

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100223\  
 Data File : BN028003.D  
 Acq On : 03 Oct 2023 00:50  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Oct 03 01:31:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN100223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 02 19:18:04 2023  
 Response via : Initial Calibration

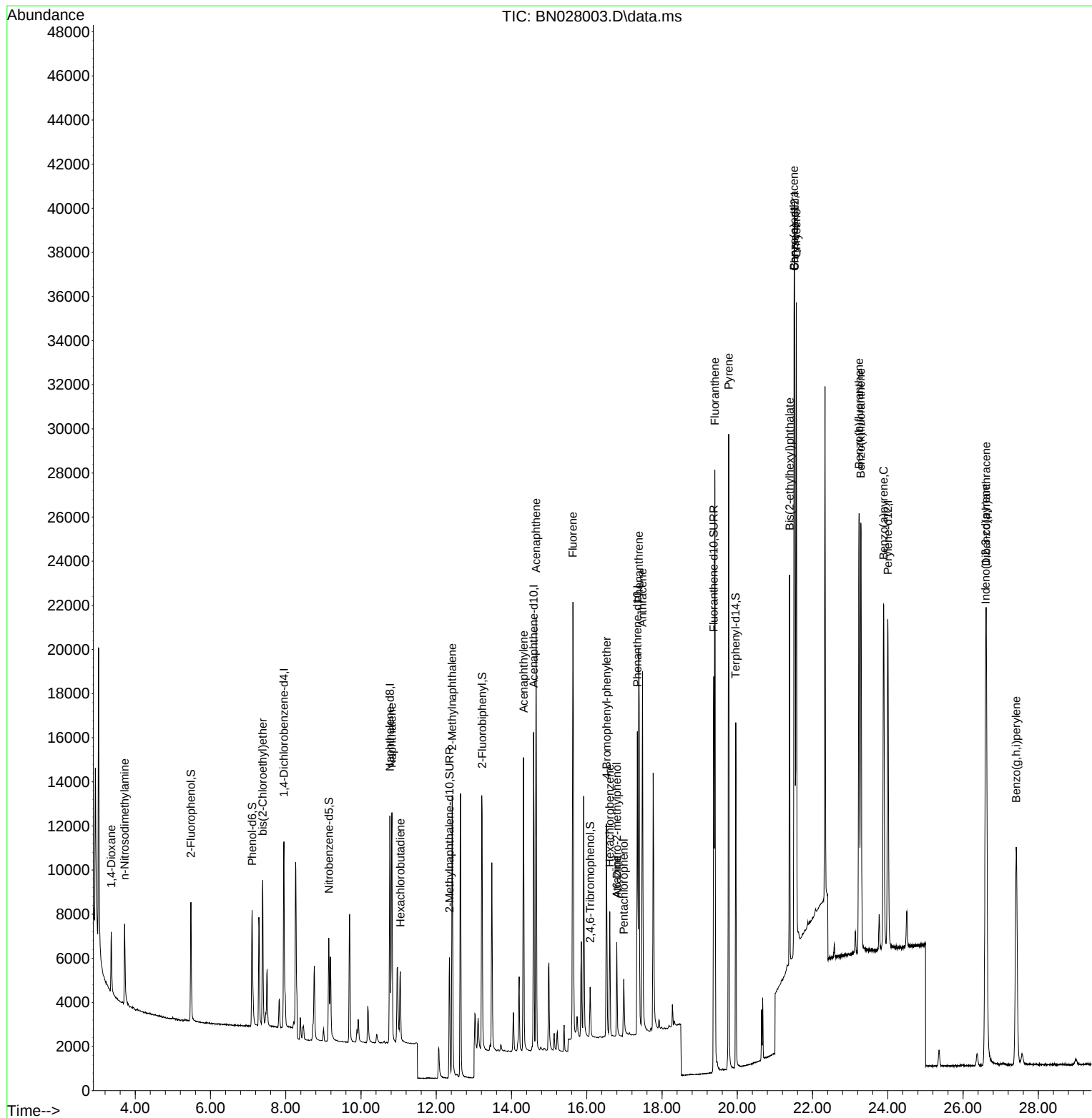
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.951  | 152  | 4343     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.767 | 136  | 14025    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.587 | 164  | 8392     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.344 | 188  | 18927    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.524 | 240  | 19573    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.002 | 264  | 21897    | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.481  | 112  | 4760     | 0.367 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.106  | 99   | 5884     | 0.360 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.144  | 82   | 4425     | 0.371 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.351 | 152  | 8114     | 0.390 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.090 | 330  | 1344     | 0.350 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.219 | 172  | 11747    | 0.388 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.374 | 212  | 20358    | 0.428 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.960 | 244  | 16210    | 0.355 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.364  | 88   | 2191     | 0.450 | ng    | 95       |
| 3) n-Nitrosodimethylamine     | 3.718  | 42   | 2215     | 0.397 | ng    | # 98     |
| 6) bis(2-Chloroethyl)ether    | 7.387  | 93   | 5194     | 0.395 | ng    | 99       |
| 9) Naphthalene                | 10.821 | 128  | 14408    | 0.398 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.045 | 225  | 2560     | 0.398 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.423 | 142  | 10089    | 0.398 | ng    | 99       |
| 16) Acenaphthylene            | 14.320 | 152  | 14354    | 0.386 | ng    | 99       |
| 17) Acenaphthene              | 14.651 | 154  | 9564     | 0.404 | ng    | 99       |
| 18) Fluorene                  | 15.631 | 166  | 12568    | 0.408 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 16.797 | 198  | 80       | 0.318 | ng    | 82       |
| 21) 4-Bromophenyl-phenylether | 16.524 | 248  | 3890     | 0.394 | ng    | 92       |
| 22) Hexachlorobenzene         | 16.611 | 284  | 4213     | 0.407 | ng    | 99       |
| 23) Atrazine                  | 16.797 | 200  | 3322     | 0.385 | ng    | 98       |
| 24) Pentachlorophenol         | 16.984 | 266  | 1452     | 0.298 | ng    | 99       |
| 25) Phenanthrene              | 17.381 | 178  | 20724    | 0.406 | ng    | 100      |
| 26) Anthracene                | 17.480 | 178  | 18909    | 0.392 | ng    | 99       |
| 28) Fluoranthene              | 19.402 | 202  | 25365    | 0.431 | ng    | 100      |
| 30) Pyrene                    | 19.769 | 202  | 26313    | 0.367 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.506 | 228  | 26771    | 0.402 | ng    | 99       |
| 33) Chrysene                  | 21.569 | 228  | 26673    | 0.416 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.390 | 149  | 15882    | 0.363 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.601 | 276  | 29107    | 0.395 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.236 | 252  | 27156    | 0.384 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 23.282 | 252  | 27854    | 0.388 | ng    | 97       |
| 39) Benzo(a)pyrene            | 23.887 | 252  | 26332    | 0.394 | ng    | 95       |
| 40) Dibenzo(a,h)anthracene    | 26.615 | 278  | 24123    | 0.400 | ng    | 94       |
| 41) Benzo(g,h,i)perylene      | 27.413 | 276  | 23713    | 0.383 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

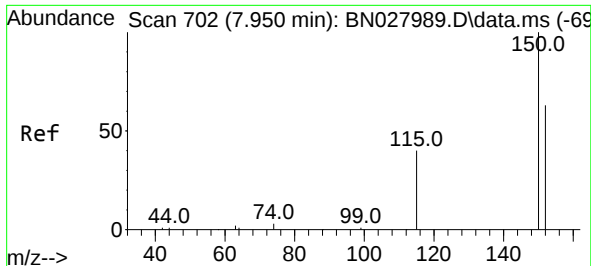
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100223\  
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Instrument :  
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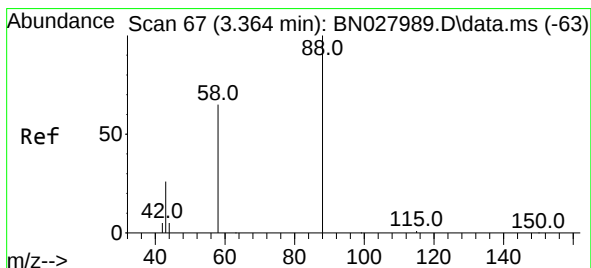
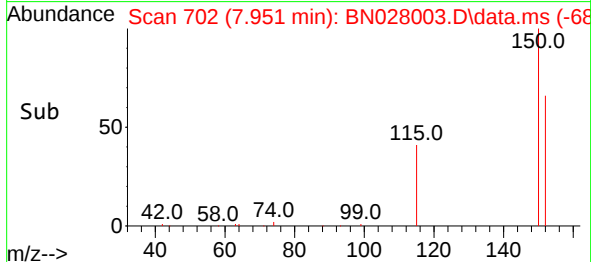
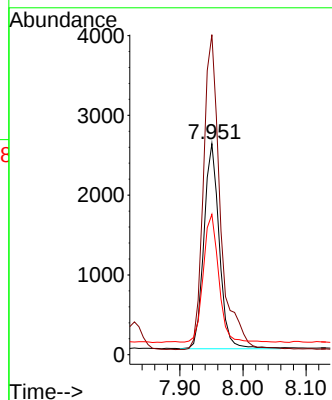
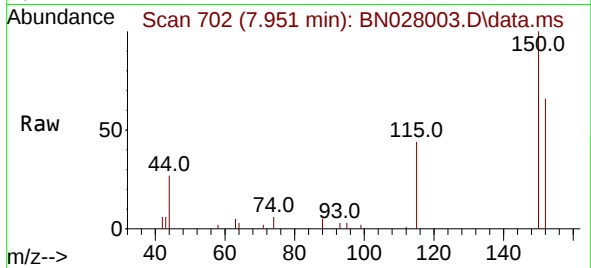




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.951 min Scan# 702  
 Delta R.T. 0.001 min  
 Lab File: BN028003.D  
 Acq: 03 Oct 2023 00:50

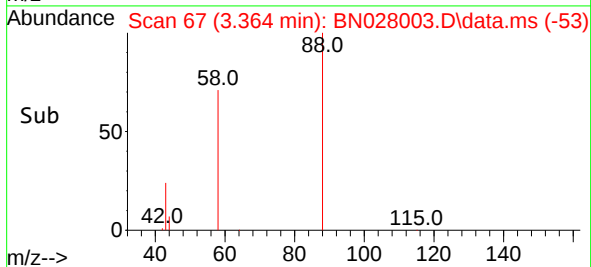
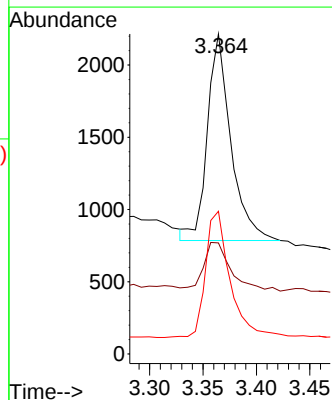
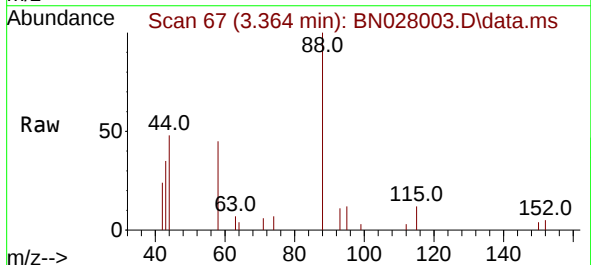
Instrument :  
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 ClientSampleId :  
 SSTDCCC0.4EC

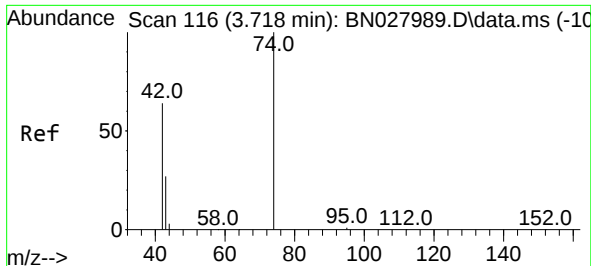
Tgt Ion:152 Resp: 4343  
 Ion Ratio Lower Upper  
 152 100  
 150 151.6 125.6 188.4  
 115 66.5 54.8 82.2



#2  
 1,4-Dioxane  
 Concen: 0.450 ng  
 RT: 3.364 min Scan# 67  
 Delta R.T. 0.000 min  
 Lab File: BN028003.D  
 Acq: 03 Oct 2023 00:50

Tgt Ion: 88 Resp: 2191  
 Ion Ratio Lower Upper  
 88 100  
 43 27.6 24.6 36.8  
 58 63.9 53.8 80.6

