

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080624\  
 Data File : BN033270.D  
 Acq On : 06 Aug 2024 13:04  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Aug 06 13:46:48 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN080524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 05 23:57:48 2024  
 Response via : Initial Calibration

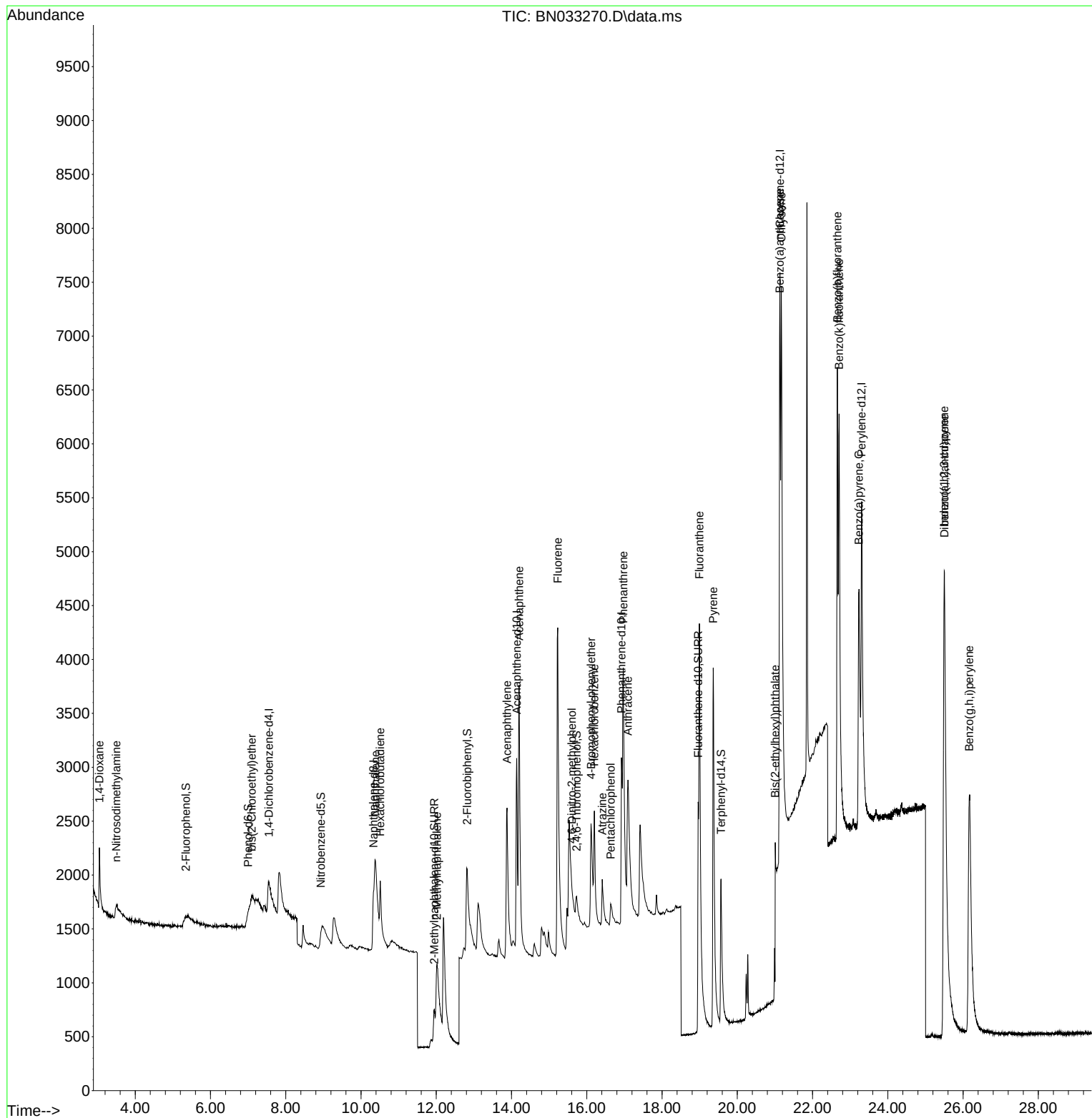
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.553  | 152  | 580      | 0.400 | ng    | 0.04     |
| 7) Naphthalene-d8             | 10.329 | 136  | 2661     | 0.400 | ng    | 0.01     |
| 13) Acenaphthene-d10          | 14.137 | 164  | 1835     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 16.920 | 188  | 4309     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.133 | 240  | 4566     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.303 | 264  | 5464     | 0.400 | ng    | 0.01     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.343  | 112  | 167      | 0.116 | ng    | 0.05     |
| 5) Phenol-d6                  | 6.997  | 99   | 205      | 0.104 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.931  | 82   | 689      | 0.322 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 11.950 | 152  | 1547     | 0.392 | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol      | 15.728 | 330  | 279      | 0.408 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 12.822 | 172  | 2533     | 0.404 | ng    | 0.02     |
| 27) Fluoranthene-d10          | 18.959 | 212  | 4650     | 0.386 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.568 | 244  | 3127     | 0.396 | ng    | 0.02     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.047  | 88   | 477      | 0.507 | ng    | # 89     |
| 3) n-Nitrosodimethylamine     | 3.494  | 42   | 103      | 0.146 | ng    | # 69     |
| 6) bis(2-Chloroethyl)ether    | 7.091  | 93   | 260      | 0.156 | ng    | # 96     |
| 9) Naphthalene                | 10.383 | 128  | 2868     | 0.397 | ng    | 96       |
| 10) Hexachlorobutadiene       | 10.511 | 225  | 588      | 0.438 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.018 | 142  | 1502     | 0.349 | ng    | 97       |
| 16) Acenaphthylene            | 13.880 | 152  | 2900     | 0.396 | ng    | 99       |
| 17) Acenaphthene              | 14.201 | 154  | 2173     | 0.411 | ng    | 99       |
| 18) Fluorene                  | 15.227 | 166  | 2960     | 0.414 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.604 | 198  | 133      | 0.411 | ng    | # 73     |
| 21) 4-Bromophenyl-phenylether | 16.113 | 248  | 904      | 0.395 | ng    | 93       |
| 22) Hexachlorobenzene         | 16.200 | 284  | 971      | 0.407 | ng    | 94       |
| 23) Atrazine                  | 16.411 | 200  | 792      | 0.368 | ng    | 96       |
| 24) Pentachlorophenol         | 16.635 | 266  | 308      | 0.386 | ng    | 89       |
| 25) Phenanthrene              | 16.970 | 178  | 4329     | 0.373 | ng    | 99       |
| 26) Anthracene                | 17.094 | 178  | 3217     | 0.331 | ng    | # 87     |
| 28) Fluoranthene              | 18.992 | 202  | 5973     | 0.376 | ng    | 100      |
| 30) Pyrene                    | 19.359 | 202  | 6406     | 0.401 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.125 | 228  | 4394     | 0.334 | ng    | 96       |
| 33) Chrysene                  | 21.169 | 228  | 7545     | 0.427 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.008 | 149  | 1308     | 0.414 | ng    | # 88     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.498 | 276  | 8936     | 0.362 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.660 | 252  | 6197     | 0.374 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.703 | 252  | 8292     | 0.400 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.233 | 252  | 6810     | 0.409 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 25.507 | 278  | 7000     | 0.359 | ng    | 93       |
| 41) Benzo(g,h,i)perylene      | 26.165 | 276  | 2950     | 0.132 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

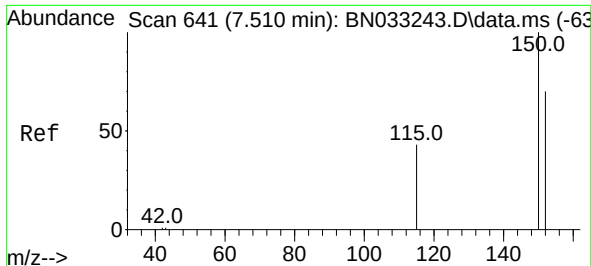
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080624\  
Data File : BN033270.D  
Acq On : 06 Aug 2024 13:04  
Operator : MA/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 05 23:57:48 2024  
Response via : Initial Calibration

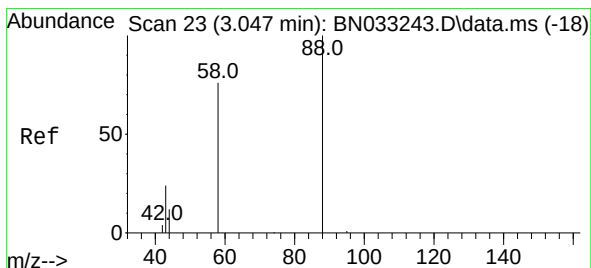
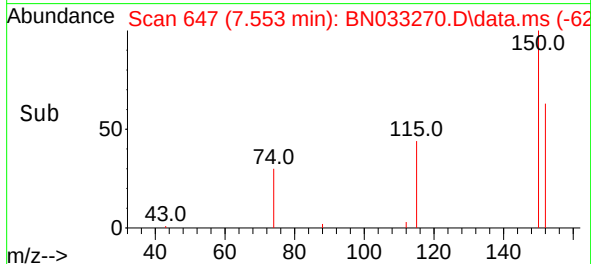
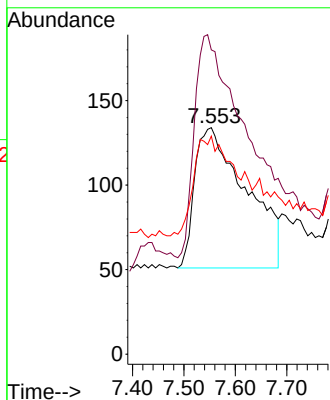
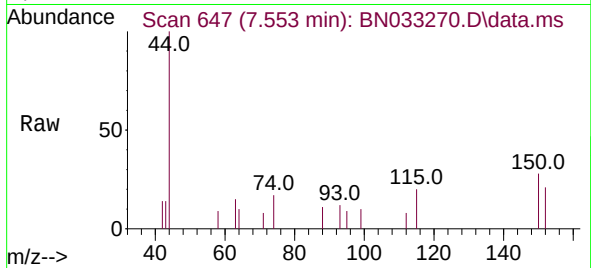




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.553 min Scan# 641  
Delta R.T. 0.043 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

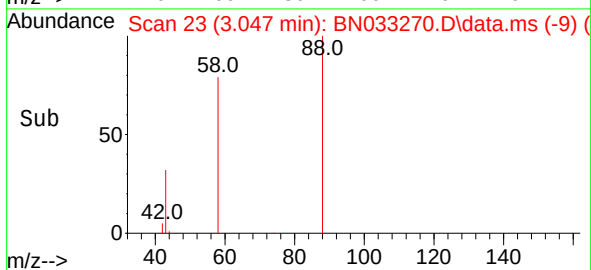
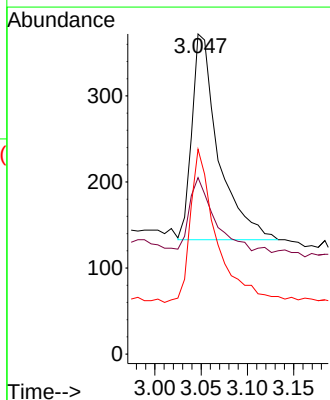
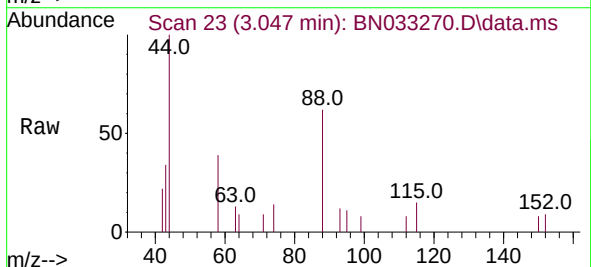
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

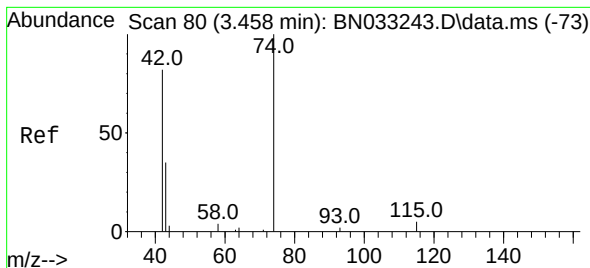
Tgt Ion:152 Resp: 580  
Ion Ratio Lower Upper  
152 100  
150 134.3 108.2 162.2  
115 96.3 70.5 105.7



#2  
1,4-Dioxane  
Concen: 0.507 ng  
RT: 3.047 min Scan# 23  
Delta R.T. -0.000 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

Tgt Ion: 88 Resp: 477  
Ion Ratio Lower Upper  
88 100  
43 35.6 18.6 28.0#  
58 73.4 54.5 81.7





