

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112322\  
 Data File : BN022850.D  
 Acq On : 23 Nov 2022 17:17  
 Operator : CG/JU  
 Sample : SSTDICCC0.4  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICCC0.4

Quant Time: Nov 24 03:18:47 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 24 03:17:21 2022  
 Response via : Initial Calibration

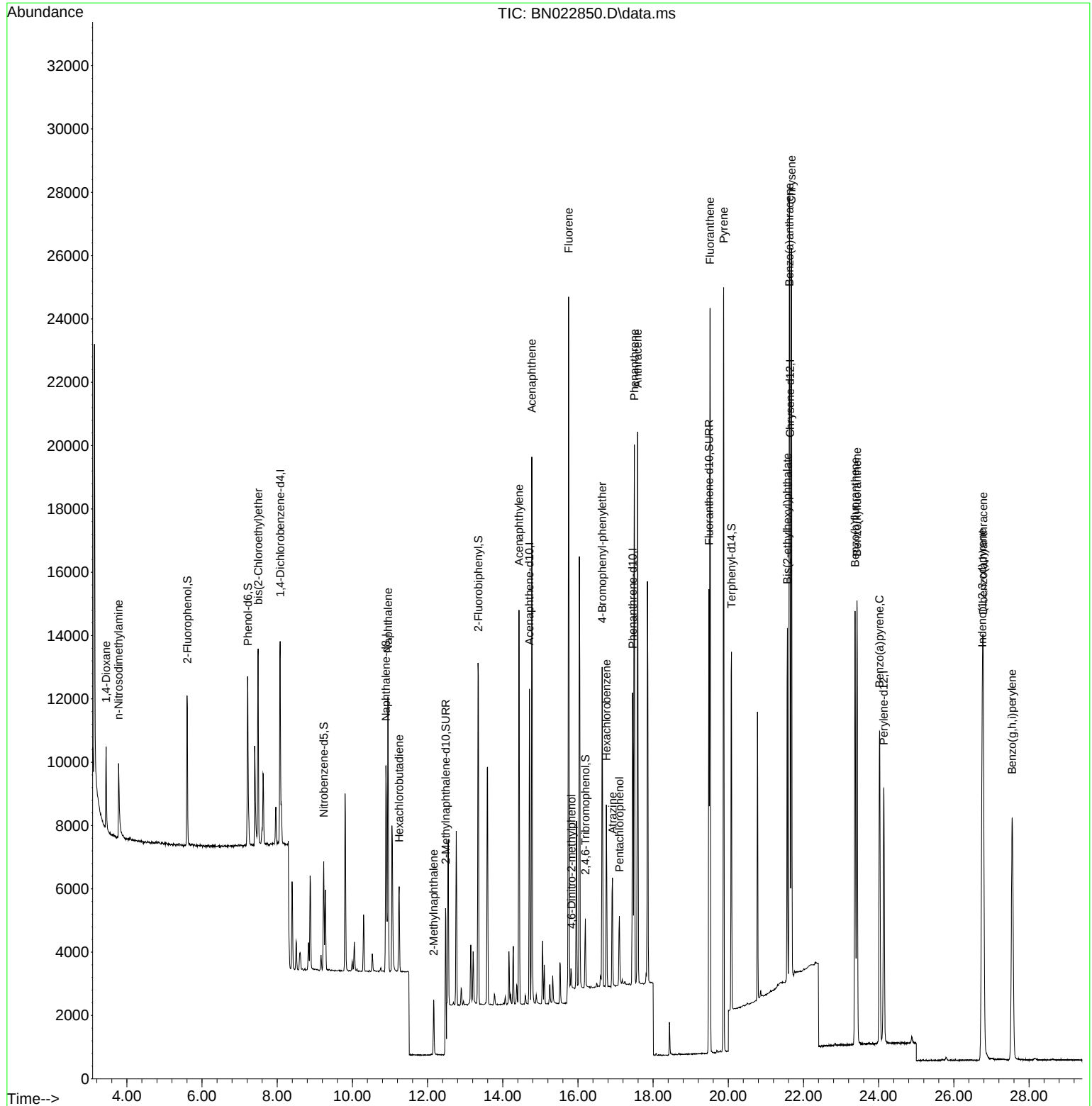
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.078  | 152  | 3024     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.893 | 136  | 8366     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.709 | 164  | 5459     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.452 | 188  | 12436    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.643 | 240  | 10865    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.135 | 264  | 10833    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.608  | 112  | 3738     | 0.401 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.219  | 99   | 4765     | 0.412 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.238  | 82   | 2560     | 0.300 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.480 | 152  | 6732     | 0.485 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.198 | 330  | 1287     | 0.425 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.351 | 172  | 9870     | 0.450 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.486 | 212  | 15239    | 0.422 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.085 | 244  | 10454    | 0.316 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.449  | 88   | 1630     | 0.384 | ng    | 100      |
| 3) n-Nitrosodimethylamine     | 3.781  | 42   | 1777     | 0.364 | ng    | 100      |
| 6) bis(2-Chloroethyl)ether    | 7.493  | 93   | 4629     | 0.466 | ng    | 100      |
| 9) Naphthalene                | 10.947 | 128  | 10782    | 0.313 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.246 | 225  | 2214     | 0.490 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.163 | 142  | 2512     | 0.429 | ng    | 100      |
| 16) Acenaphthylene            | 14.431 | 152  | 12787    | 0.494 | ng    | 100      |
| 17) Acenaphthene              | 14.773 | 154  | 7976     | 0.459 | ng    | 100      |
| 18) Fluorene                  | 15.751 | 166  | 10088    | 0.392 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.826 | 198  | 413      | 0.170 | ng    | 100      |
| 21) 4-Bromophenyl-phenylether | 16.645 | 248  | 3862     | 0.522 | ng    | 100      |
| 22) Hexachlorobenzene         | 16.757 | 284  | 4384     | 0.534 | ng    | 100      |
| 23) Atrazine                  | 16.918 | 200  | 2978     | 0.422 | ng    | 100      |
| 24) Pentachlorophenol         | 17.104 | 266  | 1203     | 0.320 | ng    | 100      |
| 25) Phenanthrene              | 17.501 | 178  | 17758    | 0.412 | ng    | 100      |
| 26) Anthracene                | 17.588 | 178  | 16497    | 0.460 | ng    | 100      |
| 28) Fluoranthene              | 19.515 | 202  | 20092    | 0.443 | ng    | 100      |
| 30) Pyrene                    | 19.878 | 202  | 20544    | 0.452 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.625 | 228  | 18782    | 0.451 | ng    | 100      |
| 33) Chrysene                  | 21.679 | 228  | 18598    | 0.451 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.571 | 149  | 10558    | 0.347 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.755 | 276  | 20836    | 0.451 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.372 | 252  | 18254    | 0.424 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 23.425 | 252  | 18828    | 0.431 | ng    | 100      |
| 39) Benzo(a)pyrene            | 24.024 | 252  | 15155    | 0.430 | ng    | 100      |
| 40) Dibenzo(a,h)anthracene    | 26.781 | 278  | 16273    | 0.440 | ng    | 100      |
| 41) Benzo(g,h,i)perylene      | 27.550 | 276  | 17466    | 0.456 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

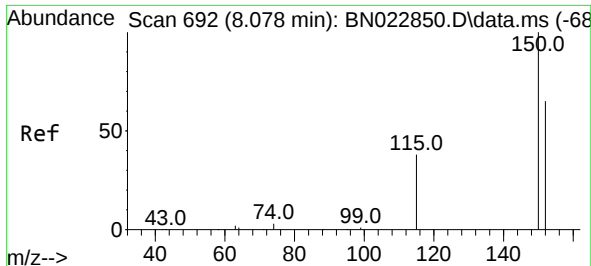
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 24 03:17:21 2022  
Response via : Initial Calibration

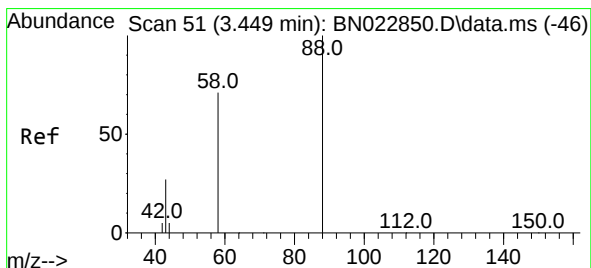
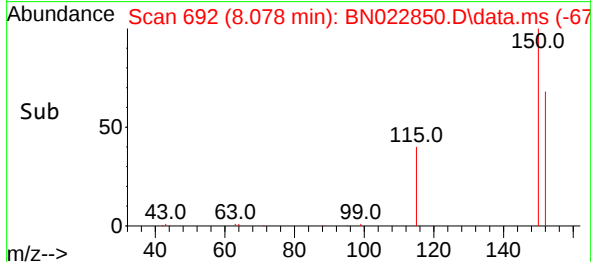
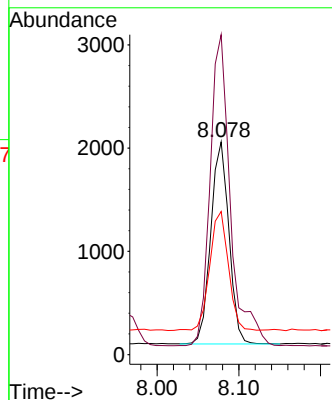
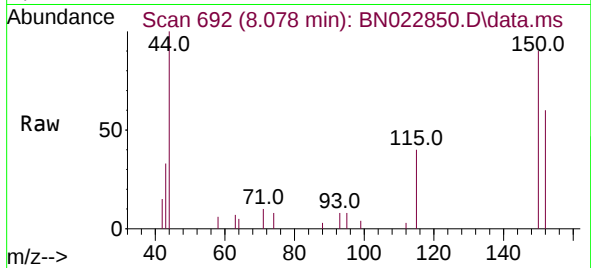




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.078 min Scan# 692  
 Delta R.T. 0.000 min  
 Lab File: BN022850.D  
 Acq: 23 Nov 2022 17:17

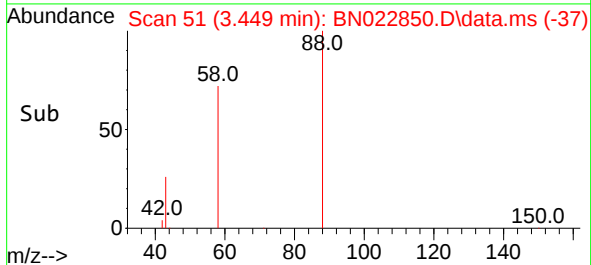
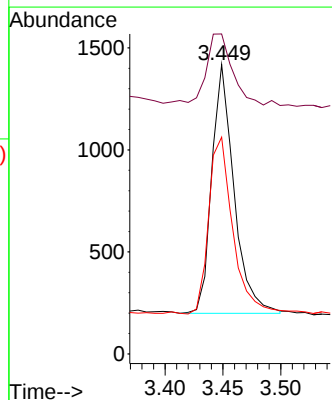
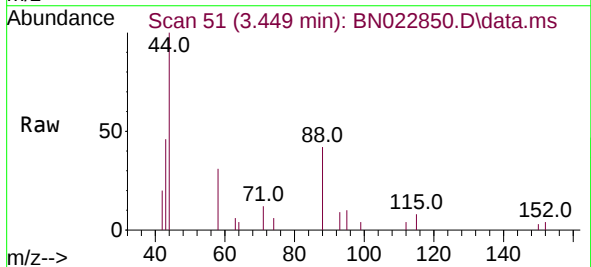
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICCC0.4

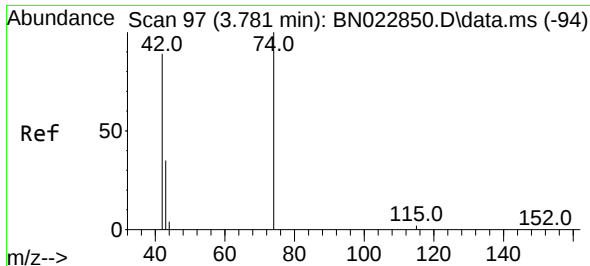
Tgt Ion:152 Resp: 3024  
 Ion Ratio Lower Upper  
 152 100  
 150 150.5 120.4 180.6  
 115 67.3 53.8 80.8



#2  
 1,4-Dioxane  
 Concen: 0.384 ng  
 RT: 3.449 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: BN022850.D  
 Acq: 23 Nov 2022 17:17

Tgt Ion: 88 Resp: 1630  
 Ion Ratio Lower Upper  
 88 100  
 43 34.8 27.8 41.8  
 58 76.4 61.1 91.7

