

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120924\  
 Data File : BN035500.D  
 Acq On : 09 Dec 2024 11:04  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

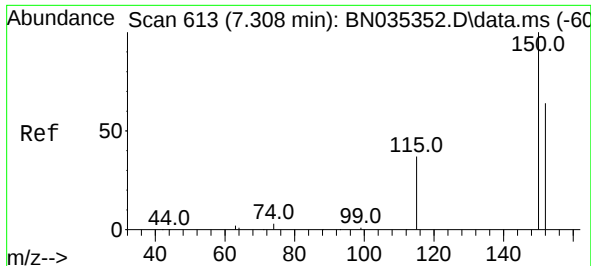
Quant Time: Dec 09 11:42:16 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 27 23:03:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.301  | 152  | 2421     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.041 | 136  | 6510     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 13.957 | 164  | 4763     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.723 | 188  | 10464    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 20.965 | 240  | 8413     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.062 | 264  | 7482     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.953  | 112  | 2250     | 0.371 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.499  | 99   | 2759     | 0.379 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.429  | 82   | 1783     | 0.448 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.646 | 152  | 4091     | 0.402 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.475 | 330  | 1119     | 0.331 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.564 | 172  | 7140     | 0.397 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 18.775 | 212  | 10317    | 0.348 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.407 | 244  | 7172     | 0.432 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.996  | 88   | 993      | 0.429 | ng    | 95       |
| 3) n-Nitrosodimethylamine     | 3.292  | 42   | 748      | 0.388 | ng    | # 97     |
| 6) bis(2-Chloroethyl)ether    | 6.744  | 93   | 2370     | 0.387 | ng    | 99       |
| 9) Naphthalene                | 10.095 | 128  | 6663     | 0.388 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.383 | 225  | 1628     | 0.411 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 11.722 | 142  | 4907     | 0.399 | ng    | 98       |
| 16) Acenaphthylene            | 13.668 | 152  | 7448     | 0.372 | ng    | 100      |
| 17) Acenaphthene              | 14.021 | 154  | 5275     | 0.397 | ng    | 97       |
| 18) Fluorene                  | 15.015 | 166  | 7212     | 0.379 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.122 | 198  | 396      | 0.385 | ng    | # 80     |
| 21) 4-Bromophenyl-phenylether | 15.929 | 248  | 2560     | 0.418 | ng    | # 88     |
| 22) Hexachlorobenzene         | 16.028 | 284  | 3179     | 0.442 | ng    | 99       |
| 23) Atrazine                  | 16.227 | 200  | 1479     | 0.339 | ng    | 95       |
| 24) Pentachlorophenol         | 16.388 | 266  | 1009     | 0.323 | ng    | # 86     |
| 25) Phenanthrene              | 16.760 | 178  | 11166    | 0.388 | ng    | 99       |
| 26) Anthracene                | 16.860 | 178  | 9640     | 0.371 | ng    | 99       |
| 28) Fluoranthene              | 18.808 | 202  | 13456    | 0.347 | ng    | 99       |
| 30) Pyrene                    | 19.175 | 202  | 13529    | 0.436 | ng    | 99       |
| 32) Benzo(a)anthracene        | 20.947 | 228  | 10376    | 0.353 | ng    | 99       |
| 33) Chrysene                  | 21.001 | 228  | 12185    | 0.402 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 20.920 | 149  | 4269     | 0.367 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.102 | 276  | 9992     | 0.342 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 22.448 | 252  | 16488    | 0.602 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.489 | 252  | 11180    | 0.415 | ng    | 98       |
| 39) Benzo(a)pyrene            | 22.968 | 252  | 8364     | 0.371 | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 25.117 | 278  | 7212     | 0.312 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 25.713 | 276  | 8910     | 0.369 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

Quant Time: Dec 09 11:42:16 2024  
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QLast Update : Wed Nov 27 23:03:24 2024  
Response via : Initial Calibration

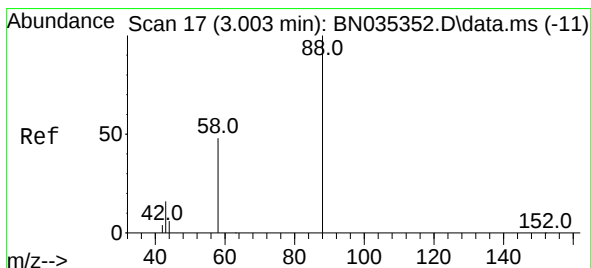
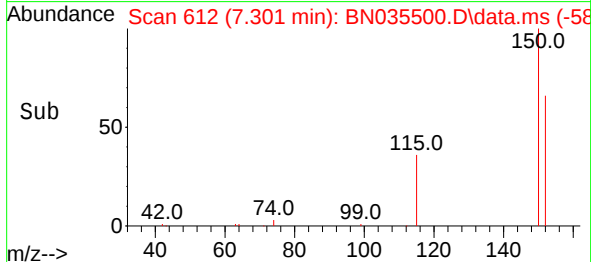
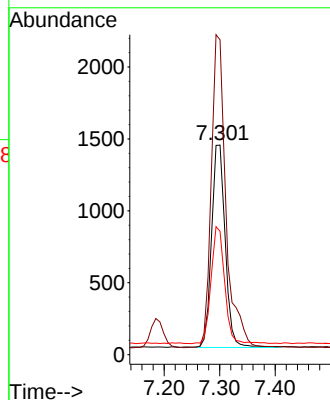
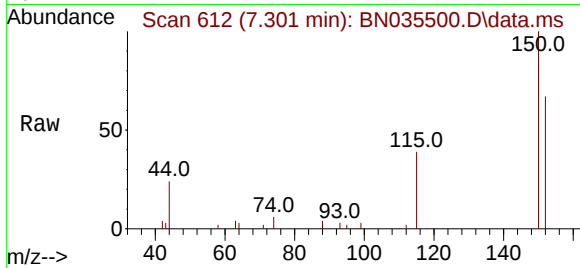




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.301 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN035500.D  
 Acq: 09 Dec 2024 11:04

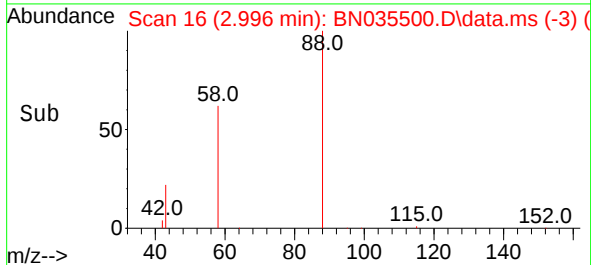
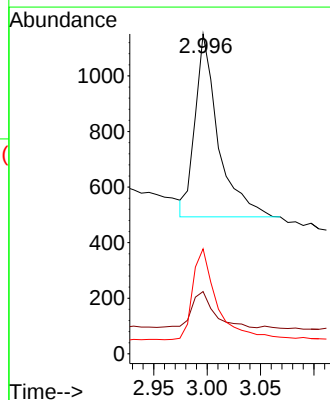
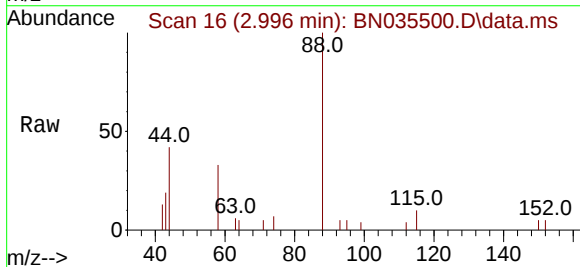
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

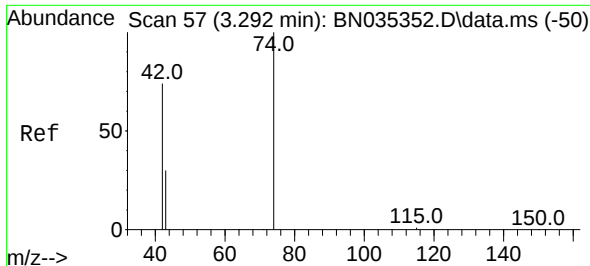
Tgt Ion:152 Resp: 2421  
 Ion Ratio Lower Upper  
 152 100  
 150 150.2 124.0 186.0  
 115 58.9 49.6 74.4



#2  
 1,4-Dioxane  
 Concen: 0.429 ng  
 RT: 2.996 min Scan# 16  
 Delta R.T. -0.007 min  
 Lab File: BN035500.D  
 Acq: 09 Dec 2024 11:04

Tgt Ion: 88 Resp: 993  
 Ion Ratio Lower Upper  
 88 100  
 43 18.8 17.2 25.8  
 58 52.2 44.5 66.7

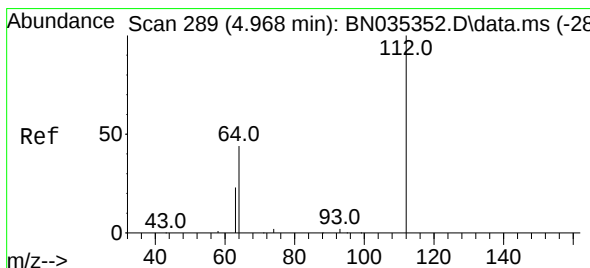
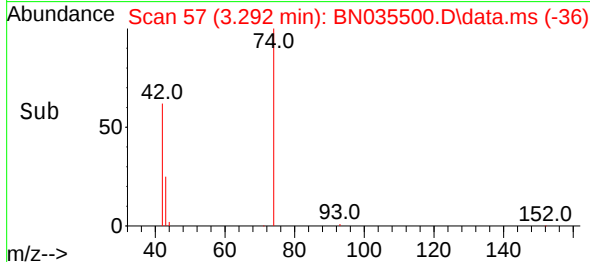
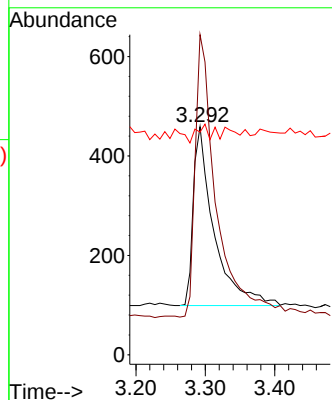
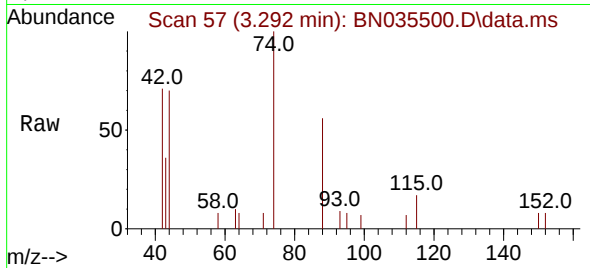




#3  
n-Nitrosodimethylamine  
Concen: 0.388 ng  
RT: 3.292 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

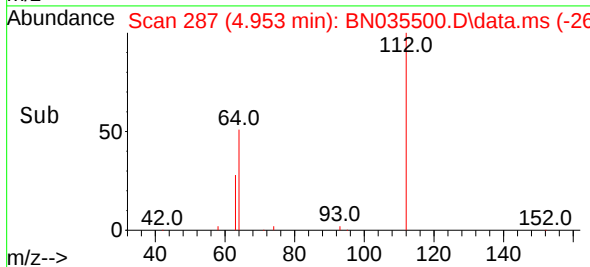
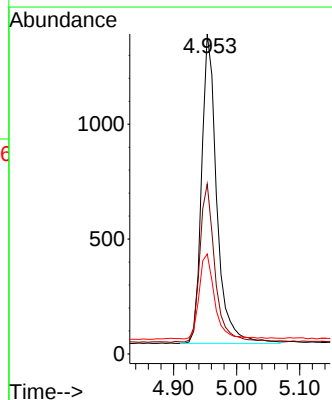
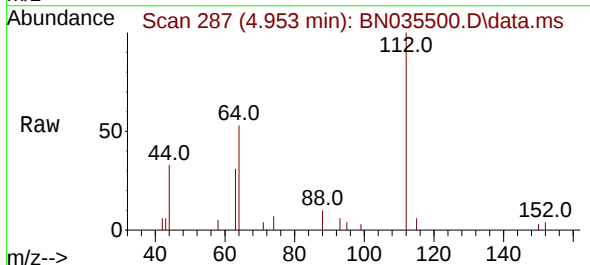
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

