

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101221\  
 Data File : BN016896.D  
 Acq On : 12 Oct 2021 10:32  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Oct 12 11:55:06 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN101221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 12 02:31:22 2021  
 Response via : Initial Calibration

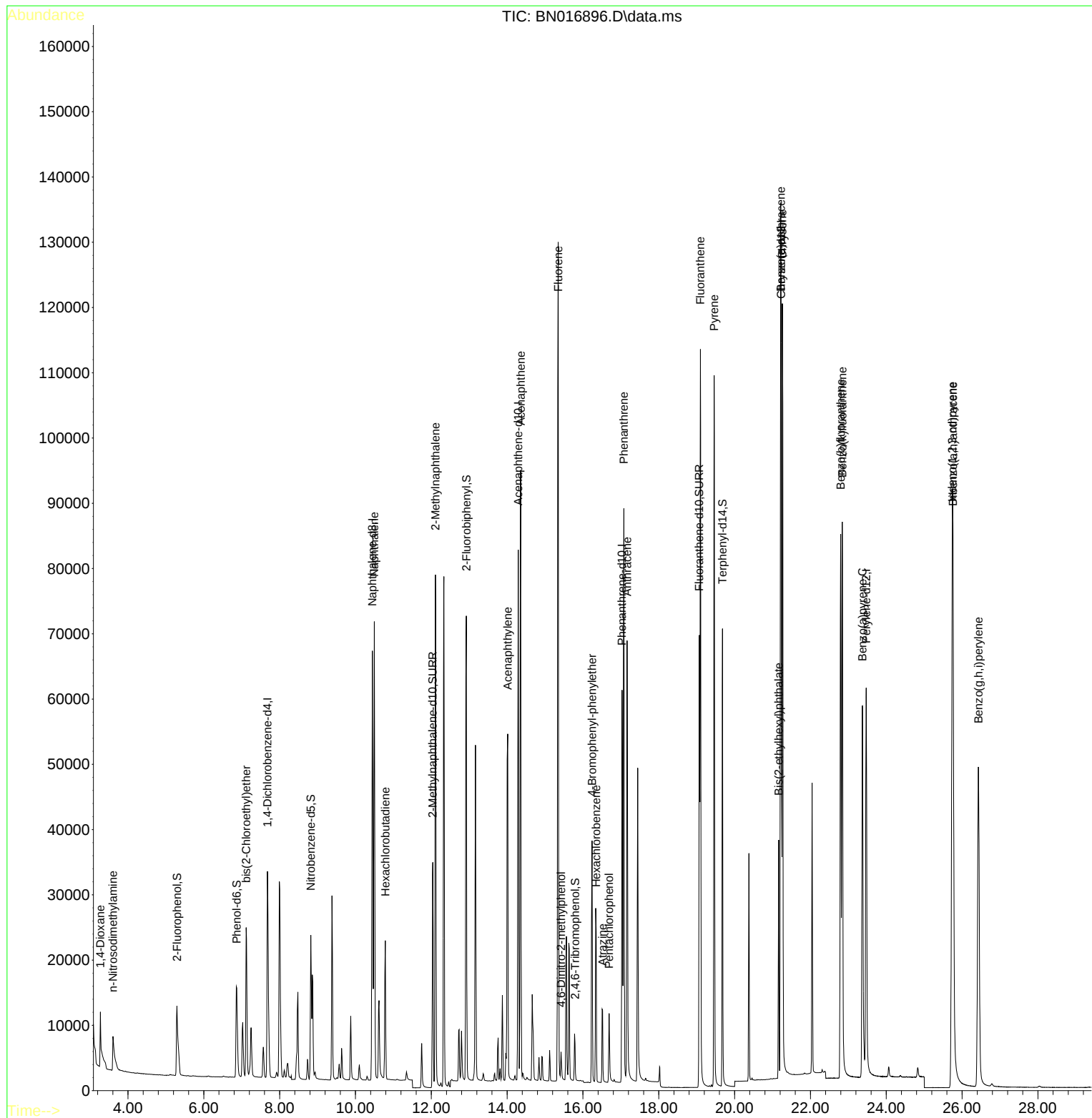
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.679  | 152  | 20011    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.445 | 136  | 88267    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.294 | 164  | 45971    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.030 | 188  | 84478    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.227 | 240  | 83451    | 0.400 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.471 | 264  | 82591    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.291  | 112  | 17139    | 0.334 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.868  | 99   | 18531    | 0.322 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.822  | 82   | 19876    | 0.333 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.038 | 152  | 48465    | 0.379 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 6384     | 0.286 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.924 | 172  | 69845    | 0.397 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.068 | 212  | 80208    | 0.362 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.678 | 244  | 71352    | 0.376 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.272  | 88   | 5568     | 0.372 | ng    | # 94     |
| 3) n-Nitrosodimethylamine     | 3.604  | 42   | 6000     | 0.367 | ng    | # 98     |
| 6) bis(2-Chloroethyl)ether    | 7.117  | 93   | 21738    | 0.387 | ng    | 99       |
| 9) Naphthalene                | 10.495 | 128  | 91104    | 0.379 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.787 | 225  | 17985    | 0.398 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.109 | 142  | 58158    | 0.387 | ng    | 100      |
| 16) Acenaphthylene            | 14.015 | 152  | 69187    | 0.353 | ng    | 100      |
| 17) Acenaphthene              | 14.358 | 154  | 49790    | 0.382 | ng    | 99       |
| 18) Fluorene                  | 15.347 | 166  | 59621    | 0.379 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.423 | 198  | 3237     | 0.350 | ng    | 97       |
| 21) 4-Bromophenyl-phenylether | 16.239 | 248  | 18887    | 0.373 | ng    | # 90     |
| 22) Hexachlorobenzene         | 16.348 | 284  | 23078    | 0.400 | ng    | 99       |
| 23) Atrazine                  | 16.519 | 200  | 10955    | 0.297 | ng    | 97       |
| 24) Pentachlorophenol         | 16.689 | 266  | 5697     | 0.347 | ng    | 99       |
| 25) Phenanthrene              | 17.078 | 178  | 95521    | 0.394 | ng    | 100      |
| 26) Anthracene                | 17.164 | 178  | 75893    | 0.356 | ng    | 100      |
| 28) Fluoranthene              | 19.098 | 202  | 104035   | 0.390 | ng    | 100      |
| 30) Pyrene                    | 19.460 | 202  | 102579   | 0.375 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.217 | 228  | 93559    | 0.350 | ng    | 99       |
| 33) Chrysene                  | 21.259 | 228  | 110401   | 0.403 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.164 | 149  | 30949    | 0.211 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.740 | 276  | 124638   | 0.385 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.796 | 252  | 105663   | 0.383 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 22.841 | 252  | 109143   | 0.400 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.368 | 252  | 93207    | 0.371 | ng    | 100      |
| 40) Dibenzo(a,h)anthracene    | 25.761 | 278  | 102080   | 0.386 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.432 | 276  | 109244   | 0.392 | ng    | 99       |

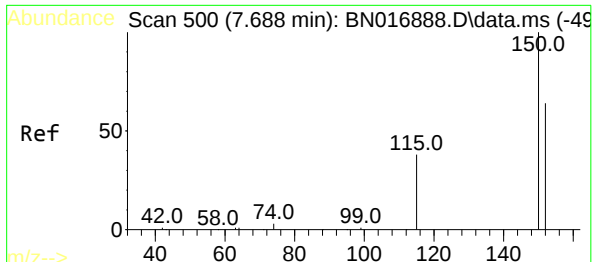
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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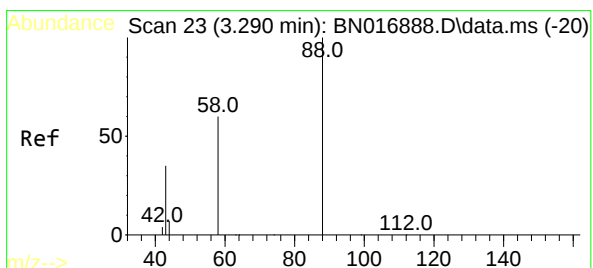
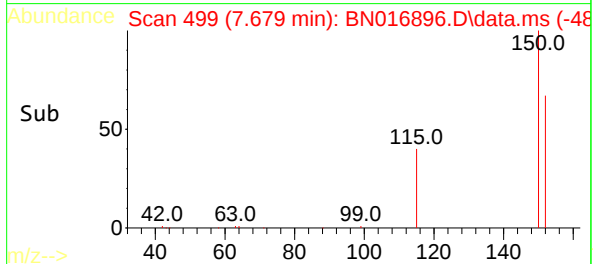
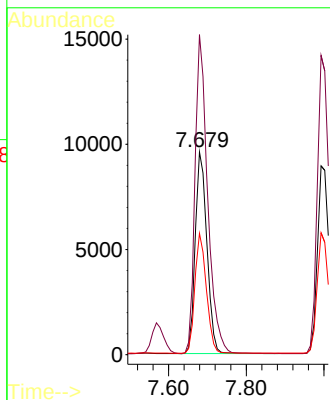
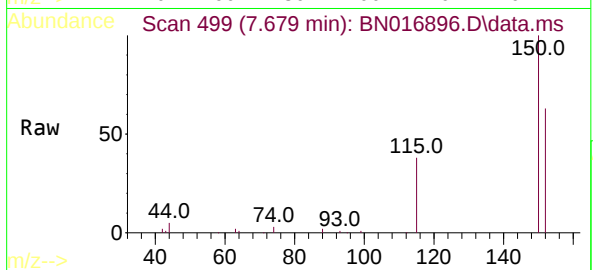




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.679 min Scan# 49  
 Delta R.T. -0.009 min  
 Lab File: BN016896.D  
 Acq: 12 Oct 2021 10:32

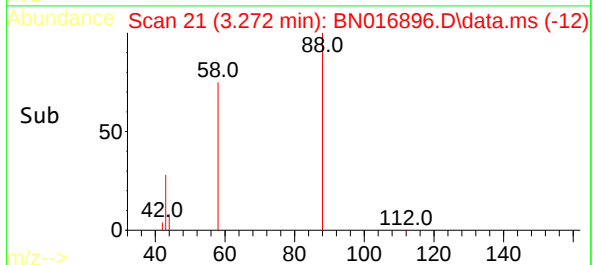
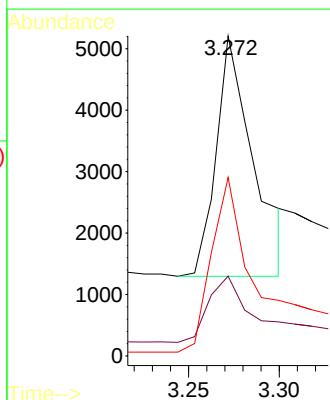
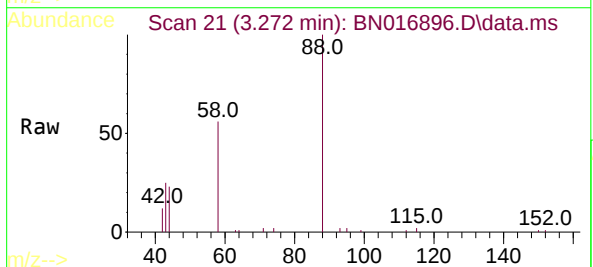
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

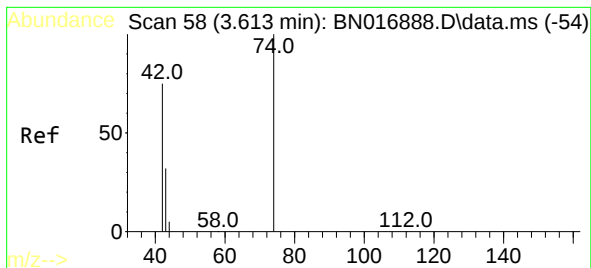
Tgt Ion:152 Resp: 20011  
 Ion Ratio Lower Upper  
 152 100  
 150 157.8 124.2 186.4  
 115 59.8 47.0 70.6



#2  
 1,4-Dioxane  
 Concen: 0.372 ng  
 RT: 3.272 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BN016896.D  
 Acq: 12 Oct 2021 10:32

Tgt Ion: 88 Resp: 5568  
 Ion Ratio Lower Upper  
 88 100  
 43 30.9 32.0 48.0#  
 58 76.8 60.6 90.8