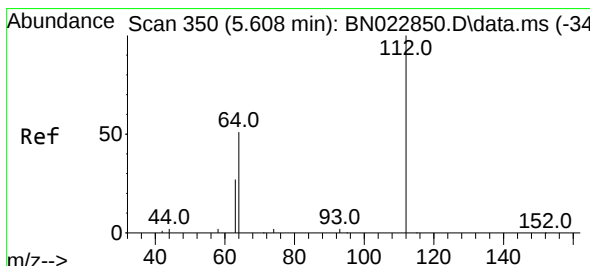
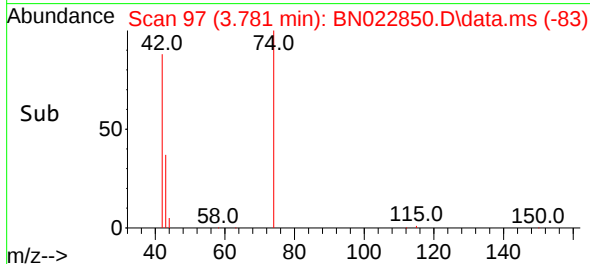
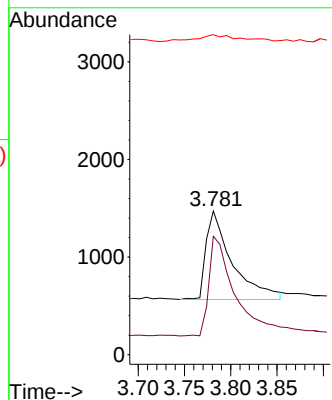
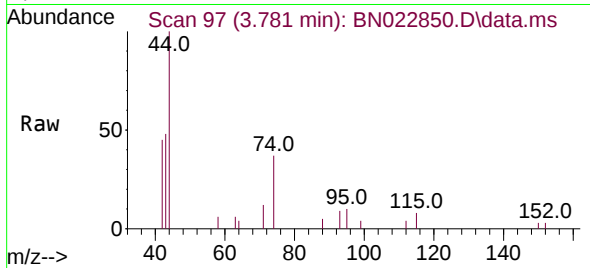




#3  
n-Nitrosodimethylamine  
Concen: 0.364 ng  
RT: 3.781 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

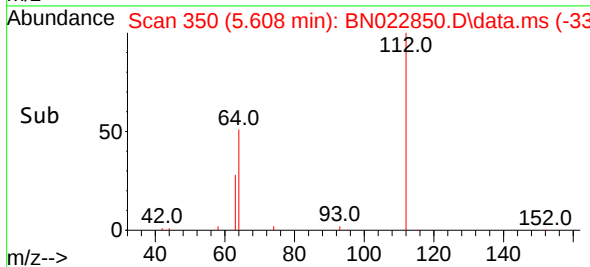
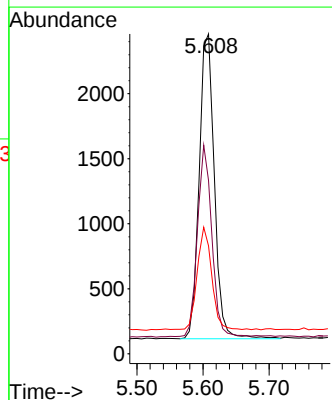
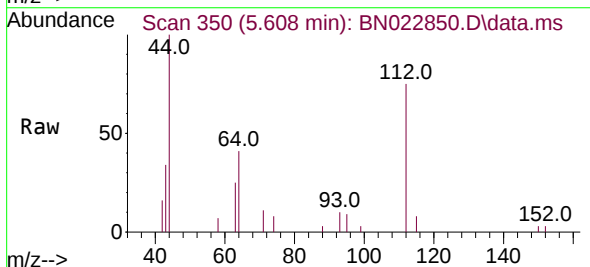
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

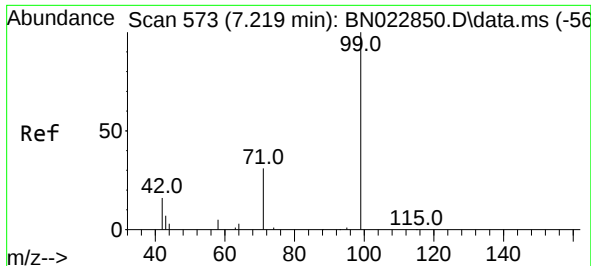
Tgt Ion: 42 Resp: 1777  
Ion Ratio Lower Upper  
42 100  
74 112.4 89.9 134.9  
44 13.1 10.5 15.7



#4  
2-Fluorophenol  
Concen: 0.401 ng  
RT: 5.608 min Scan# 350  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

Tgt Ion: 112 Resp: 3738  
Ion Ratio Lower Upper  
112 100  
64 59.9 47.9 71.9  
63 31.4 25.1 37.7

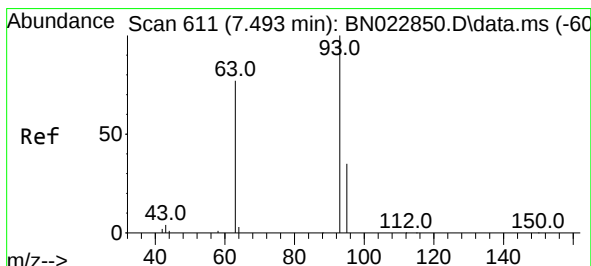
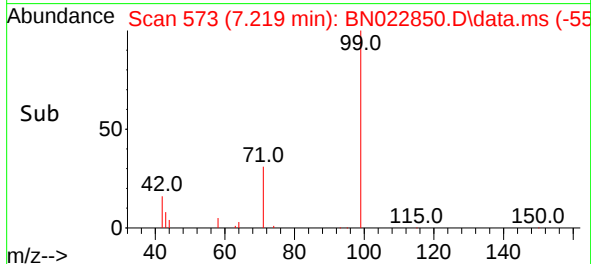
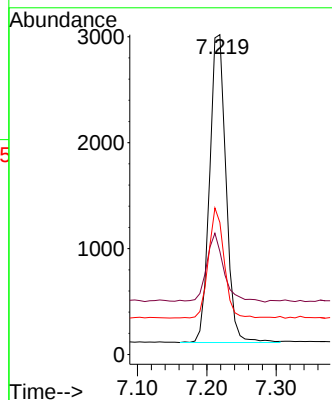
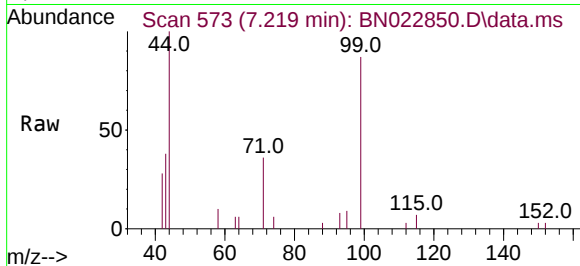




#5  
Phenol-d6  
Concen: 0.412 ng  
RT: 7.219 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

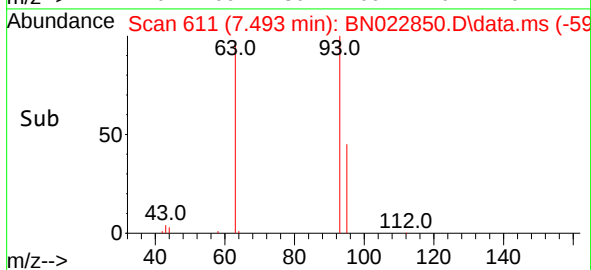
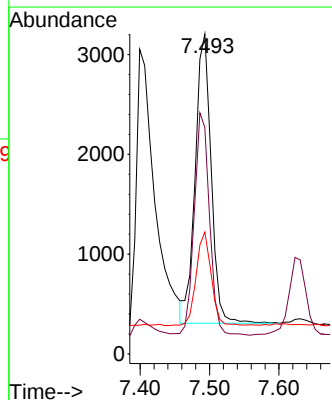
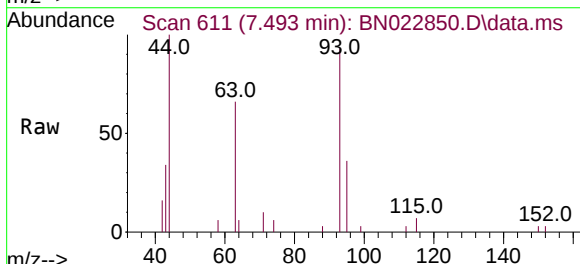
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

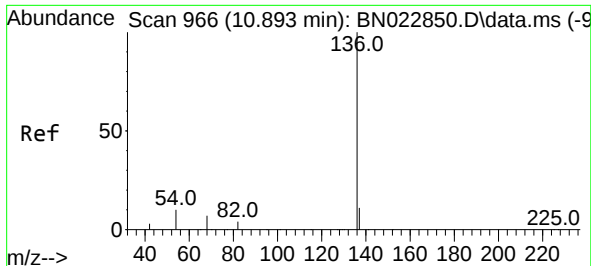
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 4765  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 23.8  | 19.0  | 28.6  |
| 71       | 34.2  | 27.4  | 41.0  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.466 ng  
RT: 7.493 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 4629  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 73.8  | 59.0  | 88.6  |
| 95       | 30.4  | 24.3  | 36.5  |

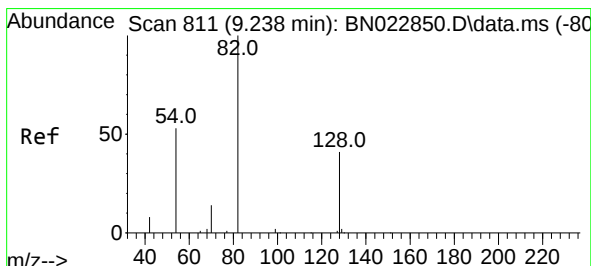
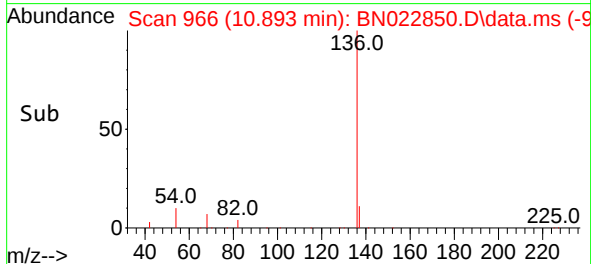
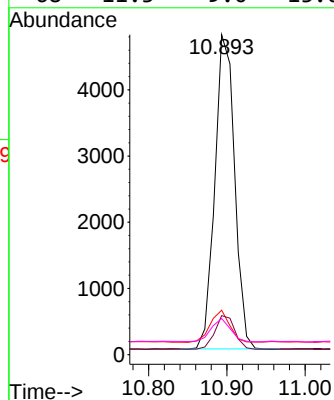
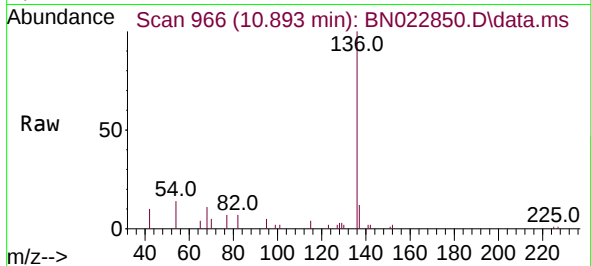




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.893 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

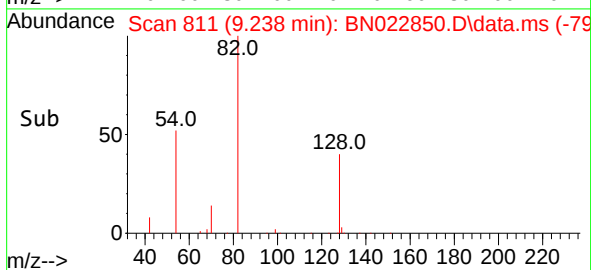
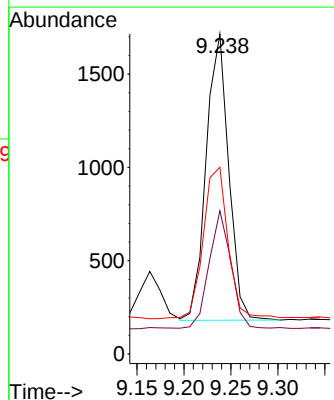
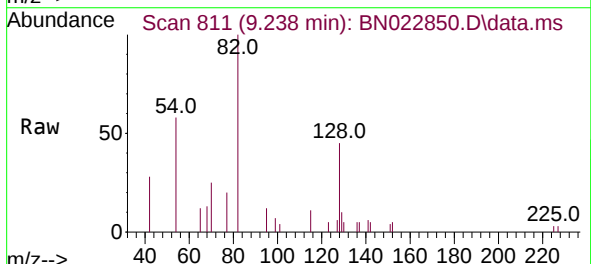
Instrument :  
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ClientSampleId :  
SSTDICCC0.4

