

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091123\  
 Data File : BN027561.D  
 Acq On : 11 Sep 2023 04:56  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Sep 11 05:26:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 11 05:26:09 2023  
 Response via : Initial Calibration

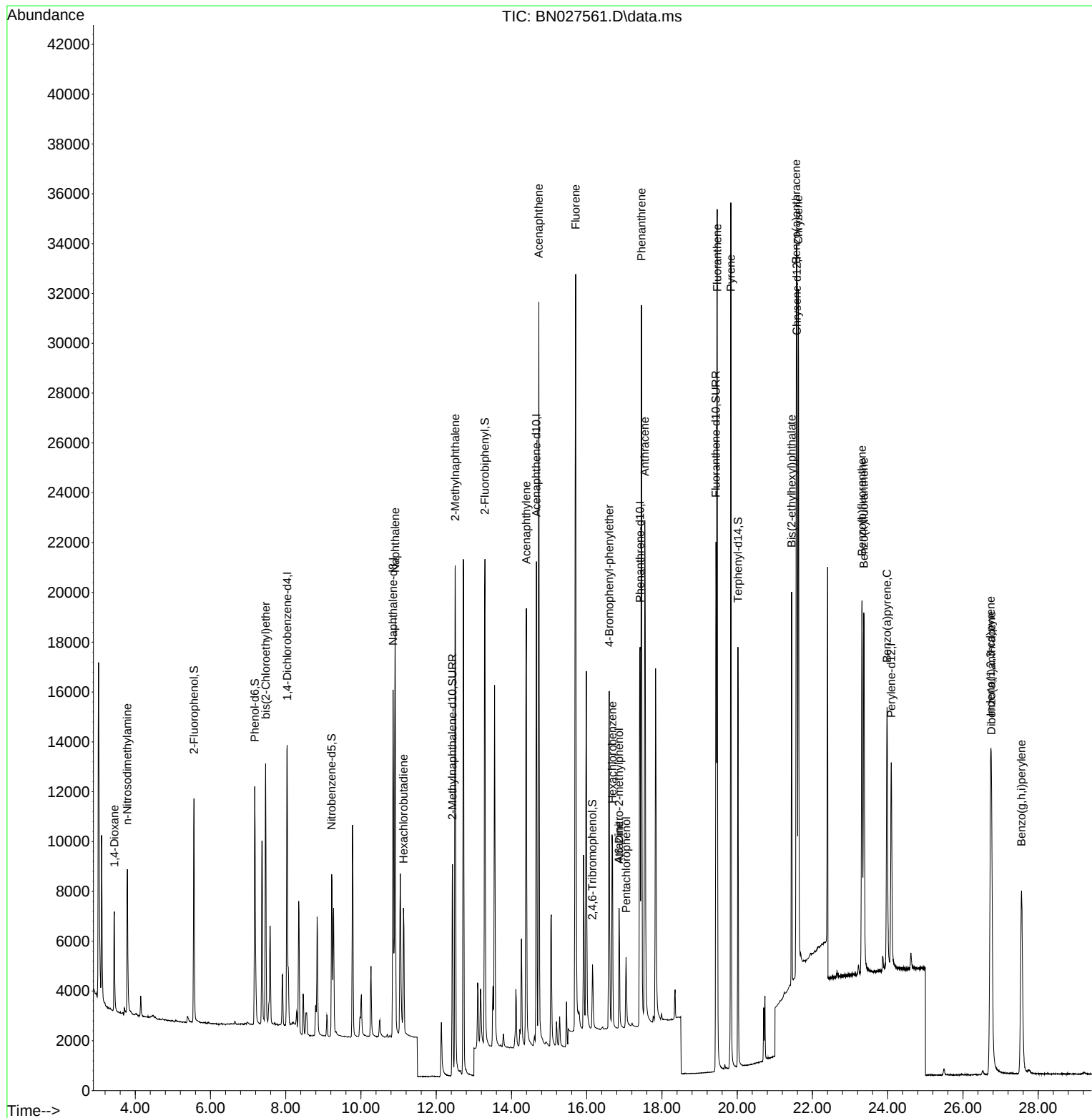
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.037  | 152  | 5855     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.853 | 136  | 18954    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.662 | 164  | 11317    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.418 | 188  | 24715    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.587 | 240  | 16254    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.095 | 264  | 13154    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.560  | 112  | 7574     | 0.496 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.178  | 99   | 9471     | 0.510 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.219  | 82   | 6011     | 0.435 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.430 | 152  | 12153    | 0.437 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.152 | 330  | 1669     | 0.398 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.293 | 172  | 19184    | 0.446 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.435 | 212  | 24174    | 0.393 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.020 | 244  | 17161    | 0.526 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.444  | 88   | 2991     | 0.418 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.790  | 42   | 3474     | 0.458 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.467  | 93   | 7785     | 0.434 | ng    | 100      |
| 9) Naphthalene                | 10.906 | 128  | 22264    | 0.431 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.130 | 225  | 4030     | 0.418 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.506 | 142  | 15823    | 0.430 | ng    | 100      |
| 16) Acenaphthylene            | 14.395 | 152  | 21133    | 0.410 | ng    | 100      |
| 17) Acenaphthene              | 14.726 | 154  | 14998    | 0.436 | ng    | 97       |
| 18) Fluorene                  | 15.705 | 166  | 19519    | 0.426 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 16.859 | 198  | 139      | 0.395 | ng    | # 35     |
| 21) 4-Bromophenyl-phenylether | 16.599 | 248  | 6225     | 0.478 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.686 | 284  | 6779     | 0.438 | ng    | 98       |
| 23) Atrazine                  | 16.859 | 200  | 4227     | 0.433 | ng    | 96       |
| 24) Pentachlorophenol         | 17.046 | 266  | 1666     | 0.280 | ng    | 99       |
| 25) Phenanthrene              | 17.455 | 178  | 30664    | 0.422 | ng    | 99       |
| 26) Anthracene                | 17.542 | 178  | 25876    | 0.419 | ng    | 100      |
| 28) Fluoranthene              | 19.467 | 202  | 32453    | 0.380 | ng    | 99       |
| 30) Pyrene                    | 19.830 | 202  | 32135    | 0.497 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.569 | 228  | 23750    | 0.426 | ng    | 99       |
| 33) Chrysene                  | 21.623 | 228  | 26098    | 0.426 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.444 | 149  | 13720    | 0.510 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.735 | 276  | 21259    | 0.398 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 23.314 | 252  | 21367    | 0.420 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 23.364 | 252  | 21072    | 0.403 | ng    | 97       |
| 39) Benzo(a)pyrene            | 23.981 | 252  | 18706    | 0.393 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 26.758 | 278  | 17305    | 0.413 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 27.554 | 276  | 18856    | 0.389 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

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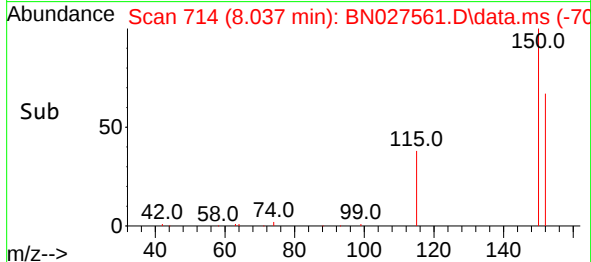
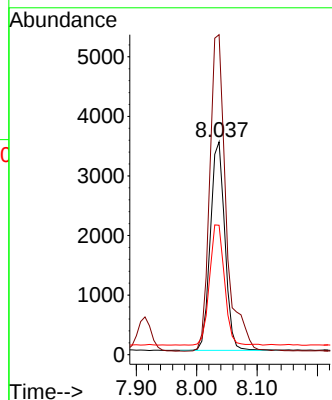
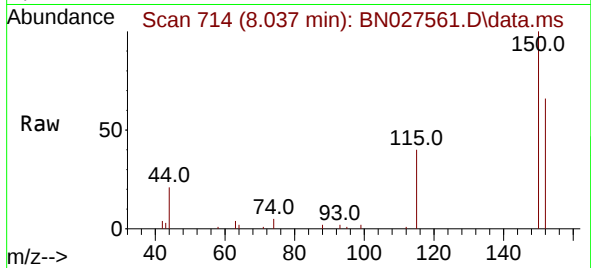




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.037 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BN027561.D  
 Acq: 11 Sep 2023 04:56

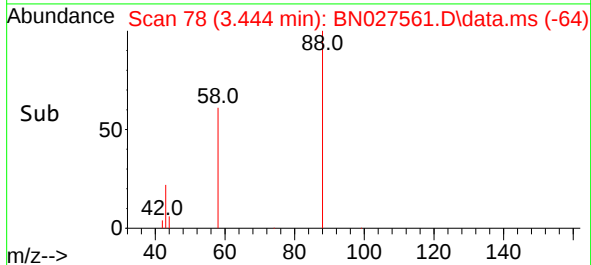
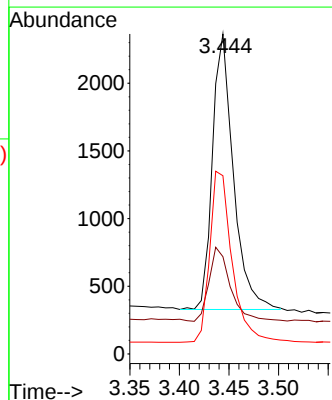
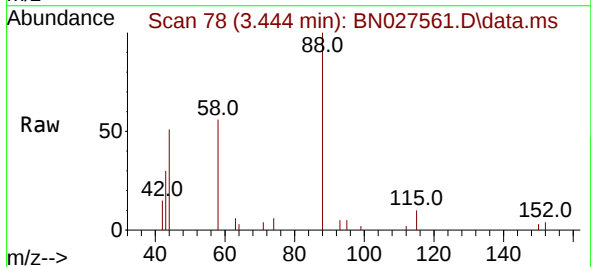
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion:152 Resp: 5855  
 Ion Ratio Lower Upper  
 152 100  
 150 150.4 122.7 184.1  
 115 60.8 48.6 73.0



#2  
 1,4-Dioxane  
 Concen: 0.418 ng  
 RT: 3.444 min Scan# 78  
 Delta R.T. 0.000 min  
 Lab File: BN027561.D  
 Acq: 11 Sep 2023 04:56

Tgt Ion: 88 Resp: 2991  
 Ion Ratio Lower Upper  
 88 100  
 43 27.4 19.1 28.7  
 58 66.2 52.2 78.2

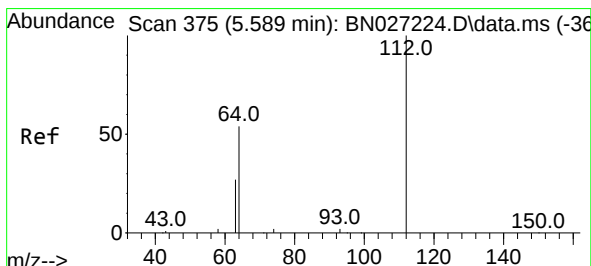
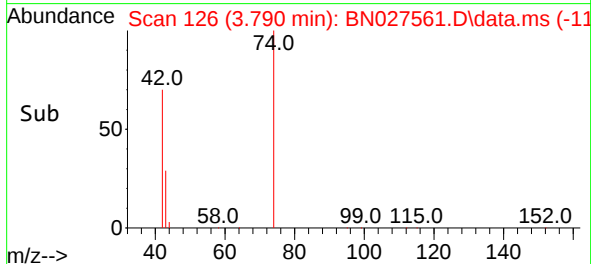
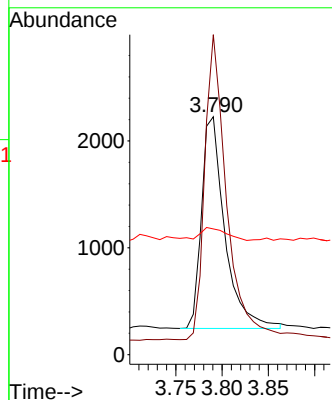
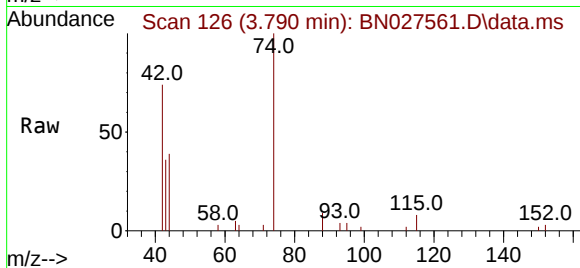




