

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082324\  
 Data File : BN033582.D  
 Acq On : 23 Aug 2024 09:48  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Aug 23 13:38:16 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 23 00:22:18 2024  
 Response via : Initial Calibration

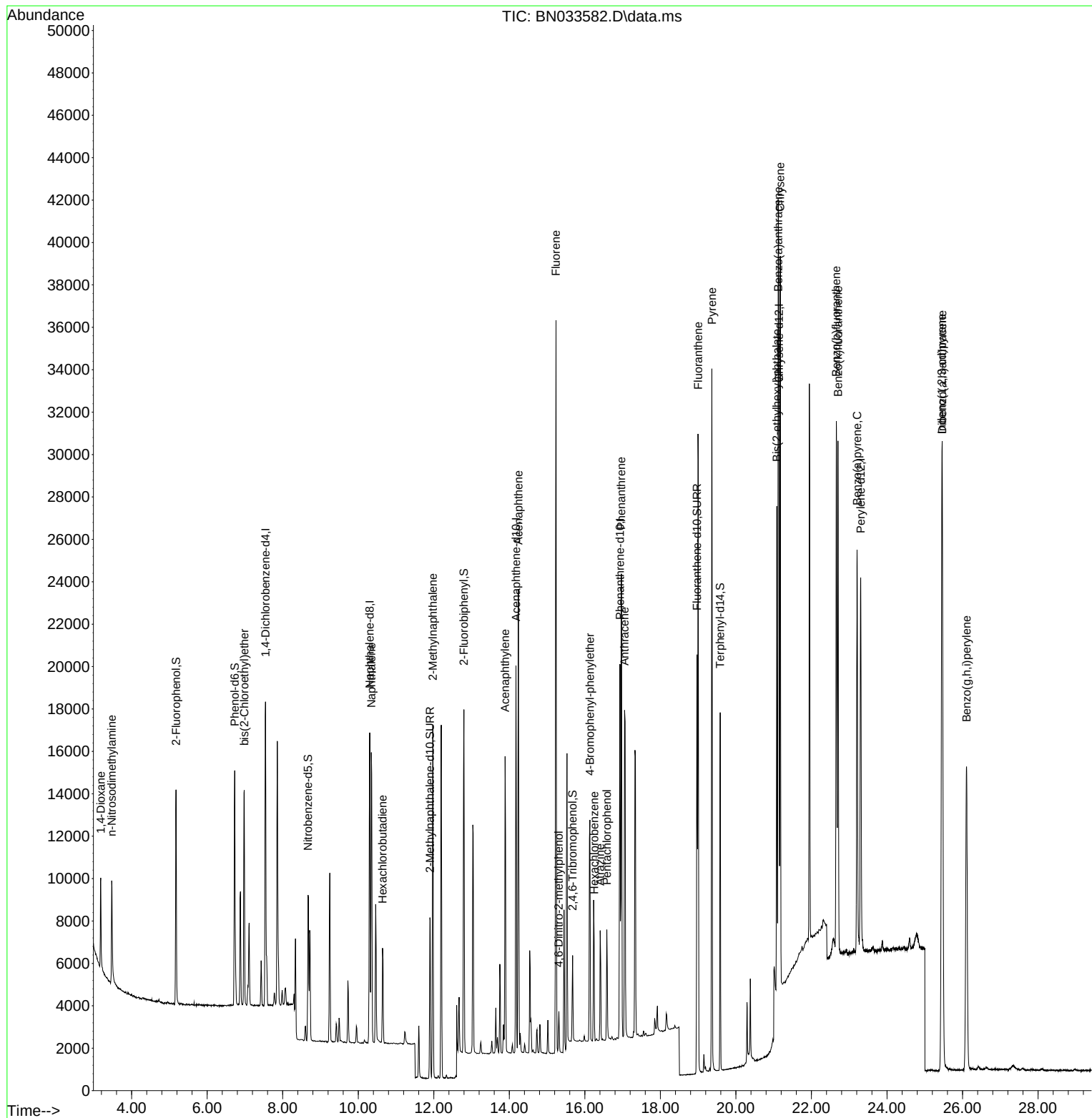
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.545  | 152  | 7007     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.304 | 136  | 18519    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.178 | 164  | 9756     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.929 | 188  | 21233    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.139 | 240  | 19542    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.306 | 264  | 22177    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.176  | 112  | 7822     | 0.351 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.729  | 99   | 9537     | 0.360 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.670  | 82   | 5644     | 0.367 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.899 | 152  | 9940     | 0.375 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.676 | 330  | 2093     | 0.399 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.799 | 172  | 14208    | 0.357 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.970 | 212  | 21144    | 0.414 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.583 | 244  | 15002    | 0.338 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.183  | 88   | 3102     | 0.385 | ng    | 93       |
| 3) n-Nitrosodimethylamine     | 3.471  | 42   | 3090     | 0.330 | ng    | # 99     |
| 6) bis(2-Chloroethyl)ether    | 6.981  | 93   | 7079     | 0.377 | ng    | 99       |
| 9) Naphthalene                | 10.346 | 128  | 18130    | 0.366 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.645 | 225  | 3685     | 0.373 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 11.975 | 142  | 11497    | 0.367 | ng    | 99       |
| 16) Acenaphthylene            | 13.889 | 152  | 15033    | 0.351 | ng    | 100      |
| 17) Acenaphthene              | 14.242 | 154  | 10508    | 0.349 | ng    | 98       |
| 18) Fluorene                  | 15.236 | 166  | 13611    | 0.359 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.311 | 198  | 1295     | 0.391 | ng    | 94       |
| 21) 4-Bromophenyl-phenylether | 16.135 | 248  | 4554     | 0.353 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.247 | 284  | 5166     | 0.363 | ng    | 99       |
| 23) Atrazine                  | 16.408 | 200  | 3931     | 0.382 | ng    | 98       |
| 24) Pentachlorophenol         | 16.582 | 266  | 2455     | 0.398 | ng    | 98       |
| 25) Phenanthrene              | 16.966 | 178  | 21333    | 0.361 | ng    | 100      |
| 26) Anthracene                | 17.053 | 178  | 18975    | 0.363 | ng    | 99       |
| 28) Fluoranthene              | 18.998 | 202  | 26399    | 0.404 | ng    | 100      |
| 30) Pyrene                    | 19.365 | 202  | 28003    | 0.321 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.121 | 228  | 26910    | 0.381 | ng    | 100      |
| 33) Chrysene                  | 21.175 | 228  | 26060    | 0.371 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.085 | 149  | 20728    | 0.463 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.454 | 276  | 32901    | 0.357 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.659 | 252  | 29428    | 0.355 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.703 | 252  | 27836    | 0.341 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.209 | 252  | 24756    | 0.361 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 25.466 | 278  | 26225    | 0.356 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.106 | 276  | 27657    | 0.351 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

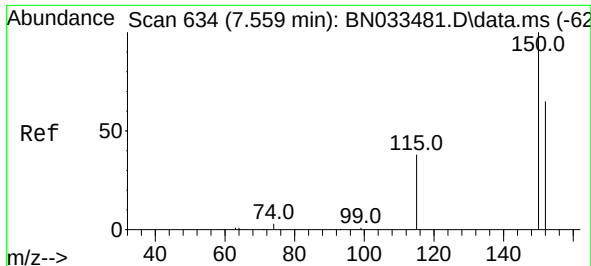
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 23 00:22:18 2024  
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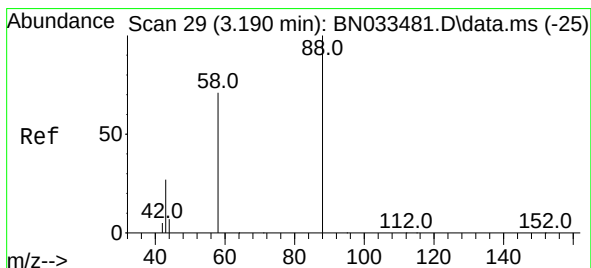
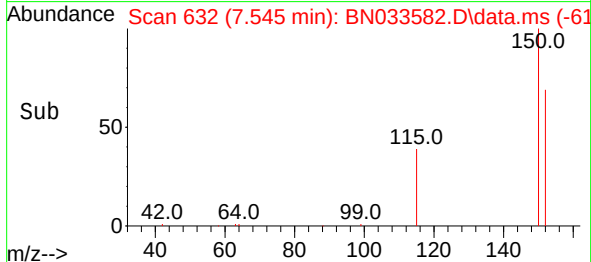
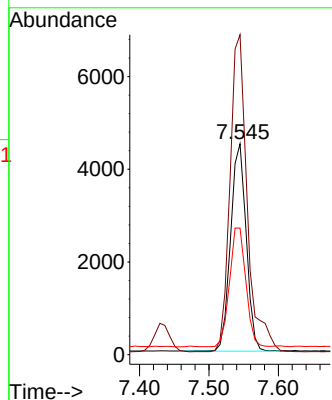
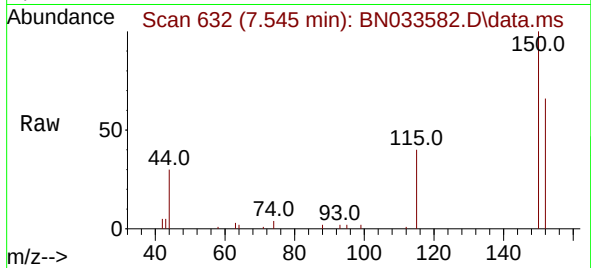




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.545 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN033582.D  
 Acq: 23 Aug 2024 09:48

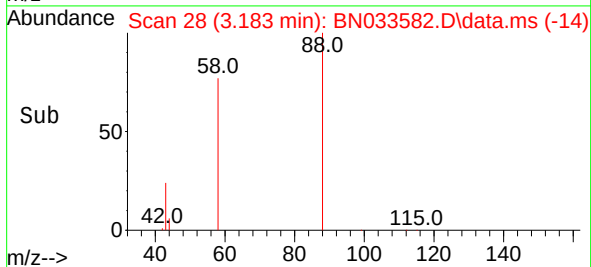
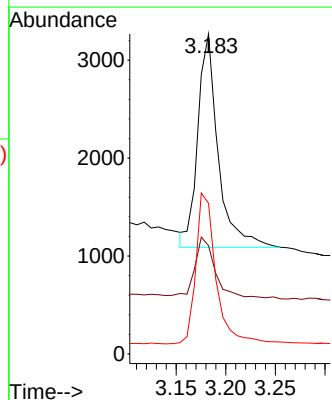
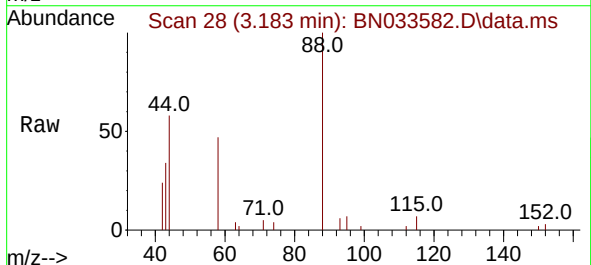
Instrument :  
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 ClientSampleId :  
 SSTDCCC0.4

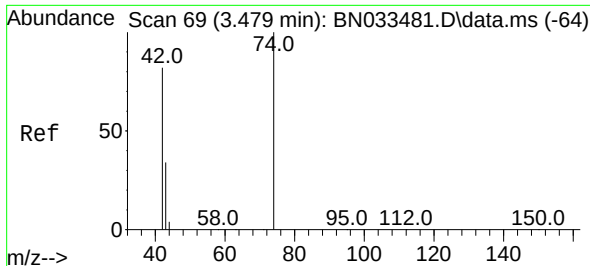
Tgt Ion:152 Resp: 7007  
 Ion Ratio Lower Upper  
 152 100  
 150 151.7 122.2 183.2  
 115 60.0 47.2 70.8



#2  
 1,4-Dioxane  
 Concen: 0.385 ng  
 RT: 3.183 min Scan# 28  
 Delta R.T. -0.000 min  
 Lab File: BN033582.D  
 Acq: 23 Aug 2024 09:48

Tgt Ion: 88 Resp: 3102  
 Ion Ratio Lower Upper  
 88 100  
 43 30.6 25.0 37.4  
 58 70.4 62.5 93.7