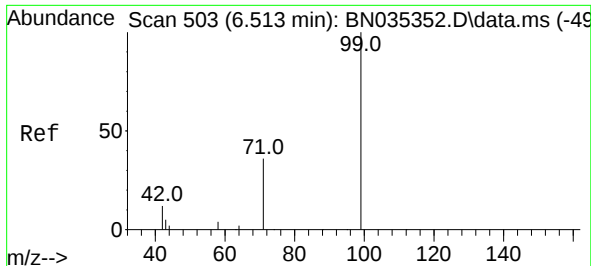
Tgt Ion: 42 Resp: 748  
Ion Ratio Lower Upper  
42 100  
74 160.3 124.9 187.3  
44 5.5 2.2 3.4#



#4  
2-Fluorophenol  
Concen: 0.371 ng  
RT: 4.953 min Scan# 287  
Delta R.T. -0.014 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

Tgt Ion: 112 Resp: 2250  
Ion Ratio Lower Upper  
112 100  
64 51.6 39.8 59.8  
63 28.8 21.0 31.6

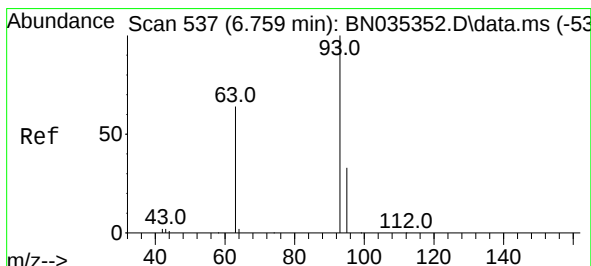
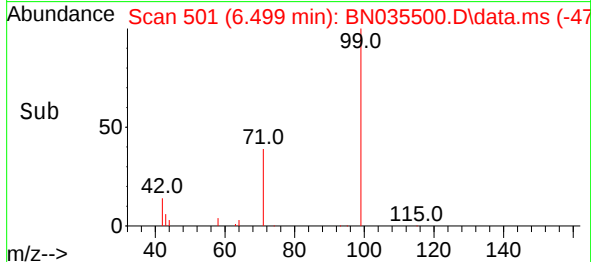
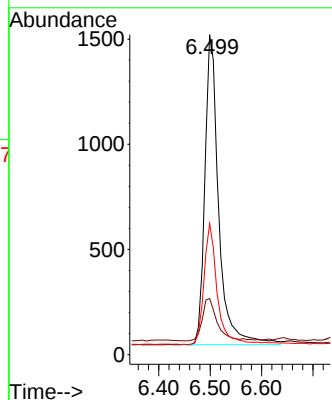
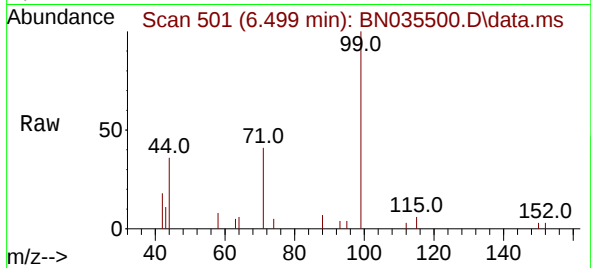




#5  
Phenol-d6  
Concen: 0.379 ng  
RT: 6.499 min Scan# 503  
Delta R.T. -0.014 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

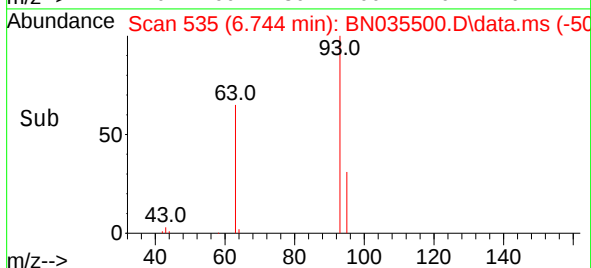
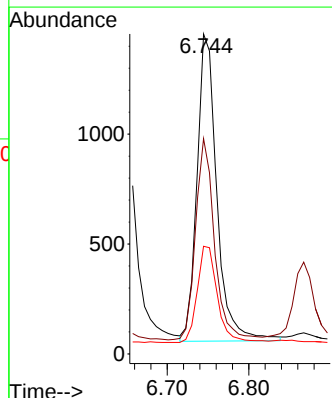
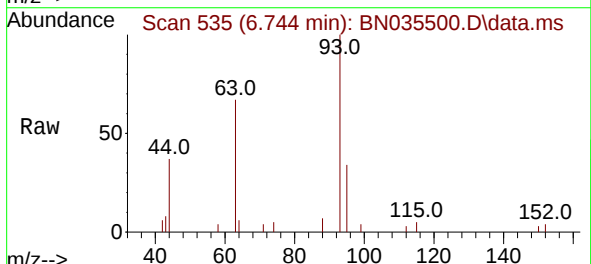
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

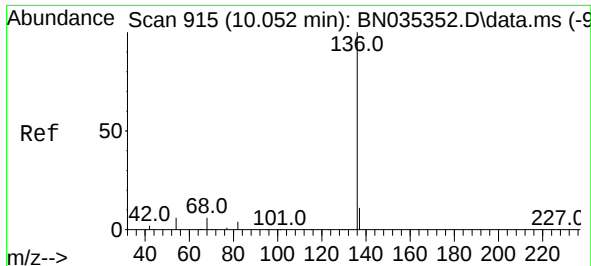
Tgt Ion: 99 Resp: 2759  
Ion Ratio Lower Upper  
99 100  
42 15.2 11.4 17.2  
71 38.3 29.3 43.9



#6  
bis(2-Chloroethyl)ether  
Concen: 0.387 ng  
RT: 6.744 min Scan# 535  
Delta R.T. -0.014 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

Tgt Ion: 93 Resp: 2370  
Ion Ratio Lower Upper  
93 100  
63 62.2 50.4 75.6  
95 31.7 25.7 38.5

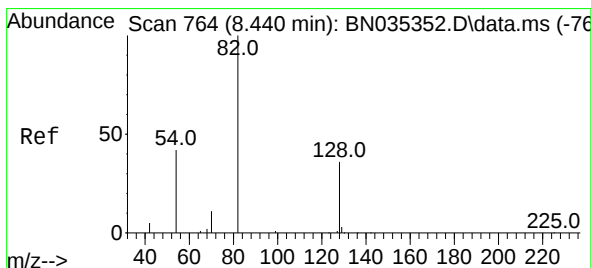
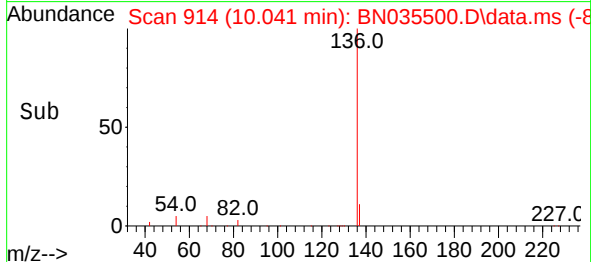
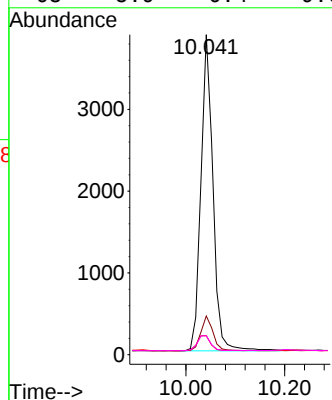
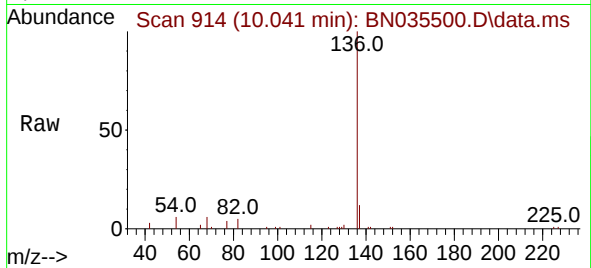




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.041 min Scan# 915  
Delta R.T. -0.011 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

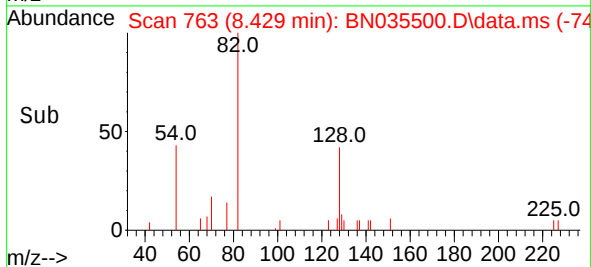
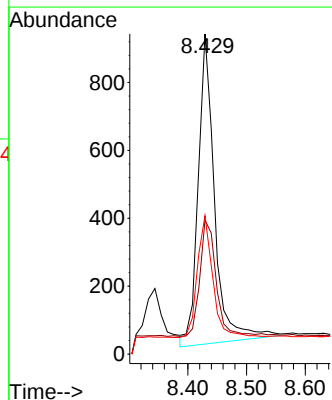
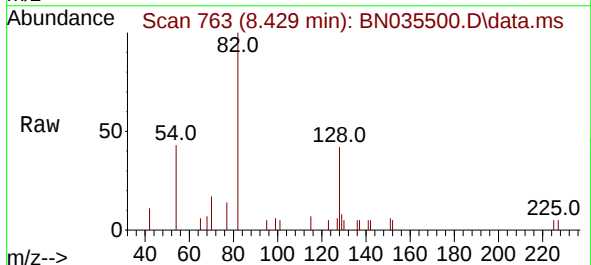
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

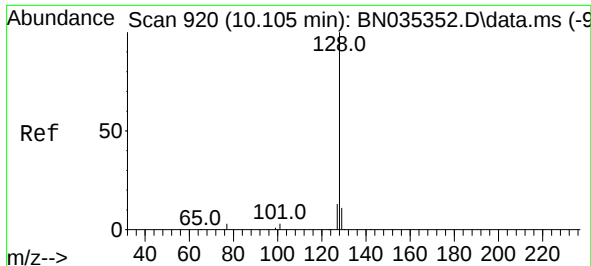
Tgt Ion:136 Resp: 6510  
Ion Ratio Lower Upper  
136 100  
137 12.1 10.2 15.2  
54 6.0 6.1 9.1#  
68 5.9 6.4 9.6#



#8  
Nitrobenzene-d5  
Concen: 0.448 ng  
RT: 8.429 min Scan# 763  
Delta R.T. -0.011 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

Tgt Ion: 82 Resp: 1783  
Ion Ratio Lower Upper  
82 100  
128 41.9 33.4 50.0  
54 43.3 36.7 55.1

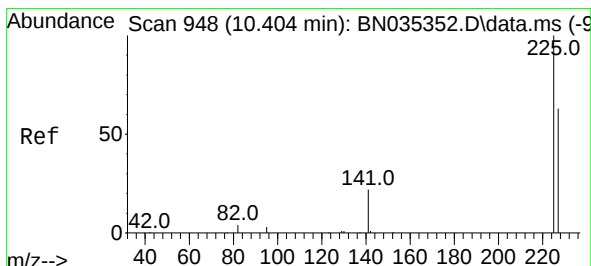
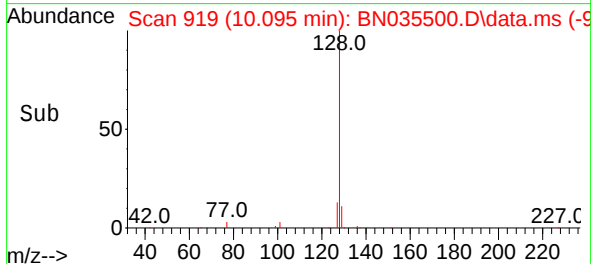
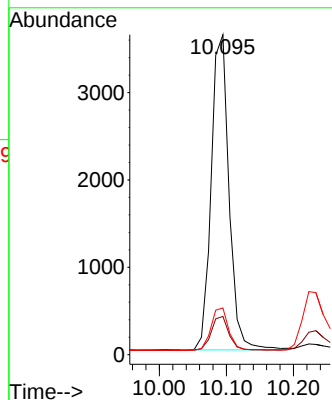
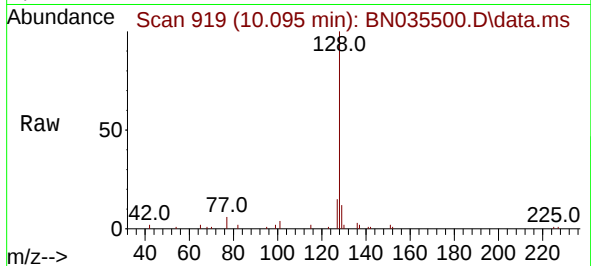