#3  
n-Nitrosodimethylamine  
Concen: 0.458 ng  
RT: 3.790 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

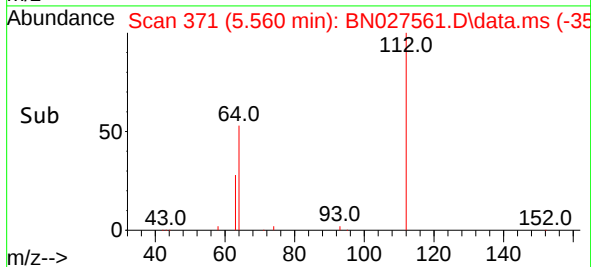
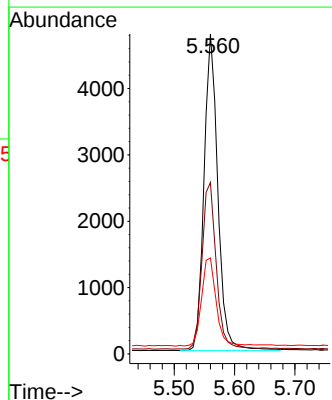
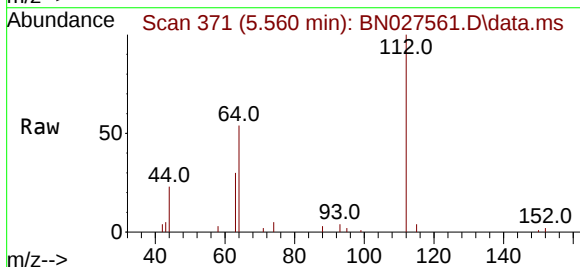
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

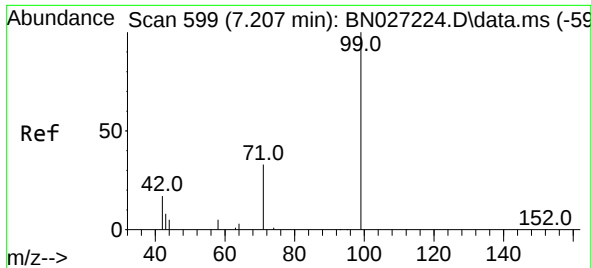
Tgt Ion: 42 Resp: 3474  
Ion Ratio Lower Upper  
42 100  
74 135.3 113.8 170.8  
44 6.8 7.3 10.9#



#4  
2-Fluorophenol  
Concen: 0.496 ng  
RT: 5.560 min Scan# 371  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

Tgt Ion: 112 Resp: 7574  
Ion Ratio Lower Upper  
112 100  
64 54.1 44.4 66.6  
63 29.8 23.1 34.7

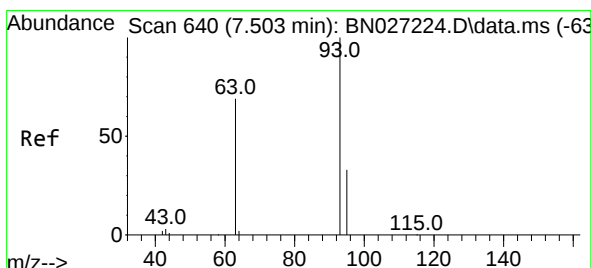
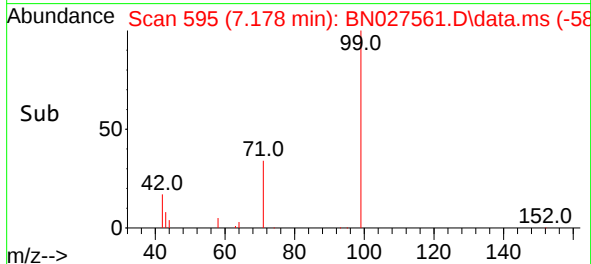
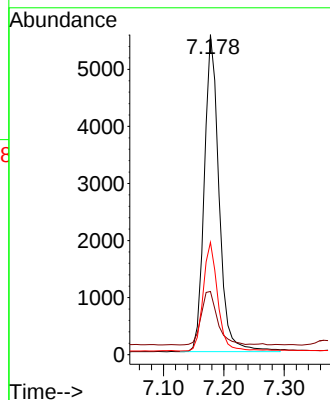
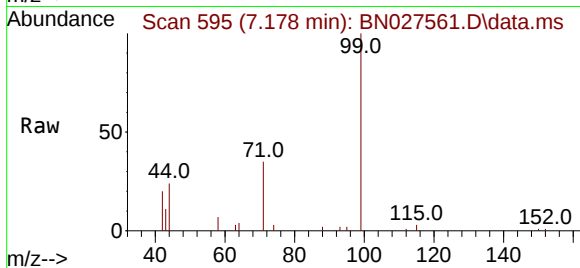




#5  
Phenol-d6  
Concen: 0.510 ng  
RT: 7.178 min Scan# 599  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

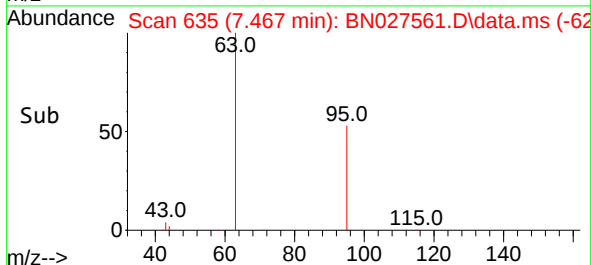
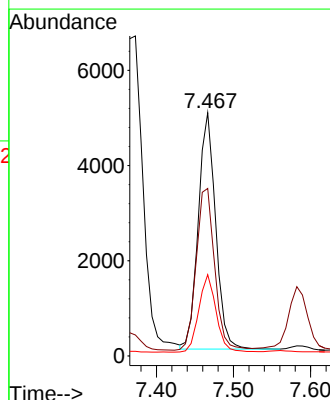
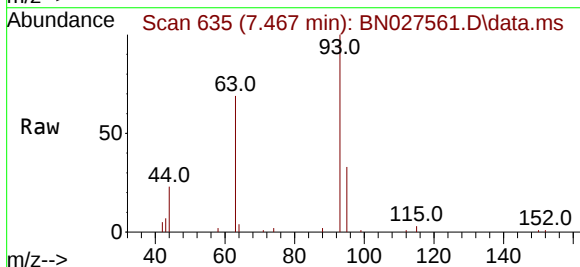
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 9471  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.7  | 14.5  | 21.7  |
| 71       | 33.8  | 25.8  | 38.6  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.434 ng  
RT: 7.467 min Scan# 635  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 7785  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 72.6  | 58.5  | 87.7  |
| 95       | 32.6  | 26.1  | 39.1  |

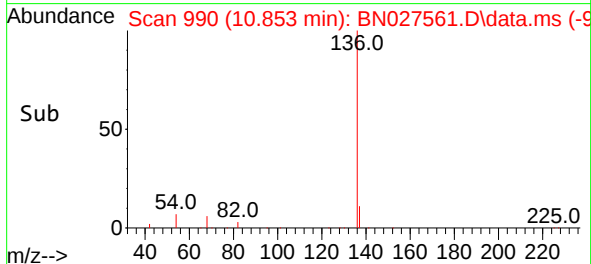
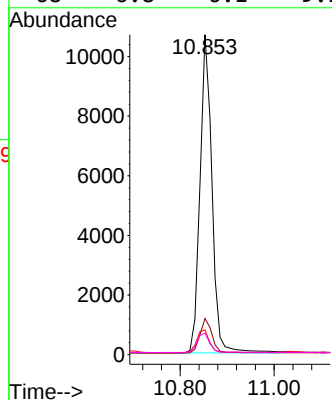
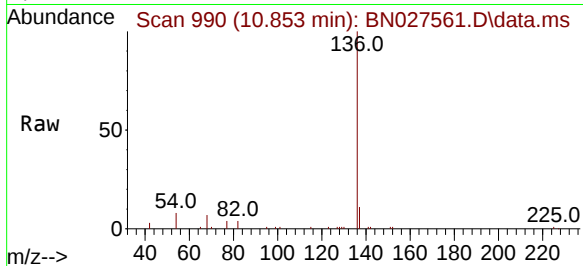




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.853 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

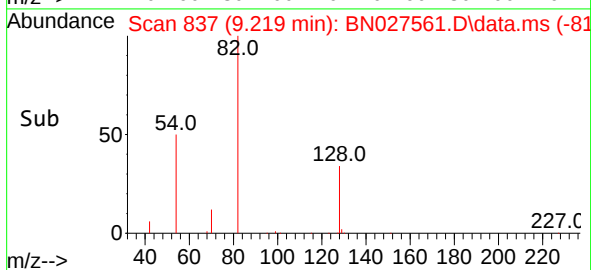
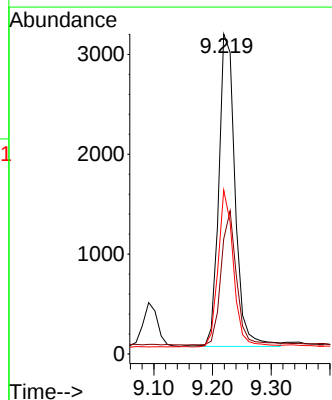
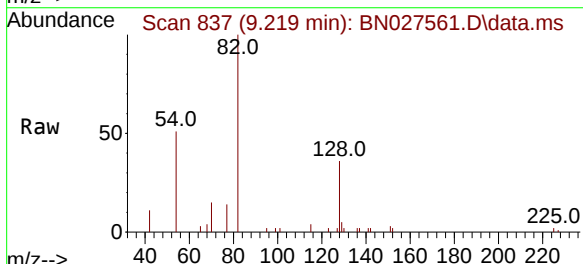
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

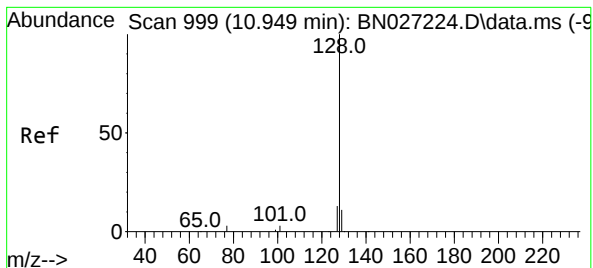
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 18954 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 9.3   | 13.9  |
| 54        | 7.7   | 6.7   | 10.1  |
| 68        | 6.8   | 6.1   | 9.1   |



#8  
Nitrobenzene-d5  
Concen: 0.435 ng  
RT: 9.219 min Scan# 837  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 6011 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 35.9  | 33.4  | 50.0 |
| 54        | 51.2  | 37.7  | 56.5 |