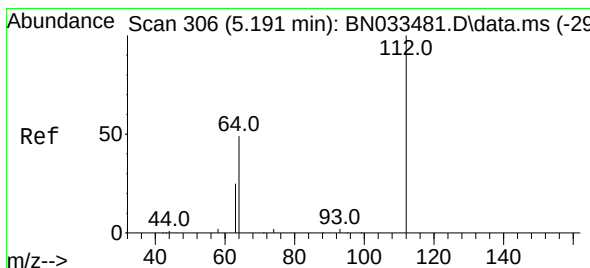
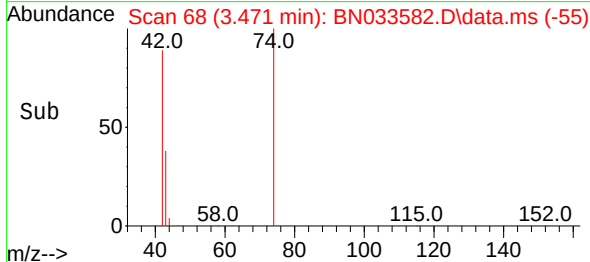
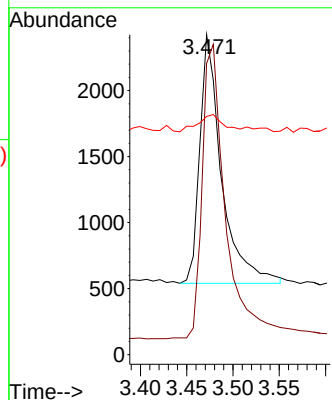
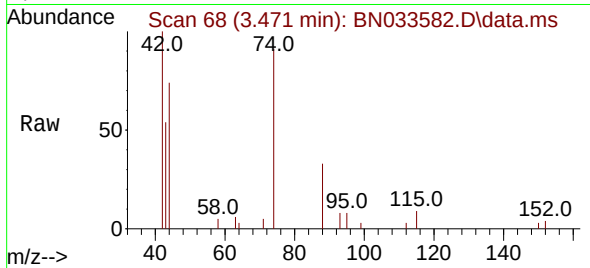




#3  
n-Nitrosodimethylamine  
Concen: 0.330 ng  
RT: 3.471 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

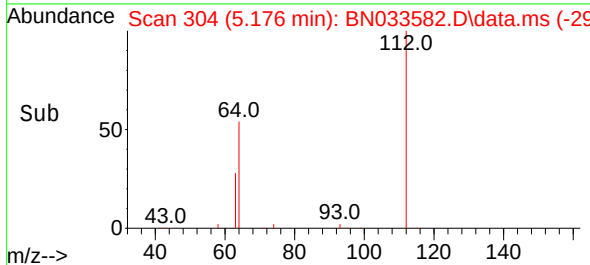
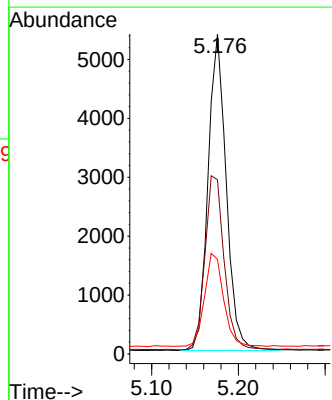
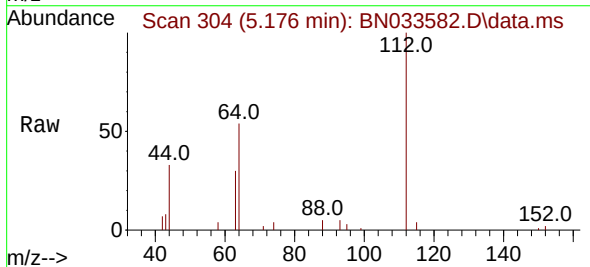
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

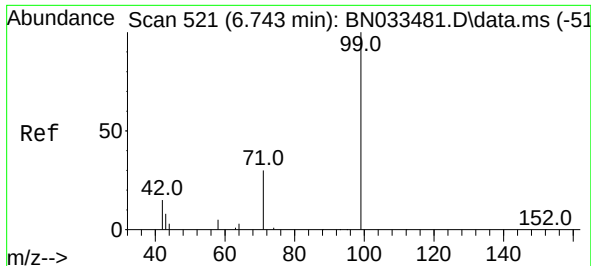
Tgt Ion: 42 Resp: 3090  
Ion Ratio Lower Upper  
42 100  
74 126.6 100.2 150.2  
44 8.0 5.3 7.9#



#4  
2-Fluorophenol  
Concen: 0.351 ng  
RT: 5.176 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

Tgt Ion: 112 Resp: 7822  
Ion Ratio Lower Upper  
112 100  
64 58.4 47.1 70.7  
63 30.6 24.9 37.3





#5

Phenol-d6

Concen: 0.360 ng

RT: 6.729 min Scan# 51

Delta R.T. -0.000 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

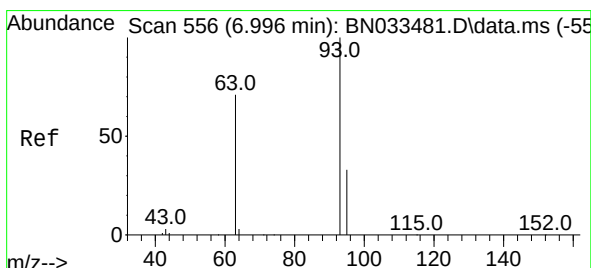
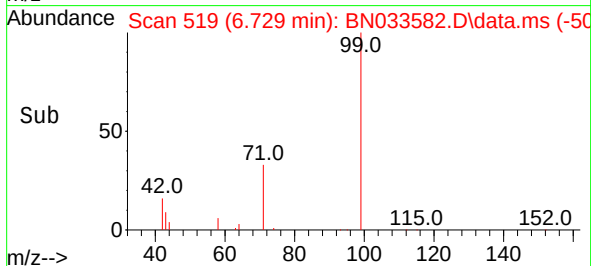
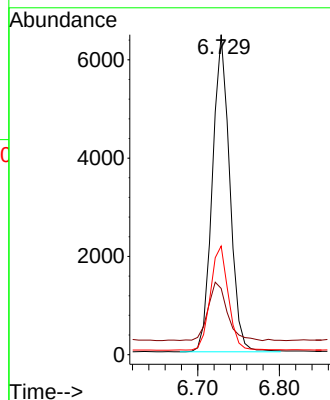
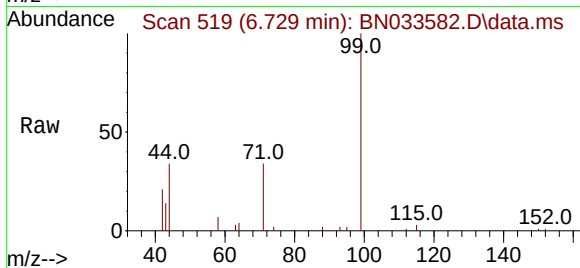
Tgt Ion: 99 Resp: 9537

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

71 34.0 26.2 39.4



#6

bis(2-Chloroethyl)ether

Concen: 0.377 ng

RT: 6.981 min Scan# 554

Delta R.T. -0.000 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

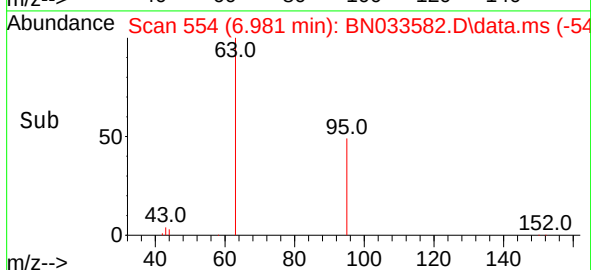
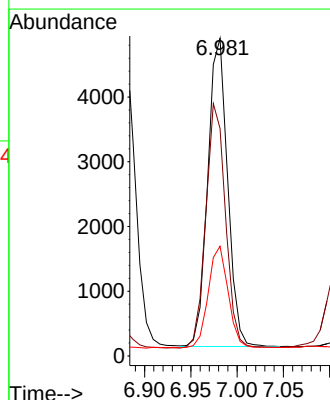
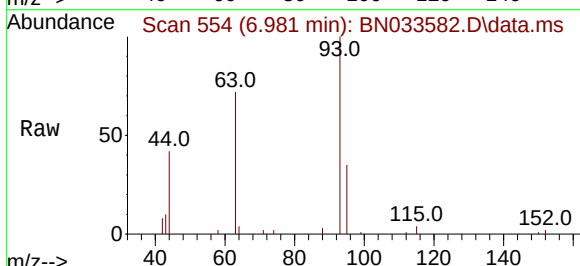
Tgt Ion: 93 Resp: 7079

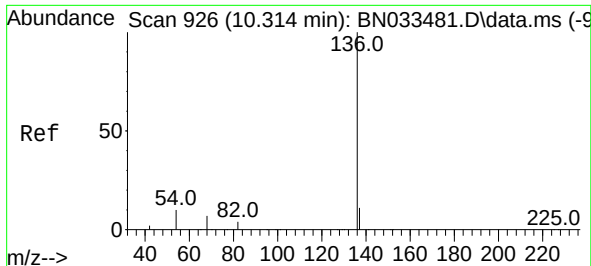
Ion Ratio Lower Upper

93 100

63 79.1 63.0 94.4

95 33.2 26.0 39.0

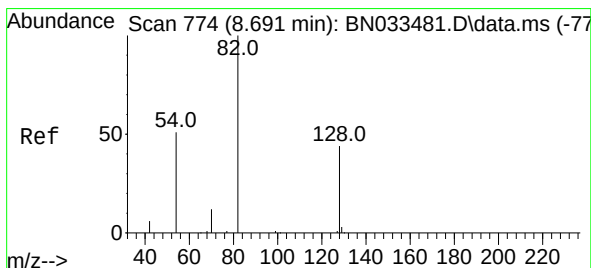
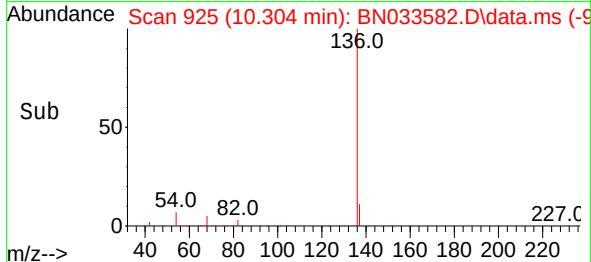
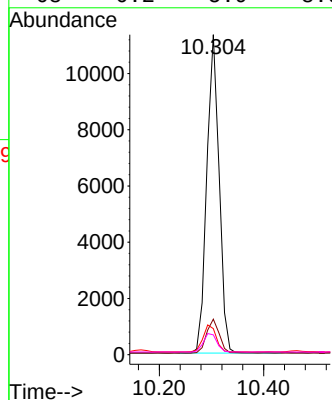
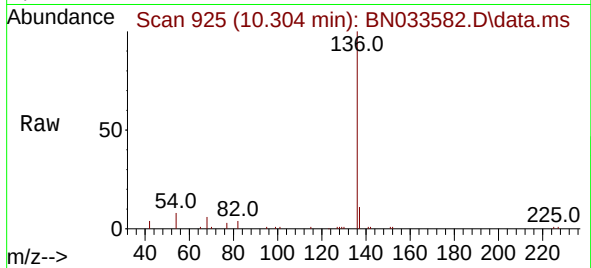




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.304 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

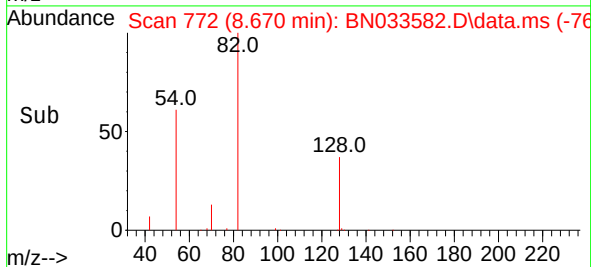
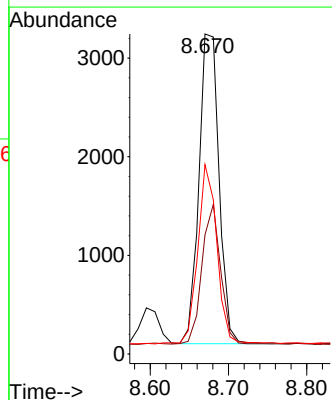
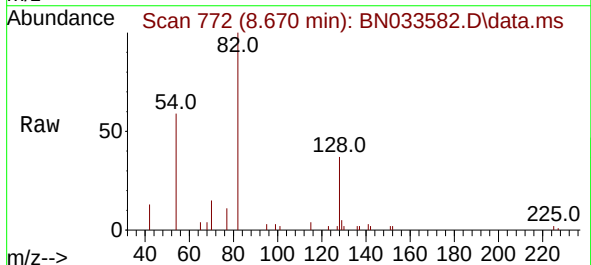
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

