

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051923\  
 Data File : BN025484.D  
 Acq On : 19 May 2023 10:08  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: May 20 00:20:39 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 19 02:17:42 2023  
 Response via : Initial Calibration

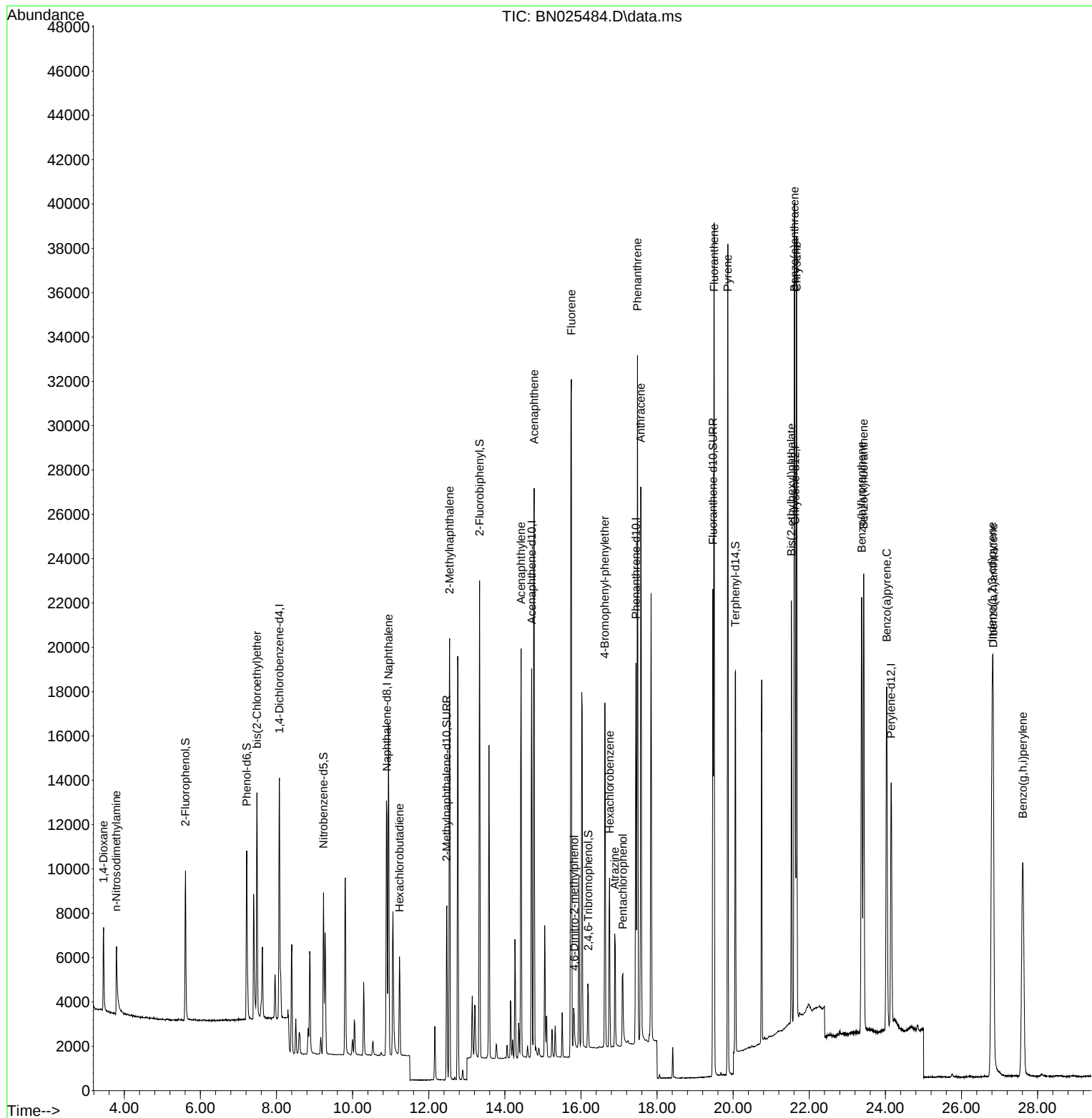
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.077  | 152  | 5601     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.899 | 136  | 16172    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.705 | 164  | 9857     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.447 | 188  | 22653    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.629 | 240  | 17583    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.151 | 264  | 17327    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.607  | 112  | 5871     | 0.464 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.218  | 99   | 7363     | 0.454 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.234  | 82   | 5947     | 0.461 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.476 | 152  | 10540    | 0.469 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.194 | 330  | 1684     | 0.438 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.336 | 172  | 18367    | 0.487 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.469 | 212  | 23571    | 0.451 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.062 | 244  | 14812    | 0.474 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.455  | 88   | 2793     | 0.489 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.787  | 42   | 2412     | 0.383 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 7.485  | 93   | 7918     | 0.502 | ng    | 98       |
| 9) Naphthalene                | 10.942 | 128  | 19354    | 0.470 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.230 | 225  | 3664     | 0.469 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.547 | 142  | 14021    | 0.471 | ng    | 100      |
| 16) Acenaphthylene            | 14.427 | 152  | 20541    | 0.456 | ng    | 100      |
| 17) Acenaphthene              | 14.769 | 154  | 13883    | 0.468 | ng    | 98       |
| 18) Fluorene                  | 15.747 | 166  | 17711    | 0.482 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.821 | 198  | 1965     | 0.417 | ng    | # 83     |
| 21) 4-Bromophenyl-phenylether | 16.628 | 248  | 6092     | 0.457 | ng    | # 71     |
| 22) Hexachlorobenzene         | 16.752 | 284  | 5775     | 0.464 | ng    | 100      |
| 23) Atrazine                  | 16.889 | 200  | 4598     | 0.424 | ng    | # 90     |
| 24) Pentachlorophenol         | 17.100 | 266  | 2315     | 0.368 | ng    | 99       |
| 25) Phenanthrene              | 17.485 | 178  | 30630    | 0.461 | ng    | 99       |
| 26) Anthracene                | 17.571 | 178  | 28665    | 0.462 | ng    | 100      |
| 28) Fluoranthene              | 19.498 | 202  | 34301    | 0.455 | ng    | 100      |
| 30) Pyrene                    | 19.861 | 202  | 34280    | 0.489 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.611 | 228  | 30165    | 0.474 | ng    | 99       |
| 33) Chrysene                  | 21.665 | 228  | 31303    | 0.496 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.531 | 149  | 16558    | 0.442 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.806 | 276  | 31815    | 0.454 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.376 | 252  | 29775    | 0.463 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 23.429 | 252  | 30555    | 0.465 | ng    | 99       |
| 39) Benzo(a)pyrene            | 24.034 | 252  | 26747    | 0.442 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.835 | 278  | 25936    | 0.462 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 27.610 | 276  | 27106    | 0.458 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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Sample : SSTDCCC0.4  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 19 02:17:42 2023  
Response via : Initial Calibration

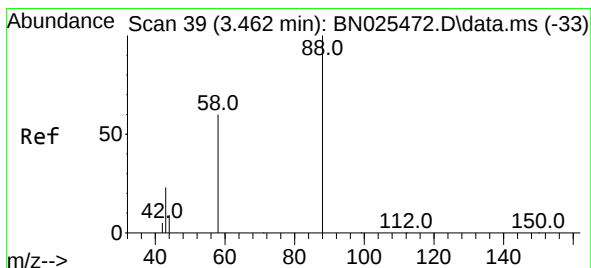
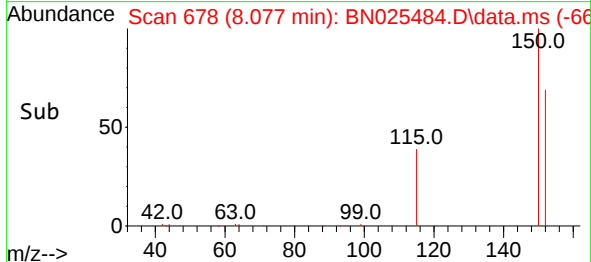
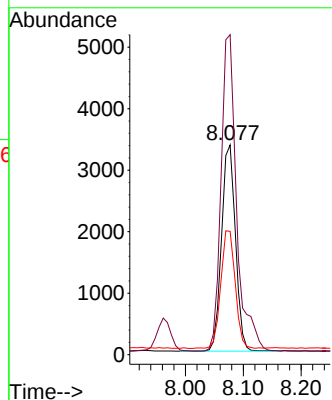
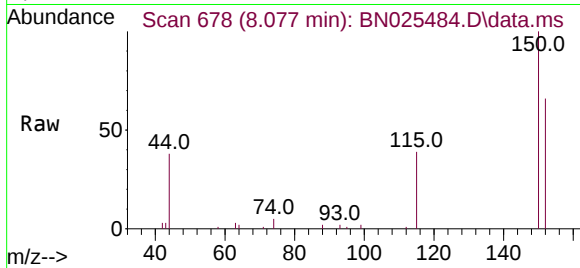




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.077 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN025484.D  
 Acq: 19 May 2023 10:08

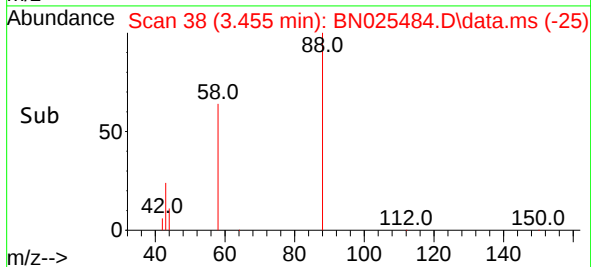
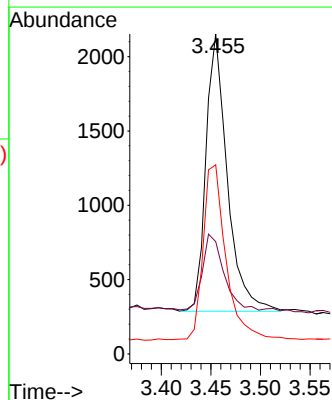
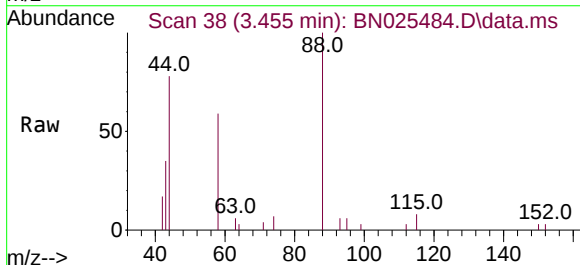
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

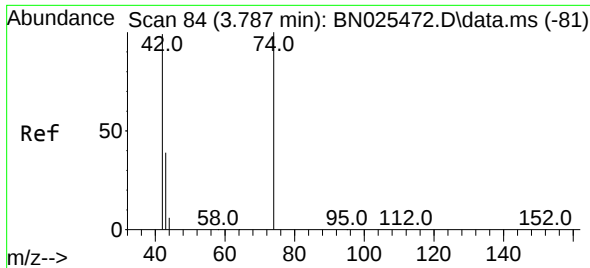
Tgt Ion:152 Resp: 5601  
 Ion Ratio Lower Upper  
 152 100  
 150 152.6 125.3 187.9  
 115 58.8 50.2 75.2



#2  
 1,4-Dioxane  
 Concen: 0.489 ng  
 RT: 3.455 min Scan# 38  
 Delta R.T. -0.007 min  
 Lab File: BN025484.D  
 Acq: 19 May 2023 10:08

Tgt Ion: 88 Resp: 2793  
 Ion Ratio Lower Upper  
 88 100  
 43 28.3 23.8 35.6  
 58 68.4 55.1 82.7

