

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081924\  
 Data File : BN033505.D  
 Acq On : 20 Aug 2024 14:36  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Aug 20 15:13:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 19 23:32:18 2024  
 Response via : Initial Calibration

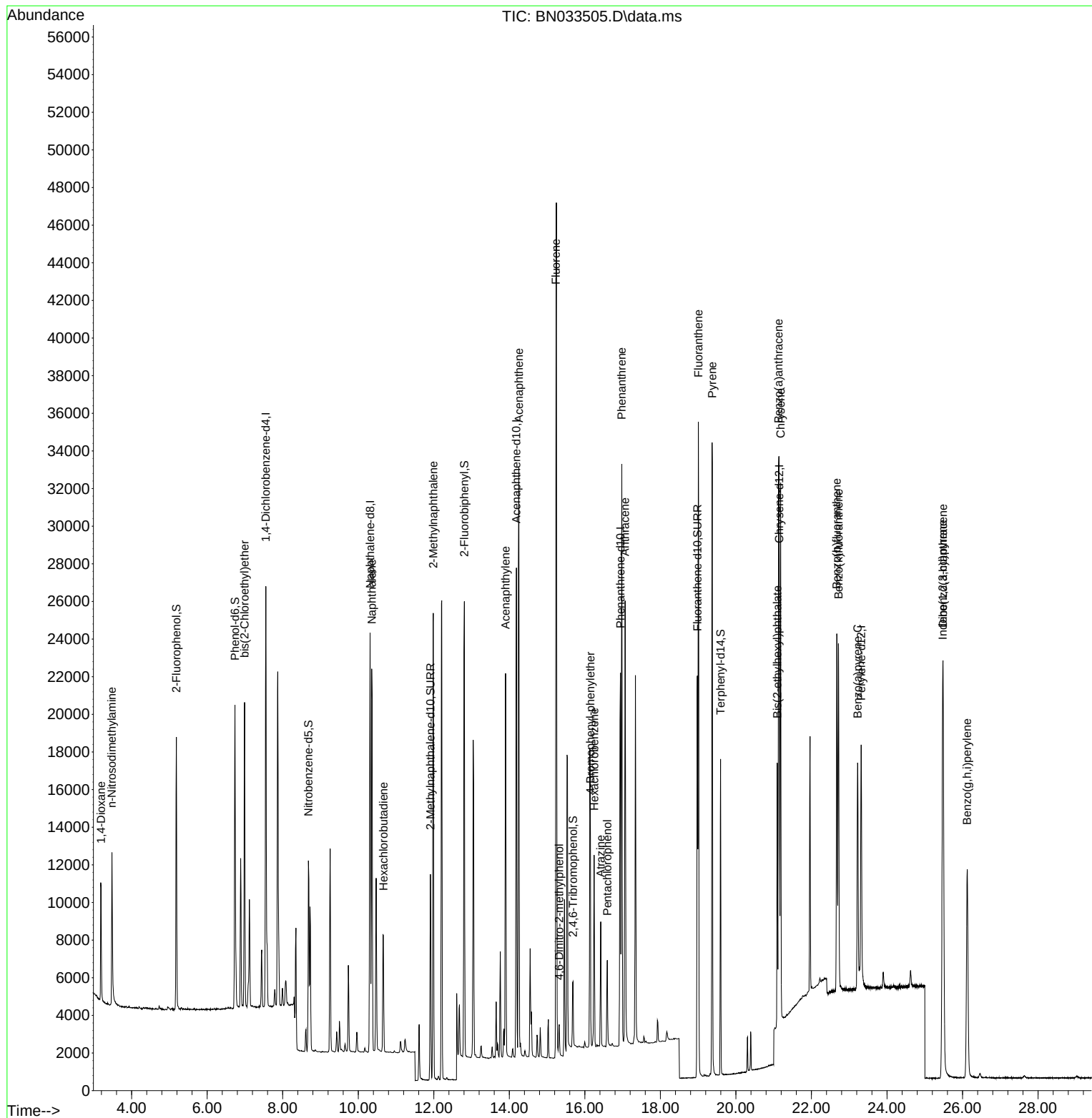
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.552  | 152  | 10378    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.314 | 136  | 27856    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.189 | 164  | 14175    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.942 | 188  | 28560    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.148 | 240  | 16718    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.317 | 264  | 16422    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.183  | 112  | 10681    | 0.324 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.736  | 99   | 13600    | 0.347 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.681  | 82   | 7847     | 0.340 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.911 | 152  | 14394    | 0.361 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.688 | 330  | 2206     | 0.289 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.810 | 172  | 21634    | 0.374 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.980 | 212  | 22898    | 0.334 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.593 | 244  | 14717    | 0.387 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.190  | 88   | 4020     | 0.337 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.479  | 42   | 4970     | 0.358 | ng    | # 92     |
| 6) bis(2-Chloroethyl)ether    | 6.989  | 93   | 10509    | 0.378 | ng    | 98       |
| 9) Naphthalene                | 10.357 | 128  | 27093    | 0.364 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.667 | 225  | 5446     | 0.367 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 11.986 | 142  | 17168    | 0.364 | ng    | 99       |