#3

n-Nitrosodimethylamine

Concen: 0.146 ng

RT: 3.494 min Scan# 80

Delta R.T. 0.036 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

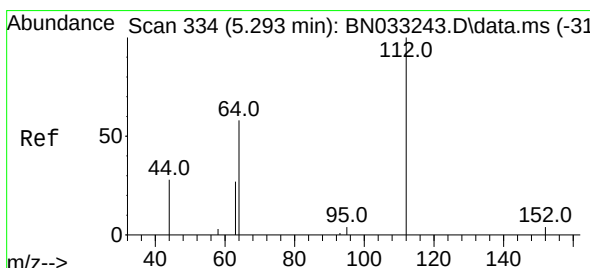
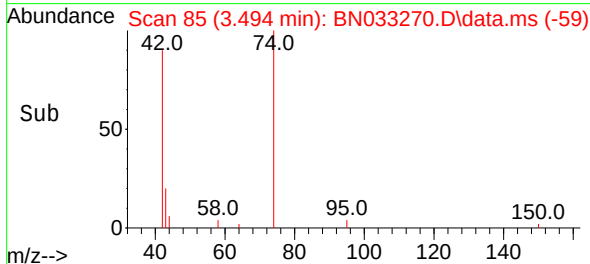
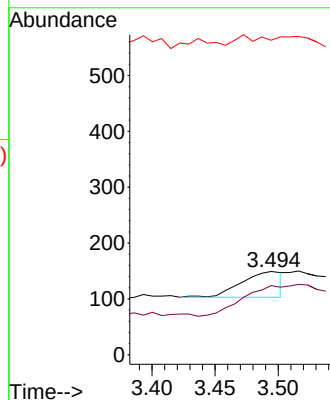
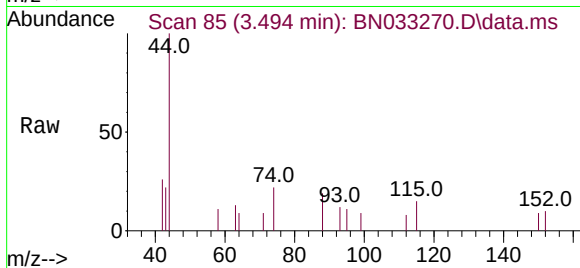
Tgt Ion: 42 Resp: 103

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

44 0.0 9.6 14.4#



#4

2-Fluorophenol

Concen: 0.116 ng

RT: 5.343 min Scan# 341

Delta R.T. 0.050 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

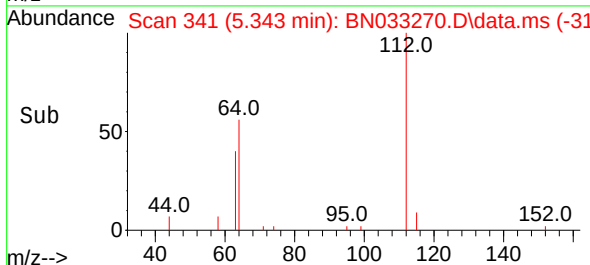
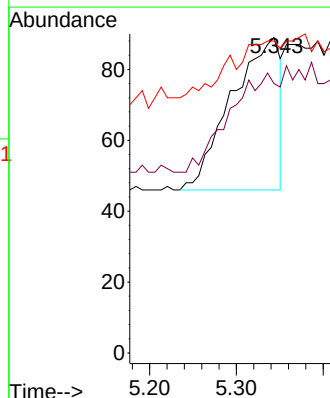
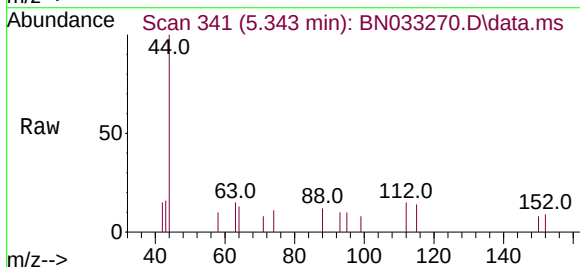
Tgt Ion: 112 Resp: 167

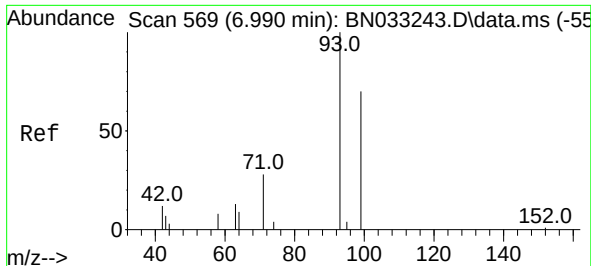
Ion Ratio Lower Upper

112 100

64 65.9 18.0 27.0#

63 11.4 0.0 0.0#





#5

Phenol-d6

Concen: 0.104 ng

RT: 6.997 min Scan# 51

Delta R.T. 0.007 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

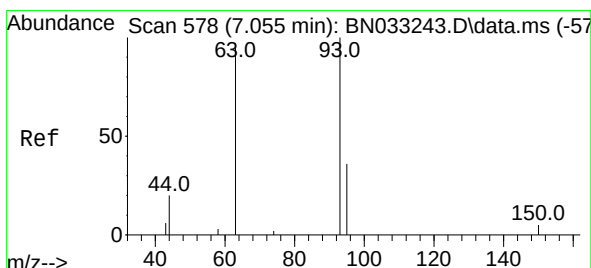
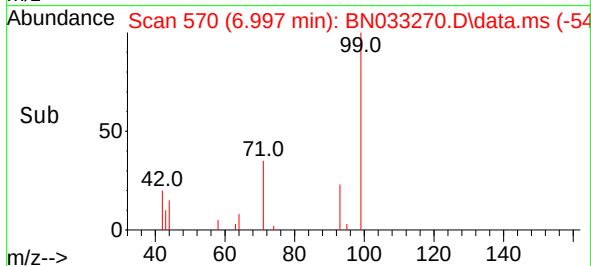
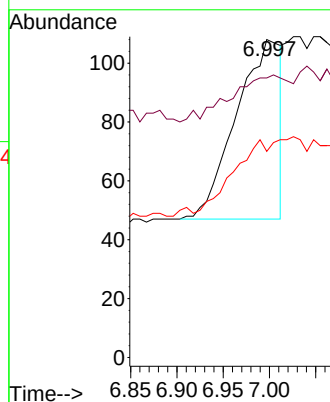
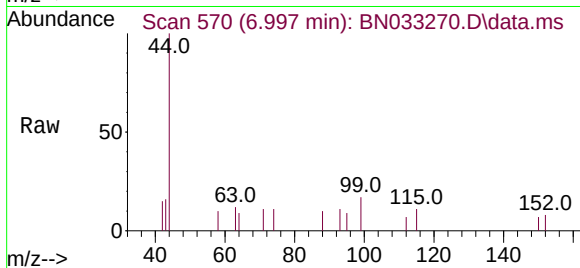
Tgt Ion: 99 Resp: 205

Ion Ratio Lower Upper

99 100

42 35.1 0.0 0.0#

71 30.7 0.0 0.0#



#6

bis(2-Chloroethyl)ether

Concen: 0.156 ng

RT: 7.091 min Scan# 583

Delta R.T. 0.036 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

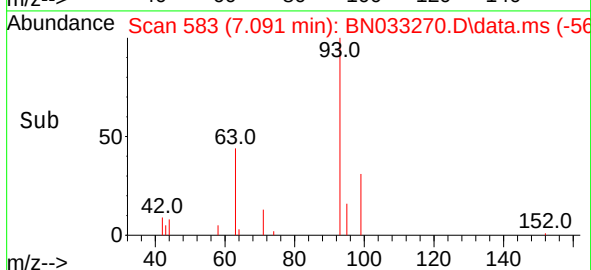
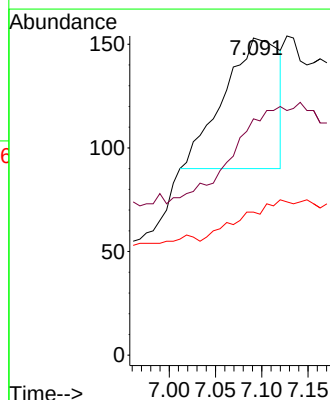
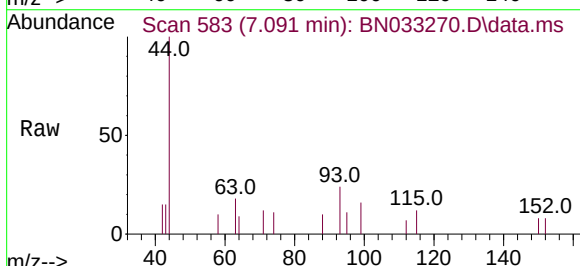
Tgt Ion: 93 Resp: 260

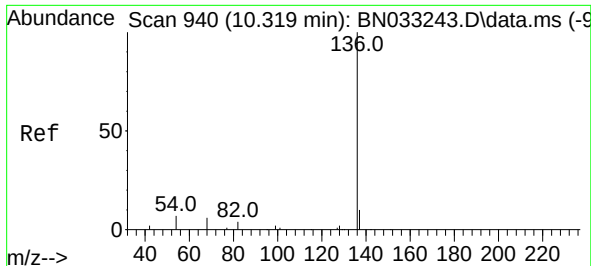
Ion Ratio Lower Upper

93 100

63 0.0 1.1 1.7#

95 0.0 0.0 0.0

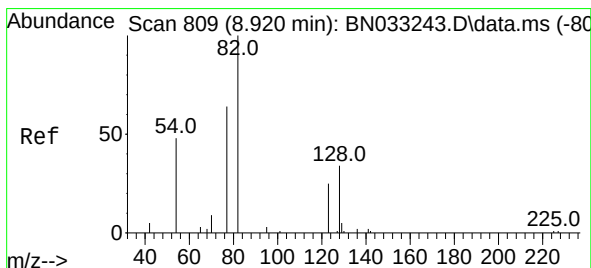
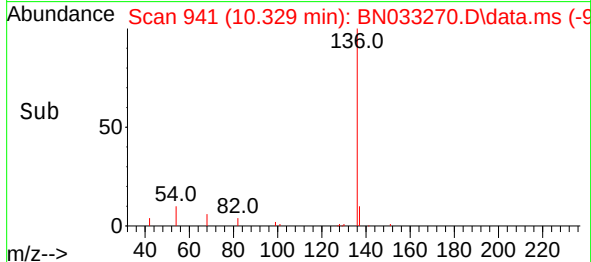
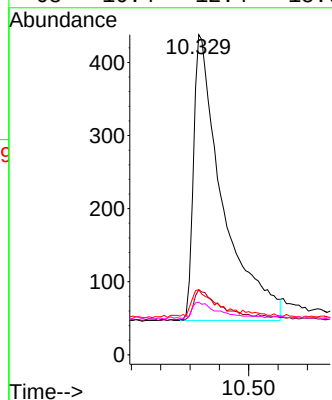
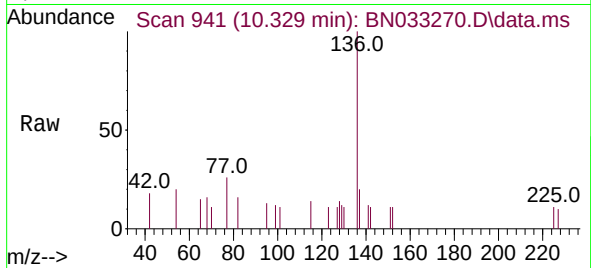




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.329 min Scan# 941  
Delta R.T. 0.010 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

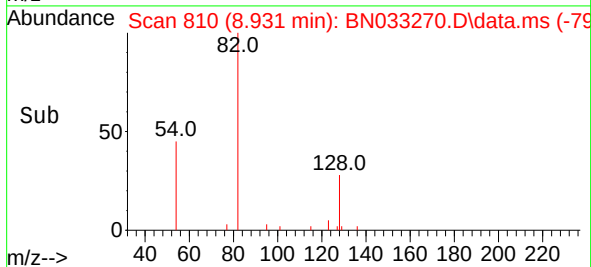
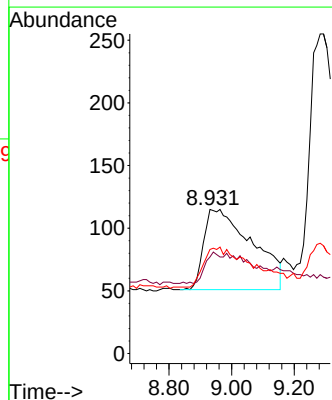
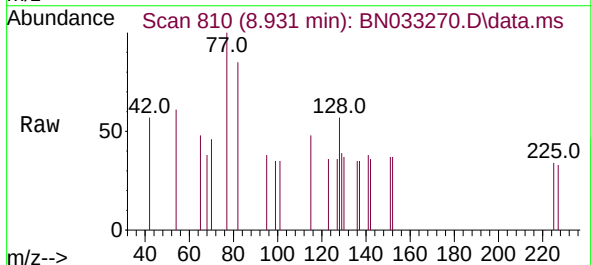
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