#3

n-Nitrosodimethylamine

Concen: 0.367 ng

RT: 3.604 min Scan# 51

Delta R.T. -0.009 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

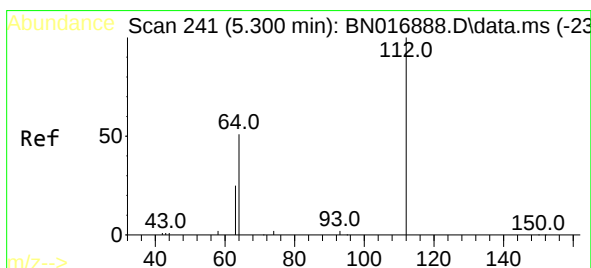
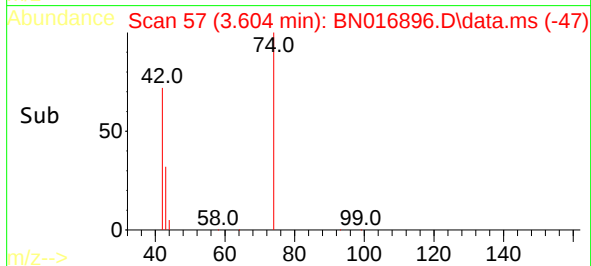
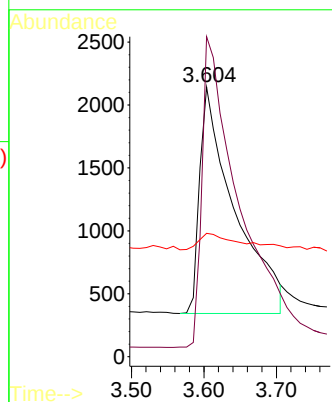
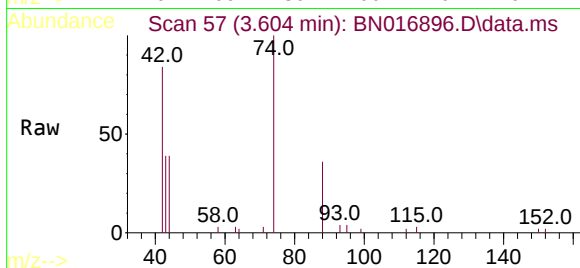
Tgt Ion: 42 Resp: 6000

Ion Ratio Lower Upper

42 100

74 144.0 117.2 175.8

44 8.5 5.4 8.0#



#4

2-Fluorophenol

Concen: 0.334 ng

RT: 5.291 min Scan# 240

Delta R.T. -0.009 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

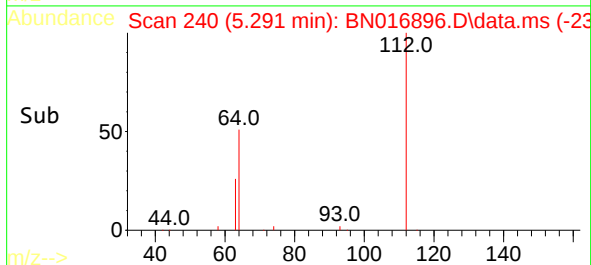
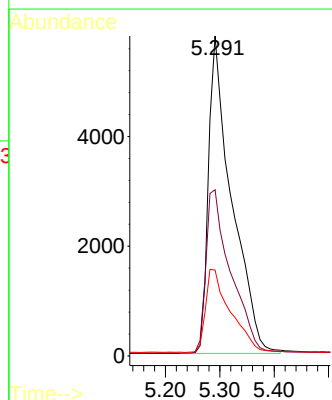
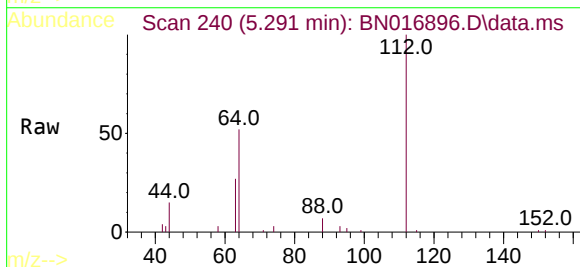
Tgt Ion: 112 Resp: 17139

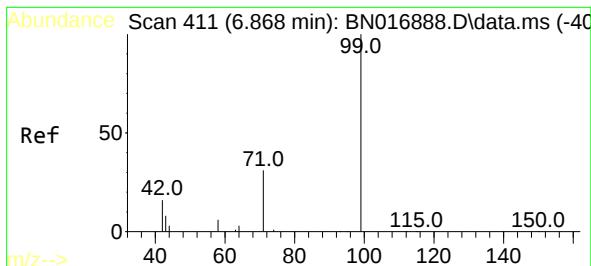
Ion Ratio Lower Upper

112 100

64 54.9 44.5 66.7

63 28.0 22.1 33.1





#5

Phenol-d6

Concen: 0.322 ng

RT: 6.868 min Scan# 411

Delta R.T. -0.000 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

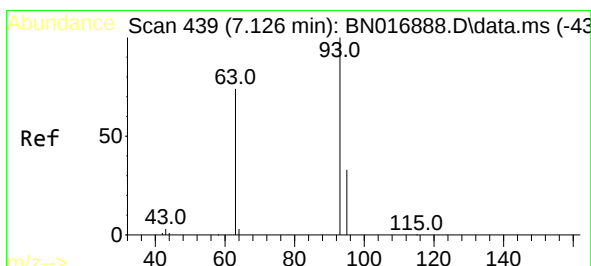
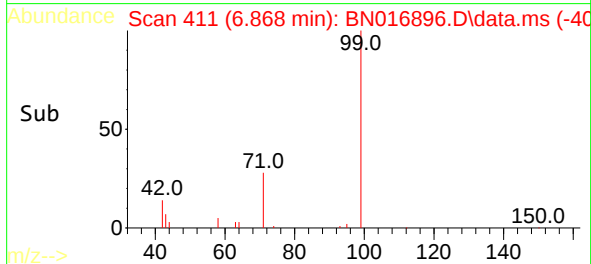
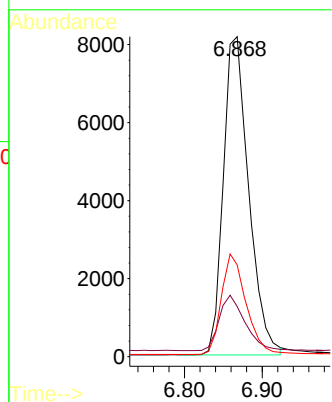
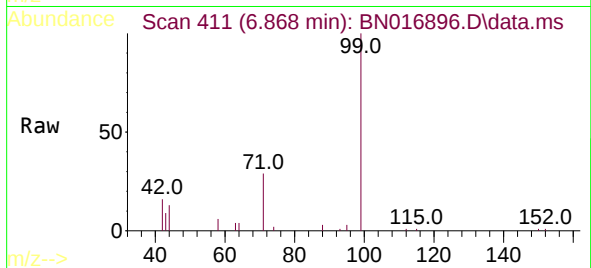
Tgt Ion: 99 Resp: 18531

Ion Ratio Lower Upper

99 100

42 17.6 13.9 20.9

71 30.5 24.5 36.7



#6

bis(2-Chloroethyl)ether

Concen: 0.387 ng

RT: 7.117 min Scan# 438

Delta R.T. -0.009 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

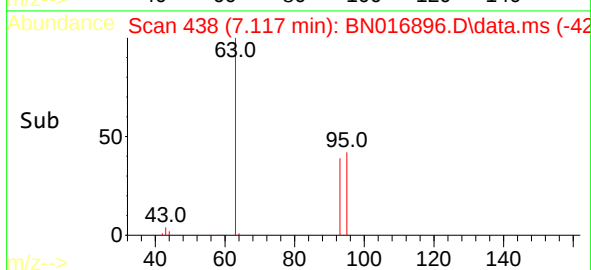
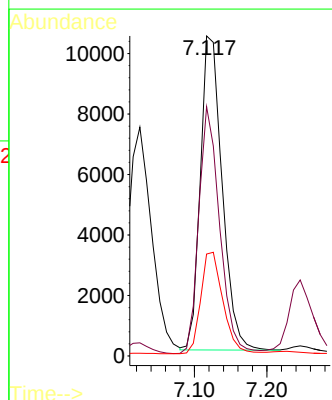
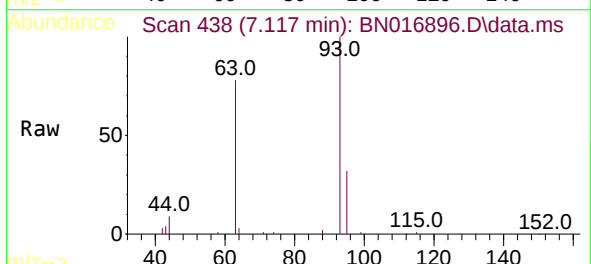
Tgt Ion: 93 Resp: 21738

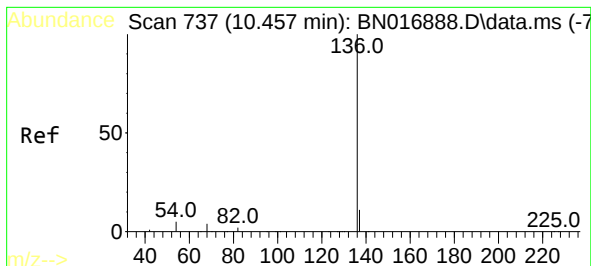
Ion Ratio Lower Upper

93 100

63 75.3 59.8 89.6

95 33.0 26.4 39.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.445 min Scan# 71

Delta R.T. -0.013 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 88267

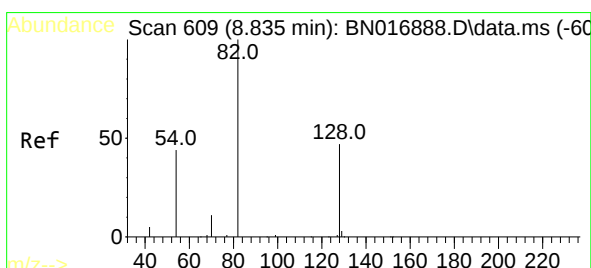
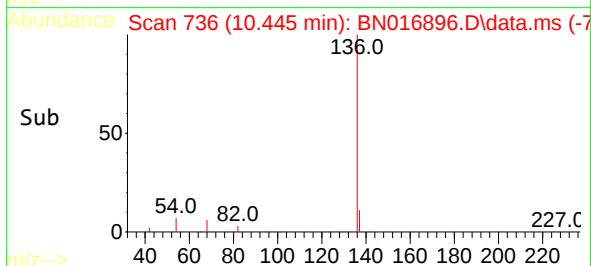
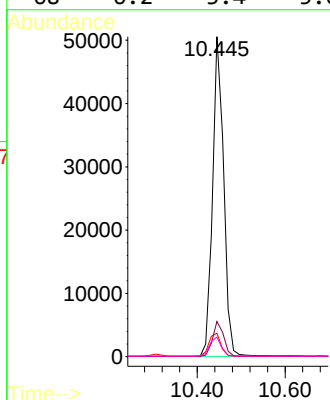
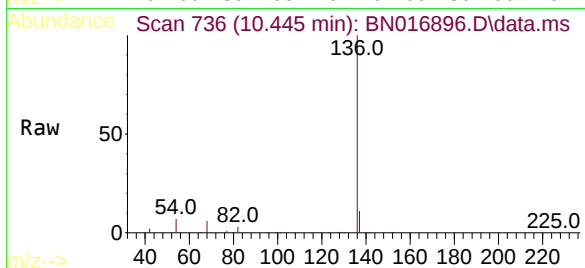
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.3 3.8 5.6#

68 6.2 3.4 5.0#



#8

Nitrobenzene-d5

Concen: 0.333 ng

RT: 8.822 min Scan# 608

Delta R.T. -0.013 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

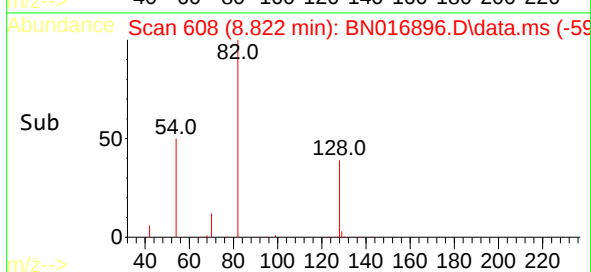
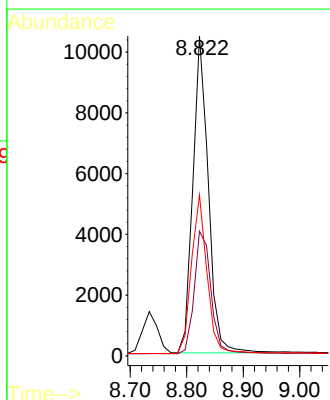
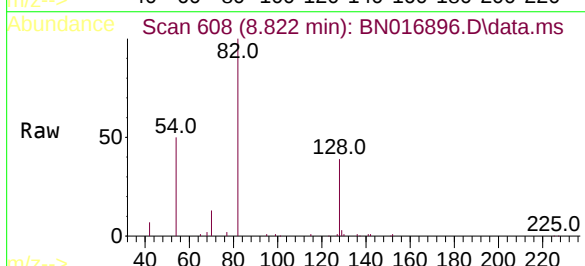
Tgt Ion: 82 Resp: 19876