#9

Naphthalene

Concen: 0.431 ng

RT: 10.906 min Scan# 995

Delta R.T. 0.000 min

Lab File: BN027561.D

Acq: 11 Sep 2023 04:56

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

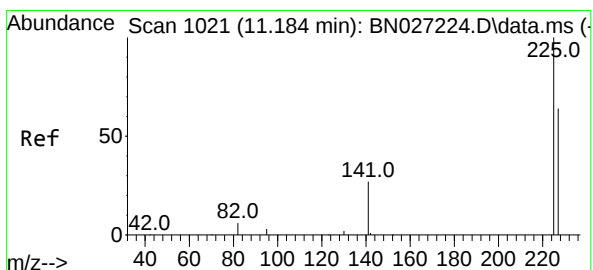
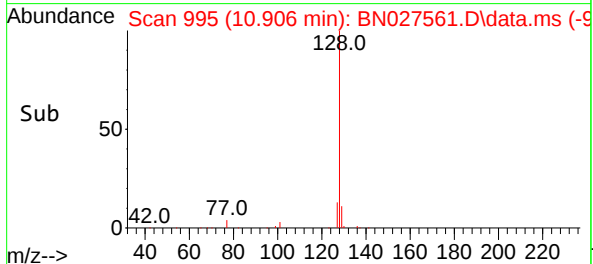
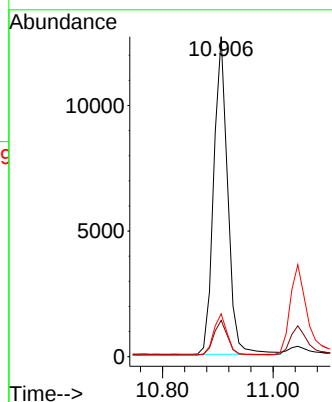
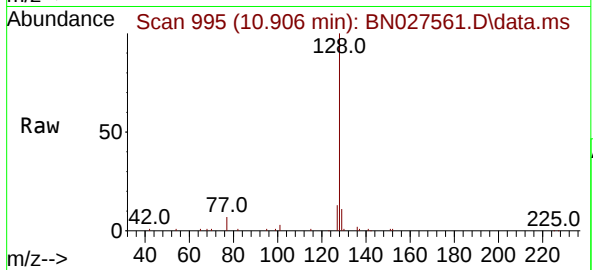
Tgt Ion:128 Resp: 22264

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

127 13.4 10.6 15.8



#10

Hexachlorobutadiene

Concen: 0.418 ng

RT: 11.130 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BN027561.D

Acq: 11 Sep 2023 04:56

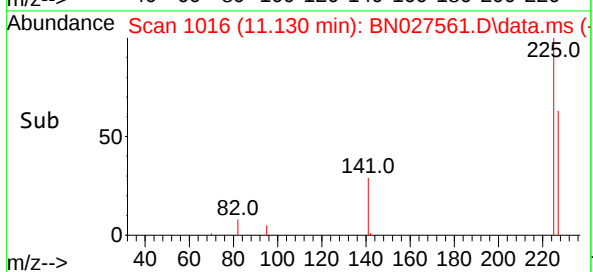
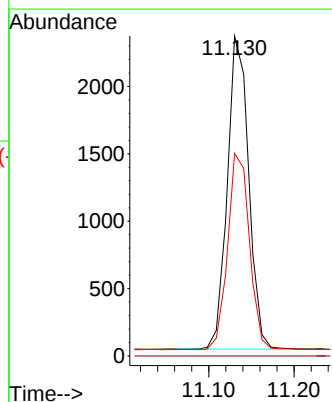
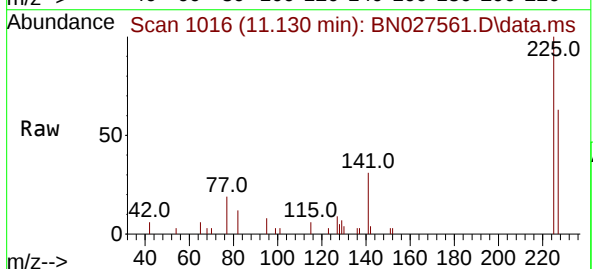
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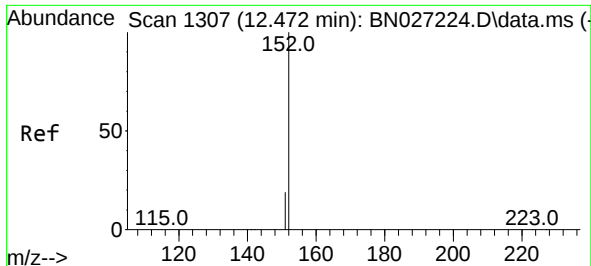
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.8 50.6 75.8





#11

2-Methylnaphthalene-d10

Concen: 0.437 ng

RT: 12.430 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BN027561.D

Acq: 11 Sep 2023 04:56

Instrument :

BNA\_N

ClientSampleId :

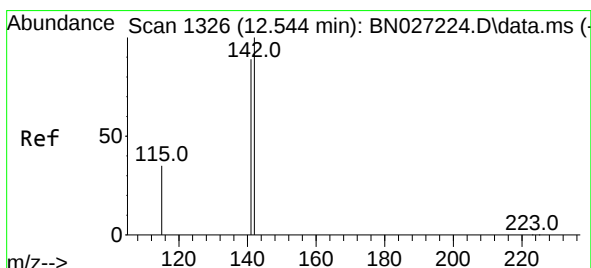
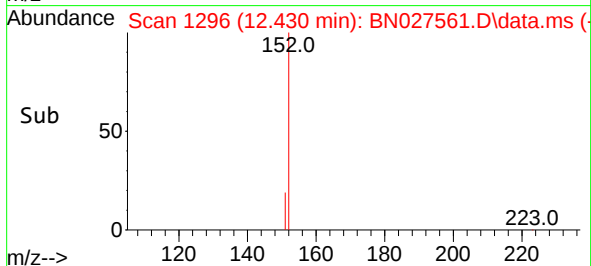
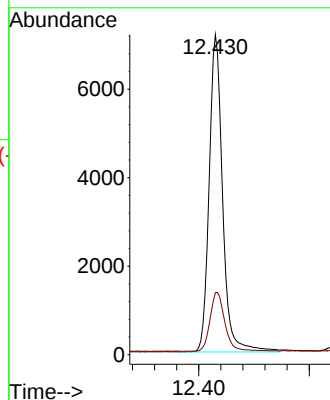
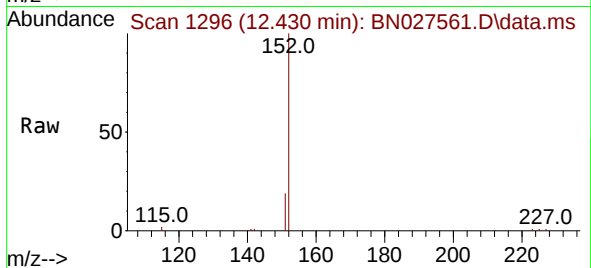
SSTDCCC0.4

Tgt Ion:152 Resp: 12153

Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0



#12

2-Methylnaphthalene

Concen: 0.430 ng

RT: 12.506 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BN027561.D

Acq: 11 Sep 2023 04:56

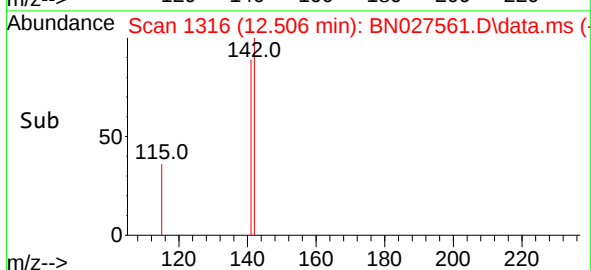
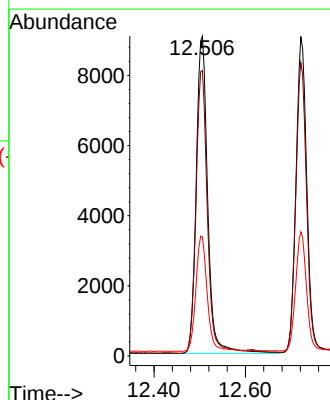
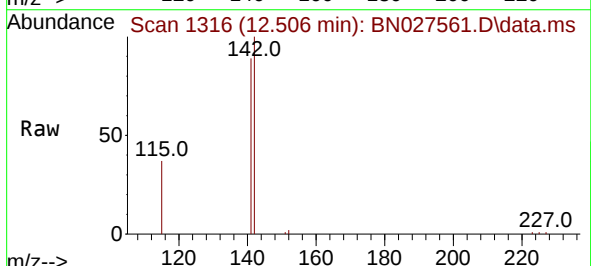
Tgt Ion:142 Resp: 15823

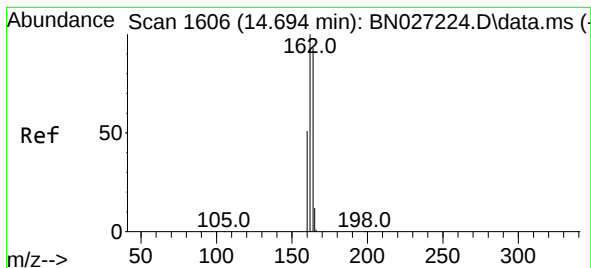
Ion Ratio Lower Upper

142 100

141 89.3 71.1 106.7

115 37.2 29.6 44.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027561.D

Acq: 11 Sep 2023 04:56

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

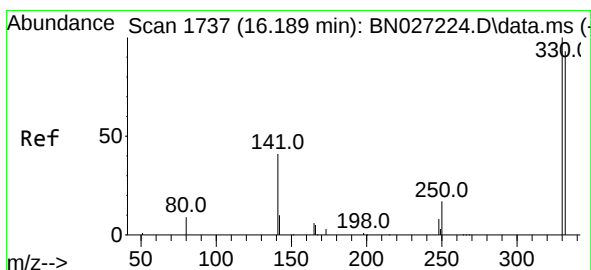
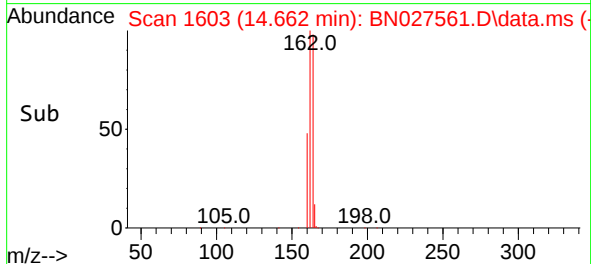
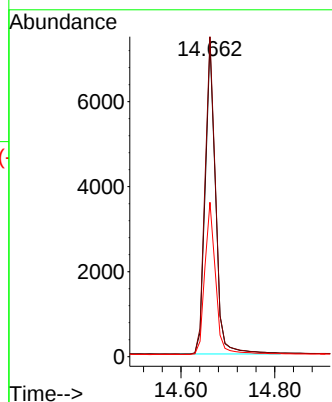
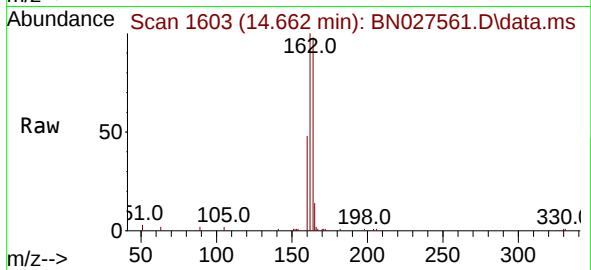
Tgt Ion:164 Resp: 11317

Ion Ratio Lower Upper

164 100

162 102.0 85.8 128.8

160 49.2 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.398 ng

RT: 16.152 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN027561.D

Acq: 11 Sep 2023 04:56

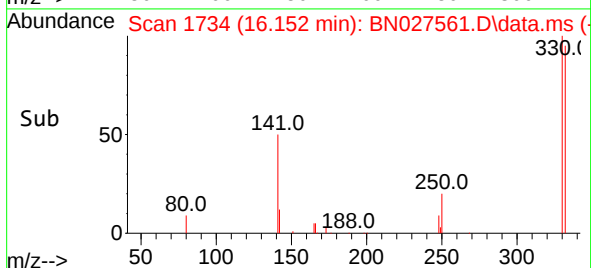
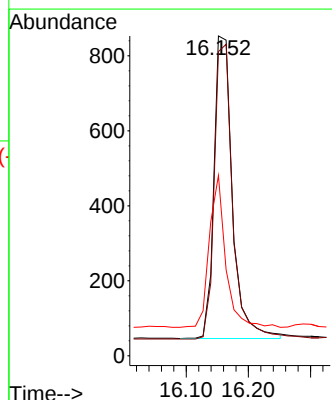
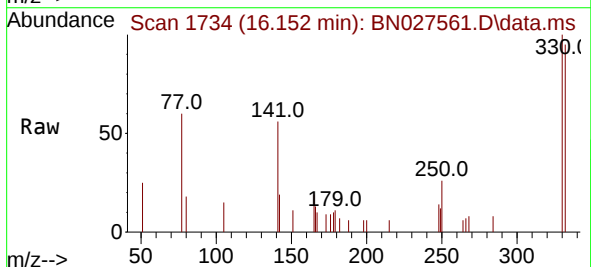
Tgt Ion:330 Resp: 1669