#9  
Naphthalene  
Concen: 0.388 ng  
RT: 10.095 min Scan# 919  
Delta R.T. -0.011 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

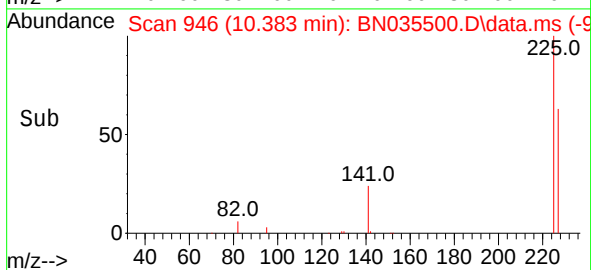
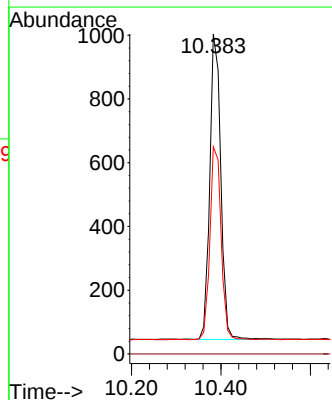
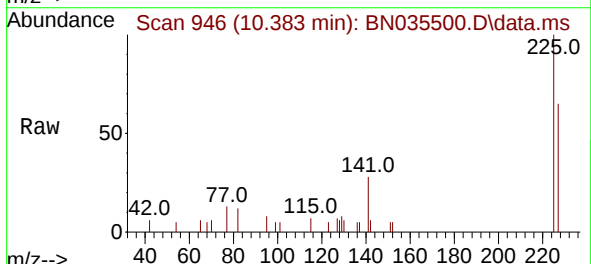
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BNA\_N  
ClientSampleId :  
SSTDCCC0.4

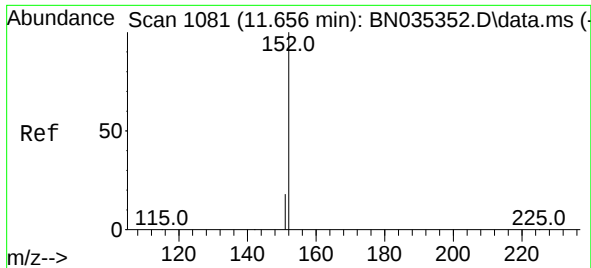
Tgt Ion:128 Resp: 6663  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.8 14.6  
127 14.6 11.4 17.2



#10  
Hexachlorobutadiene  
Concen: 0.411 ng  
RT: 10.383 min Scan# 946  
Delta R.T. -0.021 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

Tgt Ion:225 Resp: 1628  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.3 51.3 76.9

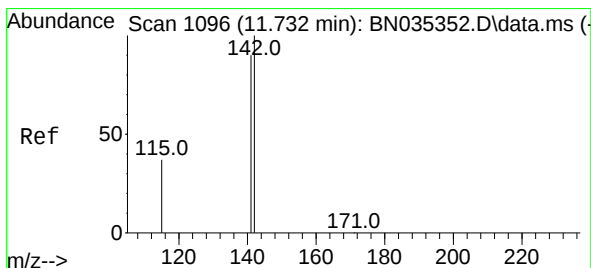
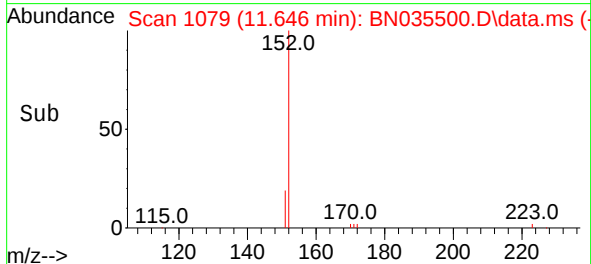
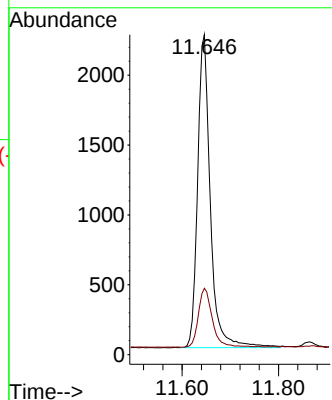
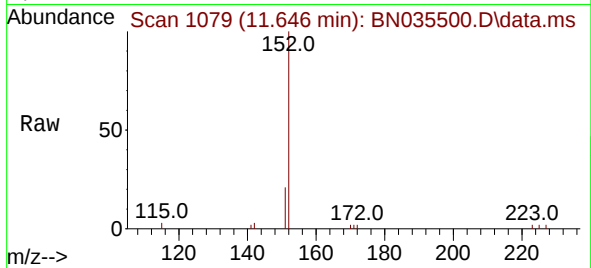




#11  
2-Methylnaphthalene-d10  
Concen: 0.402 ng  
RT: 11.646 min Scan# 1079  
Delta R.T. -0.010 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

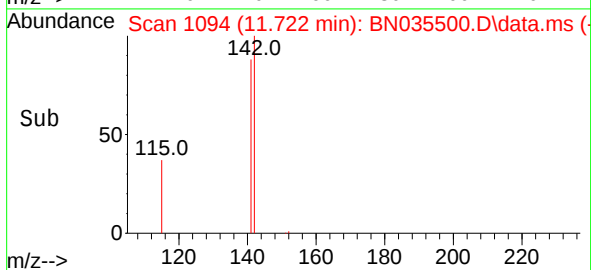
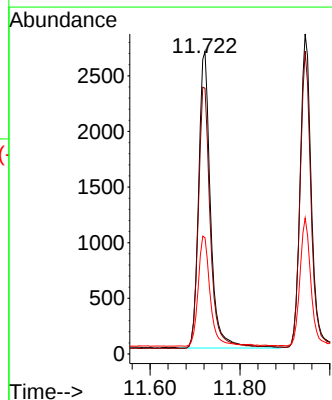
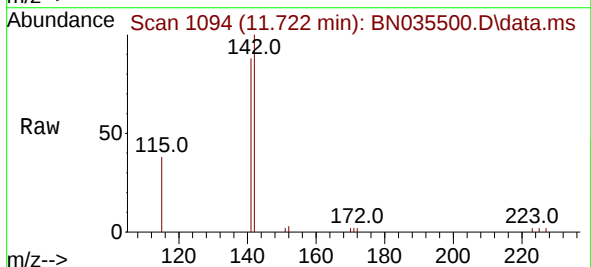
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

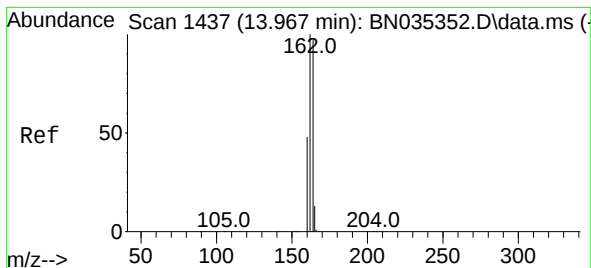
Tgt Ion:152 Resp: 4091  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.6 25.0



#12  
2-Methylnaphthalene  
Concen: 0.399 ng  
RT: 11.722 min Scan# 1094  
Delta R.T. -0.010 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

Tgt Ion:142 Resp: 4907  
Ion Ratio Lower Upper  
142 100  
141 87.8 72.2 108.4  
115 38.5 31.4 47.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.957 min Scan# 1436

Delta R.T. -0.011 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

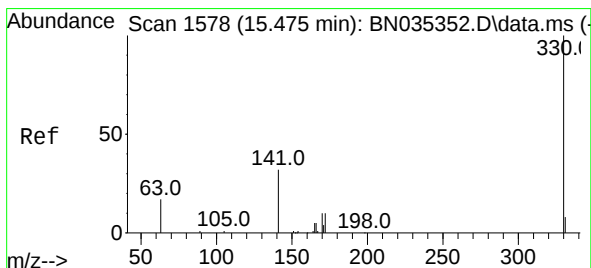
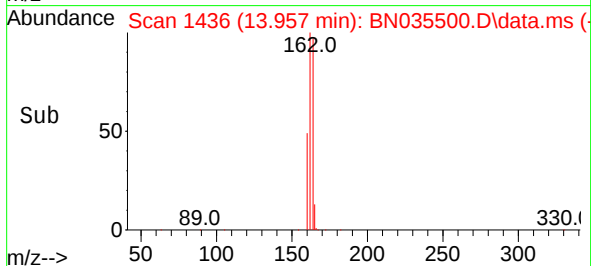
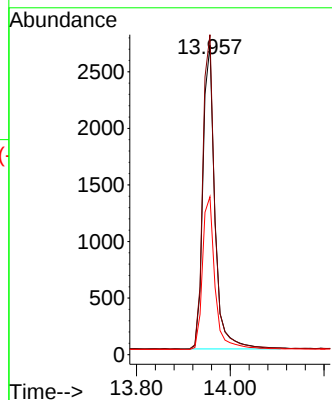
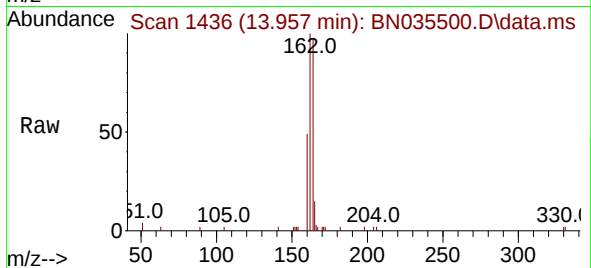
Tgt Ion:164 Resp: 4763

Ion Ratio Lower Upper

164 100

162 103.5 82.2 123.2

160 51.0 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.331 ng

RT: 15.475 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

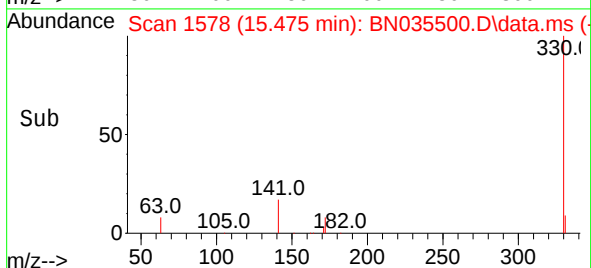
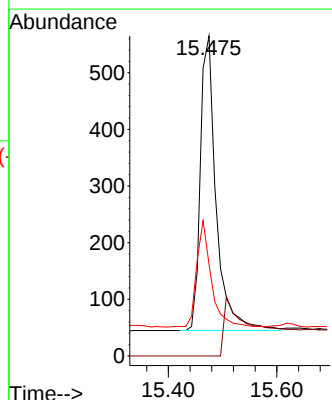
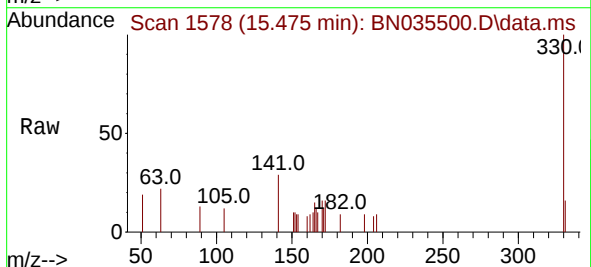
Tgt Ion:330 Resp: 1119

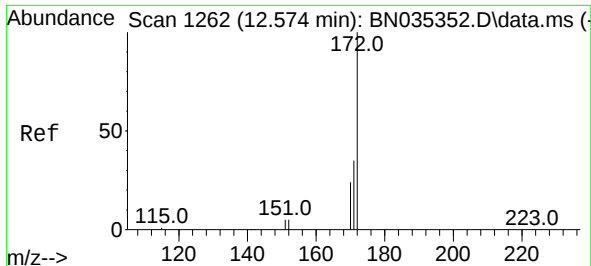
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 32.6 26.6 40.0