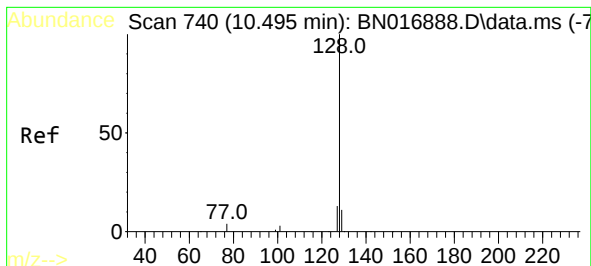
Ion Ratio Lower Upper

82 100

128 39.0 37.8 56.6

54 50.3 35.3 52.9





#9

Naphthalene

Concen: 0.379 ng

RT: 10.495 min Scan# 740

Delta R.T. -0.000 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

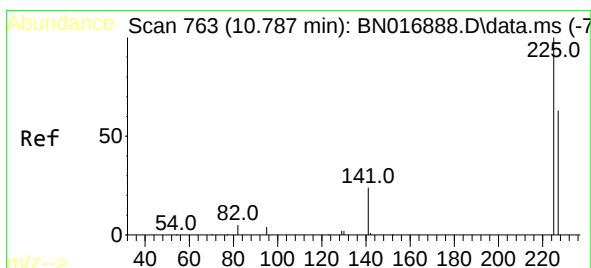
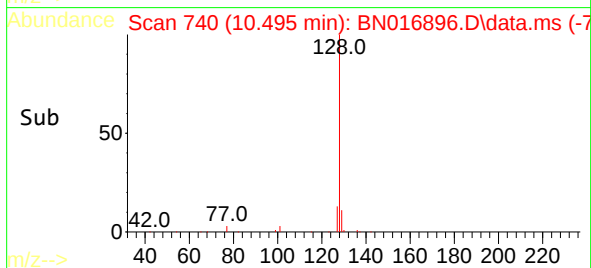
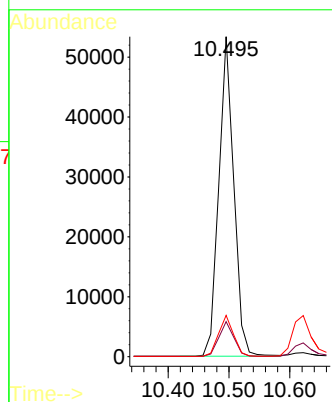
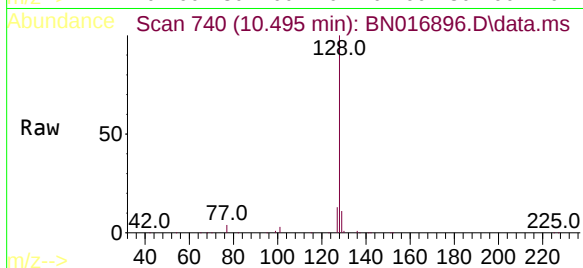
Tgt Ion:128 Resp: 91104

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.9 10.7 16.1



#10

Hexachlorobutadiene

Concen: 0.398 ng

RT: 10.787 min Scan# 763

Delta R.T. -0.000 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

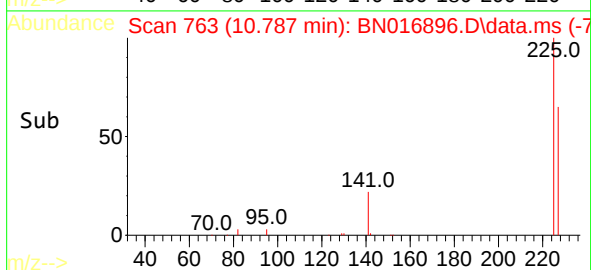
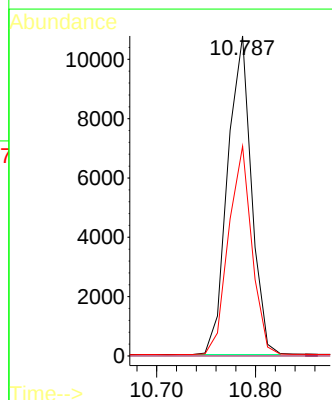
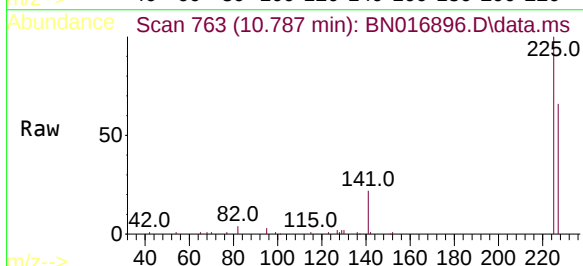
Tgt Ion:225 Resp: 17985

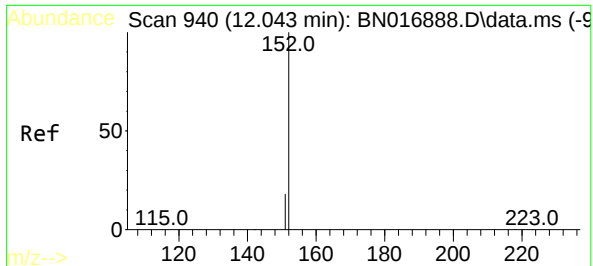
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.1 50.9 76.3

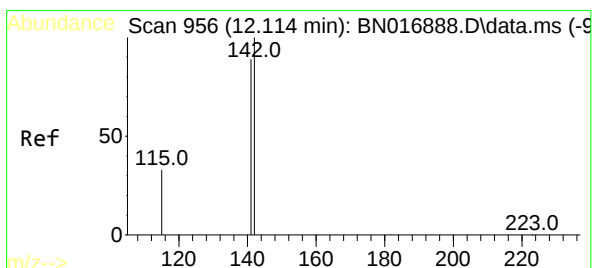
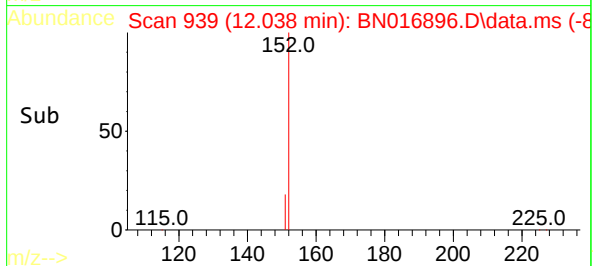
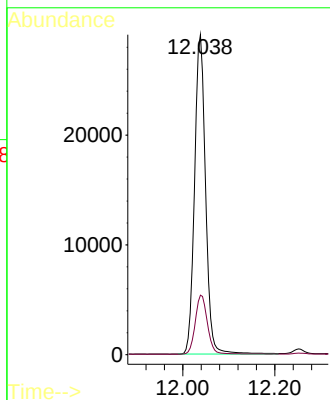
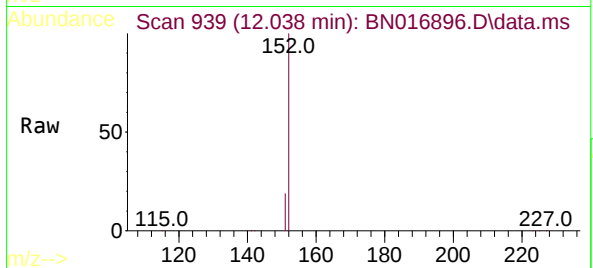




#11  
2-Methylnaphthalene-d10  
Concen: 0.379 ng  
RT: 12.038 min Scan# 911  
Delta R.T. -0.004 min  
Lab File: BN016896.D  
Acq: 12 Oct 2021 10:32

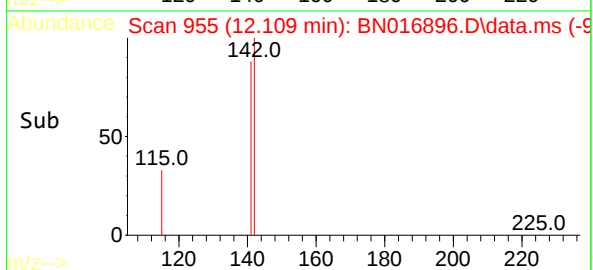
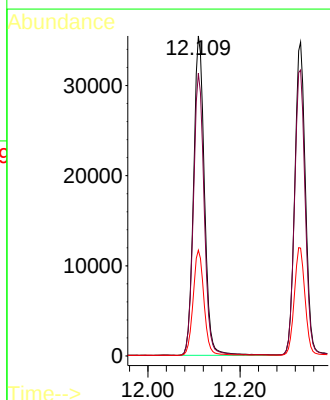
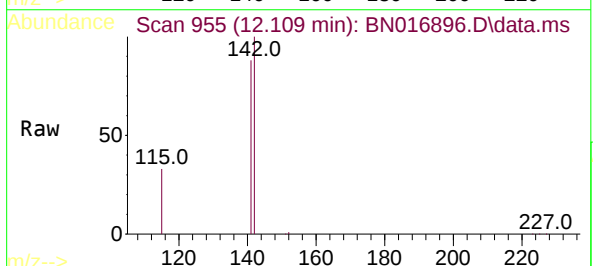
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

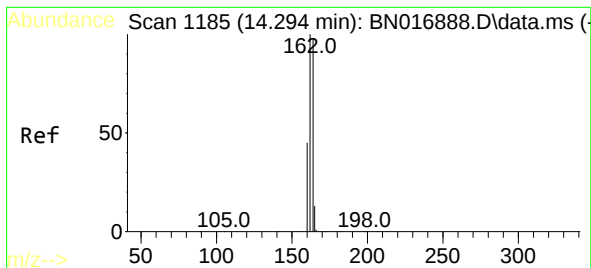
Tgt Ion:152 Resp: 48465  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.3 24.5



#12  
2-Methylnaphthalene  
Concen: 0.387 ng  
RT: 12.109 min Scan# 955  
Delta R.T. -0.004 min  
Lab File: BN016896.D  
Acq: 12 Oct 2021 10:32

Tgt Ion:142 Resp: 58158  
Ion Ratio Lower Upper  
142 100  
141 88.4 71.0 106.4  
115 33.1 26.6 40.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.294 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

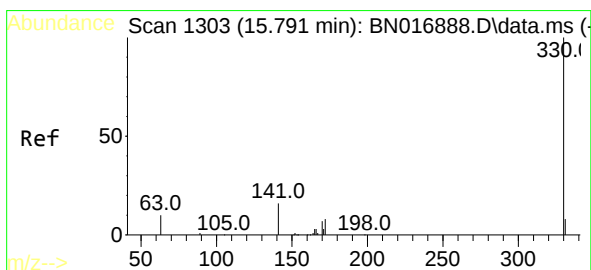
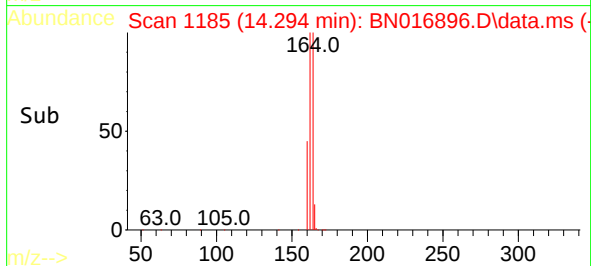
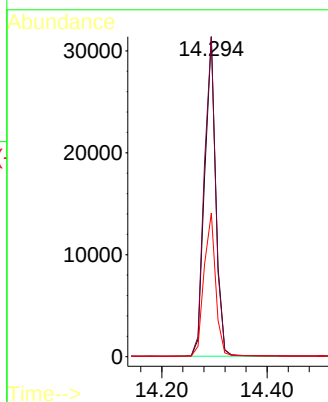
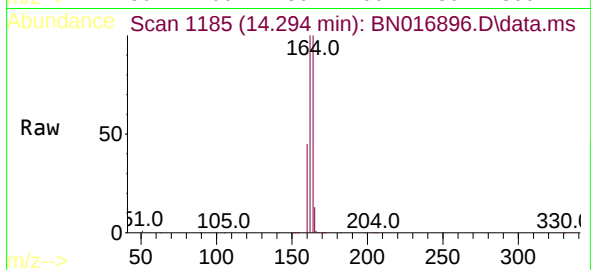
Tgt Ion:164 Resp: 45971