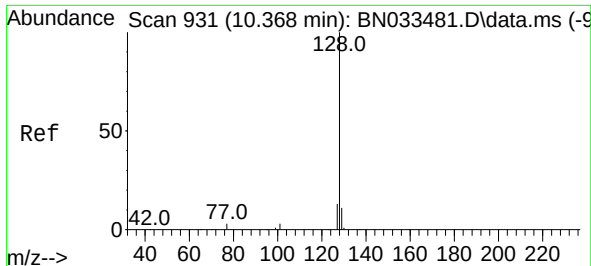
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 18519 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.1  | 9.0   | 13.6  |
| 54        | 8.1   | 8.3   | 12.5  |
| 68        | 6.2   | 5.9   | 8.9   |



#8  
Nitrobenzene-d5  
Concen: 0.367 ng  
RT: 8.670 min Scan# 772  
Delta R.T. -0.011 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 5644 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 37.3  | 36.0  | 54.0 |
| 54        | 59.2  | 42.0  | 63.0 |

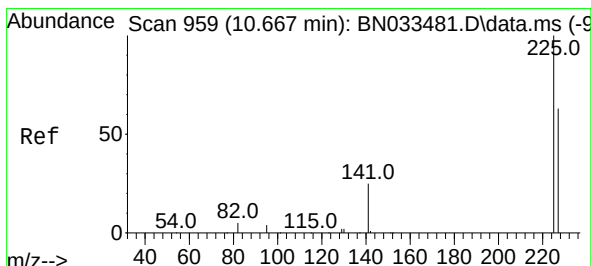
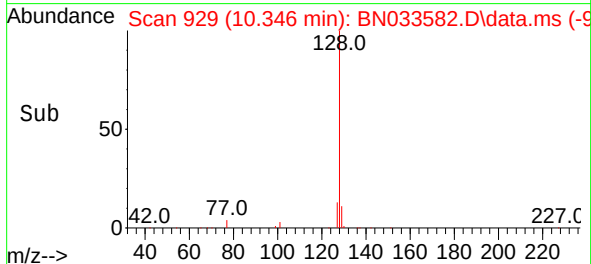
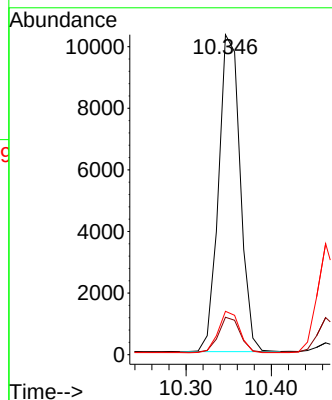
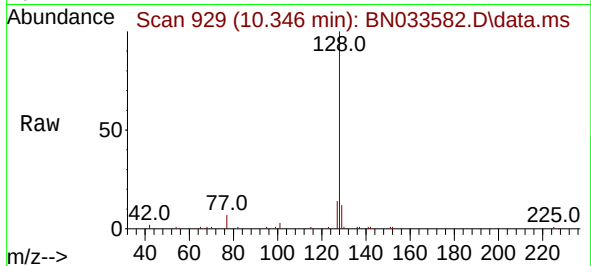




#9  
Naphthalene  
Concen: 0.366 ng  
RT: 10.346 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

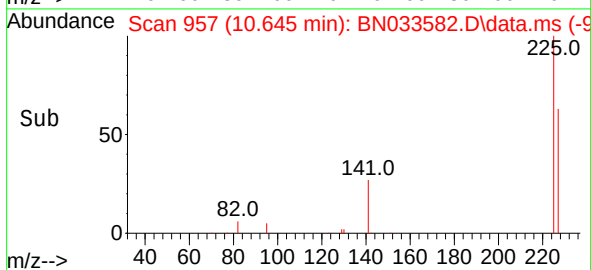
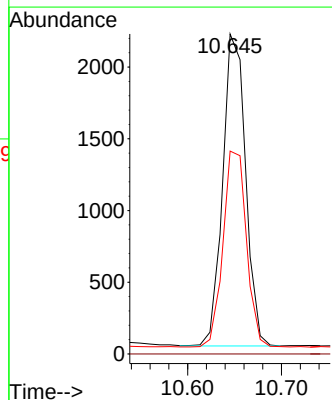
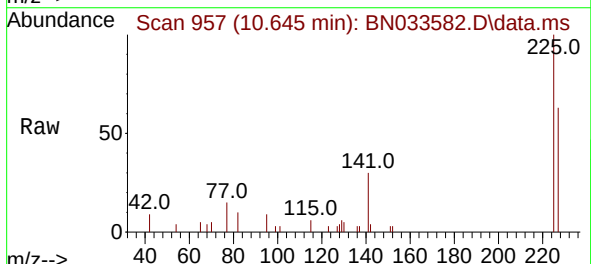
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BNA\_N  
ClientSampleId :  
SSTDCCC0.4

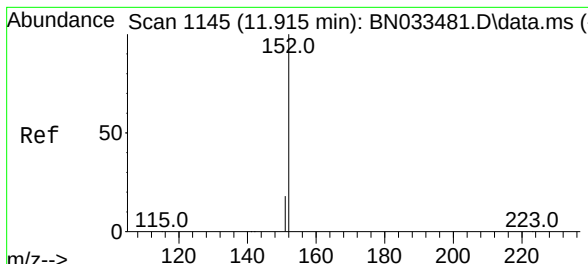
Tgt Ion:128 Resp: 18130  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.1 13.7  
127 13.5 10.7 16.1



#10  
Hexachlorobutadiene  
Concen: 0.373 ng  
RT: 10.645 min Scan# 957  
Delta R.T. -0.011 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

Tgt Ion:225 Resp: 3685  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.2 51.2 76.8

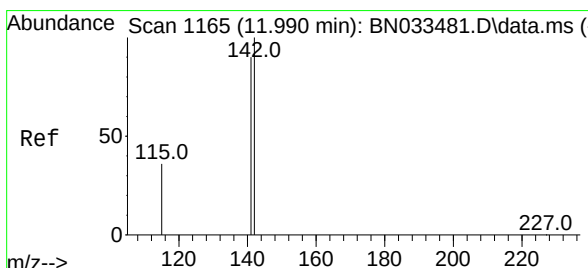
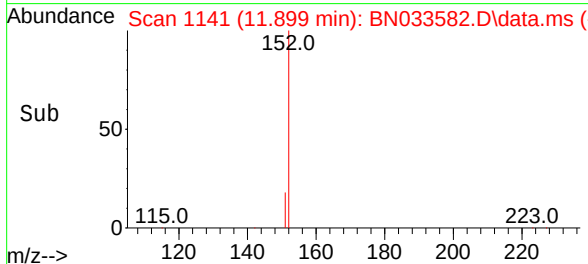
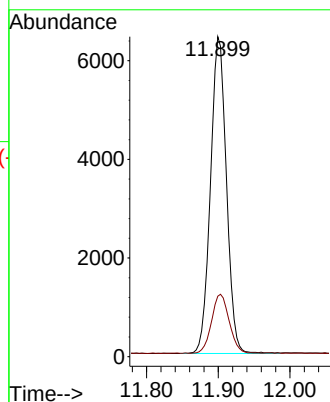
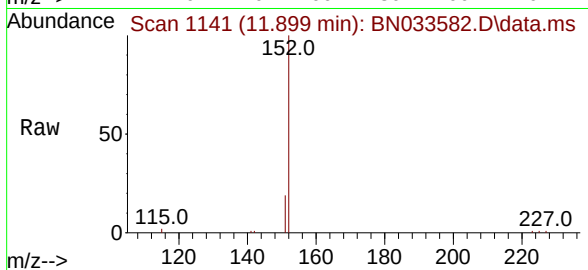




#11  
2-Methylnaphthalene-d10  
Concen: 0.375 ng  
RT: 11.899 min Scan# 1141  
Delta R.T. -0.004 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

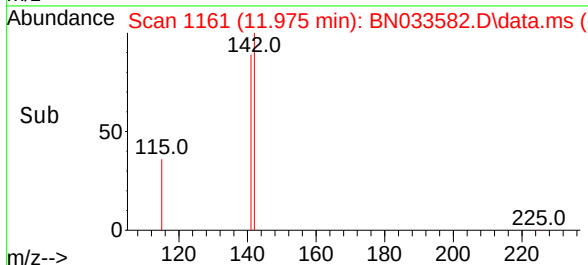
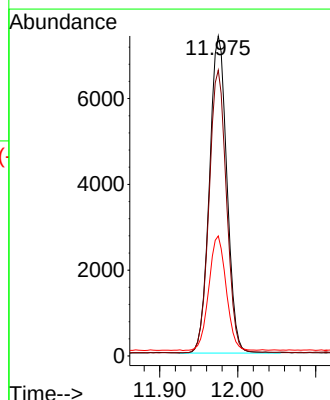
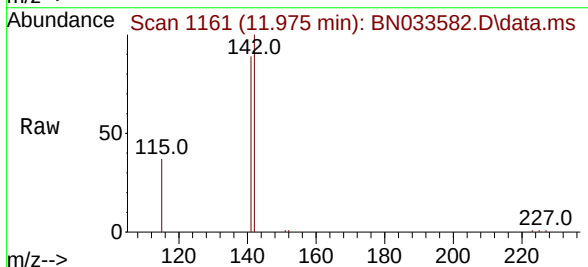
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:152 Resp: 9940  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.6 25.0

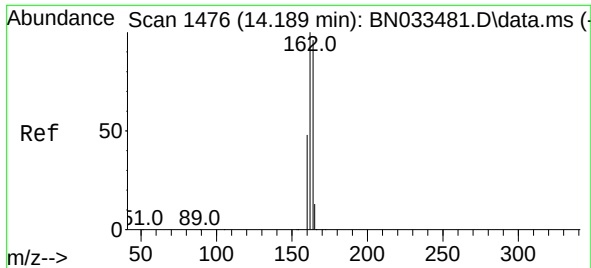


#12  
2-Methylnaphthalene  
Concen: 0.367 ng  
RT: 11.975 min Scan# 1161  
Delta R.T. -0.004 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

Tgt Ion:142 Resp: 11497  
Ion Ratio Lower Upper  
142 100  
141 89.3 71.7 107.5  
115 37.5 29.4 44.2



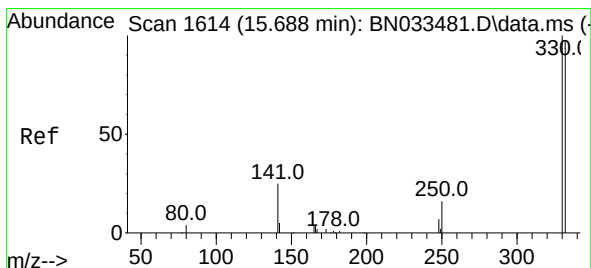
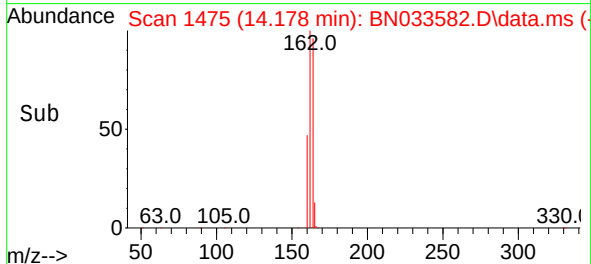
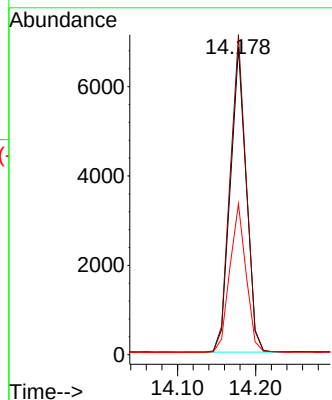
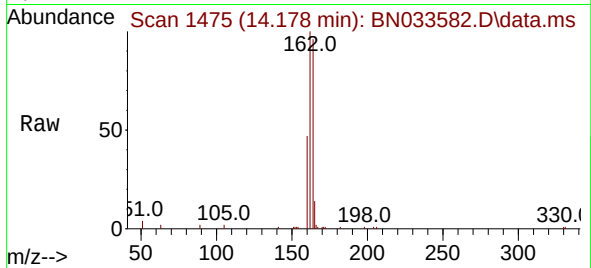




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.178 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