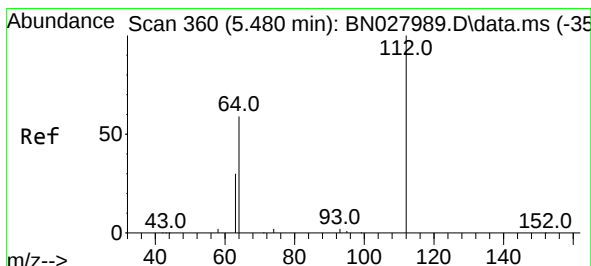
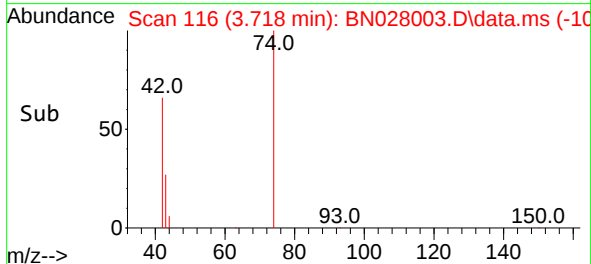
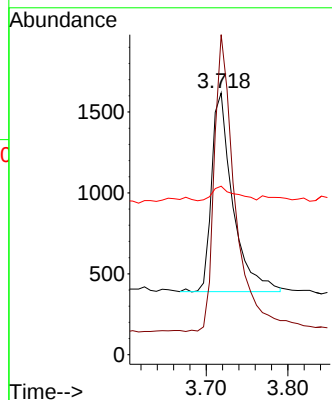
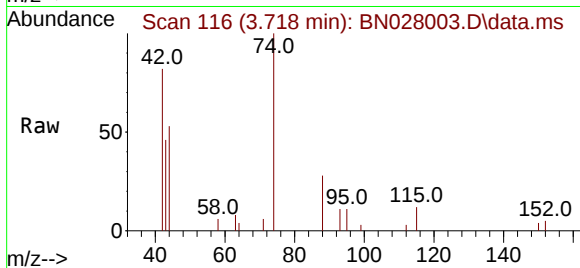




#3  
n-Nitrosodimethylamine  
Concen: 0.397 ng  
RT: 3.718 min Scan# 116  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

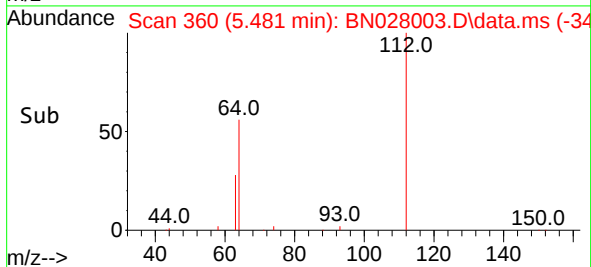
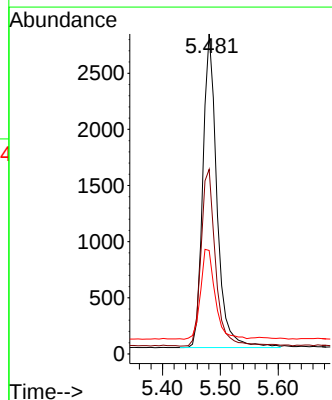
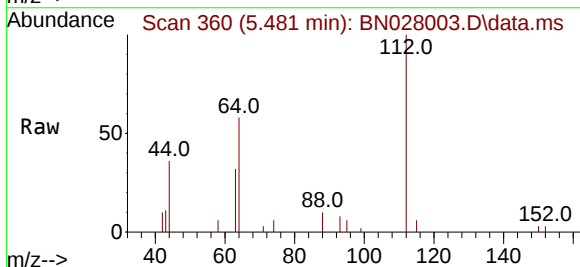
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

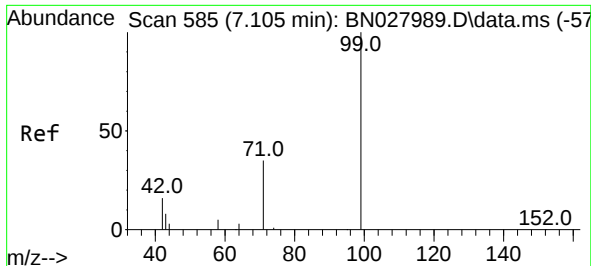
Tgt Ion: 42 Resp: 2215  
Ion Ratio Lower Upper  
42 100  
74 146.6 115.9 173.9  
44 7.5 8.0 12.0#



#4  
2-Fluorophenol  
Concen: 0.367 ng  
RT: 5.481 min Scan# 360  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

Tgt Ion: 112 Resp: 4760  
Ion Ratio Lower Upper  
112 100  
64 58.0 45.0 67.6  
63 29.1 23.4 35.0

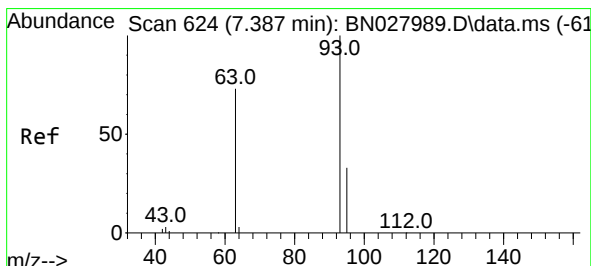
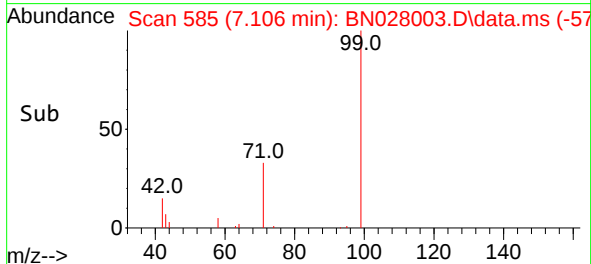
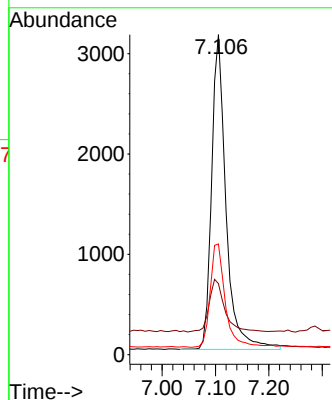
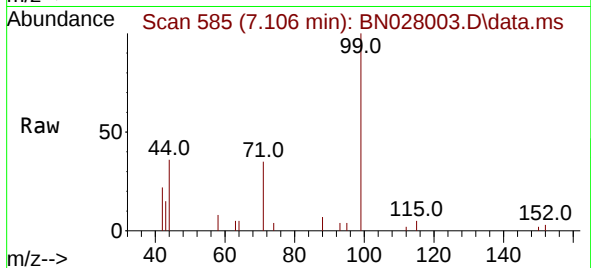




#5  
Phenol-d6  
Concen: 0.360 ng  
RT: 7.106 min Scan# 585  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

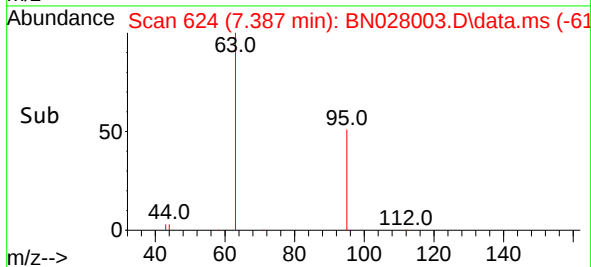
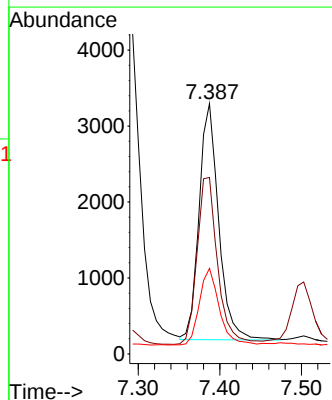
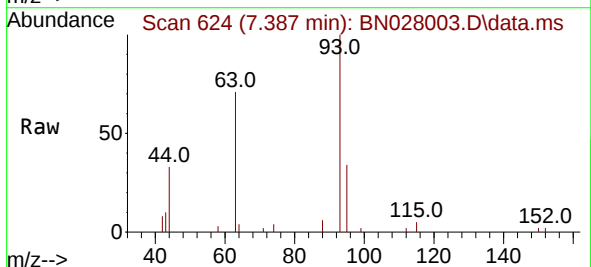
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

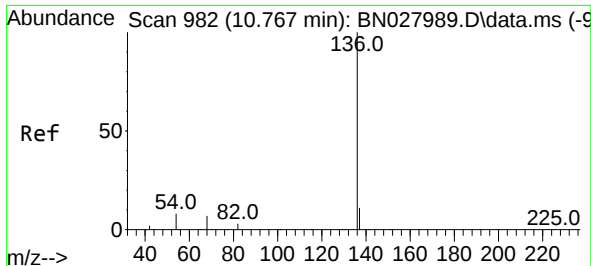
Tgt Ion: 99 Resp: 5884  
Ion Ratio Lower Upper  
99 100  
42 18.1 14.6 22.0  
71 34.9 28.3 42.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.395 ng  
RT: 7.387 min Scan# 624  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

Tgt Ion: 93 Resp: 5194  
Ion Ratio Lower Upper  
93 100  
63 74.4 58.8 88.2  
95 32.7 26.6 39.8

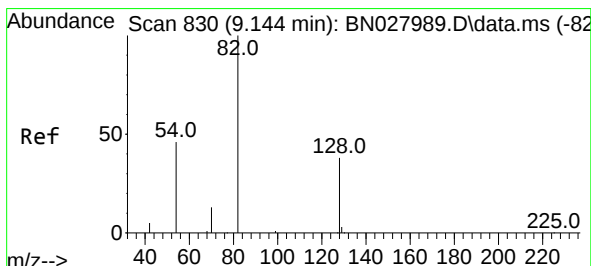
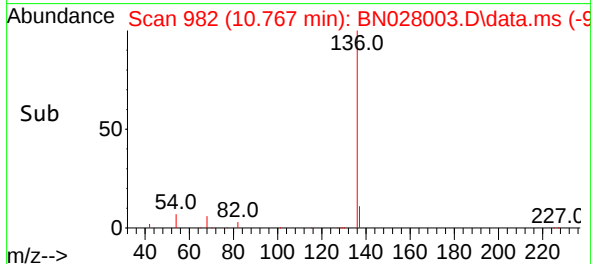
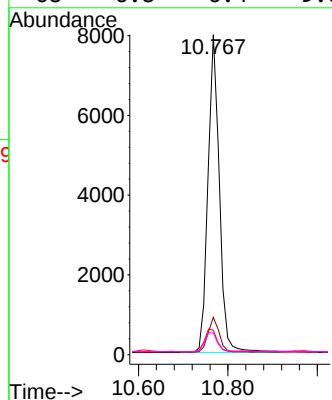
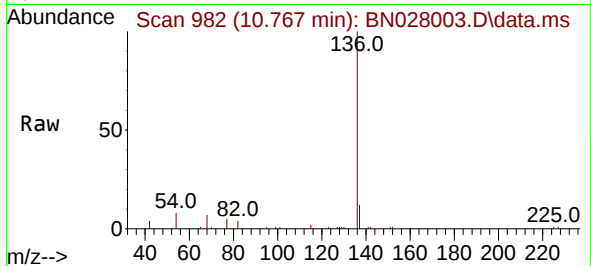




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.767 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

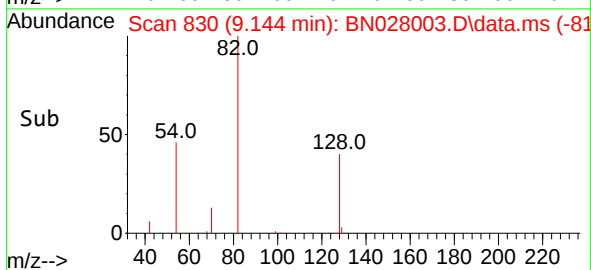
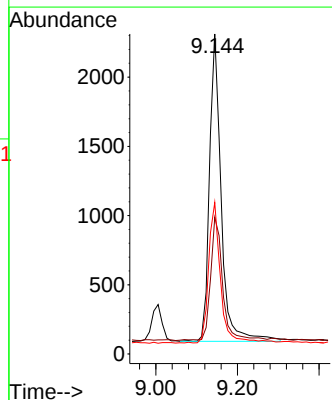
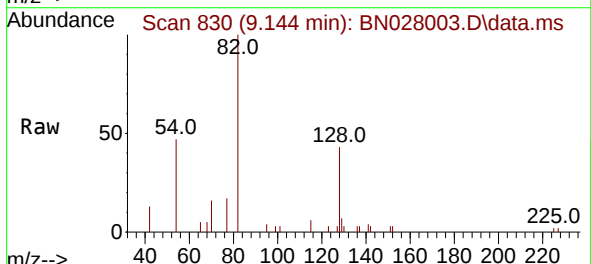
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