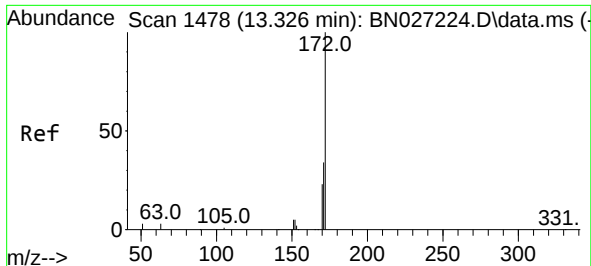
Ion Ratio Lower Upper

330 100

332 96.4 75.2 112.8

141 44.2 36.2 54.4

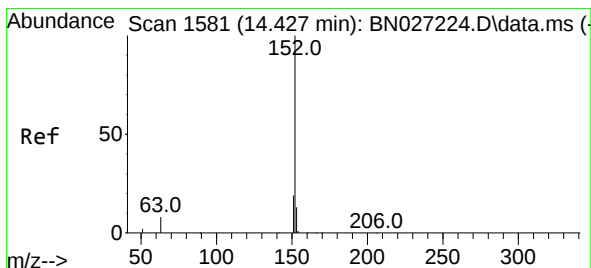
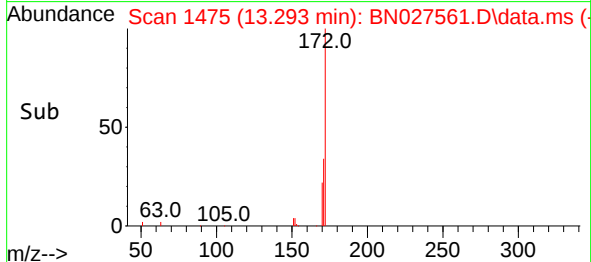
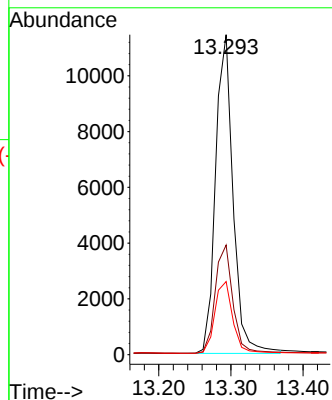
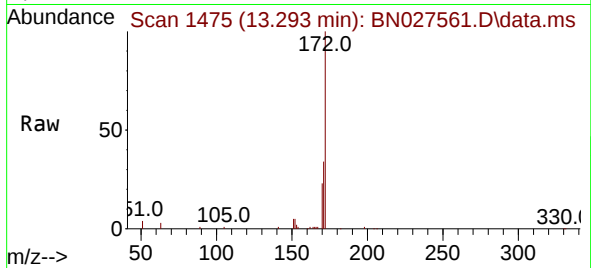




#15  
2-Fluorobiphenyl  
Concen: 0.446 ng  
RT: 13.293 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

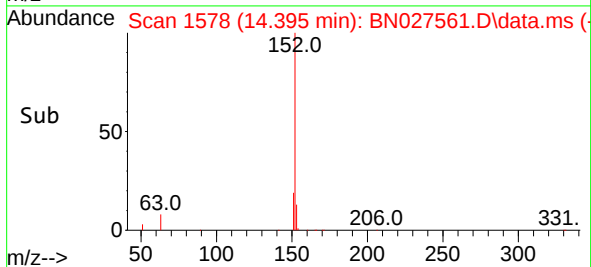
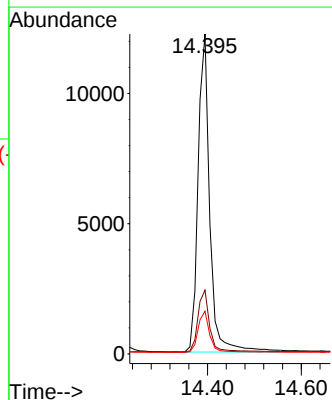
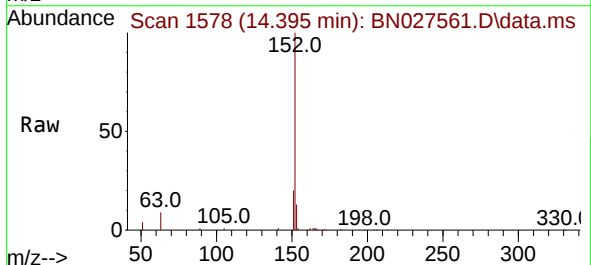
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

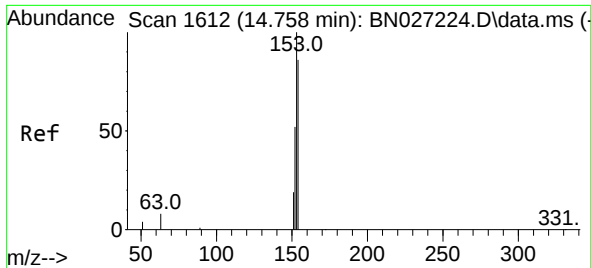
Tgt Ion:172 Resp: 19184  
Ion Ratio Lower Upper  
172 100  
171 34.2 27.8 41.8  
170 22.9 19.3 28.9



#16  
Acenaphthylene  
Concen: 0.410 ng  
RT: 14.395 min Scan# 1578  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

Tgt Ion:152 Resp: 21133  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.5 23.3  
153 13.0 10.3 15.5

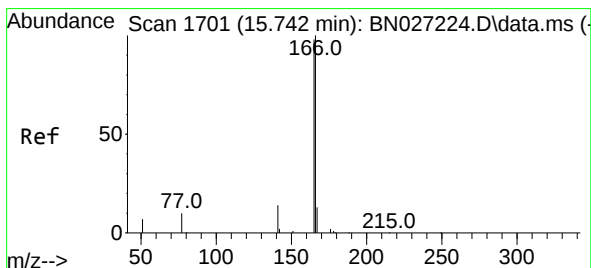
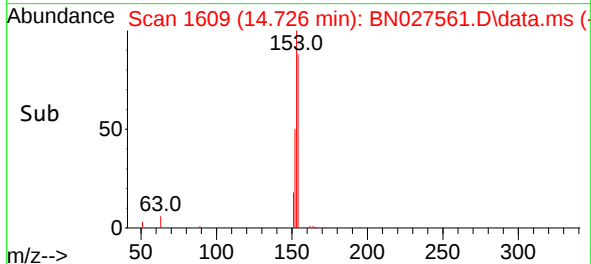
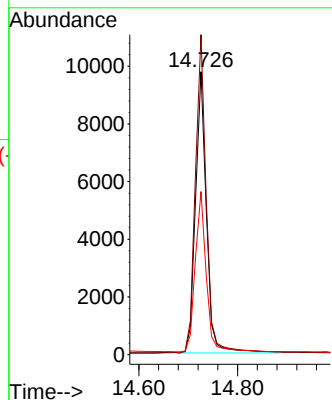
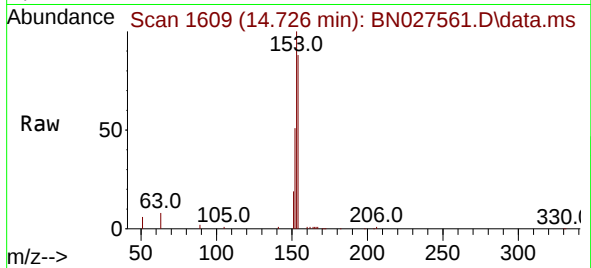




#17  
Acenaphthene  
Concen: 0.436 ng  
RT: 14.726 min Scan# 1609  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

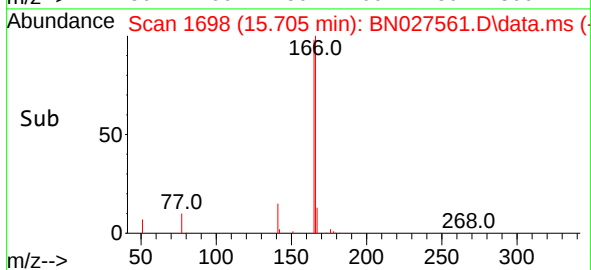
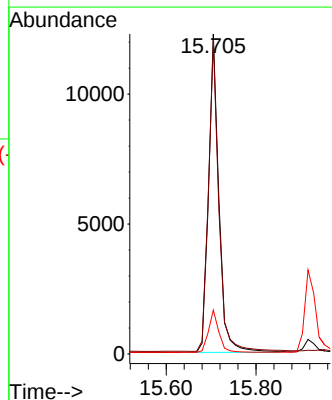
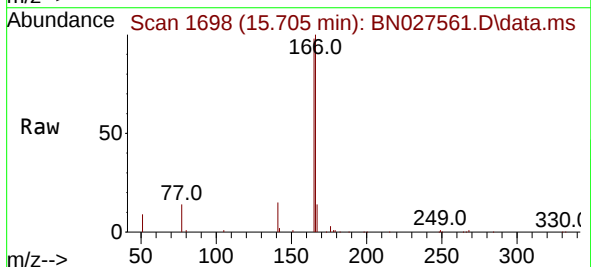
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

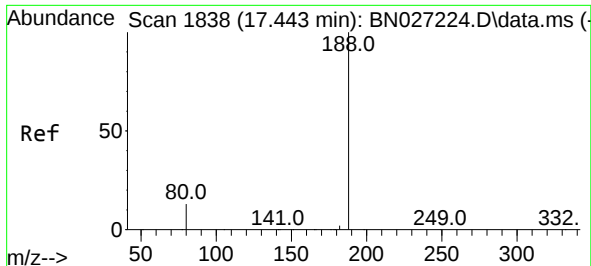
Tgt Ion:154 Resp: 14998  
Ion Ratio Lower Upper  
154 100  
153 113.1 93.1 139.7  
152 57.4 48.6 73.0



#18  
Fluorene  
Concen: 0.426 ng  
RT: 15.705 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

Tgt Ion:166 Resp: 19519  
Ion Ratio Lower Upper  
166 100  
165 98.0 79.0 118.4  
167 13.5 10.8 16.2