| 16) Acenaphthylene            | 13.900 | 152  | 21398    | 0.344 | ng    | 100      |
| 17) Acenaphthene              | 14.253 | 154  | 15771    | 0.361 | ng    | 99       |
| 18) Fluorene                  | 15.236 | 166  | 19667    | 0.357 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.322 | 198  | 1237     | 0.277 | ng    | # 78     |
| 21) 4-Bromophenyl-phenylether | 16.147 | 248  | 6156     | 0.355 | ng    | # 89     |
| 22) Hexachlorobenzene         | 16.247 | 284  | 7112     | 0.371 | ng    | 98       |
| 23) Atrazine                  | 16.420 | 200  | 4572     | 0.330 | ng    | 95       |
| 24) Pentachlorophenol         | 16.594 | 266  | 2154     | 0.260 | ng    | 97       |
| 25) Phenanthrene              | 16.979 | 178  | 29719    | 0.374 | ng    | 100      |
| 26) Anthracene                | 17.066 | 178  | 24309    | 0.346 | ng    | 99       |
| 28) Fluoranthene              | 19.007 | 202  | 30006    | 0.342 | ng    | 100      |
| 30) Pyrene                    | 19.370 | 202  | 29766    | 0.399 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.130 | 228  | 21719    | 0.359 | ng    | 99       |
| 33) Chrysene                  | 21.184 | 228  | 22894    | 0.381 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.095 | 149  | 11937    | 0.312 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.475 | 276  | 25584    | 0.375 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.671 | 252  | 22315    | 0.364 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.715 | 252  | 21979    | 0.364 | ng    | 100      |
| 39) Benzo(a)pyrene            | 23.224 | 252  | 17894    | 0.353 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 25.487 | 278  | 20487    | 0.376 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.124 | 276  | 21618    | 0.371 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