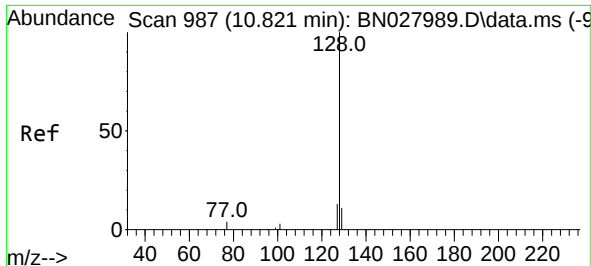
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 14025 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.6  | 9.4   | 14.0  |
| 54       | 7.7   | 7.0   | 10.6  |
| 68       | 6.8   | 6.4   | 9.6   |



#8  
Nitrobenzene-d5  
Concen: 0.371 ng  
RT: 9.144 min Scan# 830  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 4425  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.7  | 32.7  | 49.1  |
| 54       | 47.4  | 38.7  | 58.1  |

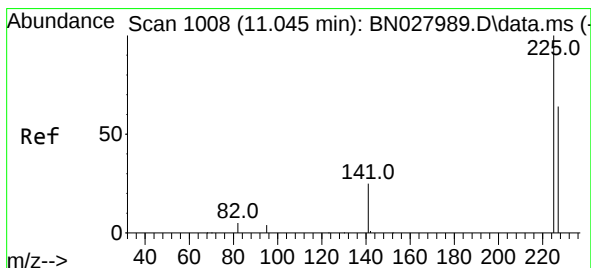
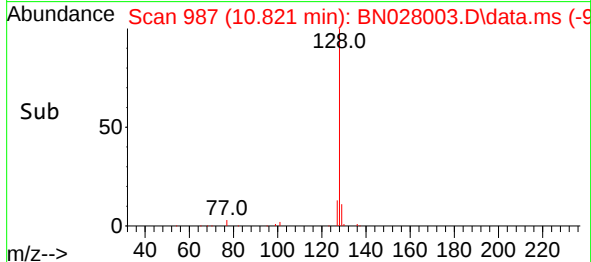
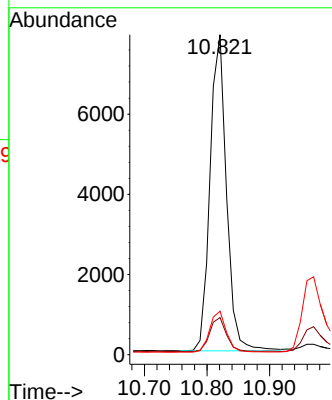
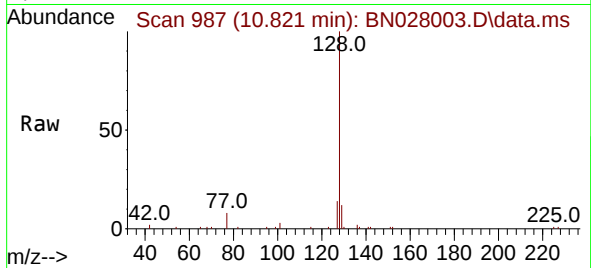




#9  
Naphthalene  
Concen: 0.398 ng  
RT: 10.821 min Scan# 987  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

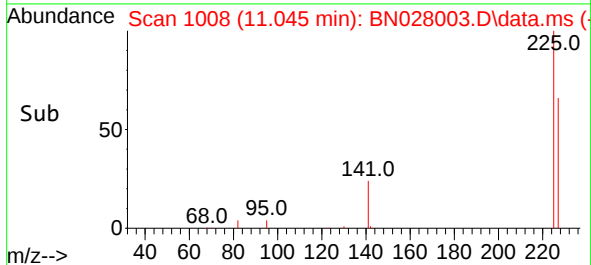
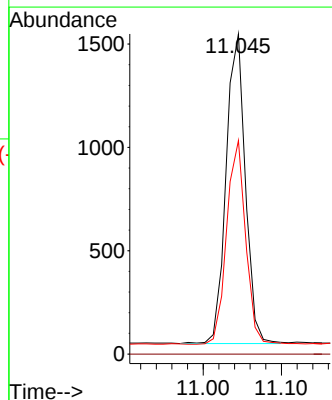
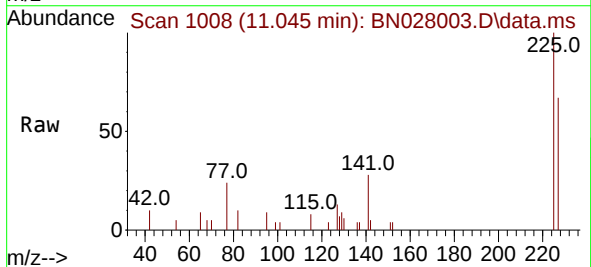
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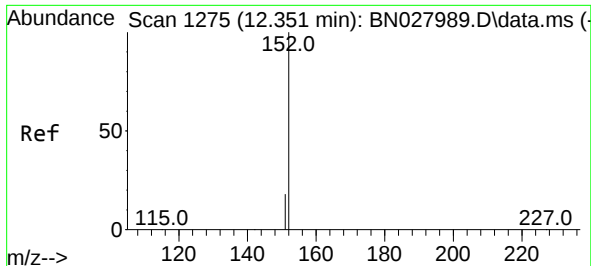
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|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 14408 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.6  | 9.4   | 14.2  |
| 127       | 13.6  | 10.9  | 16.3  |



#10  
Hexachlorobutadiene  
Concen: 0.398 ng  
RT: 11.045 min Scan# 1008  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 2560 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 64.7  | 51.3  | 76.9 |

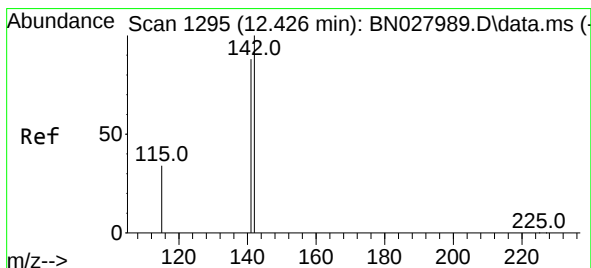
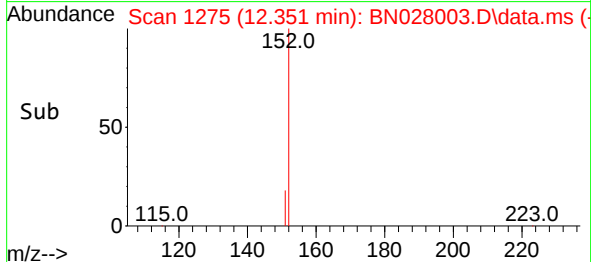
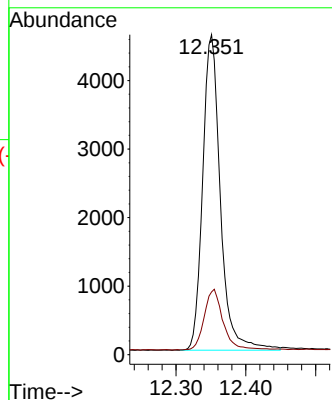
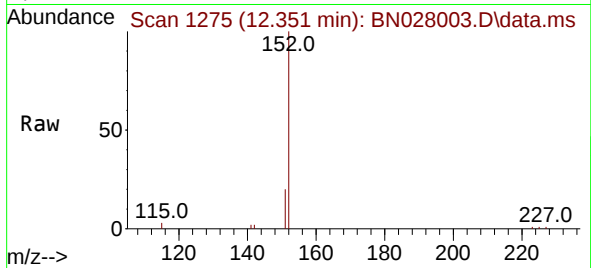




#11  
2-Methylnaphthalene-d10  
Concen: 0.390 ng  
RT: 12.351 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

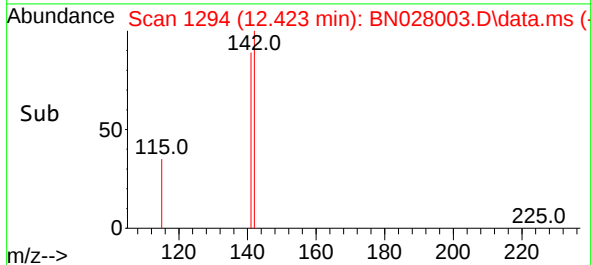
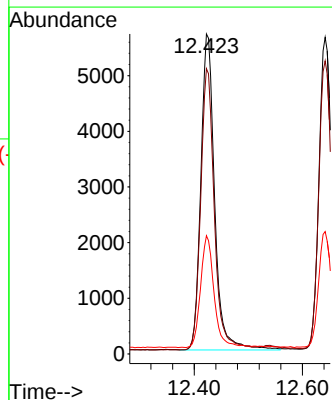
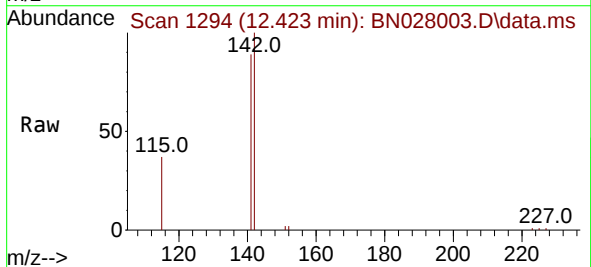
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

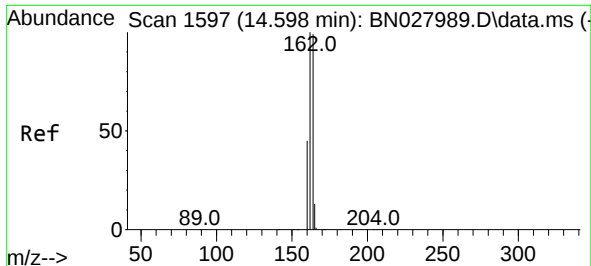
Tgt Ion:152 Resp: 8114  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.5 24.7



#12  
2-Methylnaphthalene  
Concen: 0.398 ng  
RT: 12.423 min Scan# 1294  
Delta R.T. -0.004 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

Tgt Ion:142 Resp: 10089  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.7 106.1  
115 37.0 28.6 42.8

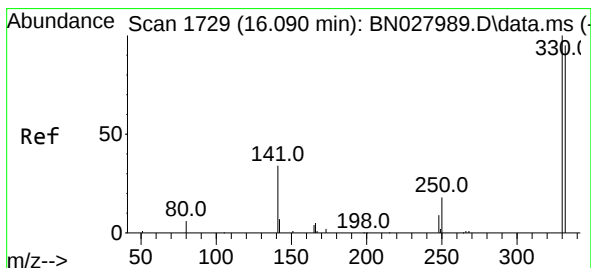
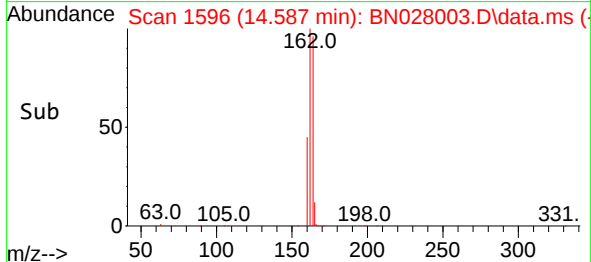
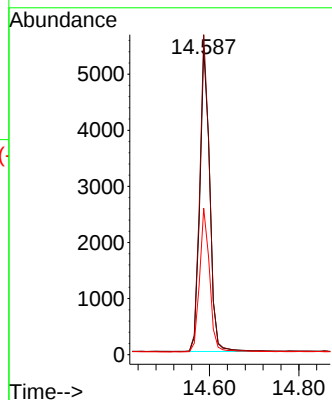
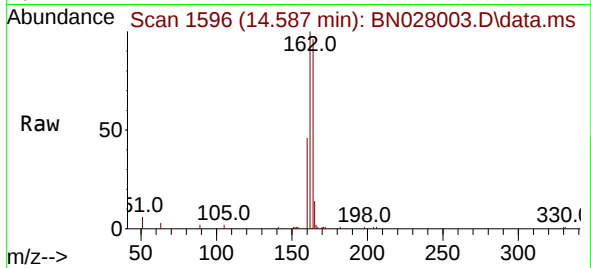




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.587 min Scan# 1596  
Delta R.T. -0.011 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