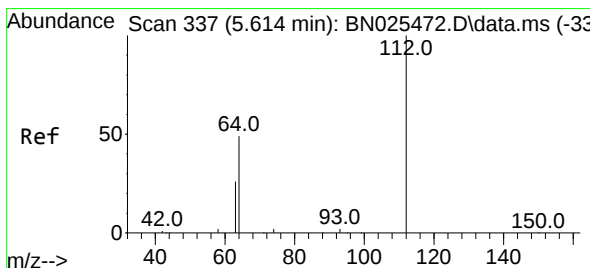
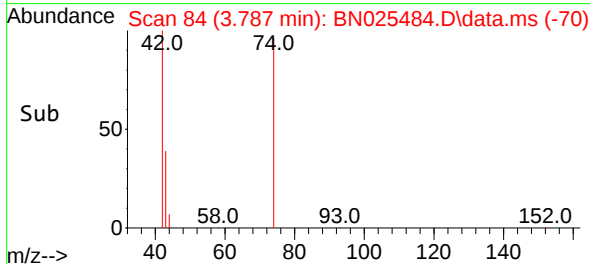
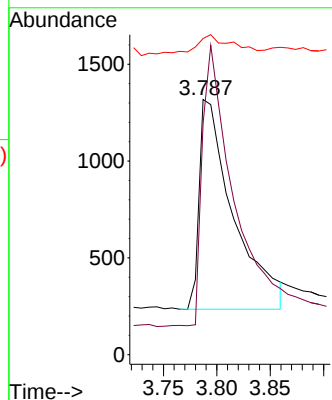
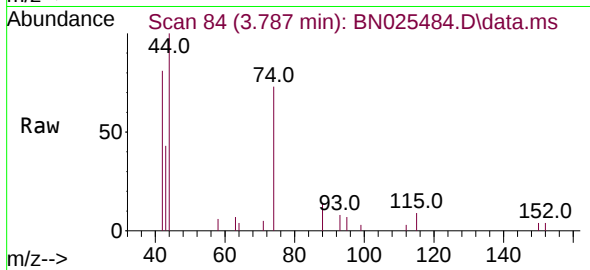




#3  
 n-Nitrosodimethylamine  
 Concen: 0.383 ng  
 RT: 3.787 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: BN025484.D  
 Acq: 19 May 2023 10:08

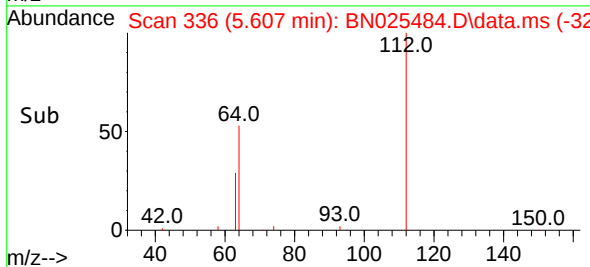
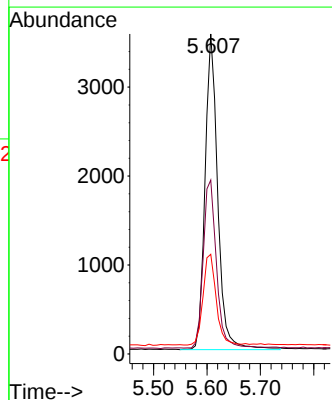
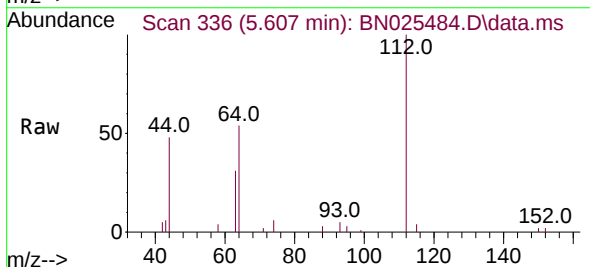
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

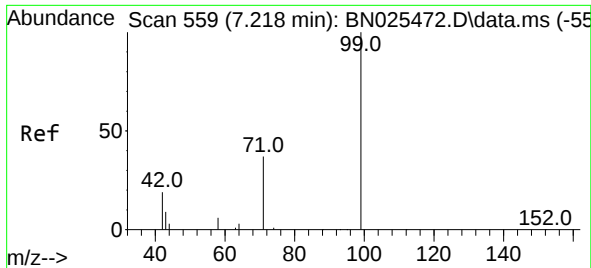
Tgt Ion: 42 Resp: 2412  
 Ion Ratio Lower Upper  
 42 100  
 74 126.8 100.2 150.4  
 44 9.1 8.6 12.8



#4  
 2-Fluorophenol  
 Concen: 0.464 ng  
 RT: 5.607 min Scan# 336  
 Delta R.T. -0.007 min  
 Lab File: BN025484.D  
 Acq: 19 May 2023 10:08

Tgt Ion: 112 Resp: 5871  
 Ion Ratio Lower Upper  
 112 100  
 64 55.7 44.0 66.0  
 63 29.8 24.0 36.0

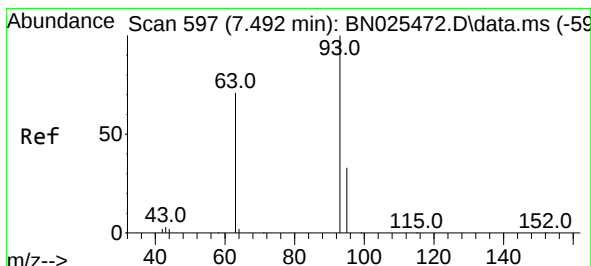
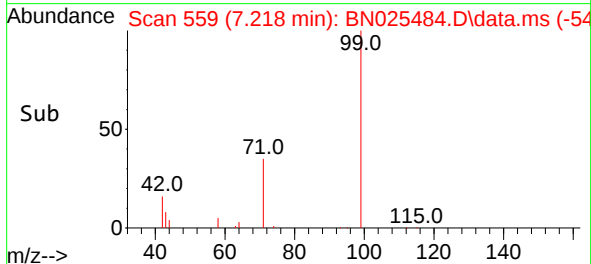
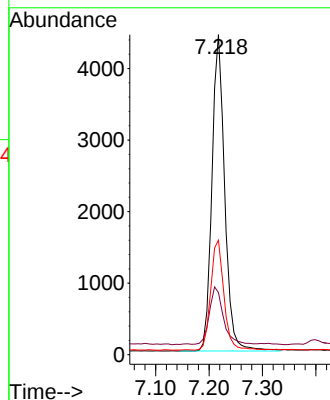
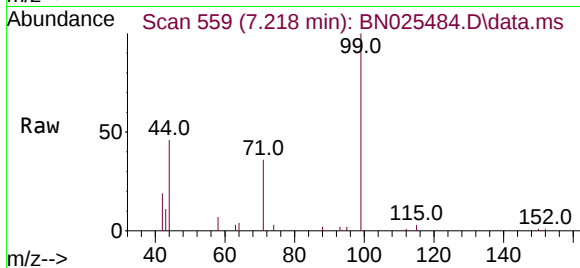




#5  
Phenol-d6  
Concen: 0.454 ng  
RT: 7.218 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

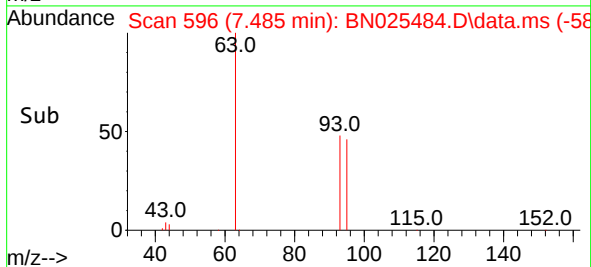
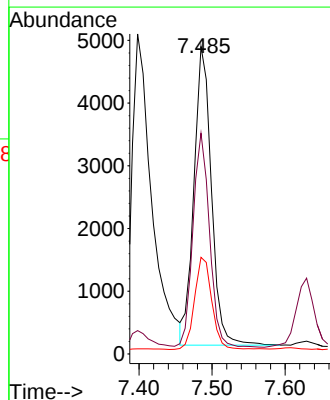
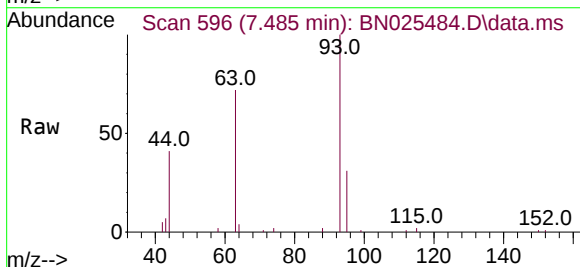
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

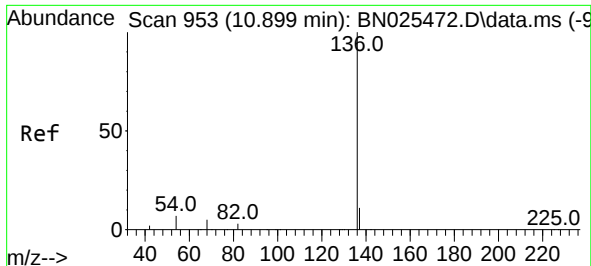
Tgt Ion: 99 Resp: 7363  
Ion Ratio Lower Upper  
99 100  
42 19.8 15.8 23.8  
71 35.8 28.6 43.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.502 ng  
RT: 7.485 min Scan# 596  
Delta R.T. -0.007 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

Tgt Ion: 93 Resp: 7918  
Ion Ratio Lower Upper  
93 100  
63 68.0 55.8 83.6  
95 30.7 25.7 38.5

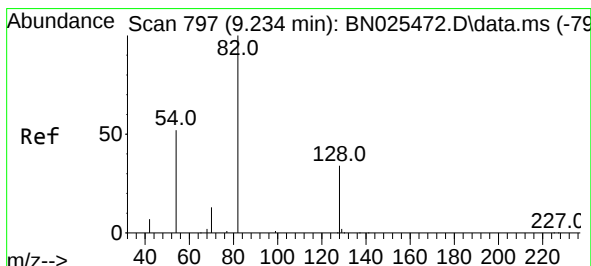
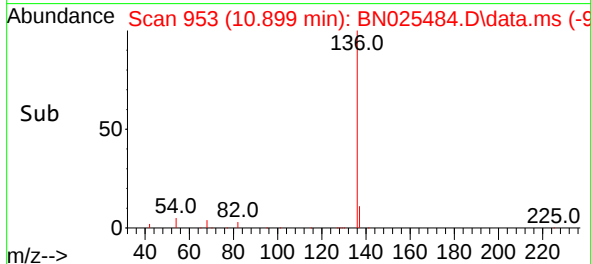
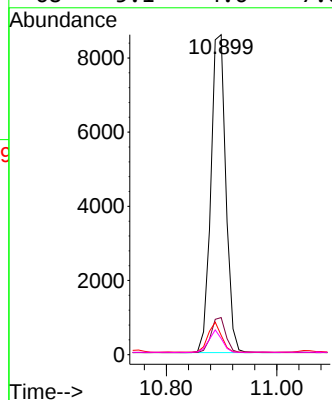
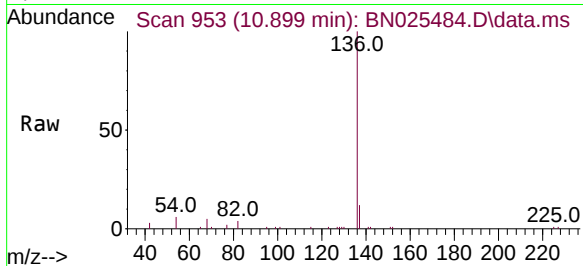




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.899 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

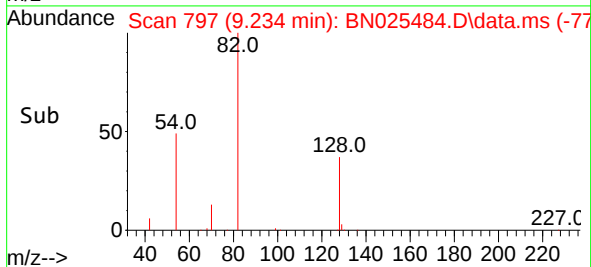
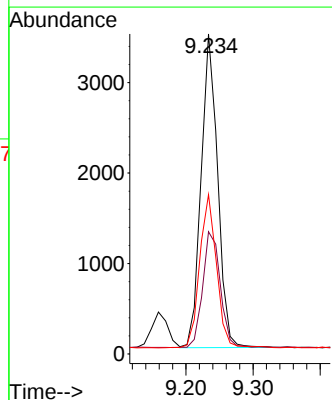
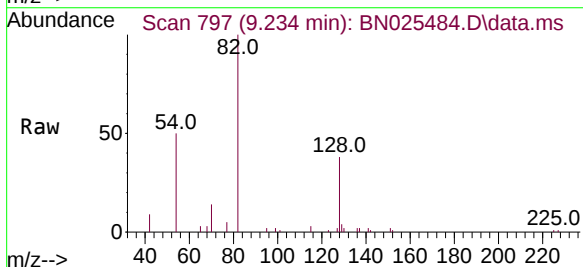
Instrument :  
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ClientSampleId :  
SSTDCCC0.4

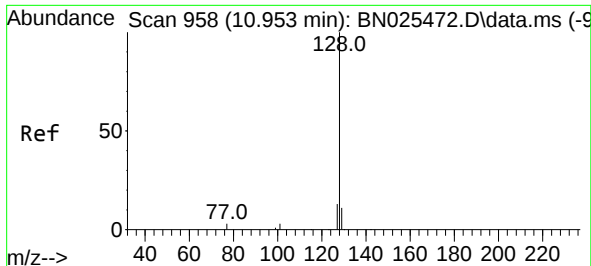
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 16172 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.6  | 9.1   | 13.7  |
| 54        | 6.1   | 5.8   | 8.6   |
| 68        | 5.1   | 4.6   | 7.0   |