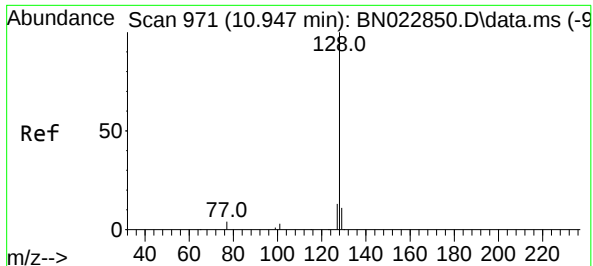
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 8366  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.2  | 9.8   | 14.6  |
| 54       | 13.9  | 11.1  | 16.7  |
| 68       | 11.3  | 9.0   | 13.6  |



#8  
Nitrobenzene-d5  
Concen: 0.300 ng  
RT: 9.238 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2560  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.8  | 35.8  | 53.8  |
| 54       | 58.3  | 46.6  | 70.0  |

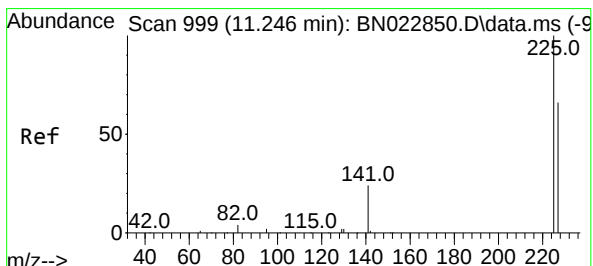
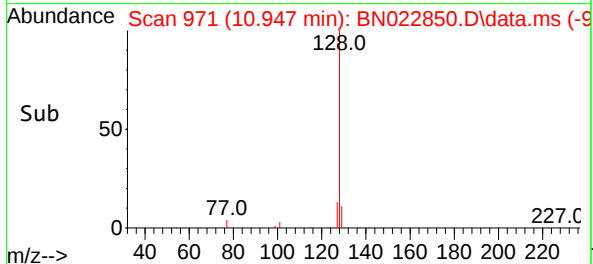
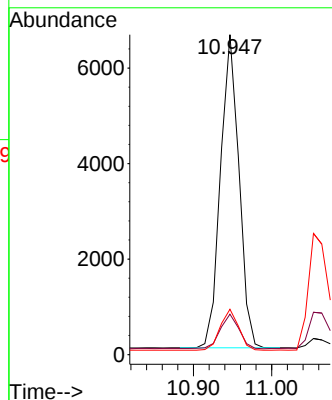
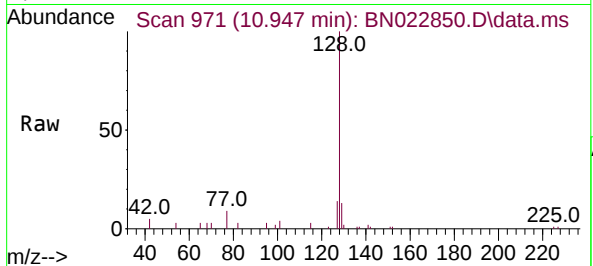




#9  
Naphthalene  
Concen: 0.313 ng  
RT: 10.947 min Scan# 971  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

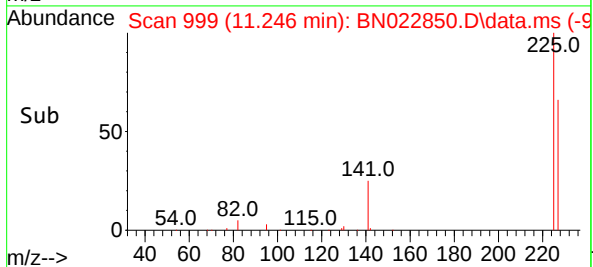
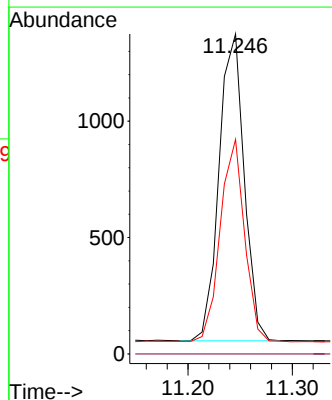
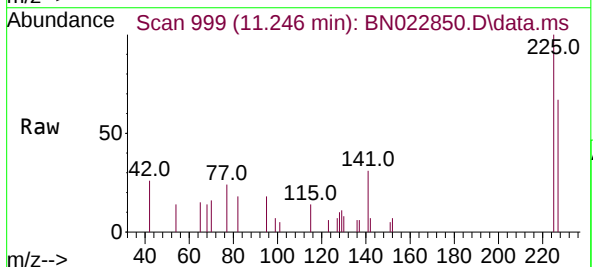
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

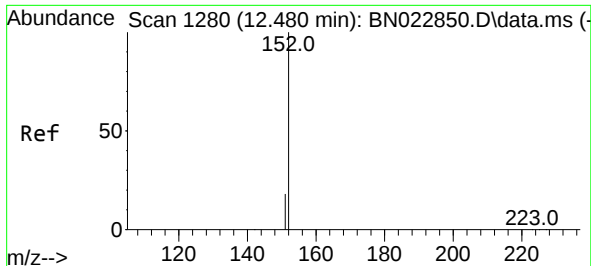
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 10782 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 12.6  | 10.1  | 15.1  |
| 127      | 14.2  | 11.4  | 17.0  |



#10  
Hexachlorobutadiene  
Concen: 0.490 ng  
RT: 11.246 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 2214  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.6  | 50.9  | 76.3  |

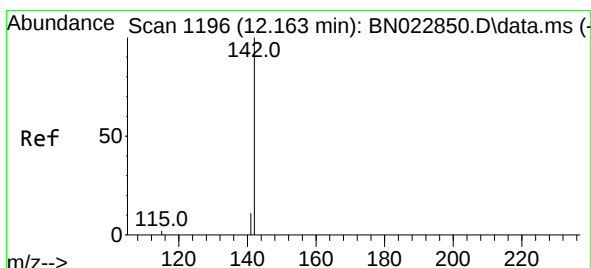
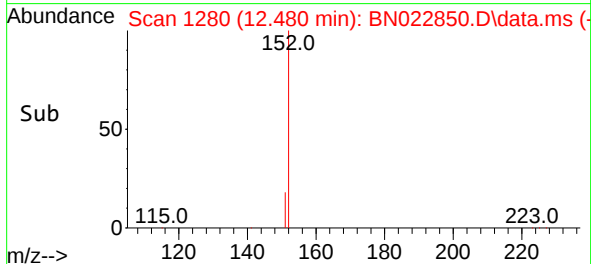
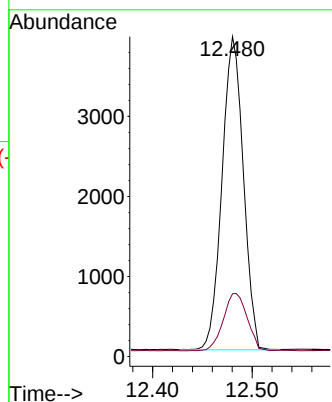
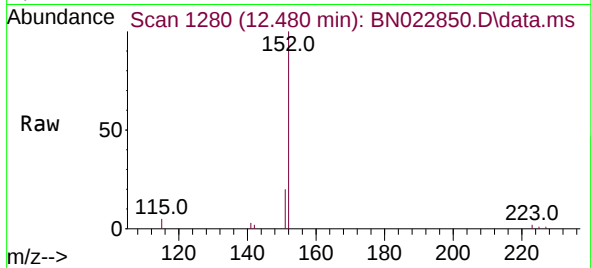




#11  
2-Methylnaphthalene-d10  
Concen: 0.485 ng  
RT: 12.480 min Scan# 1196  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

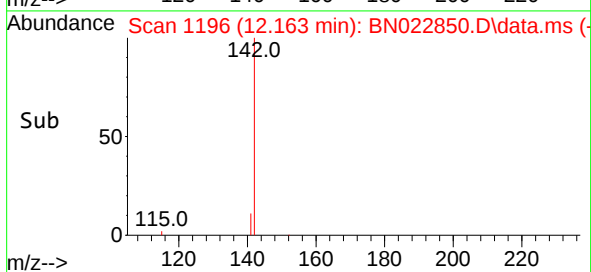
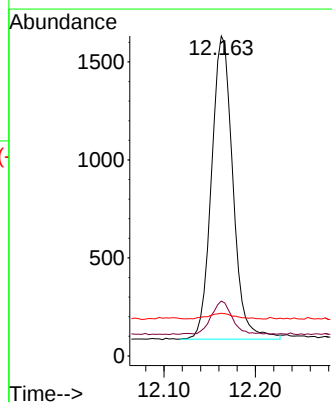
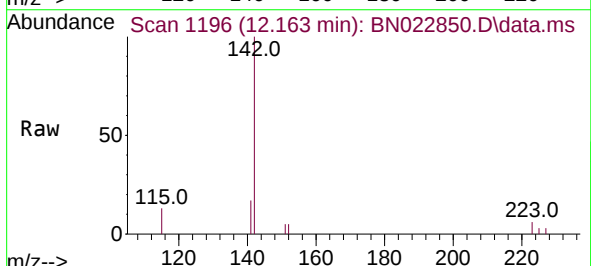
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BNA\_N  
ClientSampleId :  
SSTDICCC0.4

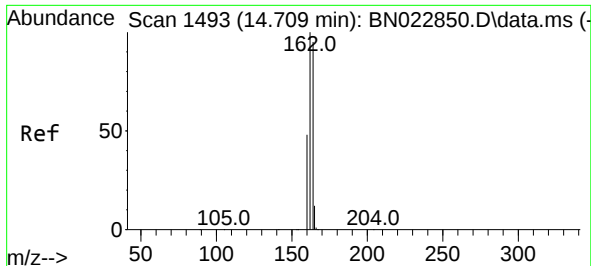
Tgt Ion:152 Resp: 6732  
Ion Ratio Lower Upper  
152 100  
151 23.2 18.6 27.8



#12  
2-Methylnaphthalene  
Concen: 0.429 ng  
RT: 12.163 min Scan# 1196  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

Tgt Ion:142 Resp: 2512  
Ion Ratio Lower Upper  
142 100  
141 17.1 13.7 20.5  
115 13.3 10.6 16.0

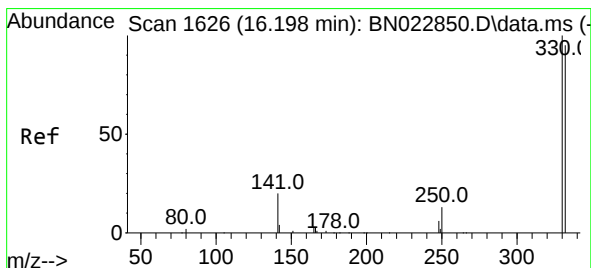
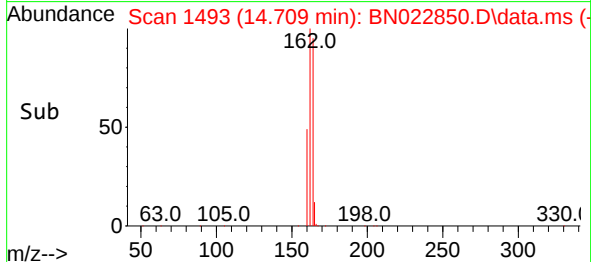
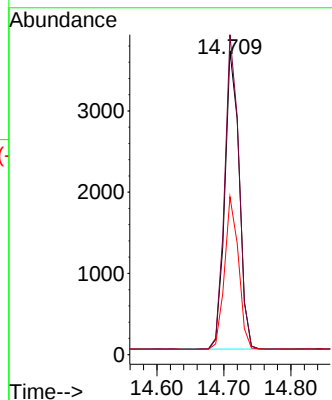
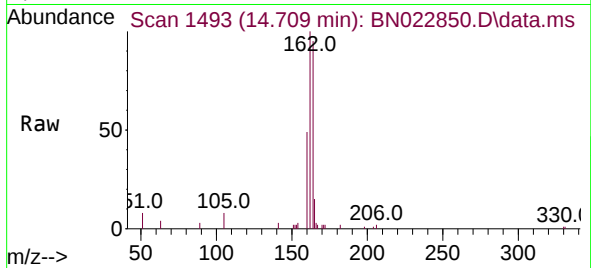




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.709 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