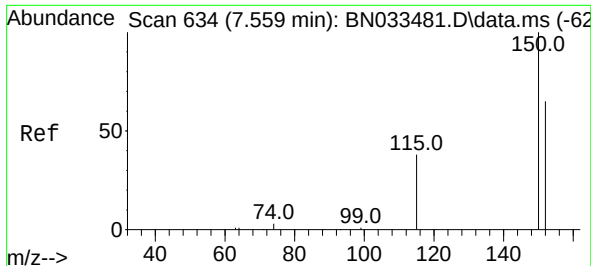
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081924\  
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SSTDCCC0.4EC

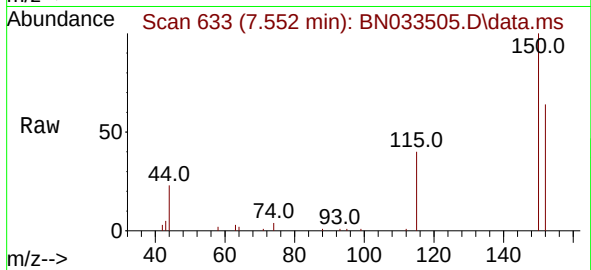
Quant Time: Aug 20 15:13:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081924.M  
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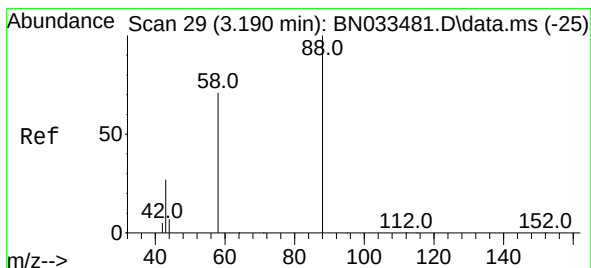
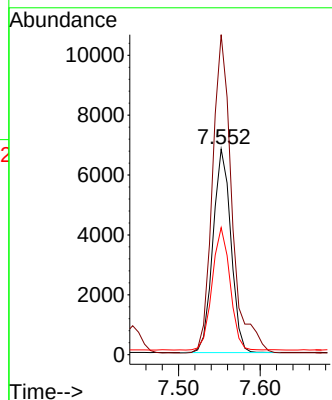
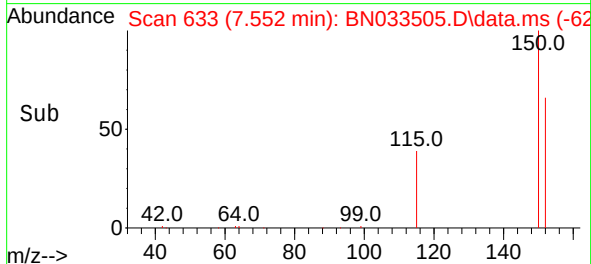


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.552 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN033505.D  
 Acq: 20 Aug 2024 14:36

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

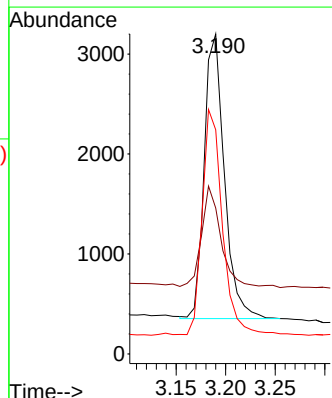
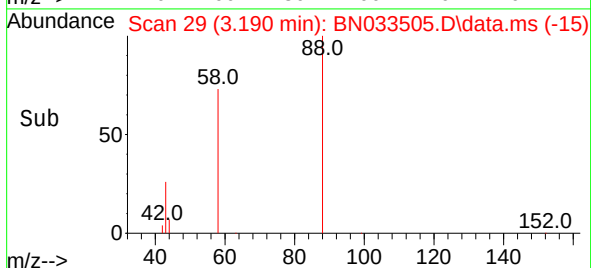
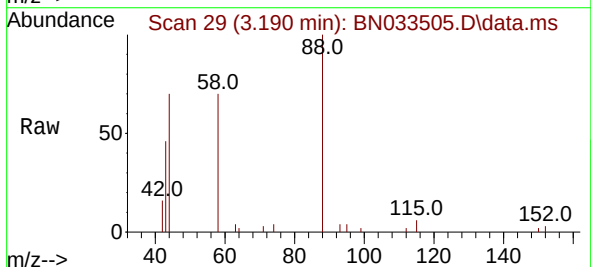


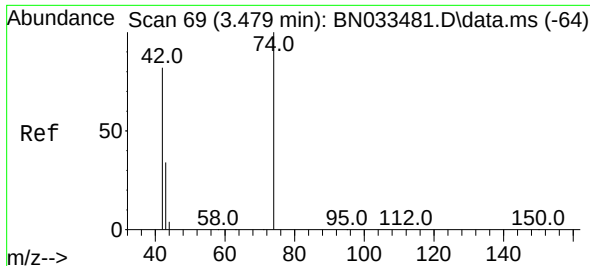
Tgt Ion:152 Resp: 10378  
 Ion Ratio Lower Upper  
 152 100  
 150 155.7 122.2 183.2  
 115 61.8 47.2 70.8



#2  
 1,4-Dioxane  
 Concen: 0.337 ng  
 RT: 3.190 min Scan# 29  
 Delta R.T. -0.000 min  
 Lab File: BN033505.D  
 Acq: 20 Aug 2024 14:36

Tgt Ion: 88 Resp: 4020  
 Ion Ratio Lower Upper  
 88 100  
 43 34.6 25.0 37.4  
 58 79.4 62.5 93.7