Ion Ratio Lower Upper

164 100

162 99.9 81.8 122.8

160 44.9 37.0 55.4



#14

2,4,6-Tribromophenol

Concen: 0.286 ng

RT: 15.791 min Scan# 1303

Delta R.T. -0.000 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

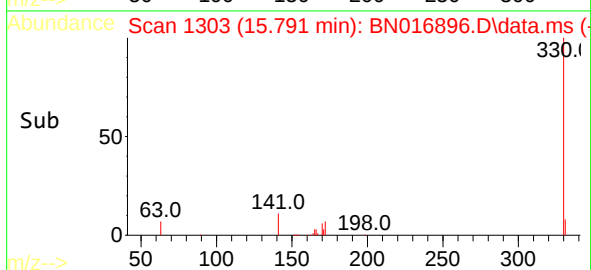
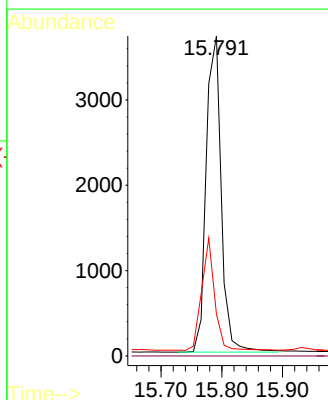
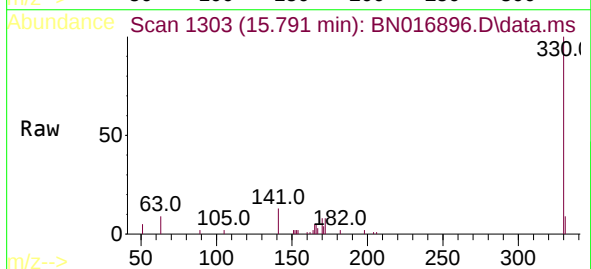
Tgt Ion:330 Resp: 6384

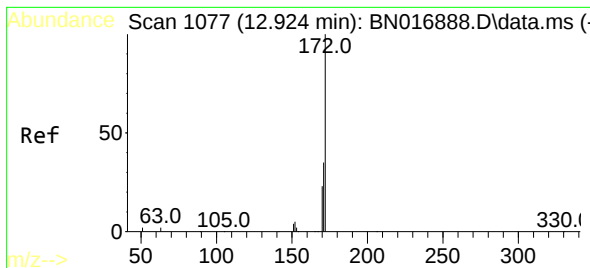
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.5 24.3 36.5

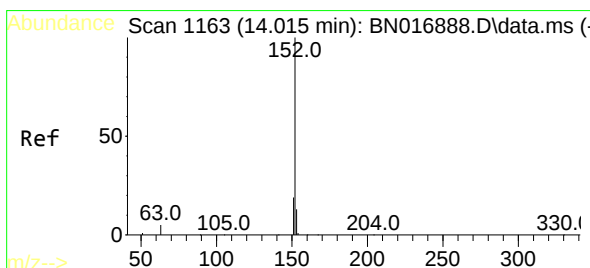
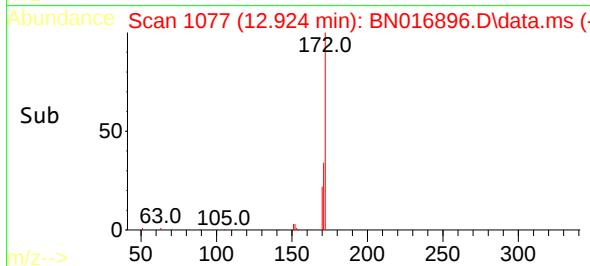
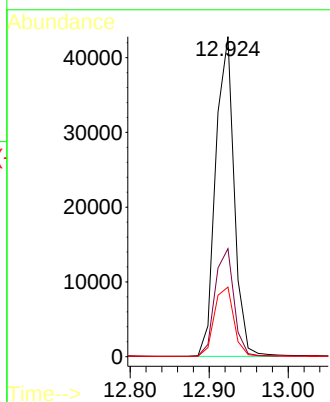
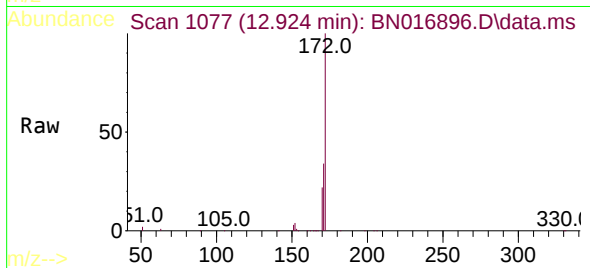




#15  
2-Fluorobiphenyl  
Concen: 0.397 ng  
RT: 12.924 min Scan# 1077  
Delta R.T. -0.000 min  
Lab File: BN016896.D  
Acq: 12 Oct 2021 10:32

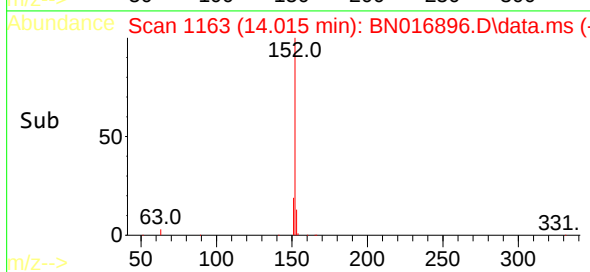
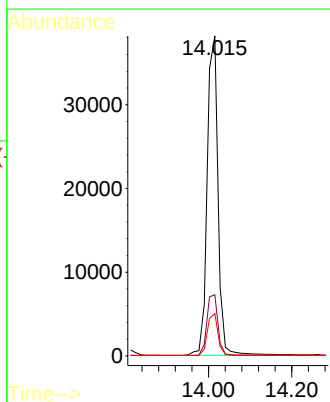
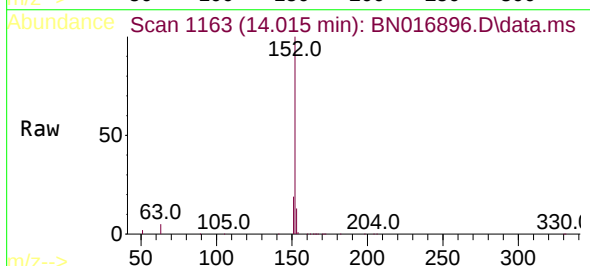
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

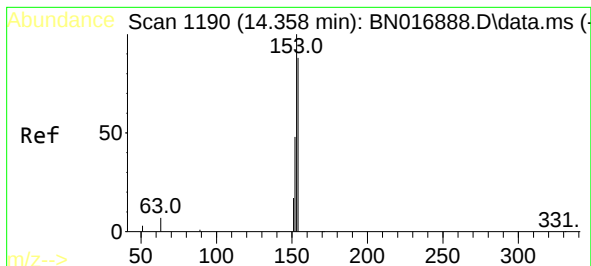
Tgt Ion:172 Resp: 69845  
Ion Ratio Lower Upper  
172 100  
171 33.7 27.7 41.5  
170 21.8 18.3 27.5



#16  
Acenaphthylene  
Concen: 0.353 ng  
RT: 14.015 min Scan# 1163  
Delta R.T. -0.000 min  
Lab File: BN016896.D  
Acq: 12 Oct 2021 10:32

Tgt Ion:152 Resp: 69187  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.5 23.3  
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.382 ng

RT: 14.358 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

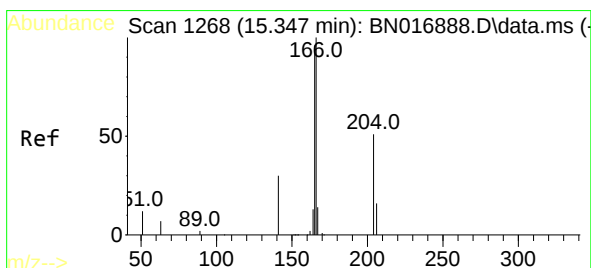
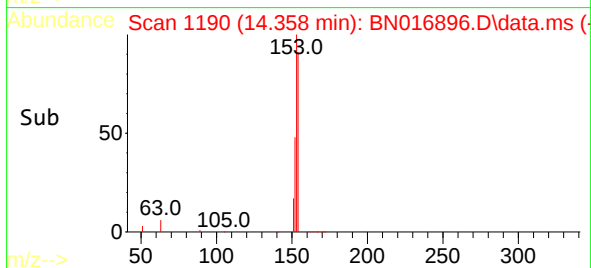
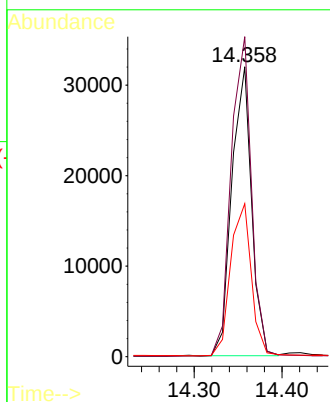
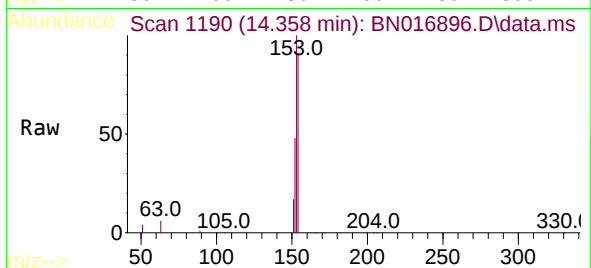
Tgt Ion:154 Resp: 49790

Ion Ratio Lower Upper

154 100

153 114.0 90.6 135.8

152 55.7 43.7 65.5



#18

Fluorene

Concen: 0.379 ng

RT: 15.347 min Scan# 1268

Delta R.T. -0.000 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

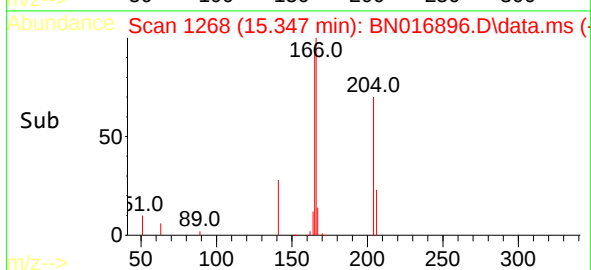
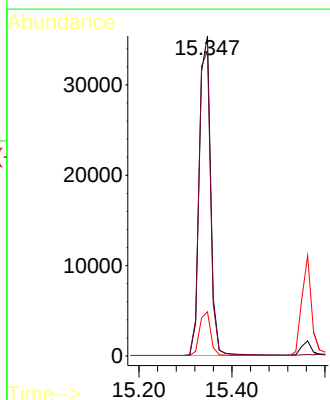
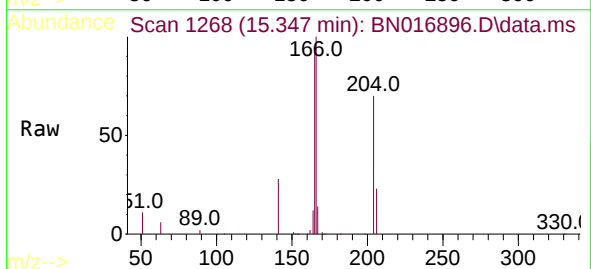
Tgt Ion:166 Resp: 59621

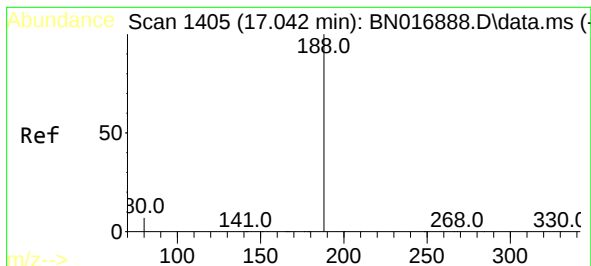
Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.2

167 13.5 10.8 16.2

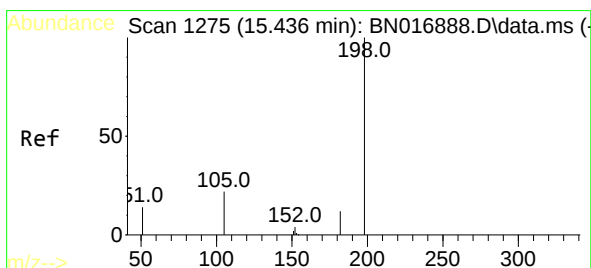
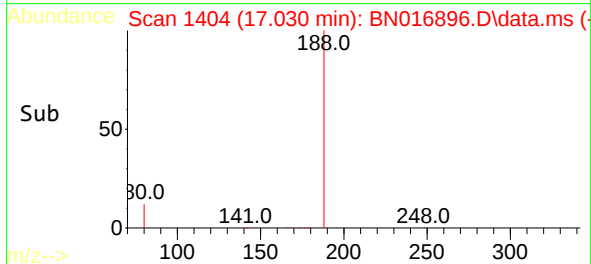
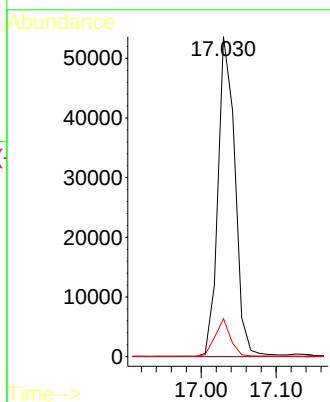
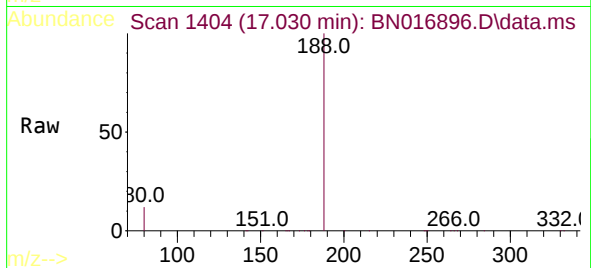