#8  
Nitrobenzene-d5  
Concen: 0.461 ng  
RT: 9.234 min Scan# 797  
Delta R.T. -0.000 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 5947 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 38.2  | 27.9  | 41.9 |
| 54        | 49.8  | 42.4  | 63.6 |

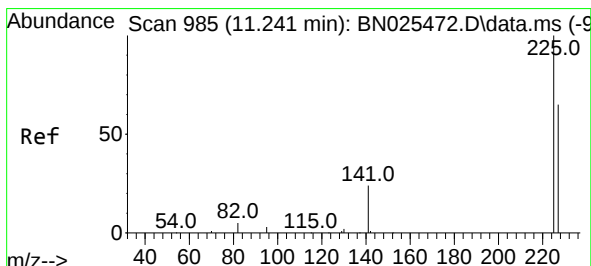
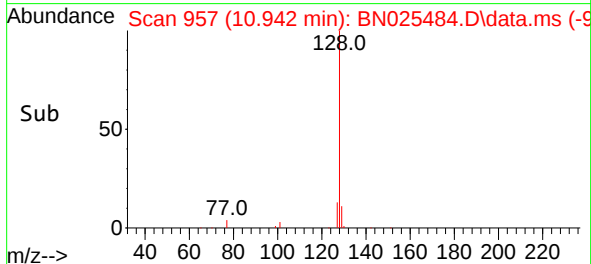
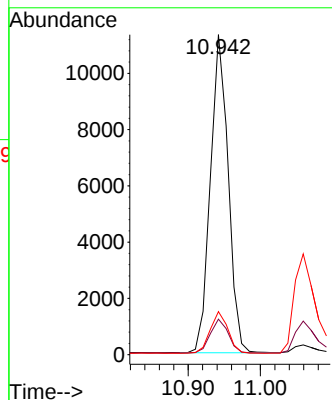
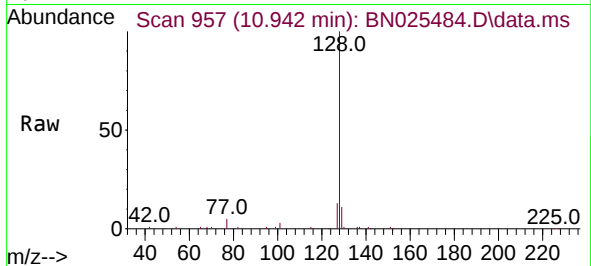




#9  
Naphthalene  
Concen: 0.470 ng  
RT: 10.942 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

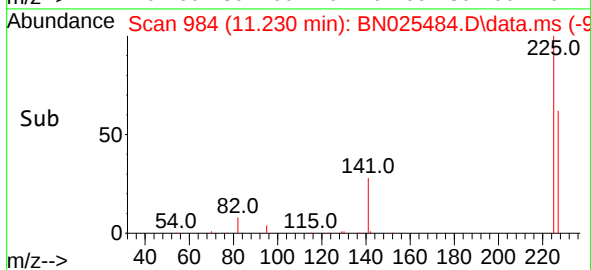
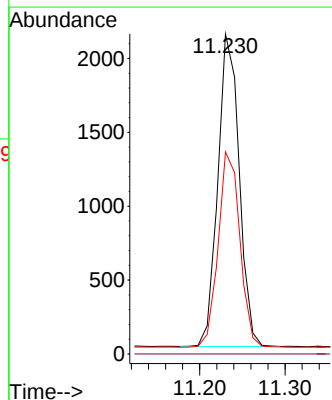
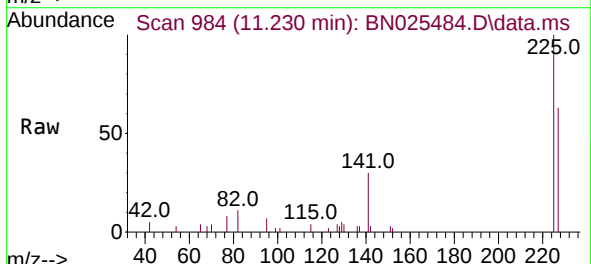
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

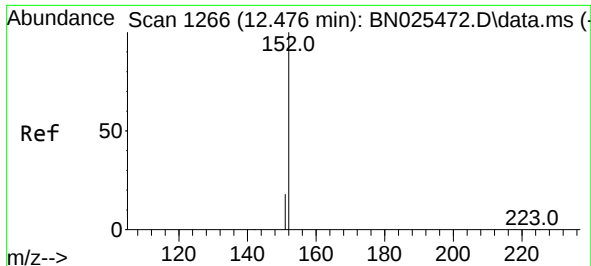
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|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 19354     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 129         | 11.1  | 8.9 13.3  |
| 127         | 13.4  | 10.4 15.6 |



#10  
Hexachlorobutadiene  
Concen: 0.469 ng  
RT: 11.230 min Scan# 984  
Delta R.T. -0.011 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 3664      |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 0.0   | 0.0 0.0   |
| 227         | 63.5  | 51.4 77.2 |

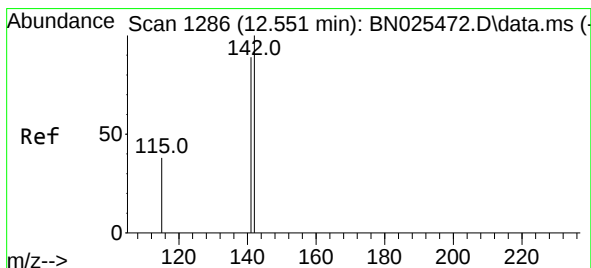
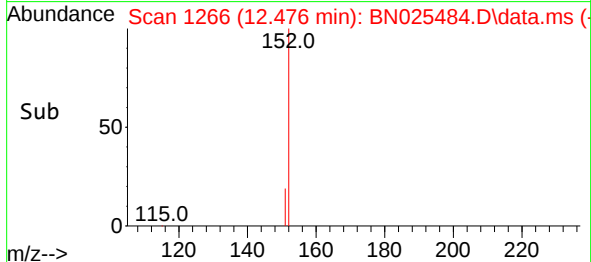
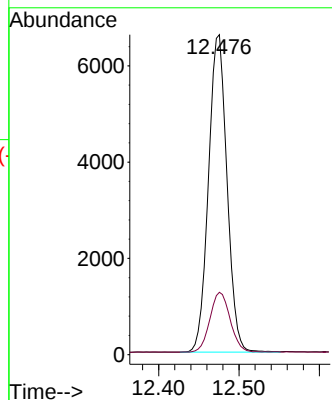
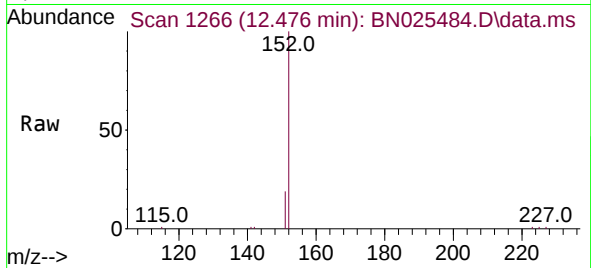




#11  
2-Methylnaphthalene-d10  
Concen: 0.469 ng  
RT: 12.476 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

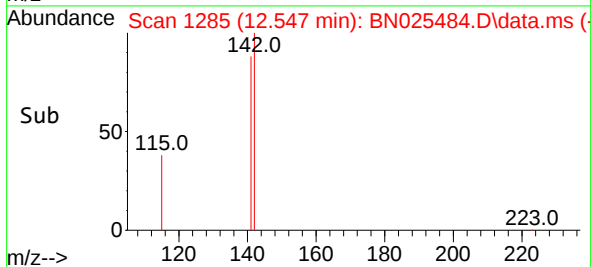
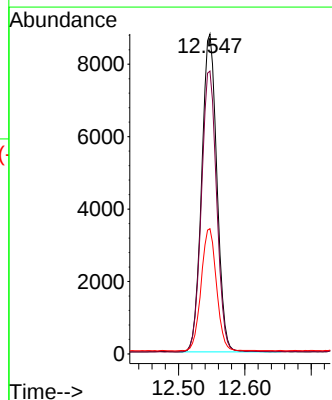
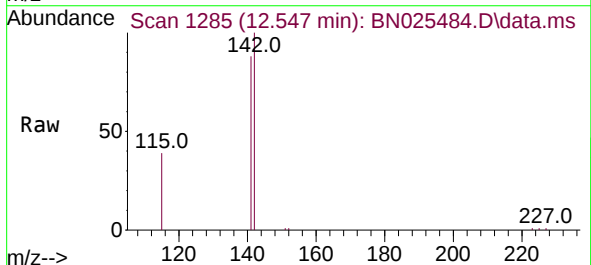
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

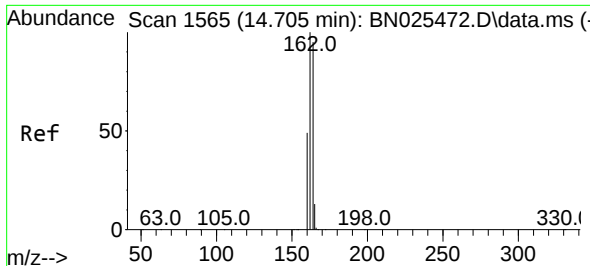
Tgt Ion:152 Resp: 10540  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.6 24.8



#12  
2-Methylnaphthalene  
Concen: 0.471 ng  
RT: 12.547 min Scan# 1285  
Delta R.T. -0.004 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

Tgt Ion:142 Resp: 14021  
Ion Ratio Lower Upper  
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141 88.4 71.1 106.7  
115 39.2 31.3 46.9

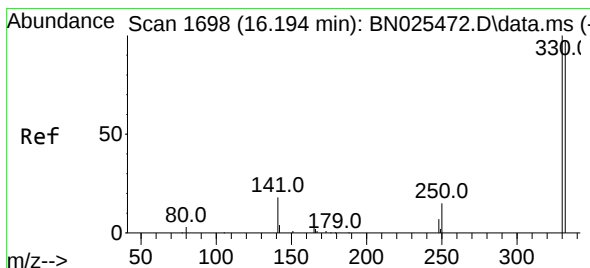
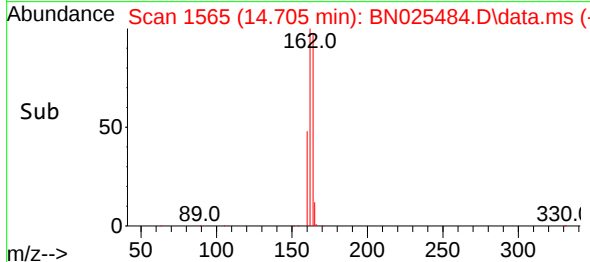
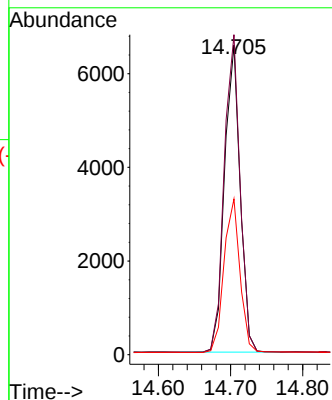
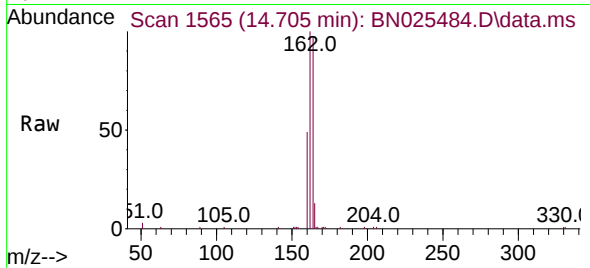




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.705 min Scan# 1565  
Delta R.T. -0.000 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