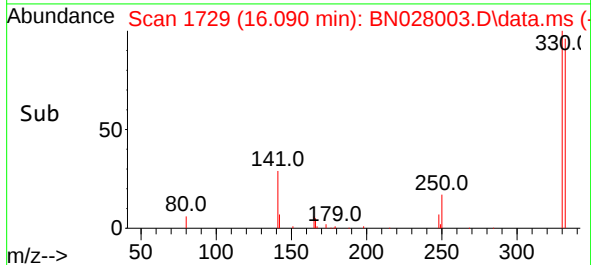
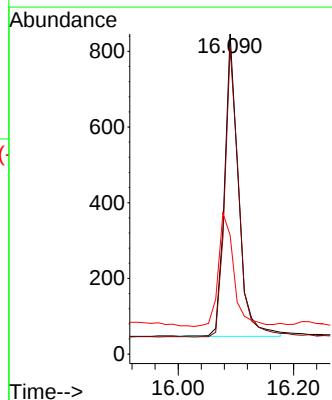
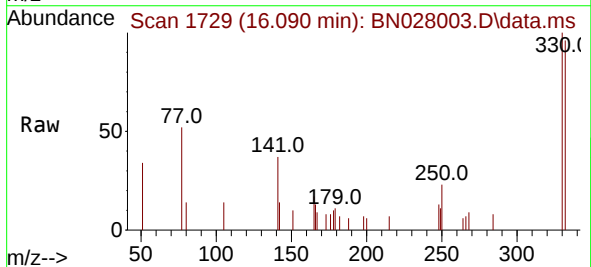
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

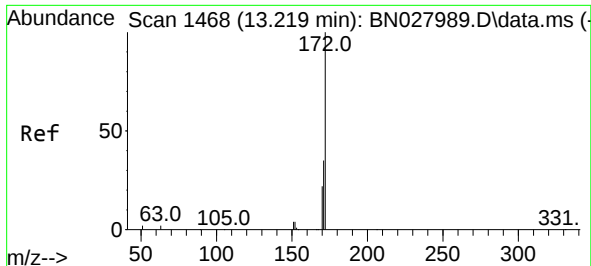
Tgt Ion:164 Resp: 8392  
Ion Ratio Lower Upper  
164 100  
162 104.5 80.8 121.2  
160 47.8 36.4 54.6



#14  
2,4,6-Tribromophenol  
Concen: 0.350 ng  
RT: 16.090 min Scan# 1729  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

Tgt Ion:330 Resp: 1344  
Ion Ratio Lower Upper  
330 100  
332 96.9 78.1 117.1  
141 41.7 33.4 50.2

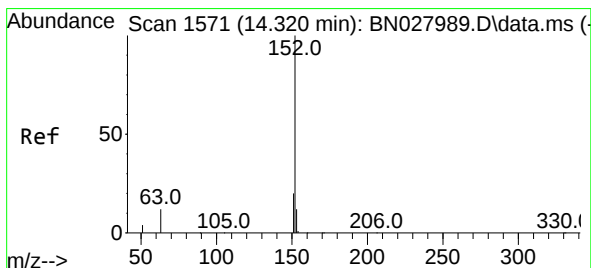
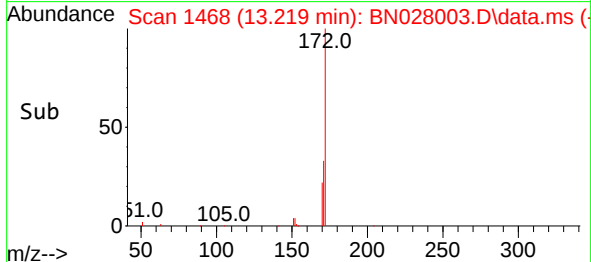
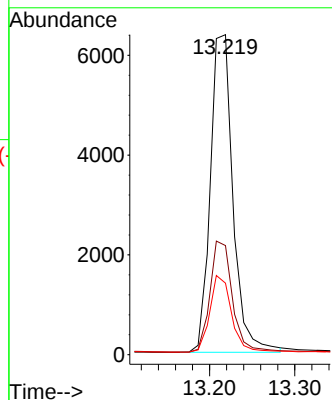
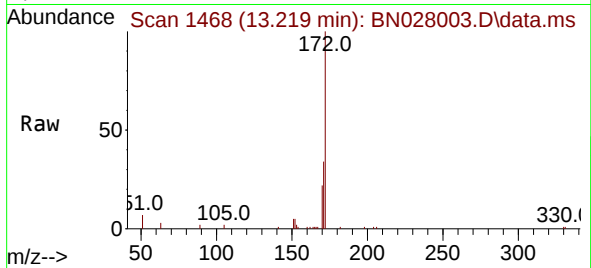




#15  
2-Fluorobiphenyl  
Concen: 0.388 ng  
RT: 13.219 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

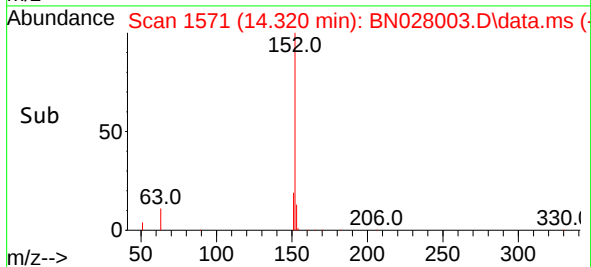
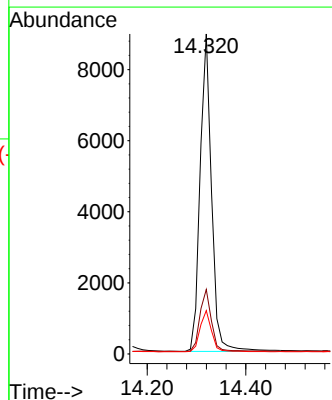
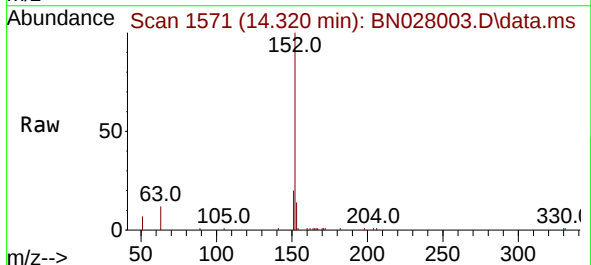
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

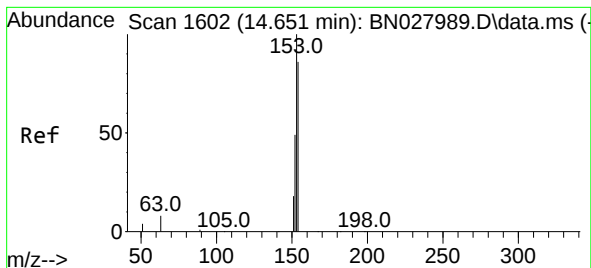
Tgt Ion:172 Resp: 11747  
Ion Ratio Lower Upper  
172 100  
171 34.1 28.1 42.1  
170 22.3 18.4 27.6



#16  
Acenaphthylene  
Concen: 0.386 ng  
RT: 14.320 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

Tgt Ion:152 Resp: 14354  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.8 23.6  
153 13.2 10.2 15.4





#17

Acenaphthene

Concen: 0.404 ng

RT: 14.651 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BN028003.D

Acq: 03 Oct 2023 00:50

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

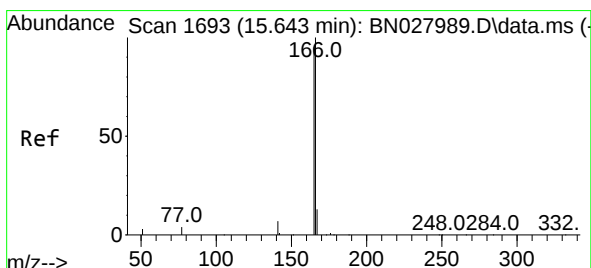
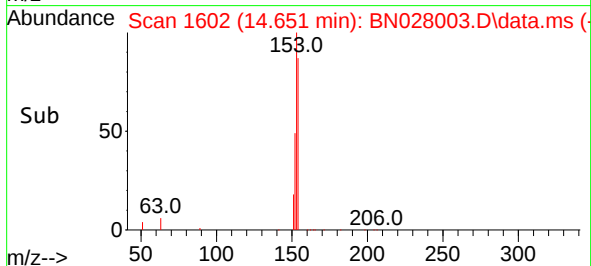
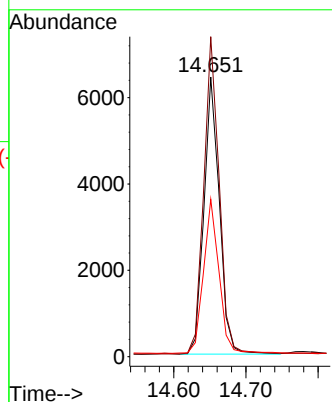
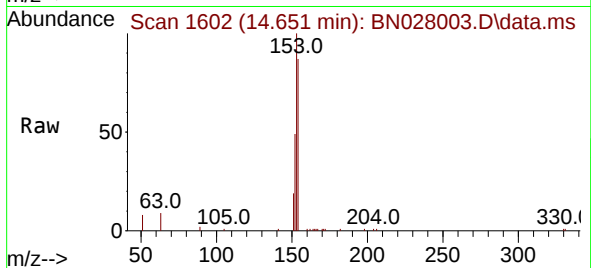
Tgt Ion:154 Resp: 9564

Ion Ratio Lower Upper

154 100

153 114.7 90.8 136.2

152 56.1 43.9 65.9



#18

Fluorene

Concen: 0.408 ng

RT: 15.631 min Scan# 1692

Delta R.T. -0.012 min

Lab File: BN028003.D

Acq: 03 Oct 2023 00:50

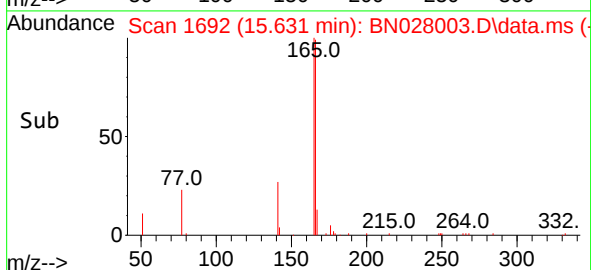
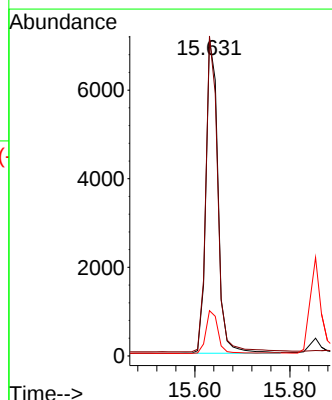
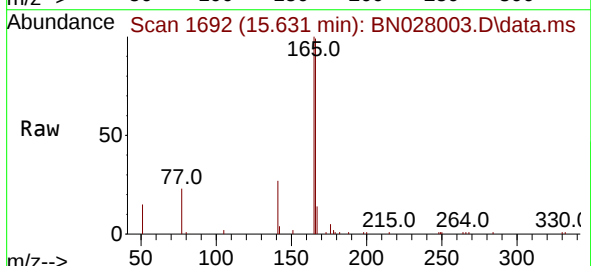
Tgt Ion:166 Resp: 12568

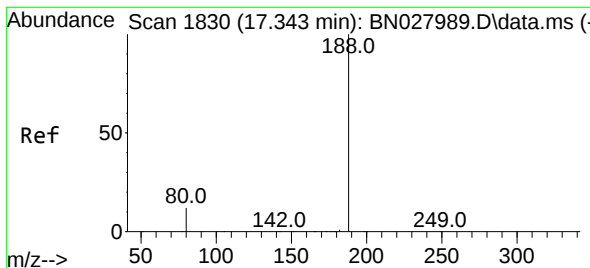
Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.8

167 13.6 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.344 min Scan# 1830

Delta R.T. 0.001 min

Lab File: BN028003.D

Acq: 03 Oct 2023 00:50

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

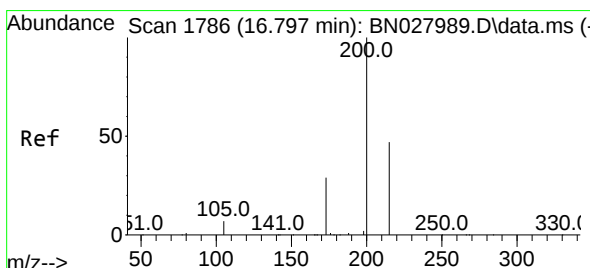
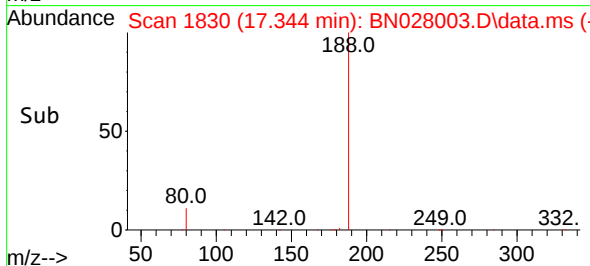
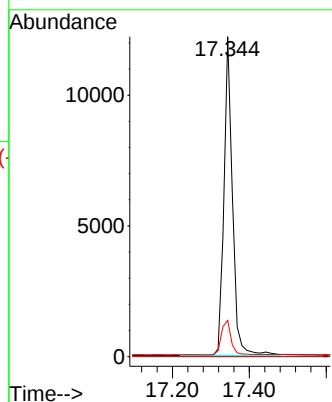
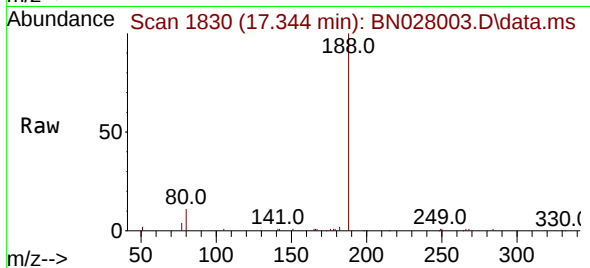
Tgt Ion:188 Resp: 18927