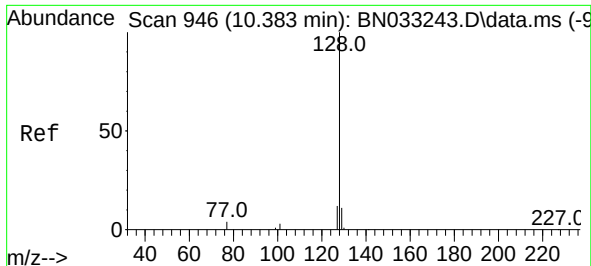
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2661  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 20.3  | 14.1  | 21.1  |
| 54       | 20.3  | 13.8  | 20.8  |
| 68       | 16.4  | 12.4  | 18.6  |



#8  
Nitrobenzene-d5  
Concen: 0.322 ng  
RT: 8.931 min Scan# 810  
Delta R.T. 0.011 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 689   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 67.0  | 54.8  | 82.2  |
| 54       | 72.2  | 55.9  | 83.9  |

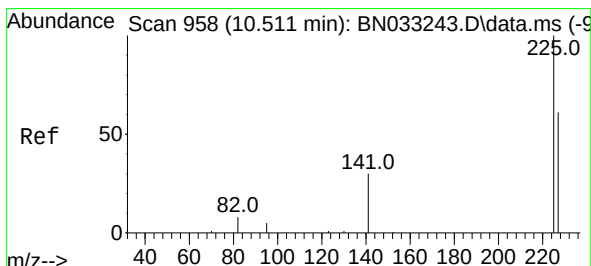
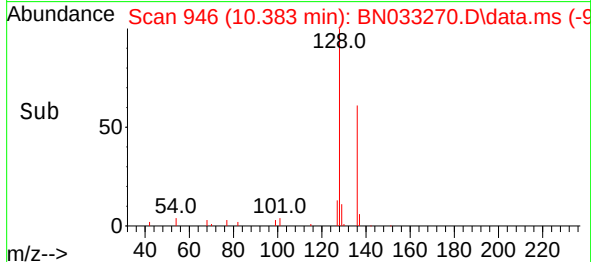
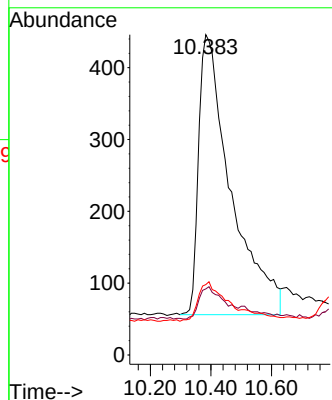
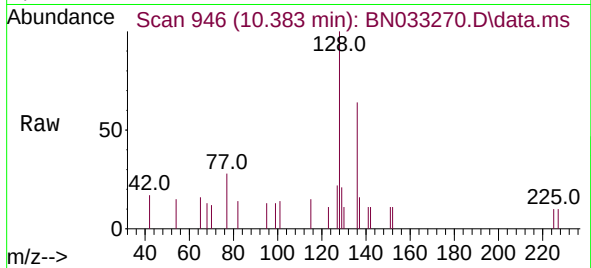




#9  
Naphthalene  
Concen: 0.397 ng  
RT: 10.383 min Scan# 946  
Delta R.T. -0.000 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

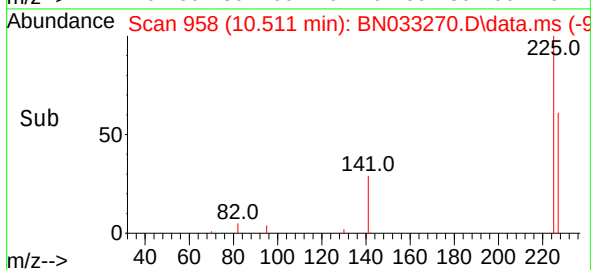
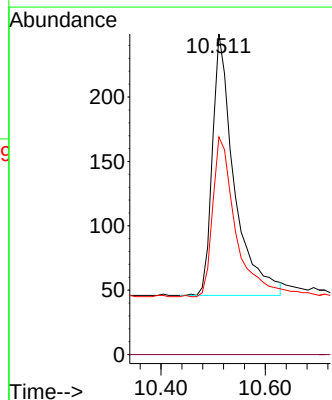
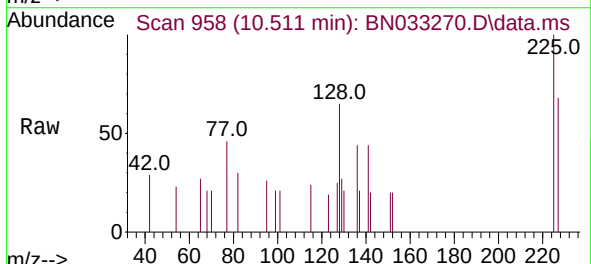
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ClientSampleId :  
SSTDCCC0.4

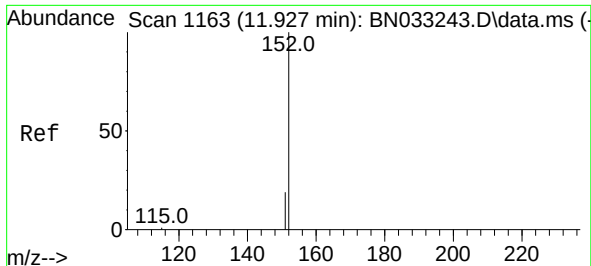
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|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 2868 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 20.6  | 15.4  | 23.0 |
| 127       | 22.0  | 15.8  | 23.6 |



#10  
Hexachlorobutadiene  
Concen: 0.438 ng  
RT: 10.511 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 588  |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 63.9  | 50.2  | 75.4 |

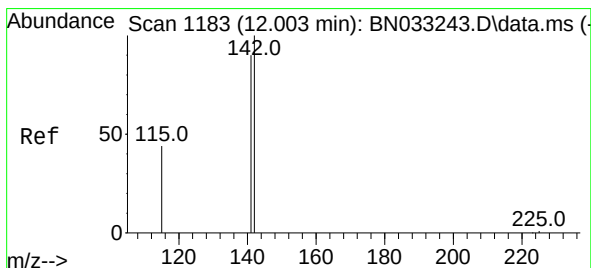
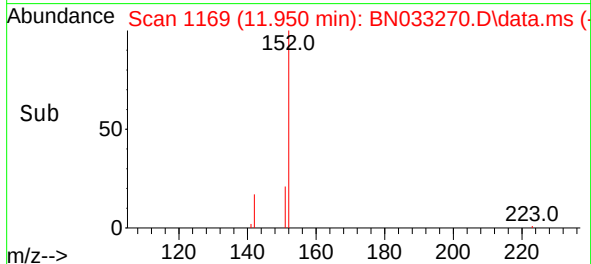
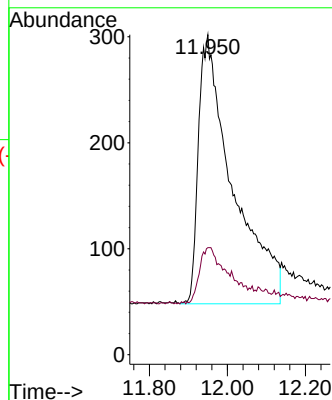
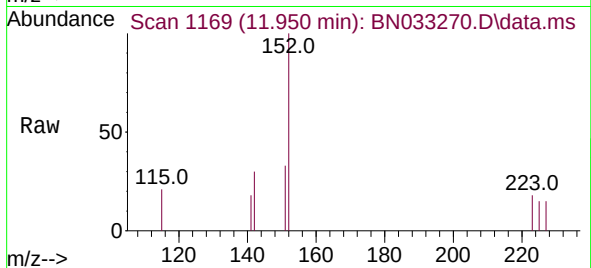




#11  
2-Methylnaphthalene-d10  
Concen: 0.392 ng  
RT: 11.950 min Scan# 1169  
Delta R.T. 0.023 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

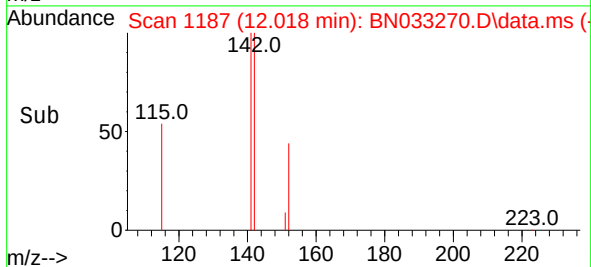
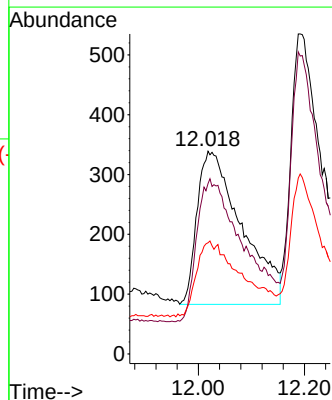
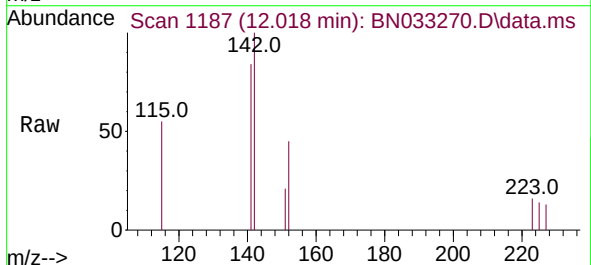
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:152 Resp: 1547  
Ion Ratio Lower Upper  
152 100  
151 17.5 11.9 17.9

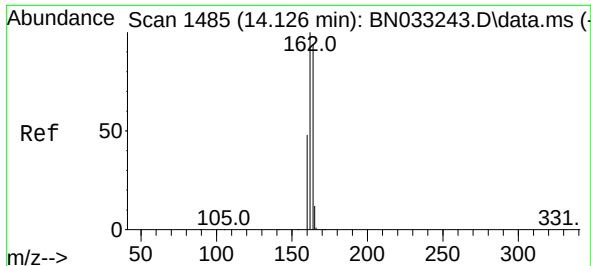


#12  
2-Methylnaphthalene  
Concen: 0.349 ng  
RT: 12.018 min Scan# 1187  
Delta R.T. 0.015 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

Tgt Ion:142 Resp: 1502  
Ion Ratio Lower Upper  
142 100  
141 84.1 68.7 103.1  
115 54.9 41.6 62.4



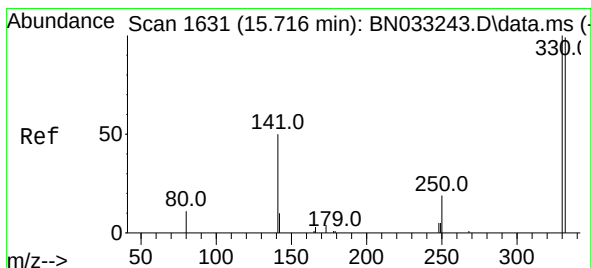
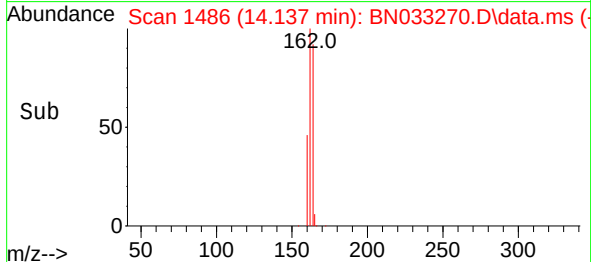
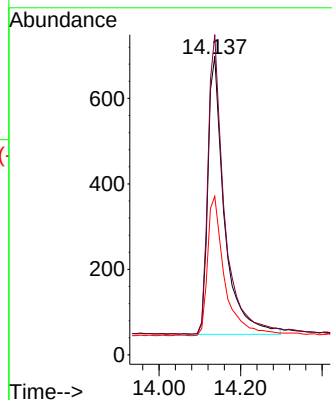
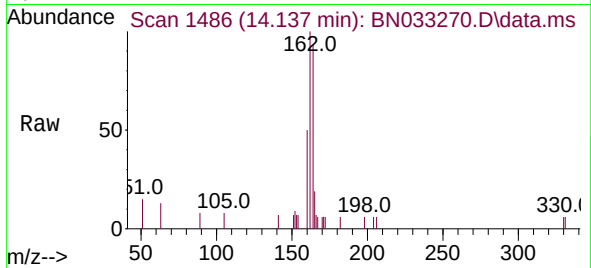




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.137 min Scan# 1485  
Delta R.T. 0.011 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