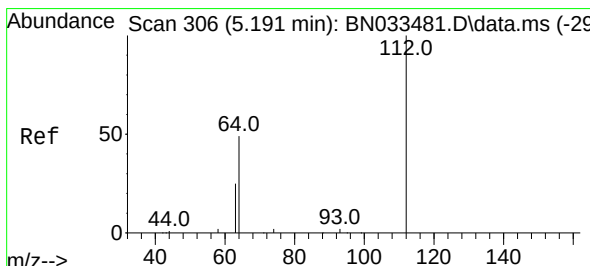
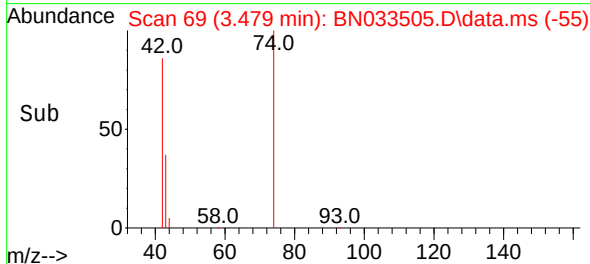
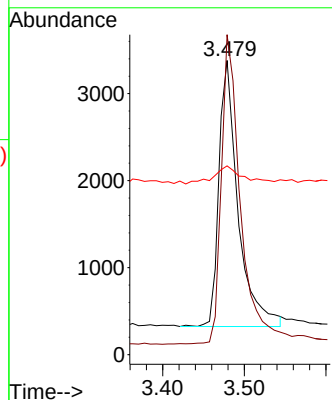
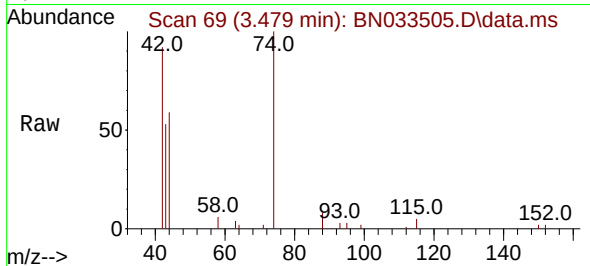




#3  
n-Nitrosodimethylamine  
Concen: 0.358 ng  
RT: 3.479 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

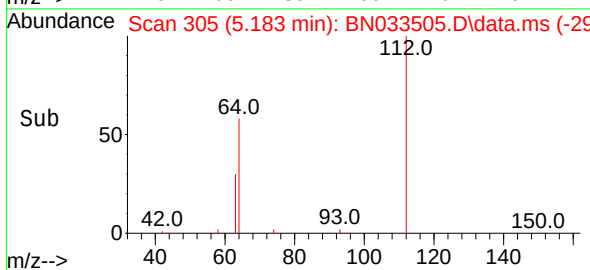
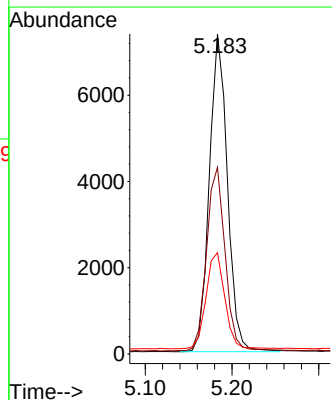
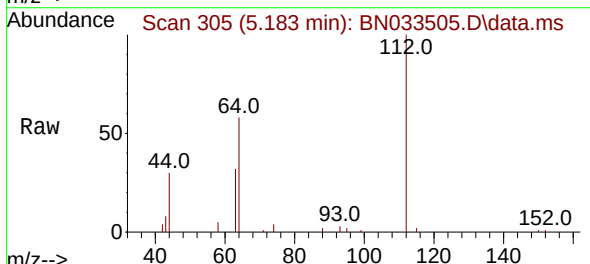
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BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

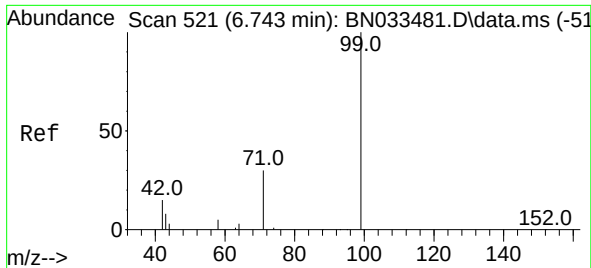
Tgt Ion: 42 Resp: 4970  
Ion Ratio Lower Upper  
42 100  
74 116.3 100.2 150.2  
44 10.3 5.3 7.9#