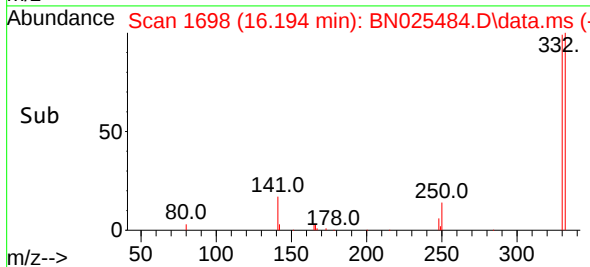
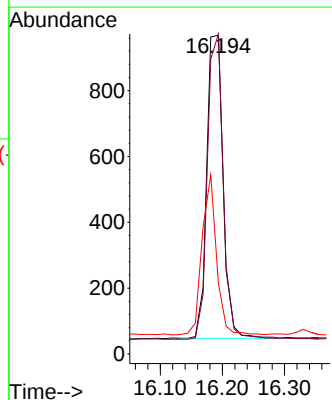
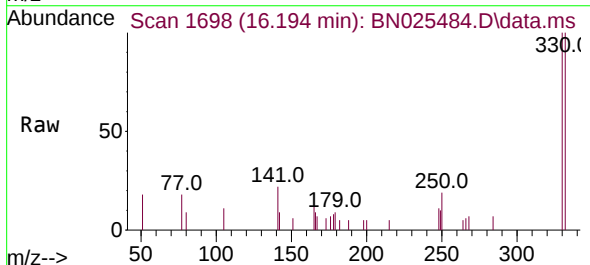
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

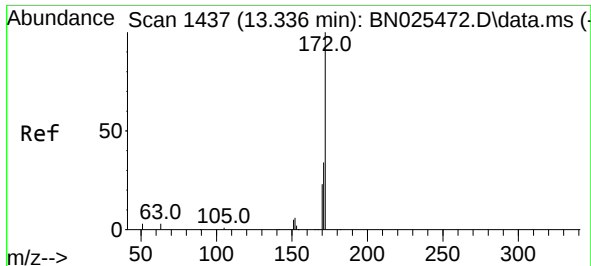
Tgt Ion:164 Resp: 9857  
Ion Ratio Lower Upper  
164 100  
162 103.4 84.2 126.2  
160 50.3 41.4 62.2



#14  
2,4,6-Tribromophenol  
Concen: 0.438 ng  
RT: 16.194 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

Tgt Ion:330 Resp: 1684  
Ion Ratio Lower Upper  
330 100  
332 97.5 76.1 114.1  
141 46.9 36.1 54.1

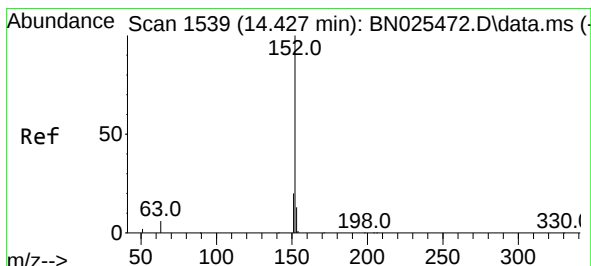
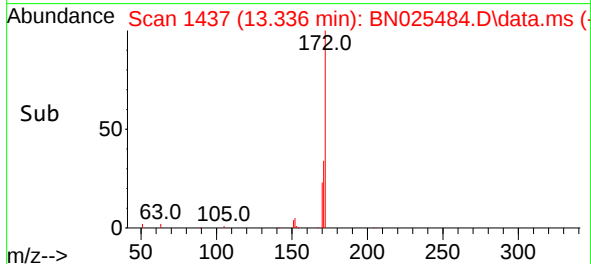
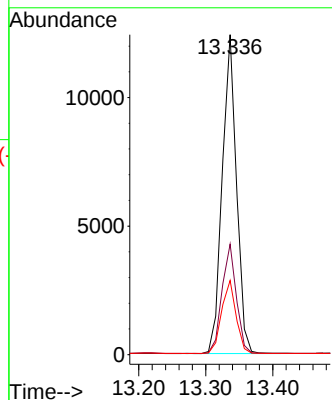
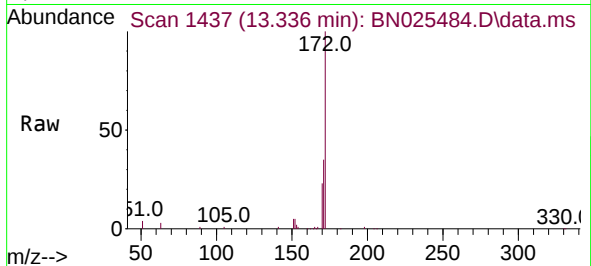




#15  
2-Fluorobiphenyl  
Concen: 0.487 ng  
RT: 13.336 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

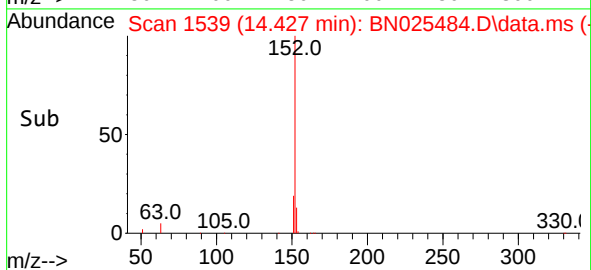
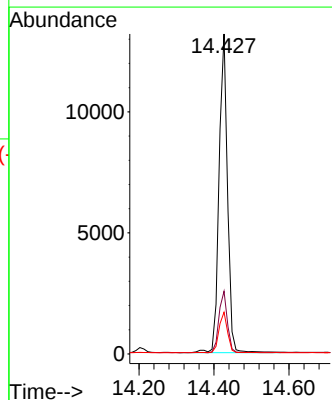
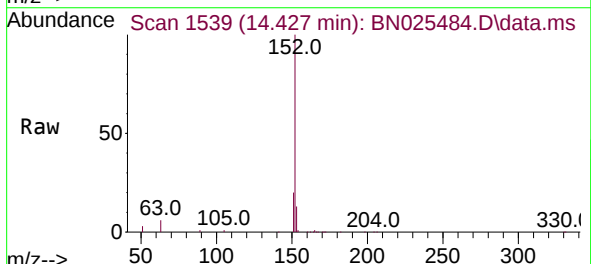
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

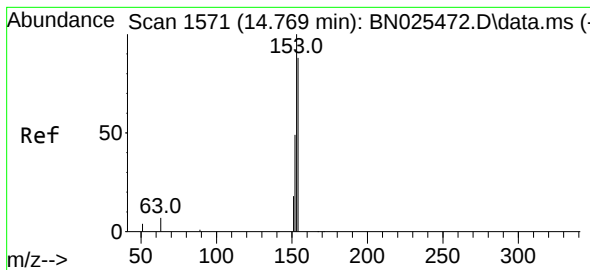
Tgt Ion:172 Resp: 18367  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.6 41.4  
170 23.2 18.9 28.3



#16  
Acenaphthylene  
Concen: 0.456 ng  
RT: 14.427 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

Tgt Ion:152 Resp: 20541  
Ion Ratio Lower Upper  
152 100  
151 19.1 15.4 23.2  
153 12.9 10.3 15.5





#17

Acenaphthene

Concen: 0.468 ng

RT: 14.769 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BN025484.D

Acq: 19 May 2023 10:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

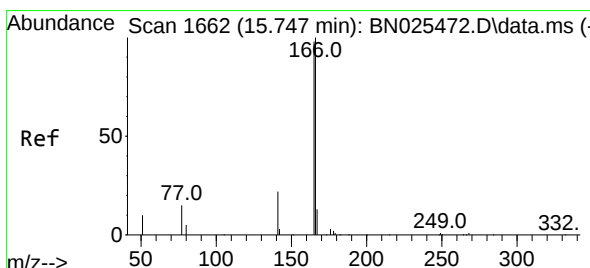
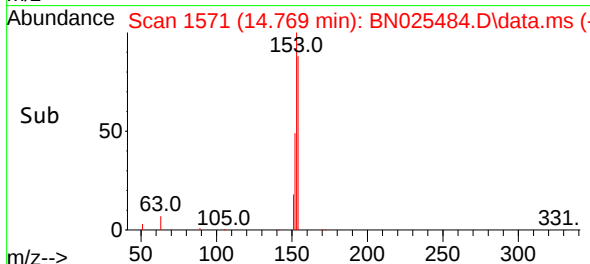
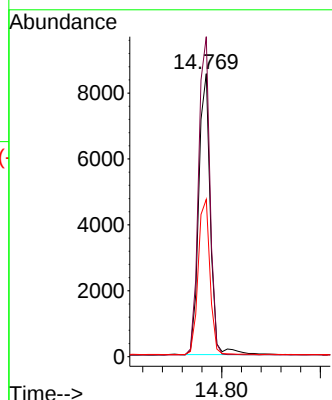
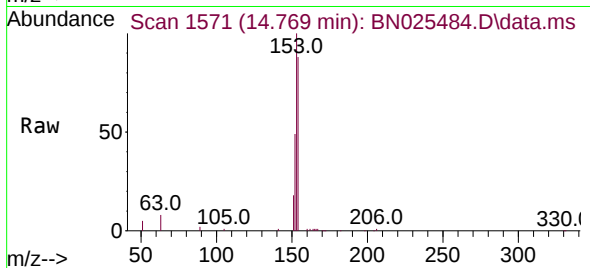
Tgt Ion:154 Resp: 13883

Ion Ratio Lower Upper

154 100

153 111.6 86.9 130.3

152 56.0 43.9 65.9



#18

Fluorene

Concen: 0.482 ng

RT: 15.747 min Scan# 1662

Delta R.T. -0.000 min

Lab File: BN025484.D

Acq: 19 May 2023 10:08

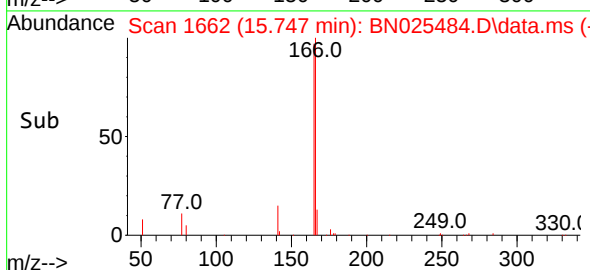
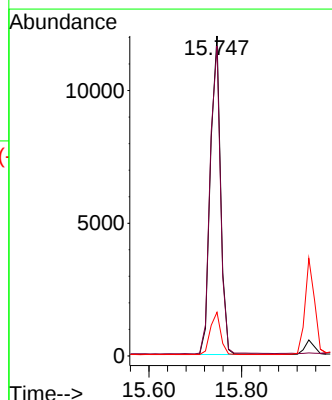
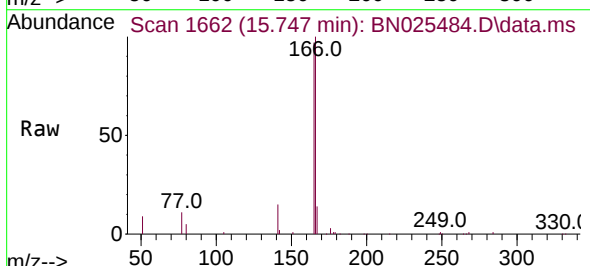
Tgt Ion:166 Resp: 17711

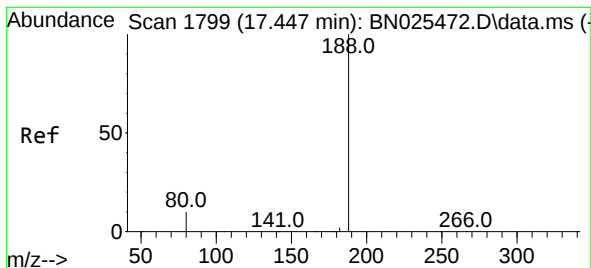
Ion Ratio Lower Upper

166 100

165 100.2 79.9 119.9

167 13.5 11.2 16.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.447 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025484.D

Acq: 19 May 2023 10:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

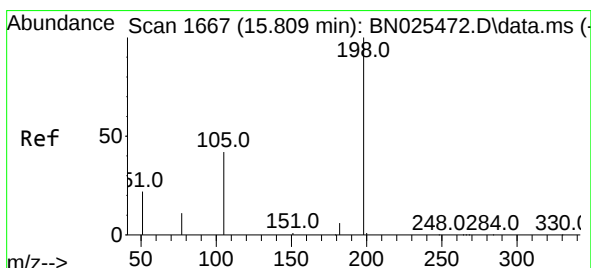
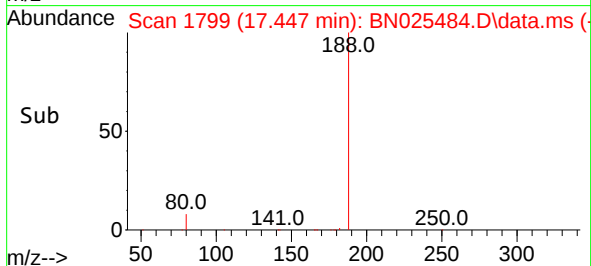
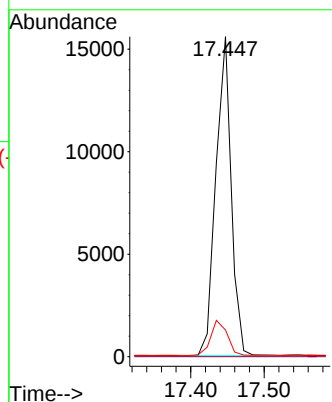
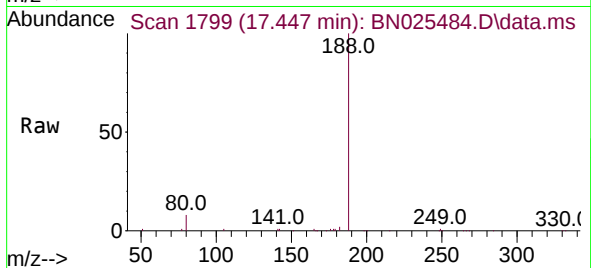
Tgt Ion:188 Resp: 22653