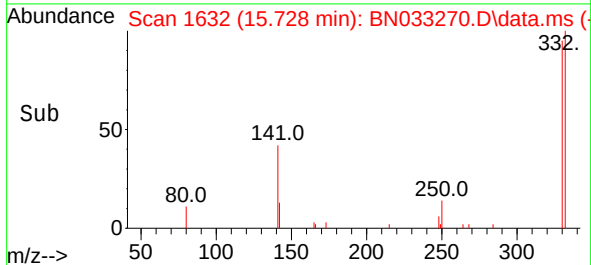
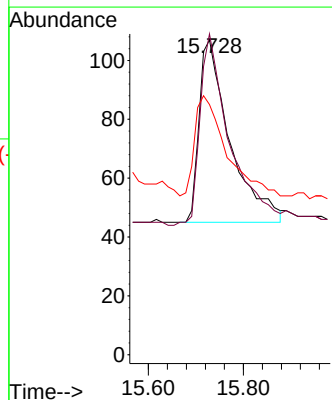
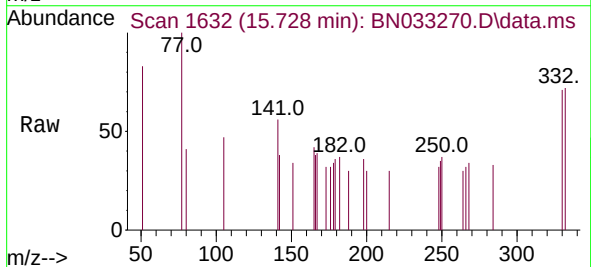
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

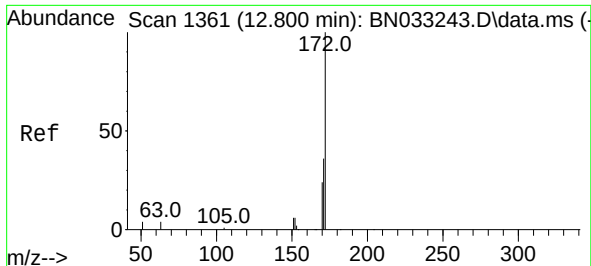
Tgt Ion:164 Resp: 1835  
Ion Ratio Lower Upper  
164 100  
162 107.3 84.6 127.0  
160 53.2 42.4 63.6



#14  
2,4,6-Tribromophenol  
Concen: 0.408 ng  
RT: 15.728 min Scan# 1632  
Delta R.T. 0.012 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

Tgt Ion:330 Resp: 279  
Ion Ratio Lower Upper  
330 100  
332 102.2 73.7 110.5  
141 55.9 44.8 67.2





#15

2-Fluorobiphenyl

Concen: 0.404 ng

RT: 12.822 min Scan# 1461

Delta R.T. 0.021 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

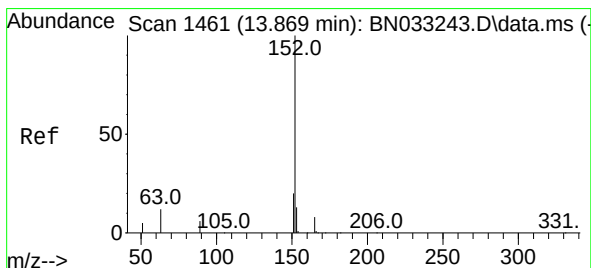
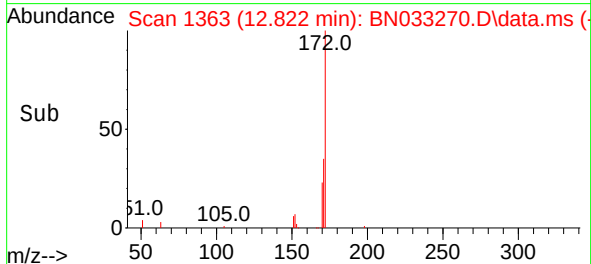
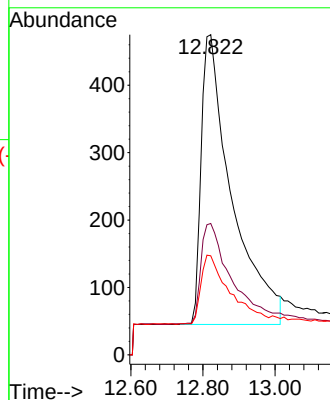
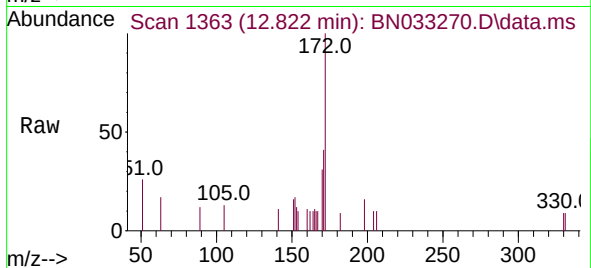
Tgt Ion:172 Resp: 2533

Ion Ratio Lower Upper

172 100

171 41.1 32.3 48.5

170 30.9 23.4 35.2



#16

Acenaphthylene

Concen: 0.396 ng

RT: 13.880 min Scan# 1462

Delta R.T. 0.011 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

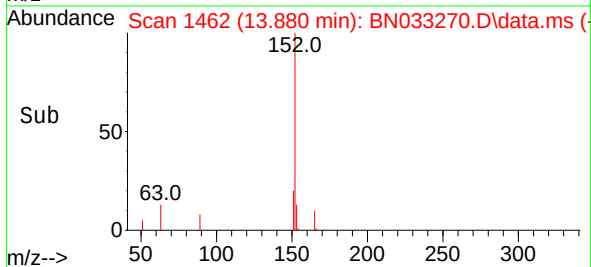
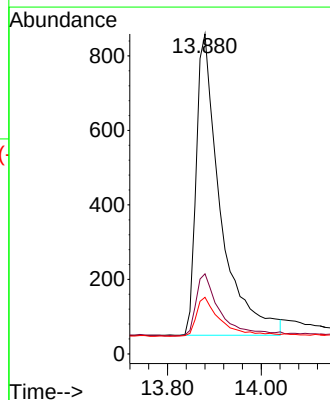
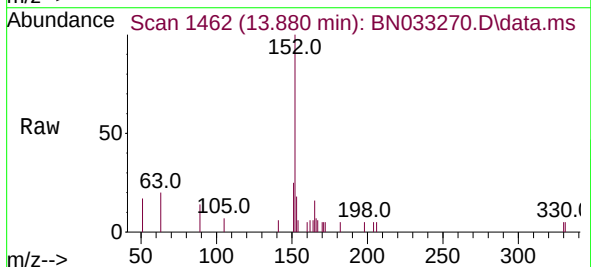
Tgt Ion:152 Resp: 2900

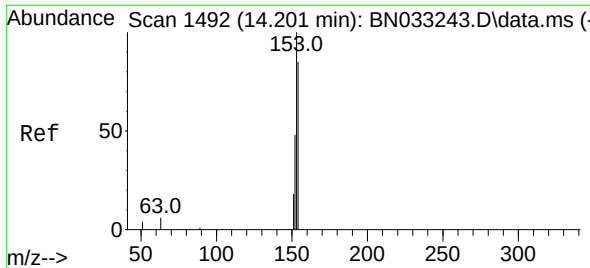
Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.2 10.2 15.2

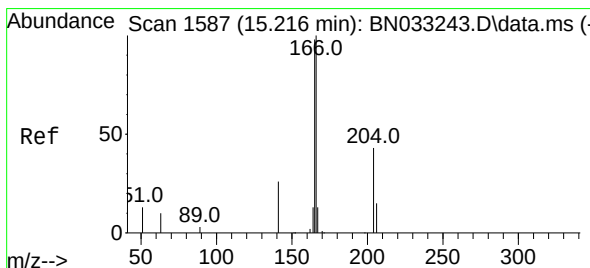
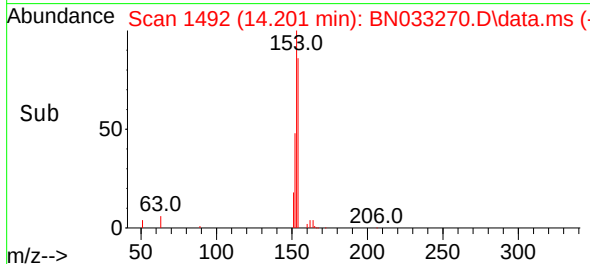
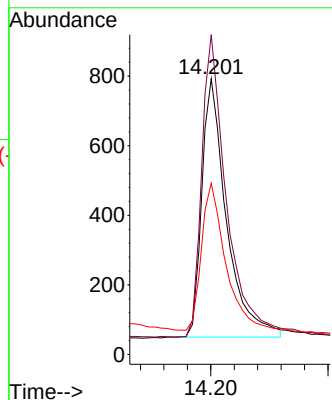
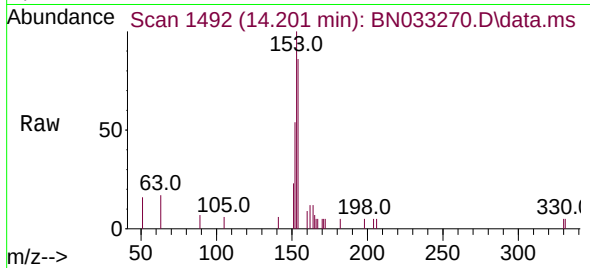




#17  
Acenaphthene  
Concen: 0.411 ng  
RT: 14.201 min Scan# 1492  
Delta R.T. -0.000 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

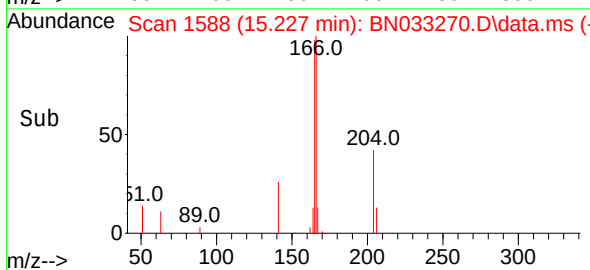
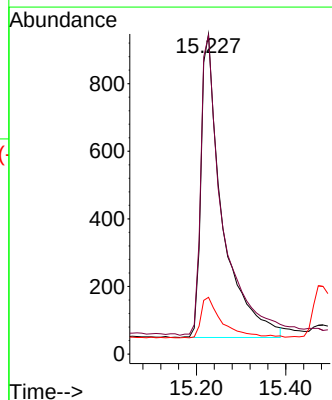
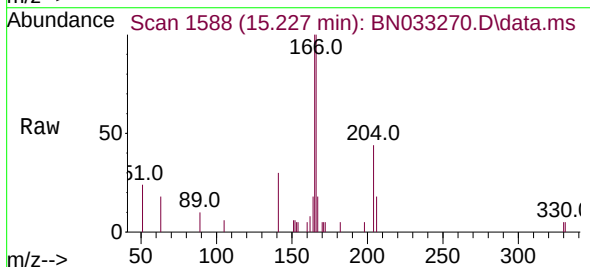
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

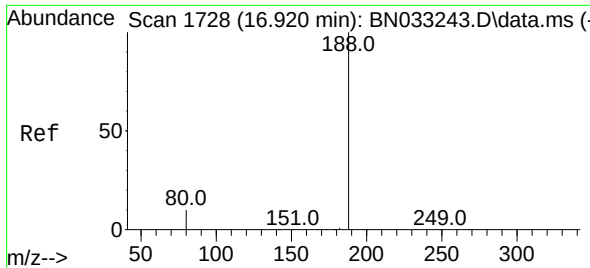
Tgt Ion:154 Resp: 2173  
Ion Ratio Lower Upper  
154 100  
153 117.4 92.7 139.1  
152 54.9 44.0 66.0



#18  
Fluorene  
Concen: 0.414 ng  
RT: 15.227 min Scan# 1588  
Delta R.T. 0.011 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

Tgt Ion:166 Resp: 2960  
Ion Ratio Lower Upper  
166 100  
165 100.1 79.6 119.4  
167 13.2 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.920 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