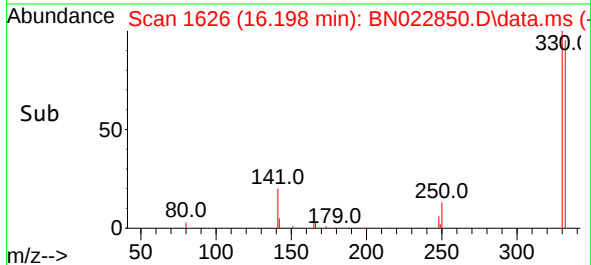
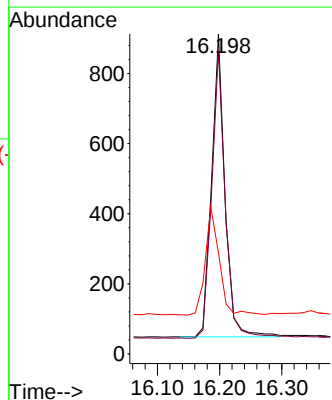
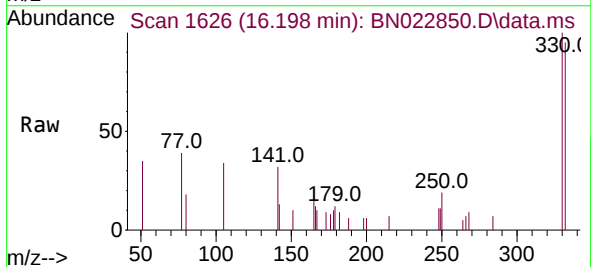
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

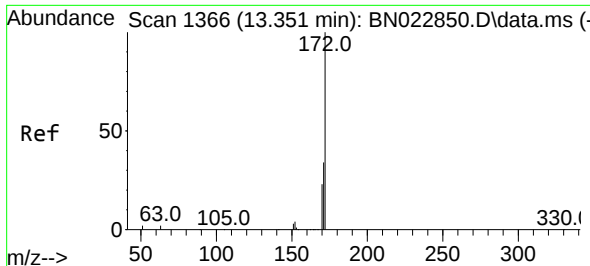
Tgt Ion:164 Resp: 5459  
Ion Ratio Lower Upper  
164 100  
162 105.3 84.2 126.4  
160 52.0 41.6 62.4



#14  
2,4,6-Tribromophenol  
Concen: 0.425 ng  
RT: 16.198 min Scan# 1626  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

Tgt Ion:330 Resp: 1287  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.4 116.2  
141 36.6 29.3 43.9

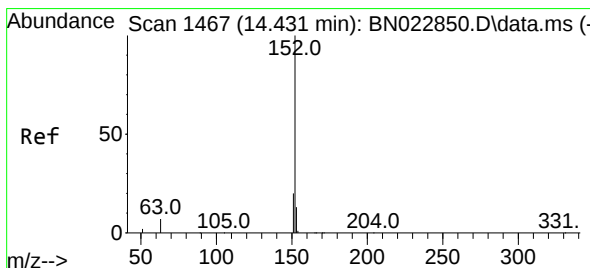
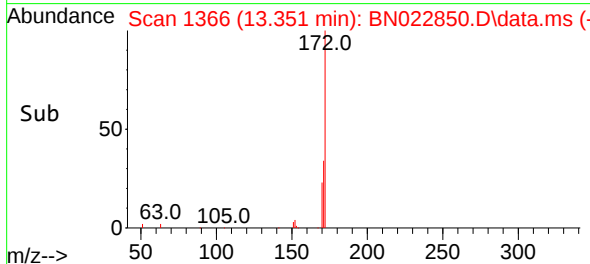
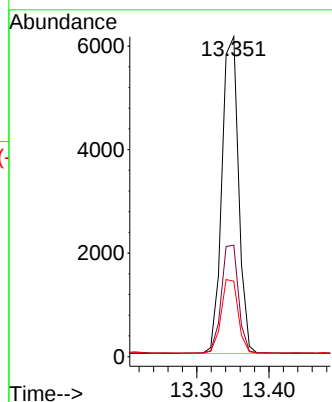
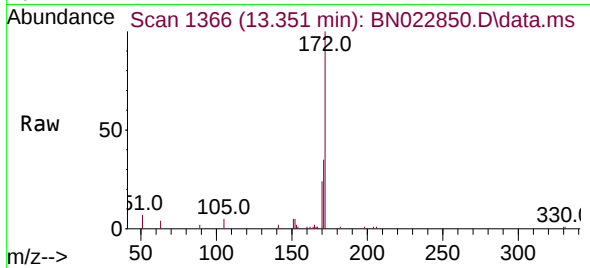




#15  
2-Fluorobiphenyl  
Concen: 0.450 ng  
RT: 13.351 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

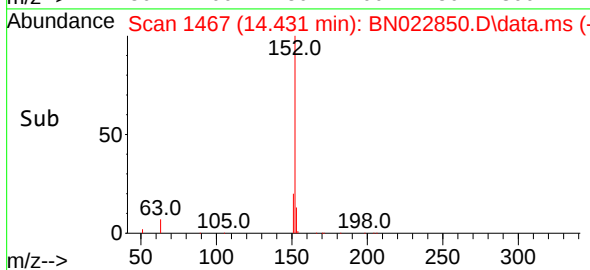
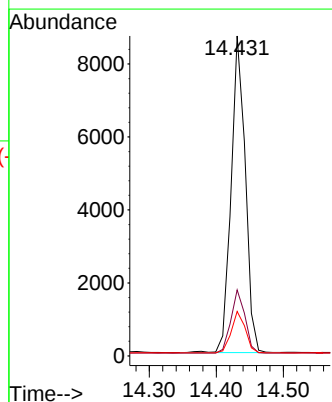
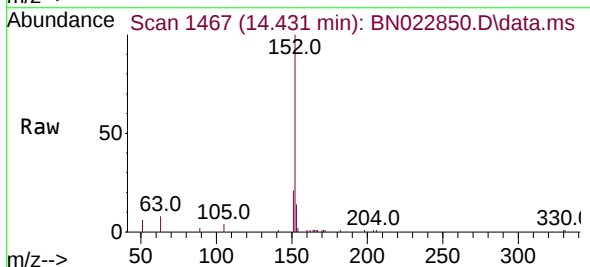
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

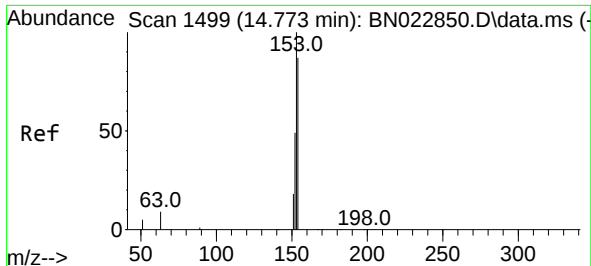
Tgt Ion:172 Resp: 9870  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.8 41.8  
170 23.6 18.9 28.3



#16  
Acenaphthylene  
Concen: 0.494 ng  
RT: 14.431 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

Tgt Ion:152 Resp: 12787  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.9 23.9  
153 13.0 10.4 15.6

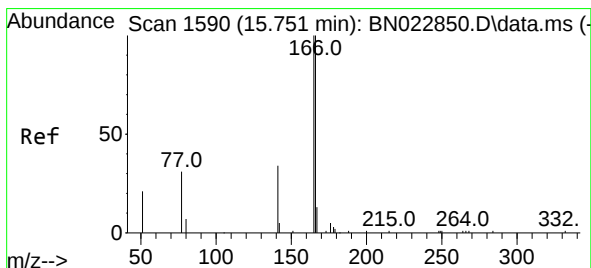
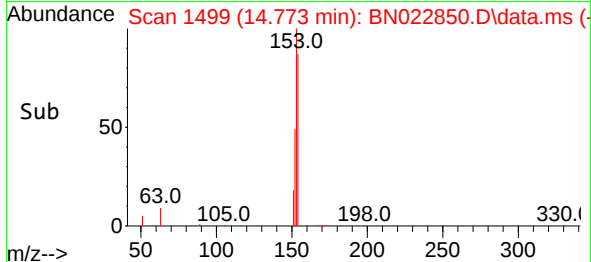
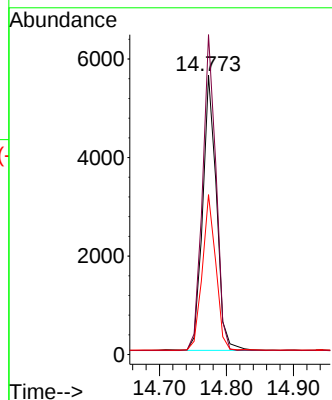
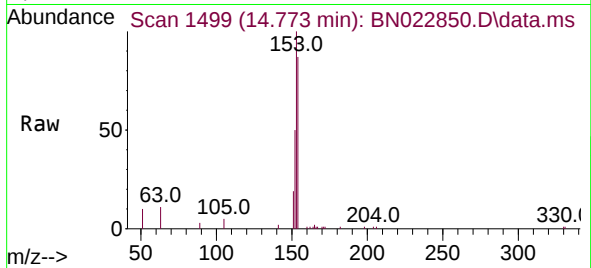




#17  
Acenaphthene  
Concen: 0.459 ng  
RT: 14.773 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

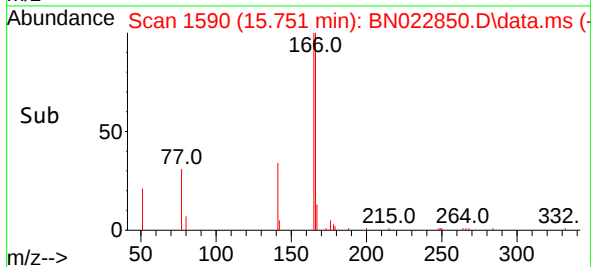
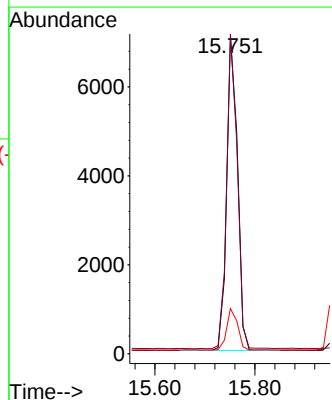
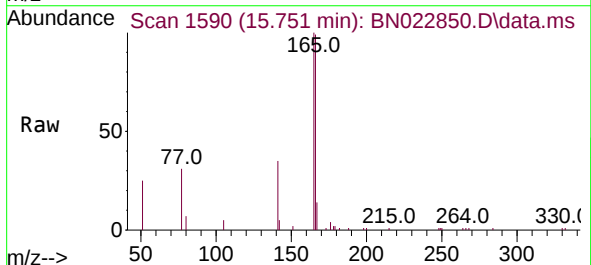
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

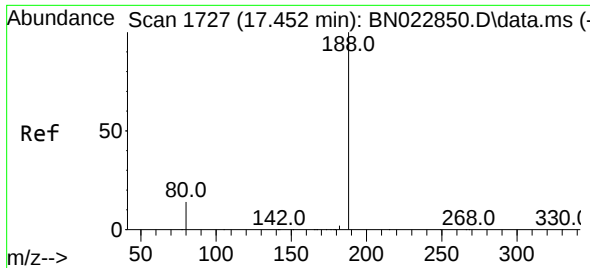
Tgt Ion:154 Resp: 7976  
Ion Ratio Lower Upper  
154 100  
153 112.0 89.6 134.4  
152 55.4 44.3 66.5



#18  
Fluorene  
Concen: 0.392 ng  
RT: 15.751 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

Tgt Ion:166 Resp: 10088  
Ion Ratio Lower Upper  
166 100  
165 99.9 79.9 119.9  
167 14.1 11.3 16.9

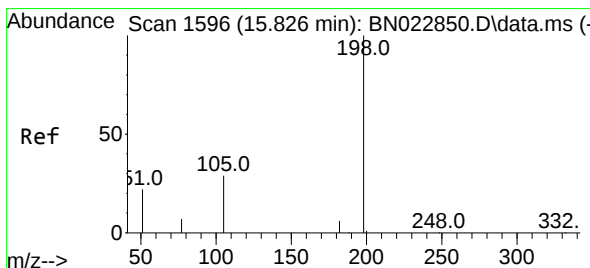
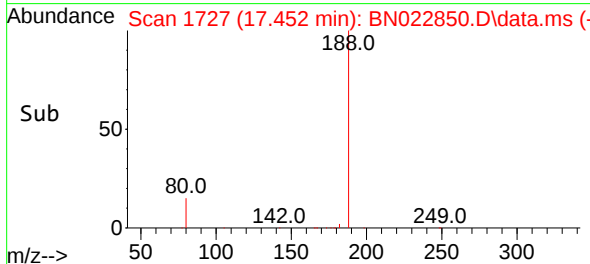
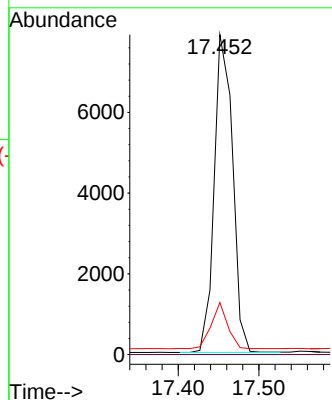
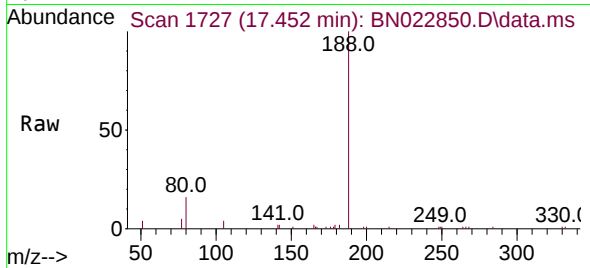