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 10.2 15.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.318 ng

RT: 16.797 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BN028003.D

Acq: 03 Oct 2023 00:50

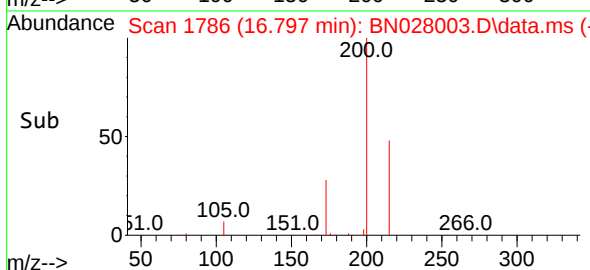
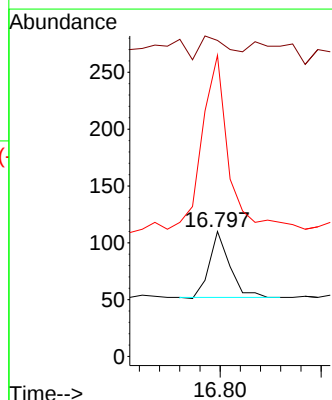
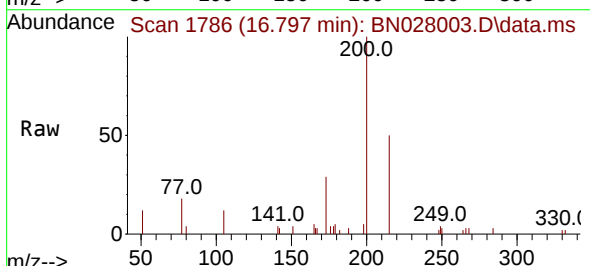
Tgt Ion:198 Resp: 80

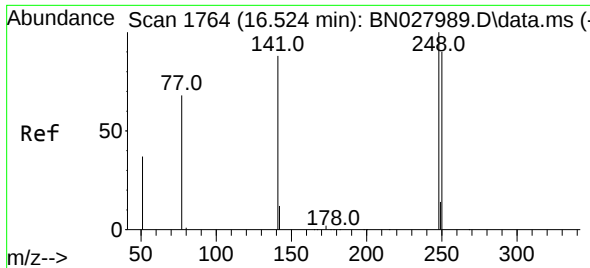
Ion Ratio Lower Upper

198 100

51 252.7 180.7 271.1

105 240.9 222.2 333.2

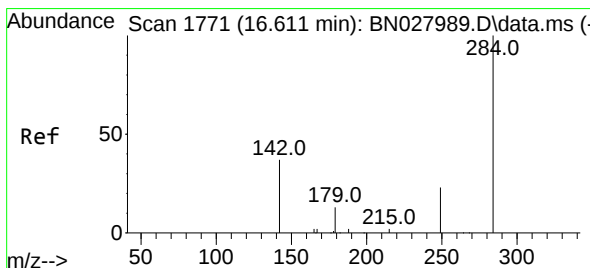
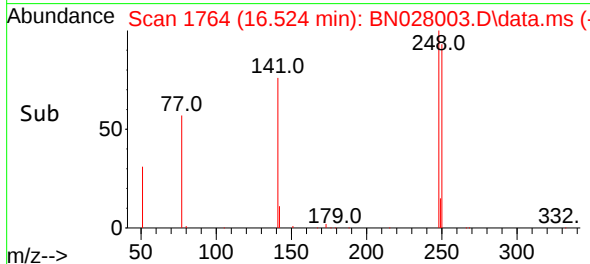
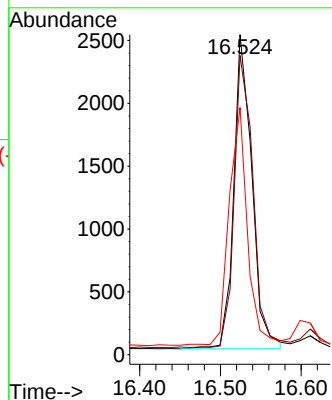
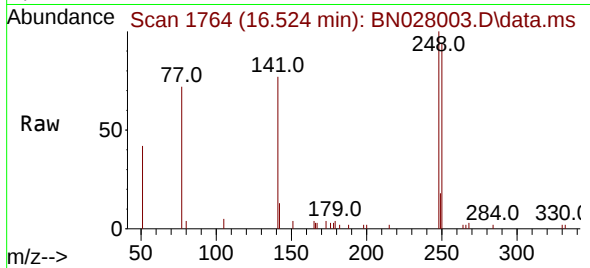




#21  
4-Bromophenyl-phenylether  
Concen: 0.394 ng  
RT: 16.524 min Scan# 1764  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

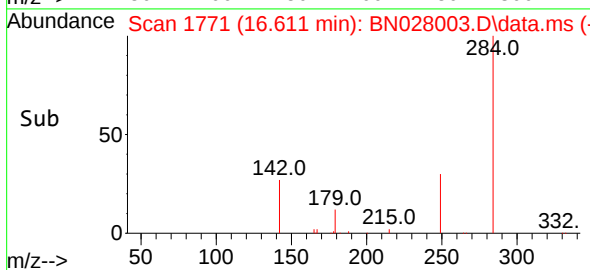
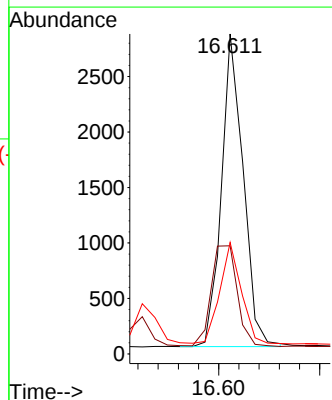
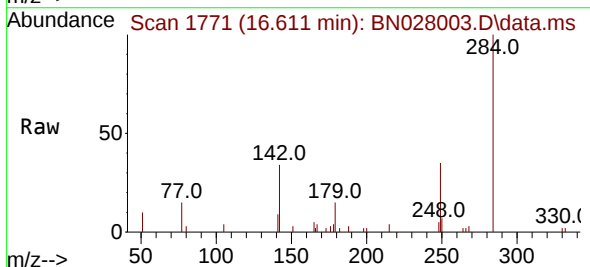
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

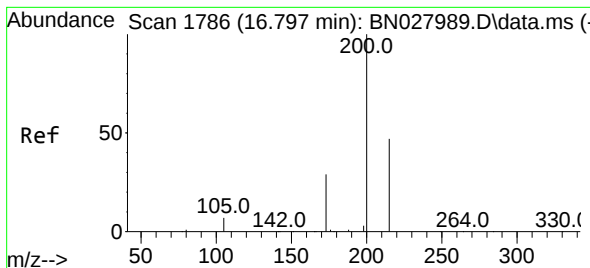
Tgt Ion:248 Resp: 3890  
Ion Ratio Lower Upper  
248 100  
250 93.5 72.3 108.5  
141 77.3 71.8 107.6



#22  
Hexachlorobenzene  
Concen: 0.407 ng  
RT: 16.611 min Scan# 1771  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

Tgt Ion:284 Resp: 4213  
Ion Ratio Lower Upper  
284 100  
142 38.5 29.9 44.9  
249 31.5 25.0 37.4





#23

Atrazine

Concen: 0.385 ng

RT: 16.797 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BN028003.D

Acq: 03 Oct 2023 00:50

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

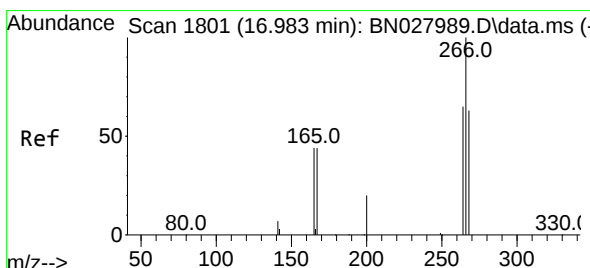
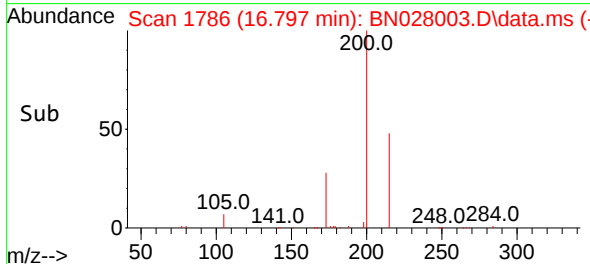
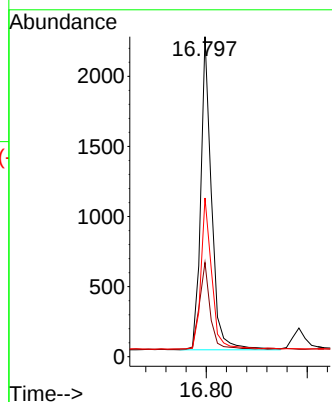
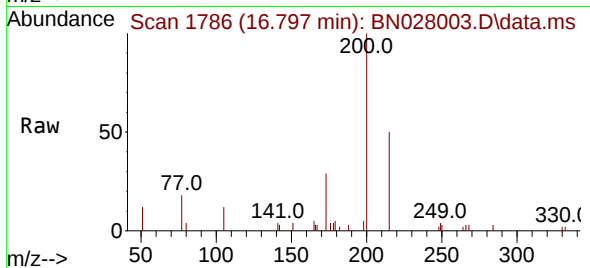
Tgt Ion:200 Resp: 3322

Ion Ratio Lower Upper

200 100

173 29.5 24.7 37.1

215 49.6 39.0 58.6



#24

Pentachlorophenol

Concen: 0.298 ng

RT: 16.984 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BN028003.D

Acq: 03 Oct 2023 00:50

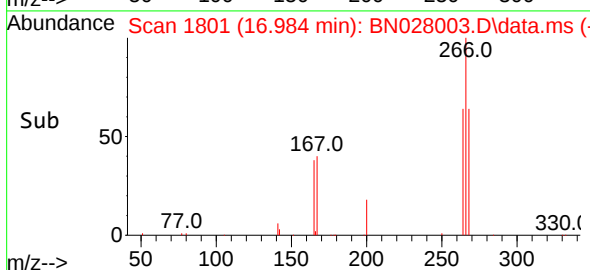
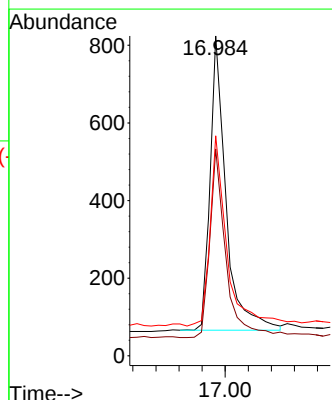
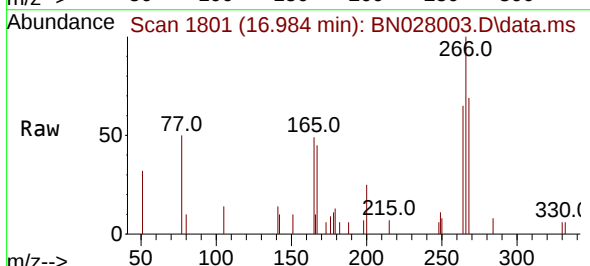
Tgt Ion:266 Resp: 1452

