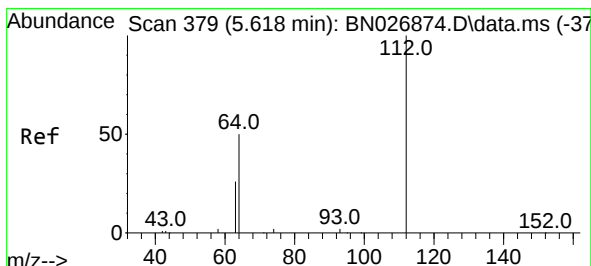
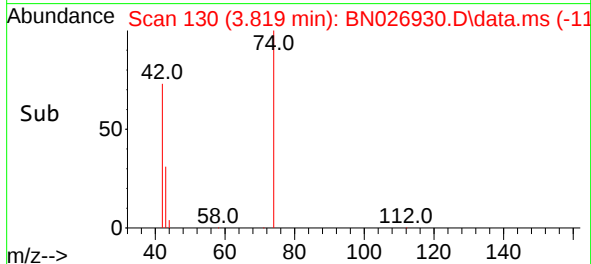
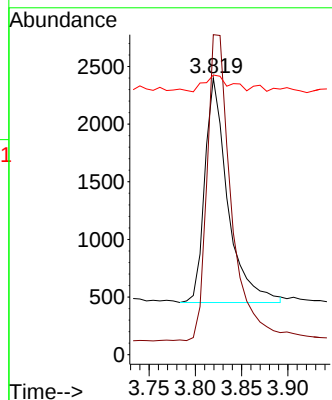
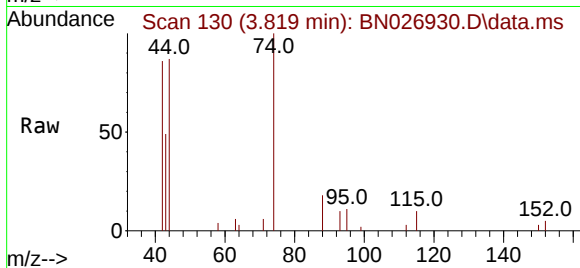




#3  
n-Nitrosodimethylamine  
Concen: 0.390 ng  
RT: 3.819 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

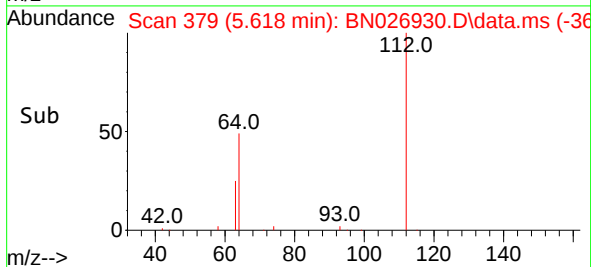
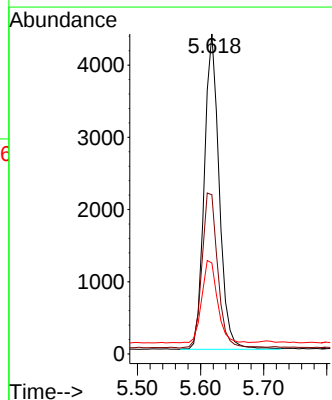
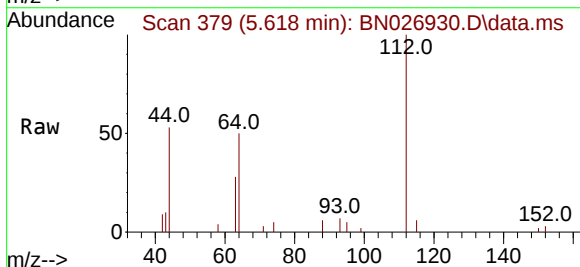
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

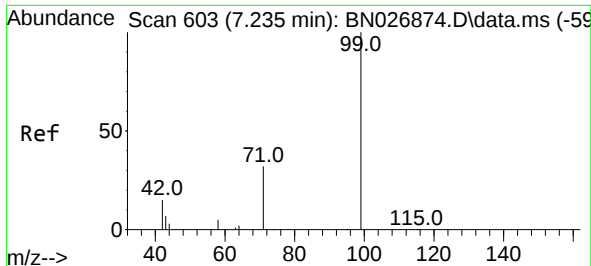
Tgt Ion: 42 Resp: 3356  
Ion Ratio Lower Upper  
42 100  
74 144.0 119.4 179.2  
44 8.1 8.7 13.1#



#4  
2-Fluorophenol  
Concen: 0.355 ng  
RT: 5.618 min Scan# 379  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

Tgt Ion: 112 Resp: 7180  
Ion Ratio Lower Upper  
112 100  
64 52.0 41.5 62.3  
63 27.0 21.7 32.5

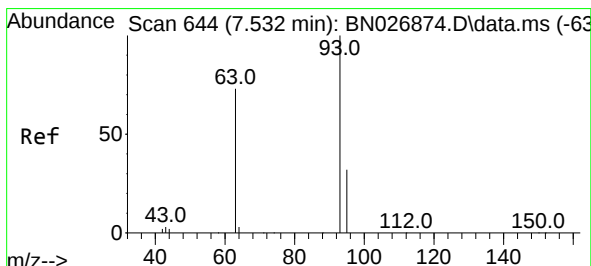
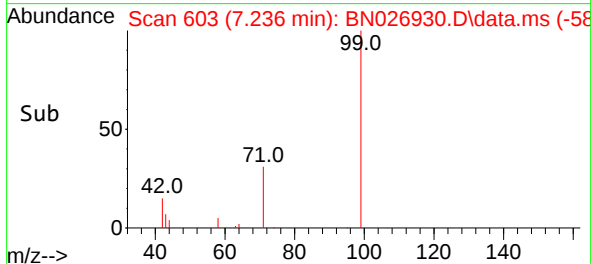
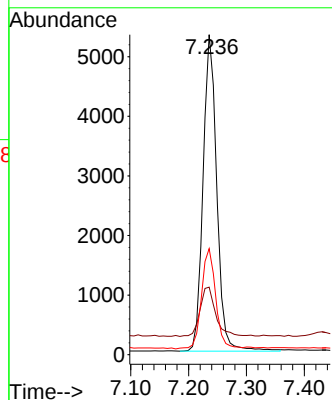
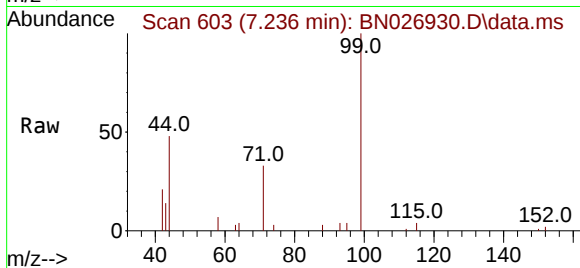




#5  
Phenol-d6  
Concen: 0.353 ng  
RT: 7.236 min Scan# 603  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

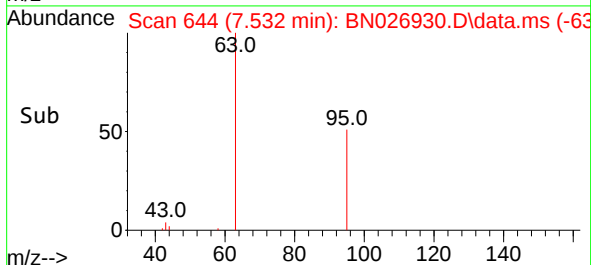
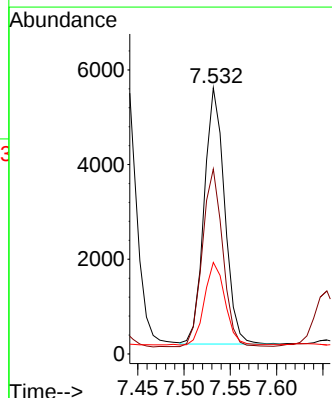
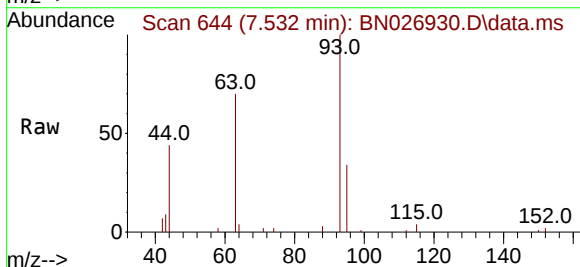
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 8805  
Ion Ratio Lower Upper  
99 100  
42 17.8 13.6 20.4  
71 32.7 26.0 39.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.396 ng  
RT: 7.532 min Scan# 644  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

Tgt Ion: 93 Resp: 8326  
Ion Ratio Lower Upper  
93 100  
63 69.4 55.0 82.4  
95 32.3 26.2 39.2

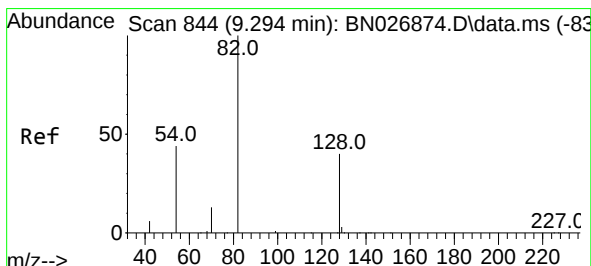
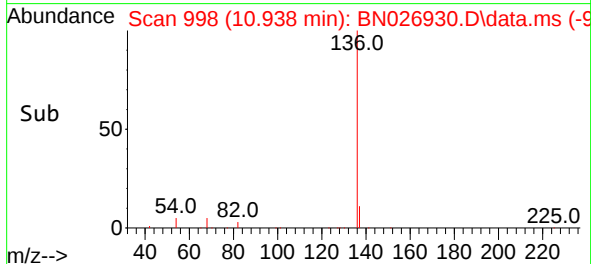
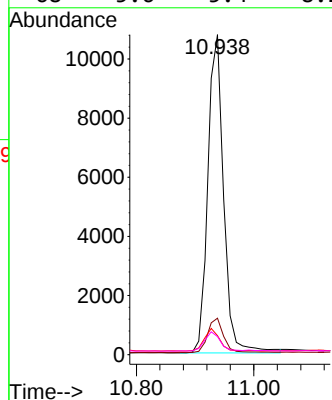
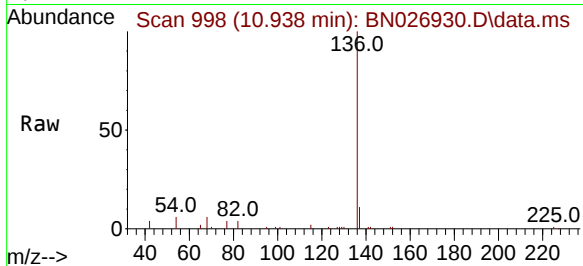




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.938 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