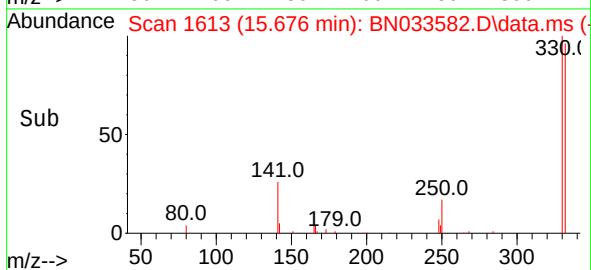
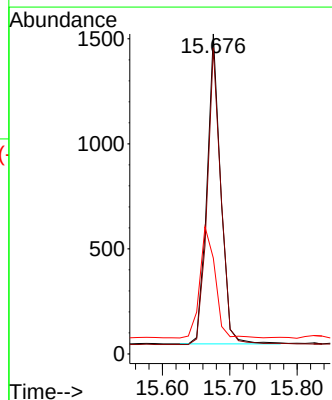
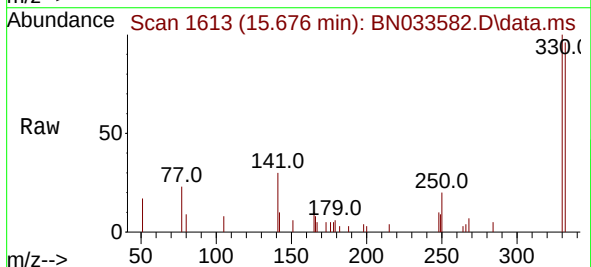
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

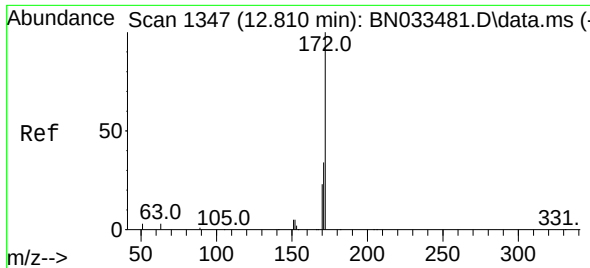
Tgt Ion:164 Resp: 9756  
Ion Ratio Lower Upper  
164 100  
162 104.1 83.5 125.3  
160 49.1 40.2 60.4



#14  
2,4,6-Tribromophenol  
Concen: 0.399 ng  
RT: 15.676 min Scan# 1613  
Delta R.T. -0.000 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

Tgt Ion:330 Resp: 2093  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.5 116.3  
141 39.5 33.9 50.9





#15

2-Fluorobiphenyl

Concen: 0.357 ng

RT: 12.799 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

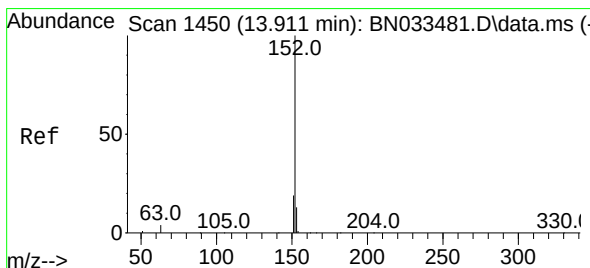
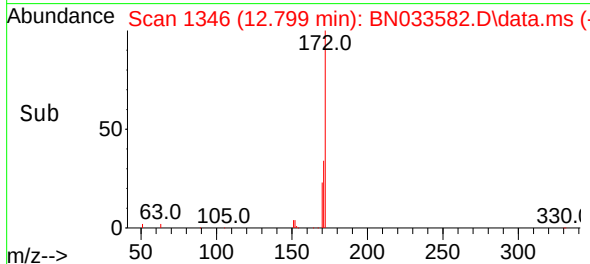
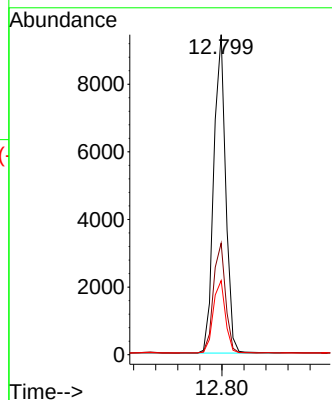
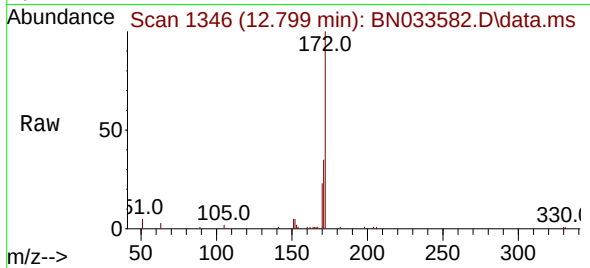
Tgt Ion:172 Resp: 14208

Ion Ratio Lower Upper

172 100

171 34.8 27.7 41.5

170 23.1 18.3 27.5



#16

Acenaphthylene

Concen: 0.351 ng

RT: 13.889 min Scan# 1448

Delta R.T. -0.011 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

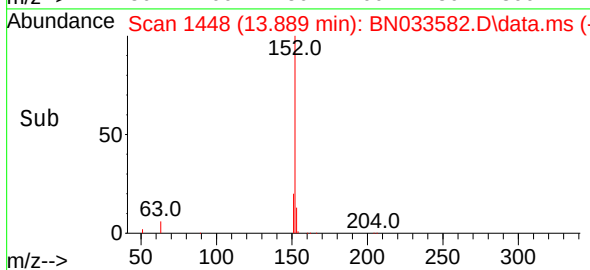
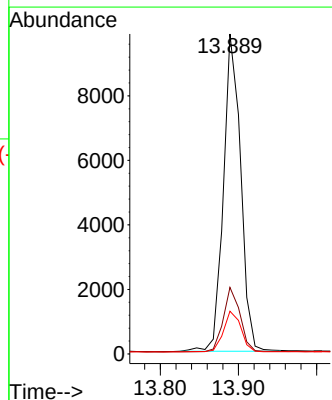
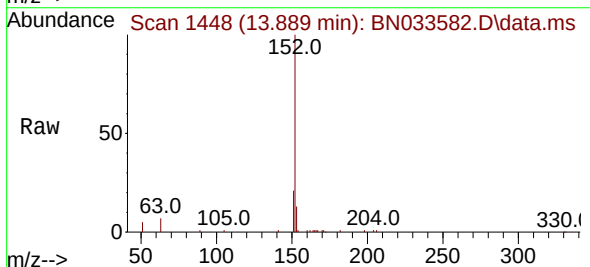
Tgt Ion:152 Resp: 15033

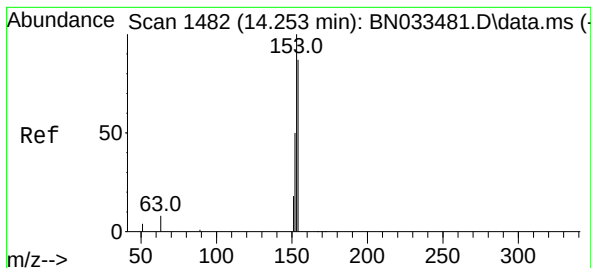
Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 12.9 10.3 15.5





#17

Acenaphthene

Concen: 0.349 ng

RT: 14.242 min Scan# 1482

Delta R.T. -0.000 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

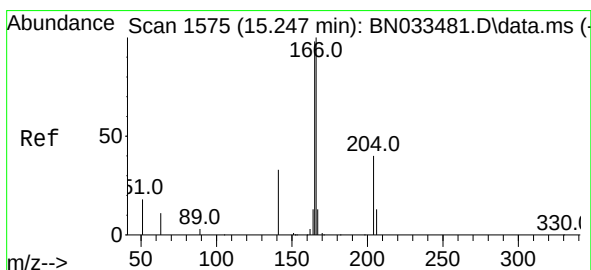
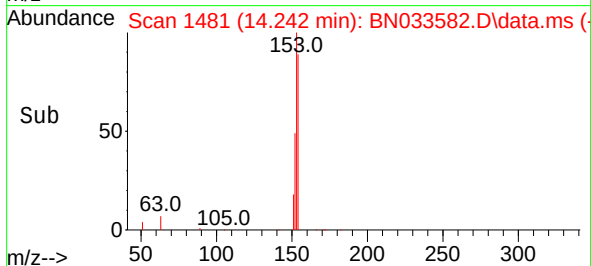
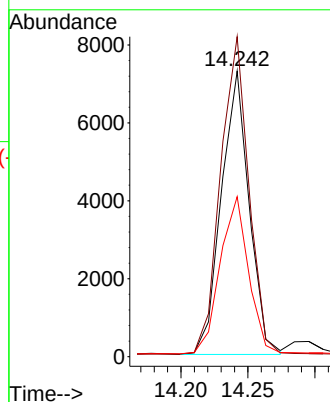
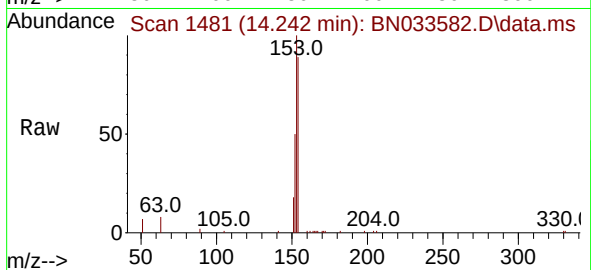
Tgt Ion:154 Resp: 10508

Ion Ratio Lower Upper

154 100

153 113.5 89.0 133.6

152 56.9 45.2 67.8



#18

Fluorene

Concen: 0.359 ng

RT: 15.236 min Scan# 1574

Delta R.T. -0.000 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

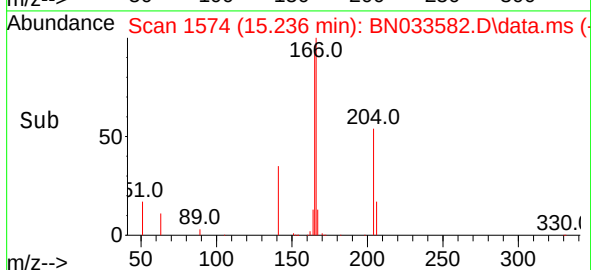
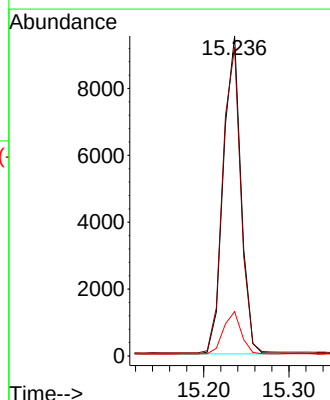
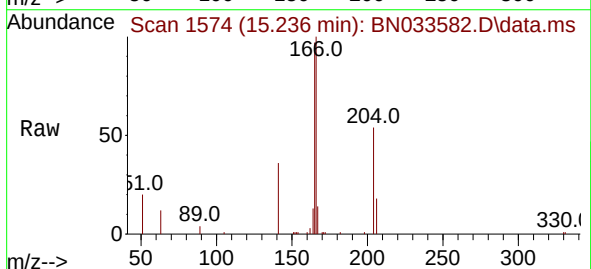
Tgt Ion:166 Resp: 13611

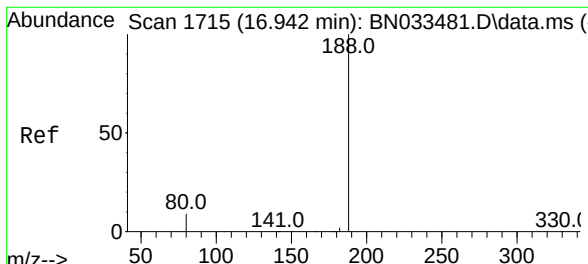
Ion Ratio Lower Upper

166 100

165 98.4 78.2 117.4

167 13.4 10.6 16.0

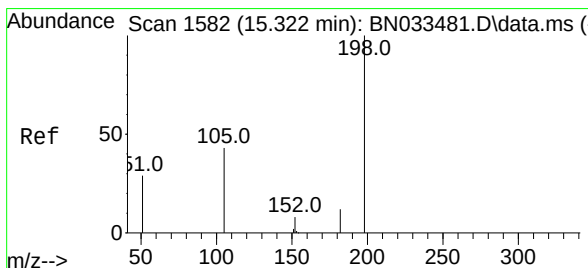
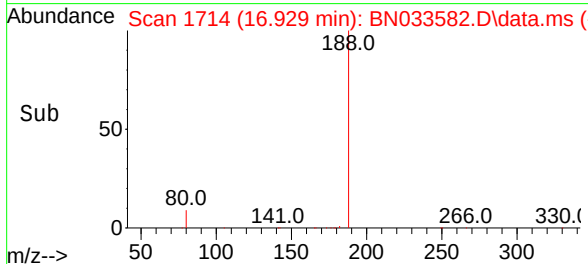
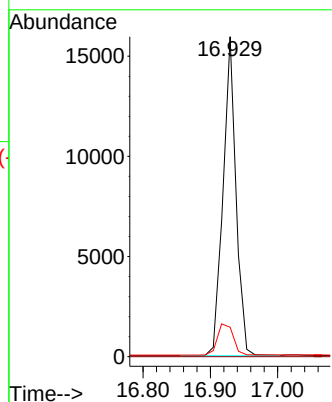
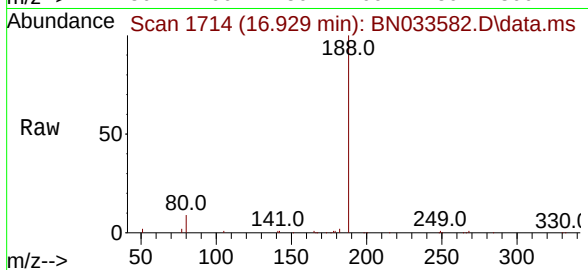