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 8.2 12.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.417 ng

RT: 15.821 min Scan# 1668

Delta R.T. 0.012 min

Lab File: BN025484.D

Acq: 19 May 2023 10:08

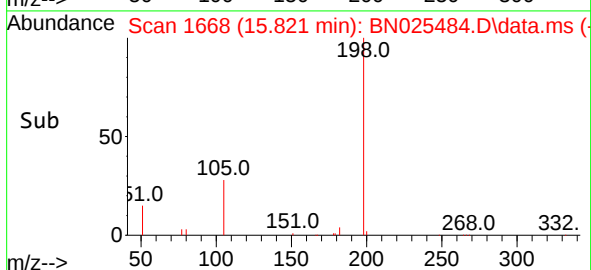
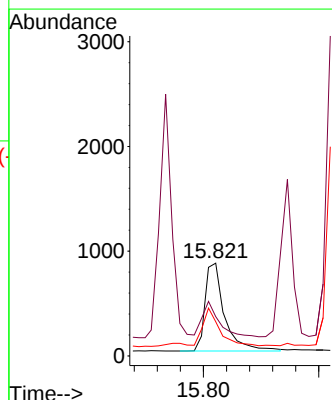
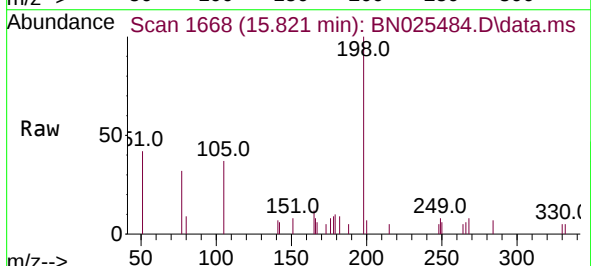
Tgt Ion:198 Resp: 1965

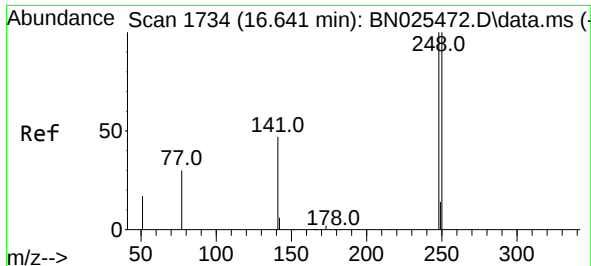
Ion Ratio Lower Upper

198 100

51 42.5 42.2 63.2

105 36.9 41.0 61.6#

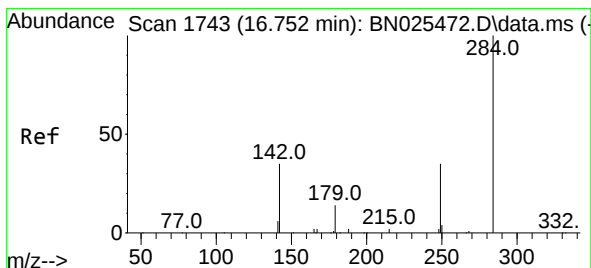
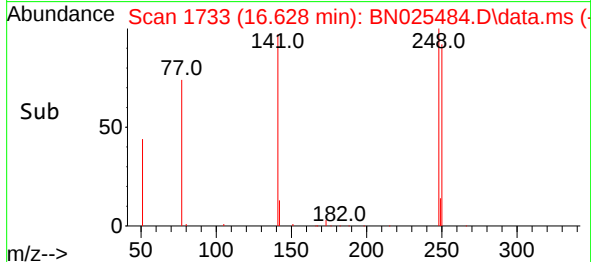
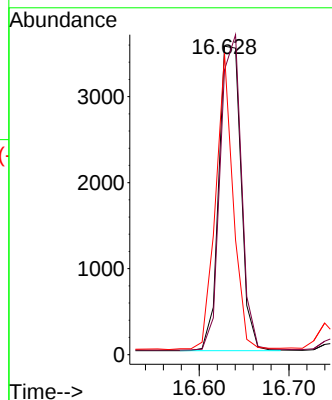
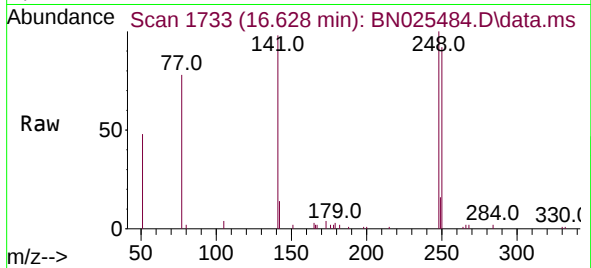




#21  
4-Bromophenyl-phenylether  
Concen: 0.457 ng  
RT: 16.628 min Scan# 1733  
Delta R.T. -0.013 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

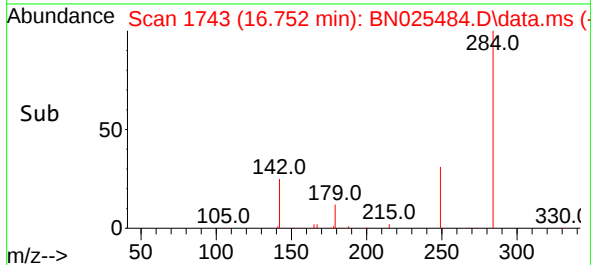
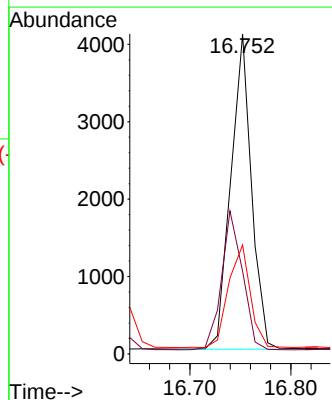
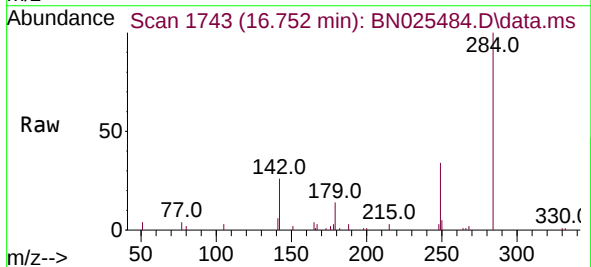
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

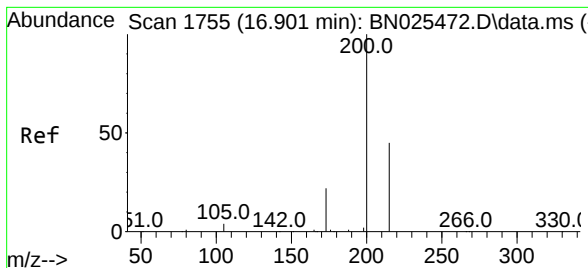
Tgt Ion:248 Resp: 6092  
Ion Ratio Lower Upper  
248 100  
250 92.4 79.8 119.8  
141 97.6 38.7 58.1#



#22  
Hexachlorobenzene  
Concen: 0.464 ng  
RT: 16.752 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

Tgt Ion:284 Resp: 5775  
Ion Ratio Lower Upper  
284 100  
142 44.7 36.0 54.0  
249 34.4 27.8 41.6





#23

Atrazine

Concen: 0.424 ng

RT: 16.889 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN025484.D

Acq: 19 May 2023 10:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

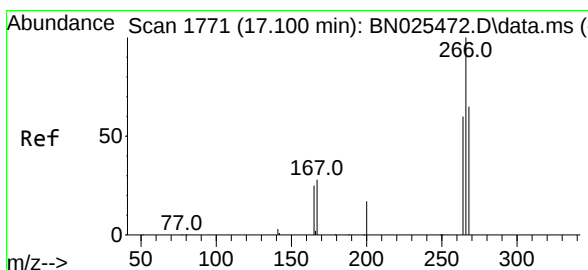
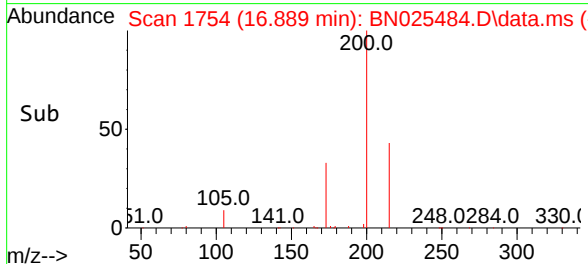
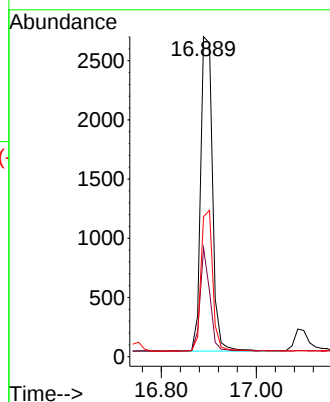
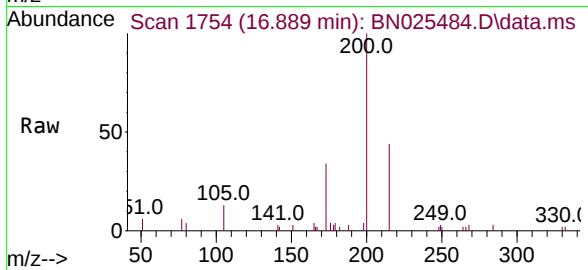
Tgt Ion:200 Resp: 4598

Ion Ratio Lower Upper

200 100

173 33.9 18.6 27.8#

215 43.7 36.9 55.3



#24

Pentachlorophenol

Concen: 0.368 ng

RT: 17.100 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BN025484.D

Acq: 19 May 2023 10:08

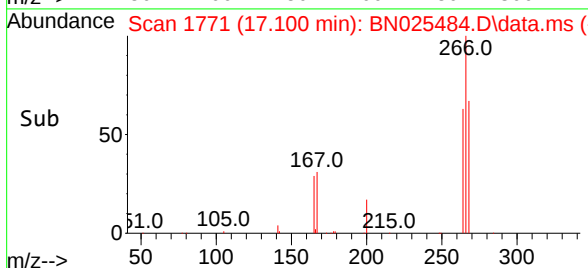
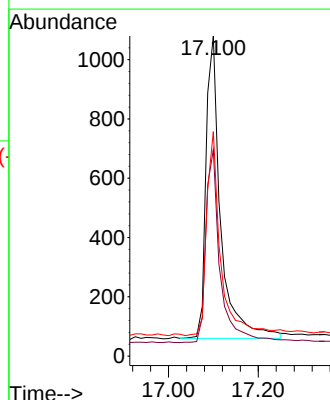
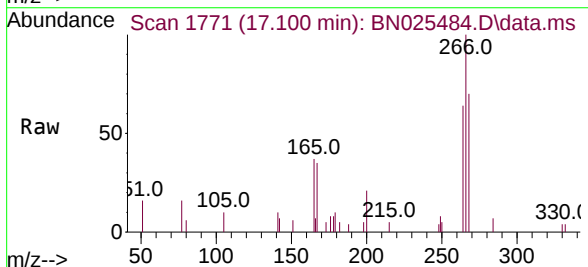
Tgt Ion:266 Resp: 2315