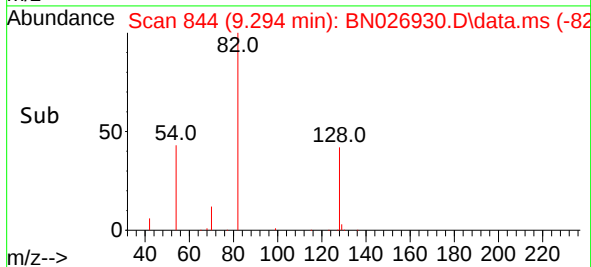
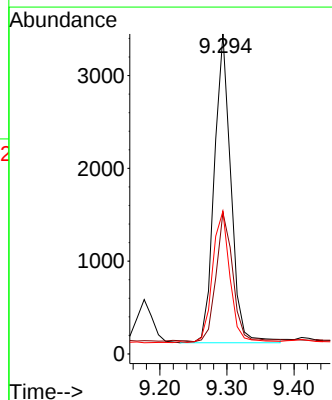
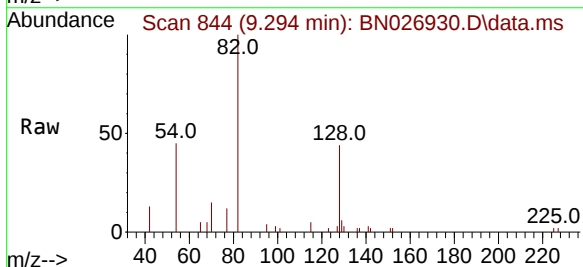
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

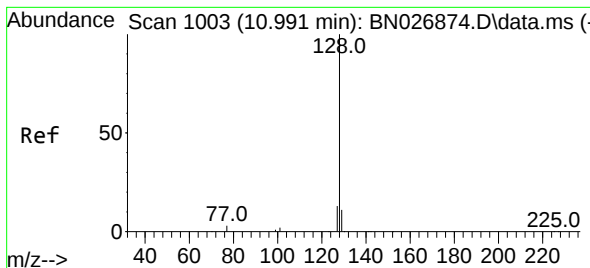
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 20150 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.0   | 13.6  |
| 54       | 5.9   | 5.5   | 8.3   |
| 68       | 5.6   | 5.4   | 8.2   |



#8  
Nitrobenzene-d5  
Concen: 0.336 ng  
RT: 9.294 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 5715  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.3  | 34.1  | 51.1  |
| 54       | 44.6  | 37.0  | 55.4  |





#9

Naphthalene

Concen: 0.392 ng

RT: 10.981 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BN026930.D

Acq: 16 Aug 2023 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

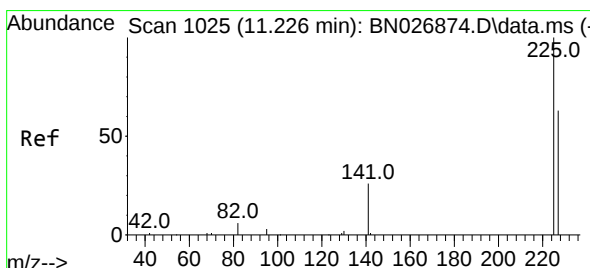
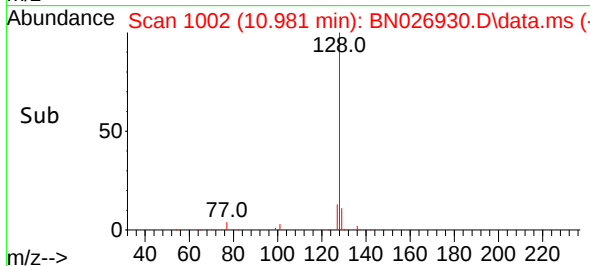
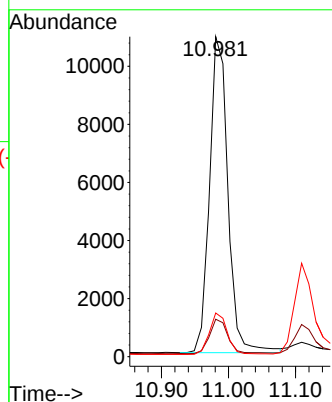
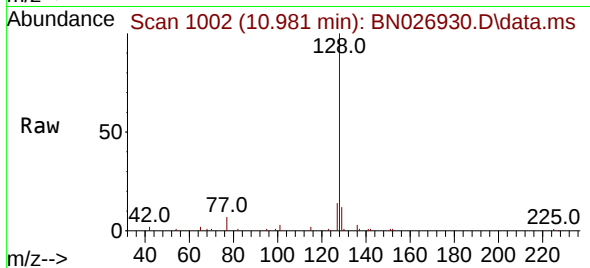
Tgt Ion:128 Resp: 20770

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

127 13.6 10.6 16.0



#10

Hexachlorobutadiene

Concen: 0.390 ng

RT: 11.226 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BN026930.D

Acq: 16 Aug 2023 13:06

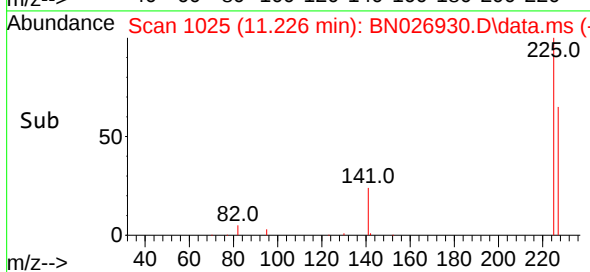
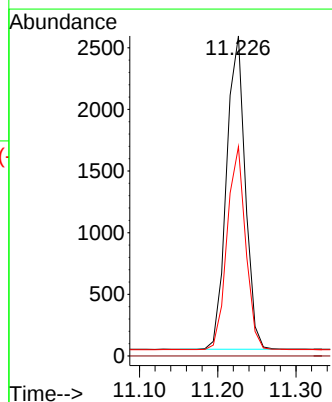
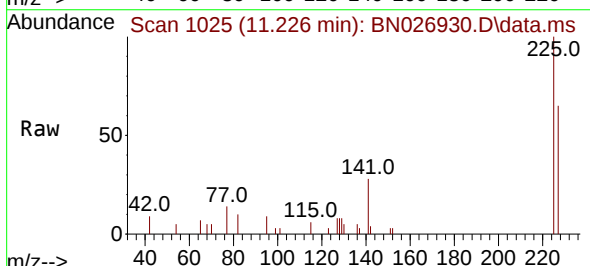
Tgt Ion:225 Resp: 4227

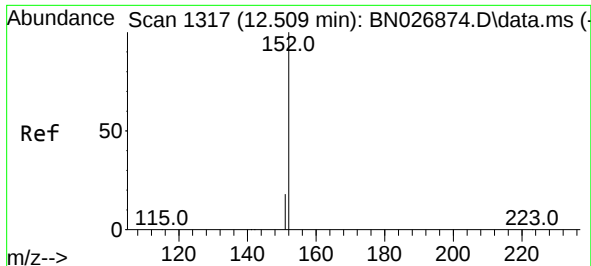
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.0 50.8 76.2

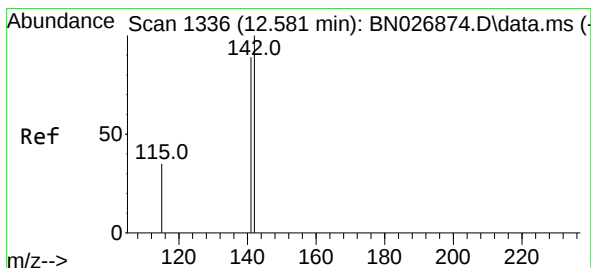
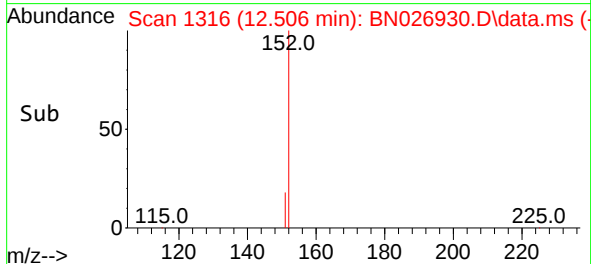
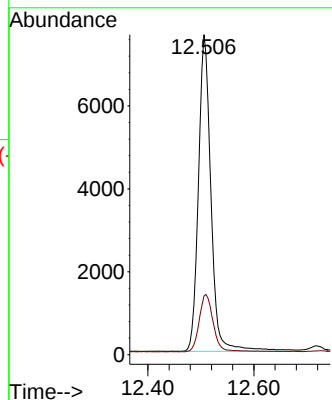
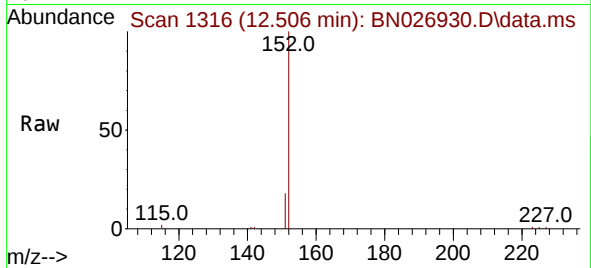




#11  
2-Methylnaphthalene-d10  
Concen: 0.390 ng  
RT: 12.506 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

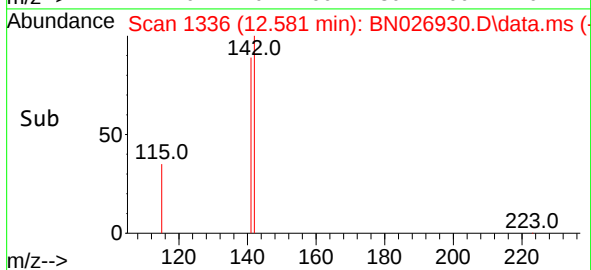
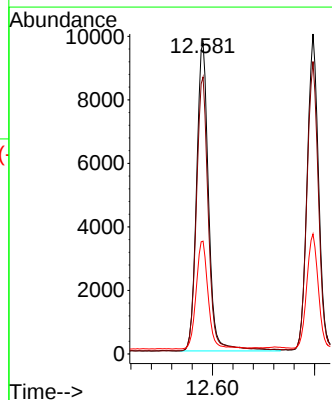
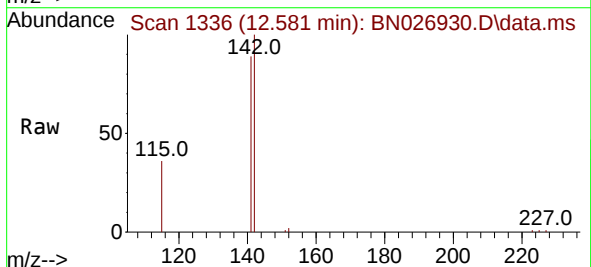
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

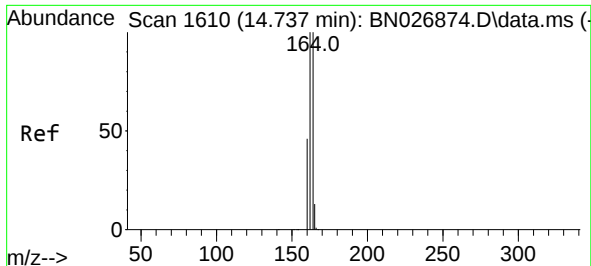
Tgt Ion:152 Resp: 12491  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.3 24.5