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.030 min Scan# 1404  
Delta R.T. -0.012 min  
Lab File: BN016896.D  
Acq: 12 Oct 2021 10:32

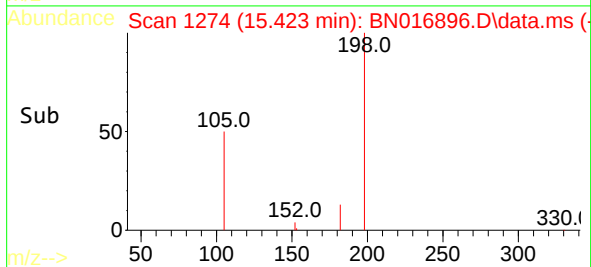
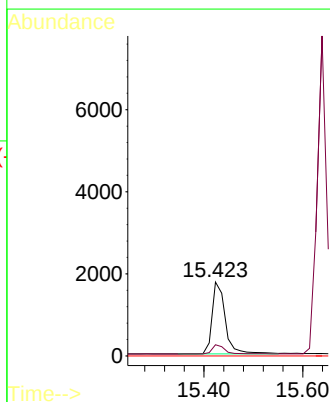
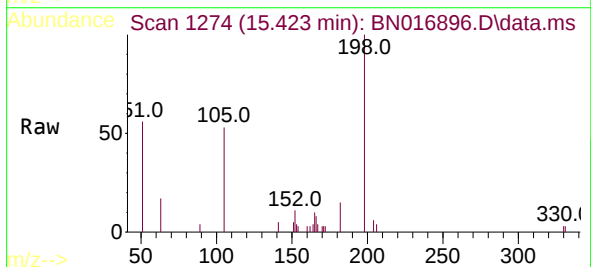
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

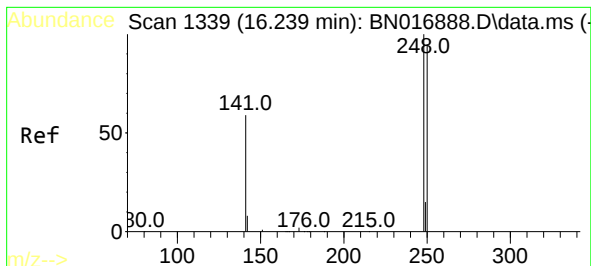
Tgt Ion:188 Resp: 84478  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.8 5.4 8.2#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.350 ng  
RT: 15.423 min Scan# 1274  
Delta R.T. -0.013 min  
Lab File: BN016896.D  
Acq: 12 Oct 2021 10:32

Tgt Ion:198 Resp: 3237  
Ion Ratio Lower Upper  
198 100  
182 15.1 11.1 16.7  
77 0.0 0.0 0.0

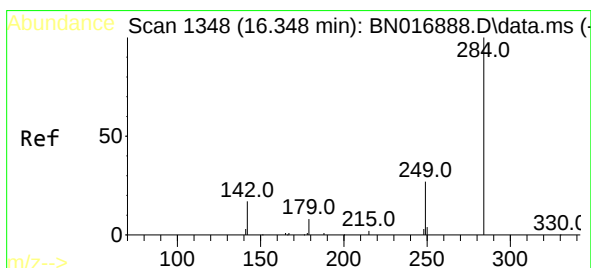
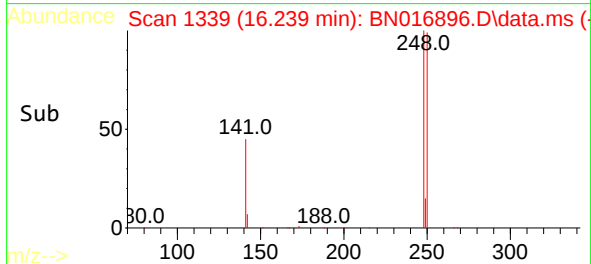
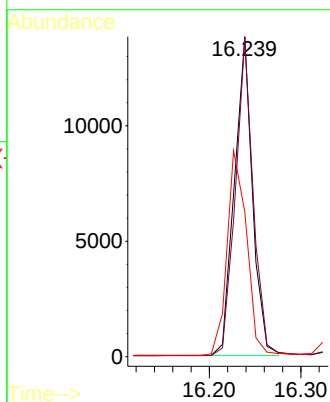
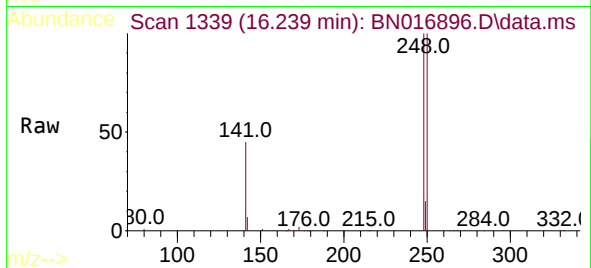




#21  
4-Bromophenyl-phenylether  
Concen: 0.373 ng  
RT: 16.239 min Scan# 1339  
Delta R.T. -0.000 min  
Lab File: BN016896.D  
Acq: 12 Oct 2021 10:32

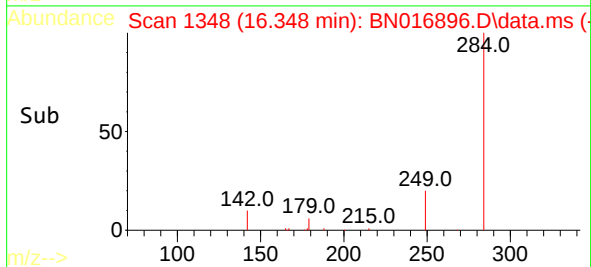
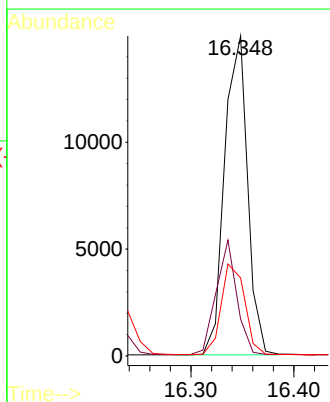
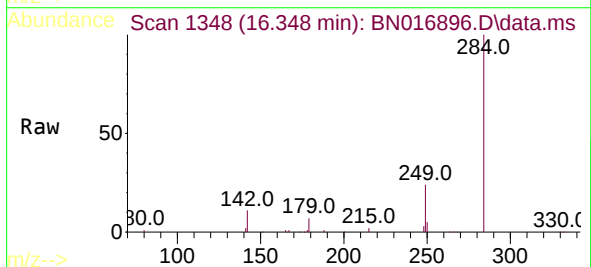
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

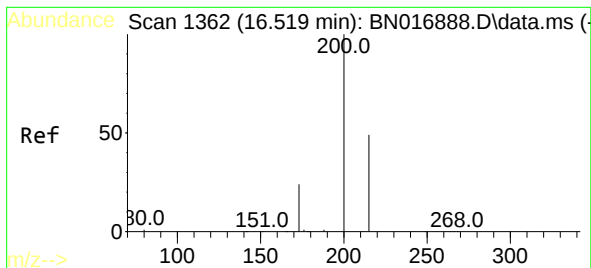
Tgt Ion:248 Resp: 18887  
Ion Ratio Lower Upper  
248 100  
250 99.5 75.8 113.6  
141 45.4 47.4 71.2#



#22  
Hexachlorobenzene  
Concen: 0.400 ng  
RT: 16.348 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: BN016896.D  
Acq: 12 Oct 2021 10:32

Tgt Ion:284 Resp: 23078  
Ion Ratio Lower Upper  
284 100  
142 32.2 25.1 37.7  
249 29.0 23.0 34.4





#23

Atrazine

Concen: 0.297 ng

RT: 16.519 min Scan# 1362

Delta R.T. -0.000 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

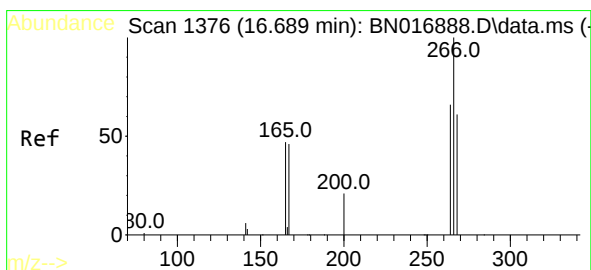
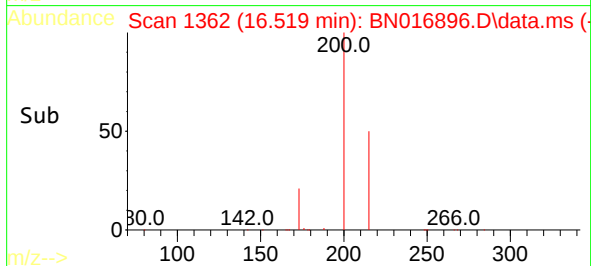
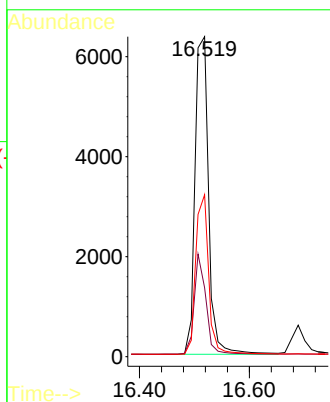
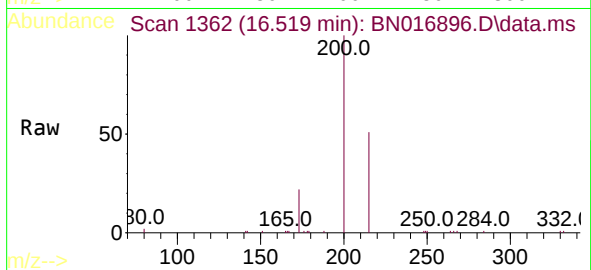
Tgt Ion:200 Resp: 10955

Ion Ratio Lower Upper

200 100

173 21.6 19.7 29.5

215 50.6 39.5 59.3



#24

Pentachlorophenol

Concen: 0.347 ng

RT: 16.689 min Scan# 1376

Delta R.T. -0.000 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

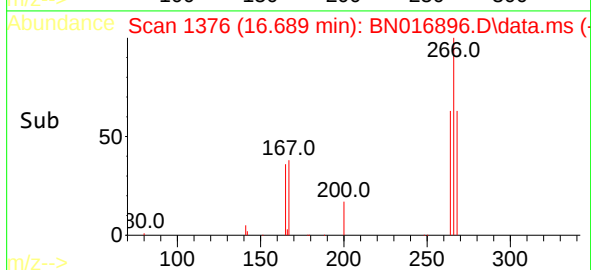
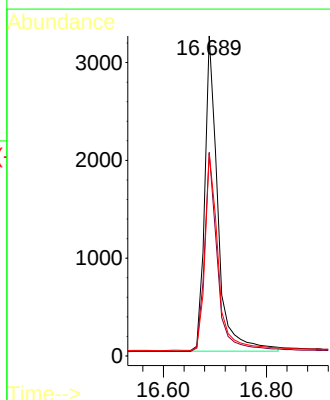
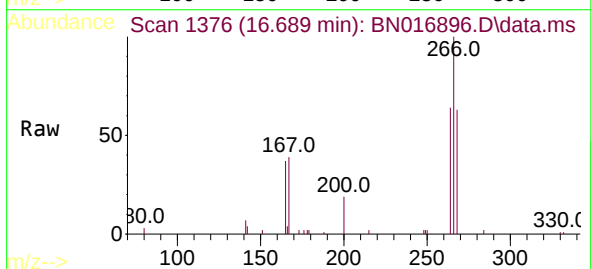
Tgt Ion:266 Resp: 5697