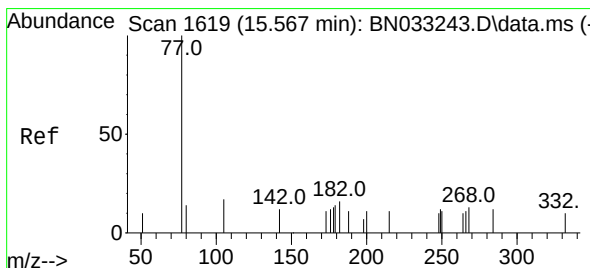
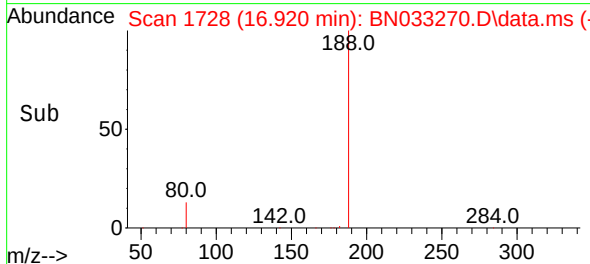
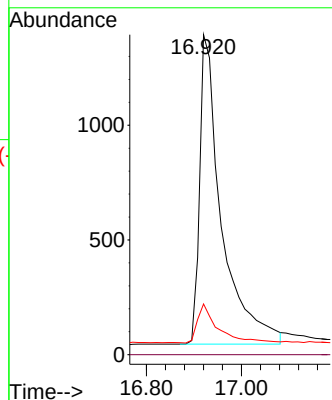
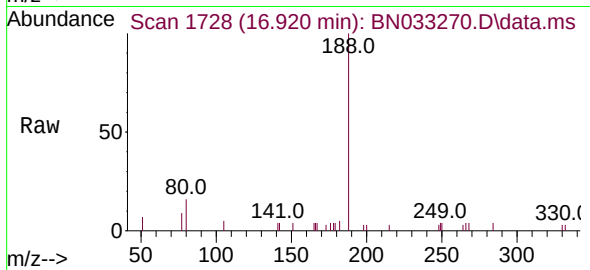
Tgt Ion:188 Resp: 4309

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.8 10.2 15.4#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.411 ng

RT: 15.604 min Scan# 1622

Delta R.T. 0.037 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

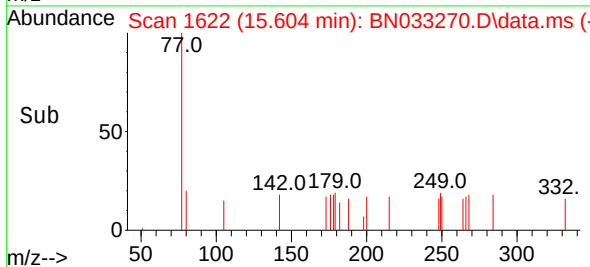
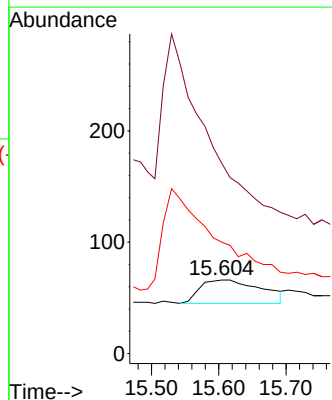
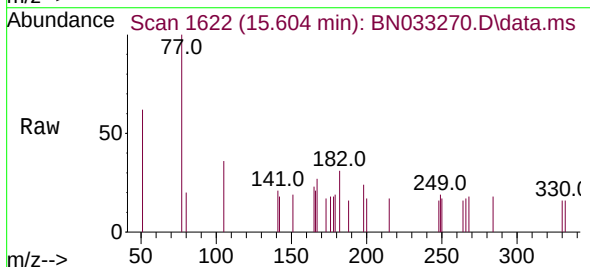
Tgt Ion:198 Resp: 133

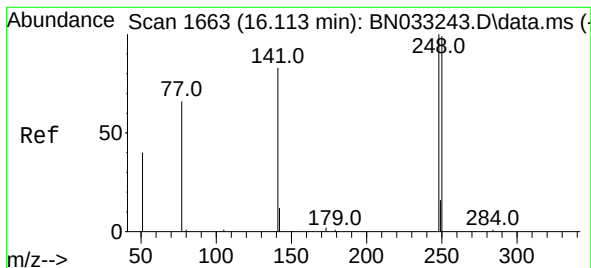
Ion Ratio Lower Upper

198 100

51 259.1 250.6 375.8

105 151.5 152.6 229.0#

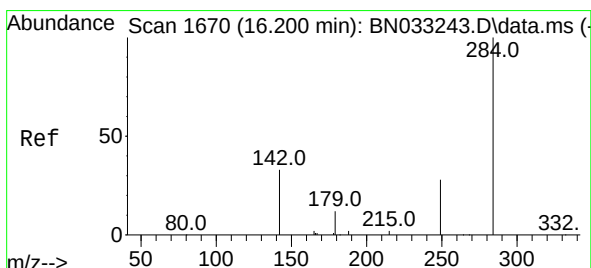
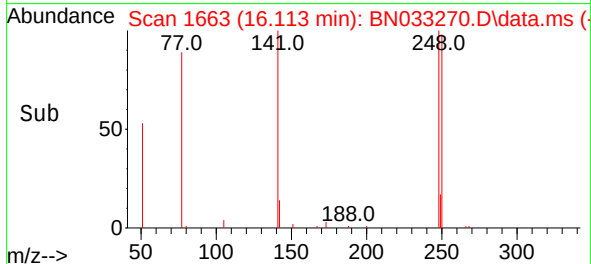
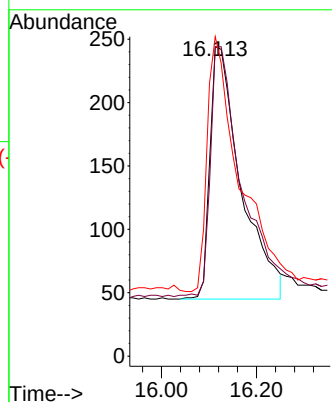
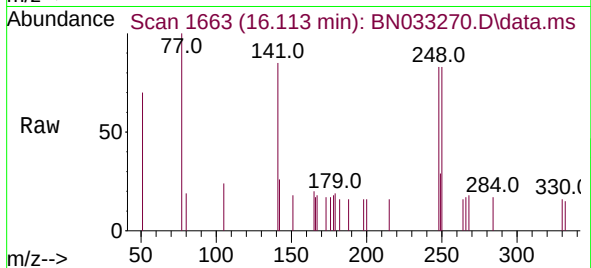




#21  
4-Bromophenyl-phenylether  
Concen: 0.395 ng  
RT: 16.113 min Scan# 1663  
Delta R.T. -0.000 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

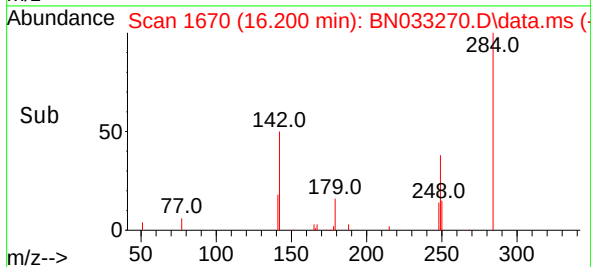
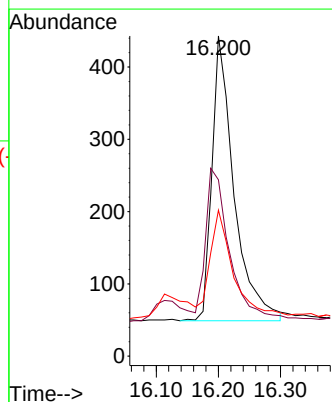
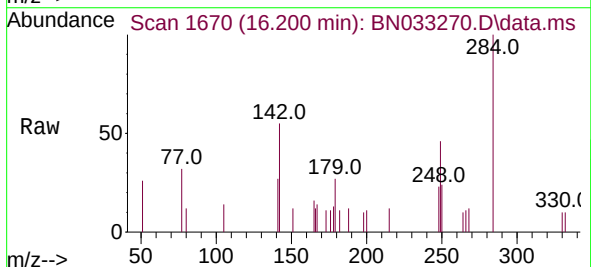
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

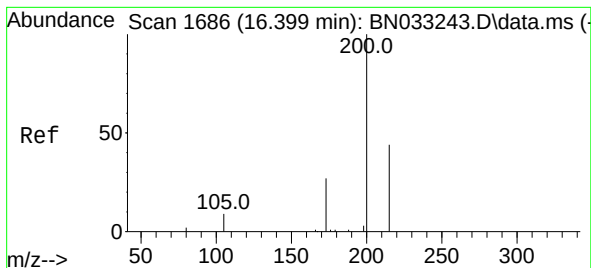
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 904   |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 100.0 | 80.0  | 120.0 |
| 141      | 103.3 | 71.0  | 106.6 |



#22  
Hexachlorobenzene  
Concen: 0.407 ng  
RT: 16.200 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 971   |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 54.7  | 38.8  | 58.2  |
| 249      | 35.6  | 27.8  | 41.6  |





#23

Atrazine

Concen: 0.368 ng

RT: 16.411 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

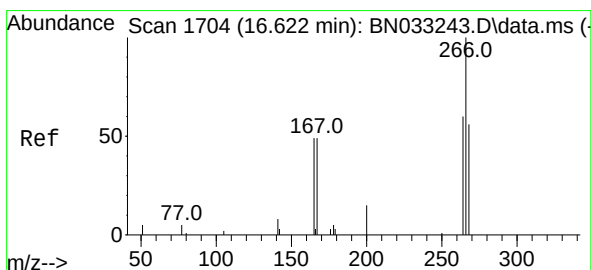
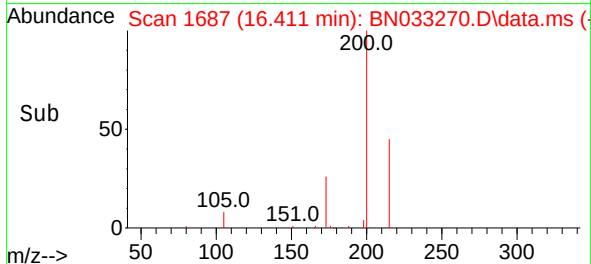
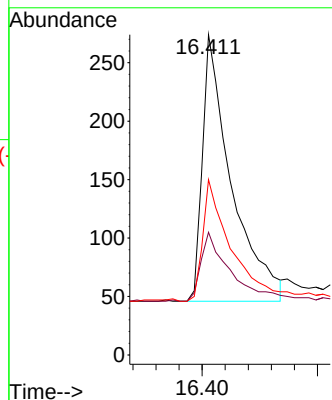
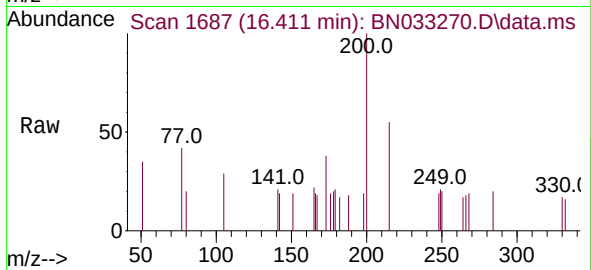
Tgt Ion:200 Resp: 792

Ion Ratio Lower Upper

200 100

173 38.3 29.2 43.8

215 54.7 41.5 62.3



#24

Pentachlorophenol

Concen: 0.386 ng

RT: 16.635 min Scan# 1705

Delta R.T. 0.013 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

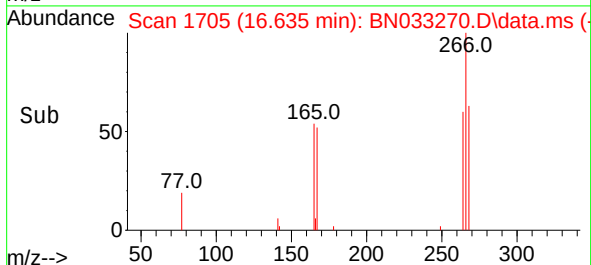
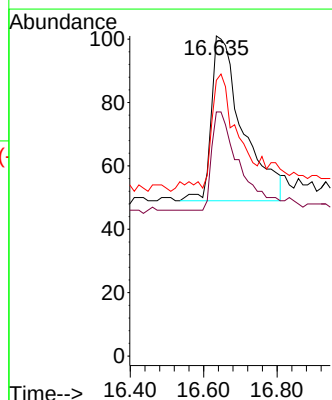
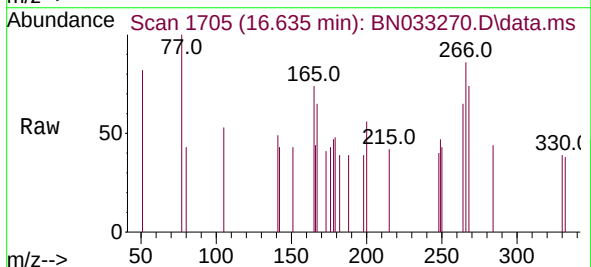
Tgt Ion:266 Resp: 308