#12  
2-Methylnaphthalene  
Concen: 0.385 ng  
RT: 12.581 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

Tgt Ion:142 Resp: 15950  
Ion Ratio Lower Upper  
142 100  
141 89.1 71.0 106.6  
115 36.3 29.4 44.2

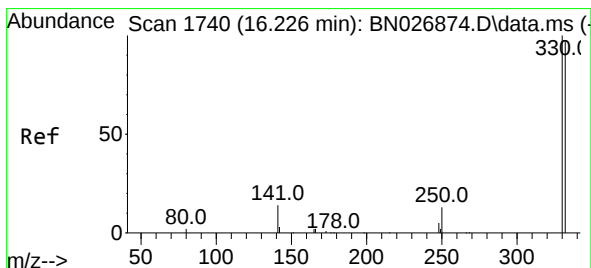
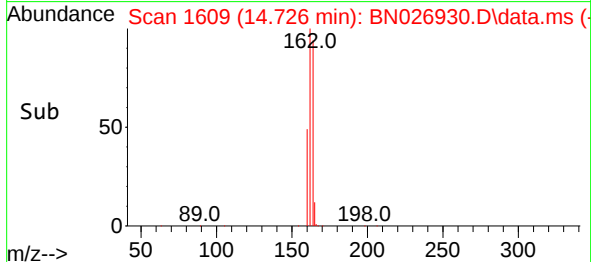
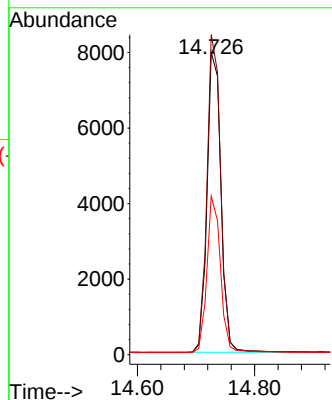
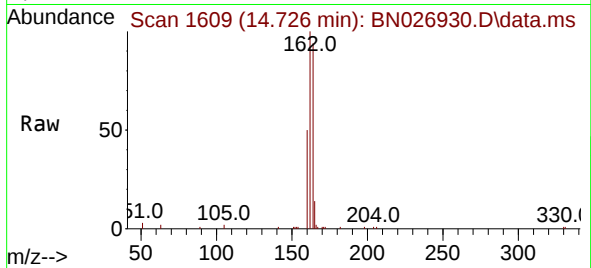




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.726 min Scan# 1609  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

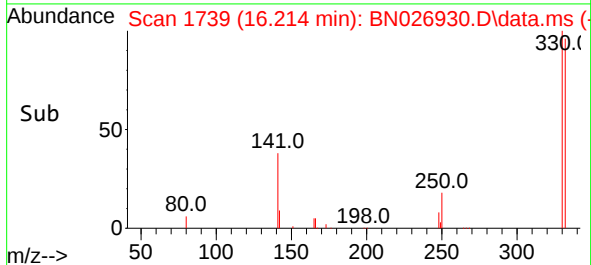
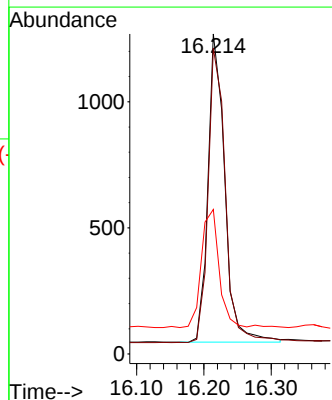
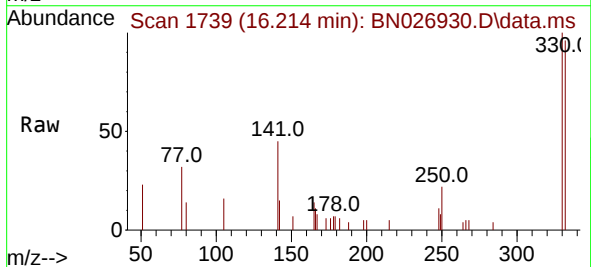
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

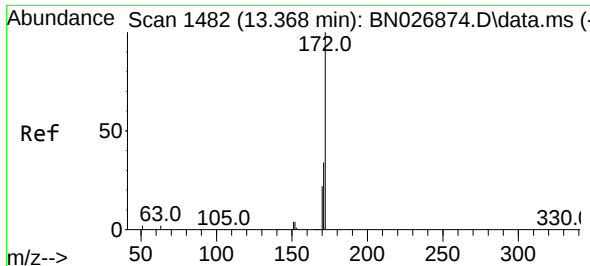
Tgt Ion:164 Resp: 13137  
Ion Ratio Lower Upper  
164 100  
162 105.9 79.7 119.5  
160 52.5 37.4 56.0



#14  
2,4,6-Tribromophenol  
Concen: 0.303 ng  
RT: 16.214 min Scan# 1739  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

Tgt Ion:330 Resp: 2118  
Ion Ratio Lower Upper  
330 100  
332 98.1 76.6 114.8  
141 40.4 32.3 48.5

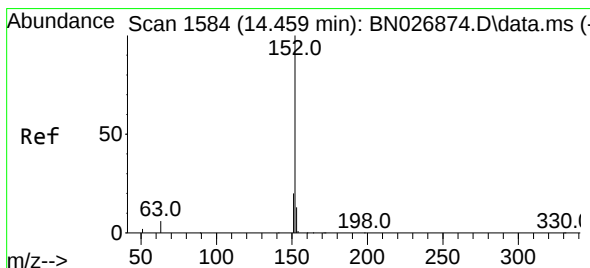
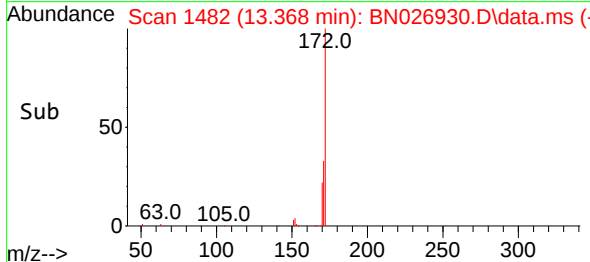
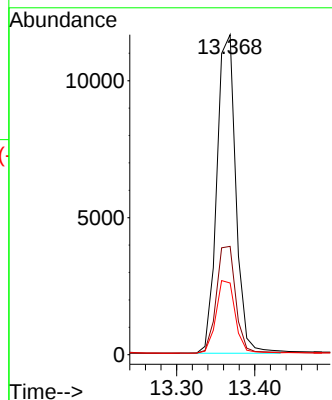
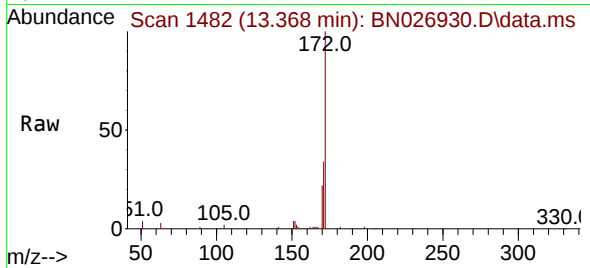




#15  
2-Fluorobiphenyl  
Concen: 0.403 ng  
RT: 13.368 min Scan# 1482  
Delta R.T. 0.011 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

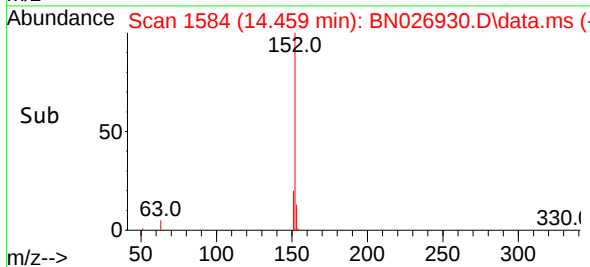
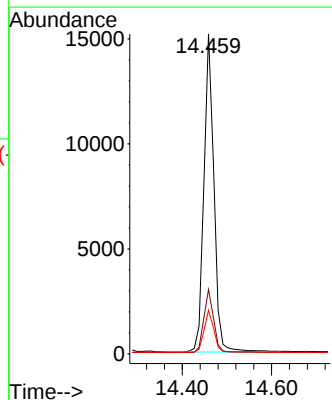
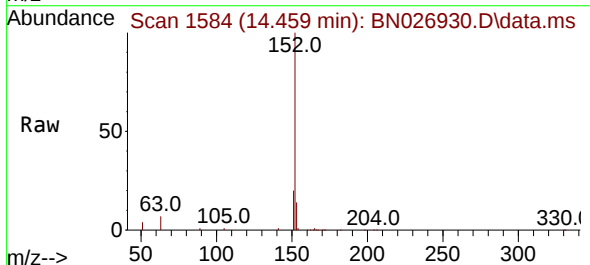
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

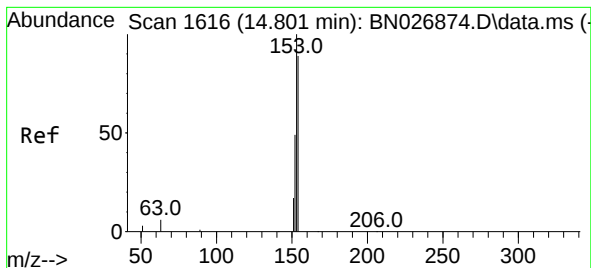
Tgt Ion:172 Resp: 19636  
Ion Ratio Lower Upper  
172 100  
171 33.9 27.4 41.0  
170 22.4 18.0 27.0



#16  
Acenaphthylene  
Concen: 0.377 ng  
RT: 14.459 min Scan# 1584  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

Tgt Ion:152 Resp: 23644  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.5 23.3  
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.396 ng

RT: 14.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN026930.D

Acq: 16 Aug 2023 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

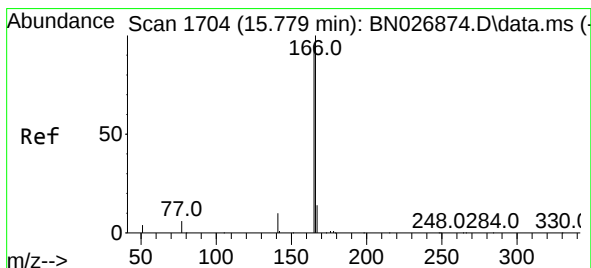
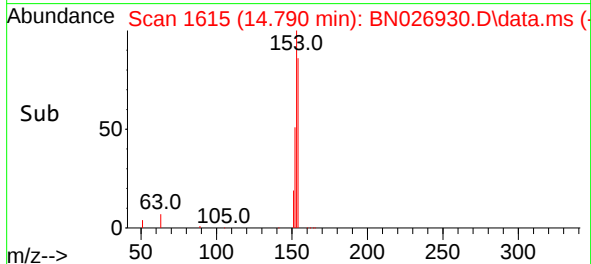
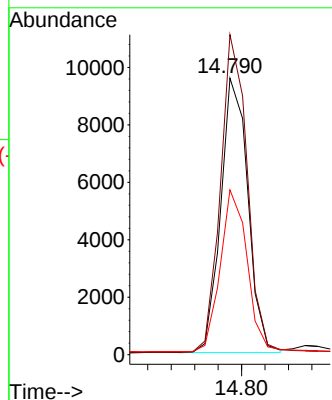
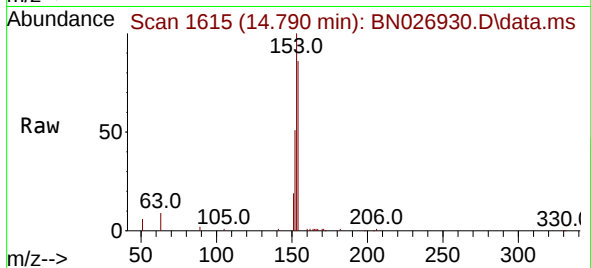
Tgt Ion:154 Resp: 15322