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.929 min Scan# 1714  
Delta R.T. -0.000 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

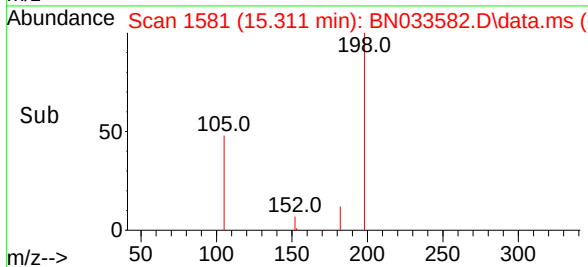
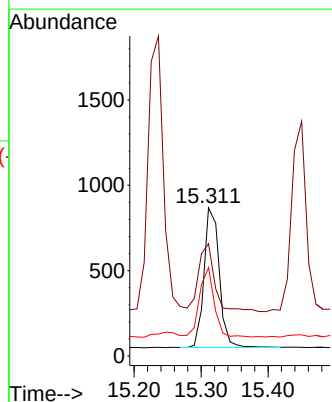
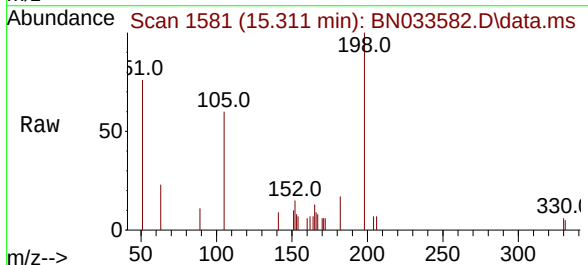
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

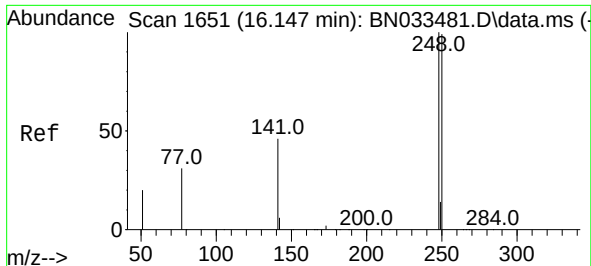
Tgt Ion:188 Resp: 21233  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.2 7.8 11.8



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.391 ng  
RT: 15.311 min Scan# 1581  
Delta R.T. -0.011 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

Tgt Ion:198 Resp: 1295  
Ion Ratio Lower Upper  
198 100  
51 75.8 65.1 97.7  
105 59.7 44.8 67.2

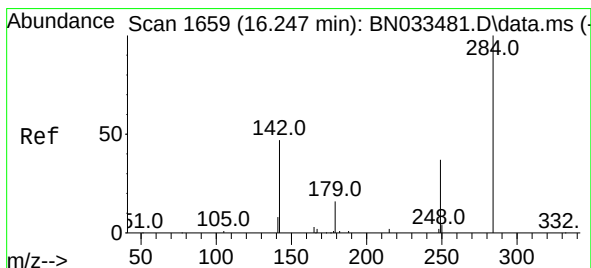
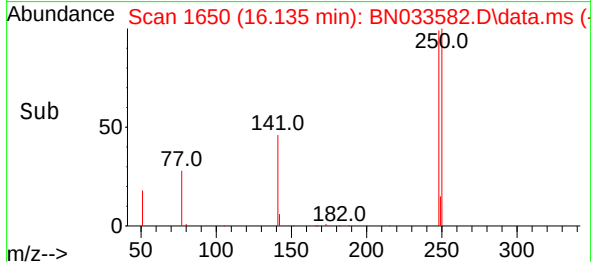
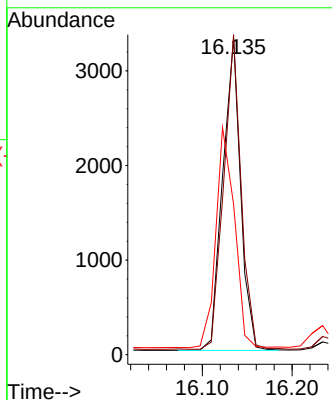
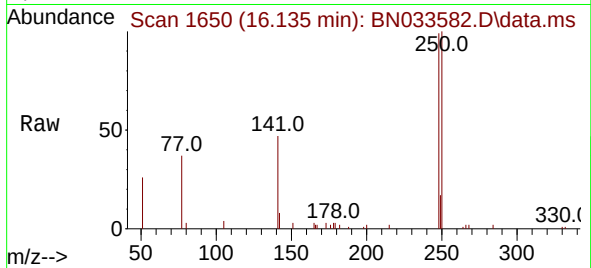




#21  
4-Bromophenyl-phenylether  
Concen: 0.353 ng  
RT: 16.135 min Scan# 1650  
Delta R.T. -0.000 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

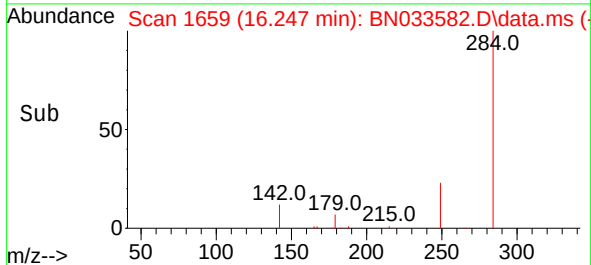
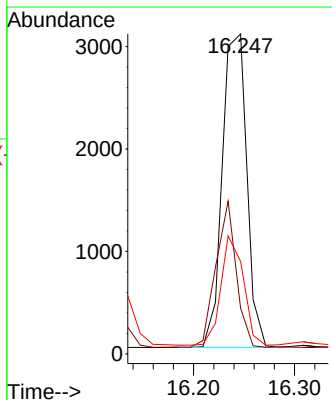
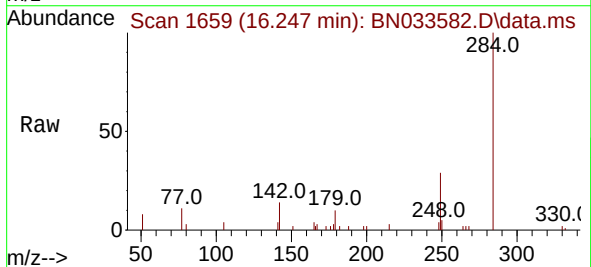
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

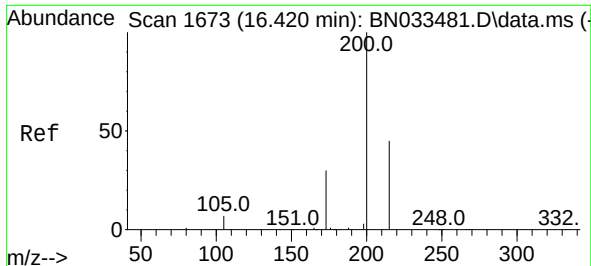
Tgt Ion:248 Resp: 4554  
Ion Ratio Lower Upper  
248 100  
250 101.1 79.2 118.8  
141 47.6 37.9 56.9



#22  
Hexachlorobenzene  
Concen: 0.363 ng  
RT: 16.247 min Scan# 1659  
Delta R.T. -0.000 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

Tgt Ion:284 Resp: 5166  
Ion Ratio Lower Upper  
284 100  
142 38.6 31.8 47.6  
249 31.9 26.0 39.0

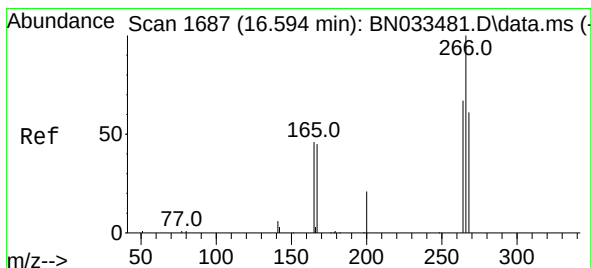
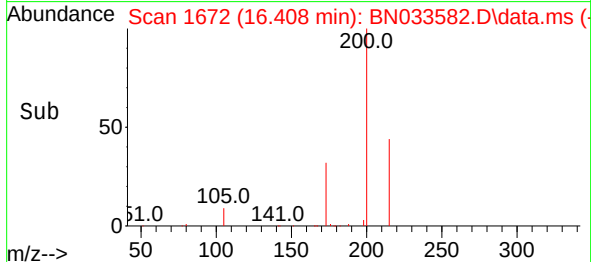
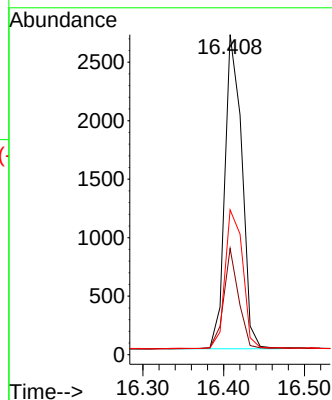
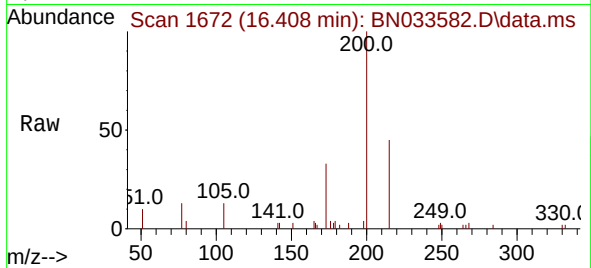




#23  
Atrazine  
Concen: 0.382 ng  
RT: 16.408 min Scan# 1672  
Delta R.T. -0.013 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

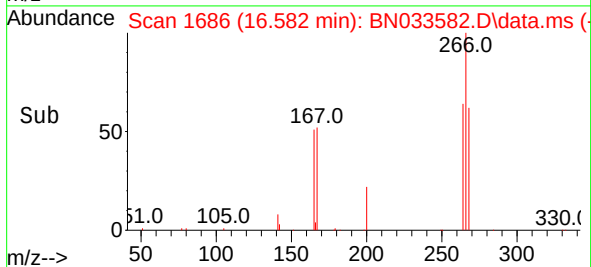
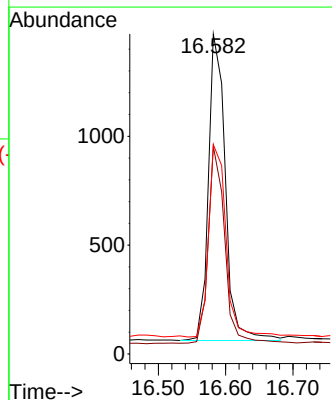
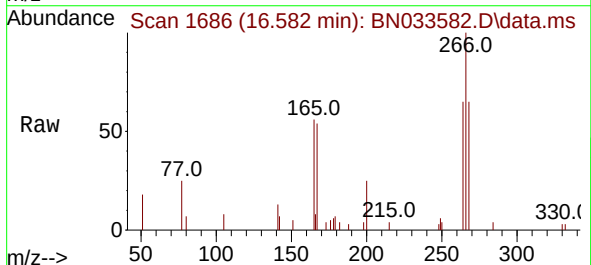
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

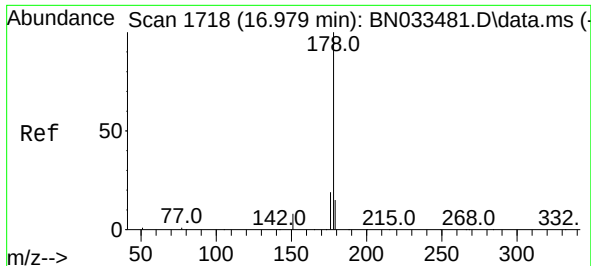
Tgt Ion:200 Resp: 3931  
Ion Ratio Lower Upper  
200 100  
173 33.2 25.3 37.9  
215 45.3 36.6 54.8