#15

2-Fluorobiphenyl

Concen: 0.397 ng

RT: 12.564 min Scan# 1409

Delta R.T. -0.010 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

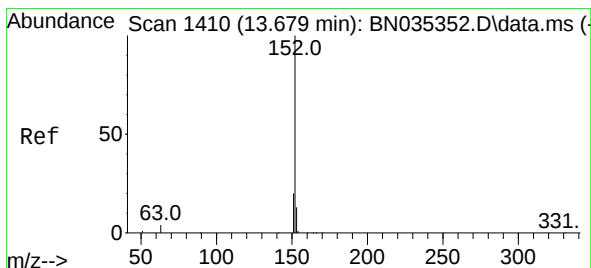
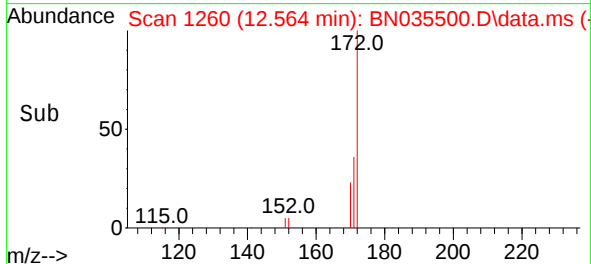
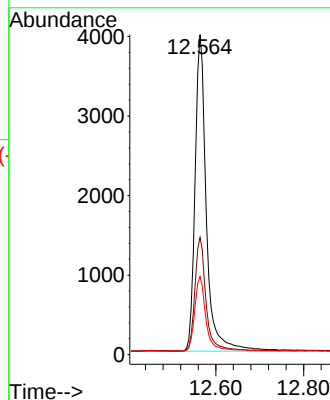
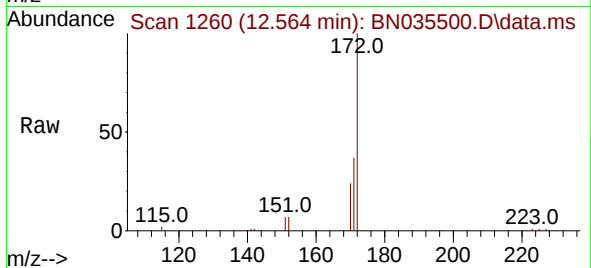
Tgt Ion:172 Resp: 7140

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

170 24.4 19.8 29.8



#16

Acenaphthylene

Concen: 0.372 ng

RT: 13.668 min Scan# 1409

Delta R.T. -0.011 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

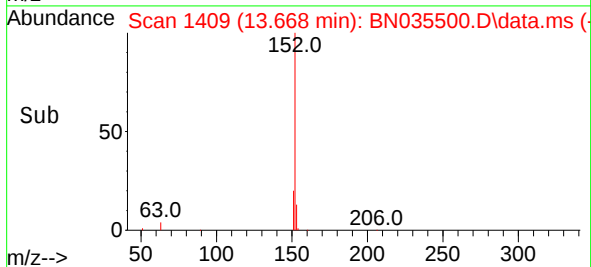
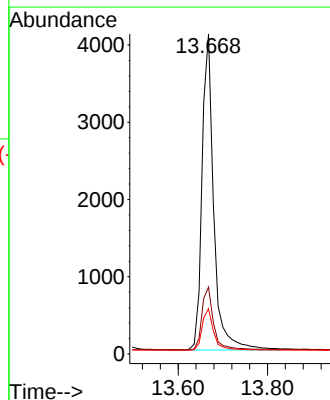
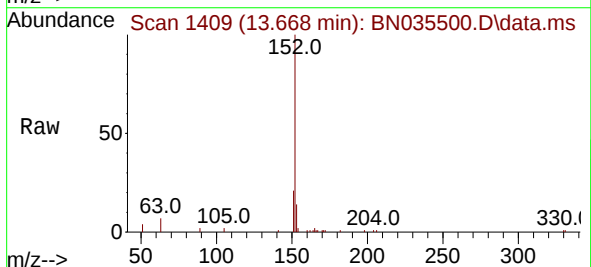
Tgt Ion:152 Resp: 7448

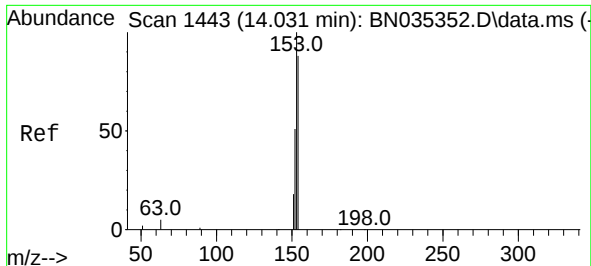
Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.3 10.4 15.6

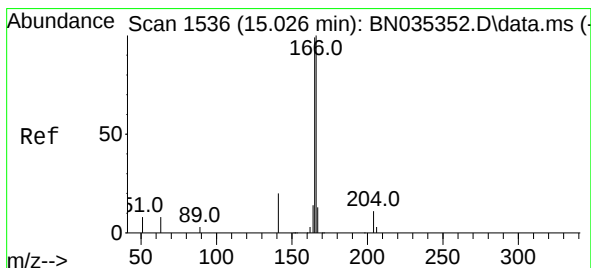
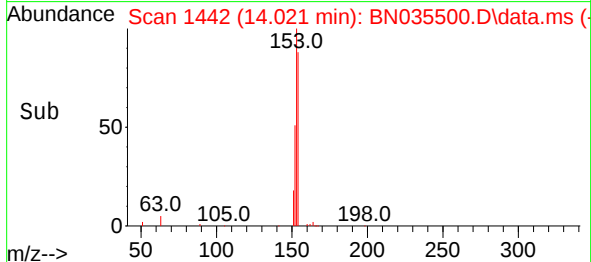
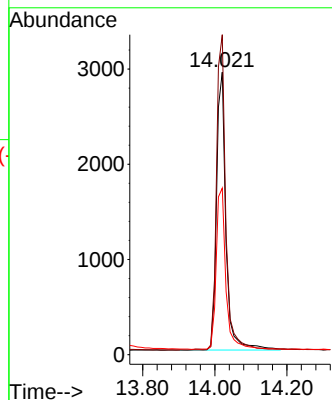
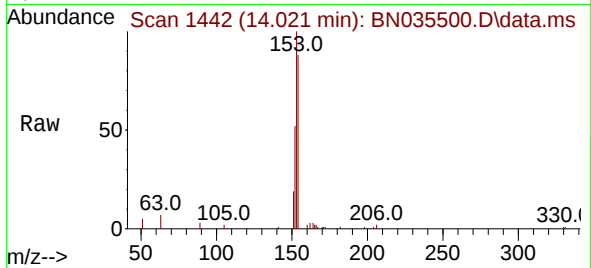




#17  
Acenaphthene  
Concen: 0.397 ng  
RT: 14.021 min Scan# 1442  
Delta R.T. -0.011 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

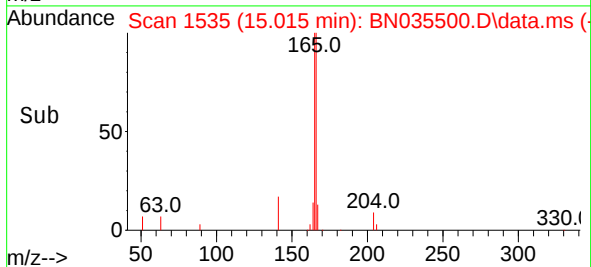
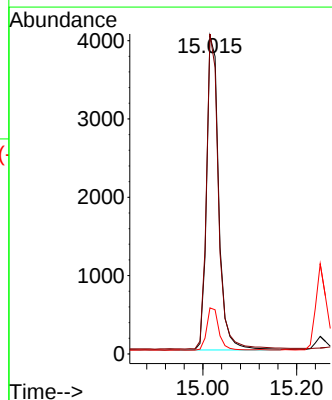
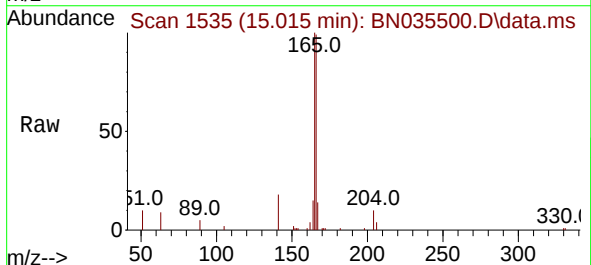
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

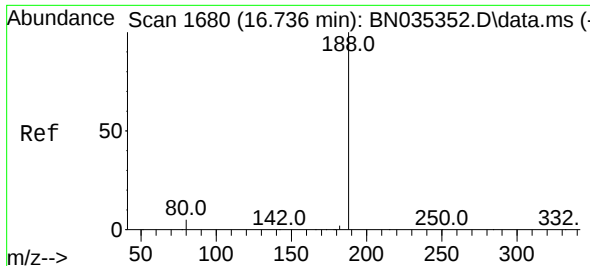
Tgt Ion:154 Resp: 5275  
Ion Ratio Lower Upper  
154 100  
153 112.2 92.6 139.0  
152 59.9 49.0 73.6



#18  
Fluorene  
Concen: 0.379 ng  
RT: 15.015 min Scan# 1535  
Delta R.T. -0.011 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

Tgt Ion:166 Resp: 7212  
Ion Ratio Lower Upper  
166 100  
165 98.8 79.7 119.5  
167 13.3 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.723 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

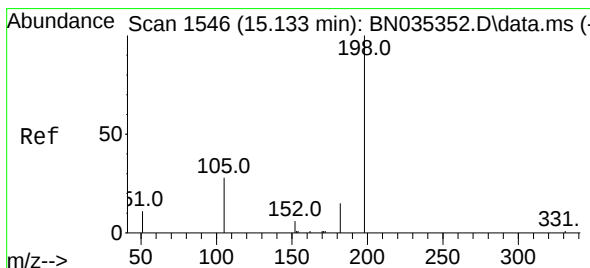
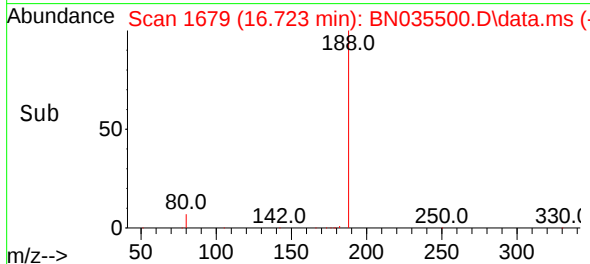
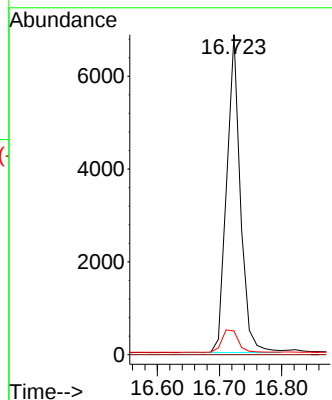
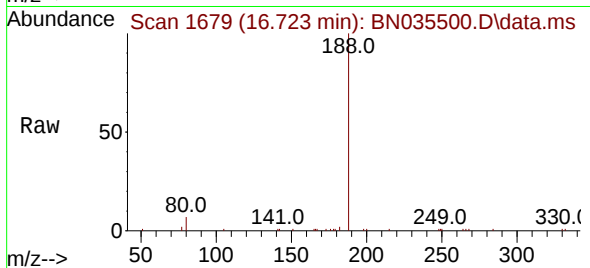
Tgt Ion:188 Resp: 10464

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.4 4.6 6.8#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.385 ng