Ion Ratio Lower Upper

154 100

153 115.0 92.0 138.0

152 59.1 46.2 69.2



#18

Fluorene

Concen: 0.390 ng

RT: 15.767 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BN026930.D

Acq: 16 Aug 2023 13:06

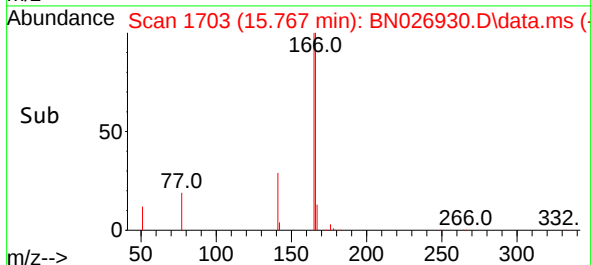
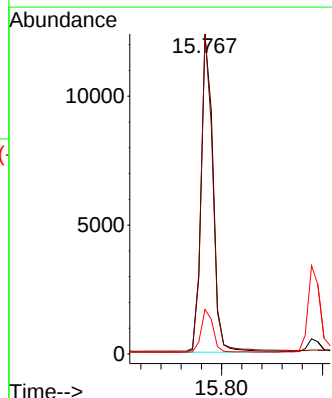
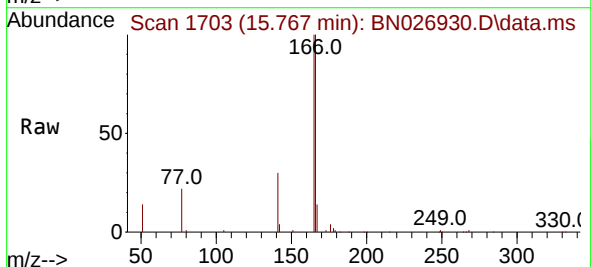
Tgt Ion:166 Resp: 20265

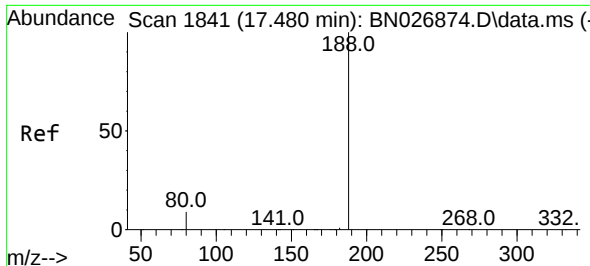
Ion Ratio Lower Upper

166 100

165 97.6 77.4 116.2

167 13.5 10.9 16.3

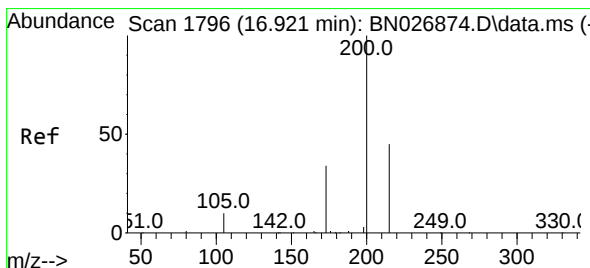
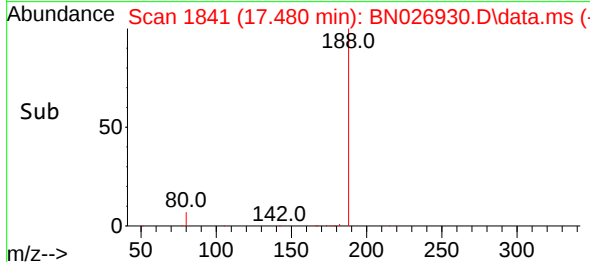
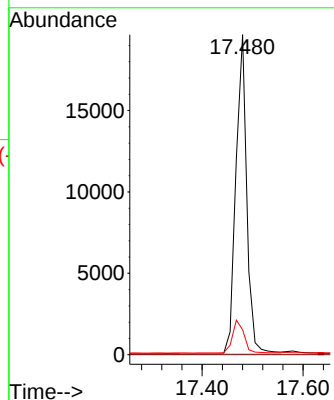
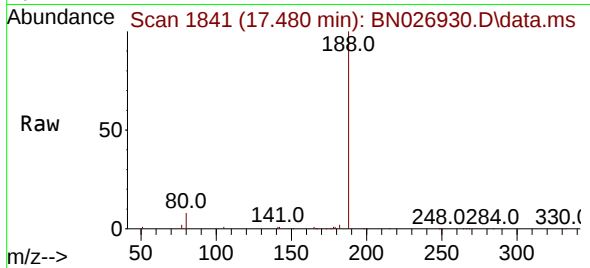




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.480 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

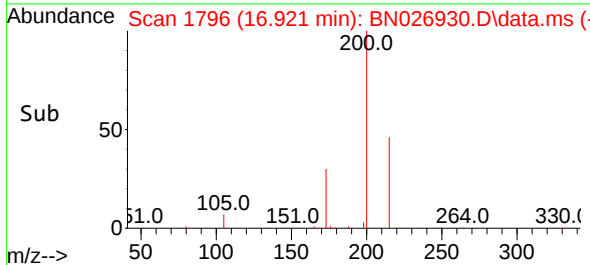
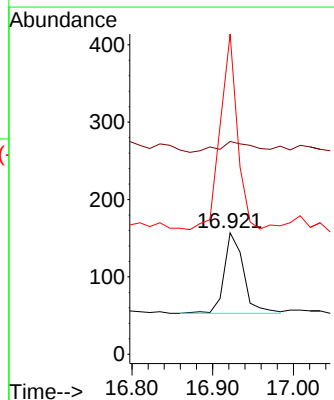
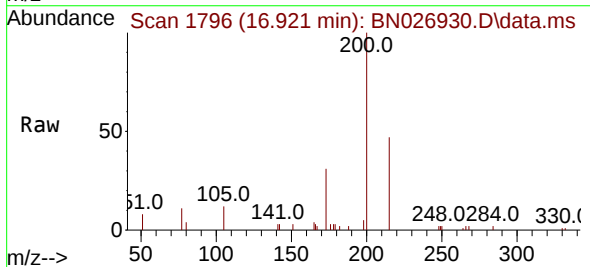
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

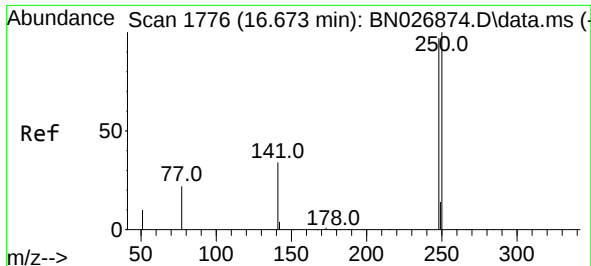
Tgt Ion:188 Resp: 29368  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.8 7.4 11.2



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.376 ng  
RT: 16.921 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

Tgt Ion:198 Resp: 173  
Ion Ratio Lower Upper  
198 100  
51 175.2 143.8 215.8  
105 263.7 273.5 410.3#

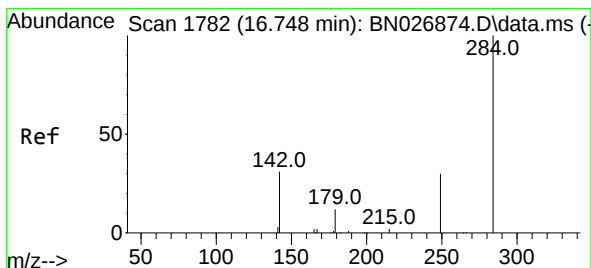
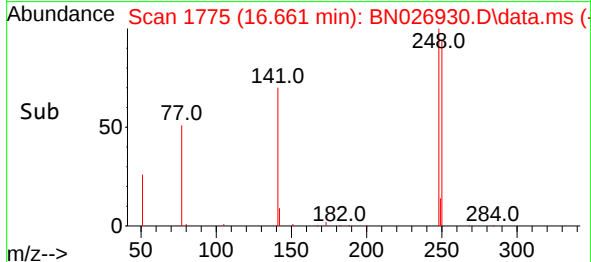
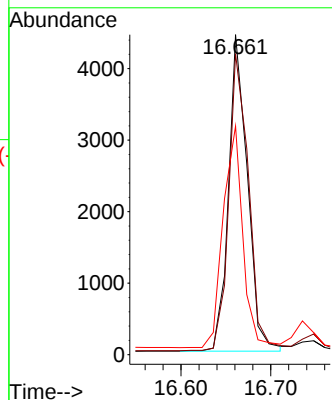
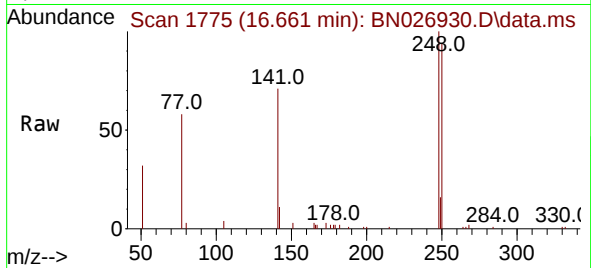




#21  
4-Bromophenyl-phenylether  
Concen: 0.385 ng  
RT: 16.661 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

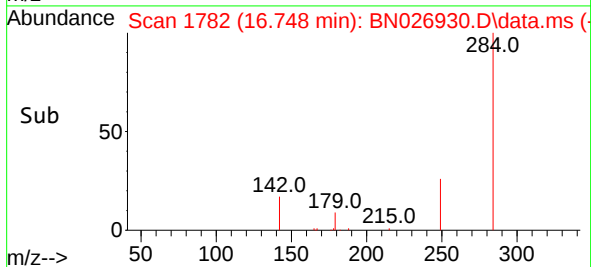
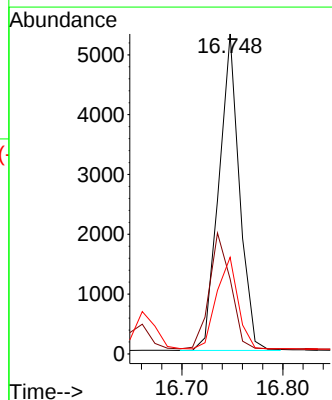
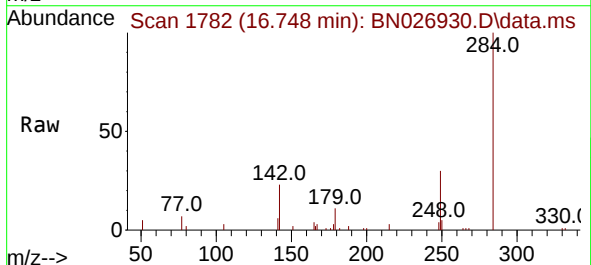
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