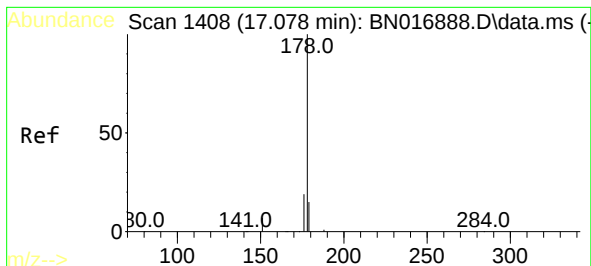
Ion Ratio Lower Upper

266 100

264 62.5 50.6 76.0

268 63.9 51.3 76.9





#25

Phenanthrene

Concen: 0.394 ng

RT: 17.078 min Scan# 1408

Delta R.T. -0.000 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

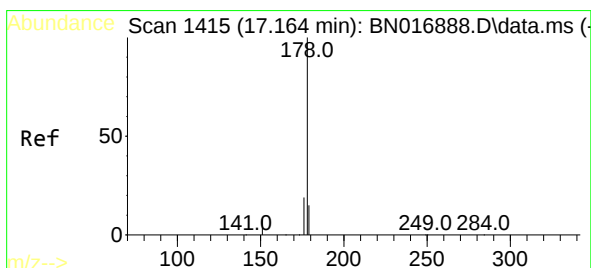
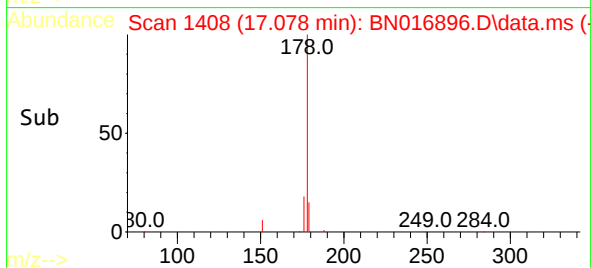
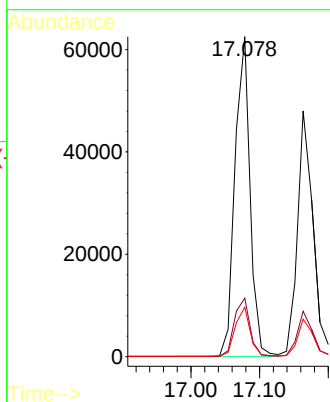
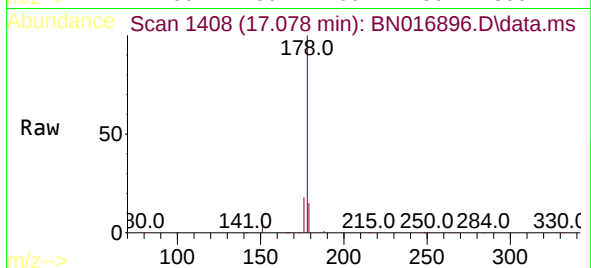
Tgt Ion:178 Resp: 95521

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.4 12.3 18.5



#26

Anthracene

Concen: 0.356 ng

RT: 17.164 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

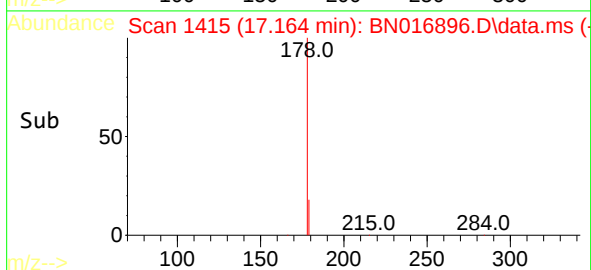
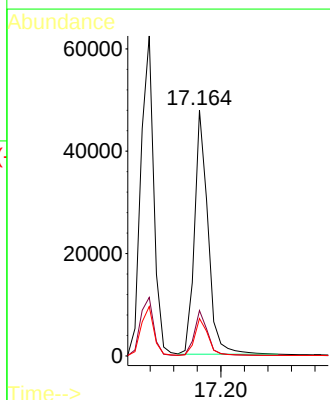
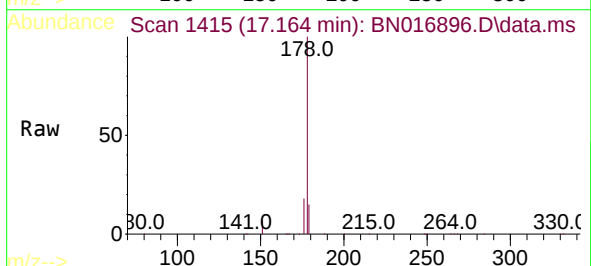
Tgt Ion:178 Resp: 75893

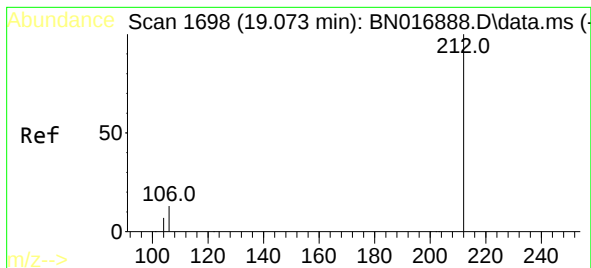
Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

179 15.3 12.2 18.4





#27

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.068 min Scan# 1

Delta R.T. -0.005 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

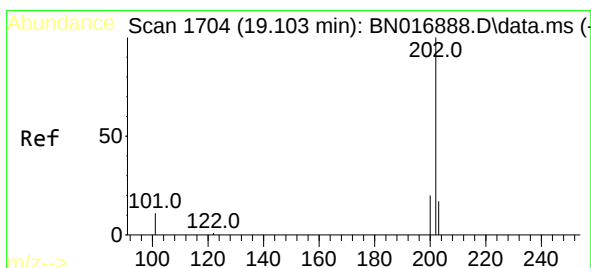
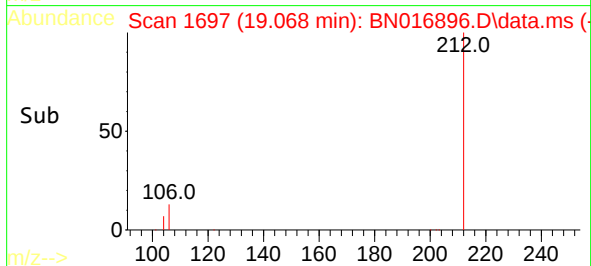
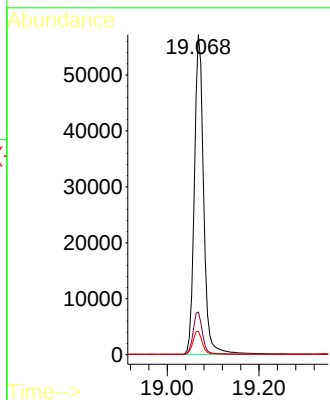
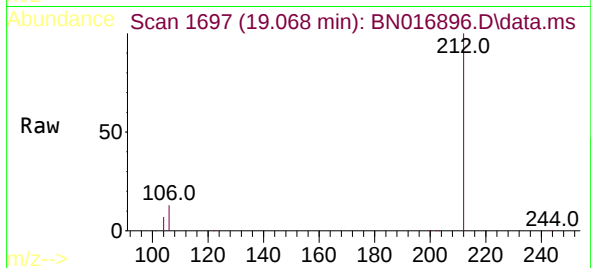
Tgt Ion:212 Resp: 80208

Ion Ratio Lower Upper

212 100

106 13.5 10.8 16.2

104 7.4 5.9 8.9



#28

Fluoranthene

Concen: 0.390 ng

RT: 19.098 min Scan# 1703

Delta R.T. -0.005 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

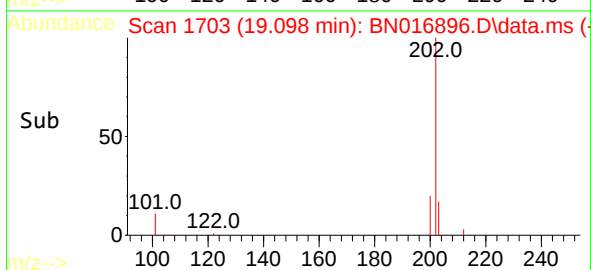
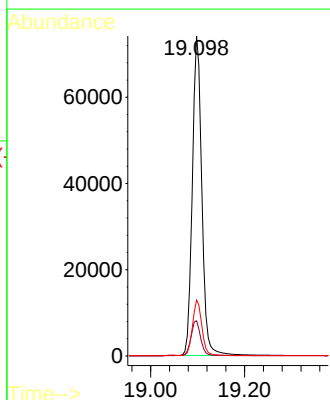
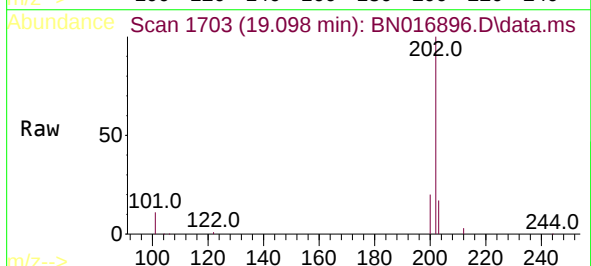
Tgt Ion:202 Resp: 104035

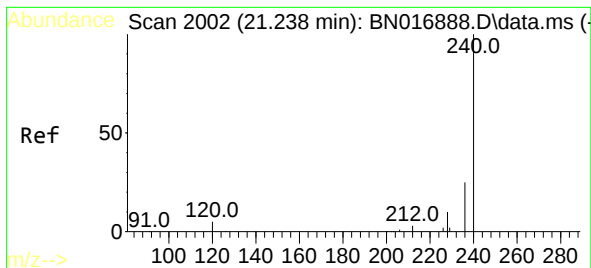
Ion Ratio Lower Upper

202 100

101 11.3 9.0 13.6

203 17.3 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.227 min Scan# 2001

Delta R.T. -0.011 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

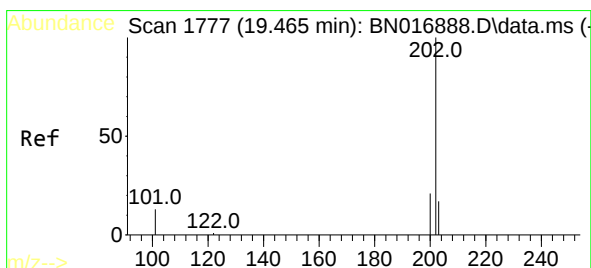
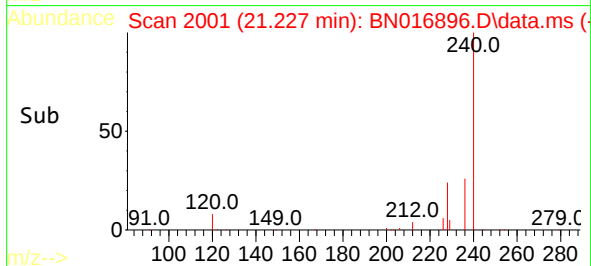
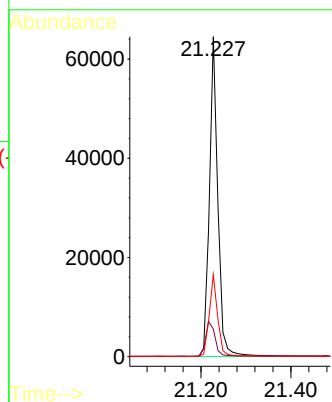
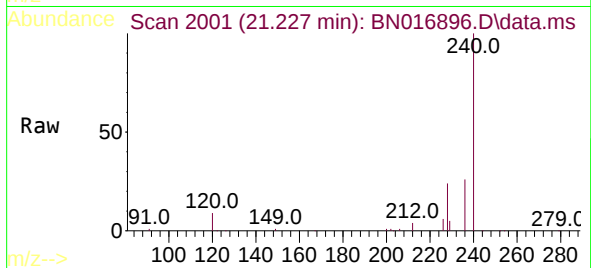
Tgt Ion:240 Resp: 83451