RT: 15.122 min Scan# 1545

Delta R.T. -0.011 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

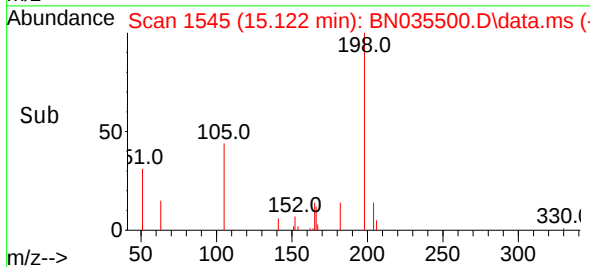
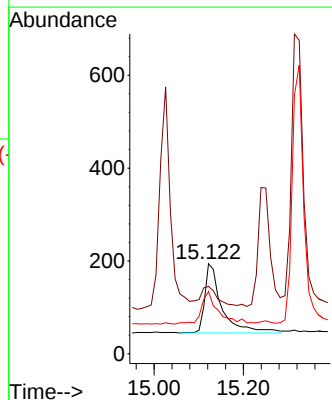
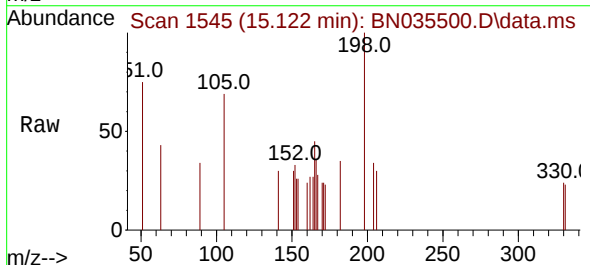
Tgt Ion:198 Resp: 396

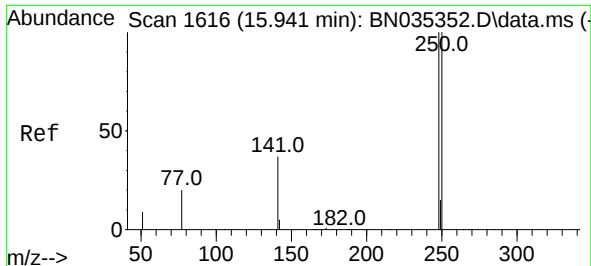
Ion Ratio Lower Upper

198 100

51 74.7 46.5 69.7#

105 69.1 45.3 67.9#

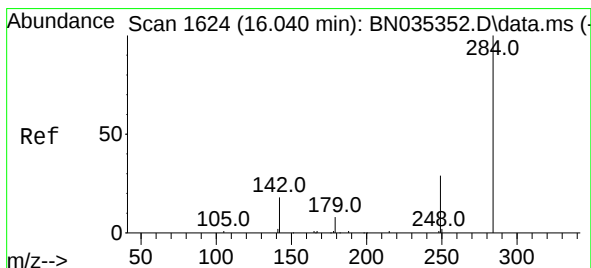
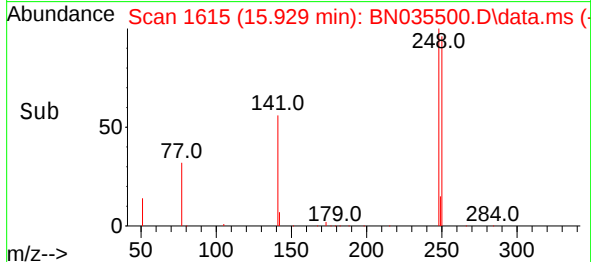
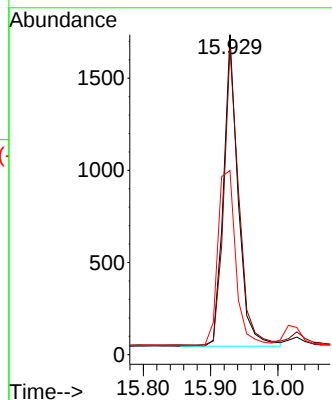
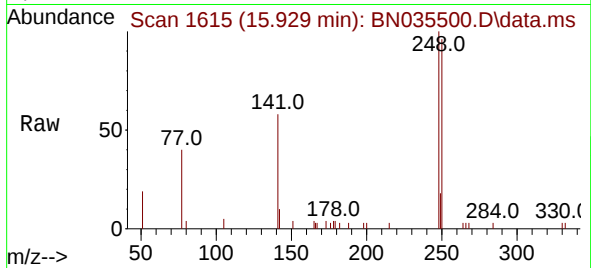




#21  
4-Bromophenyl-phenylether  
Concen: 0.418 ng  
RT: 15.929 min Scan# 1615  
Delta R.T. -0.012 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

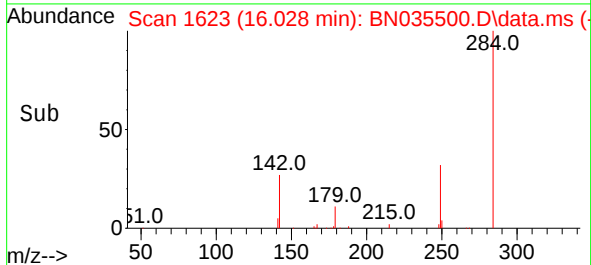
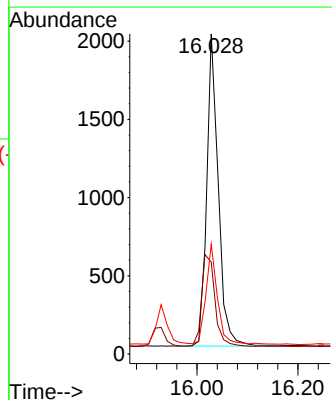
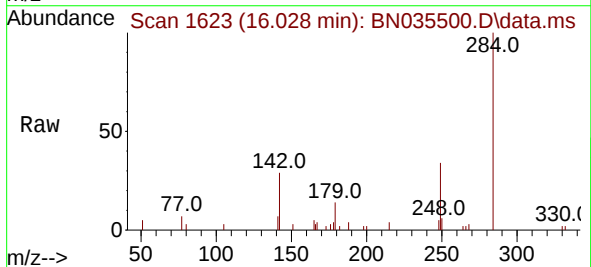
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

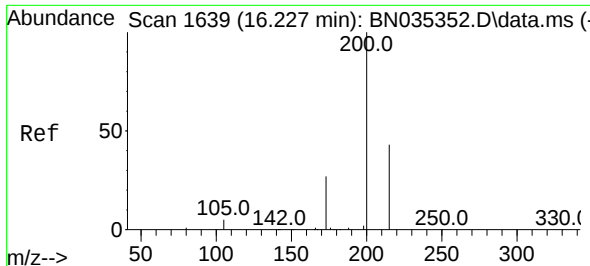
Tgt Ion:248 Resp: 2560  
Ion Ratio Lower Upper  
248 100  
250 95.9 80.6 120.8  
141 57.5 31.5 47.3#



#22  
Hexachlorobenzene  
Concen: 0.442 ng  
RT: 16.028 min Scan# 1623  
Delta R.T. -0.012 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

Tgt Ion:284 Resp: 3179  
Ion Ratio Lower Upper  
284 100  
142 34.1 26.7 40.1  
249 31.5 24.6 36.8

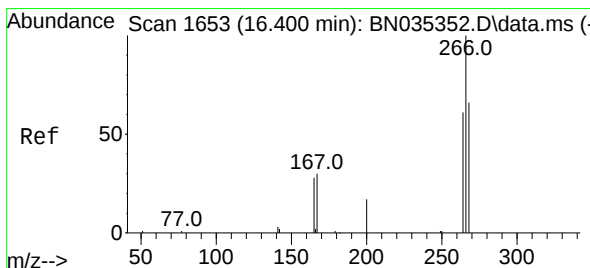
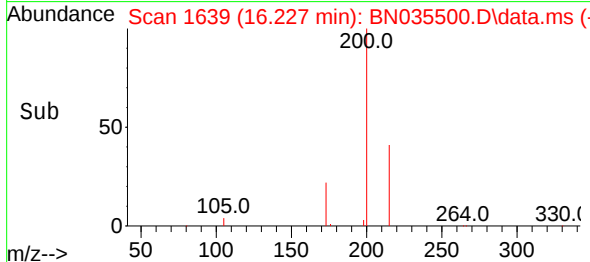
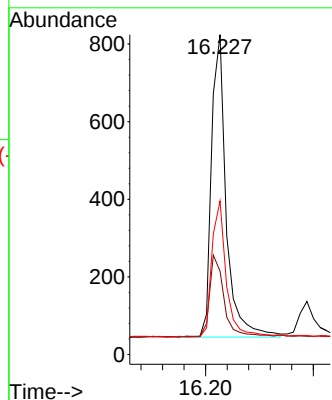
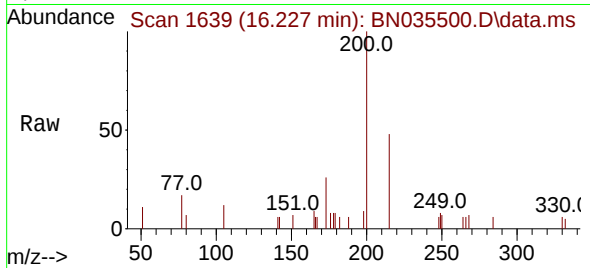




#23  
Atrazine  
Concen: 0.339 ng  
RT: 16.227 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

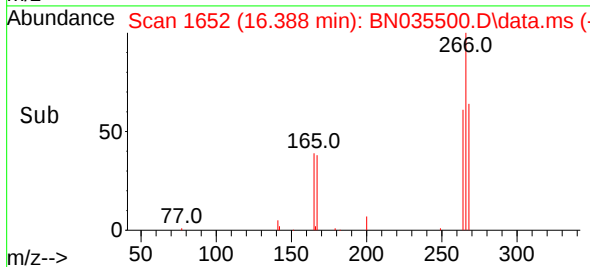
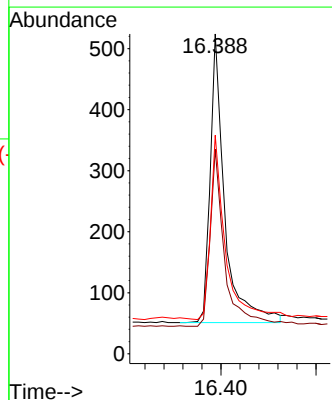
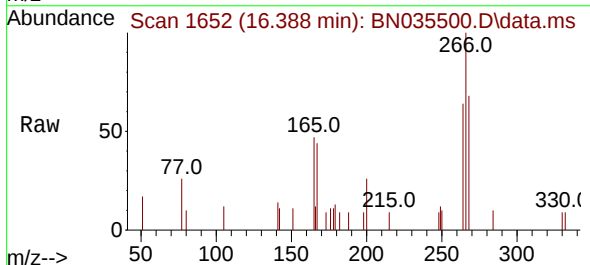
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

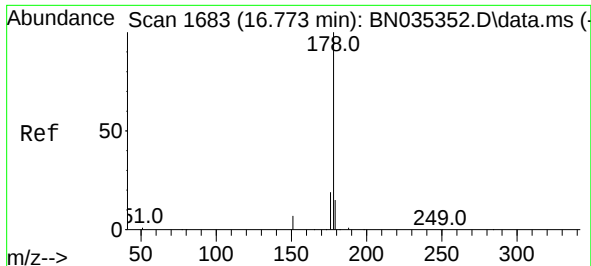
Tgt Ion:200 Resp: 1479  
Ion Ratio Lower Upper  
200 100  
173 26.1 24.1 36.1  
215 48.1 36.9 55.3



#24  
Pentachlorophenol  
Concen: 0.323 ng  
RT: 16.388 min Scan# 1652  
Delta R.T. -0.012 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

Tgt Ion:266 Resp: 1009  
Ion Ratio Lower Upper  
266 100  
264 61.6 42.3 63.5  
268 65.3 43.3 64.9#

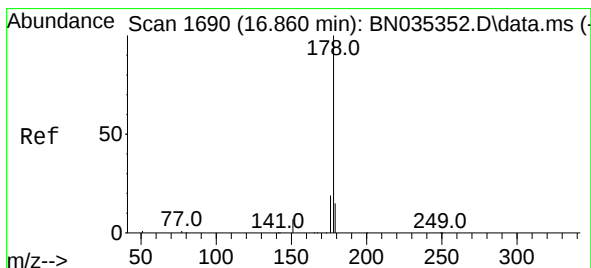
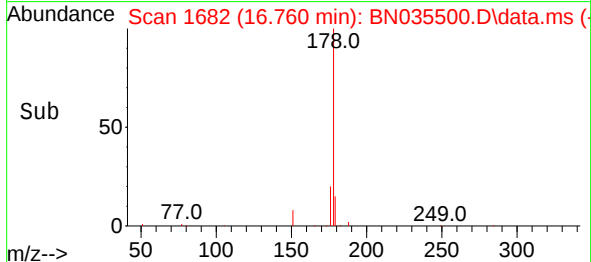
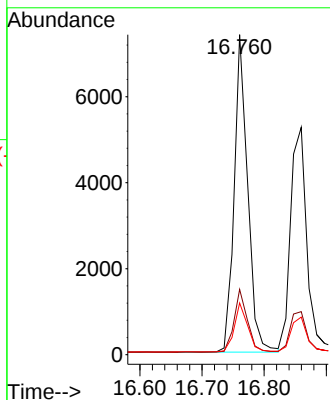
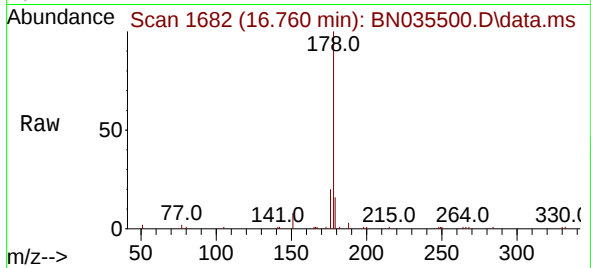