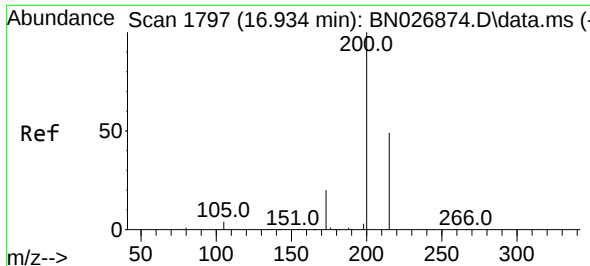
Tgt Ion:248 Resp: 6461  
Ion Ratio Lower Upper  
248 100  
250 94.0 83.0 124.4  
141 71.5 29.9 44.9#



#22  
Hexachlorobenzene  
Concen: 0.419 ng  
RT: 16.748 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

Tgt Ion:284 Resp: 7504  
Ion Ratio Lower Upper  
284 100  
142 37.8 30.0 45.0  
249 30.1 24.4 36.6

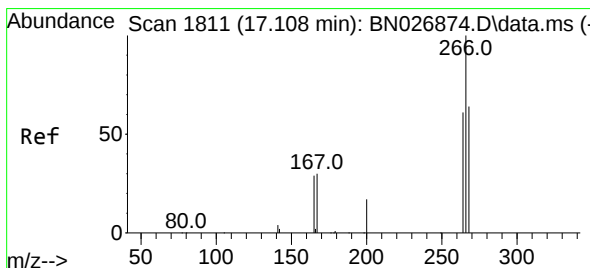
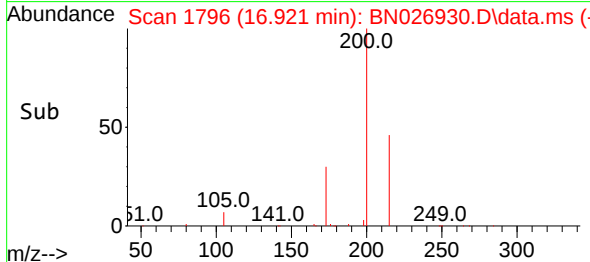
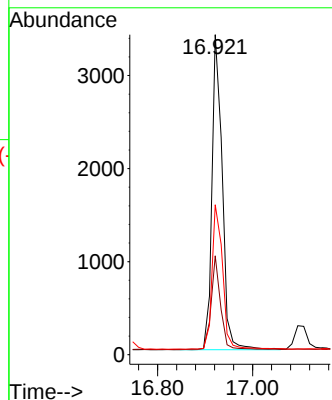
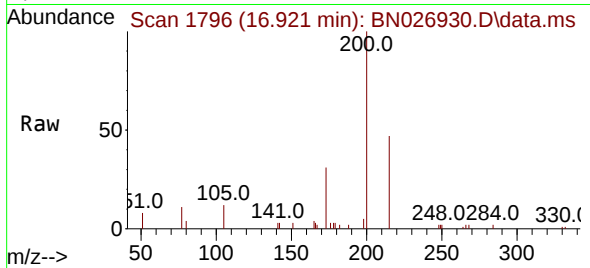




#23  
Atrazine  
Concen: 0.343 ng  
RT: 16.921 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

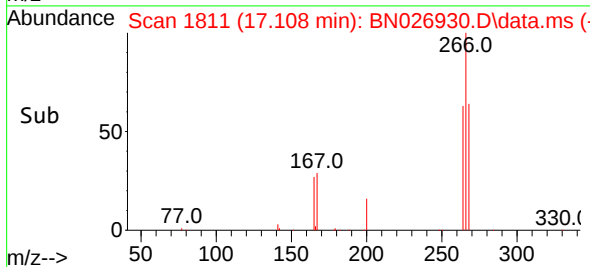
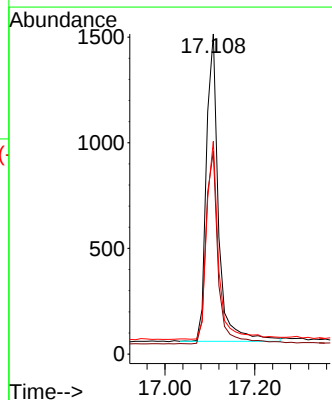
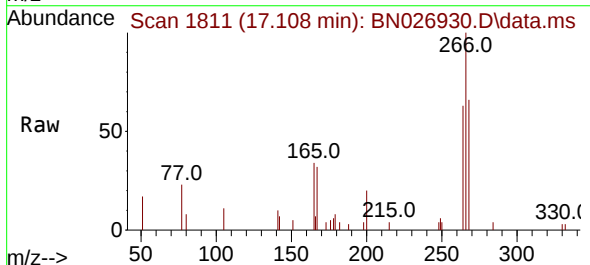
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

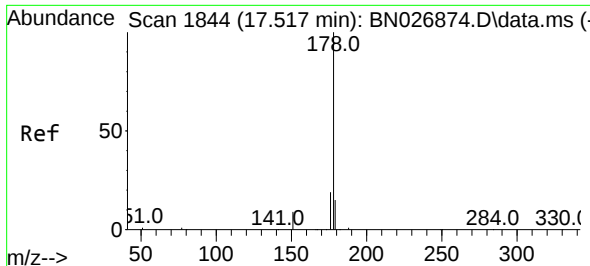
Tgt Ion:200 Resp: 5111  
Ion Ratio Lower Upper  
200 100  
173 30.9 17.1 25.7#  
215 46.9 39.6 59.4



#24  
Pentachlorophenol  
Concen: 0.302 ng  
RT: 17.108 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

Tgt Ion:266 Resp: 2728  
Ion Ratio Lower Upper  
266 100  
264 62.9 49.7 74.5  
268 63.2 49.3 73.9

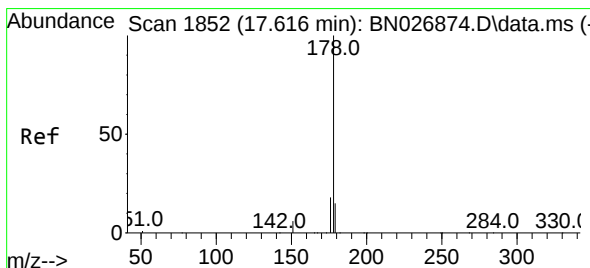
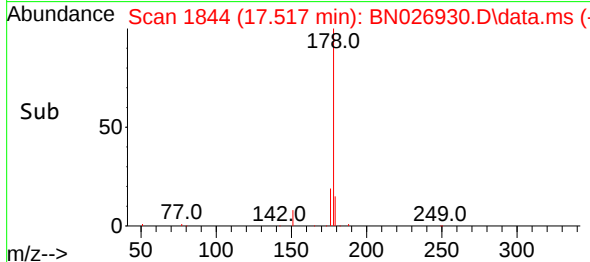
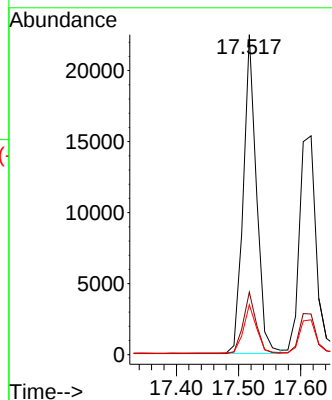
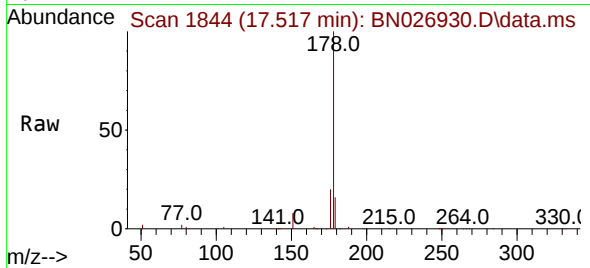




#25  
Phenanthrene  
Concen: 0.391 ng  
RT: 17.517 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

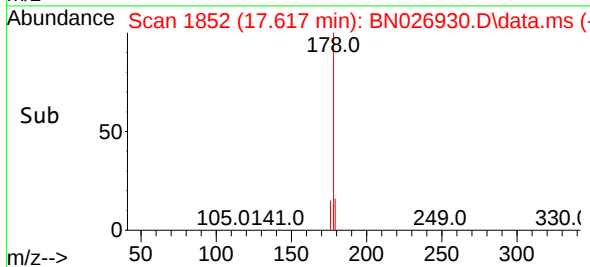
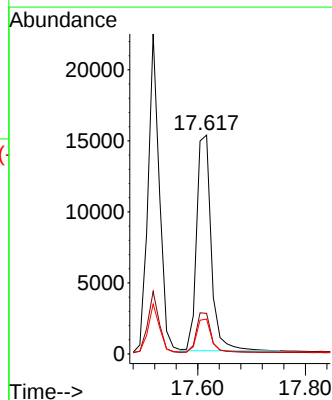
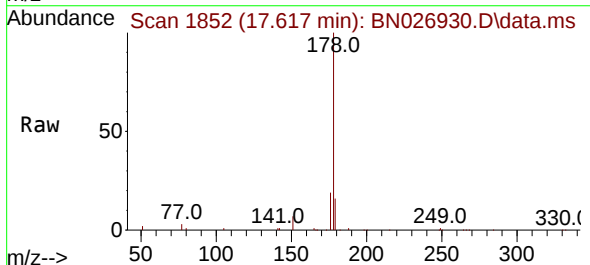
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

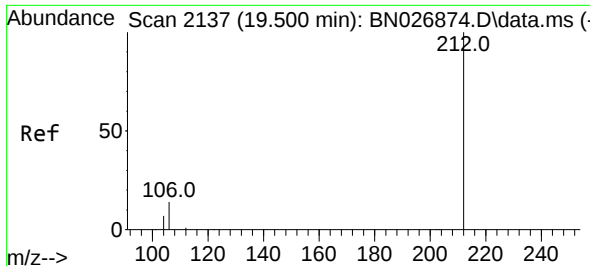
Tgt Ion:178 Resp: 33045  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.3 22.9  
179 15.3 12.2 18.4



#26  
Anthracene  
Concen: 0.365 ng  
RT: 17.617 min Scan# 1852  
Delta R.T. 0.012 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

Tgt Ion:178 Resp: 28720  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.8 22.2  
179 15.3 12.1 18.1