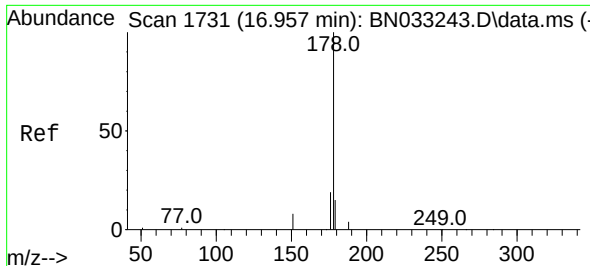
Ion Ratio Lower Upper

266 100

264 53.2 49.3 73.9

268 53.6 50.2 75.2

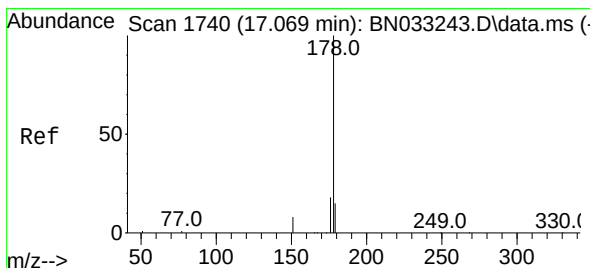
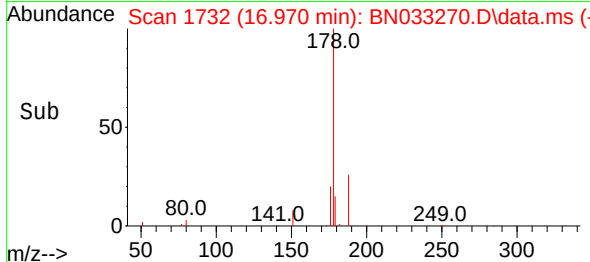
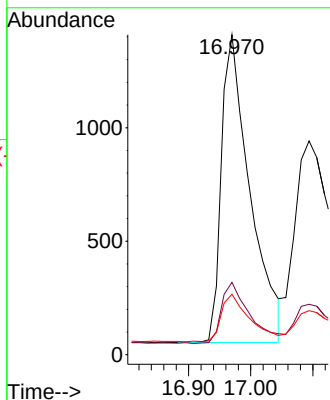
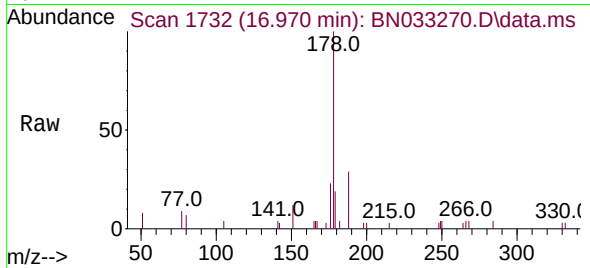




#25  
Phenanthrene  
Concen: 0.373 ng  
RT: 16.970 min Scan# 1731  
Delta R.T. 0.013 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

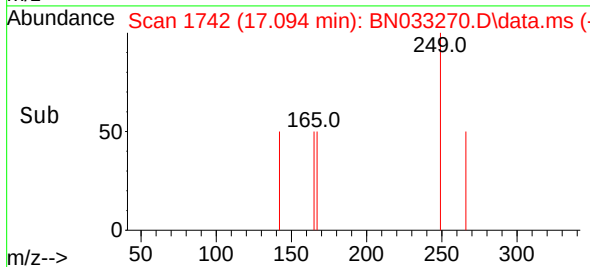
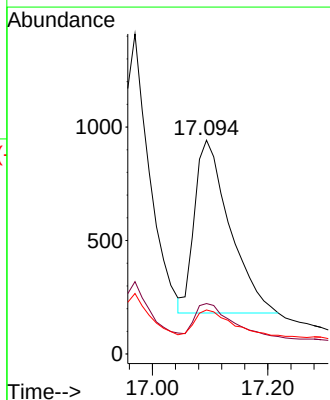
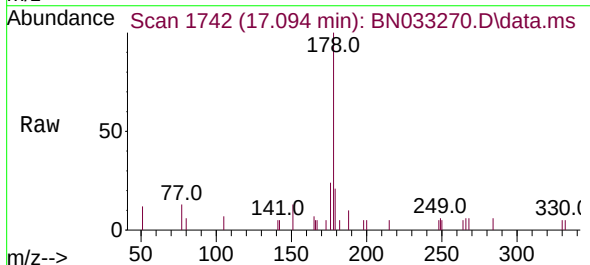
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

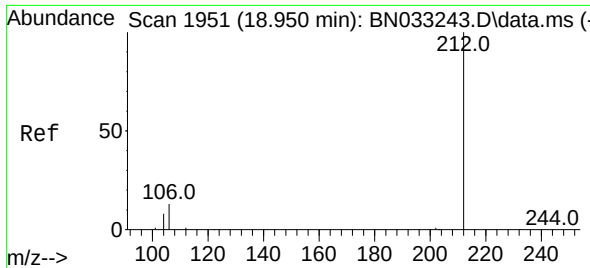
Tgt Ion:178 Resp: 4329  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.7 23.5  
179 15.5 12.4 18.6



#26  
Anthracene  
Concen: 0.331 ng  
RT: 17.094 min Scan# 1742  
Delta R.T. 0.025 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

Tgt Ion:178 Resp: 3217  
Ion Ratio Lower Upper  
178 100  
176 18.9 10.5 15.7#  
179 14.5 8.6 12.8#

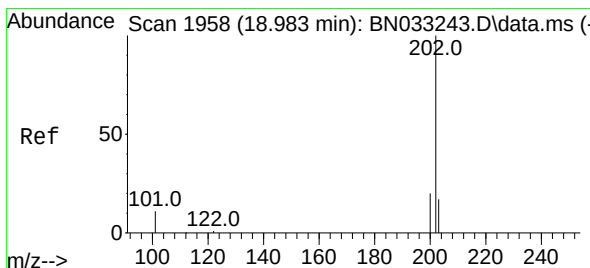
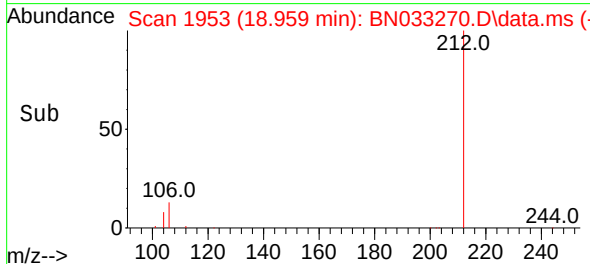
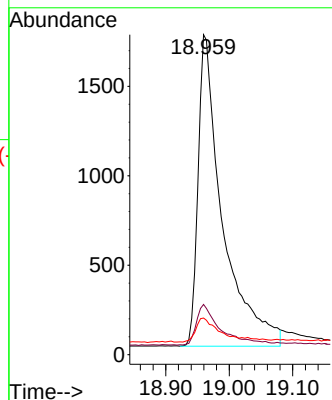
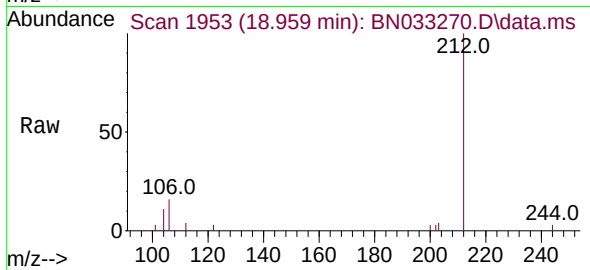




#27  
Fluoranthene-d10  
Concen: 0.386 ng  
RT: 18.959 min Scan# 1953  
Delta R.T. 0.009 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

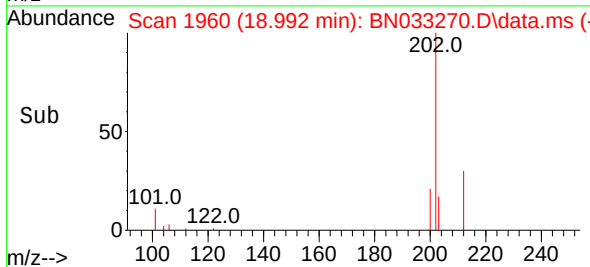
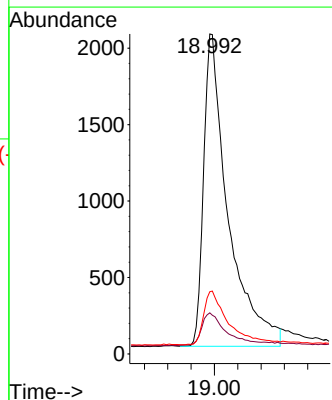
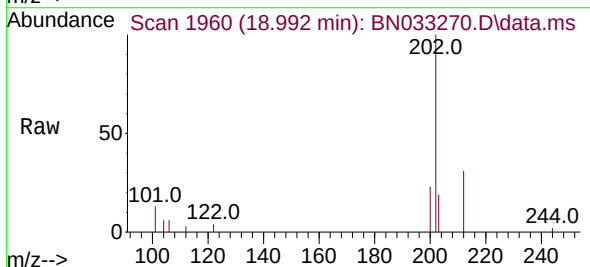
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:212 Resp: 4650  
Ion Ratio Lower Upper  
212 100  
106 12.9 11.4 17.0  
104 8.3 7.1 10.7

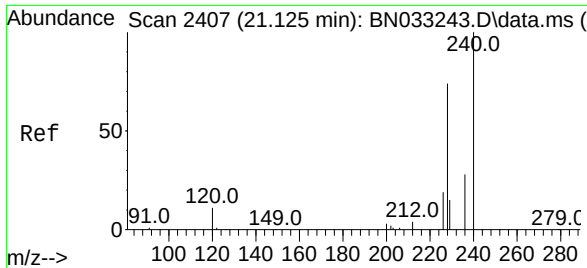


#28  
Fluoranthene  
Concen: 0.376 ng  
RT: 18.992 min Scan# 1960  
Delta R.T. 0.009 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

Tgt Ion:202 Resp: 5973  
Ion Ratio Lower Upper  
202 100  
101 11.1 8.6 13.0  
203 17.3 13.8 20.8



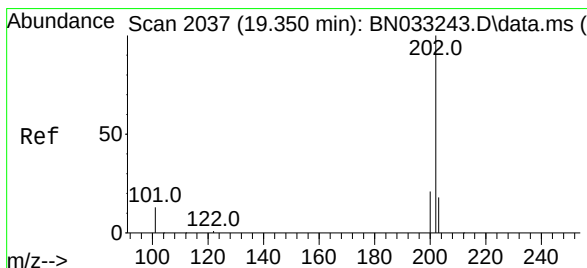
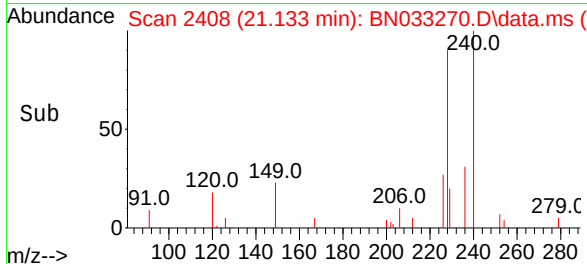
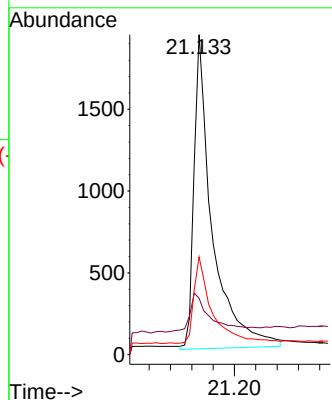
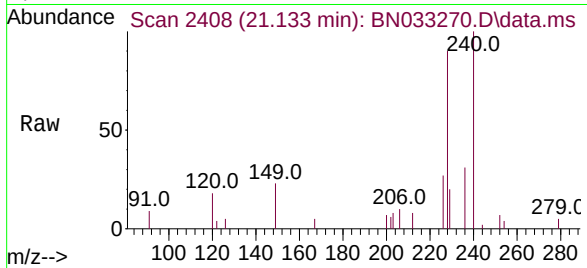




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.133 min Scan# 2408  
Delta R.T. 0.008 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

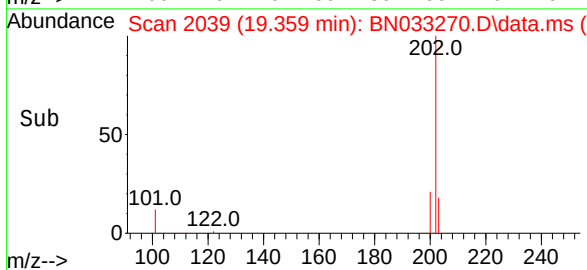
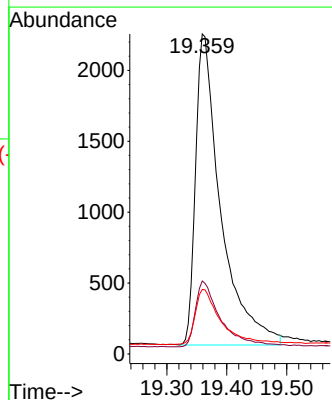
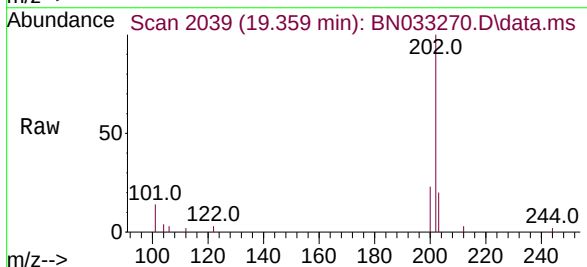
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