#25  
Phenanthrene  
Concen: 0.388 ng  
RT: 16.760 min Scan# 1682  
Delta R.T. -0.012 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

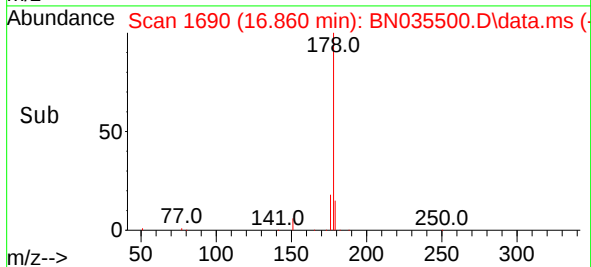
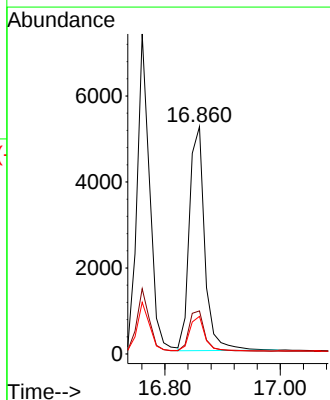
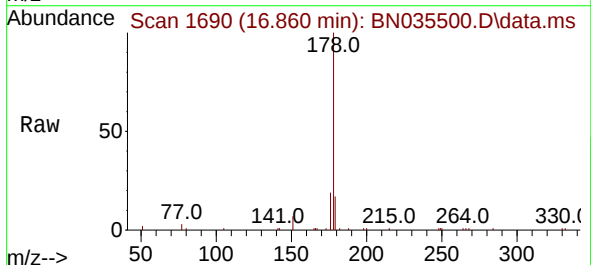
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

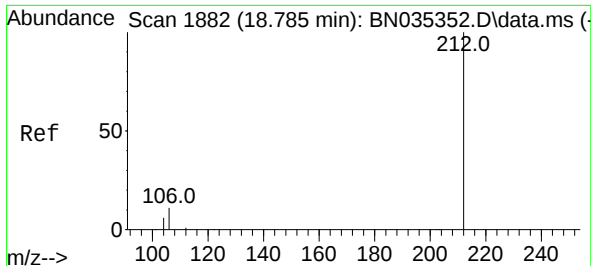
Tgt Ion:178 Resp: 11166  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.4 23.2  
179 15.5 12.3 18.5



#26  
Anthracene  
Concen: 0.371 ng  
RT: 16.860 min Scan# 1690  
Delta R.T. 0.000 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

Tgt Ion:178 Resp: 9640  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.0 22.6  
179 15.3 12.6 18.8





#27

Fluoranthene-d10

Concen: 0.348 ng

RT: 18.775 min Scan# 1880

Delta R.T. -0.009 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

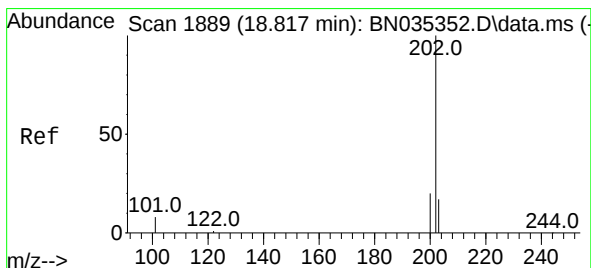
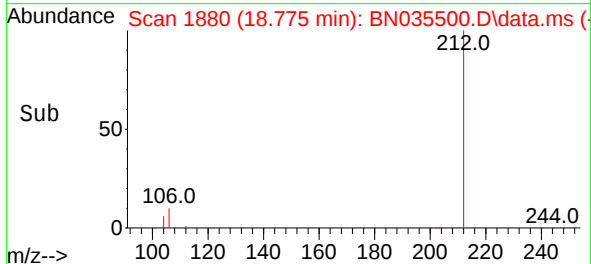
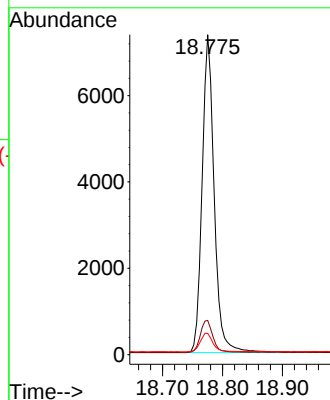
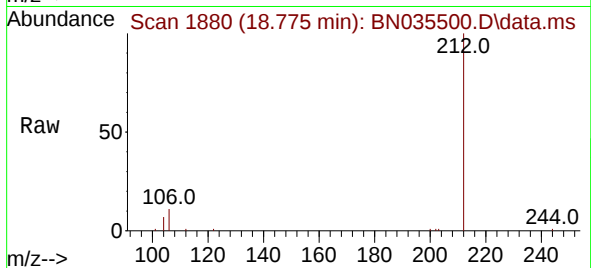
Tgt Ion:212 Resp: 10317

Ion Ratio Lower Upper

212 100

106 10.5 9.2 13.8

104 6.2 5.3 7.9



#28

Fluoranthene

Concen: 0.347 ng

RT: 18.808 min Scan# 1887

Delta R.T. -0.009 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

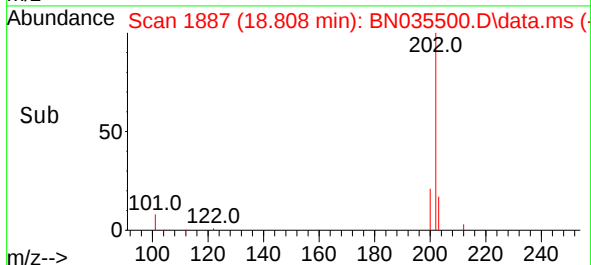
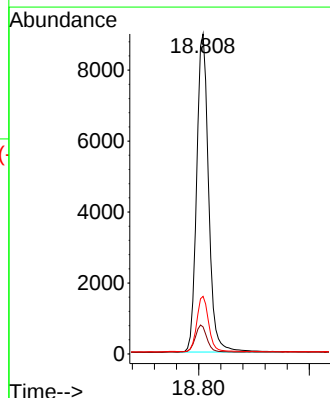
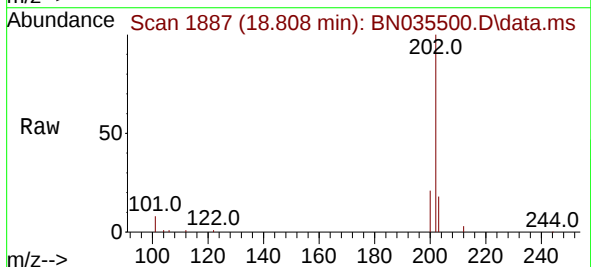
Tgt Ion:202 Resp: 13456

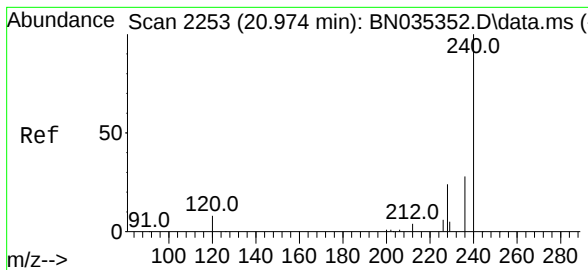
Ion Ratio Lower Upper

202 100

101 8.6 7.4 11.0

203 17.4 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.965 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

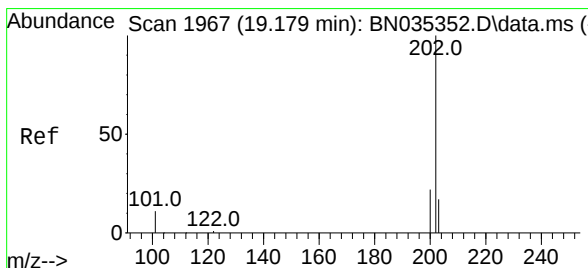
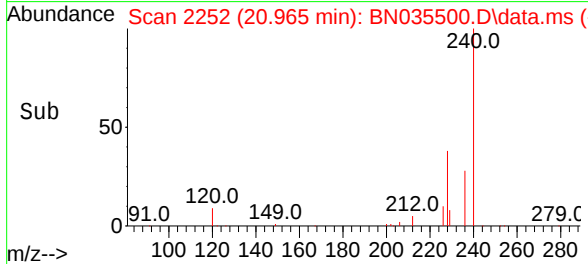
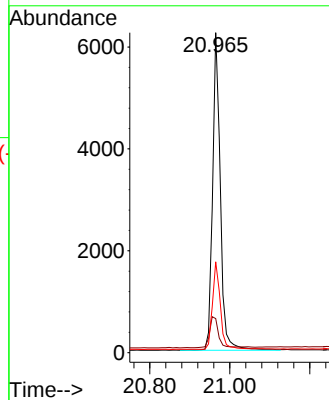
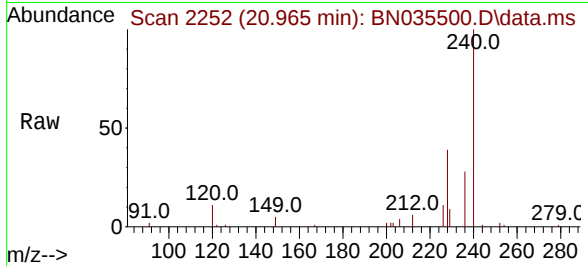
Tgt Ion:240 Resp: 8413

Ion Ratio Lower Upper

240 100

120 10.7 7.9 11.9

236 28.4 22.9 34.3



#30

Pyrene

Concen: 0.436 ng

RT: 19.175 min Scan# 1966

Delta R.T. -0.005 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

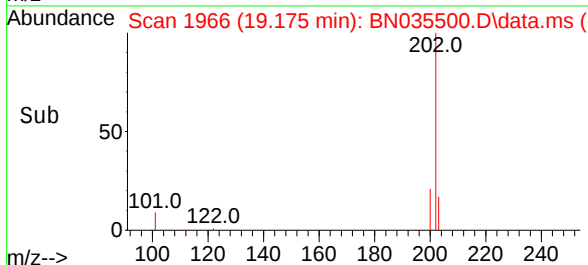
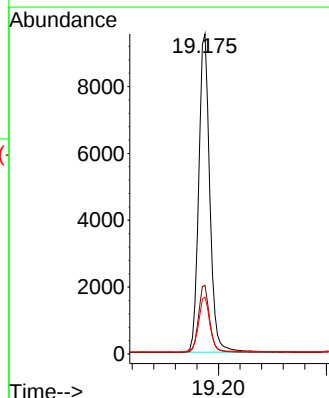
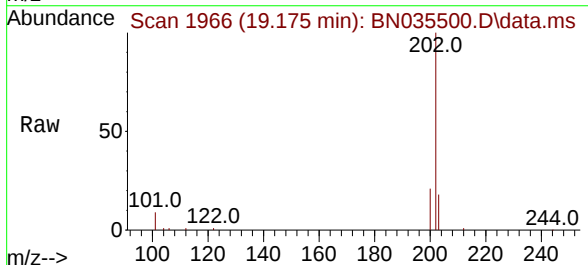
Tgt Ion:202 Resp: 13529