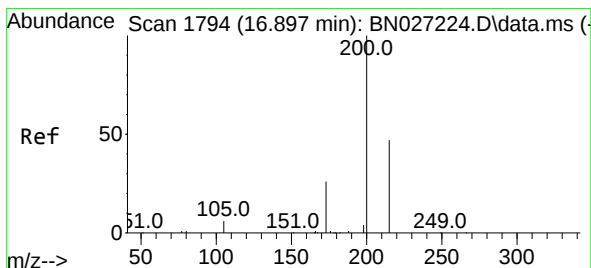
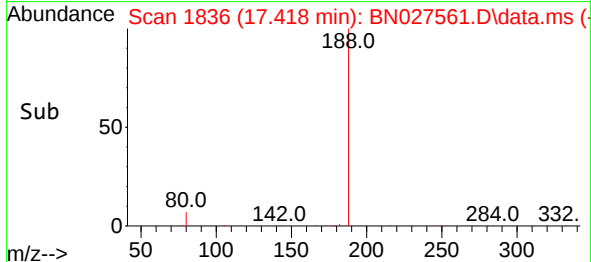
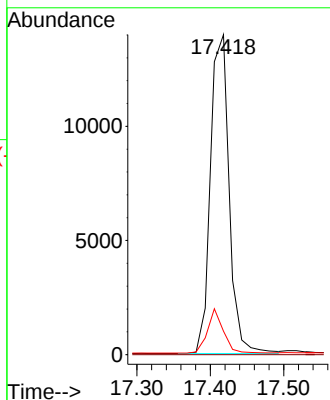
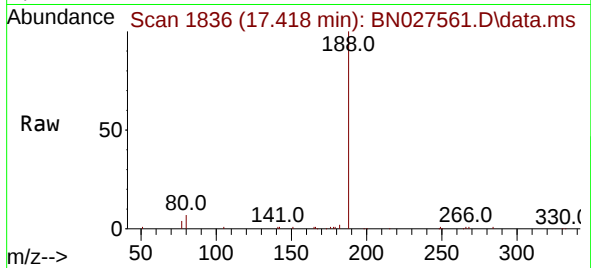




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.418 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

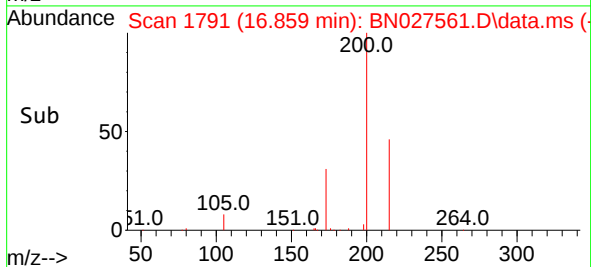
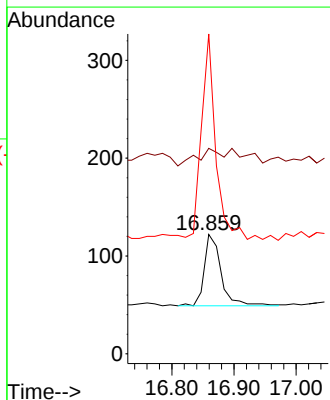
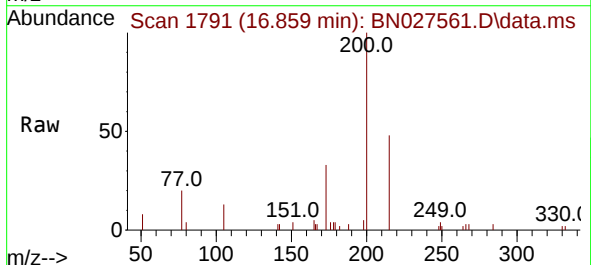
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

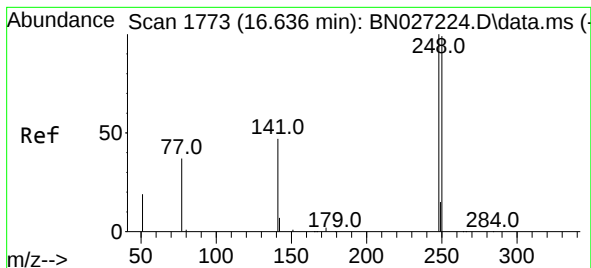
Tgt Ion:188 Resp: 24715  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.4 11.0 16.6#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.395 ng  
RT: 16.859 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

Tgt Ion:198 Resp: 139  
Ion Ratio Lower Upper  
198 100  
51 172.1 282.2 423.2#  
105 268.0 168.7 253.1#

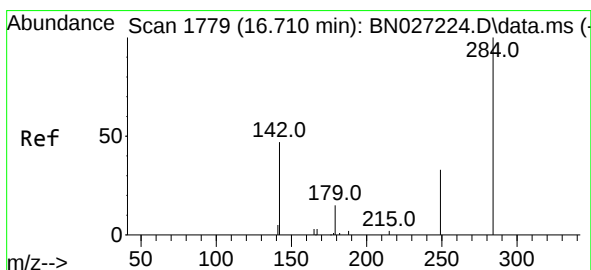
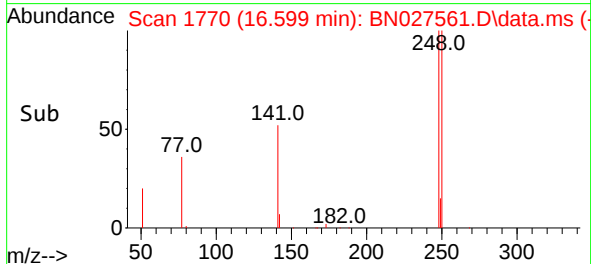
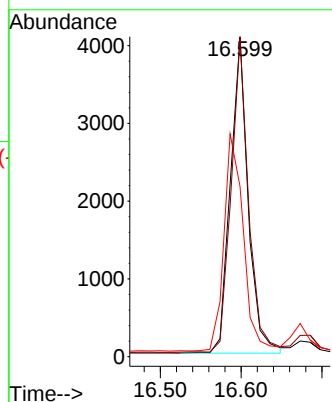
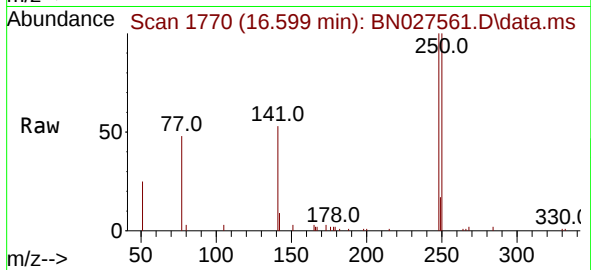




#21  
4-Bromophenyl-phenylether  
Concen: 0.478 ng  
RT: 16.599 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

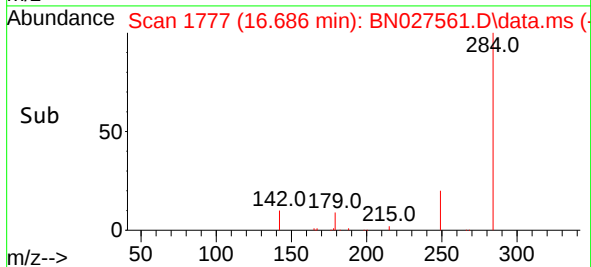
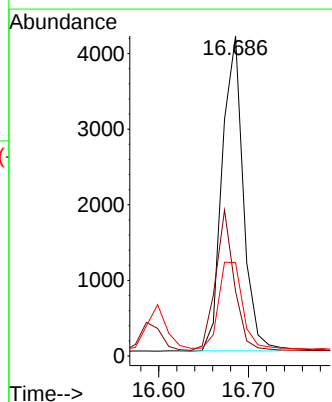
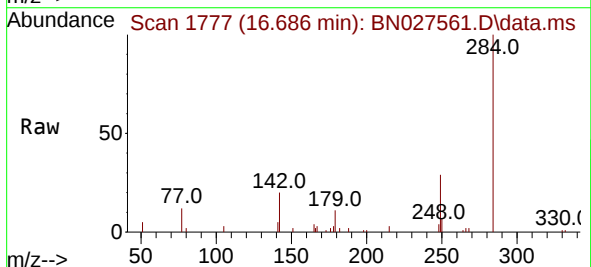
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

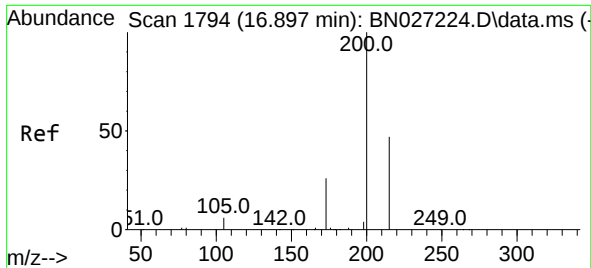
Tgt Ion:248 Resp: 6225  
Ion Ratio Lower Upper  
248 100  
250 99.9 79.7 119.5  
141 53.1 39.8 59.8



#22  
Hexachlorobenzene  
Concen: 0.438 ng  
RT: 16.686 min Scan# 1777  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

Tgt Ion:284 Resp: 6779  
Ion Ratio Lower Upper  
284 100  
142 39.5 32.9 49.3  
249 30.5 24.3 36.5

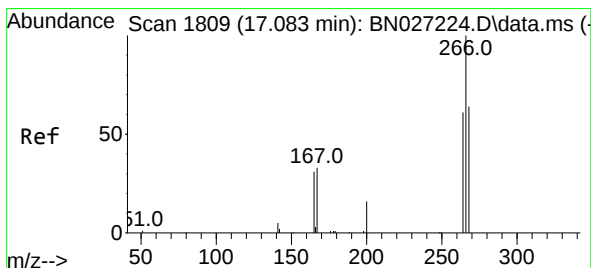
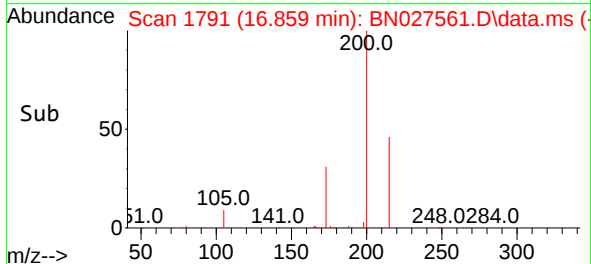
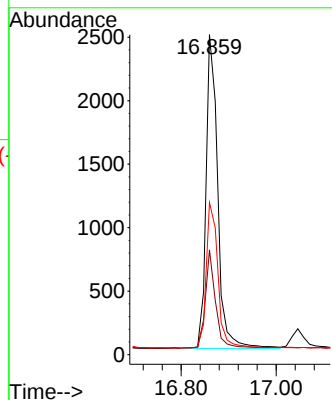
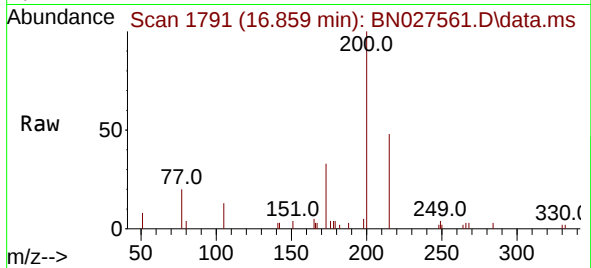




#23  
Atrazine  
Concen: 0.433 ng  
RT: 16.859 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

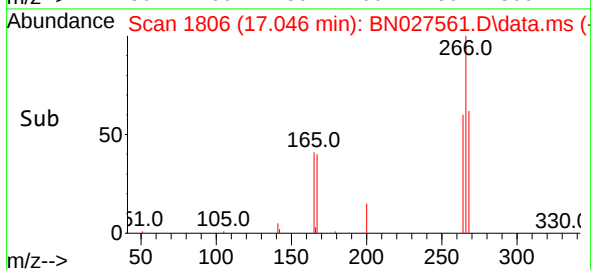
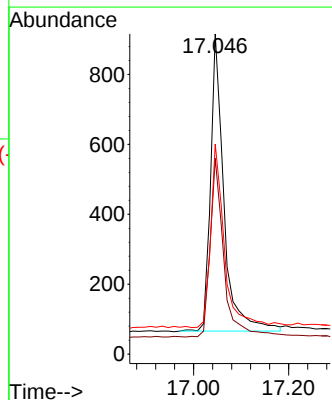
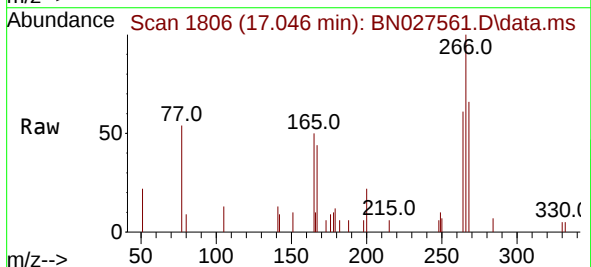
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