Ion Ratio Lower Upper

240 100

120 8.6 4.1 6.1#

236 25.6 20.1 30.1



#30

Pyrene

Concen: 0.375 ng

RT: 19.460 min Scan# 1776

Delta R.T. -0.005 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

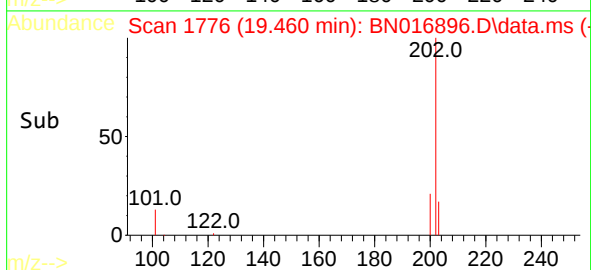
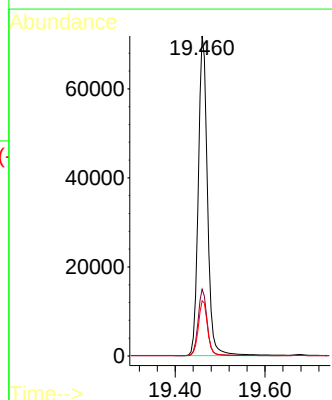
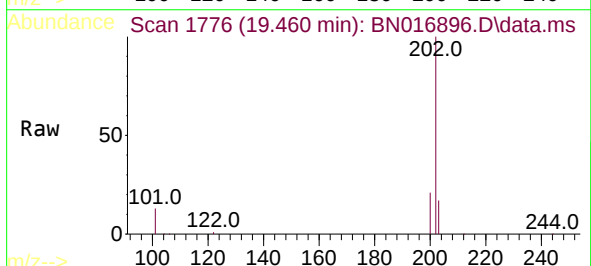
Tgt Ion:202 Resp: 102579

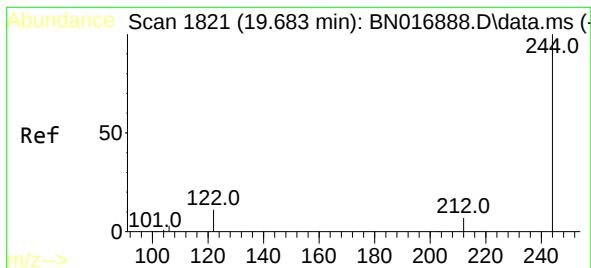
Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

203 17.5 14.0 21.0





#31

Terphenyl-d14

Concen: 0.376 ng

RT: 19.678 min Scan# 1

Delta R.T. -0.005 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

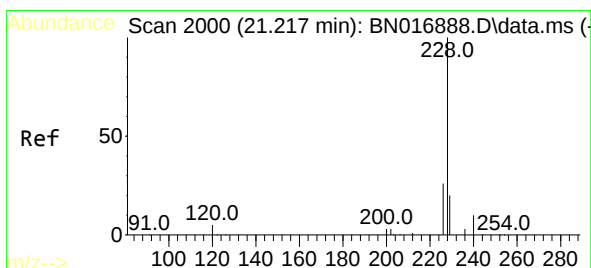
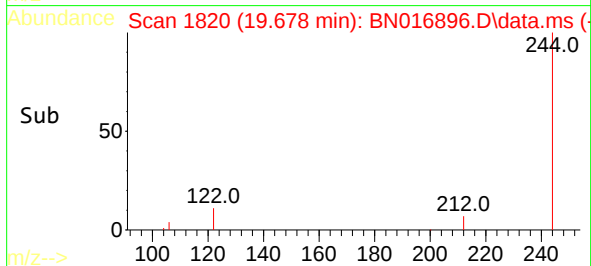
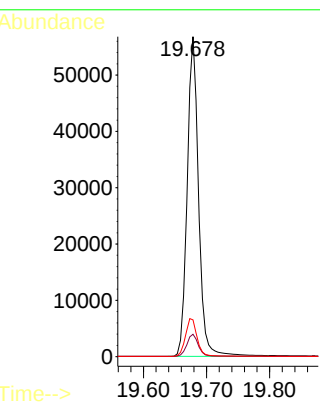
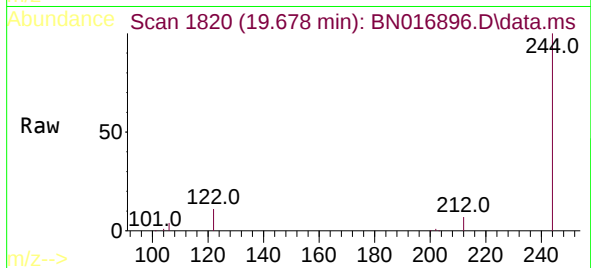
Tgt Ion:244 Resp: 71352

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.5 8.6 13.0



#32

Benzo(a)anthracene

Concen: 0.350 ng

RT: 21.217 min Scan# 2000

Delta R.T. -0.000 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

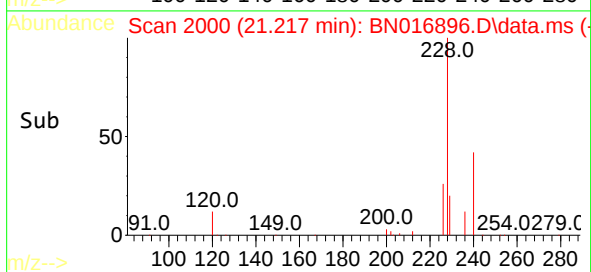
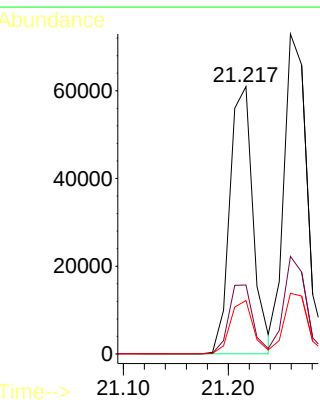
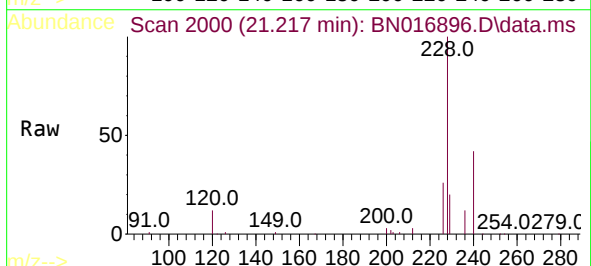
Tgt Ion:228 Resp: 93559

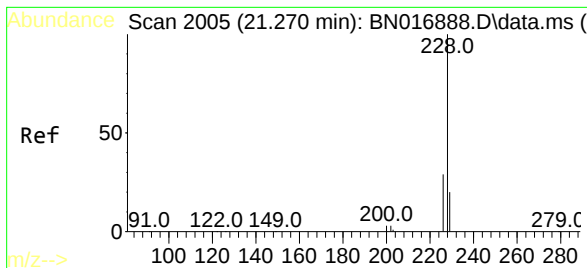
Ion Ratio Lower Upper

228 100

226 25.8 21.2 31.8

229 20.0 15.8 23.6





#33

Chrysene

Concen: 0.403 ng

RT: 21.259 min Scan# 2004

Delta R.T. -0.011 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

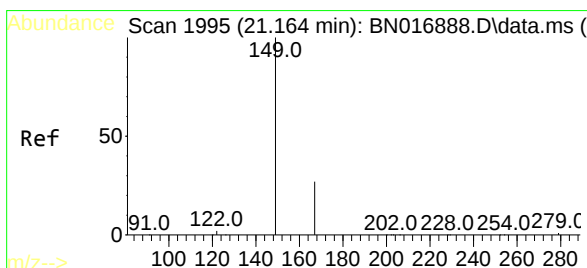
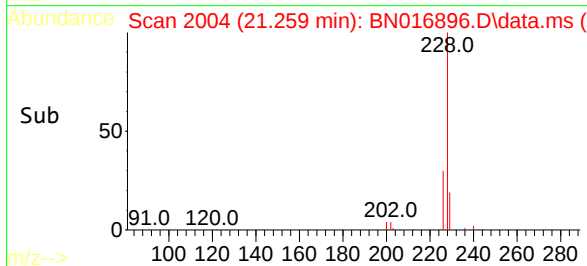
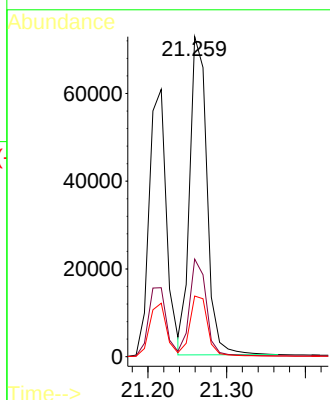
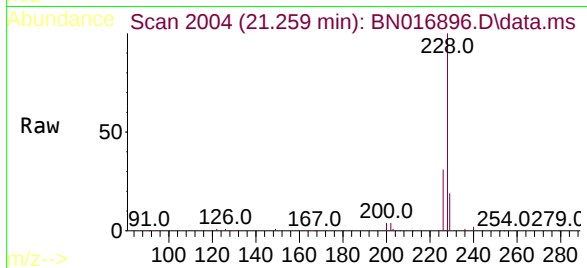
Tgt Ion:228 Resp: 110401

Ion Ratio Lower Upper

228 100

226 30.5 23.3 34.9

229 18.9 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.211 ng

RT: 21.164 min Scan# 1995

Delta R.T. -0.000 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

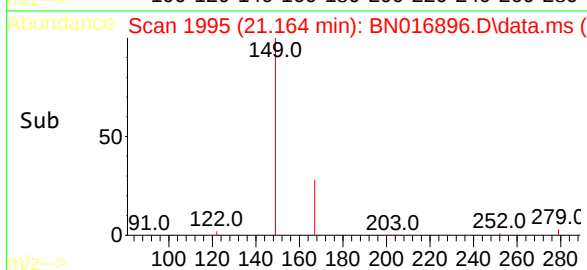
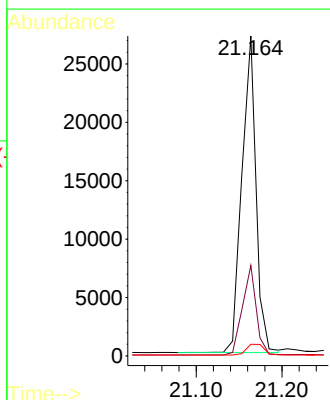
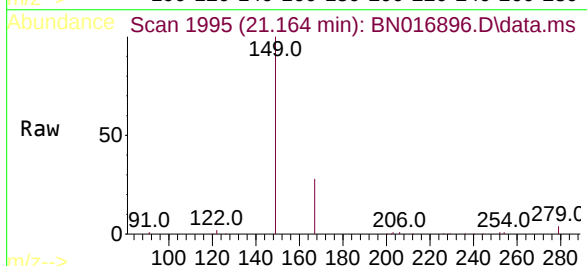
Tgt Ion:149 Resp: 30949

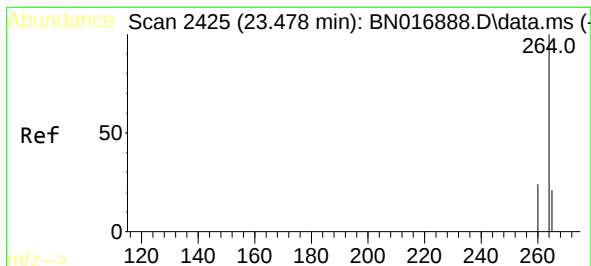
Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.2

279 4.3 3.5 5.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.471 min Scan# 24

Delta R.T. -0.007 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

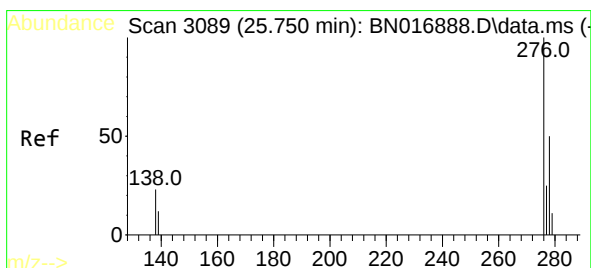
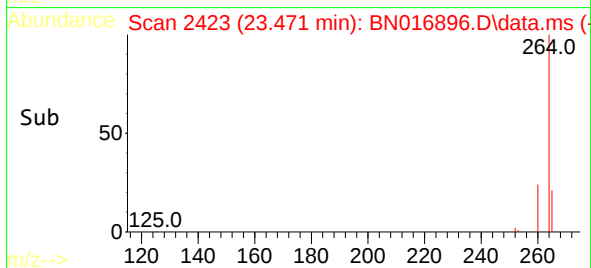
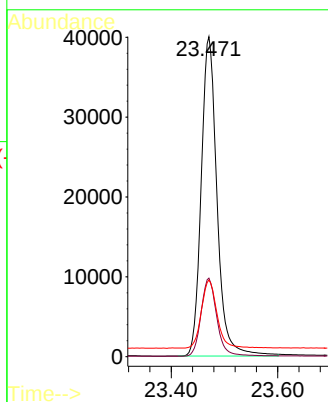
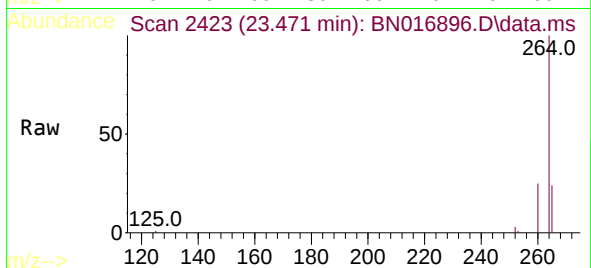
Tgt Ion:264 Resp: 82591