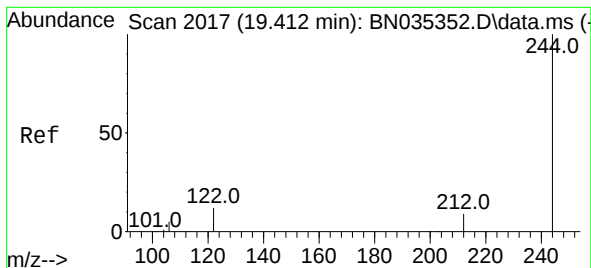
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.7 14.3 21.5





#31

Terphenyl-d14

Concen: 0.432 ng

RT: 19.407 min Scan# 2017

Delta R.T. -0.005 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

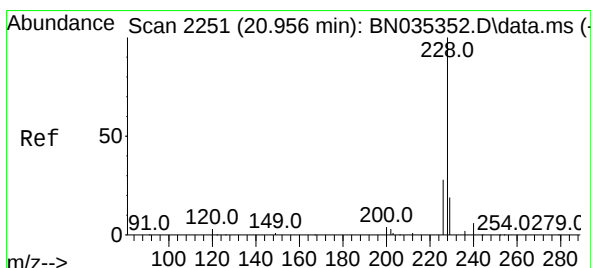
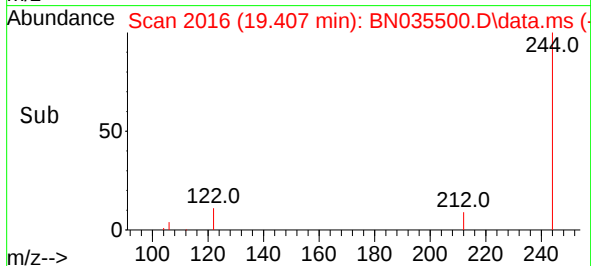
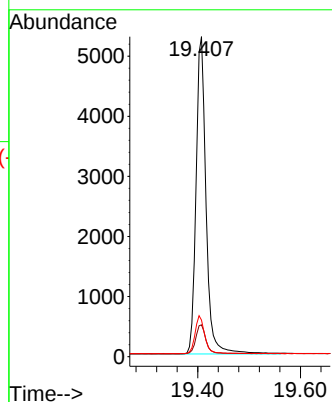
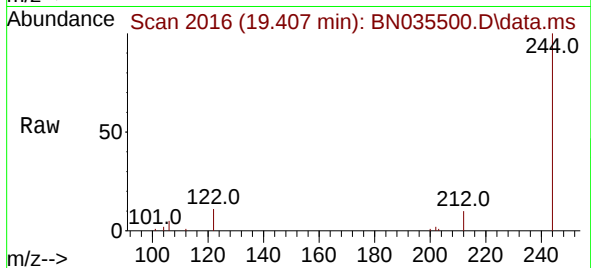
Tgt Ion:244 Resp: 7172

Ion Ratio Lower Upper

244 100

212 10.0 8.1 12.1

122 11.5 10.3 15.5



#32

Benzo(a)anthracene

Concen: 0.353 ng

RT: 20.947 min Scan# 2250

Delta R.T. -0.009 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

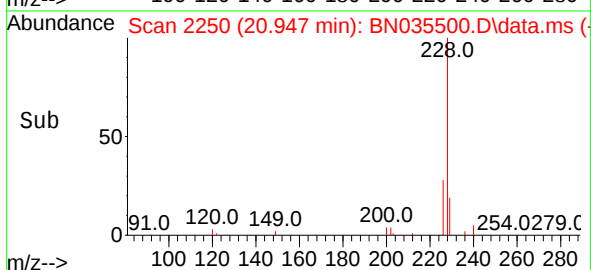
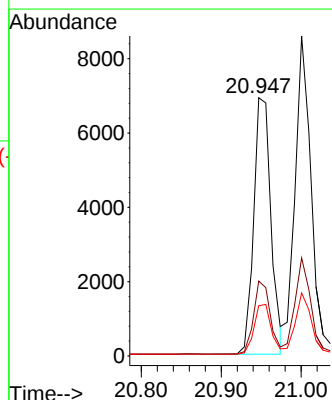
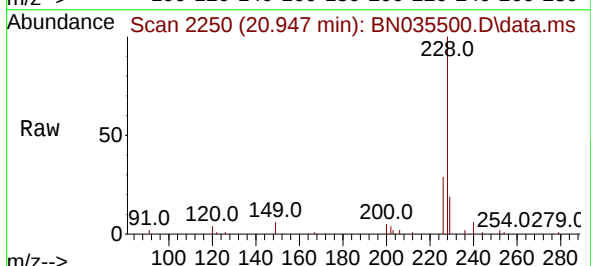
Tgt Ion:228 Resp: 10376

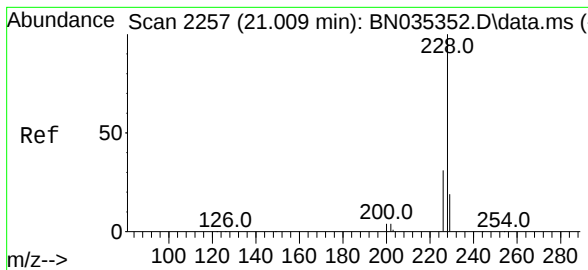
Ion Ratio Lower Upper

228 100

226 29.0 22.5 33.7

229 19.5 15.8 23.8





#33

Chrysene

Concen: 0.402 ng

RT: 21.001 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

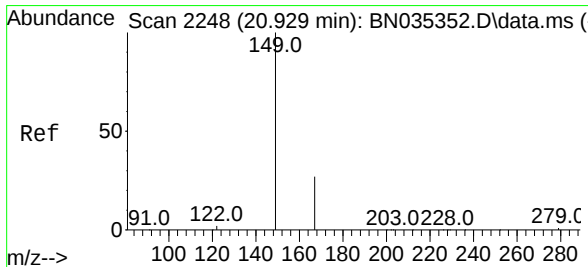
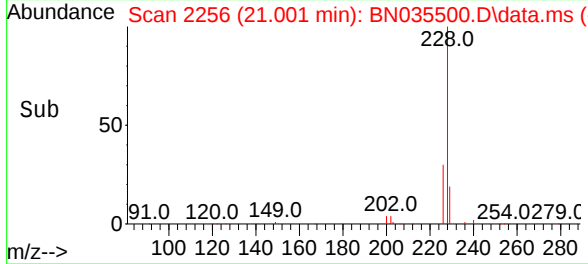
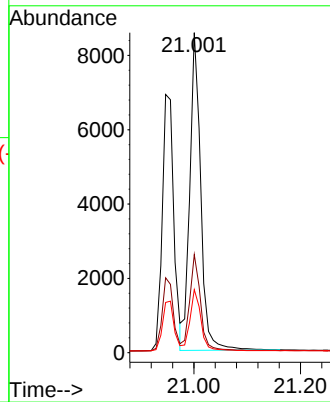
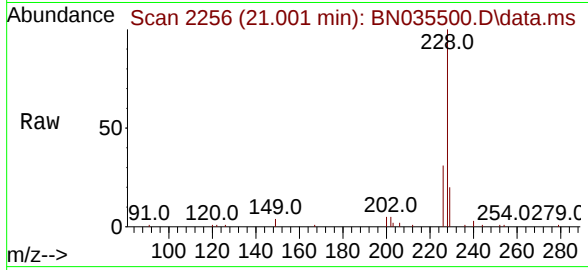
Tgt Ion:228 Resp: 12185

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 19.7 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.367 ng

RT: 20.920 min Scan# 2247

Delta R.T. -0.009 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

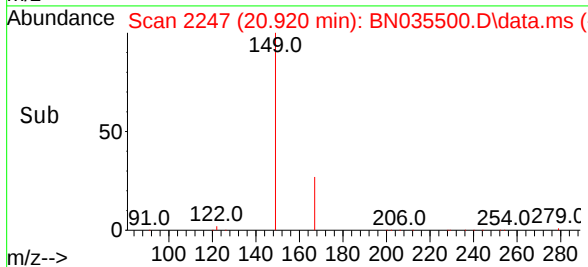
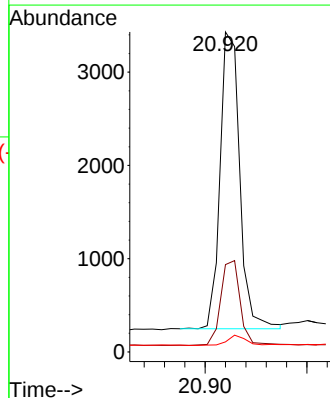
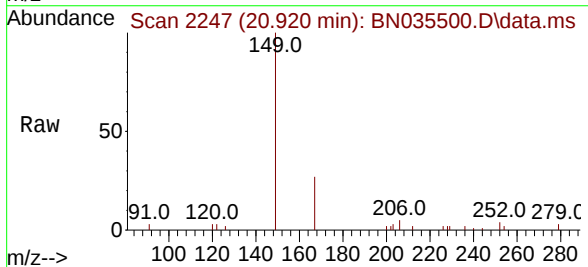
Tgt Ion:149 Resp: 4269

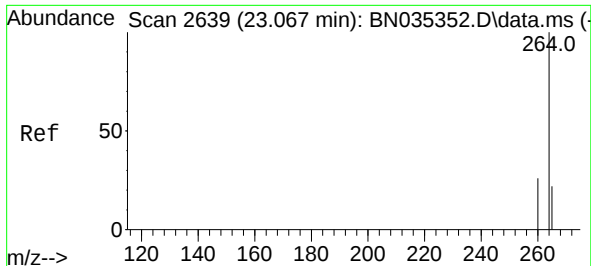
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 3.3 2.7 4.1



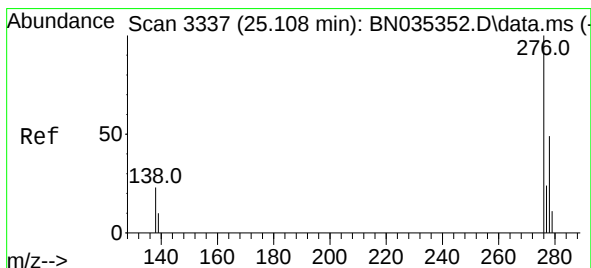
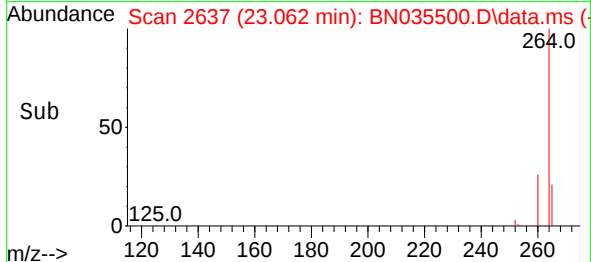
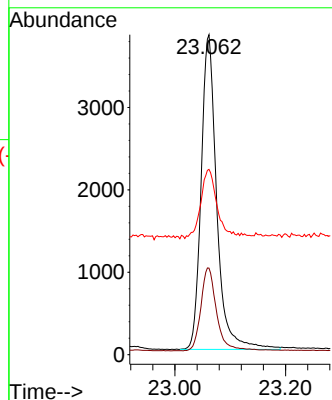
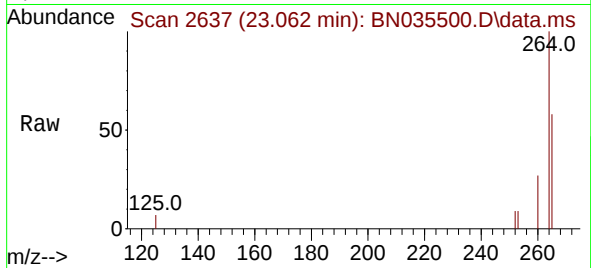


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.062 min Scan# 2  
Delta R.T. -0.006 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:264 Resp: 7482  