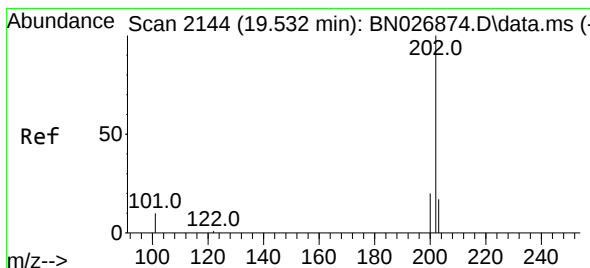
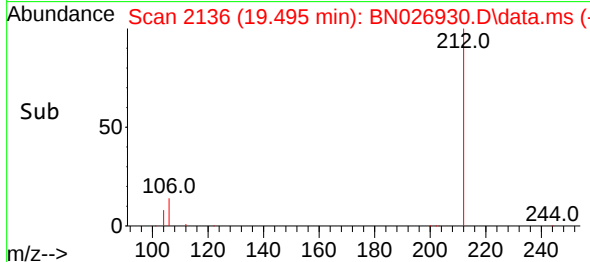
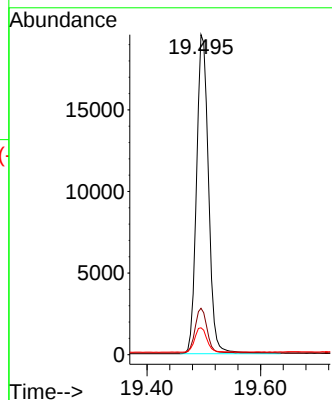
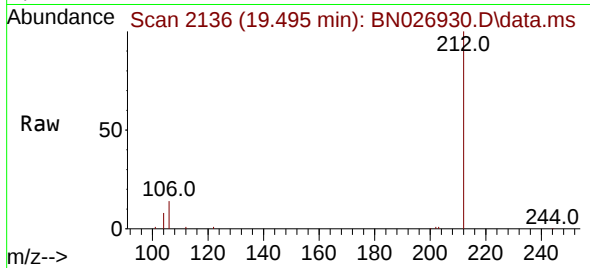




#27  
Fluoranthene-d10  
Concen: 0.381 ng  
RT: 19.495 min Scan# 2136  
Delta R.T. -0.005 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

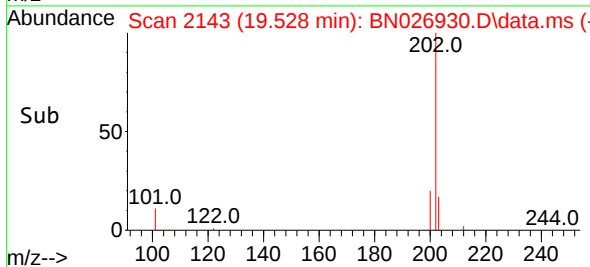
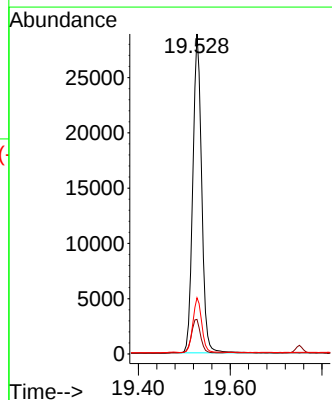
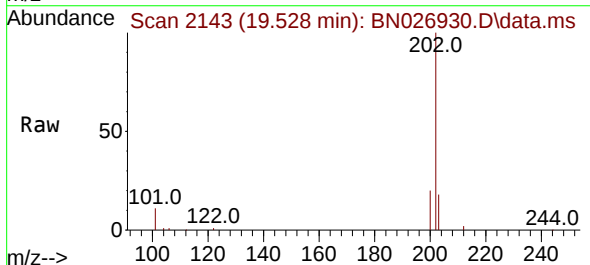
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

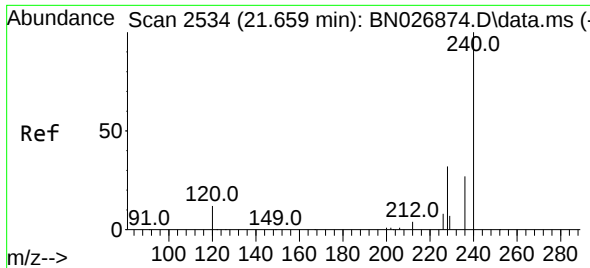
Tgt Ion:212 Resp: 28697  
Ion Ratio Lower Upper  
212 100  
106 14.0 10.9 16.3  
104 7.7 5.9 8.9



#28  
Fluoranthene  
Concen: 0.385 ng  
RT: 19.528 min Scan# 2143  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

Tgt Ion:202 Resp: 38511  
Ion Ratio Lower Upper  
202 100  
101 11.3 8.9 13.3  
203 17.1 13.7 20.5

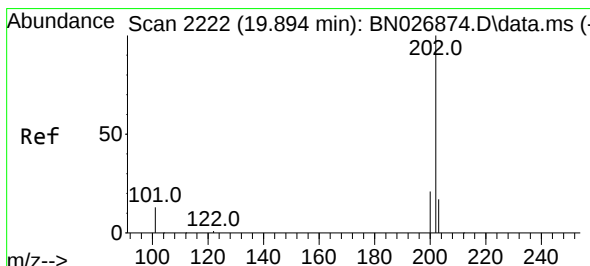
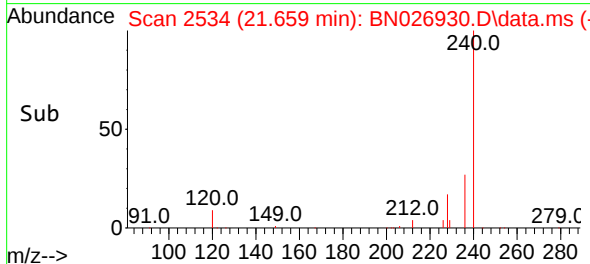
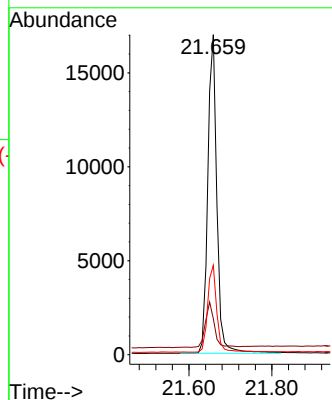
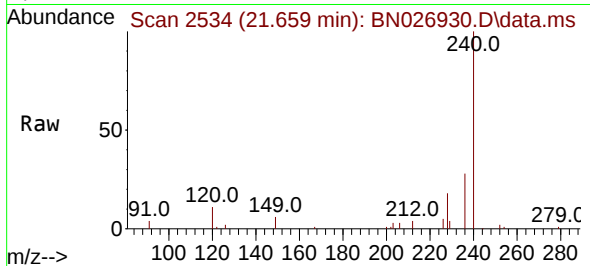




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.659 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

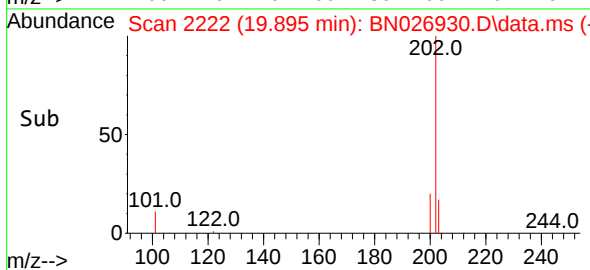
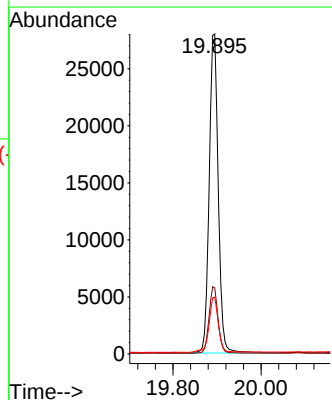
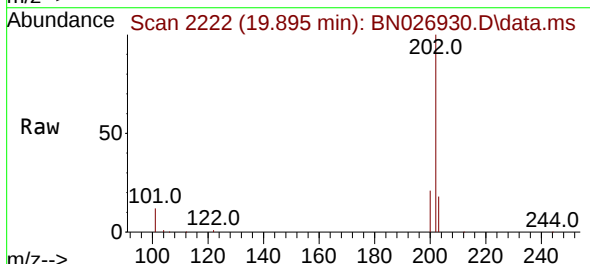
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

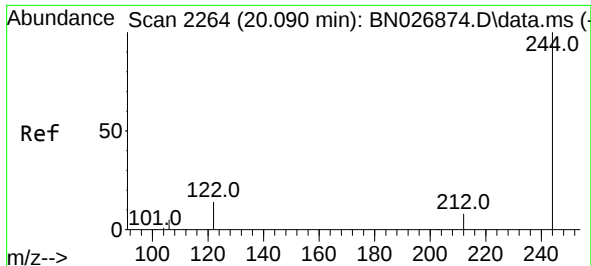
Tgt Ion:240 Resp: 25840  
Ion Ratio Lower Upper  
240 100  
120 11.3 11.1 16.7  
236 27.9 22.2 33.2



#30  
Pyrene  
Concen: 0.401 ng  
RT: 19.895 min Scan# 2222  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

Tgt Ion:202 Resp: 39858  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.6 25.0  
203 17.9 14.4 21.6

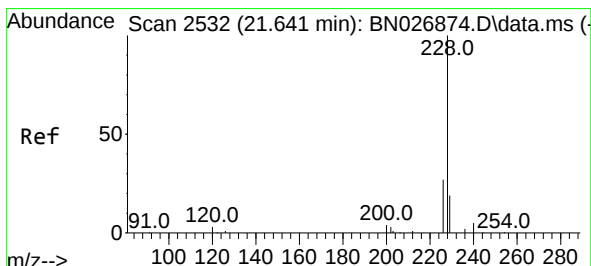
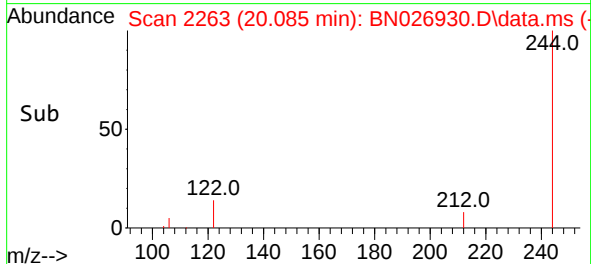
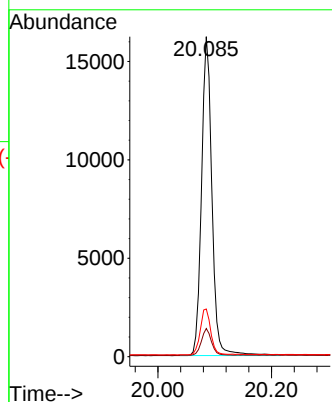
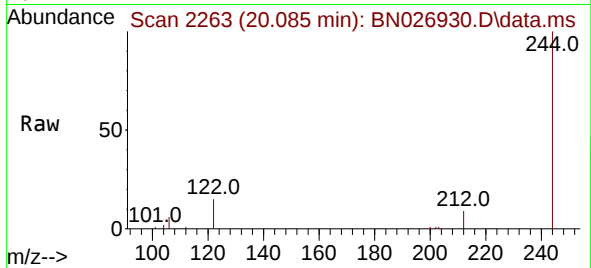