#24  
Pentachlorophenol  
Concen: 0.398 ng  
RT: 16.582 min Scan# 1686  
Delta R.T. -0.013 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

Tgt Ion:266 Resp: 2455  
Ion Ratio Lower Upper  
266 100  
264 62.3 51.9 77.9  
268 64.6 51.0 76.4





#25

Phenanthrene

Concen: 0.361 ng

RT: 16.966 min Scan# 1717

Delta R.T. -0.000 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

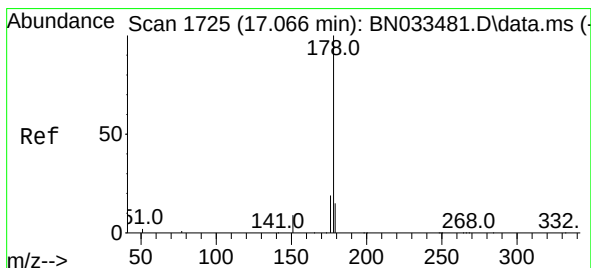
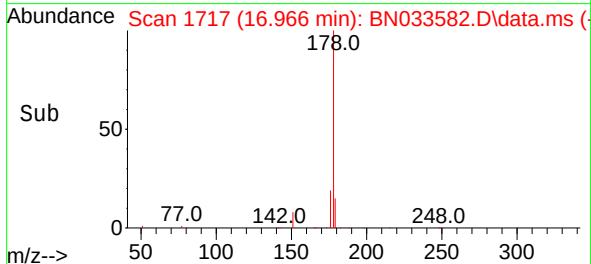
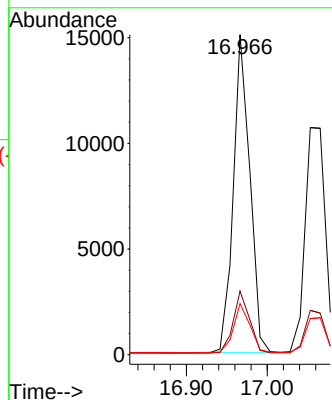
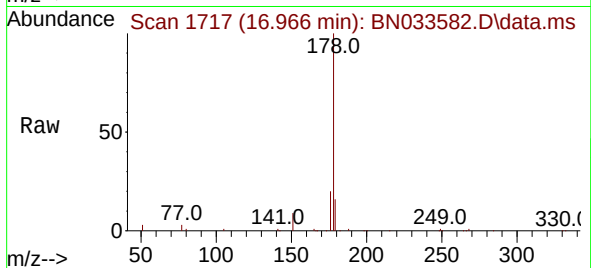
Tgt Ion:178 Resp: 21333

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.3 12.3 18.5



#26

Anthracene

Concen: 0.363 ng

RT: 17.053 min Scan# 1724

Delta R.T. -0.013 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

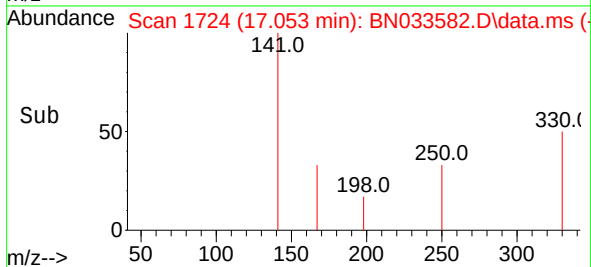
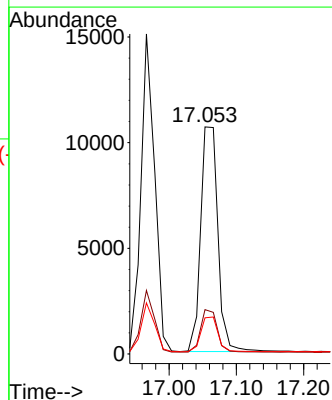
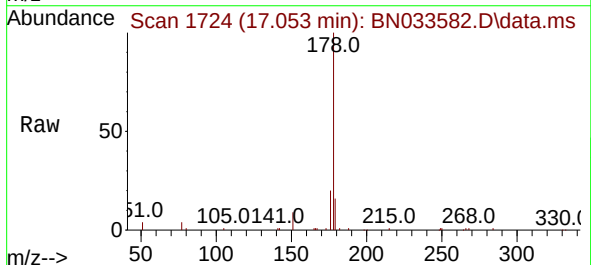
Tgt Ion:178 Resp: 18975

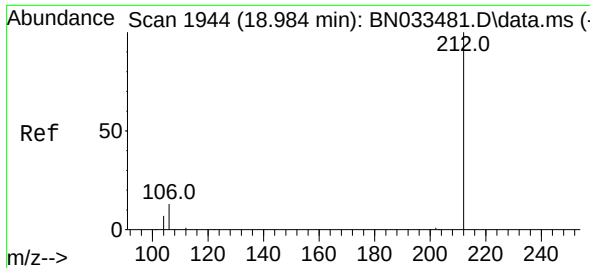
Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.6

179 15.2 12.4 18.6

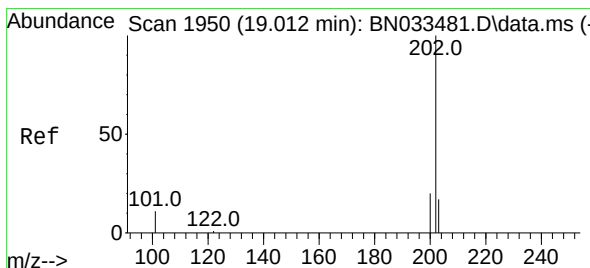
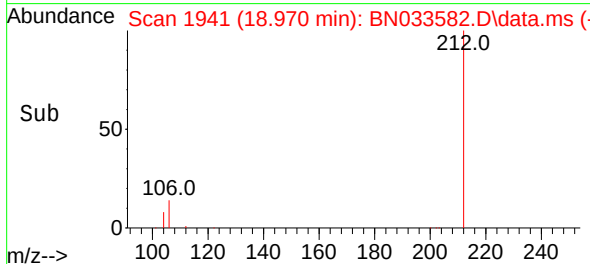
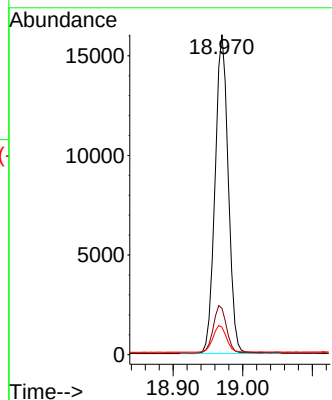
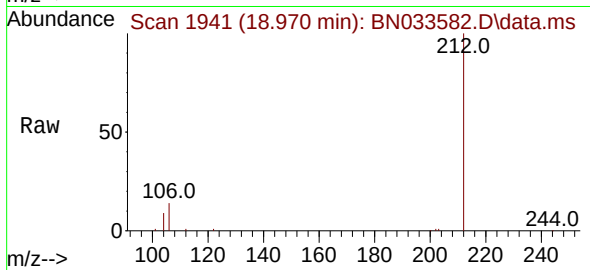




#27  
Fluoranthene-d10  
Concen: 0.414 ng  
RT: 18.970 min Scan# 1941  
Delta R.T. -0.000 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

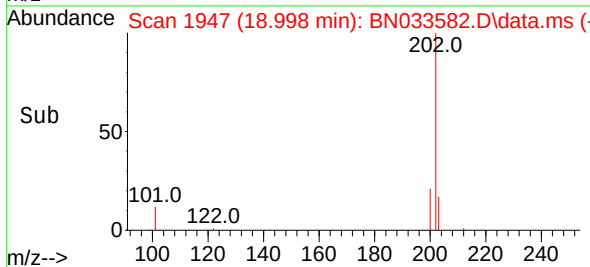
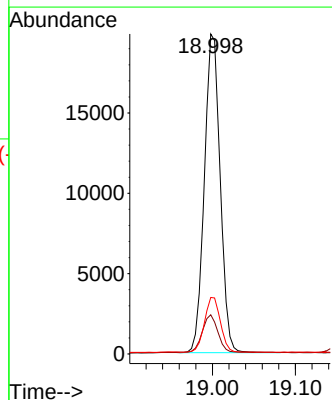
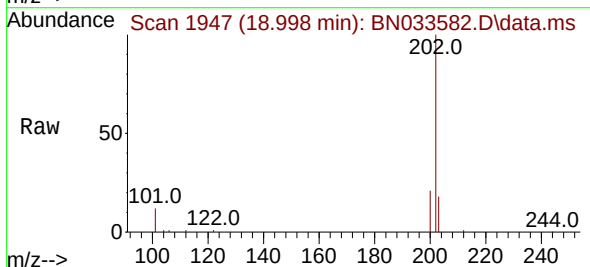
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:212 Resp: 21144  
Ion Ratio Lower Upper  
212 100  
106 14.9 12.3 18.5  
104 8.5 7.0 10.4

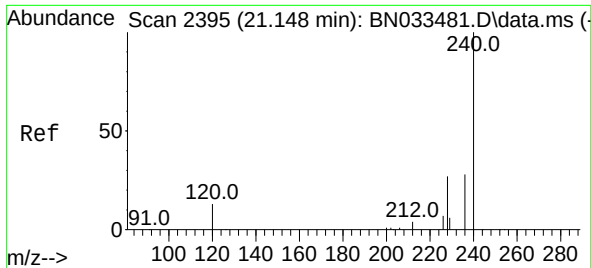


#28  
Fluoranthene  
Concen: 0.404 ng  
RT: 18.998 min Scan# 1947  
Delta R.T. -0.005 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

Tgt Ion:202 Resp: 26399  
Ion Ratio Lower Upper  
202 100  
101 11.9 9.5 14.3  
203 17.3 13.8 20.6







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 24

Delta R.T. -0.000 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

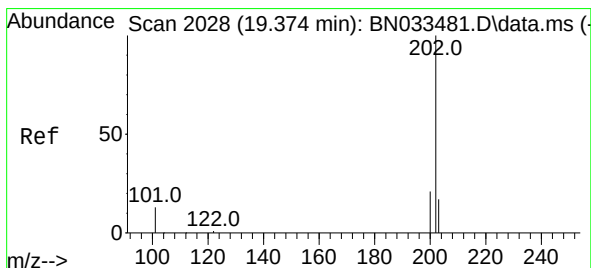
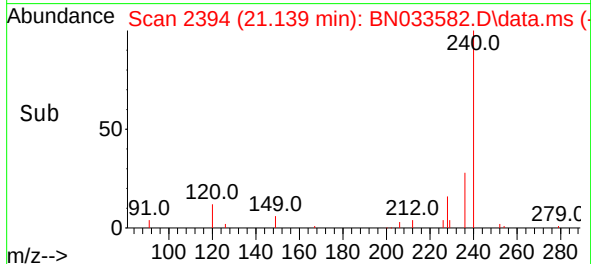
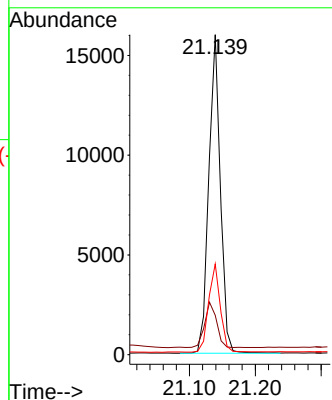
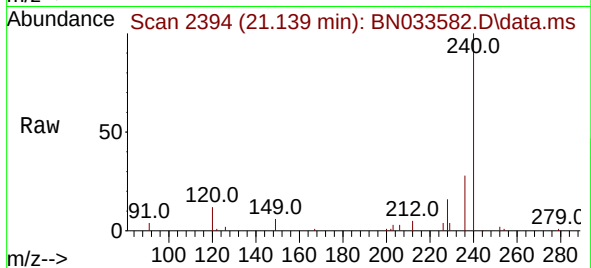
Tgt Ion:240 Resp: 19542