#4  
2-Fluorophenol  
Concen: 0.324 ng  
RT: 5.183 min Scan# 305  
Delta R.T. -0.007 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

Tgt Ion: 112 Resp: 10681  
Ion Ratio Lower Upper  
112 100  
64 59.3 47.1 70.7  
63 31.7 24.9 37.3

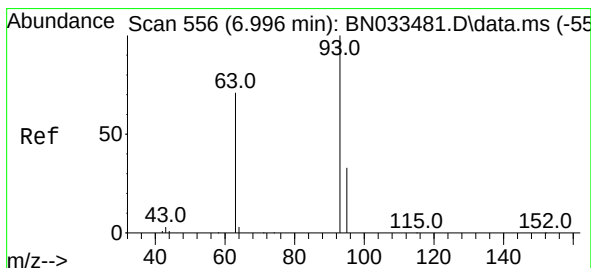
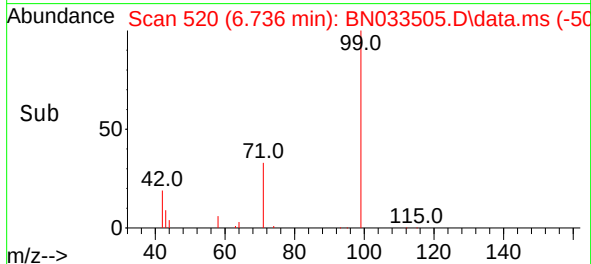
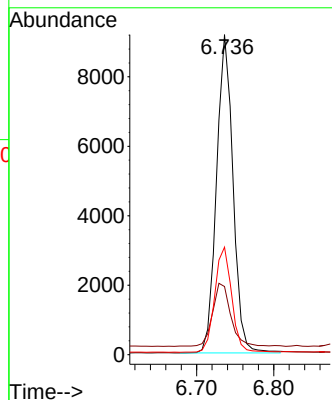
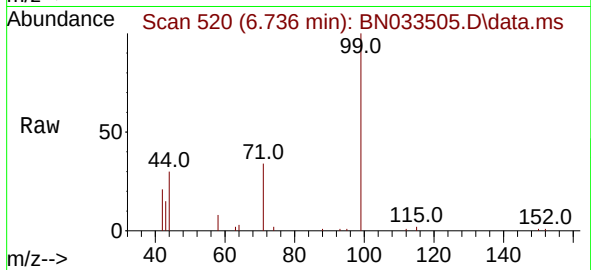




#5  
Phenol-d6  
Concen: 0.347 ng  
RT: 6.736 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

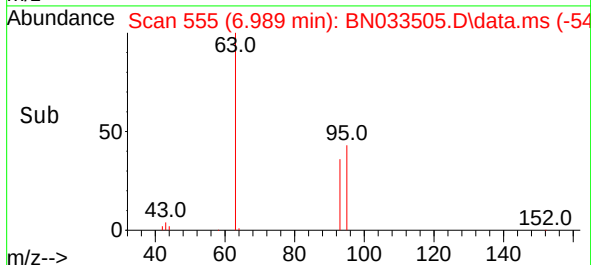
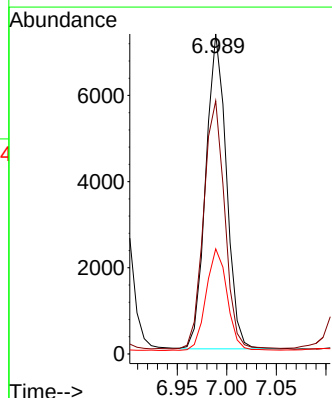
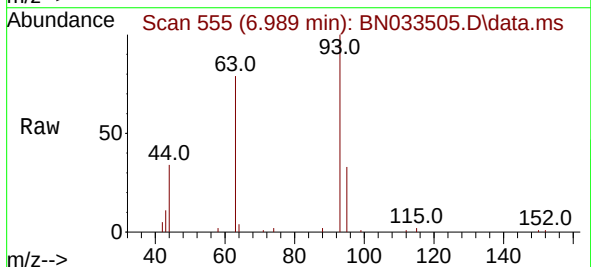
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