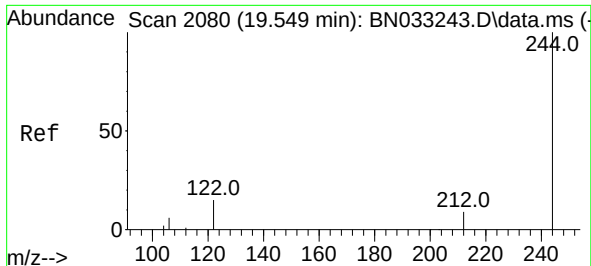
Tgt Ion:240 Resp: 4566  
Ion Ratio Lower Upper  
240 100  
120 17.6 13.3 19.9  
236 30.5 23.8 35.6



#30  
Pyrene  
Concen: 0.401 ng  
RT: 19.359 min Scan# 2039  
Delta R.T. 0.009 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

Tgt Ion:202 Resp: 6406  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.4  
203 18.6 14.4 21.6

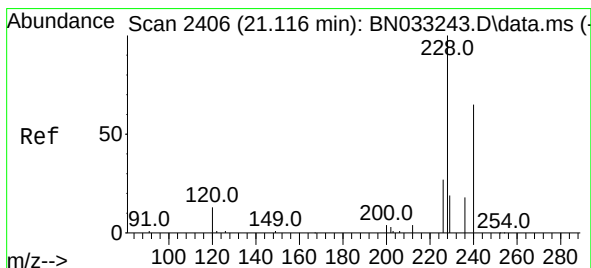
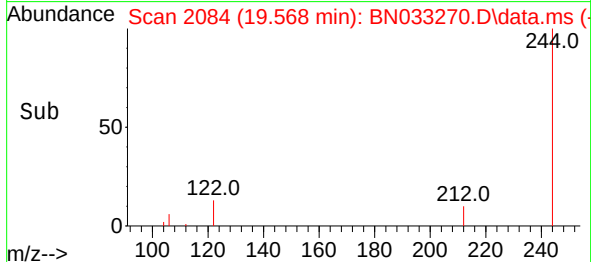
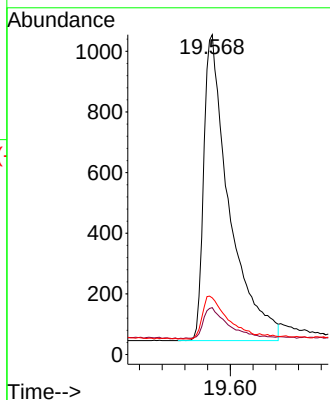
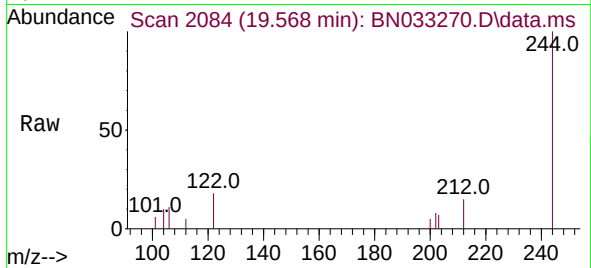




#31  
 Terphenyl-d14  
 Concen: 0.396 ng  
 RT: 19.568 min Scan# 2084  
 Delta R.T. 0.019 min  
 Lab File: BN033270.D  
 Acq: 06 Aug 2024 13:04

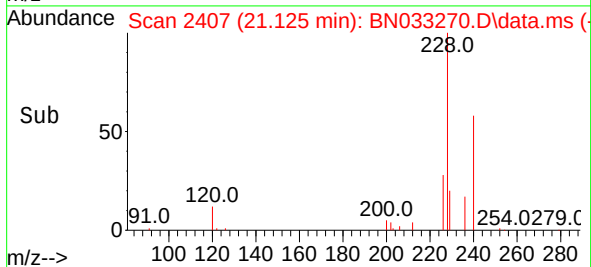
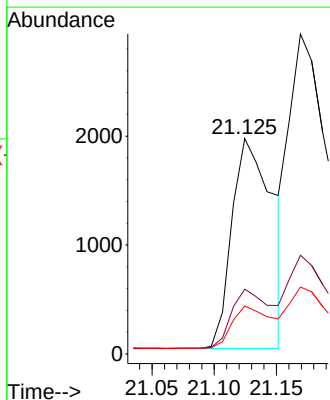
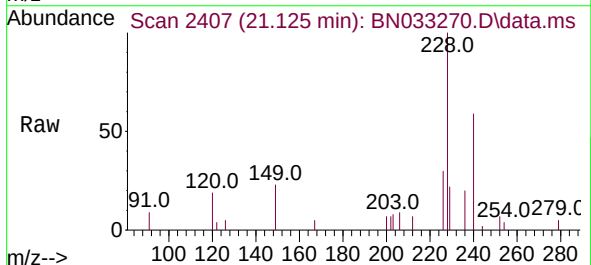
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

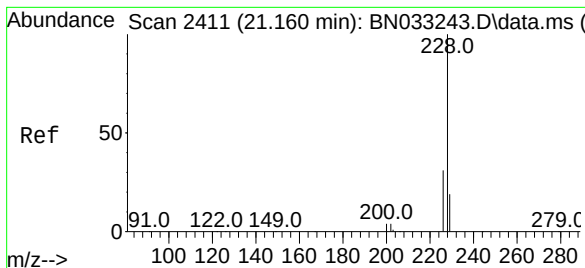
Tgt Ion:244 Resp: 3127  
 Ion Ratio Lower Upper  
 244 100  
 212 14.7 9.9 14.9  
 122 17.7 14.1 21.1



#32  
 Benzo(a)anthracene  
 Concen: 0.334 ng  
 RT: 21.125 min Scan# 2407  
 Delta R.T. 0.009 min  
 Lab File: BN033270.D  
 Acq: 06 Aug 2024 13:04

Tgt Ion:228 Resp: 4394  
 Ion Ratio Lower Upper  
 228 100  
 226 30.1 22.4 33.6  
 229 22.3 16.6 25.0





#33

Chrysene

Concen: 0.427 ng

RT: 21.169 min Scan# 2411

Delta R.T. 0.009 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

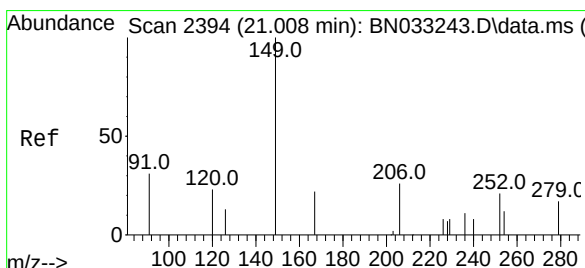
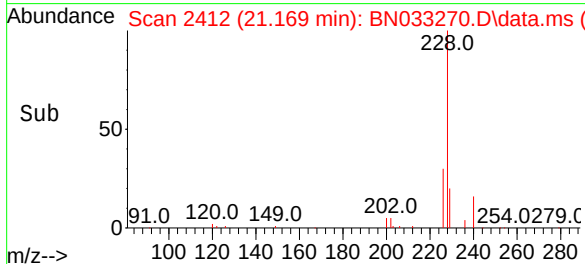
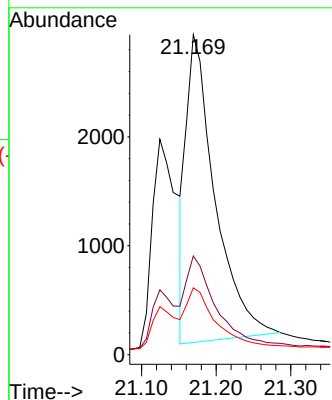
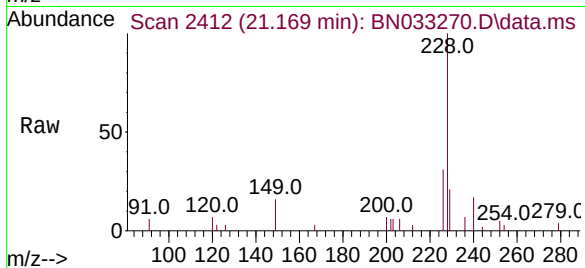
Tgt Ion:228 Resp: 7545

Ion Ratio Lower Upper

228 100

226 30.9 25.1 37.7

229 20.9 16.2 24.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.414 ng

RT: 21.008 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

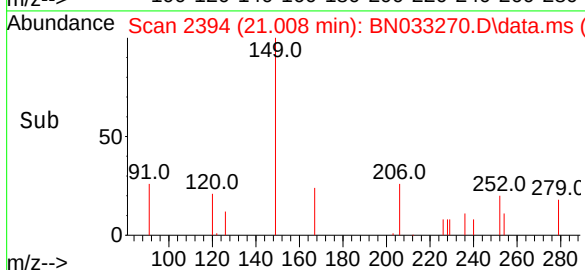
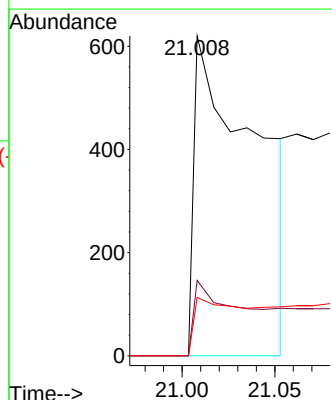
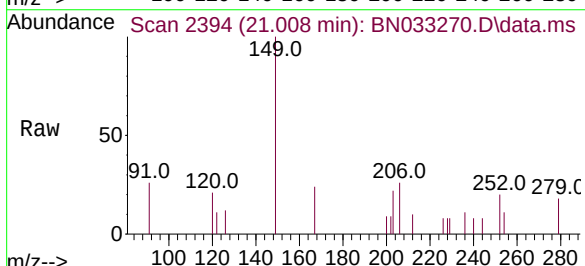
Tgt Ion:149 Resp: 1308

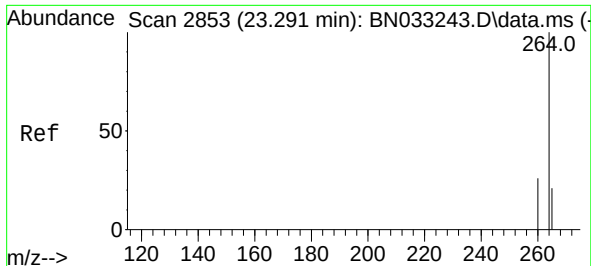
Ion Ratio Lower Upper

149 100

167 18.1 19.8 29.6#

279 13.3 8.2 12.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.303 min Scan# 2857

Delta R.T. 0.012 min

Lab File: BN033270.D

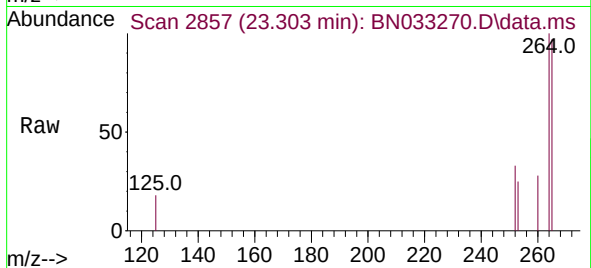
Acq: 06 Aug 2024 13:04

Instrument :

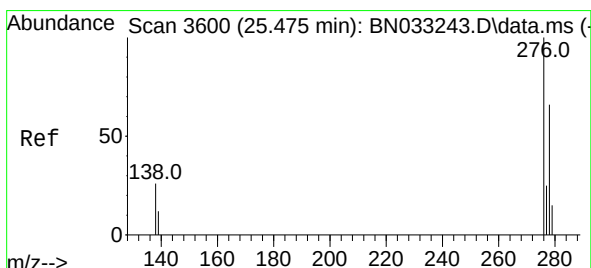
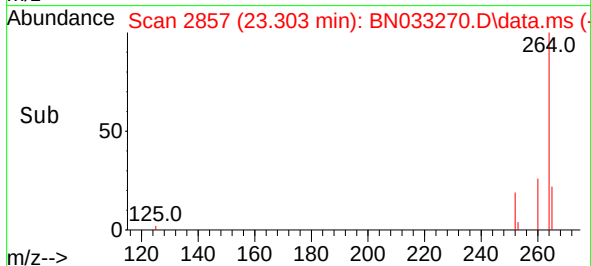
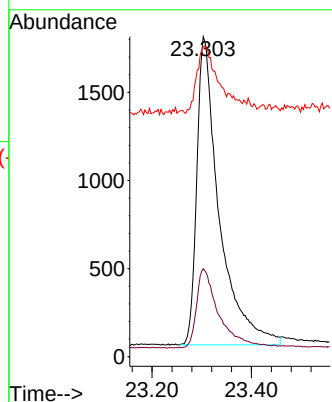
BNA\_N