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.452 min Scan# 1727  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

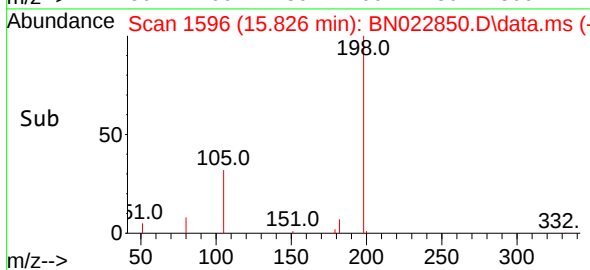
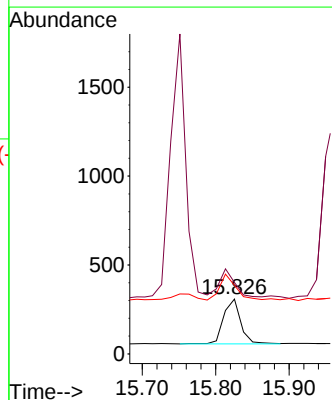
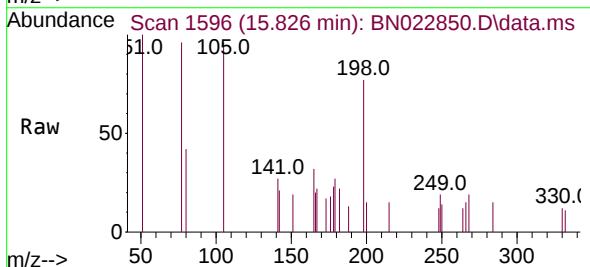
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

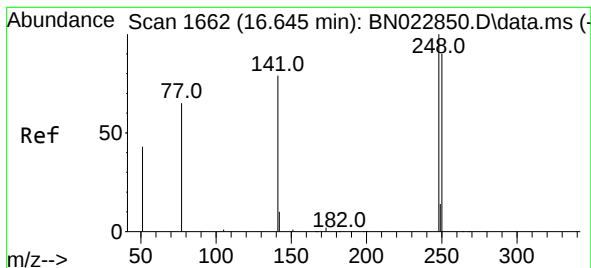
Tgt Ion:188 Resp: 12436  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 16.3 13.0 19.6



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.170 ng  
RT: 15.826 min Scan# 1596  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

Tgt Ion:198 Resp: 413  
Ion Ratio Lower Upper  
198 100  
51 130.5 104.4 156.6  
105 125.3 100.2 150.4

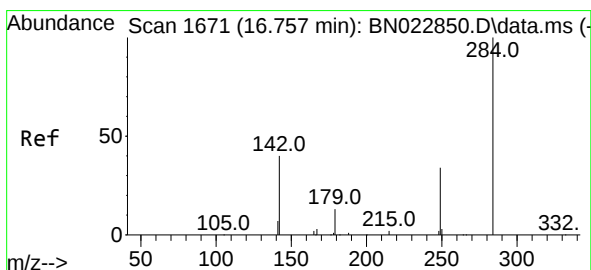
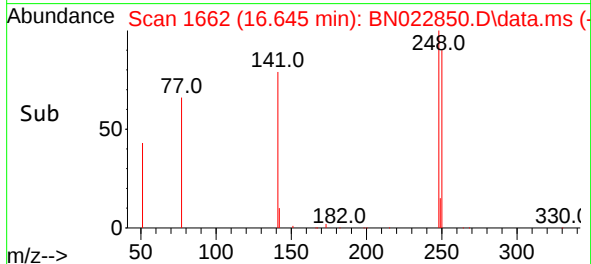
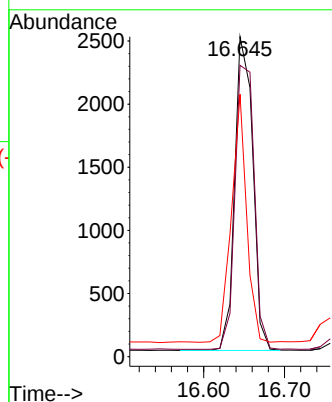
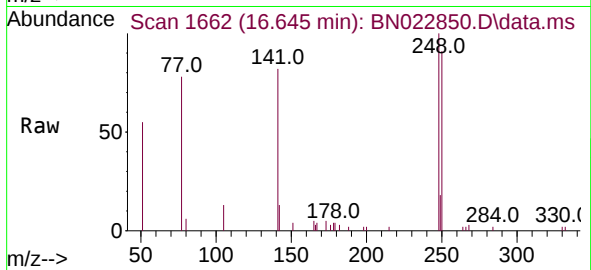




#21  
4-Bromophenyl-phenylether  
Concen: 0.522 ng  
RT: 16.645 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

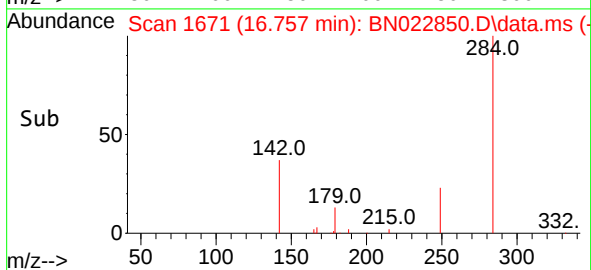
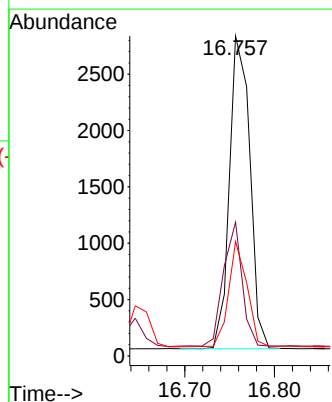
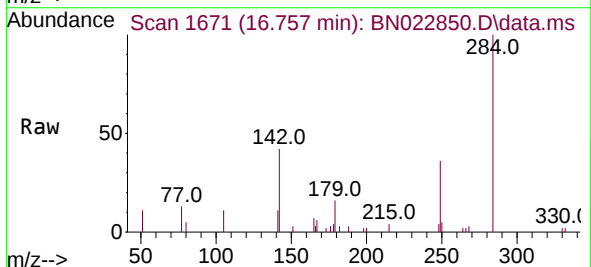
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

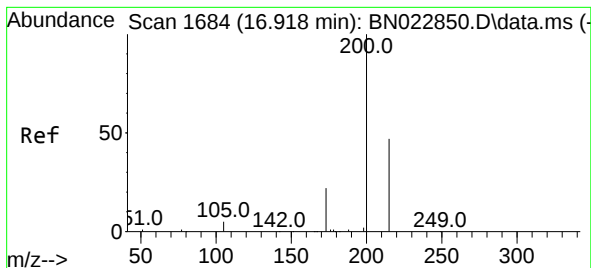
Tgt Ion:248 Resp: 3862  
Ion Ratio Lower Upper  
248 100  
250 91.0 72.8 109.2  
141 82.0 65.6 98.4



#22  
Hexachlorobenzene  
Concen: 0.534 ng  
RT: 16.757 min Scan# 1671  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

Tgt Ion:284 Resp: 4384  
Ion Ratio Lower Upper  
284 100  
142 36.2 29.0 43.4  
249 30.4 24.3 36.5





#23

Atrazine

Concen: 0.422 ng

RT: 16.918 min Scan# 1684

Delta R.T. 0.000 min

Lab File: BN022850.D

Acq: 23 Nov 2022 17:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

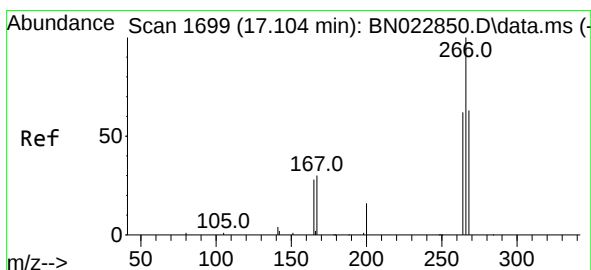
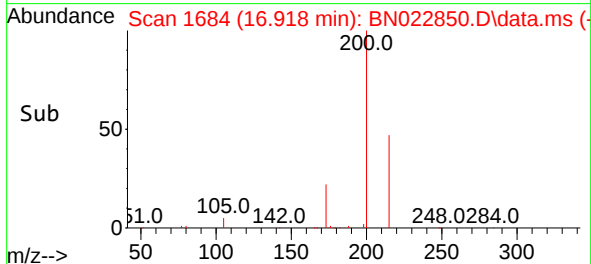
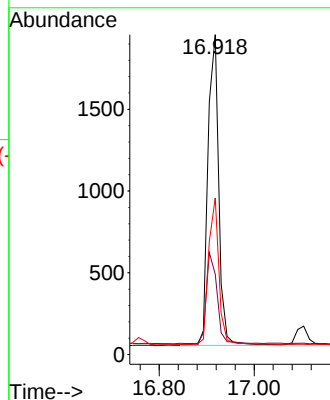
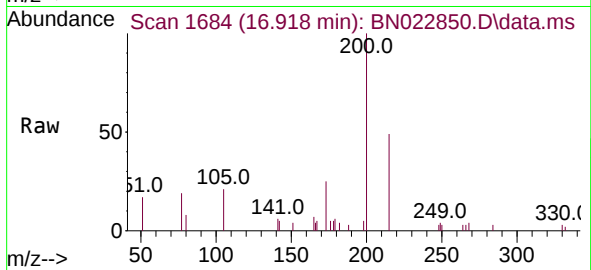
Tgt Ion:200 Resp: 2978

Ion Ratio Lower Upper

200 100

173 25.1 20.1 30.1

215 48.9 39.1 58.7



#24

Pentachlorophenol

Concen: 0.320 ng

RT: 17.104 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BN022850.D

Acq: 23 Nov 2022 17:17

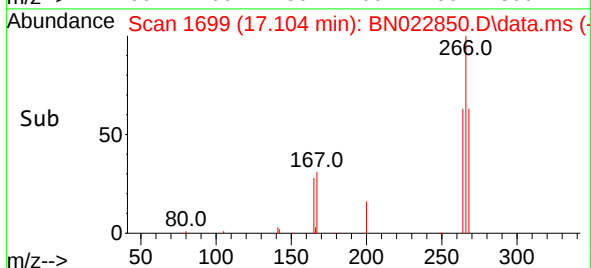
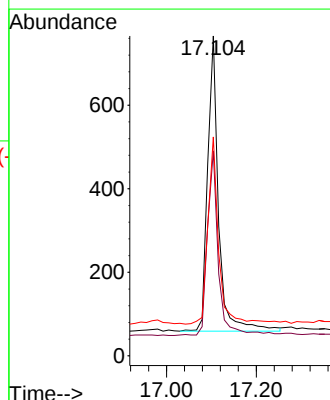
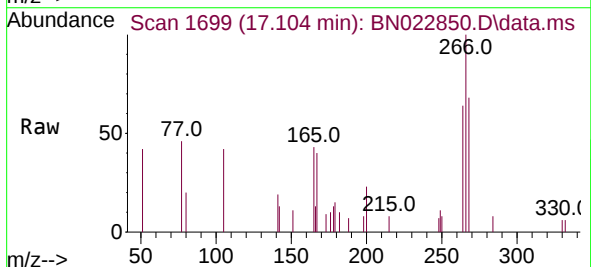
Tgt Ion:266 Resp: 1203