Ion Ratio Lower Upper

240 100

120 12.3 12.4 18.6#

236 28.3 23.0 34.6



#30

Pyrene

Concen: 0.321 ng

RT: 19.365 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

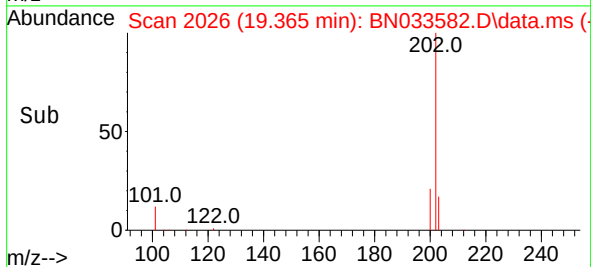
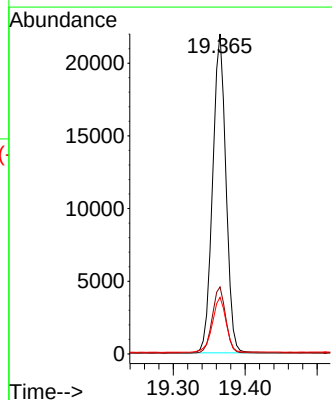
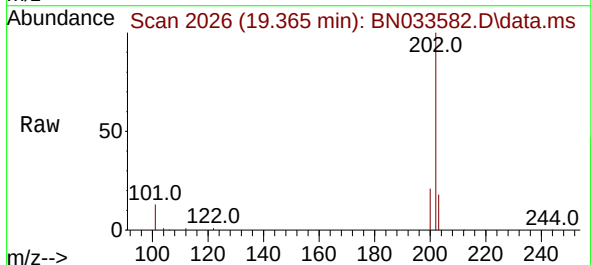
Tgt Ion:202 Resp: 28003

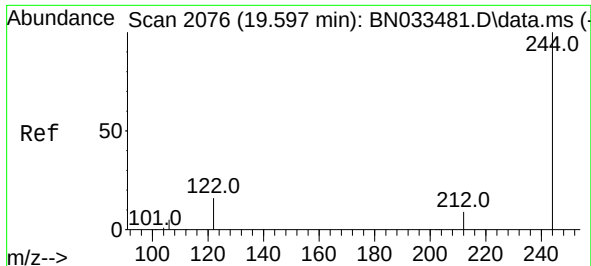
Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

203 17.8 14.2 21.4





#31  
Terphenyl-d14  
Concen: 0.338 ng  
RT: 19.583 min Scan# 2076  
Delta R.T. -0.000 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

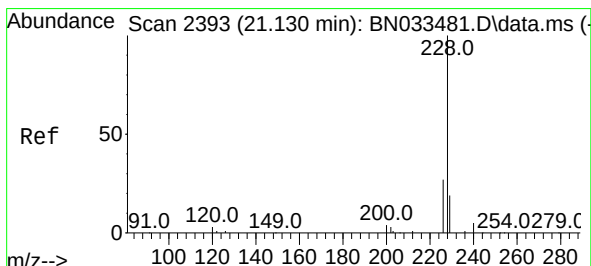
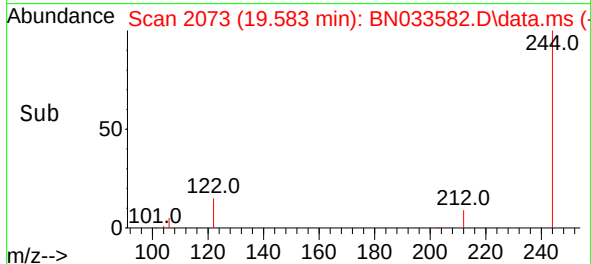
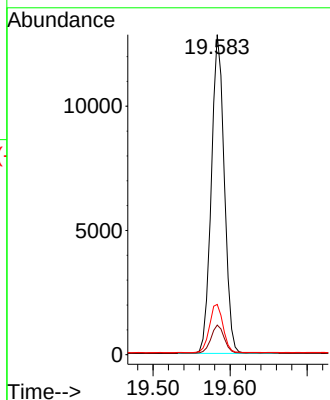
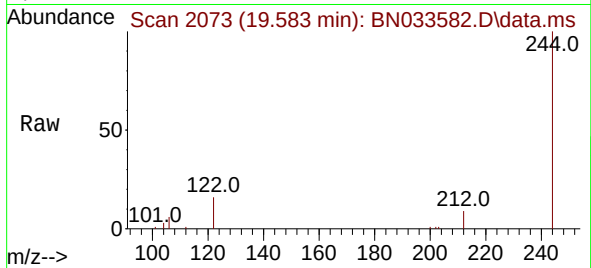
Instrument :

BNA\_N

ClientSampleId :

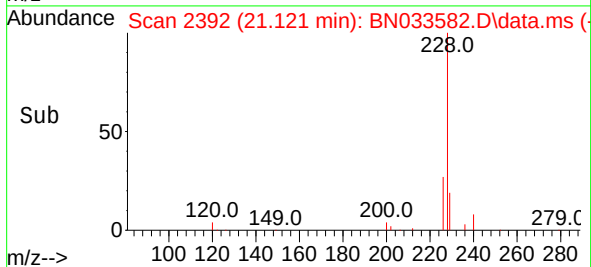
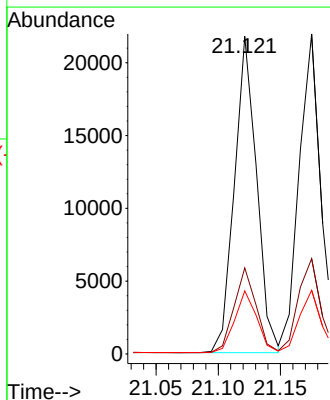
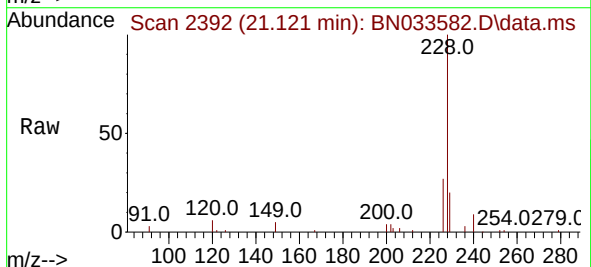
SSTDCCC0.4

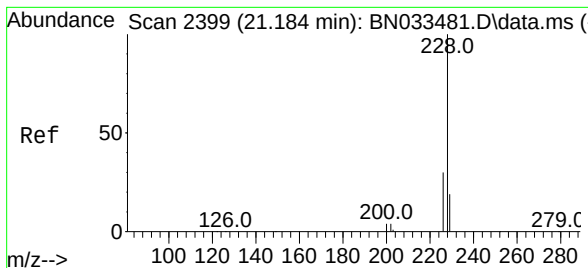
Tgt Ion:244 Resp: 15002  
Ion Ratio Lower Upper  
244 100  
212 9.2 7.8 11.6  
122 15.7 13.3 19.9



#32  
Benzo(a)anthracene  
Concen: 0.381 ng  
RT: 21.121 min Scan# 2392  
Delta R.T. -0.000 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

Tgt Ion:228 Resp: 26910  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.8 32.6  
229 19.8 15.8 23.6





#33

Chrysene

Concen: 0.371 ng

RT: 21.175 min Scan# 2399

Delta R.T. -0.000 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

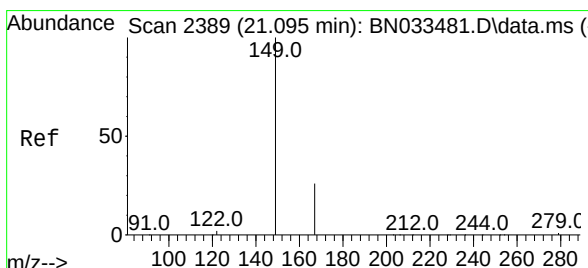
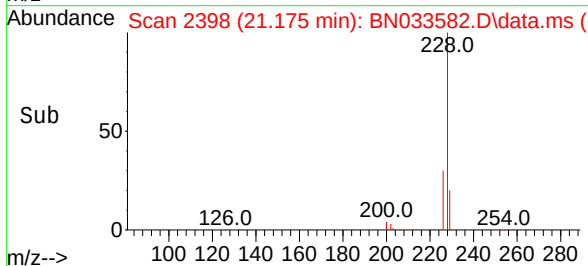
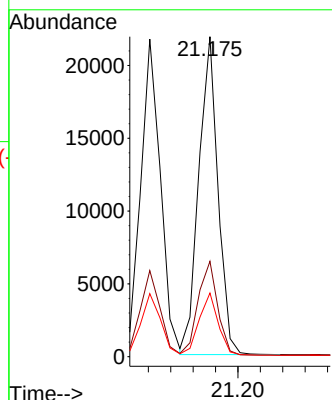
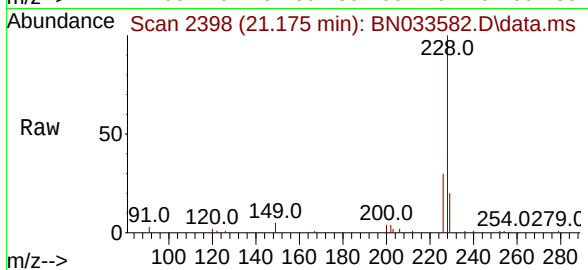
Tgt Ion:228 Resp: 26060

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 19.9 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.463 ng

RT: 21.085 min Scan# 2388

Delta R.T. -0.000 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

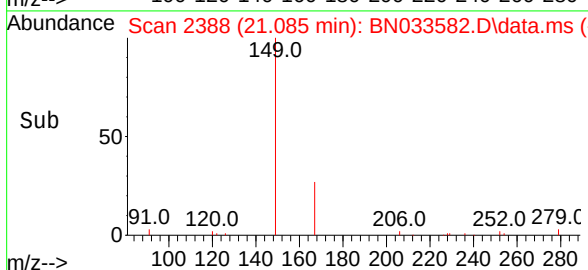
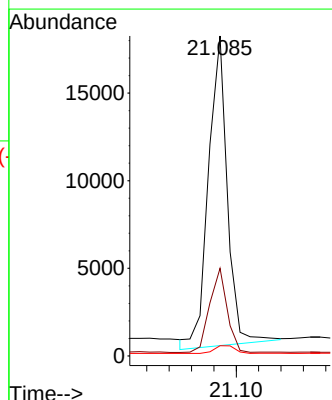
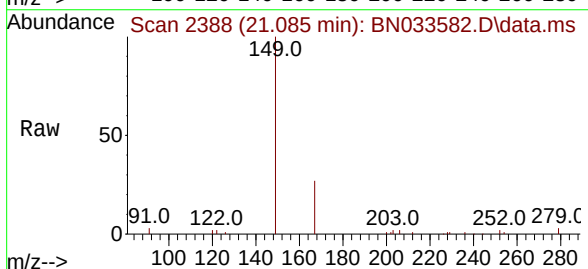
Tgt Ion:149 Resp: 20728

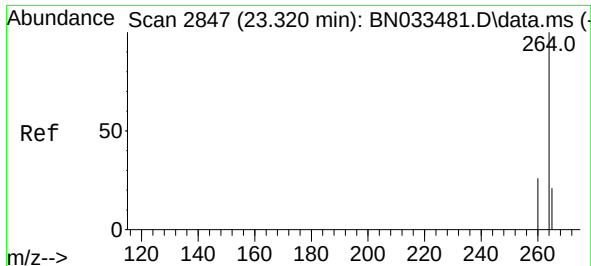
Ion Ratio Lower Upper

149 100

167 26.1 21.5 32.3

279 3.2 2.2 3.2

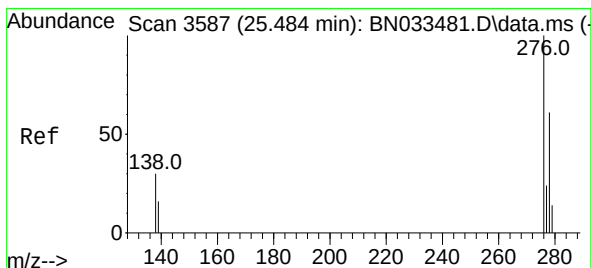
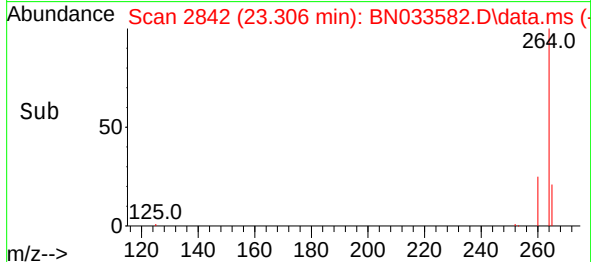
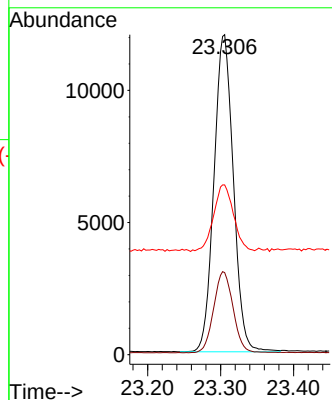
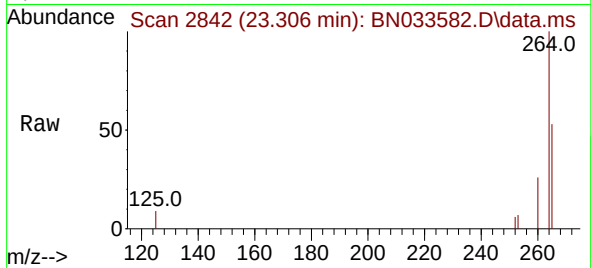