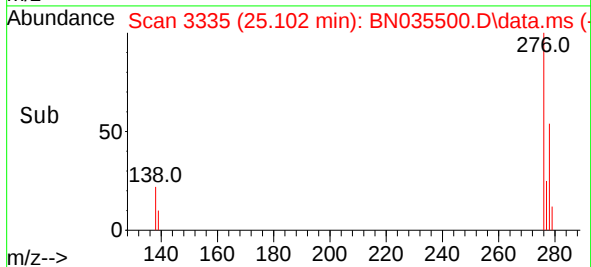
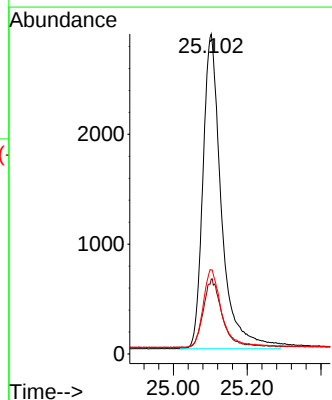
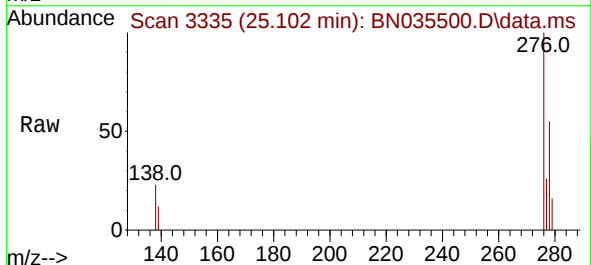
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.1  | 21.4  | 32.2  |
| 265 | 57.9  | 40.2  | 60.4  |

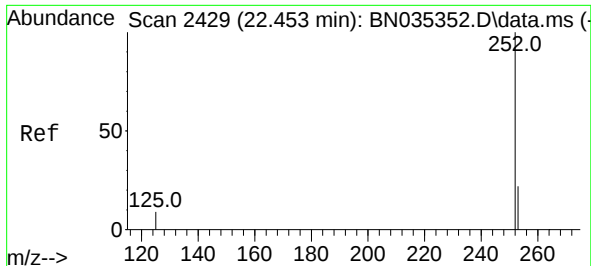


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.342 ng  
RT: 25.102 min Scan# 3335  
Delta R.T. -0.006 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

Tgt Ion:276 Resp: 9992  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 21.5  | 19.4  | 29.0  |
| 277 | 24.4  | 19.8  | 29.6  |





#37

Benzo(b)fluoranthene

Concen: 0.602 ng

RT: 22.448 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

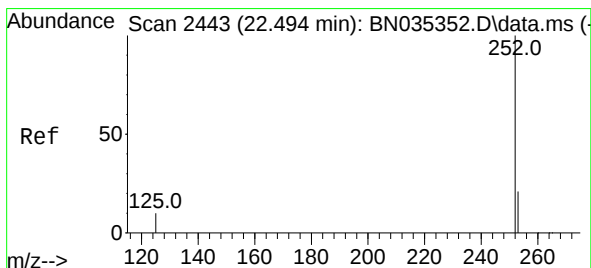
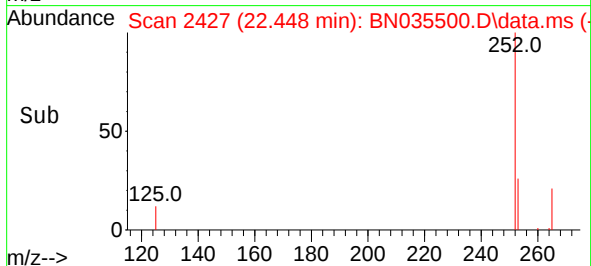
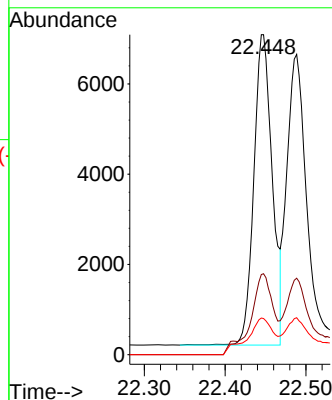
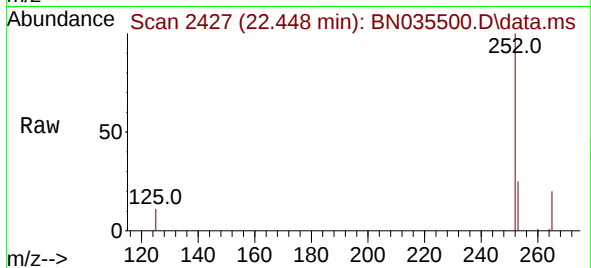
Tgt Ion:252 Resp: 16488

Ion Ratio Lower Upper

252 100

253 25.3 19.6 29.4

125 11.3 9.6 14.4



#38

Benzo(k)fluoranthene

Concen: 0.415 ng

RT: 22.489 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

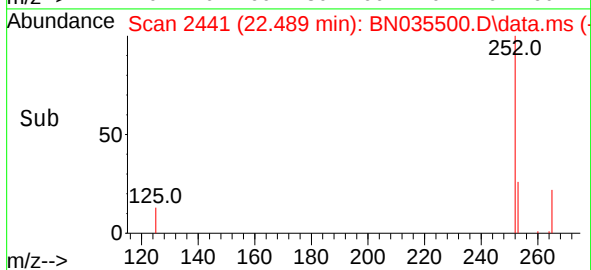
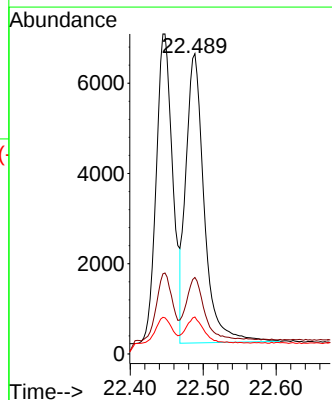
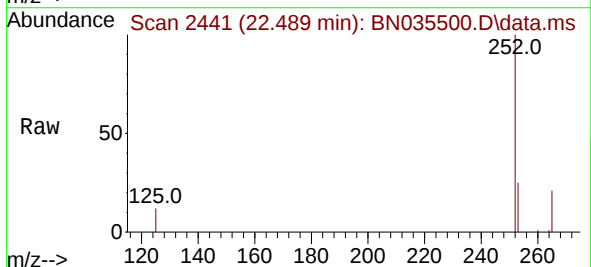
Tgt Ion:252 Resp: 11180

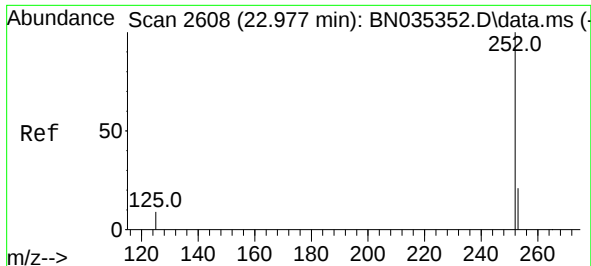
Ion Ratio Lower Upper

252 100

253 25.5 19.5 29.3

125 12.3 10.2 15.4





#39

Benzo(a)pyrene

Concen: 0.371 ng

RT: 22.968 min Scan# 2605

Delta R.T. -0.009 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

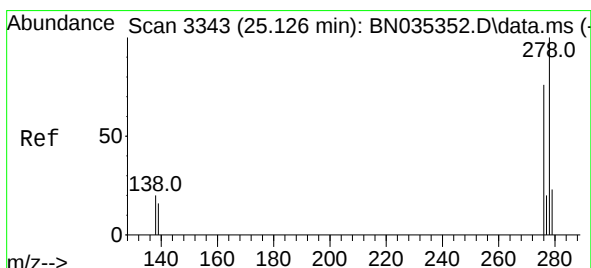
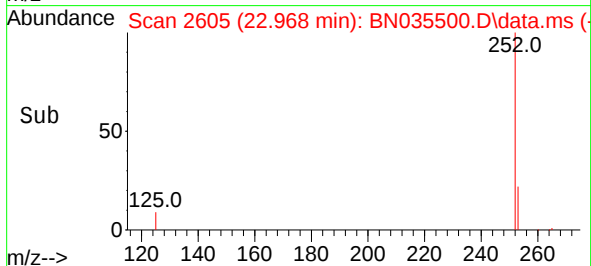
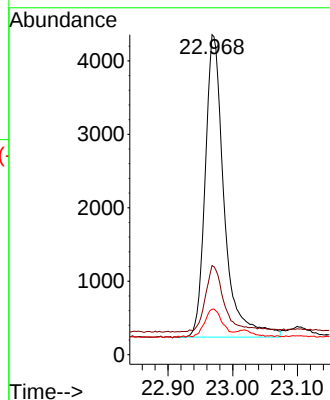
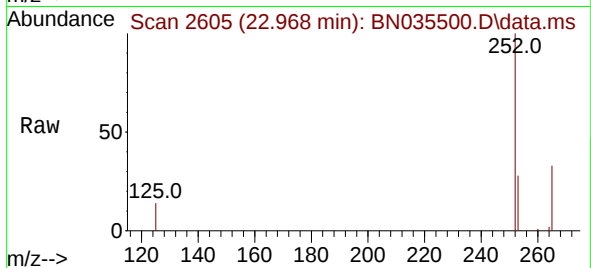
Tgt Ion:252 Resp: 8364

Ion Ratio Lower Upper

252 100

253 27.9 20.2 30.4

125 14.2 10.9 16.3



#40

Dibenzo(a,h)anthracene

Concen: 0.312 ng

RT: 25.117 min Scan# 3340

Delta R.T. -0.009 min

Lab File: BN035500.D

Acq: 09 Dec 2024 11:04

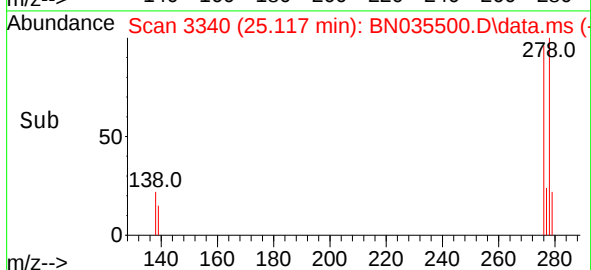
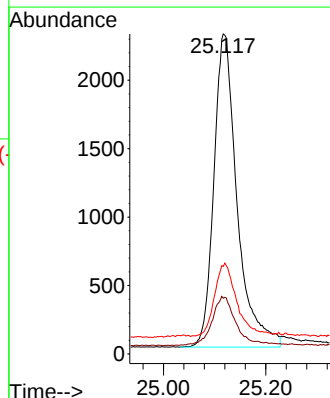
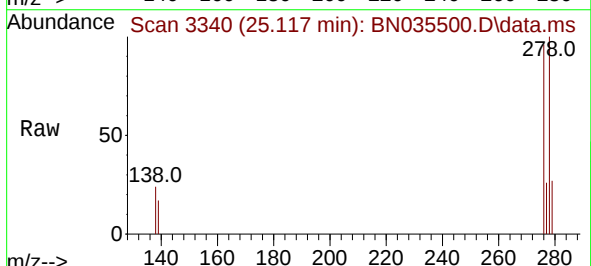
Tgt Ion:278 Resp: 7212

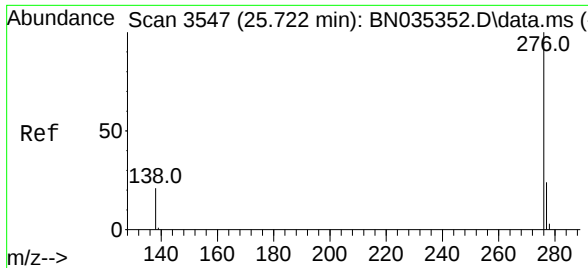
Ion Ratio Lower Upper

278 100

139 17.4 14.2 21.4

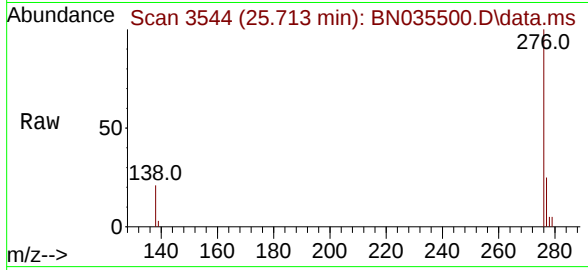
279 27.3 20.5 30.7





#41  
Benzo(g,h,i)perylene  
Concen: 0.369 ng  
RT: 25.713 min Scan# 3544  
Delta R.T. -0.009 min  
Lab File: BN035500.D  
Acq: 09 Dec 2024 11:04

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 8910  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.9  | 19.9  | 29.9  |
| 138      | 21.3  | 17.8  | 26.8  |