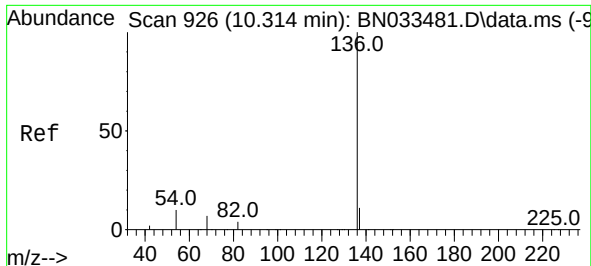
Tgt Ion: 99 Resp: 13600  
Ion Ratio Lower Upper  
99 100  
42 21.8 16.6 24.8  
71 34.0 26.2 39.4



#6  
bis(2-Chloroethyl)ether  
Concen: 0.378 ng  
RT: 6.989 min Scan# 555  
Delta R.T. -0.007 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

Tgt Ion: 93 Resp: 10509  
Ion Ratio Lower Upper  
93 100  
63 80.7 63.0 94.4  
95 33.1 26.0 39.0

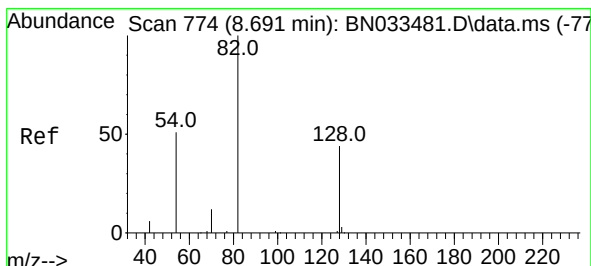
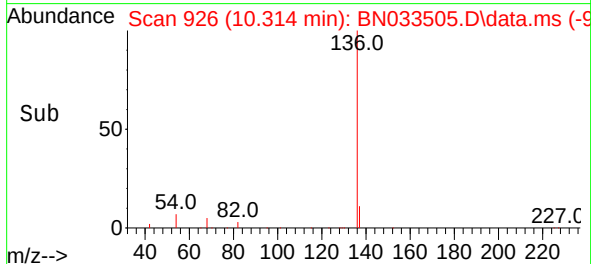
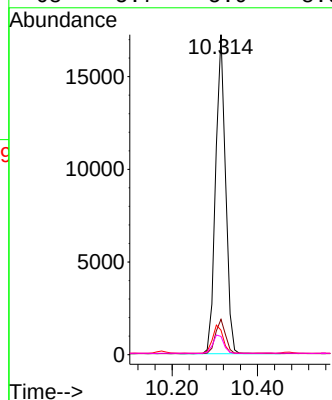
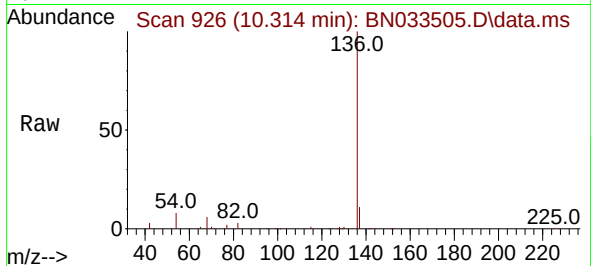




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.314 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