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.306 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

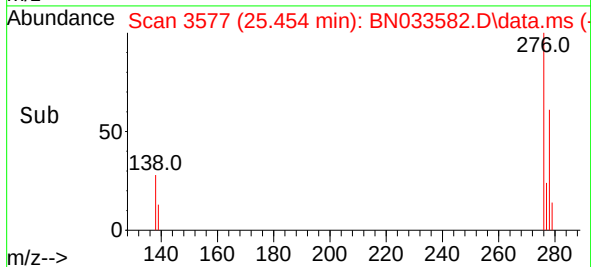
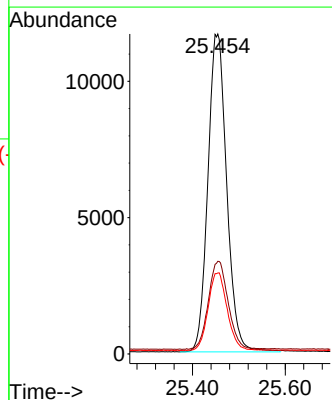
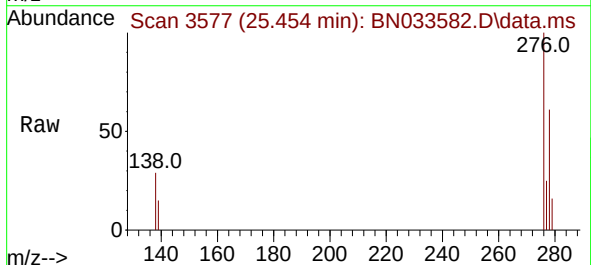
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

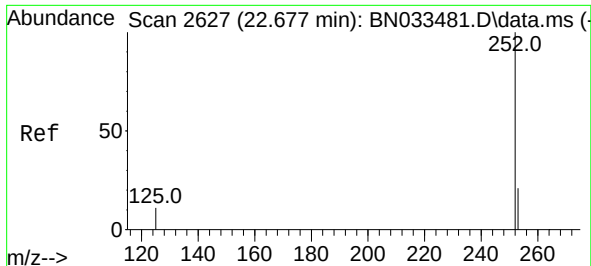
Tgt Ion:264 Resp: 22177  
Ion Ratio Lower Upper  
264 100  
260 25.6 20.8 31.2  
265 53.1 52.2 78.2



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.357 ng  
RT: 25.454 min Scan# 3577  
Delta R.T. 0.006 min  
Lab File: BN033582.D  
Acq: 23 Aug 2024 09:48

Tgt Ion:276 Resp: 32901  
Ion Ratio Lower Upper  
276 100  
138 29.0 24.4 36.6  
277 24.9 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.355 ng

RT: 22.659 min Scan# 2621

Delta R.T. -0.000 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

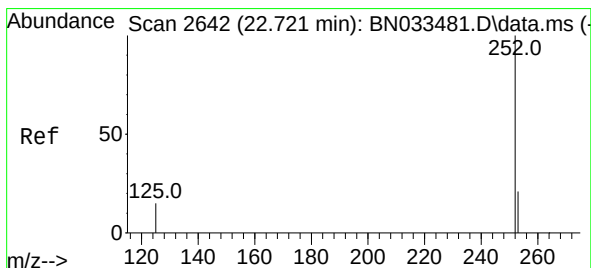
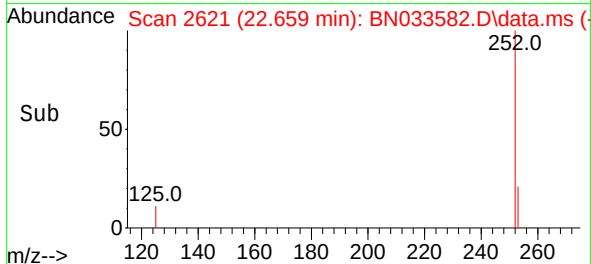
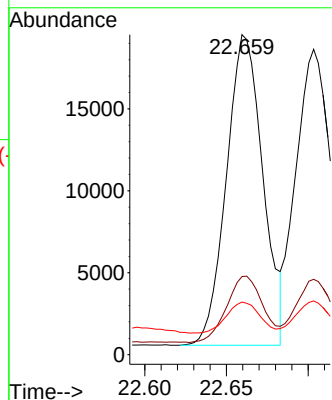
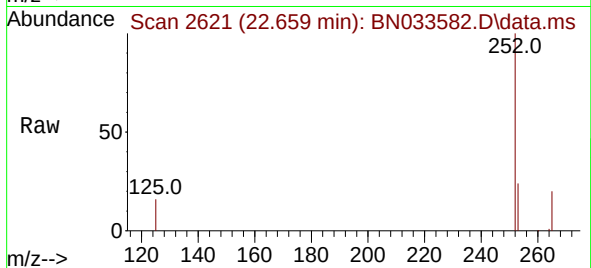
Tgt Ion:252 Resp: 29428

Ion Ratio Lower Upper

252 100

253 24.4 19.8 29.8

125 16.4 13.9 20.9



#38

Benzo(k)fluoranthene

Concen: 0.341 ng

RT: 22.703 min Scan# 2636

Delta R.T. -0.000 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

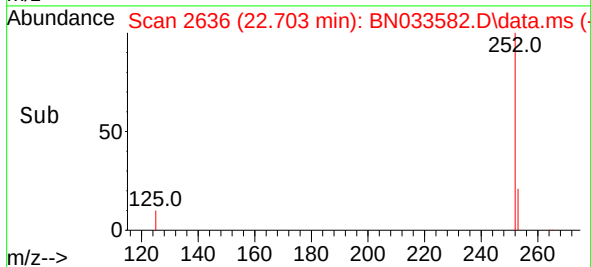
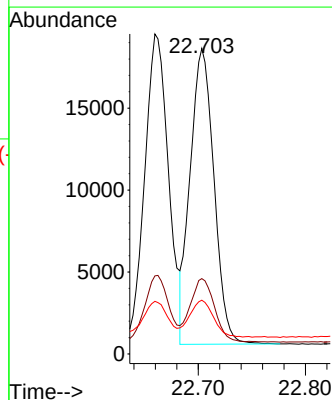
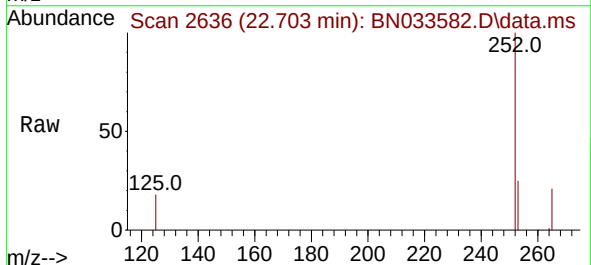
Tgt Ion:252 Resp: 27836

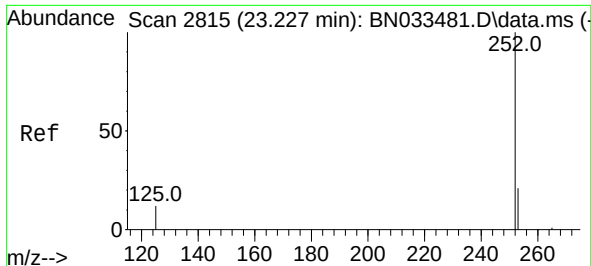
Ion Ratio Lower Upper

252 100

253 24.7 19.8 29.8

125 17.6 15.8 23.8





#39

Benzo(a)pyrene

Concen: 0.361 ng

RT: 23.209 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

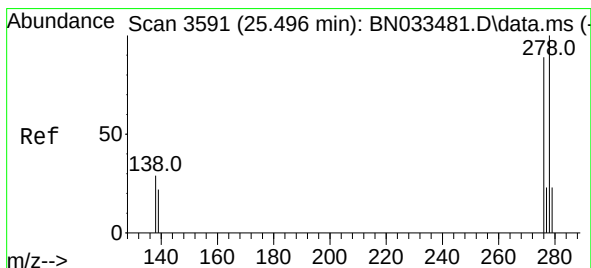
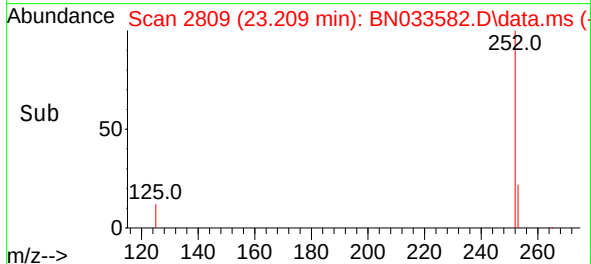
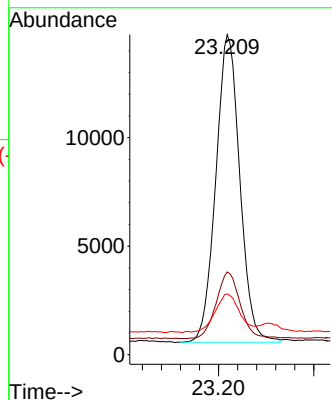
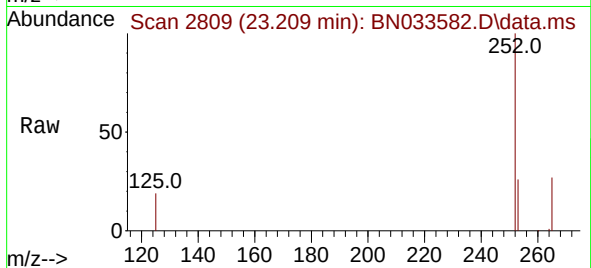
Tgt Ion:252 Resp: 24756

Ion Ratio Lower Upper

252 100

253 25.9 21.5 32.3

125 19.0 17.0 25.4



#40

Dibenzo(a,h)anthracene

Concen: 0.356 ng

RT: 25.466 min Scan# 3581

Delta R.T. -0.003 min

Lab File: BN033582.D

Acq: 23 Aug 2024 09:48

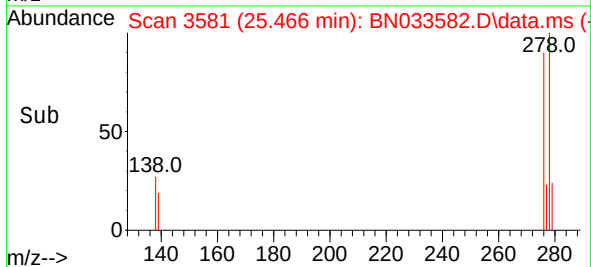
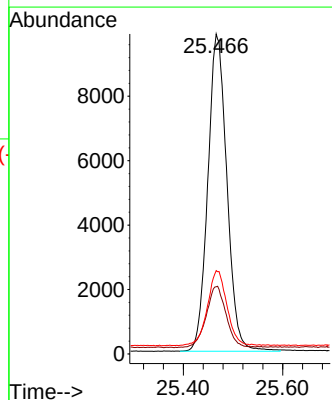
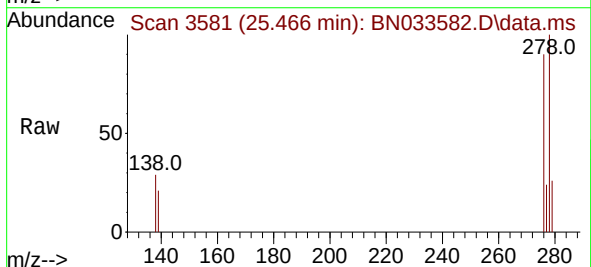
Tgt Ion:278 Resp: 26225

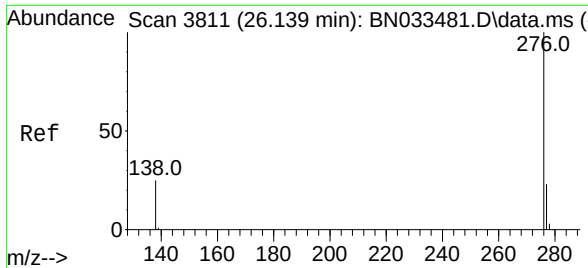
Ion Ratio Lower Upper

278 100

139 21.0 19.1 28.7

279 26.1 21.0 31.4





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.351 ng  
 RT: 26.106 min Scan# 3811  
 Delta R.T. 0.003 min  
 Lab File: BN033582.D  
 Acq: 23 Aug 2024 09:48

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 27657 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.5  | 19.7  | 29.5  |
| 138       | 26.1  | 21.8  | 32.6  |