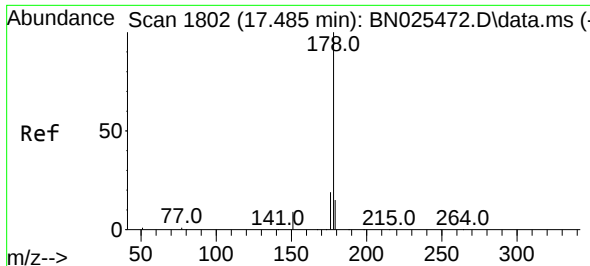
Ion Ratio Lower Upper

266 100

264 62.0 49.8 74.8

268 64.7 51.0 76.6

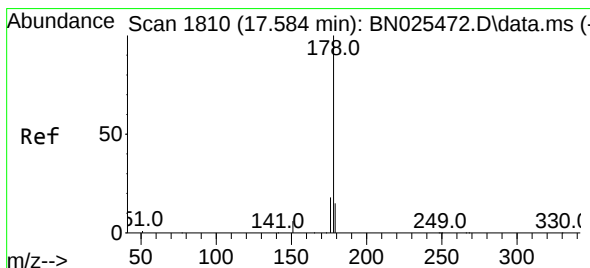
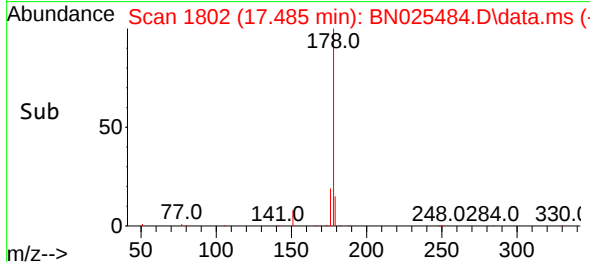
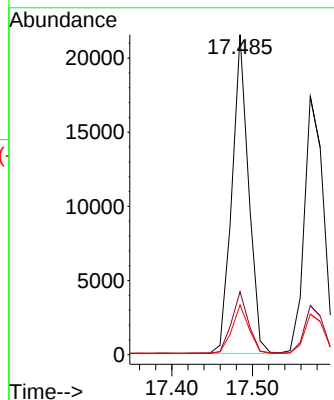
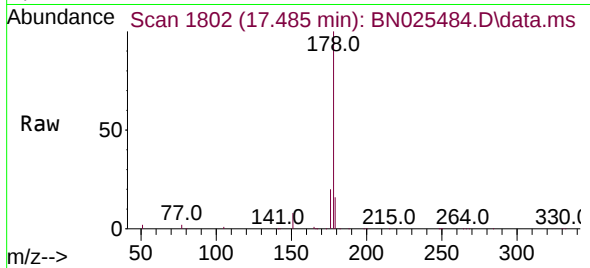




#25  
Phenanthrene  
Concen: 0.461 ng  
RT: 17.485 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

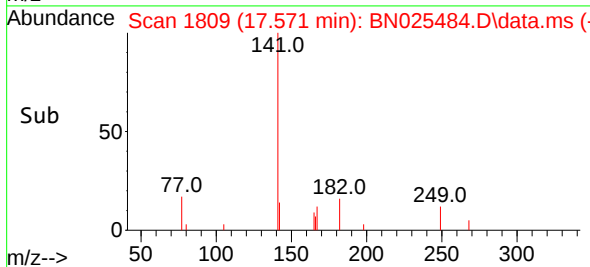
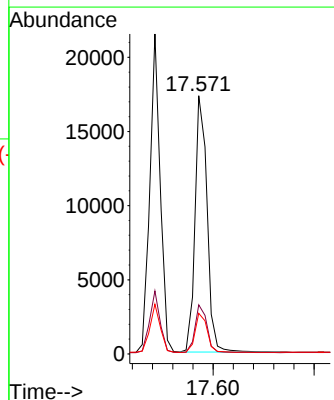
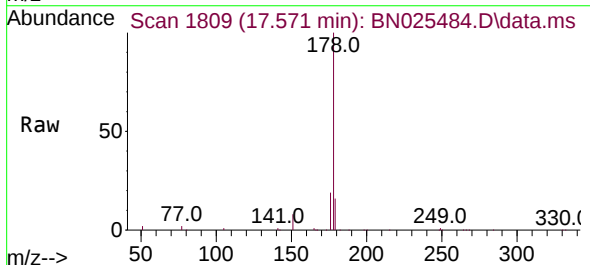
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

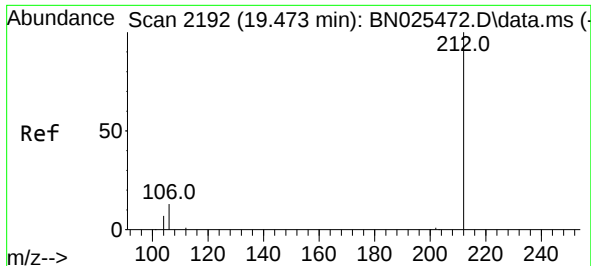
Tgt Ion:178 Resp: 30630  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.0  
179 15.4 12.1 18.1



#26  
Anthracene  
Concen: 0.462 ng  
RT: 17.571 min Scan# 1809  
Delta R.T. -0.013 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

Tgt Ion:178 Resp: 28665  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.0 22.6  
179 15.3 12.1 18.1

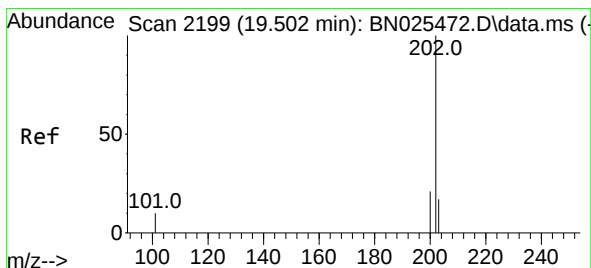
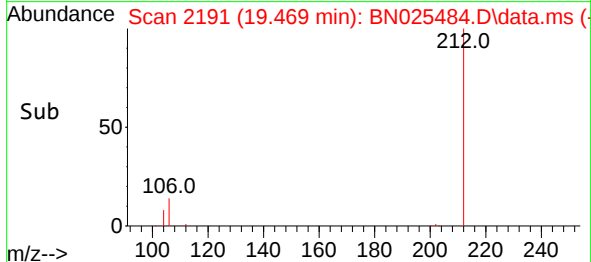
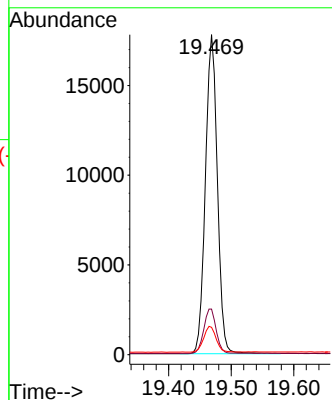
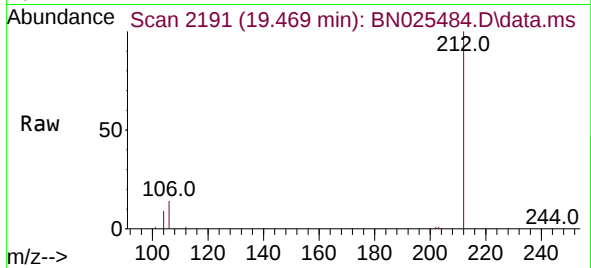




#27  
Fluoranthene-d10  
Concen: 0.451 ng  
RT: 19.469 min Scan# 2191  
Delta R.T. -0.004 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

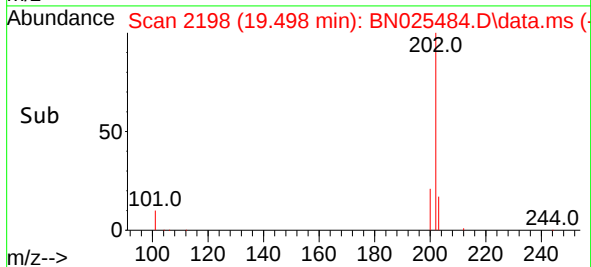
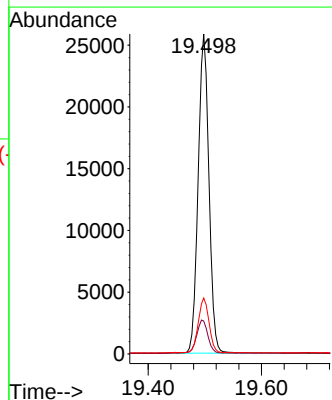
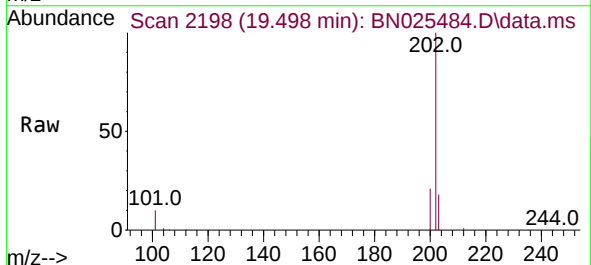
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

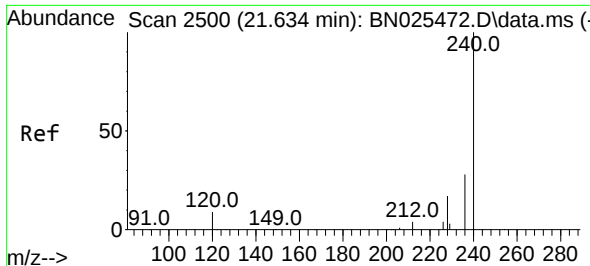
Tgt Ion:212 Resp: 23571  
Ion Ratio Lower Upper  
212 100  
106 14.4 11.4 17.2  
104 8.4 6.6 10.0



#28  
Fluoranthene  
Concen: 0.455 ng  
RT: 19.498 min Scan# 2198  
Delta R.T. -0.004 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

Tgt Ion:202 Resp: 34301  
Ion Ratio Lower Upper  
202 100  
101 10.8 8.7 13.1  
203 17.1 13.8 20.6

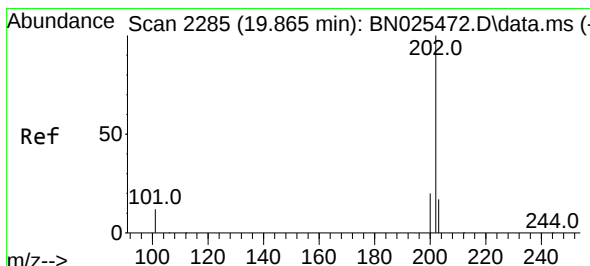
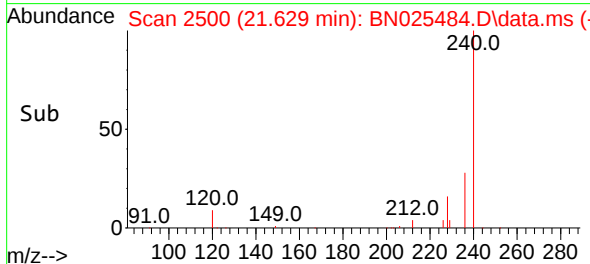
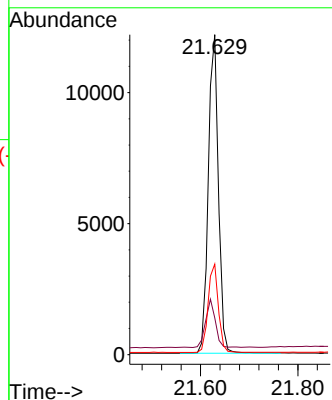
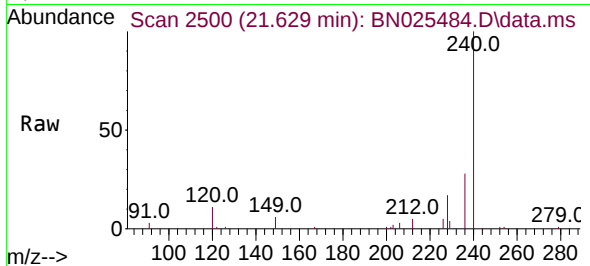




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.629 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

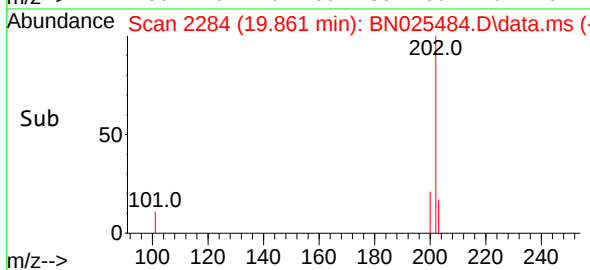
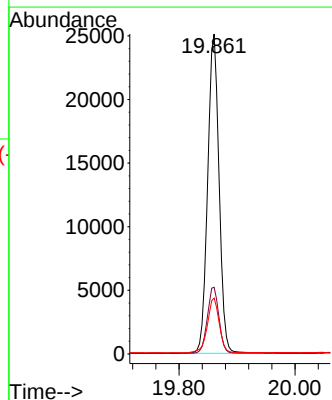
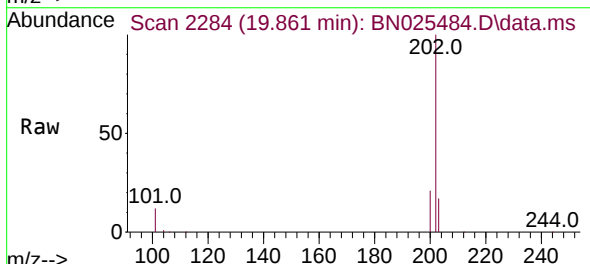
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