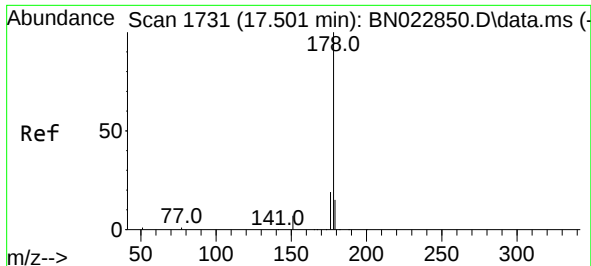
Ion Ratio Lower Upper

266 100

264 60.8 48.6 73.0

268 62.9 50.3 75.5

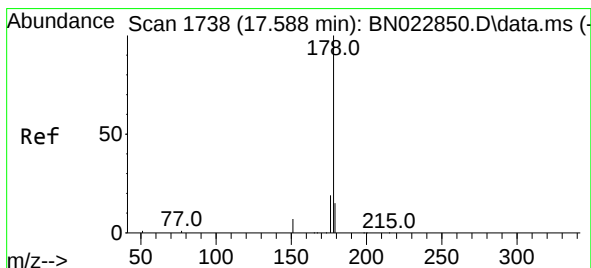
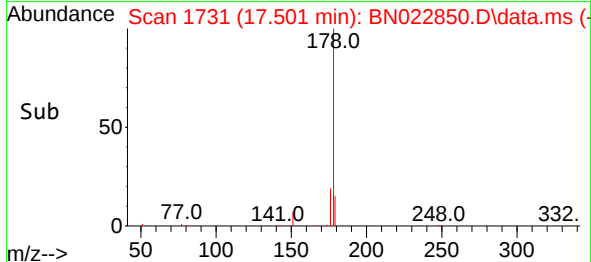
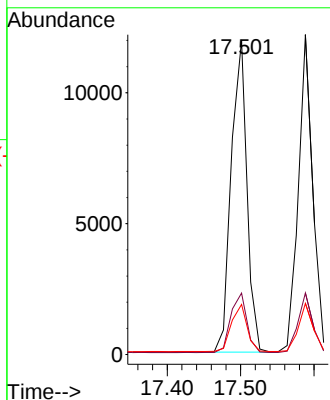
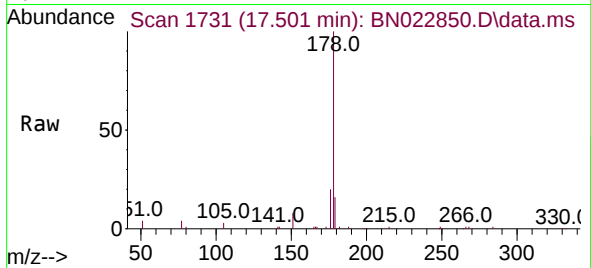




#25  
Phenanthrene  
Concen: 0.412 ng  
RT: 17.501 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

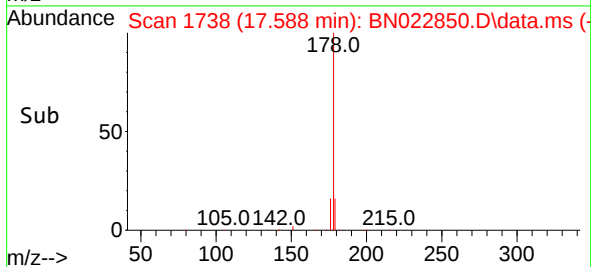
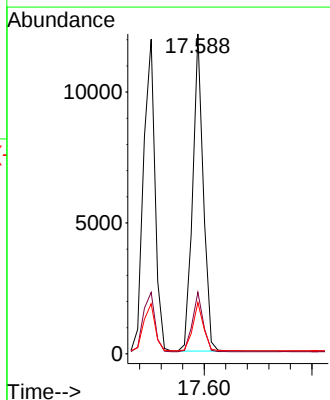
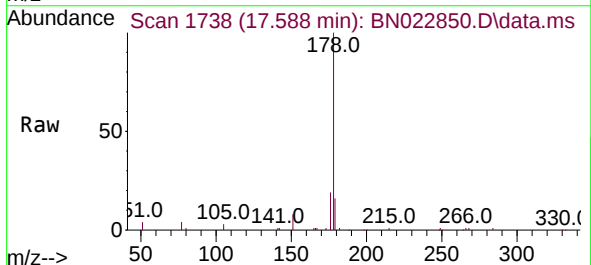
Instrument :  
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ClientSampleId :  
SSTDICCC0.4

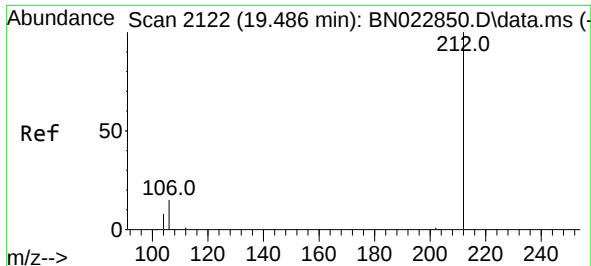
Tgt Ion:178 Resp: 17758  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.7 23.5  
179 15.2 12.2 18.2



#26  
Anthracene  
Concen: 0.460 ng  
RT: 17.588 min Scan# 1738  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

Tgt Ion:178 Resp: 16497  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.1 22.7  
179 15.3 12.2 18.4

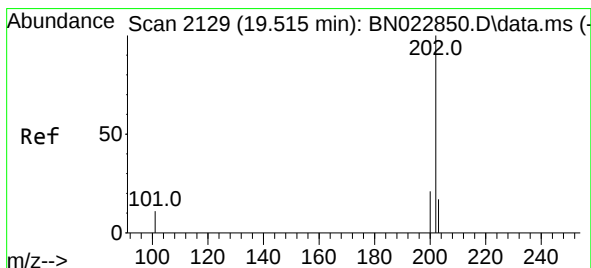
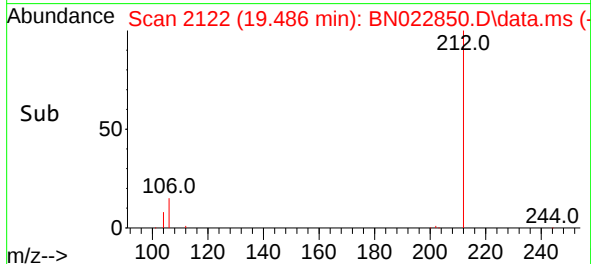
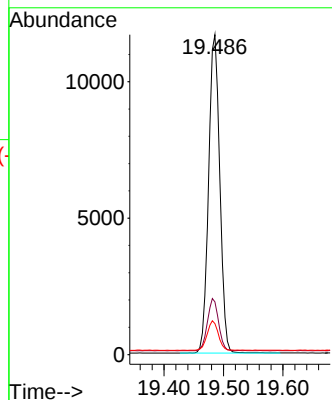
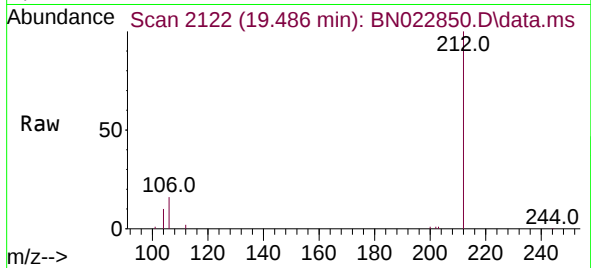




#27  
Fluoranthene-d10  
Concen: 0.422 ng  
RT: 19.486 min Scan# 2122  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

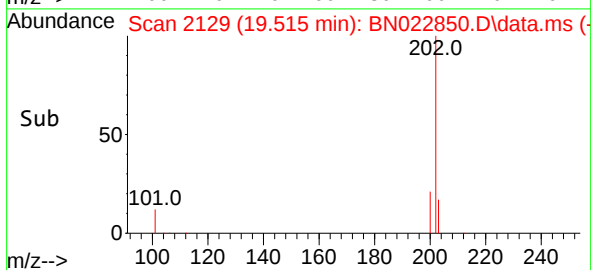
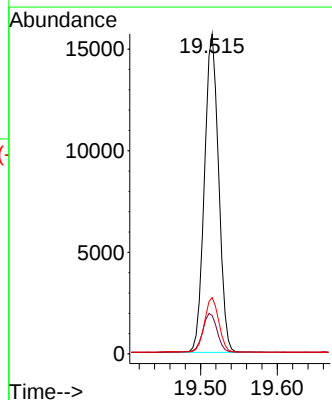
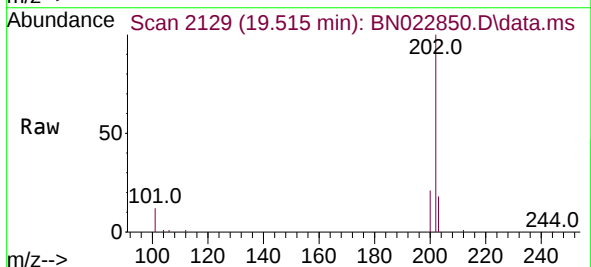
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

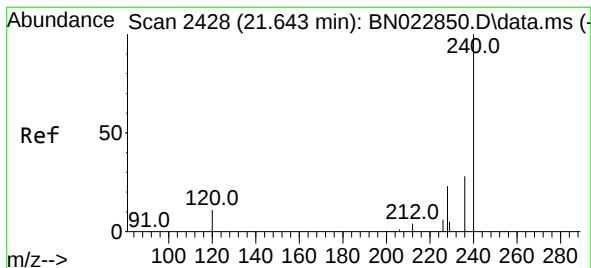
Tgt Ion:212 Resp: 15239  
Ion Ratio Lower Upper  
212 100  
106 16.2 13.0 19.4  
104 9.2 7.4 11.0



#28  
Fluoranthene  
Concen: 0.443 ng  
RT: 19.515 min Scan# 2129  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

Tgt Ion:202 Resp: 20092  
Ion Ratio Lower Upper  
202 100  
101 12.5 10.0 15.0  
203 17.3 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.643 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BN022850.D

Acq: 23 Nov 2022 17:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

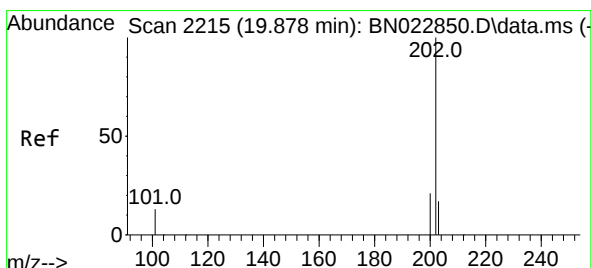
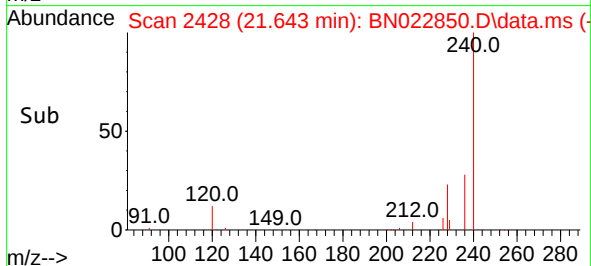
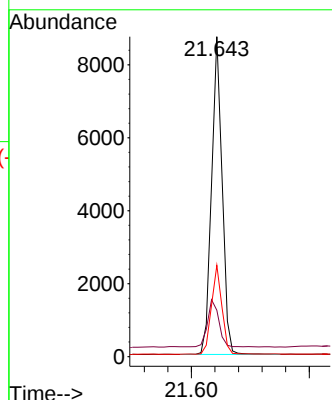
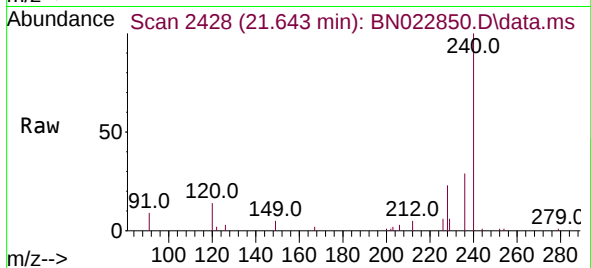
Tgt Ion:240 Resp: 10865

Ion Ratio Lower Upper

240 100

120 14.5 11.6 17.4

236 28.5 22.8 34.2



#30

Pyrene

Concen: 0.452 ng

RT: 19.878 min Scan# 2215

Delta R.T. 0.000 min

Lab File: BN022850.D

Acq: 23 Nov 2022 17:17

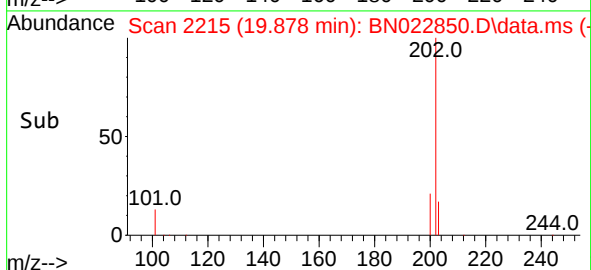
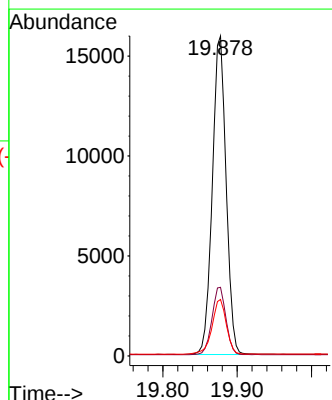
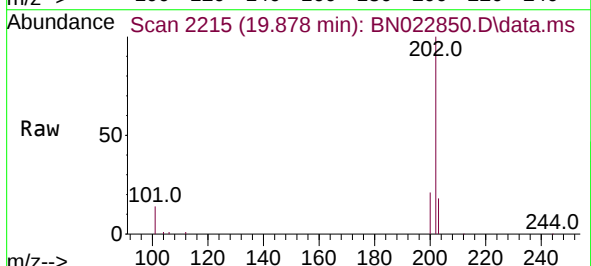
Tgt Ion:202 Resp: 20544