#31  
 Terphenyl-d14  
 Concen: 0.382 ng  
 RT: 20.085 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN026930.D  
 Acq: 16 Aug 2023 13:06

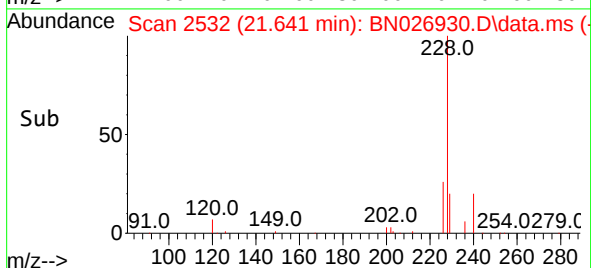
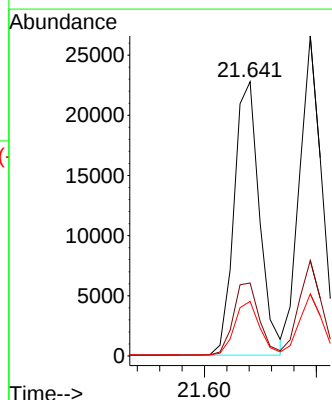
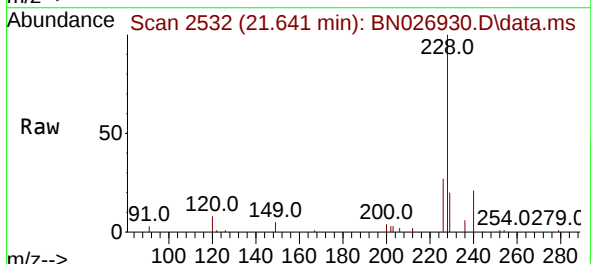
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

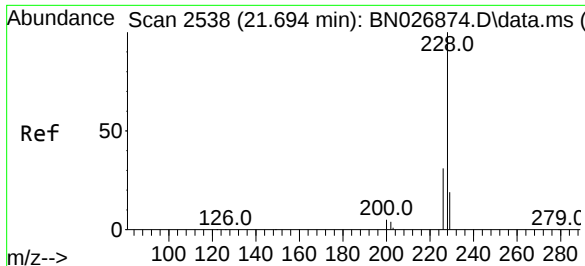
Tgt Ion:244 Resp: 20635  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 6.9 10.3  
 122 14.9 11.9 17.9



#32  
 Benzo(a)anthracene  
 Concen: 0.384 ng  
 RT: 21.641 min Scan# 2532  
 Delta R.T. 0.000 min  
 Lab File: BN026930.D  
 Acq: 16 Aug 2023 13:06

Tgt Ion:228 Resp: 35857  
 Ion Ratio Lower Upper  
 228 100  
 226 26.6 22.1 33.1  
 229 19.9 15.5 23.3





#33

Chrysene

Concen: 0.396 ng

RT: 21.695 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN026930.D

Acq: 16 Aug 2023 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

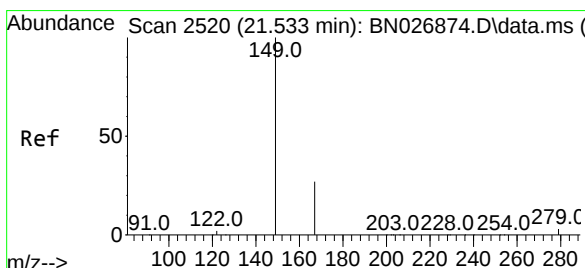
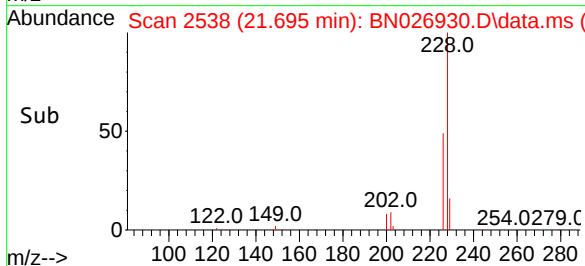
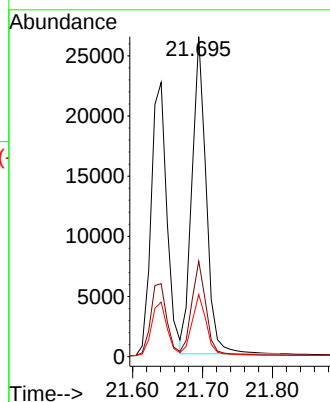
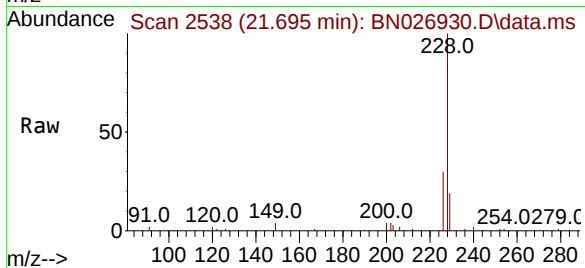
Tgt Ion:228 Resp: 37282

Ion Ratio Lower Upper

228 100

226 29.8 24.6 37.0

229 19.4 15.5 23.3



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.358 ng

RT: 21.524 min Scan# 2519

Delta R.T. 0.000 min

Lab File: BN026930.D

Acq: 16 Aug 2023 13:06

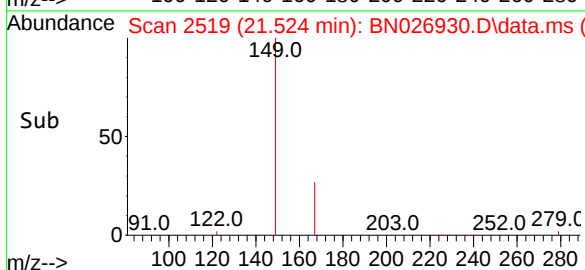
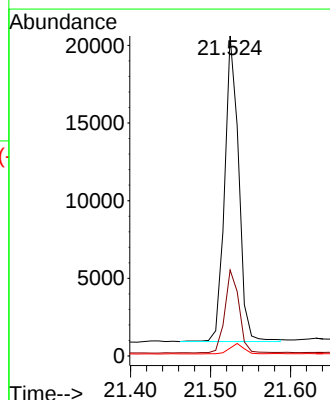
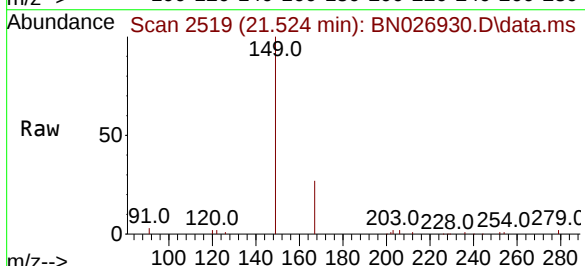
Tgt Ion:149 Resp: 24061

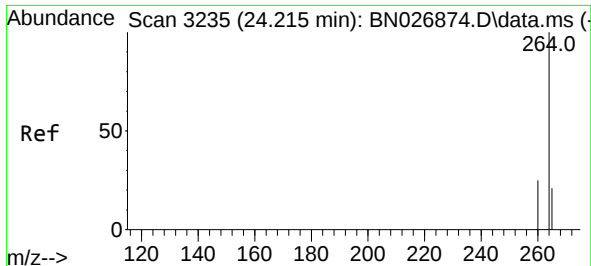
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 3.5 3.6 5.4#

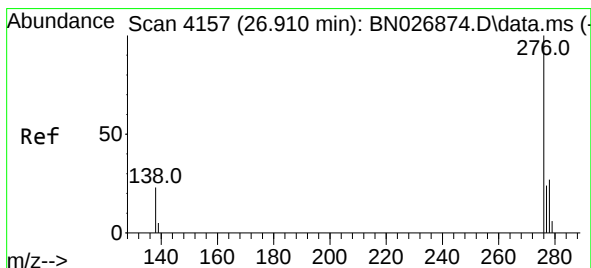
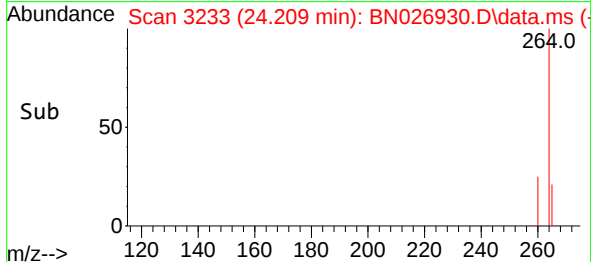
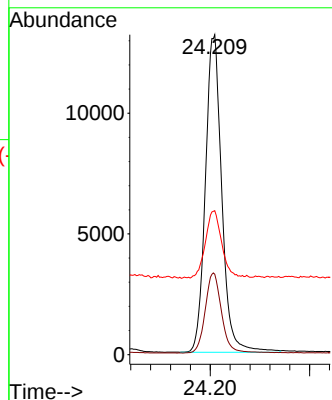
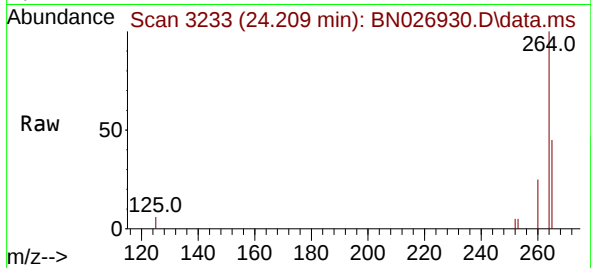




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.209 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

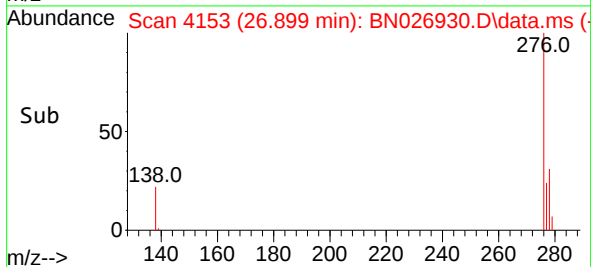
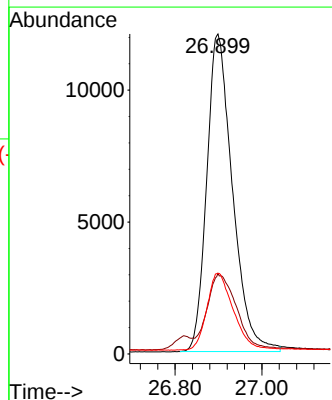
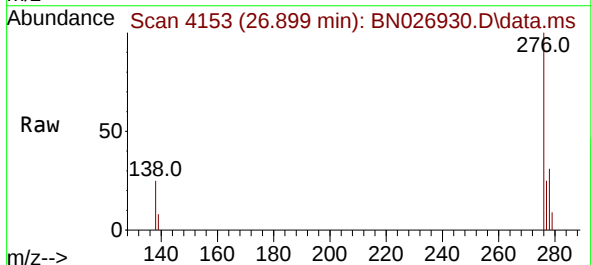
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:264 Resp: 30101  
Ion Ratio Lower Upper  
264 100  
260 25.2 20.4 30.6  
265 45.0 27.0 40.6#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.403 ng  
RT: 26.899 min Scan# 4153  
Delta R.T. 0.003 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