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 23.9 19.2 28.8



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.385 ng

RT: 25.740 min Scan# 3086

Delta R.T. -0.010 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

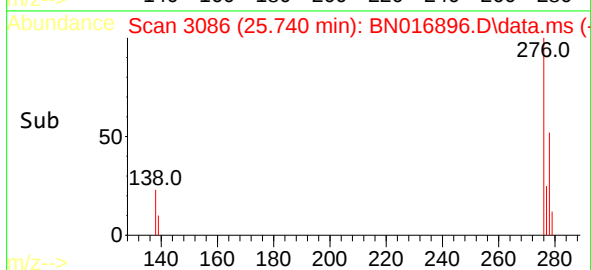
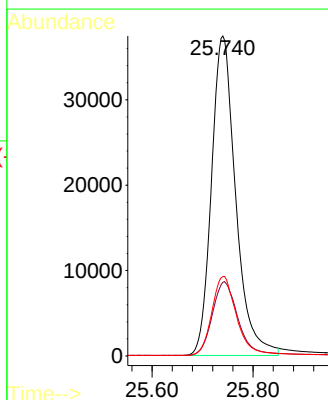
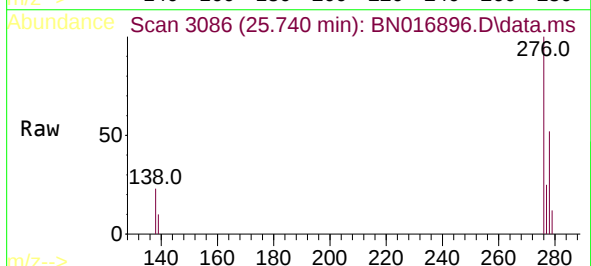
Tgt Ion:276 Resp: 124638

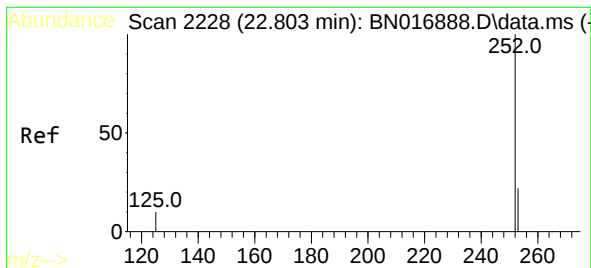
Ion Ratio Lower Upper

276 100

138 24.3 20.1 30.1

277 25.1 20.1 30.1





#37

Benzo(b)fluoranthene

Concen: 0.383 ng

RT: 22.796 min Scan# 21

Delta R.T. -0.007 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

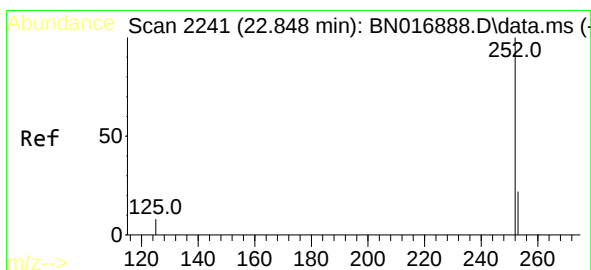
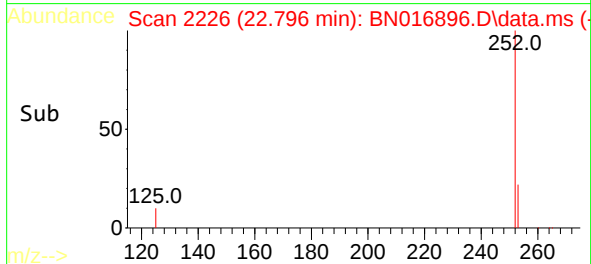
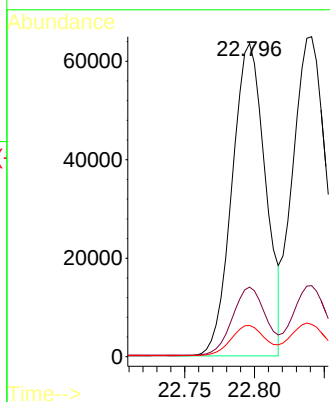
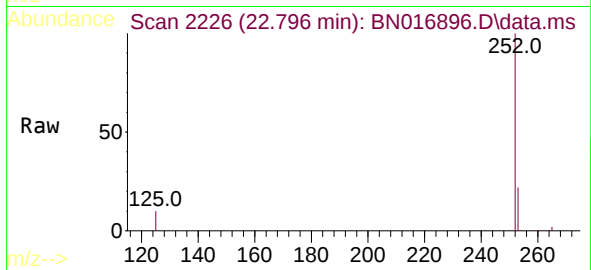
Tgt Ion:252 Resp: 105663

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.0 8.1 12.1



#38

Benzo(k)fluoranthene

Concen: 0.400 ng

RT: 22.841 min Scan# 2239

Delta R.T. -0.007 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

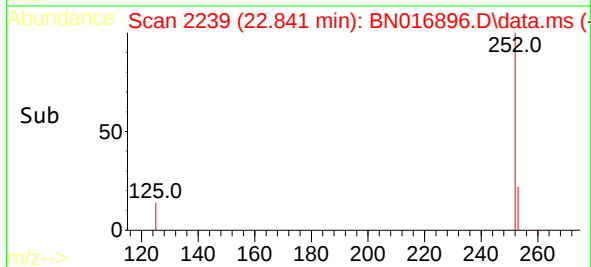
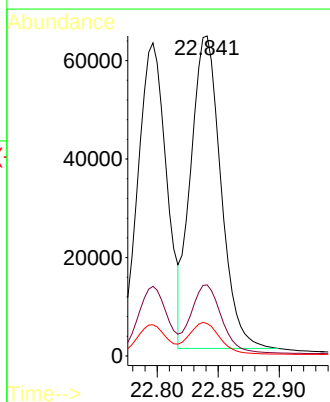
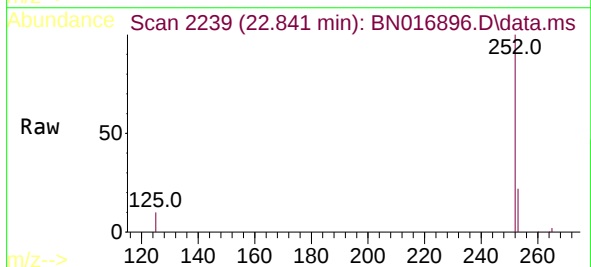
Tgt Ion:252 Resp: 109143

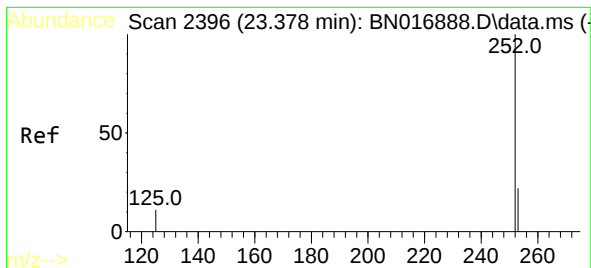
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 10.1 9.0 13.6





#39

Benzo(a)pyrene

Concen: 0.371 ng

RT: 23.368 min Scan# 21

Delta R.T. -0.010 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

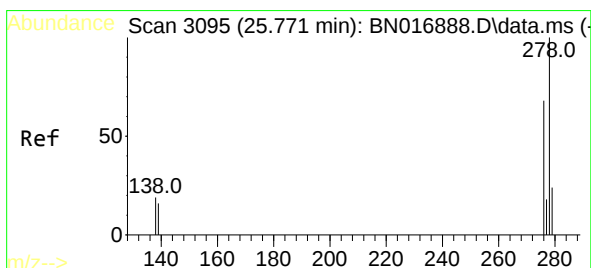
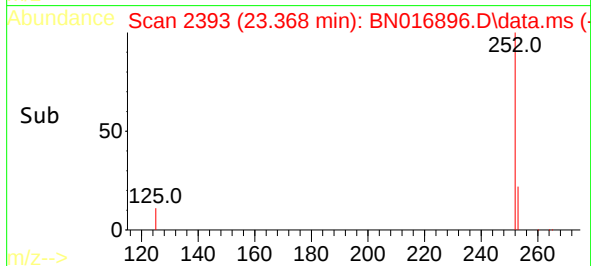
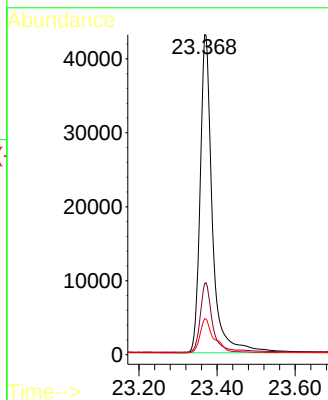
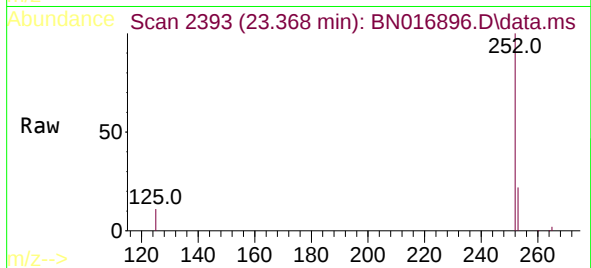
Tgt Ion:252 Resp: 93207

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 11.3 9.0 13.6



#40

Dibenzo(a,h)anthracene

Concen: 0.386 ng

RT: 25.761 min Scan# 3092

Delta R.T. -0.010 min

Lab File: BN016896.D

Acq: 12 Oct 2021 10:32

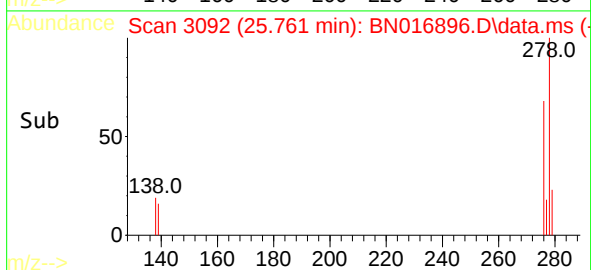
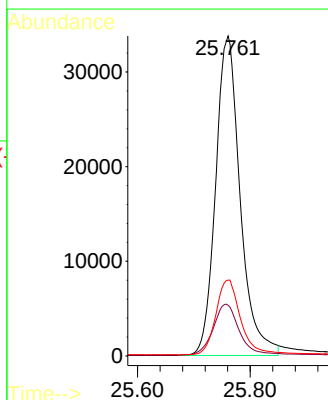
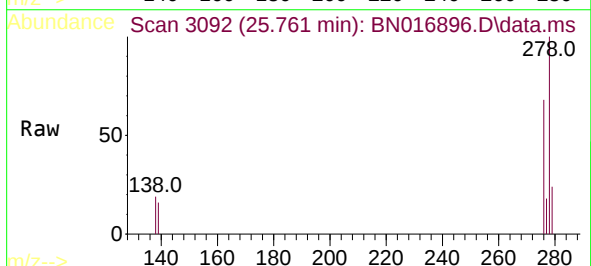
Tgt Ion:278 Resp: 102080

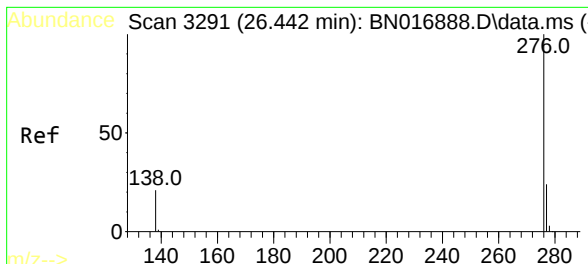
Ion Ratio Lower Upper

278 100

139 15.9 13.4 20.0

279 23.7 19.2 28.8





#41

Benzo(g,h,i)perylene

Concen: 0.392 ng

RT: 26.432 min Scan# 31

Delta R.T. -0.010 min

Lab File: BN016896.D

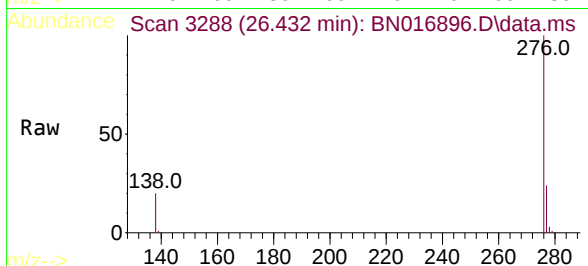
Acq: 12 Oct 2021 10:32

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



Tgt Ion:276 Resp: 109244

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 20.4 16.7 25.1