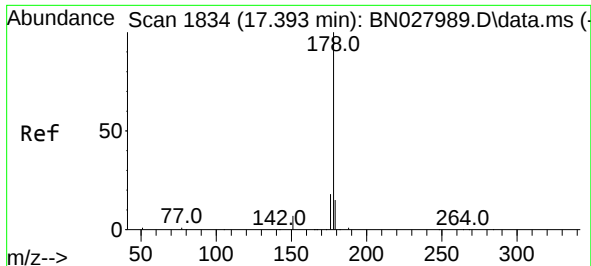
Ion Ratio Lower Upper

266 100

264 66.3 52.7 79.1

268 69.2 56.2 84.2

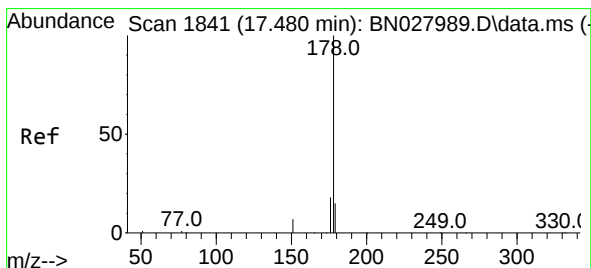
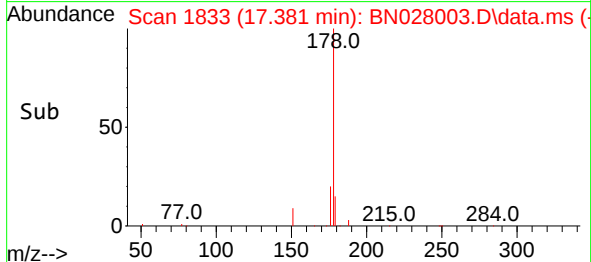
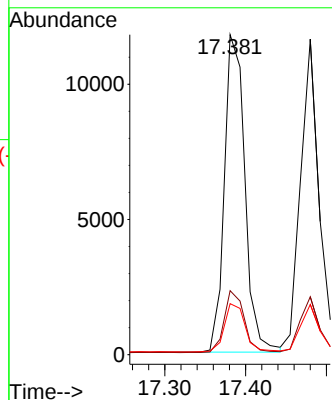
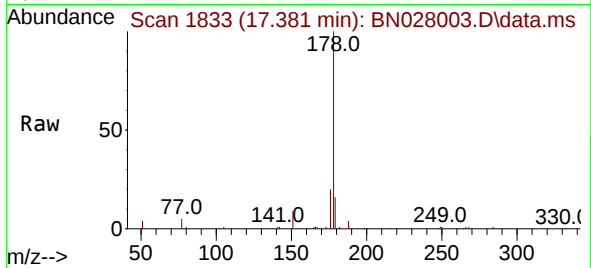




#25  
Phenanthrene  
Concen: 0.406 ng  
RT: 17.381 min Scan# 1833  
Delta R.T. -0.012 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

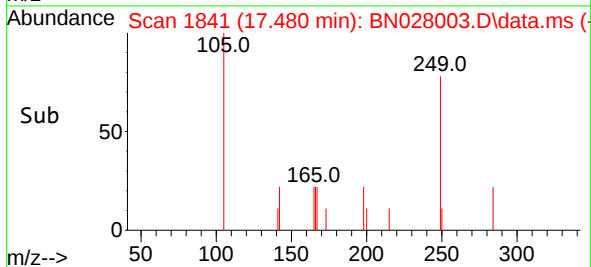
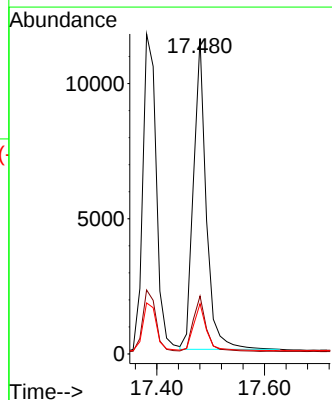
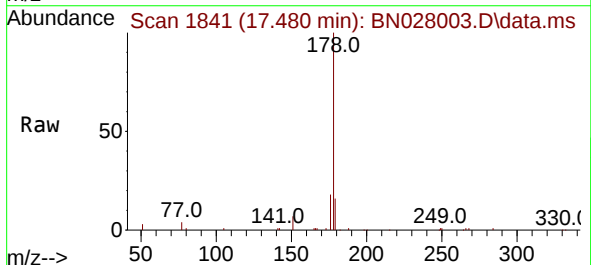
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

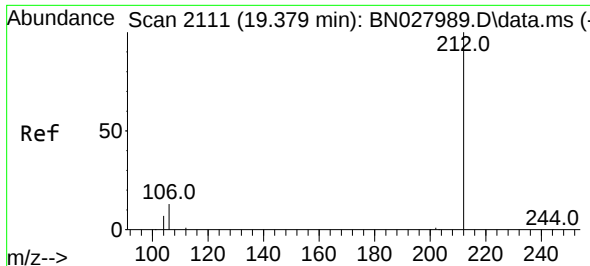
Tgt Ion:178 Resp: 20724  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.3 22.9  
179 15.3 12.4 18.6



#26  
Anthracene  
Concen: 0.392 ng  
RT: 17.480 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

Tgt Ion:178 Resp: 18909  
Ion Ratio Lower Upper  
178 100  
176 17.9 14.7 22.1  
179 15.2 12.2 18.2

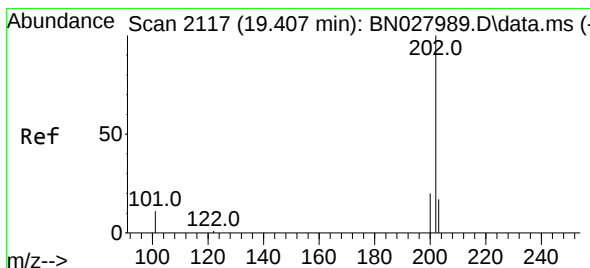
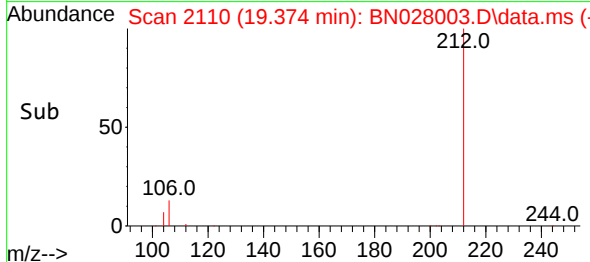
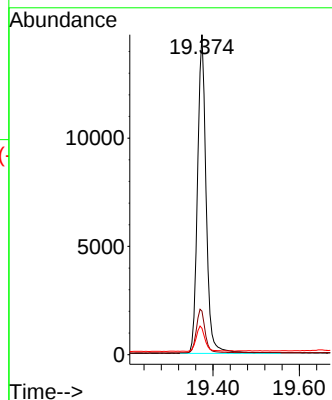
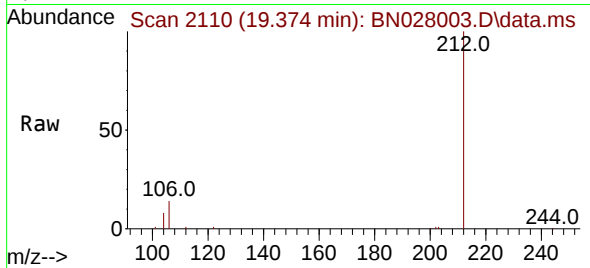




#27  
Fluoranthene-d10  
Concen: 0.428 ng  
RT: 19.374 min Scan# 2110  
Delta R.T. -0.005 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

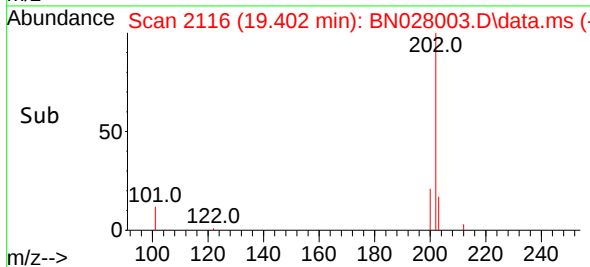
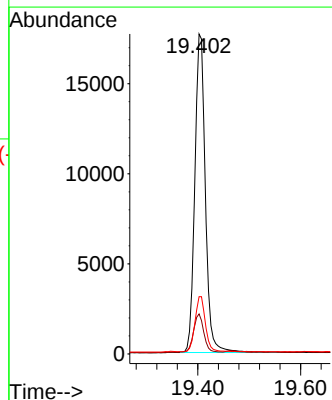
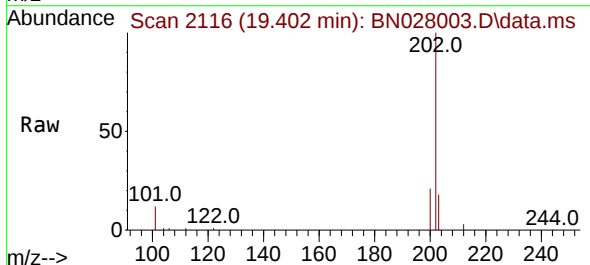
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

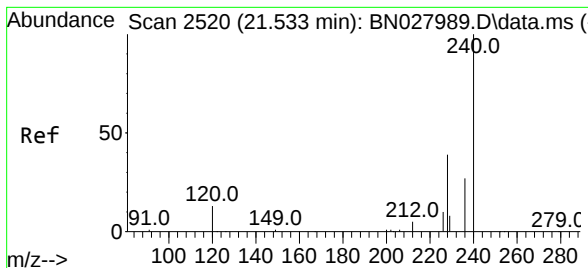
Tgt Ion:212 Resp: 20358  
Ion Ratio Lower Upper  
212 100  
106 14.0 11.3 16.9  
104 8.0 6.4 9.6



#28  
Fluoranthene  
Concen: 0.431 ng  
RT: 19.402 min Scan# 2116  
Delta R.T. -0.005 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

Tgt Ion:202 Resp: 25365  
Ion Ratio Lower Upper  
202 100  
101 12.1 9.8 14.6  
203 17.1 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.524 min Scan# 2119

Delta R.T. -0.009 min

Lab File: BN028003.D

Acq: 03 Oct 2023 00:50

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

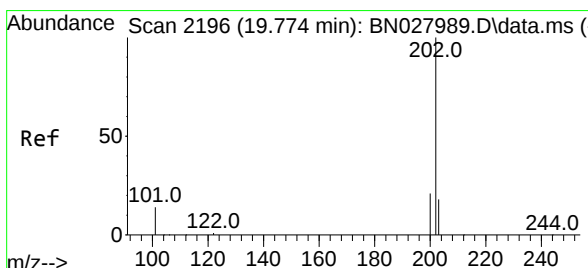
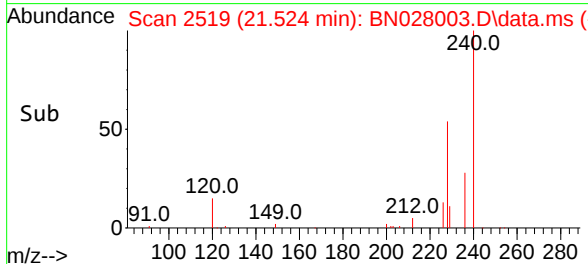
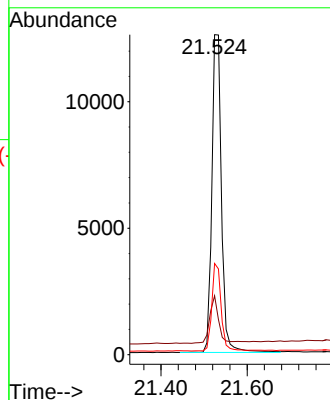
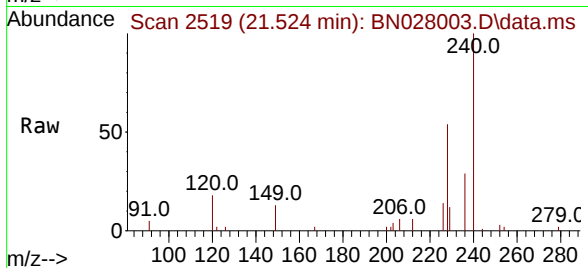
Tgt Ion:240 Resp: 19573

Ion Ratio Lower Upper

240 100

120 18.4 13.8 20.6

236 28.5 22.6 33.8



#30

Pyrene

Concen: 0.367 ng

RT: 19.769 min Scan# 2195

Delta R.T. -0.005 min

Lab File: BN028003.D

Acq: 03 Oct 2023 00:50

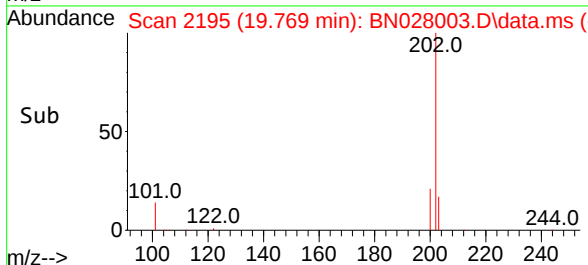
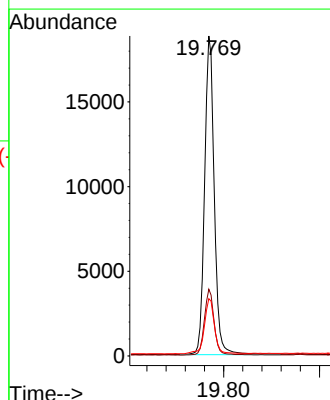
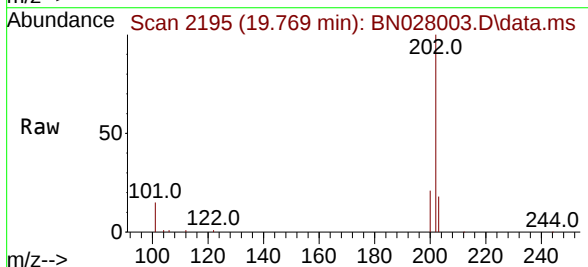
Tgt Ion:202 Resp: 26313