ClientSampleId :

SSTDCCC0.4



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 264   | Resp: | 5464 |
| Ion Ratio | Lower | Upper |      |
| 264       | 100   |       |      |
| 260       | 27.5  | 21.4  | 32.2 |
| 265       | 96.8  | 66.6  | 99.8 |



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.362 ng

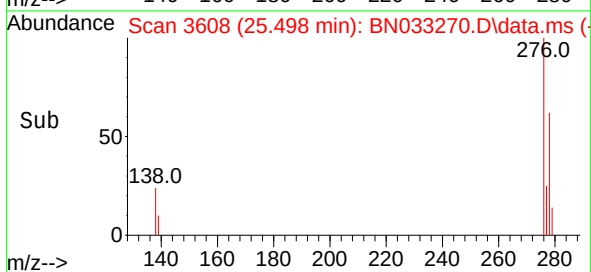
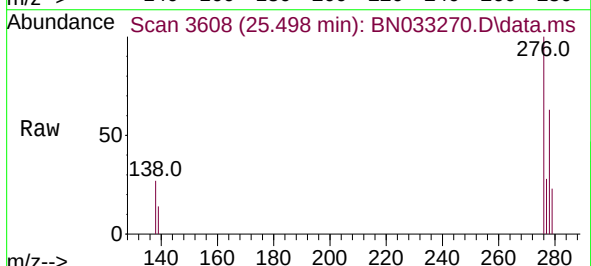
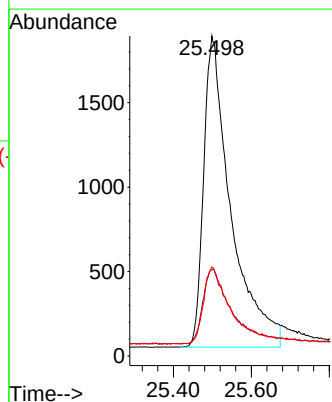
RT: 25.498 min Scan# 3608

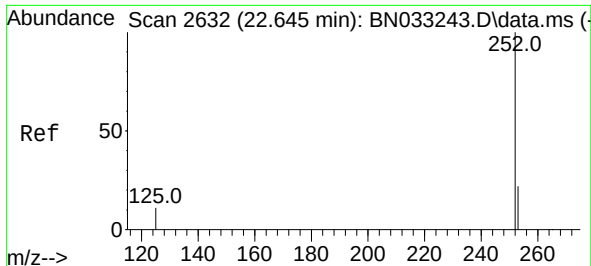
Delta R.T. 0.023 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 8936 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 138       | 24.0  | 20.4  | 30.6 |
| 277       | 24.4  | 19.9  | 29.9 |





#37

Benzo(b)fluoranthene

Concen: 0.374 ng

RT: 22.660 min Scan# 2637

Delta R.T. 0.015 min

Lab File: BN033270.D

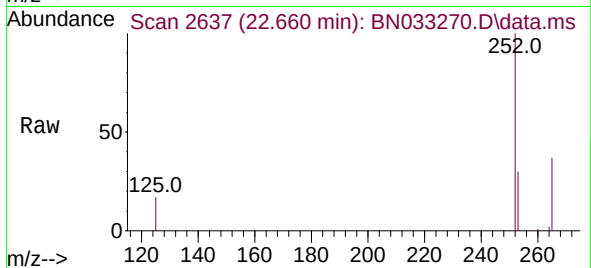
Acq: 06 Aug 2024 13:04

Instrument :

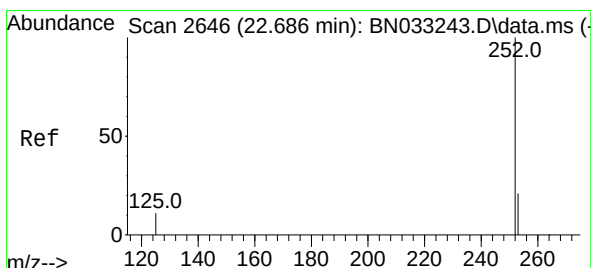
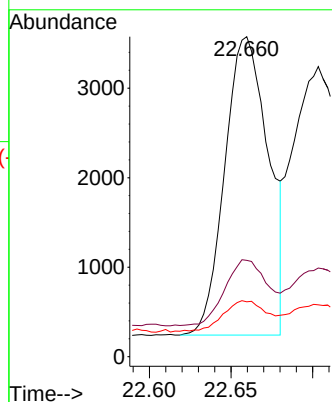
BNA\_N

ClientSampleId :

SSTDCCC0.4



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 6197 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 30.1  | 23.3  | 34.9 |
| 125       | 17.1  | 14.6  | 22.0 |



#38

Benzo(k)fluoranthene

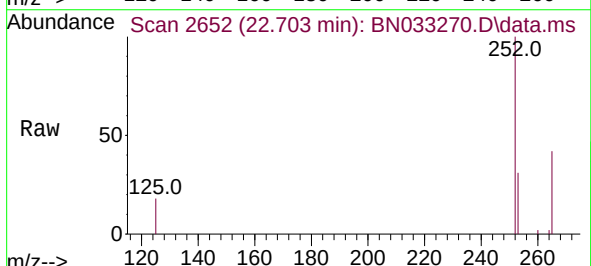
Concen: 0.400 ng

RT: 22.703 min Scan# 2652

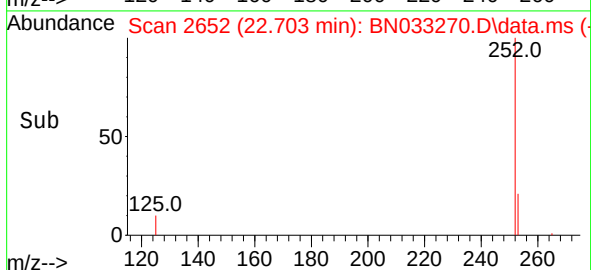
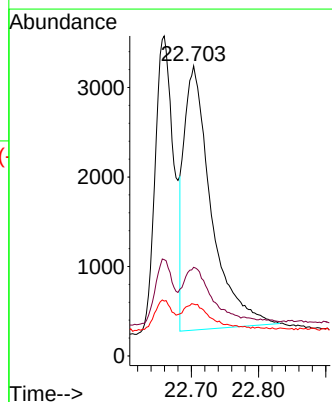
Delta R.T. 0.017 min

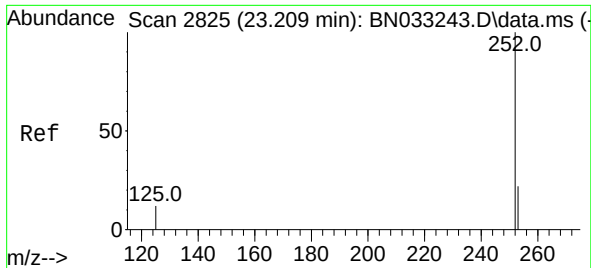
Lab File: BN033270.D

Acq: 06 Aug 2024 13:04



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 8292 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 30.5  | 23.7  | 35.5 |
| 125       | 17.9  | 15.4  | 23.0 |





#39

Benzo(a)pyrene

Concen: 0.409 ng

RT: 23.233 min Scan# 21

Delta R.T. 0.024 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

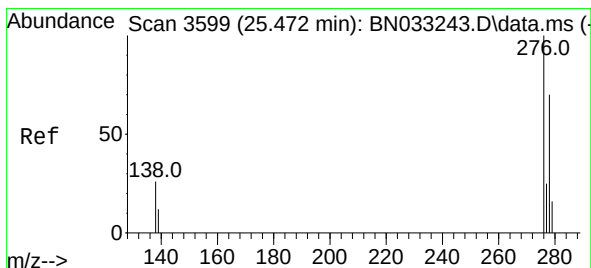
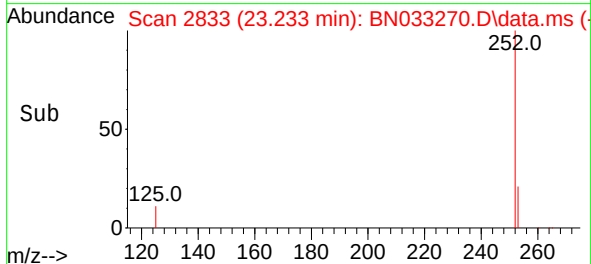
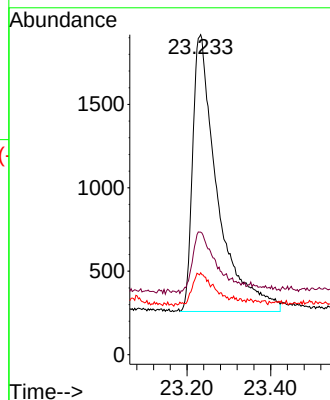
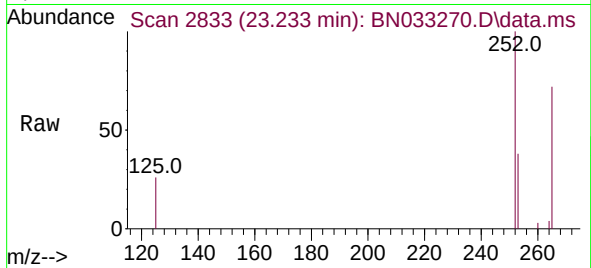
Tgt Ion:252 Resp: 6810

Ion Ratio Lower Upper

252 100

253 38.3 28.4 42.6

125 25.6 20.1 30.1



#40

Dibenzo(a,h)anthracene

Concen: 0.359 ng

RT: 25.507 min Scan# 3611

Delta R.T. 0.035 min

Lab File: BN033270.D

Acq: 06 Aug 2024 13:04

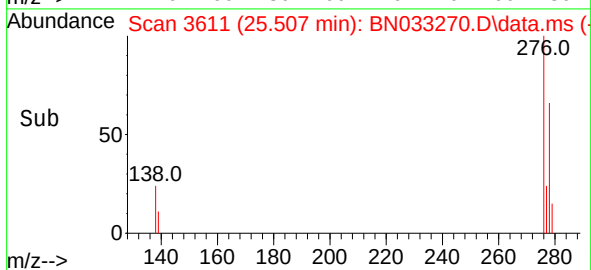
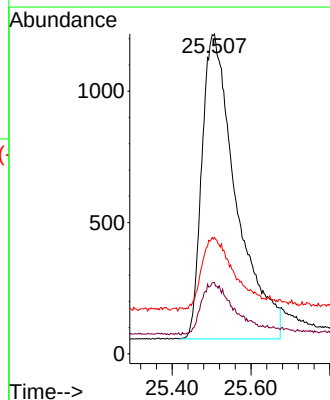
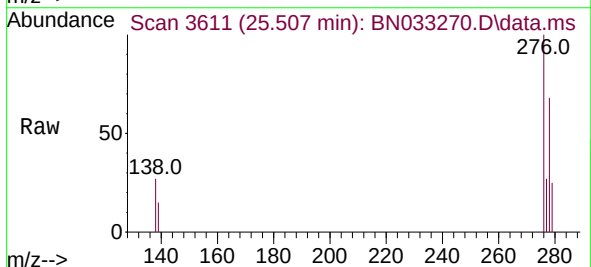
Tgt Ion:278 Resp: 7000

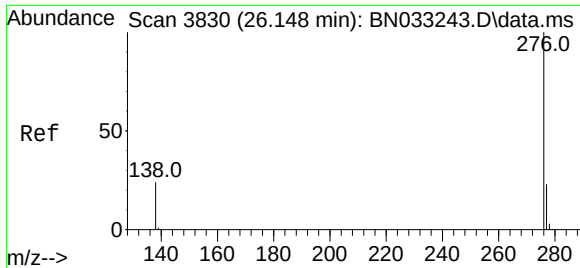
Ion Ratio Lower Upper

278 100

139 22.3 16.7 25.1

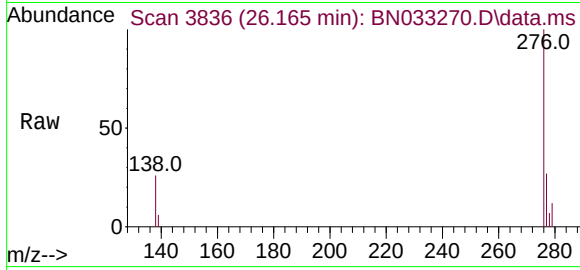
279 36.5 25.0 37.6





#41  
Benzo(g,h,i)perylene  
Concen: 0.132 ng  
RT: 26.165 min Scan# 31  
Delta R.T. 0.017 min  
Lab File: BN033270.D  
Acq: 06 Aug 2024 13:04

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 2950  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 27.2  | 21.0  | 31.4  |
| 138      | 25.8  | 21.4  | 32.0  |