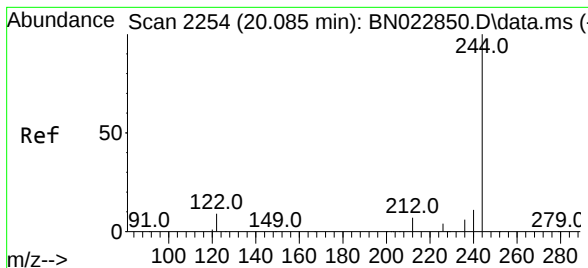
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.9 14.3 21.5





#31

Terphenyl-d14

Concen: 0.316 ng

RT: 20.085 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN022850.D

Acq: 23 Nov 2022 17:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

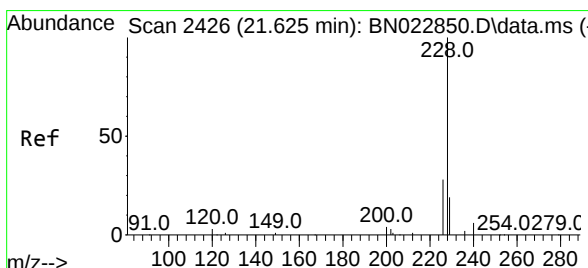
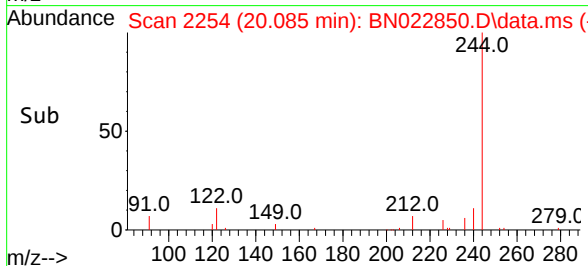
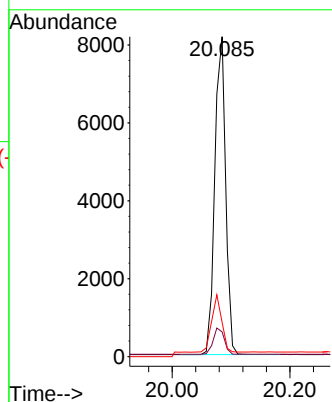
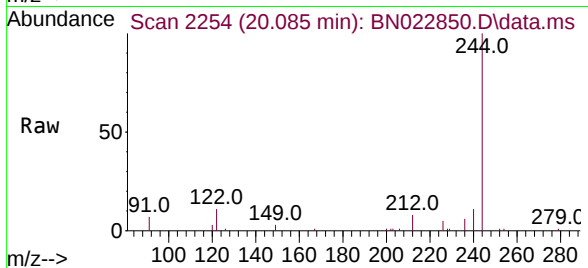
Tgt Ion:244 Resp: 10454

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

122 10.7 8.6 12.8



#32

Benzo(a)anthracene

Concen: 0.451 ng

RT: 21.625 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BN022850.D

Acq: 23 Nov 2022 17:17

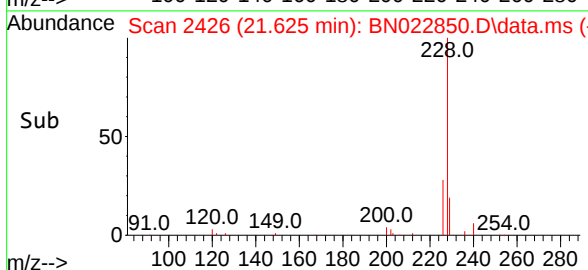
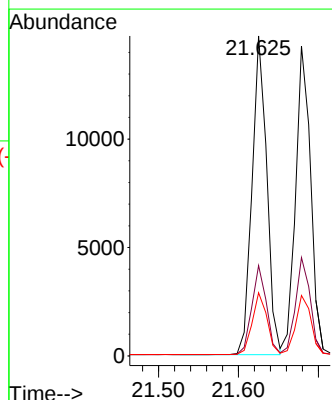
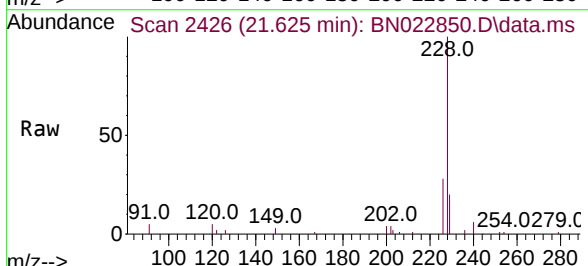
Tgt Ion:228 Resp: 18782

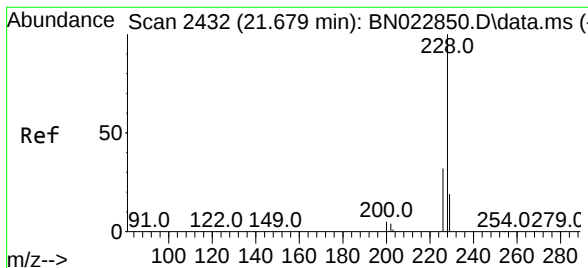
Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

229 19.7 15.8 23.6





#33

Chrysene

Concen: 0.451 ng

RT: 21.679 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BN022850.D

Acq: 23 Nov 2022 17:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

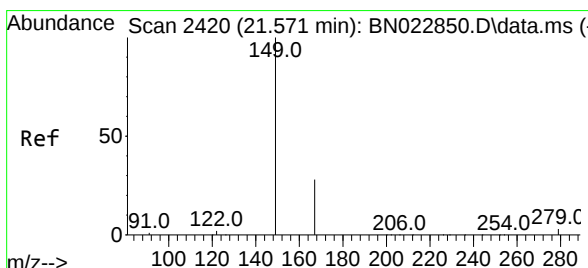
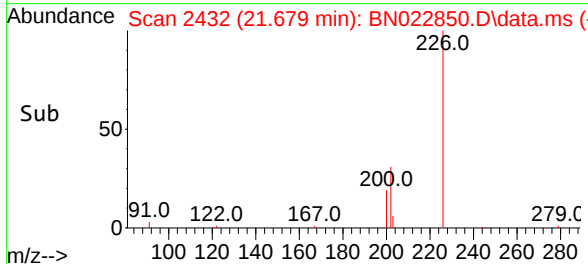
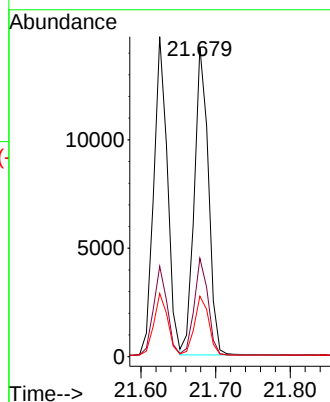
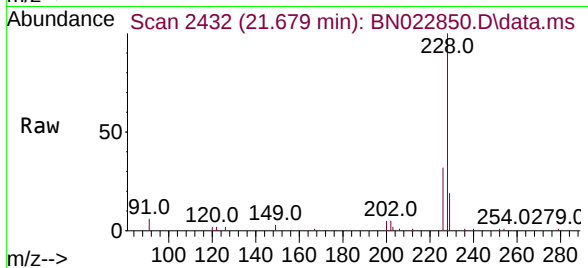
Tgt Ion:228 Resp: 18598

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

229 19.5 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.347 ng

RT: 21.571 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BN022850.D

Acq: 23 Nov 2022 17:17

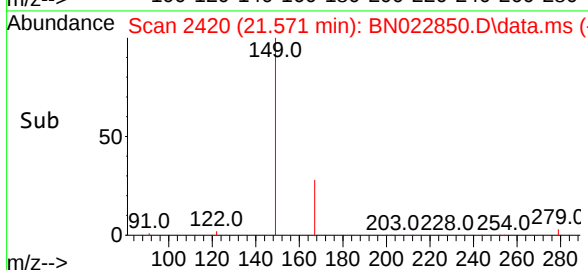
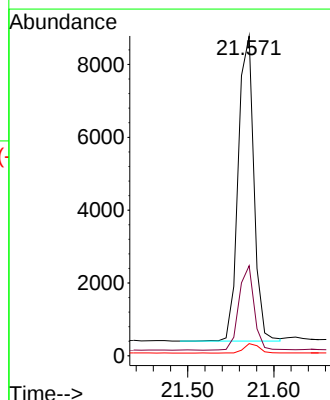
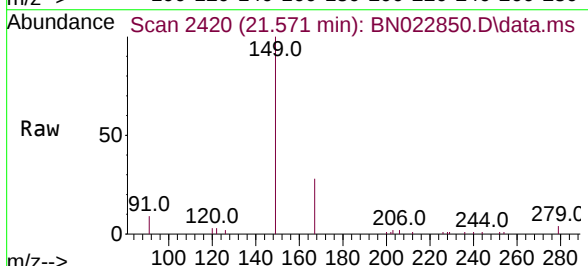
Tgt Ion:149 Resp: 10558

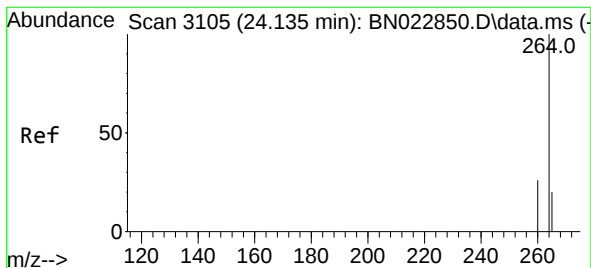
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 3.1 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.135 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BN022850.D

Acq: 23 Nov 2022 17:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

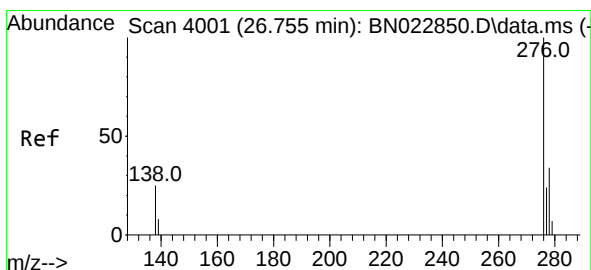
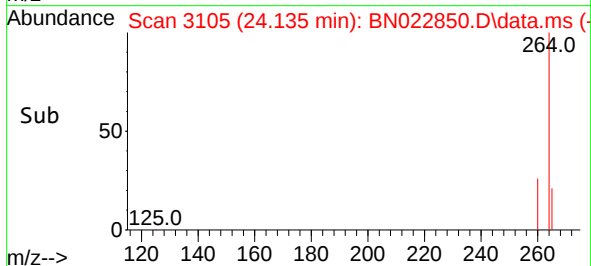
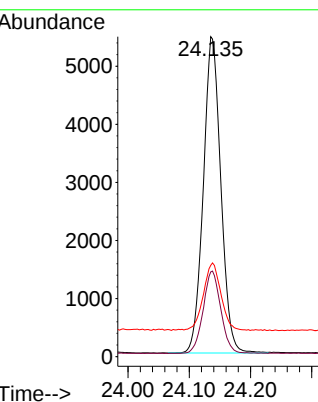
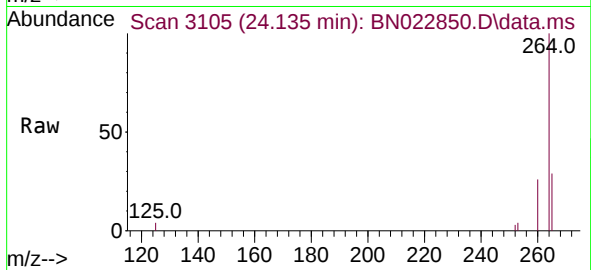
Tgt Ion:264 Resp: 10833