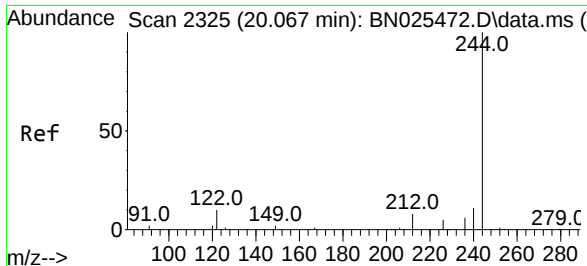
Tgt Ion:240 Resp: 17583  
Ion Ratio Lower Upper  
240 100  
120 11.5 8.6 12.8  
236 28.3 22.7 34.1



#30  
Pyrene  
Concen: 0.489 ng  
RT: 19.861 min Scan# 2284  
Delta R.T. -0.004 min  
Lab File: BN025484.D  
Acq: 19 May 2023 10:08

Tgt Ion:202 Resp: 34280  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.8 25.2  
203 17.7 14.2 21.4

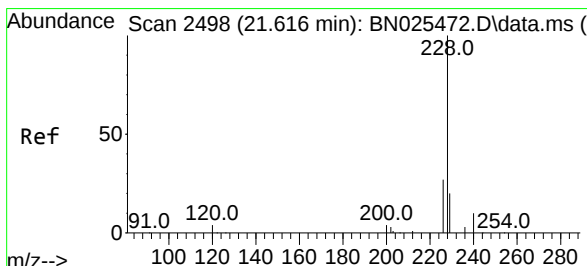
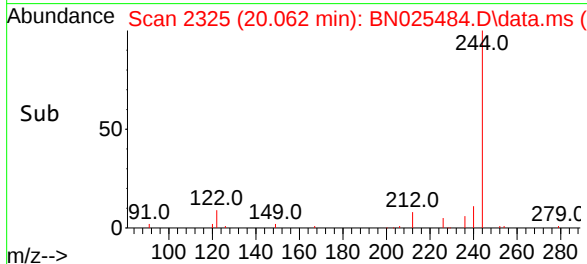
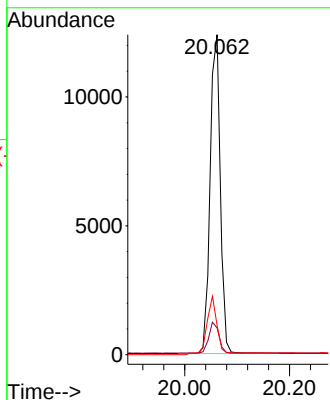
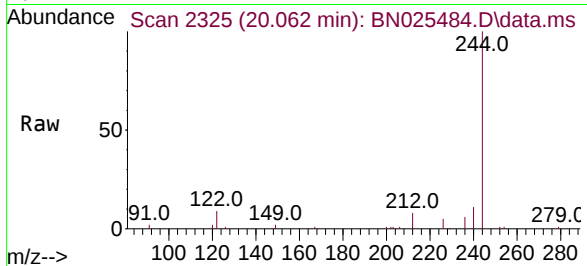




#31  
 Terphenyl-d14  
 Concen: 0.474 ng  
 RT: 20.062 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BN025484.D  
 Acq: 19 May 2023 10:08

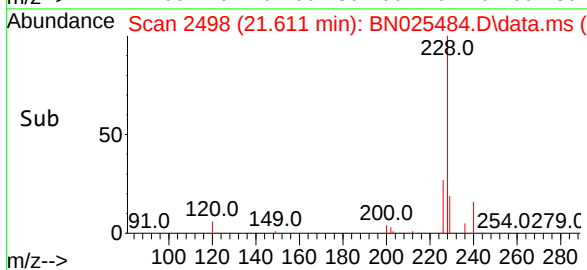
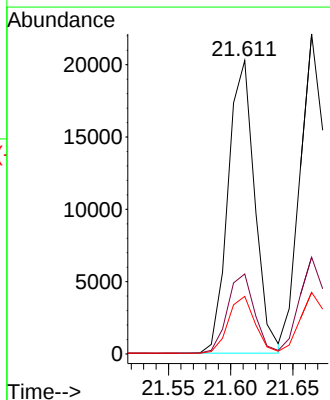
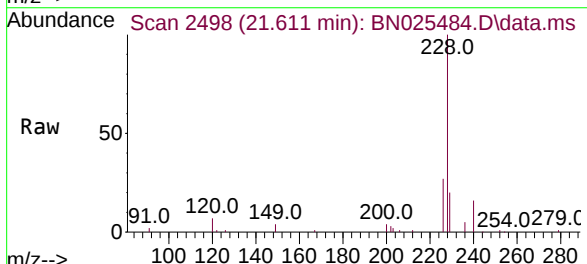
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

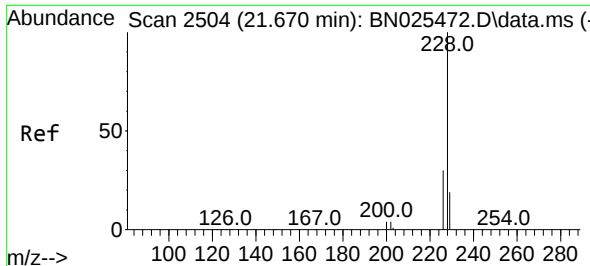
Tgt Ion:244 Resp: 14812  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.6 10.0  
 122 9.2 8.1 12.1



#32  
 Benzo(a)anthracene  
 Concen: 0.474 ng  
 RT: 21.611 min Scan# 2498  
 Delta R.T. -0.005 min  
 Lab File: BN025484.D  
 Acq: 19 May 2023 10:08

Tgt Ion:228 Resp: 30165  
 Ion Ratio Lower Upper  
 228 100  
 226 27.3 22.1 33.1  
 229 19.6 15.8 23.8





#33

Chrysene

Concen: 0.496 ng

RT: 21.665 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN025484.D

Acq: 19 May 2023 10:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

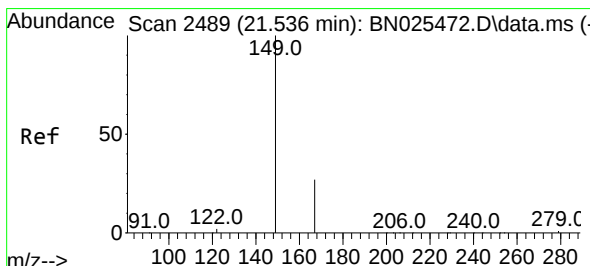
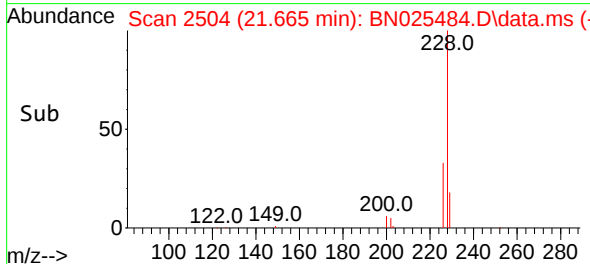
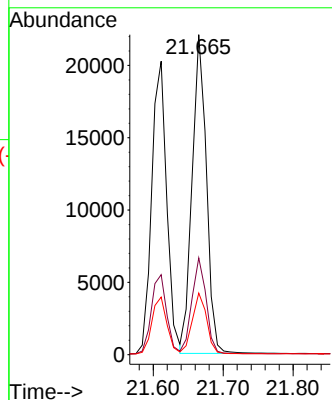
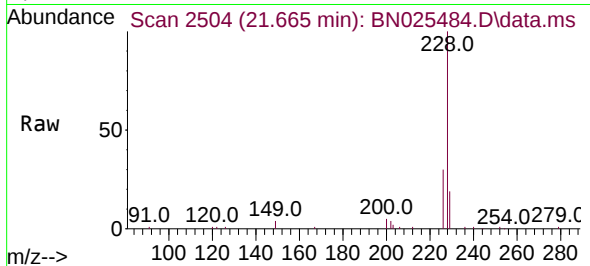
Tgt Ion:228 Resp: 31303

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 19.3 15.4 23.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.442 ng

RT: 21.531 min Scan# 2489

Delta R.T. -0.005 min

Lab File: BN025484.D

Acq: 19 May 2023 10:08

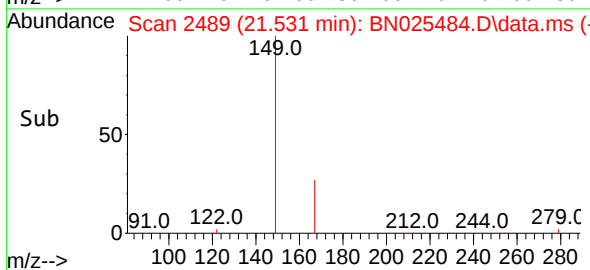
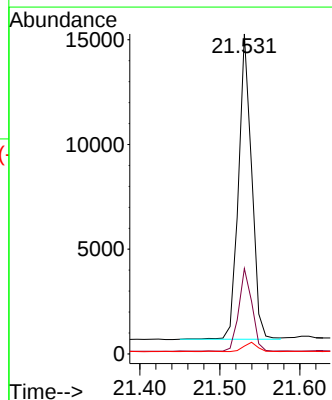
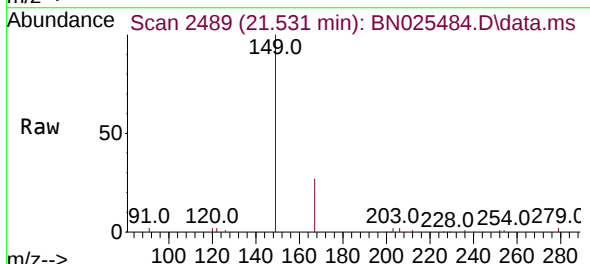
Tgt Ion:149 Resp: 16558

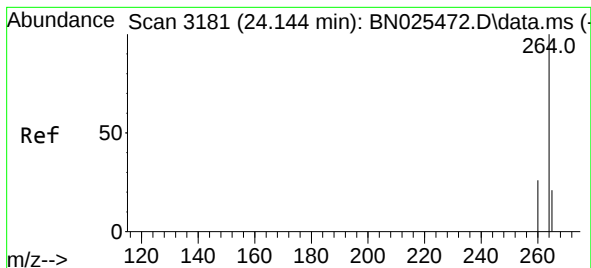
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 3.0 2.6 3.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.151 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN025484.D

Acq: 19 May 2023 10:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

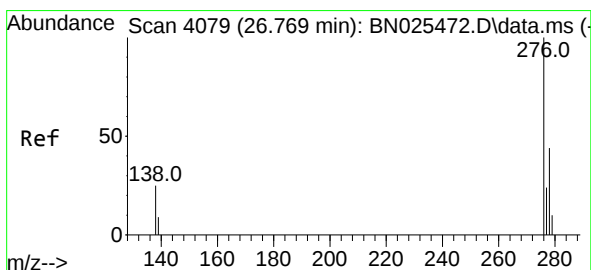
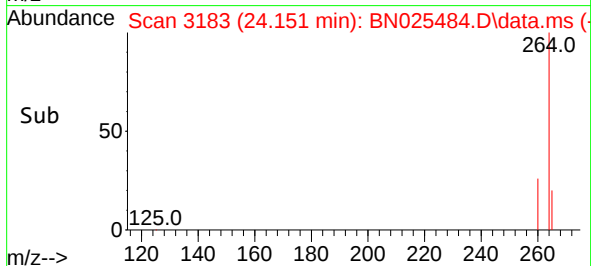
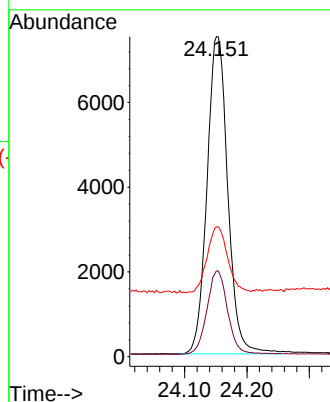
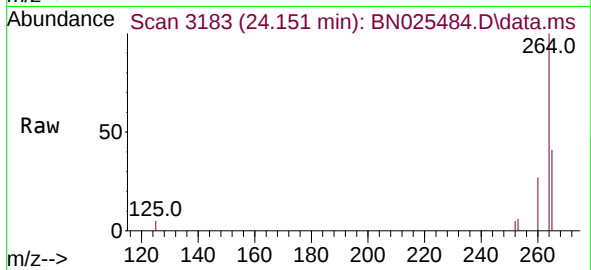
Tgt Ion:264 Resp: 17327