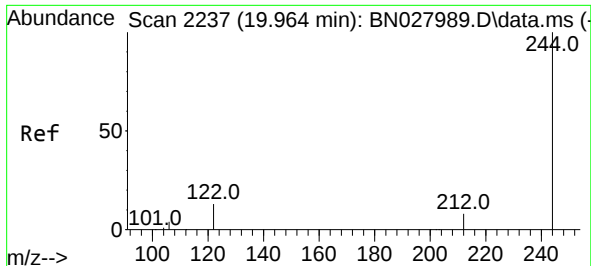
Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

203 18.1 14.7 22.1

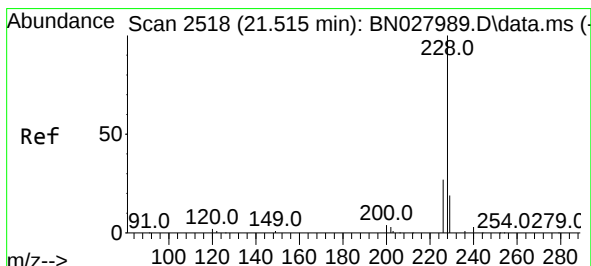
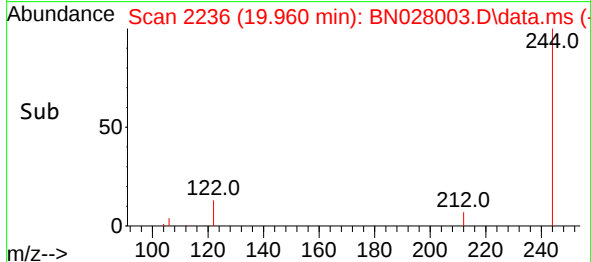
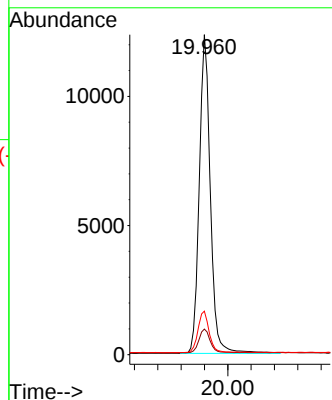
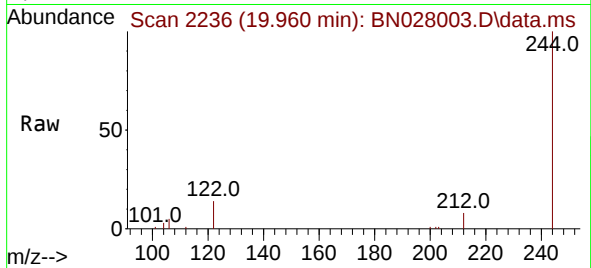




#31  
 Terphenyl-d14  
 Concen: 0.355 ng  
 RT: 19.960 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BN028003.D  
 Acq: 03 Oct 2023 00:50

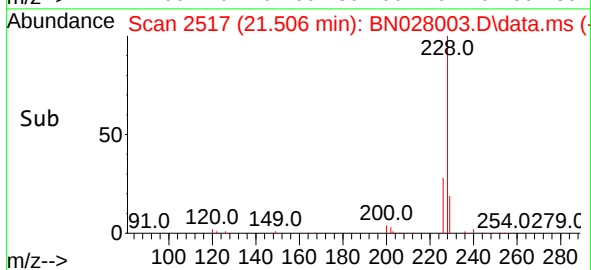
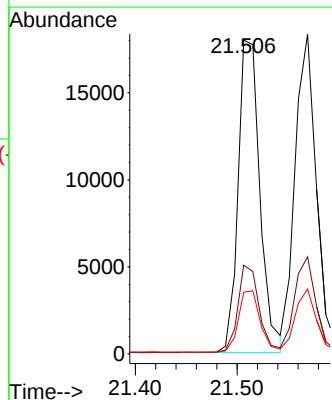
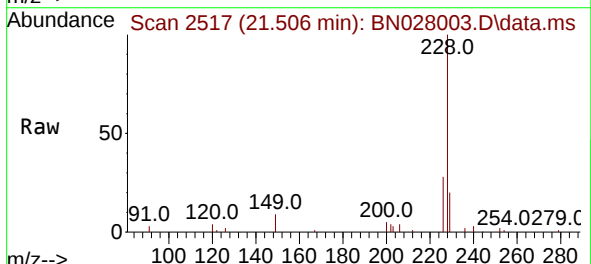
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

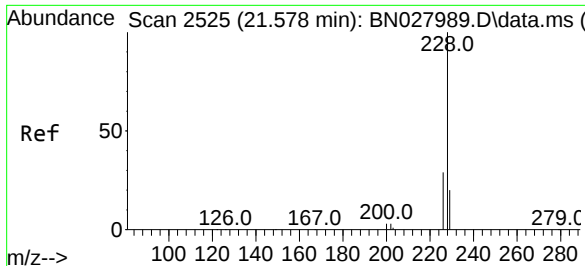
Tgt Ion:244 Resp: 16210  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.6 9.8  
 122 13.6 11.4 17.0



#32  
 Benzo(a)anthracene  
 Concen: 0.402 ng  
 RT: 21.506 min Scan# 2517  
 Delta R.T. -0.009 min  
 Lab File: BN028003.D  
 Acq: 03 Oct 2023 00:50

Tgt Ion:228 Resp: 26771  
 Ion Ratio Lower Upper  
 228 100  
 226 28.3 22.0 33.0  
 229 19.7 16.0 24.0





#33

Chrysene

Concen: 0.416 ng

RT: 21.569 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN028003.D

Acq: 03 Oct 2023 00:50

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

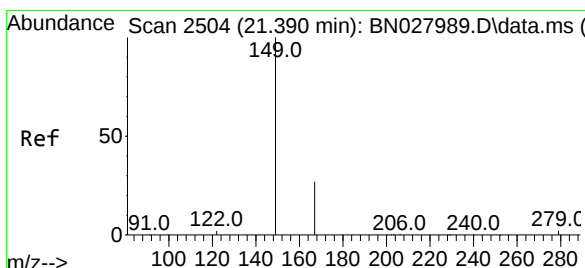
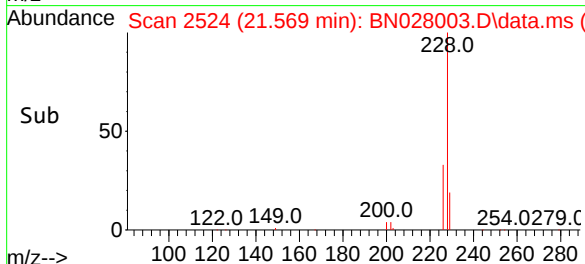
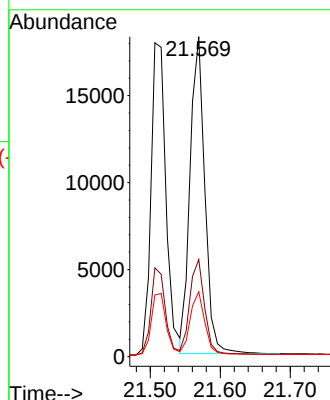
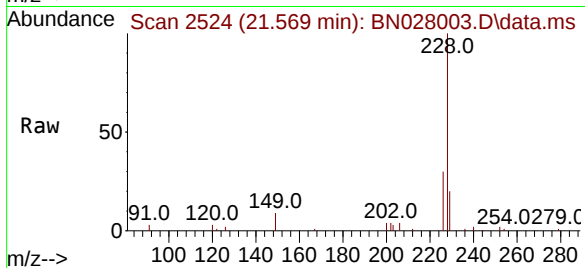
Tgt Ion:228 Resp: 26673

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.8

229 20.3 16.6 25.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.363 ng

RT: 21.390 min Scan# 2504

Delta R.T. 0.000 min

Lab File: BN028003.D

Acq: 03 Oct 2023 00:50

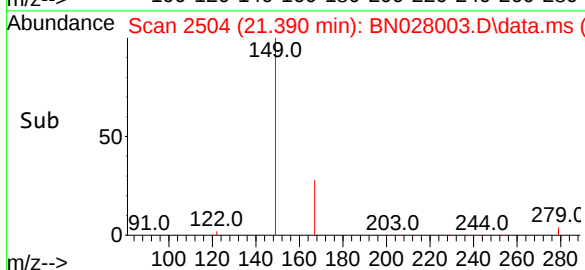
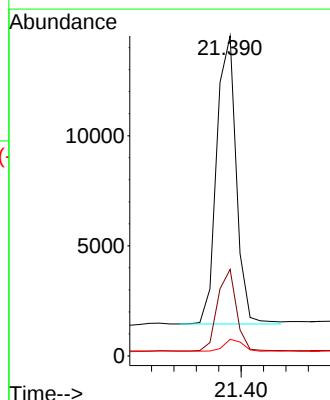
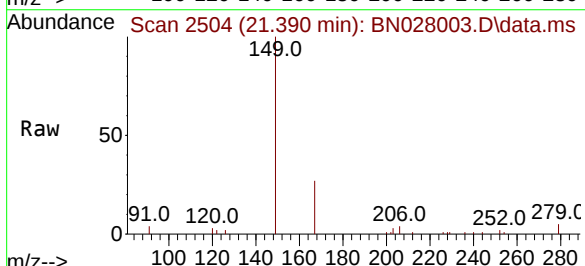
Tgt Ion:149 Resp: 15882

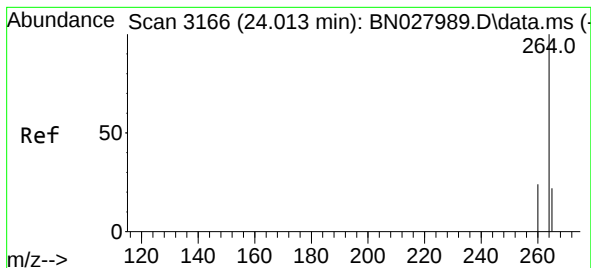
Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

279 4.1 3.4 5.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.002 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN028003.D

Acq: 03 Oct 2023 00:50

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

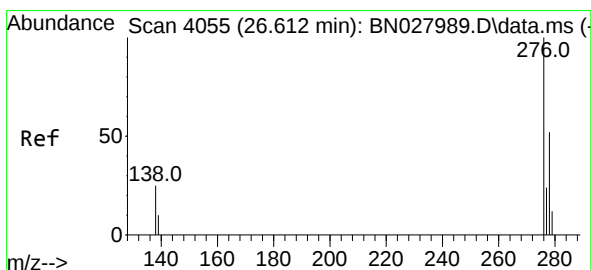
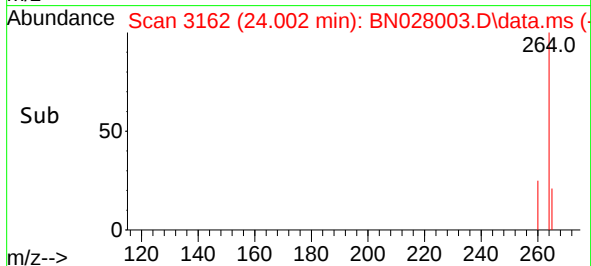
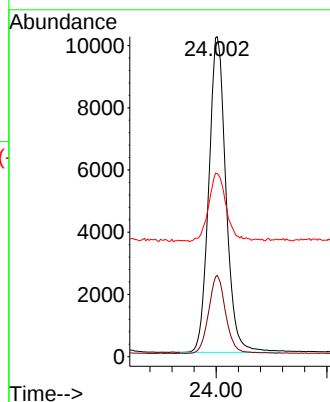
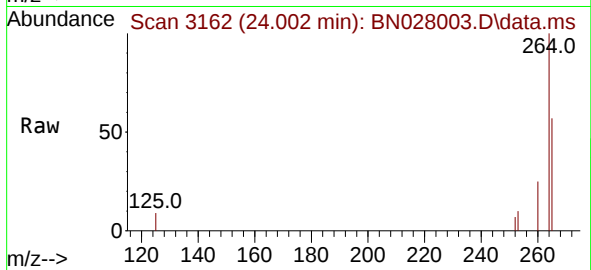
Tgt Ion:264 Resp: 21897