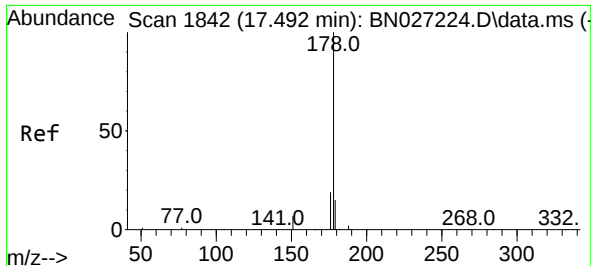
Tgt Ion:200 Resp: 4227  
Ion Ratio Lower Upper  
200 100  
173 32.7 22.5 33.7  
215 47.5 39.0 58.6



#24  
Pentachlorophenol  
Concen: 0.280 ng  
RT: 17.046 min Scan# 1806  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

Tgt Ion:266 Resp: 1666  
Ion Ratio Lower Upper  
266 100  
264 61.9 50.3 75.5  
268 64.6 52.0 78.0

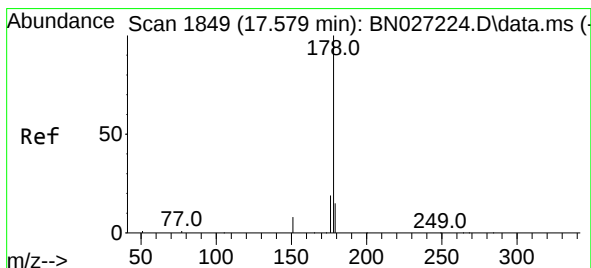
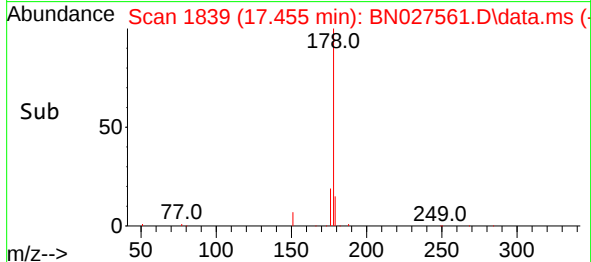
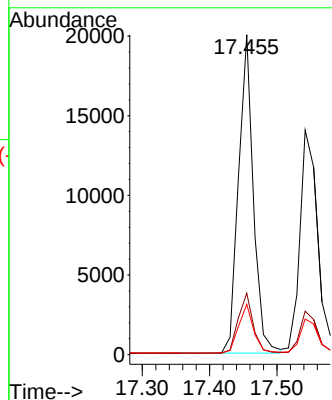
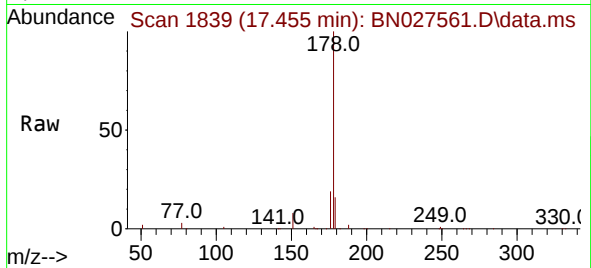




#25  
Phenanthrene  
Concen: 0.422 ng  
RT: 17.455 min Scan# 1839  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

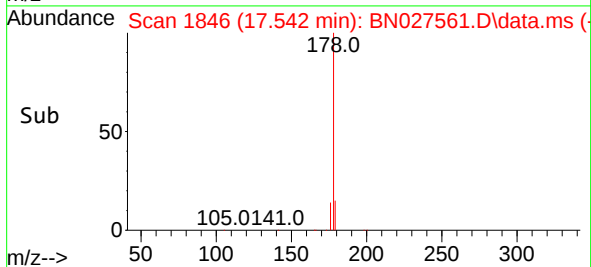
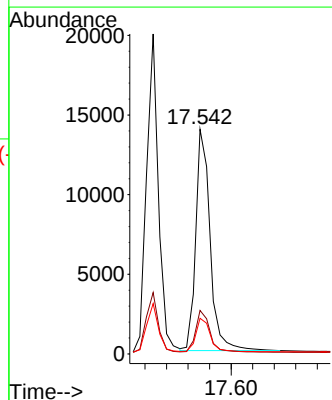
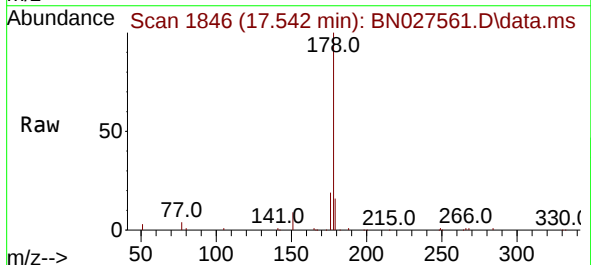
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BNA\_N  
ClientSampleId :  
SSTDCCC0.4

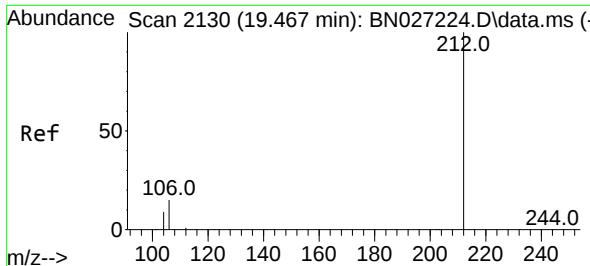
Tgt Ion:178 Resp: 30664  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.6 23.4  
179 15.3 12.3 18.5



#26  
Anthracene  
Concen: 0.419 ng  
RT: 17.542 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

Tgt Ion:178 Resp: 25876  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.9 22.3  
179 15.2 12.0 18.0

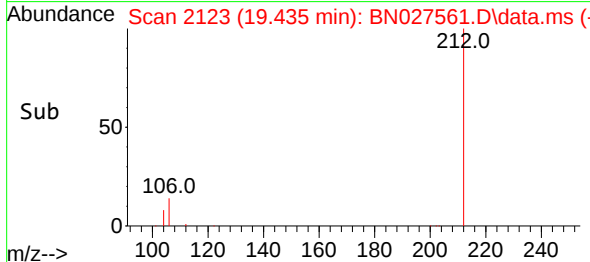
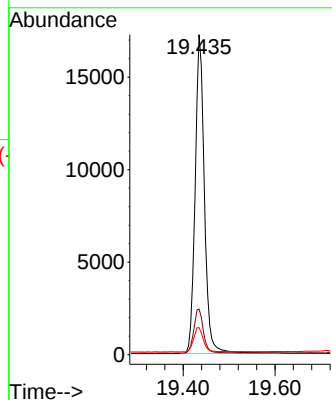
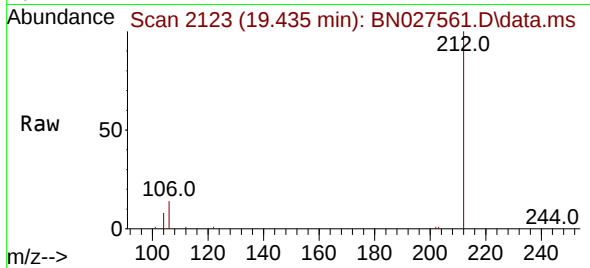




#27  
Fluoranthene-d10  
Concen: 0.393 ng  
RT: 19.435 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

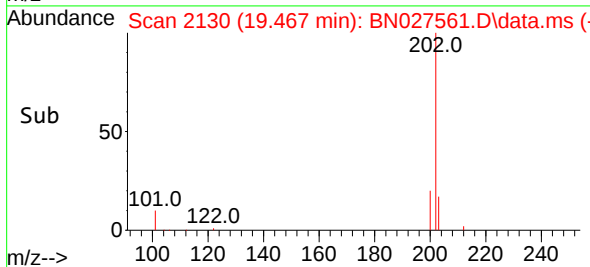
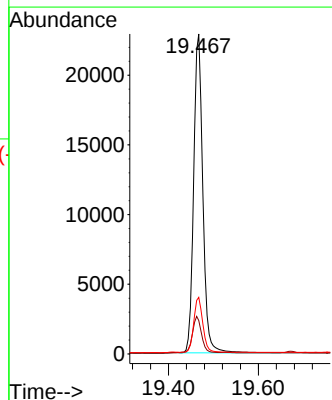
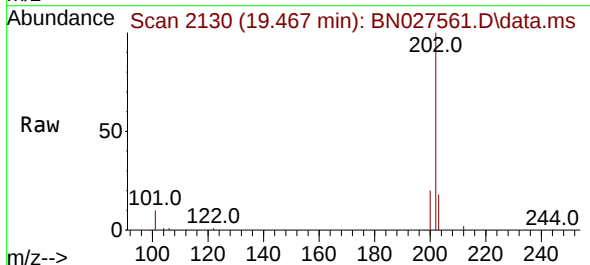
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

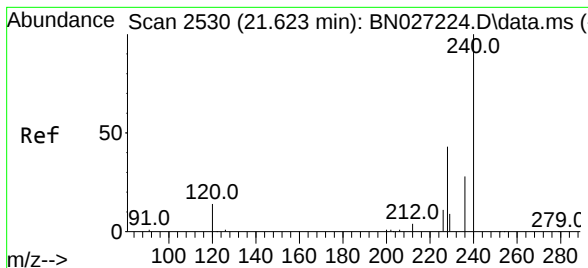
Tgt Ion:212 Resp: 24174  
Ion Ratio Lower Upper  
212 100  
106 14.3 12.1 18.1  
104 8.1 6.9 10.3



#28  
Fluoranthene  
Concen: 0.380 ng  
RT: 19.467 min Scan# 2130  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

Tgt Ion:202 Resp: 32453  
Ion Ratio Lower Upper  
202 100  
101 11.5 9.6 14.4  
203 17.1 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027561.D

Acq: 11 Sep 2023 04:56

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

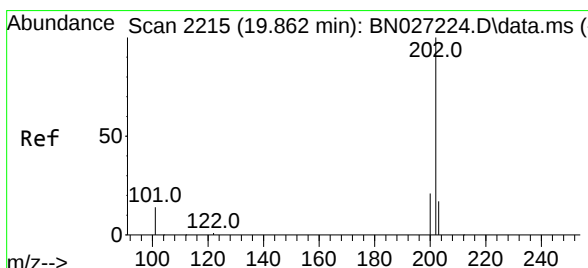
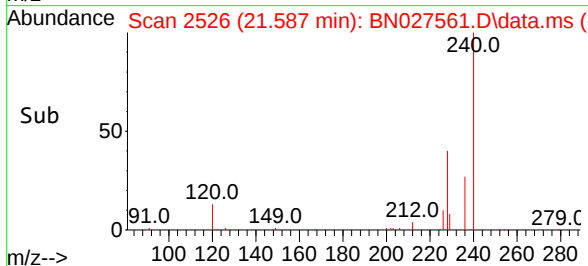
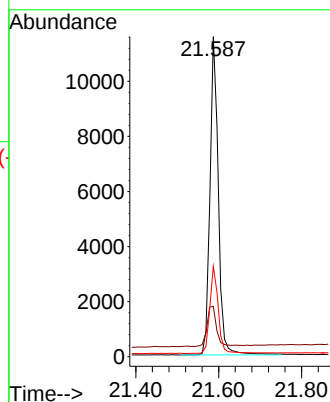
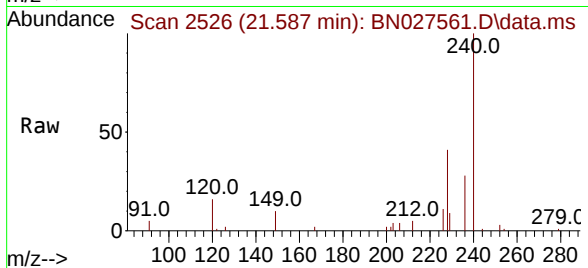
Tgt Ion:240 Resp: 16254