Ion Ratio Lower Upper

264 100

260 26.8 21.2 31.8

265 40.6 27.1 40.7



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.454 ng

RT: 26.806 min Scan# 4091

Delta R.T. 0.037 min

Lab File: BN025484.D

Acq: 19 May 2023 10:08

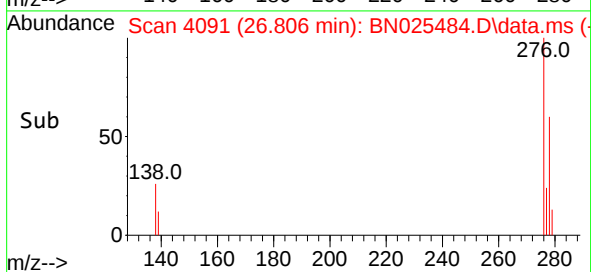
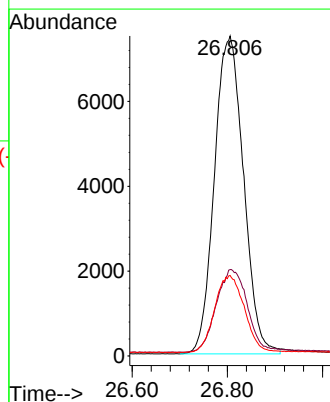
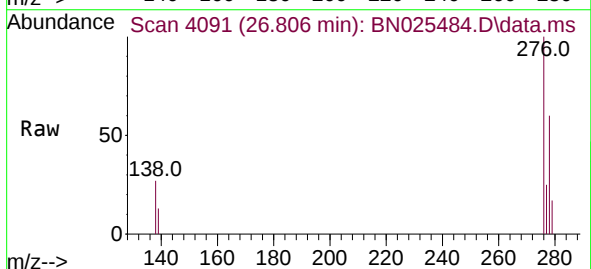
Tgt Ion:276 Resp: 31815

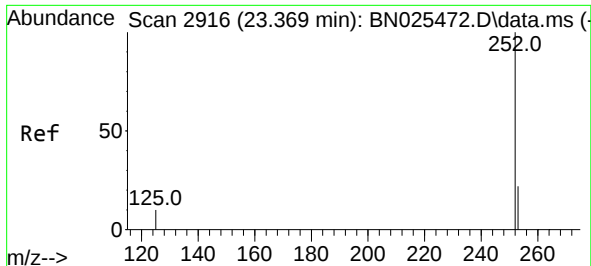
Ion Ratio Lower Upper

276 100

138 27.8 21.8 32.6

277 24.7 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.463 ng

RT: 23.376 min Scan# 2916

Delta R.T. 0.007 min

Lab File: BN025484.D

Acq: 19 May 2023 10:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

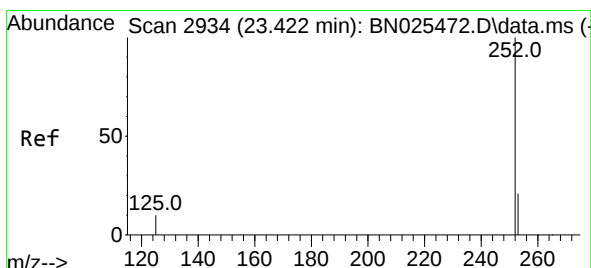
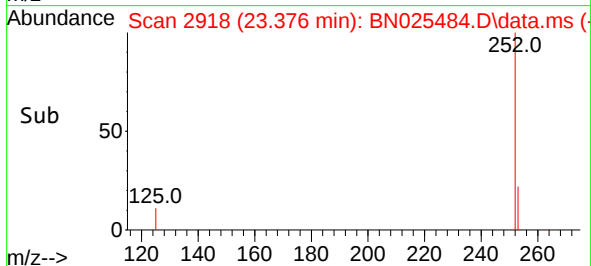
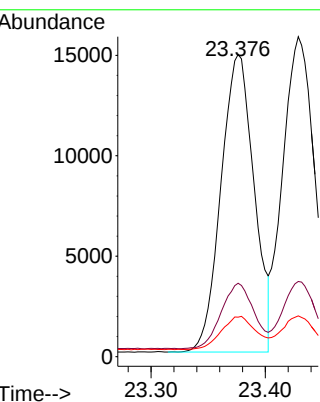
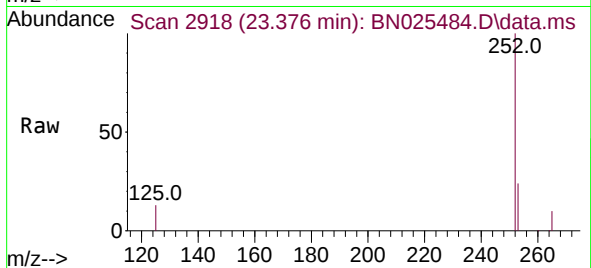
Tgt Ion:252 Resp: 29775

Ion Ratio Lower Upper

252 100

253 24.3 18.8 28.2

125 13.1 9.6 14.4



#38

Benzo(k)fluoranthene

Concen: 0.465 ng

RT: 23.429 min Scan# 2936

Delta R.T. 0.007 min

Lab File: BN025484.D

Acq: 19 May 2023 10:08

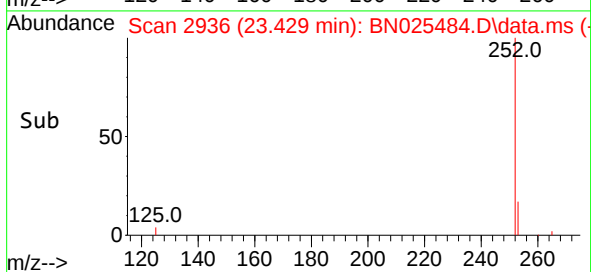
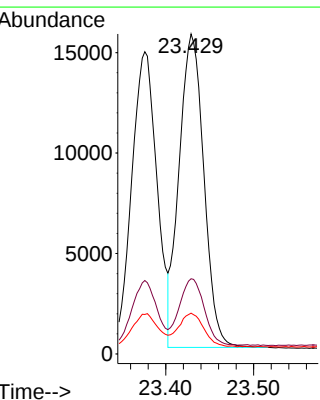
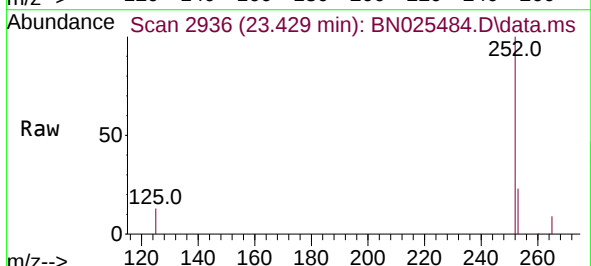
Tgt Ion:252 Resp: 30555

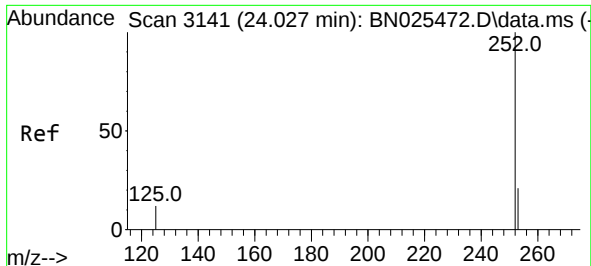
Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

125 12.7 9.8 14.8





#39

Benzo(a)pyrene

Concen: 0.442 ng

RT: 24.034 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN025484.D

Acq: 19 May 2023 10:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

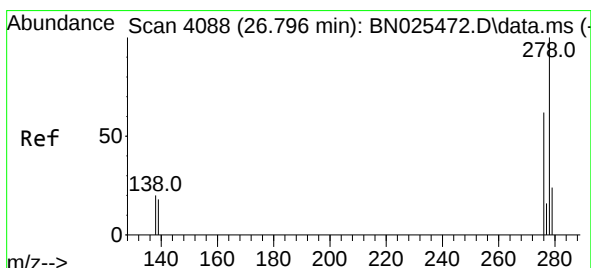
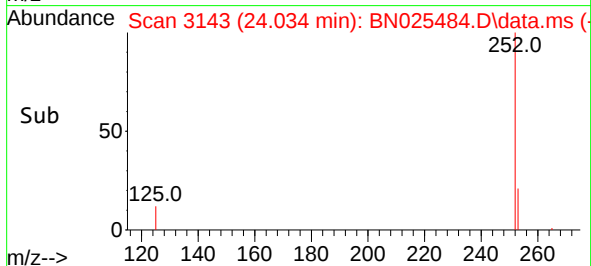
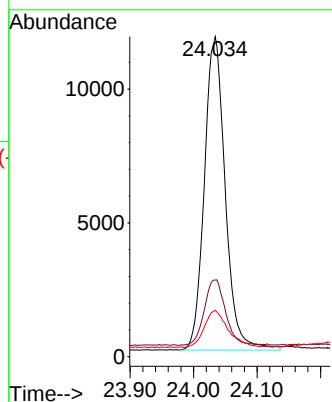
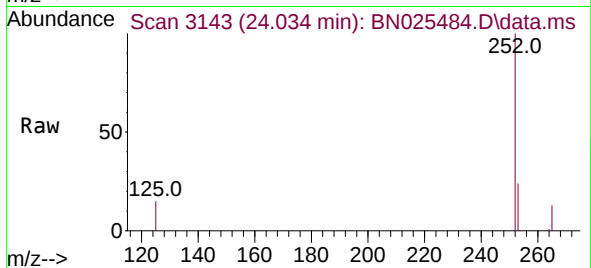
Tgt Ion:252 Resp: 26747

Ion Ratio Lower Upper

252 100

253 23.9 18.6 28.0

125 14.5 11.0 16.6



#40

Dibenzo(a,h)anthracene

Concen: 0.462 ng

RT: 26.835 min Scan# 4101

Delta R.T. 0.039 min

Lab File: BN025484.D

Acq: 19 May 2023 10:08

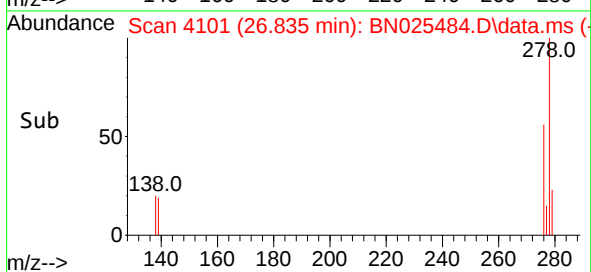
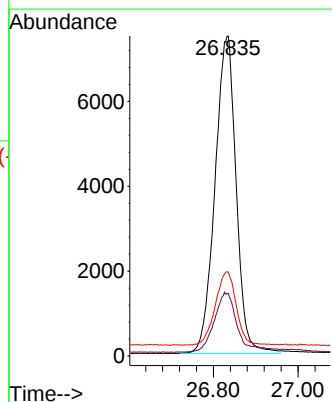
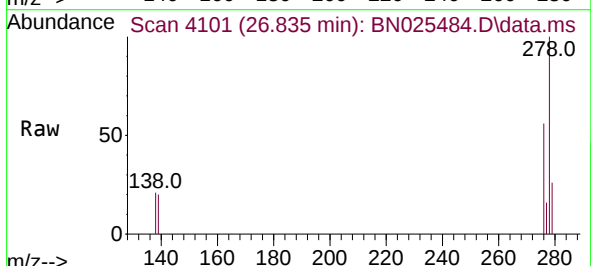
Tgt Ion:278 Resp: 25936

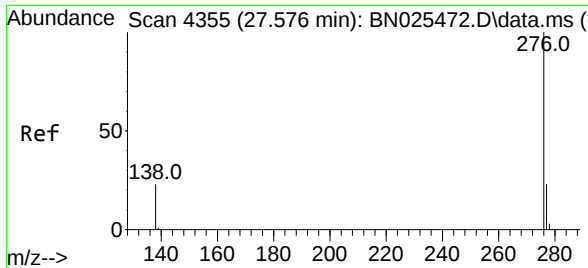
Ion Ratio Lower Upper

278 100

139 19.6 15.0 22.6

279 26.2 20.5 30.7





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.458 ng  
 RT: 27.610 min Scan# 41  
 Delta R.T. 0.034 min  
 Lab File: BN025484.D  
 Acq: 19 May 2023 10:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 27106 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.6  | 19.2  | 28.8  |
| 138      | 24.5  | 19.2  | 28.8  |