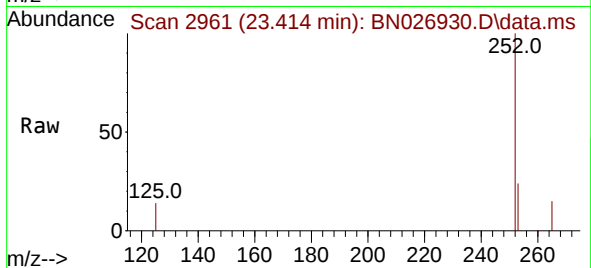
Tgt Ion:276 Resp: 49629  
Ion Ratio Lower Upper  
276 100  
138 25.5 21.1 31.7  
277 24.8 19.9 29.9



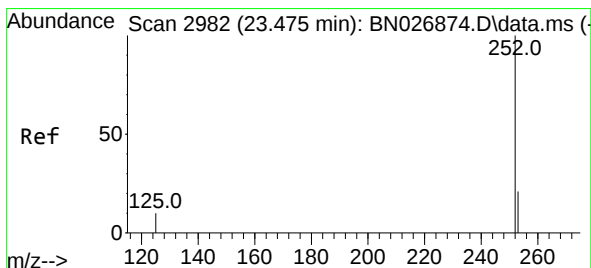
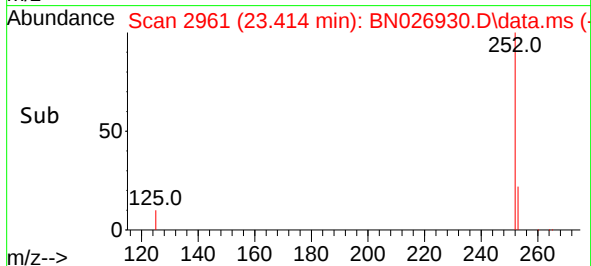
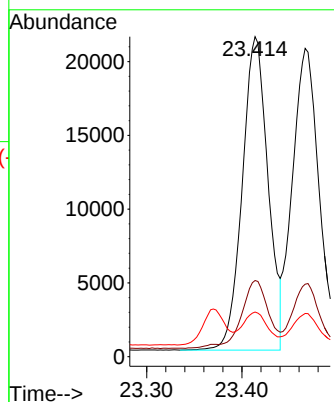


#37  
Benzo(b)fluoranthene  
Concen: 0.396 ng  
RT: 23.414 min Scan# 2961  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

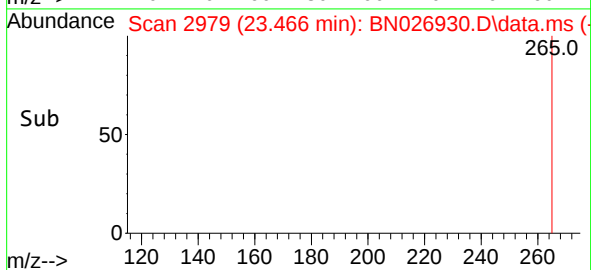
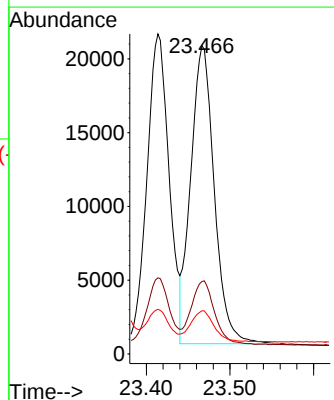
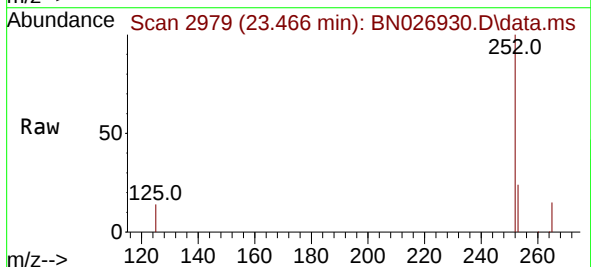


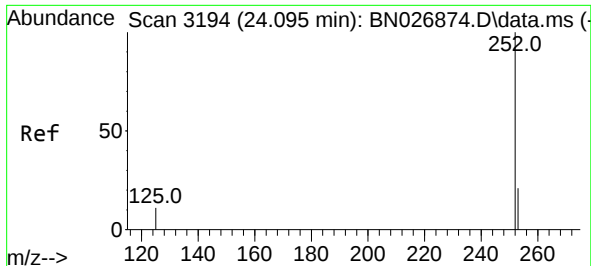
Tgt Ion:252 Resp: 39846  
Ion Ratio Lower Upper  
252 100  
253 23.8 18.4 27.6  
125 13.9 10.2 15.2



#38  
Benzo(k)fluoranthene  
Concen: 0.382 ng  
RT: 23.466 min Scan# 2979  
Delta R.T. 0.000 min  
Lab File: BN026930.D  
Acq: 16 Aug 2023 13:06

Tgt Ion:252 Resp: 39538  
Ion Ratio Lower Upper  
252 100  
253 23.5 18.4 27.6  
125 14.0 10.2 15.2





#39

Benzo(a)pyrene

Concen: 0.392 ng

RT: 24.089 min Scan# 31

Delta R.T. -0.003 min

Lab File: BN026930.D

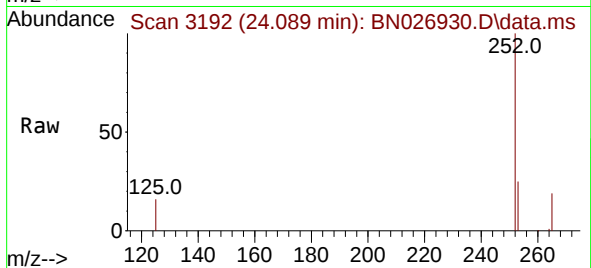
Acq: 16 Aug 2023 13:06

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



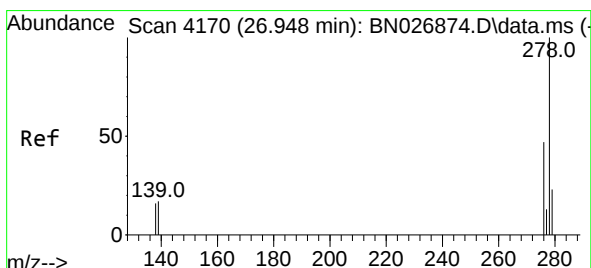
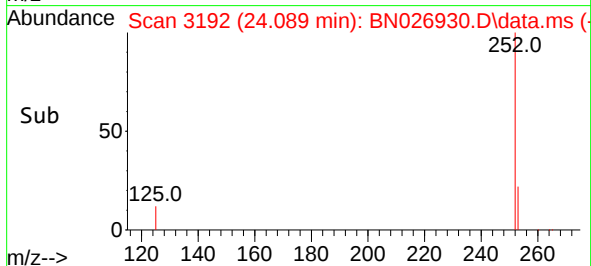
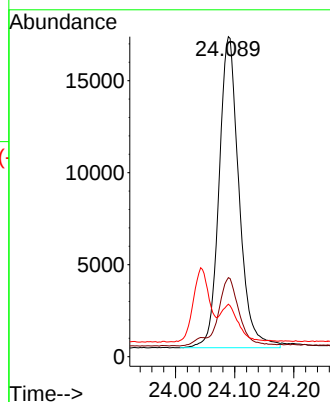
Tgt Ion:252 Resp: 39565

Ion Ratio Lower Upper

252 100

253 24.7 18.6 28.0

125 16.4 11.7 17.5



#40

Dibenzo(a,h)anthracene

Concen: 0.392 ng

RT: 26.934 min Scan# 4165

Delta R.T. 0.000 min

Lab File: BN026930.D

Acq: 16 Aug 2023 13:06

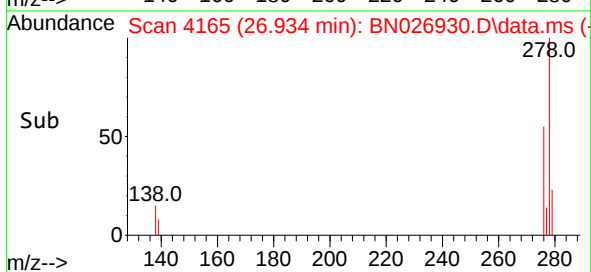
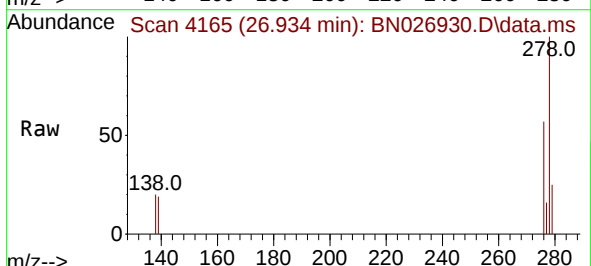
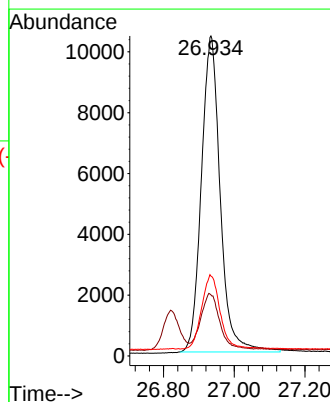
Tgt Ion:278 Resp: 38484

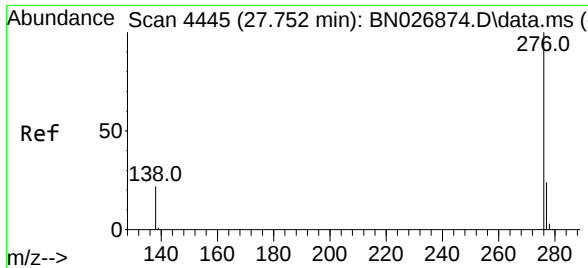
Ion Ratio Lower Upper

278 100

139 19.1 15.3 22.9

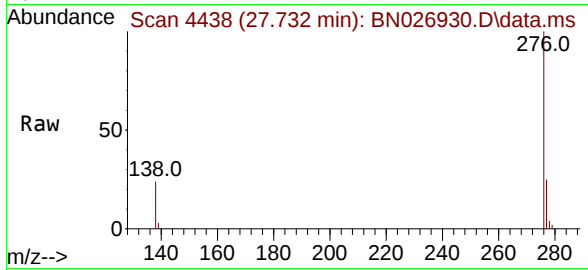
279 25.0 19.9 29.9





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.402 ng  
 RT: 27.732 min Scan# 44  
 Delta R.T. -0.006 min  
 Lab File: BN026930.D  
 Acq: 16 Aug 2023 13:06

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion: 276 Resp: 42490

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.5  | 19.8  | 29.8  |
| 138 | 24.3  | 19.0  | 28.4  |