Ion Ratio Lower Upper

240 100

120 15.7 14.2 21.4

236 28.3 22.9 34.3



#30

Pyrene

Concen: 0.497 ng

RT: 19.830 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BN027561.D

Acq: 11 Sep 2023 04:56

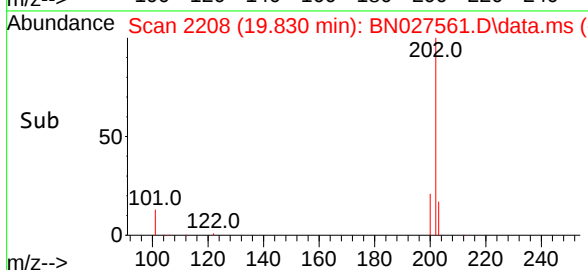
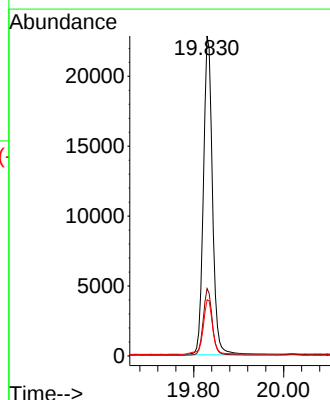
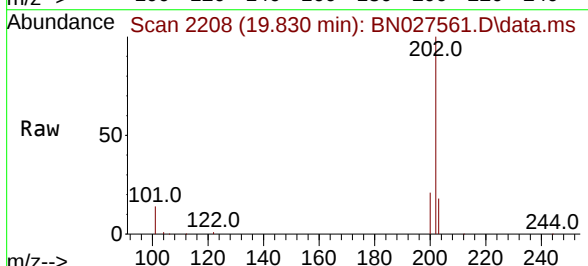
Tgt Ion:202 Resp: 32135

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

203 18.0 14.2 21.4

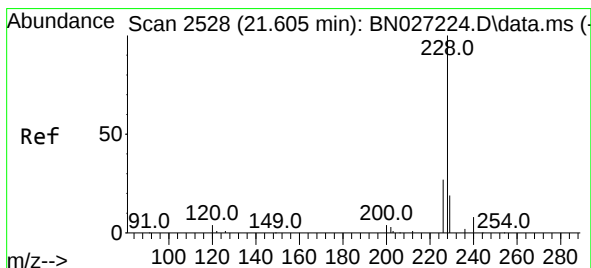
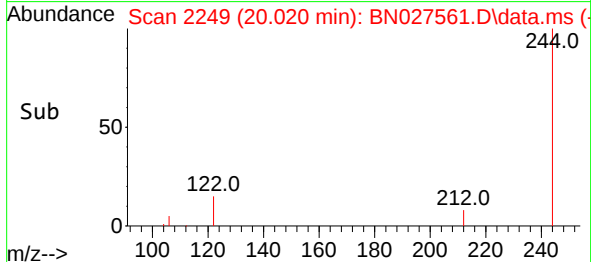
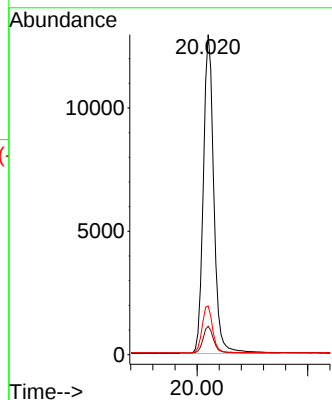
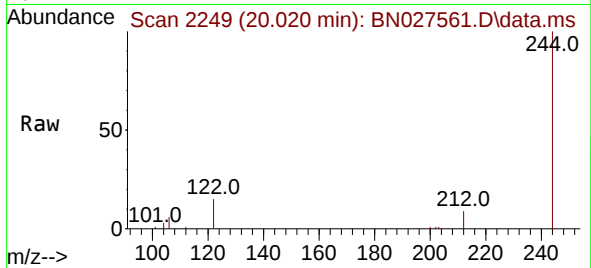




#31  
 Terphenyl-d14  
 Concen: 0.526 ng  
 RT: 20.020 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN027561.D  
 Acq: 11 Sep 2023 04:56

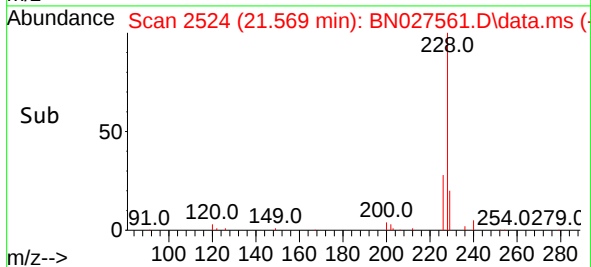
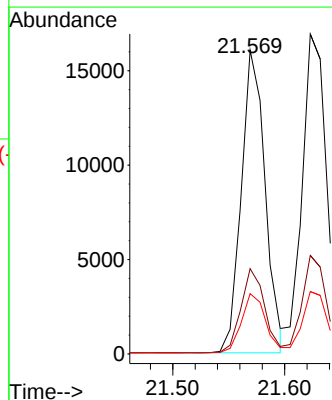
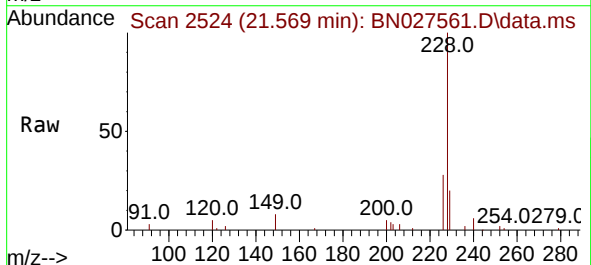
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion:244 Resp: 17161  
 Ion Ratio Lower Upper  
 244 100  
 212 8.9 7.5 11.3  
 122 15.2 14.0 21.0



#32  
 Benzo(a)anthracene  
 Concen: 0.426 ng  
 RT: 21.569 min Scan# 2524  
 Delta R.T. 0.000 min  
 Lab File: BN027561.D  
 Acq: 11 Sep 2023 04:56

Tgt Ion:228 Resp: 23750  
 Ion Ratio Lower Upper  
 228 100  
 226 28.1 21.9 32.9  
 229 19.9 15.7 23.5





#33

Chrysene

Concen: 0.426 ng

RT: 21.623 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027561.D

Acq: 11 Sep 2023 04:56

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

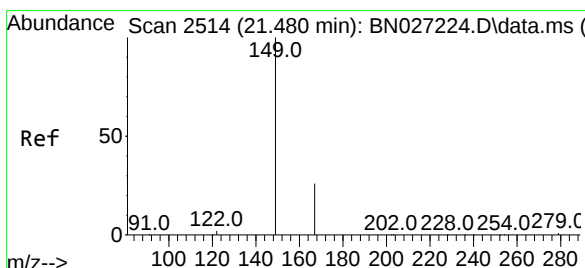
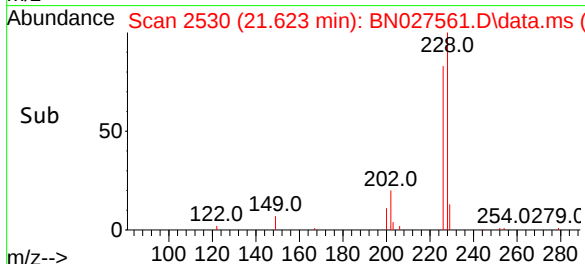
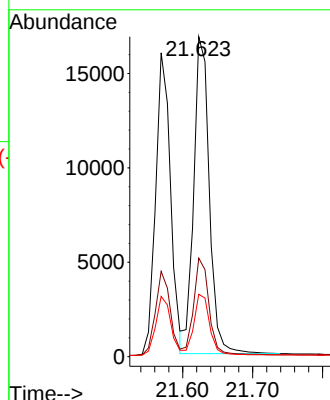
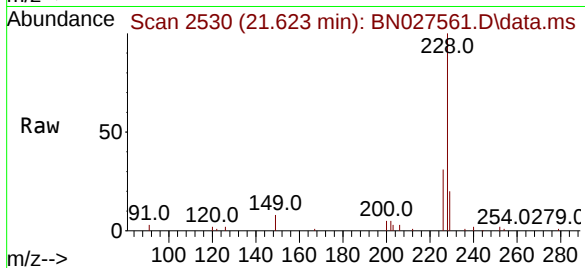
Tgt Ion:228 Resp: 26098

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 19.5 15.4 23.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.510 ng

RT: 21.444 min Scan# 2510

Delta R.T. 0.000 min

Lab File: BN027561.D

Acq: 11 Sep 2023 04:56

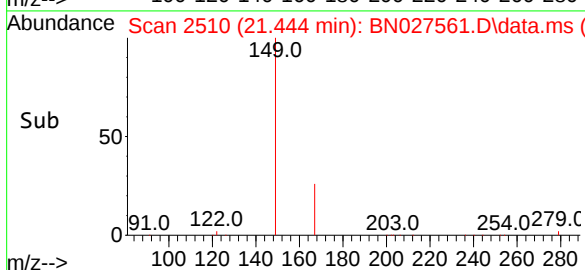
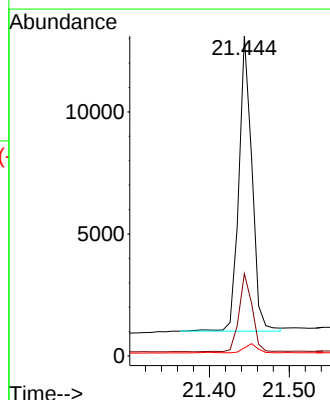
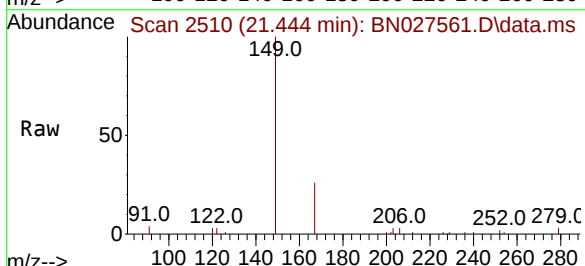
Tgt Ion:149 Resp: 13720

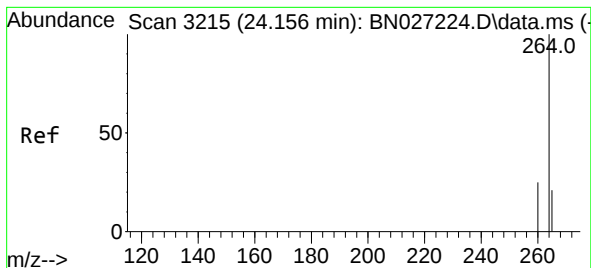
Ion Ratio Lower Upper

149 100

167 26.5 22.1 33.1

279 3.0 2.7 4.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.095 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027561.D