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.4

265 57.2 54.8 82.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.395 ng

RT: 26.601 min Scan# 4051

Delta R.T. -0.012 min

Lab File: BN028003.D

Acq: 03 Oct 2023 00:50

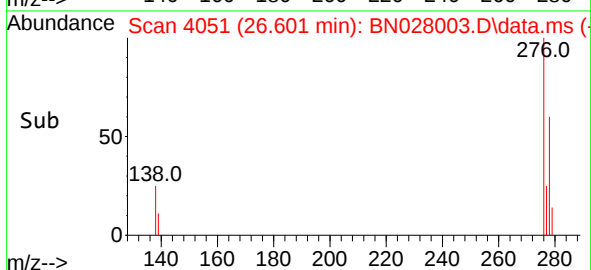
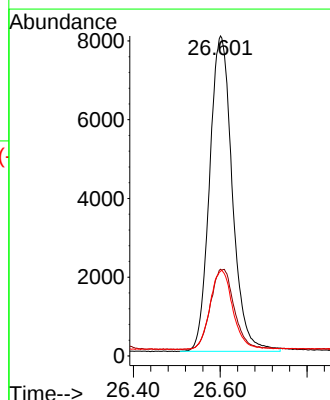
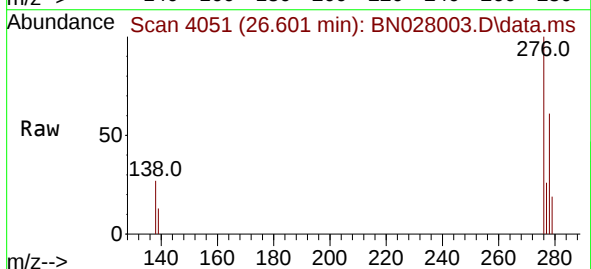
Tgt Ion:276 Resp: 29107

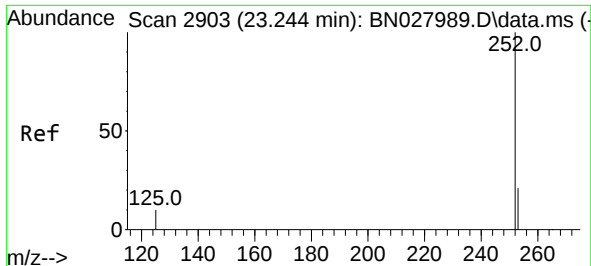
Ion Ratio Lower Upper

276 100

138 26.4 20.9 31.3

277 25.1 19.8 29.6

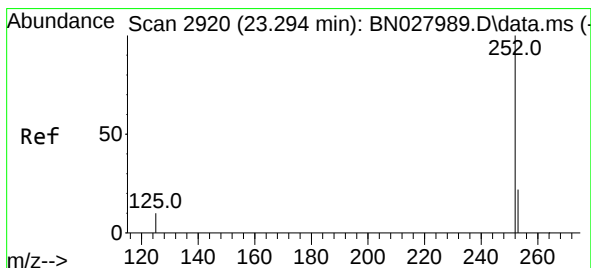
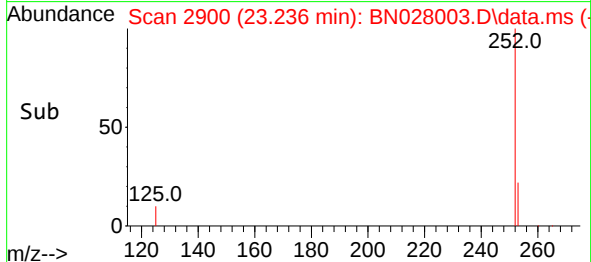
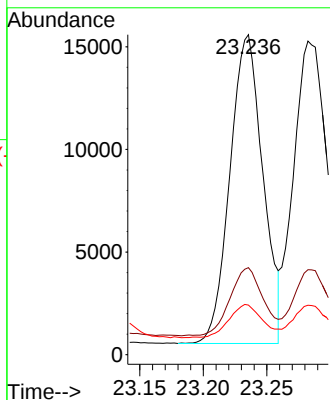
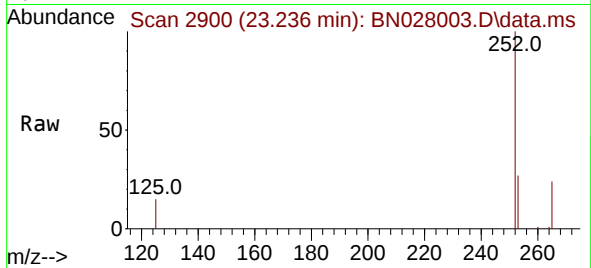




#37  
Benzo(b)fluoranthene  
Concen: 0.384 ng  
RT: 23.236 min Scan# 2900  
Delta R.T. -0.009 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

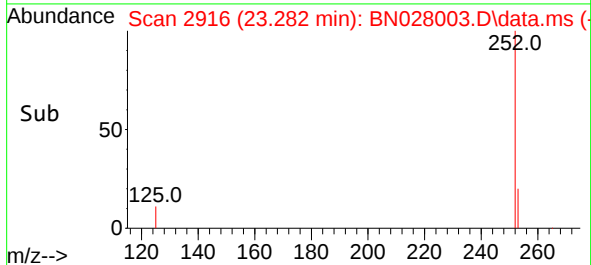
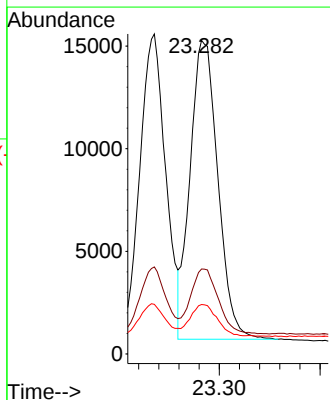
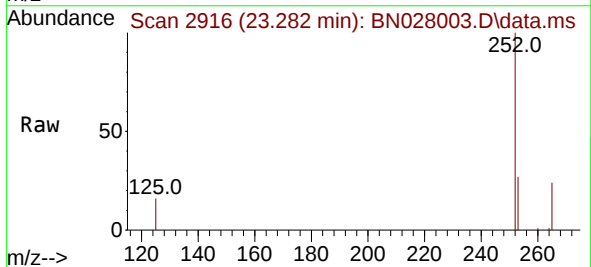
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

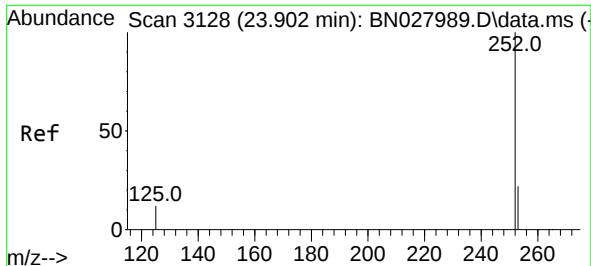
Tgt Ion:252 Resp: 27156  
Ion Ratio Lower Upper  
252 100  
253 27.2 22.9 34.3  
125 15.5 13.8 20.8



#38  
Benzo(k)fluoranthene  
Concen: 0.388 ng  
RT: 23.282 min Scan# 2916  
Delta R.T. -0.012 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

Tgt Ion:252 Resp: 27854  
Ion Ratio Lower Upper  
252 100  
253 27.1 23.1 34.7  
125 15.8 13.8 20.8





#39

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.887 min Scan# 31

Delta R.T. -0.015 min

Lab File: BN028003.D

Acq: 03 Oct 2023 00:50

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

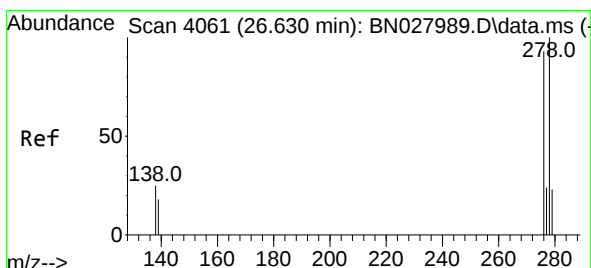
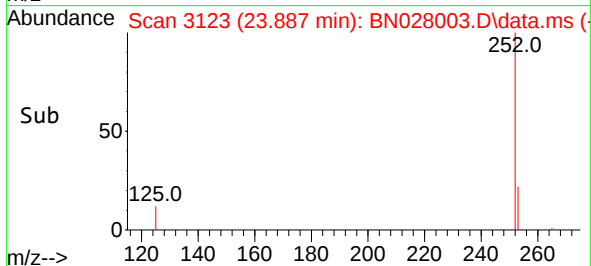
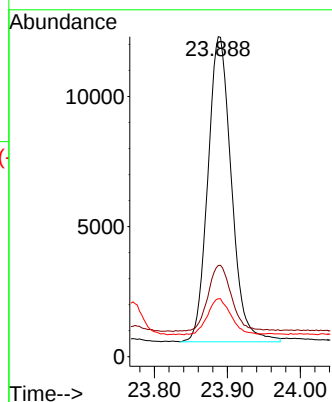
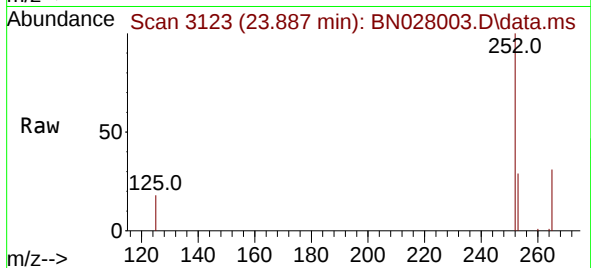
Tgt Ion:252 Resp: 26332

Ion Ratio Lower Upper

252 100

253 28.5 25.0 37.4

125 18.1 16.6 24.8



#40

Dibenzo(a,h)anthracene

Concen: 0.400 ng

RT: 26.615 min Scan# 4056

Delta R.T. -0.015 min

Lab File: BN028003.D

Acq: 03 Oct 2023 00:50

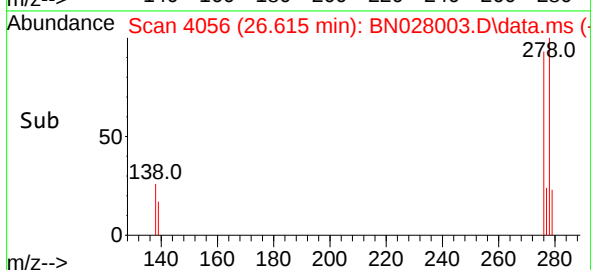
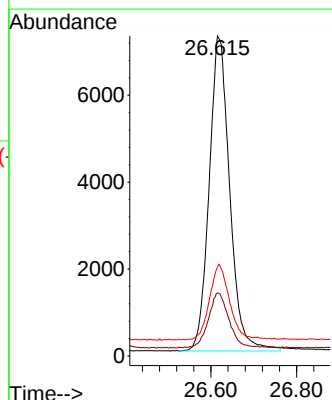
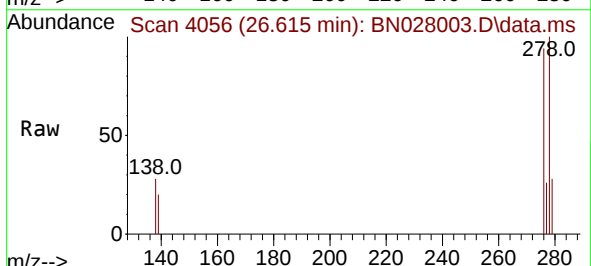
Tgt Ion:278 Resp: 24123

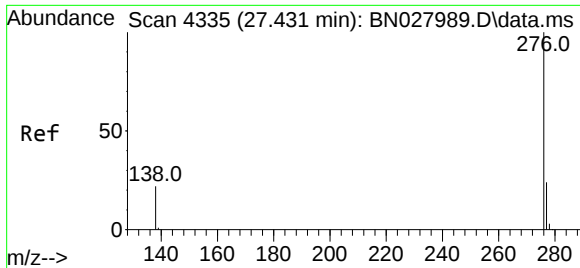
Ion Ratio Lower Upper

278 100

139 19.7 17.7 26.5

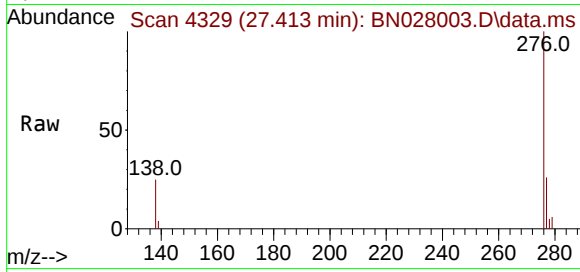
279 27.8 25.2 37.8





#41  
Benzo(g,h,i)perylene  
Concen: 0.383 ng  
RT: 27.413 min Scan# 41  
Delta R.T. -0.017 min  
Lab File: BN028003.D  
Acq: 03 Oct 2023 00:50

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 23713 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 25.5  | 22.1  | 33.1  |
| 138      | 24.5  | 20.8  | 31.2  |