Ion Ratio Lower Upper

264 100

260 26.5 21.2 31.8

265 28.5 22.8 34.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.451 ng

RT: 26.755 min Scan# 4001

Delta R.T. 0.000 min

Lab File: BN022850.D

Acq: 23 Nov 2022 17:17

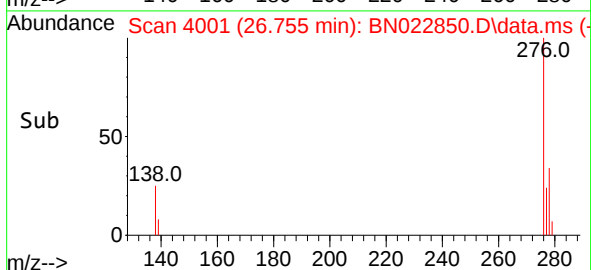
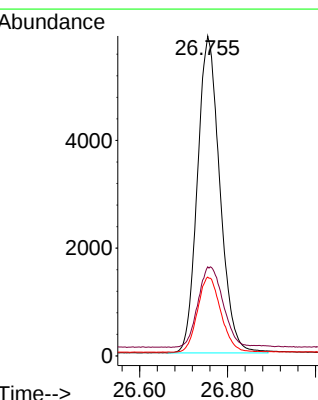
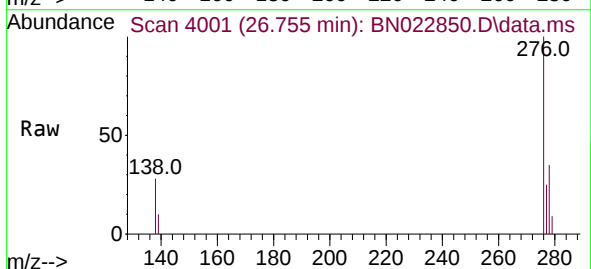
Tgt Ion:276 Resp: 20836

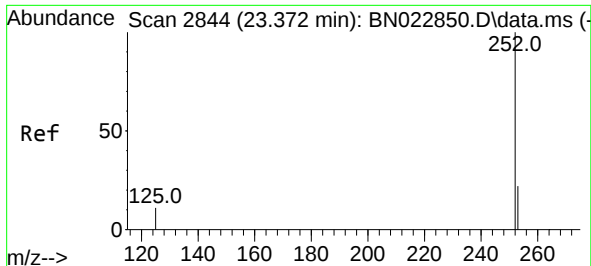
Ion Ratio Lower Upper

276 100

138 28.4 22.7 34.1

277 24.7 19.8 29.6

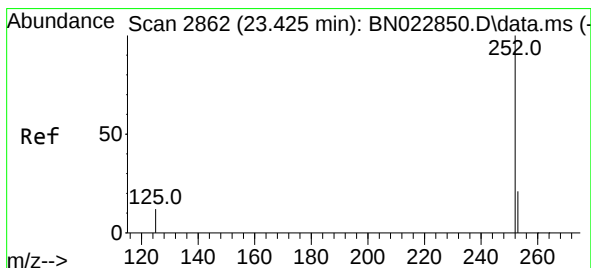
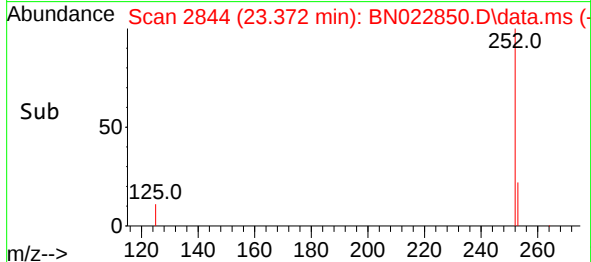
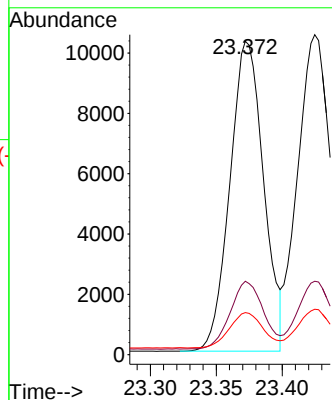
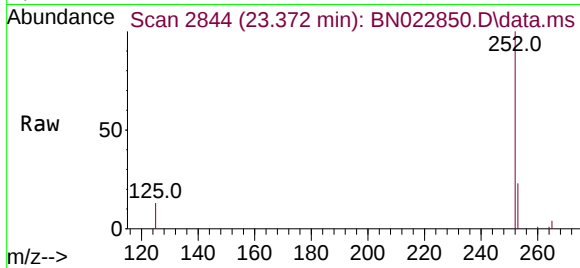




#37  
Benzo(b)fluoranthene  
Concen: 0.424 ng  
RT: 23.372 min Scan# 2844  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

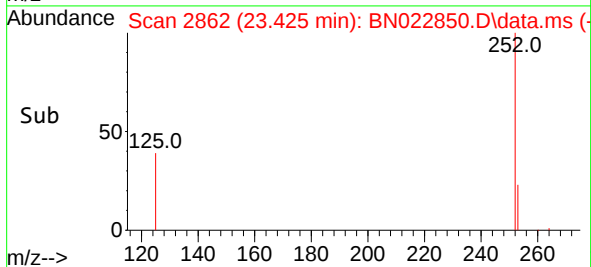
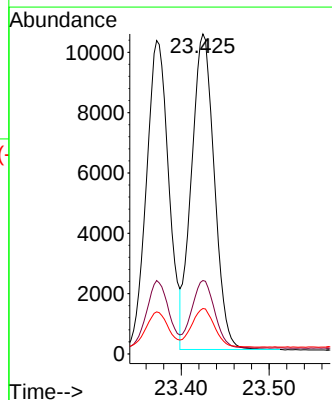
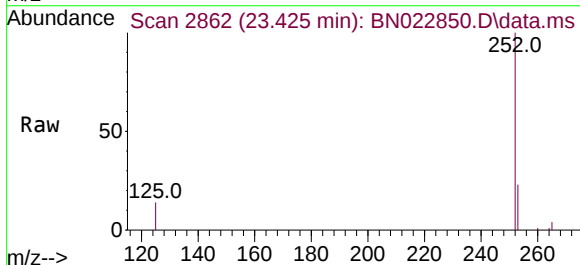
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

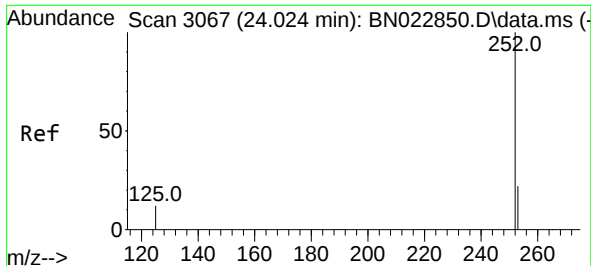
Tgt Ion:252 Resp: 18254  
Ion Ratio Lower Upper  
252 100  
253 23.4 18.7 28.1  
125 13.4 10.7 16.1



#38  
Benzo(k)fluoranthene  
Concen: 0.431 ng  
RT: 23.425 min Scan# 2862  
Delta R.T. 0.000 min  
Lab File: BN022850.D  
Acq: 23 Nov 2022 17:17

Tgt Ion:252 Resp: 18828  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.3 27.5  
125 14.2 11.4 17.0





#39

Benzo(a)pyrene

Concen: 0.430 ng

RT: 24.024 min Scan# 3067

Delta R.T. 0.000 min

Lab File: BN022850.D

Acq: 23 Nov 2022 17:17

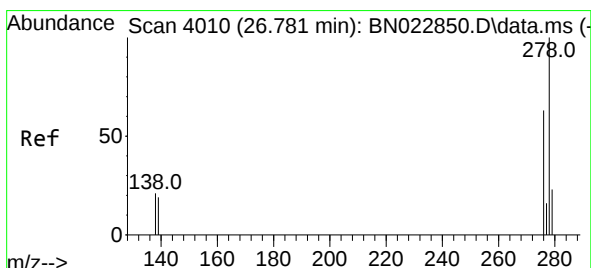
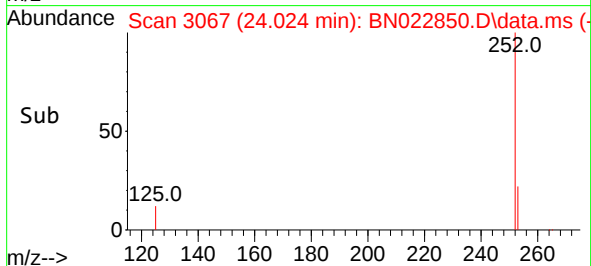
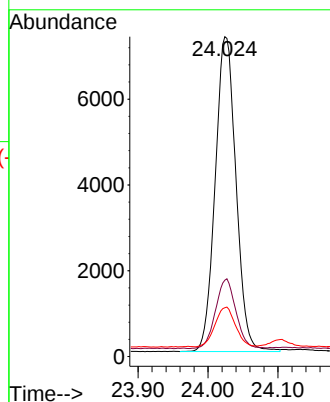
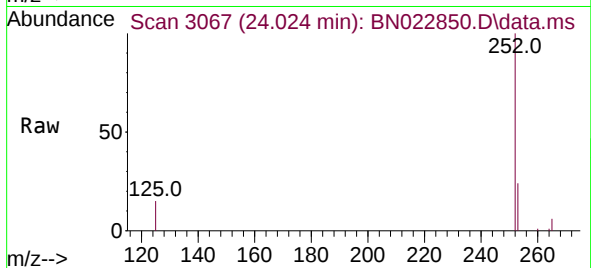
Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 15155 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 23.9  | 19.1  | 28.7  |
| 125       | 15.3  | 12.2  | 18.4  |



#40

Dibenzo(a,h)anthracene

Concen: 0.440 ng

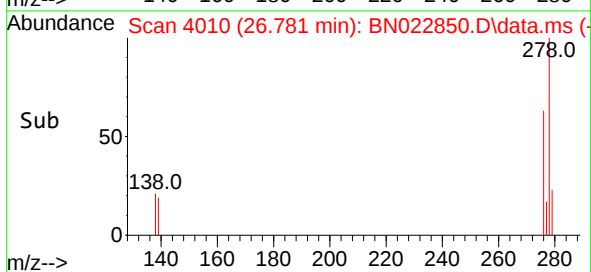
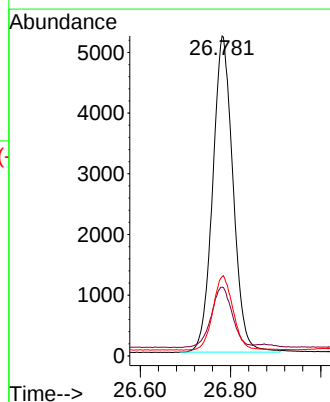
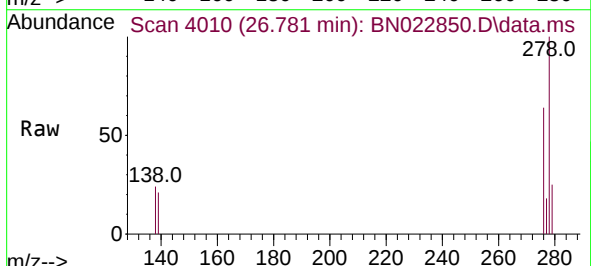
RT: 26.781 min Scan# 4010

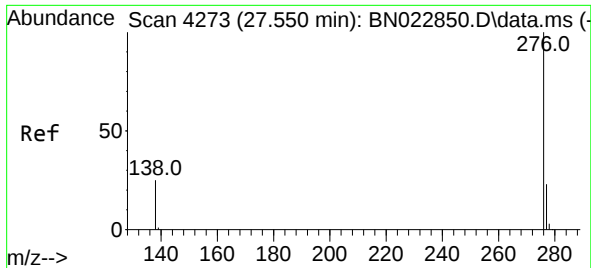
Delta R.T. 0.000 min

Lab File: BN022850.D

Acq: 23 Nov 2022 17:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 16273 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 21.5  | 17.2  | 25.8  |
| 279       | 24.8  | 19.8  | 29.8  |





#41

Benzo(g,h,i)perylene

Concen: 0.456 ng

RT: 27.550 min Scan# 41

Delta R.T. 0.000 min

Lab File: BN022850.D

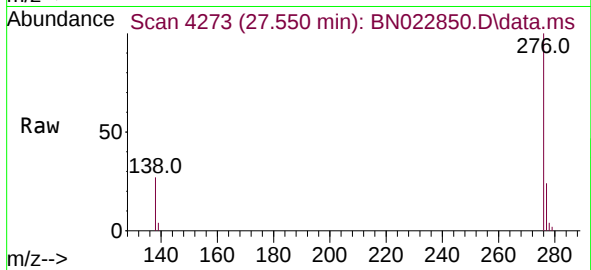
Acq: 23 Nov 2022 17:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4



Tgt Ion:276 Resp: 17466

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 27.5 22.0 33.0