Acq: 11 Sep 2023 04:56

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

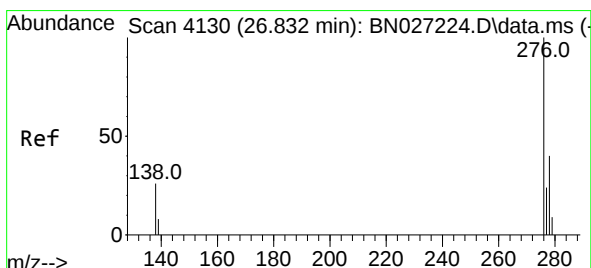
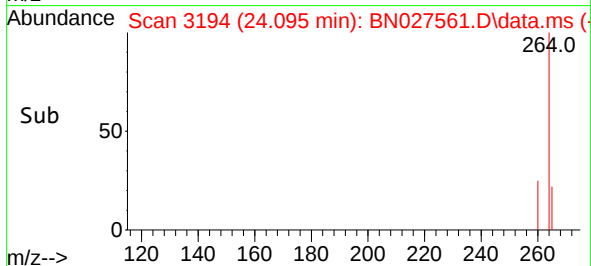
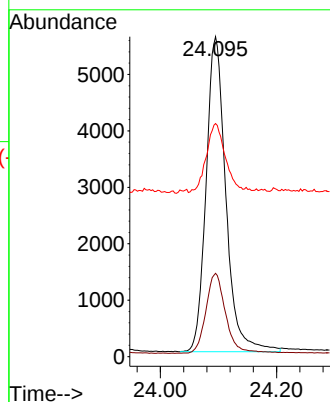
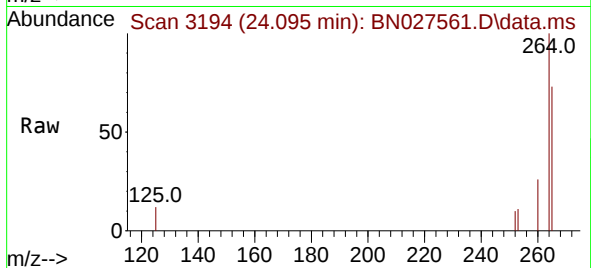
Tgt Ion:264 Resp: 13154

Ion Ratio Lower Upper

264 100

260 26.1 20.7 31.1

265 72.8 53.3 79.9



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.398 ng

RT: 26.735 min Scan# 4097

Delta R.T. 0.000 min

Lab File: BN027561.D

Acq: 11 Sep 2023 04:56

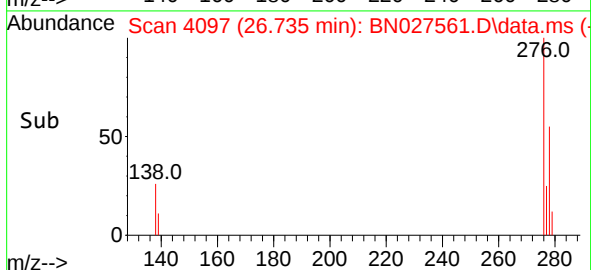
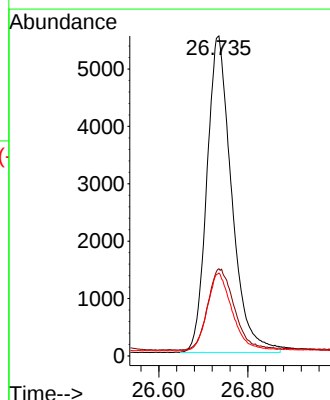
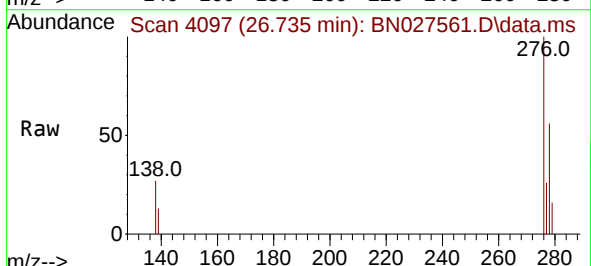
Tgt Ion:276 Resp: 21259

Ion Ratio Lower Upper

276 100

138 27.8 23.4 35.2

277 24.8 19.8 29.8

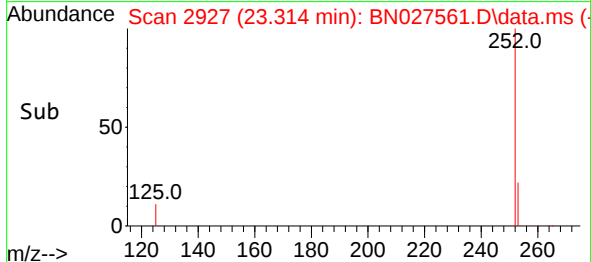
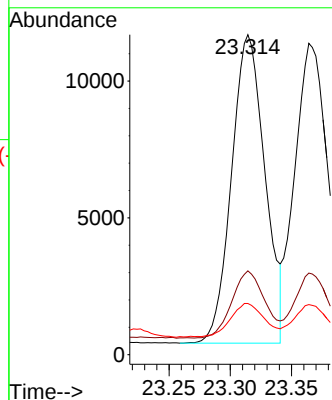
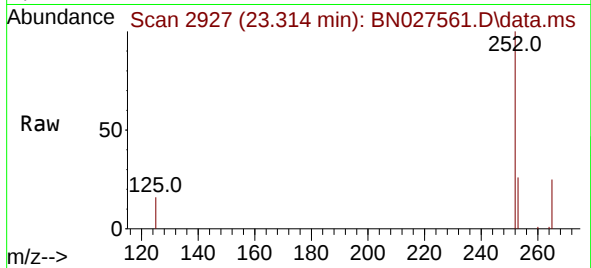




#37  
Benzo(b)fluoranthene  
Concen: 0.420 ng  
RT: 23.314 min Scan# 2944  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

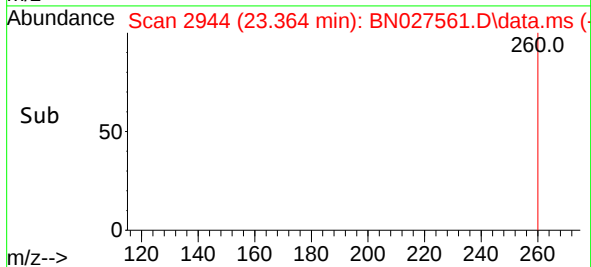
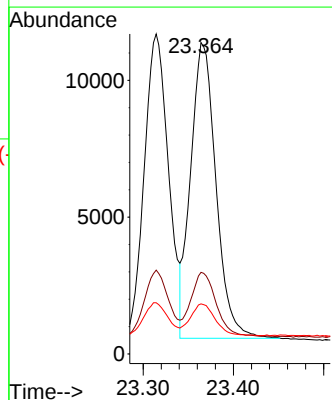
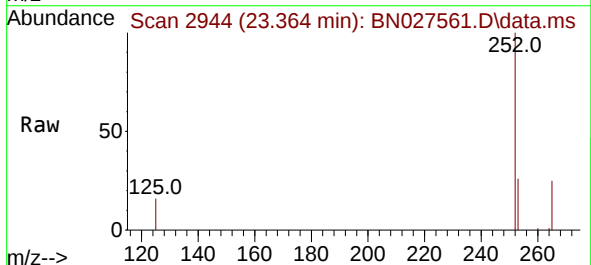
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:252 Resp: 21367  
Ion Ratio Lower Upper  
252 100  
253 26.2 19.9 29.9  
125 16.0 13.8 20.6



#38  
Benzo(k)fluoranthene  
Concen: 0.403 ng  
RT: 23.364 min Scan# 2944  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

Tgt Ion:252 Resp: 21072  
Ion Ratio Lower Upper  
252 100  
253 26.2 20.2 30.2  
125 16.1 14.1 21.1

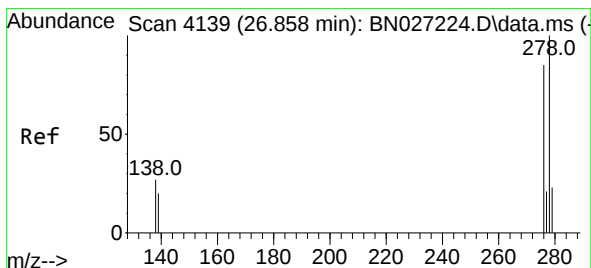
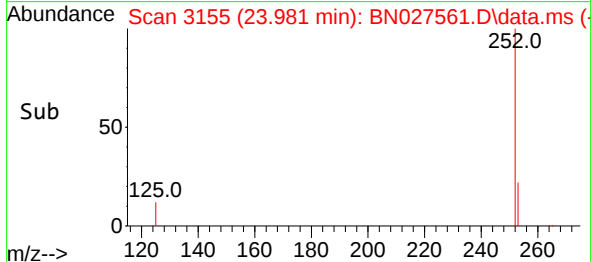
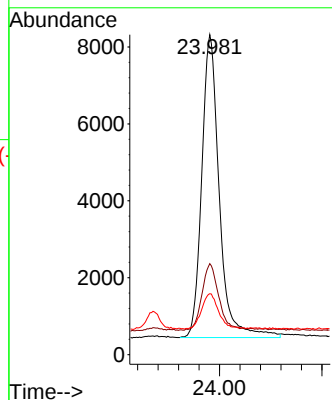
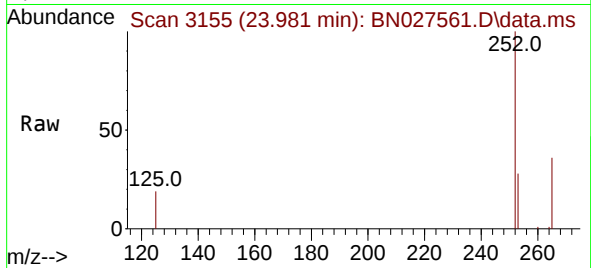




#39  
Benzo(a)pyrene  
Concen: 0.393 ng  
RT: 23.981 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

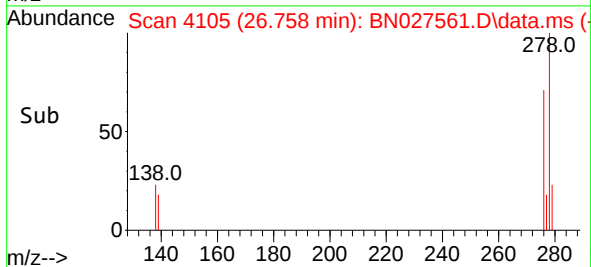
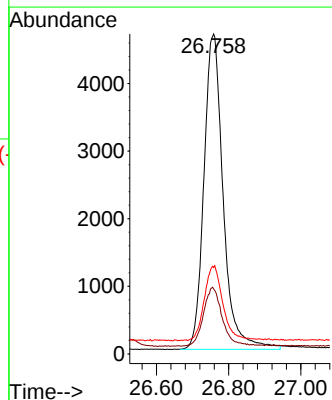
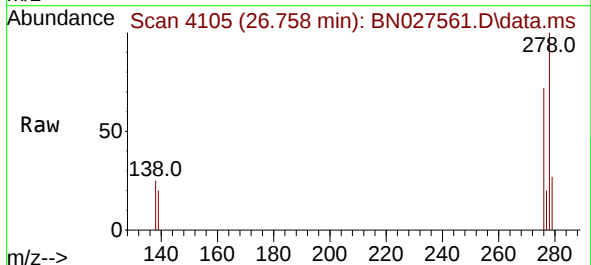
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

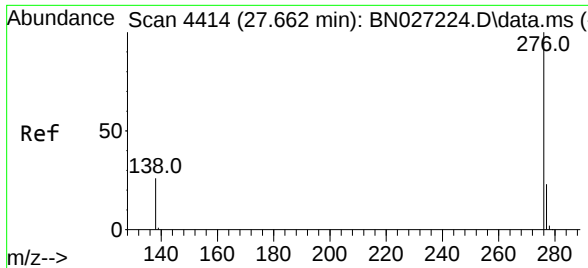
Tgt Ion:252 Resp: 18706  
Ion Ratio Lower Upper  
252 100  
253 28.4 21.4 32.0  
125 19.0 16.5 24.7



#40  
Dibenzo(a,h)anthracene  
Concen: 0.413 ng  
RT: 26.758 min Scan# 4105  
Delta R.T. 0.000 min  
Lab File: BN027561.D  
Acq: 11 Sep 2023 04:56

Tgt Ion:278 Resp: 17305  
Ion Ratio Lower Upper  
278 100  
139 20.3 17.9 26.9  
279 27.0 21.8 32.6





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.389 ng  
 RT: 27.554 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: BN027561.D  
 Acq: 11 Sep 2023 04:56

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 18856 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.9  | 19.6  | 29.4  |
| 138      | 25.2  | 22.1  | 33.1  |