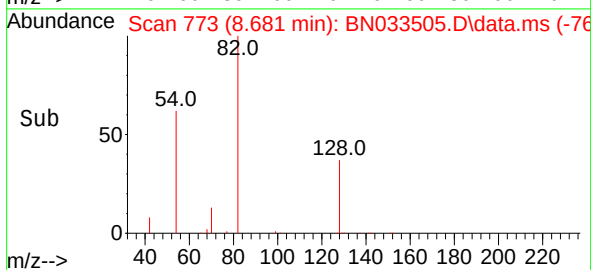
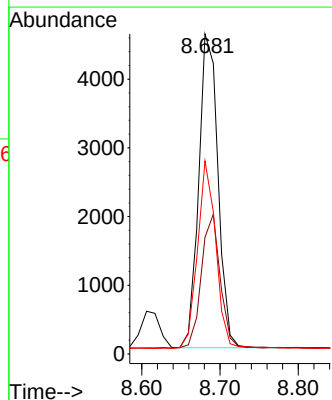
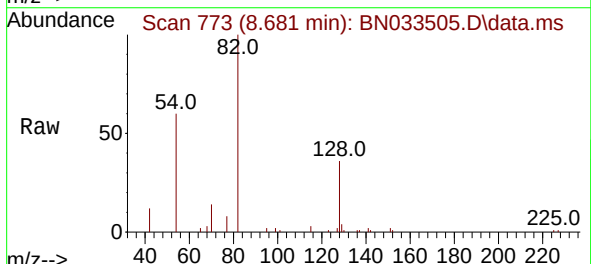
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SSTDCCC0.4EC

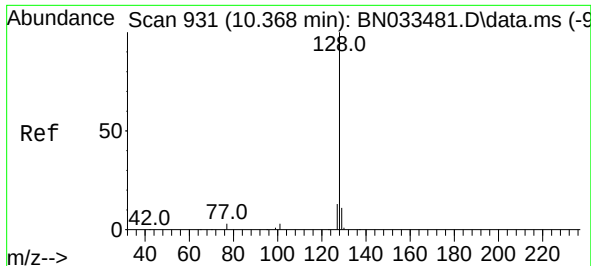
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 27856 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.1  | 9.0   | 13.6  |
| 54        | 7.6   | 8.3   | 12.5# |
| 68        | 5.7   | 5.9   | 8.9#  |



#8  
Nitrobenzene-d5  
Concen: 0.340 ng  
RT: 8.681 min Scan# 773  
Delta R.T. -0.011 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 7847 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 36.4  | 36.0  | 54.0 |
| 54        | 60.3  | 42.0  | 63.0 |

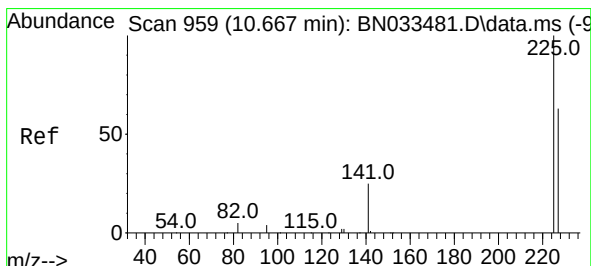
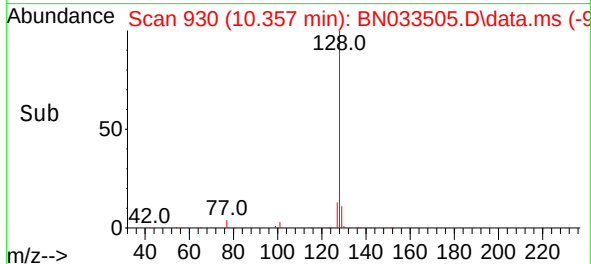
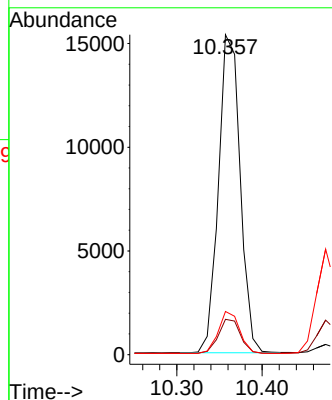
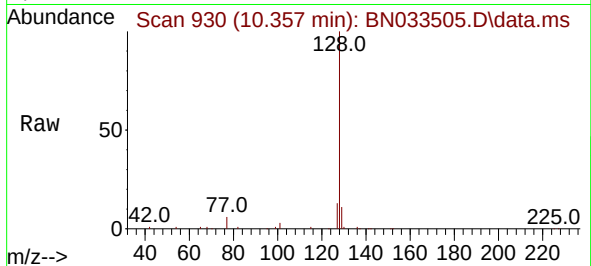




#9  
Naphthalene  
Concen: 0.364 ng  
RT: 10.357 min Scan# 911  
Delta R.T. -0.011 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

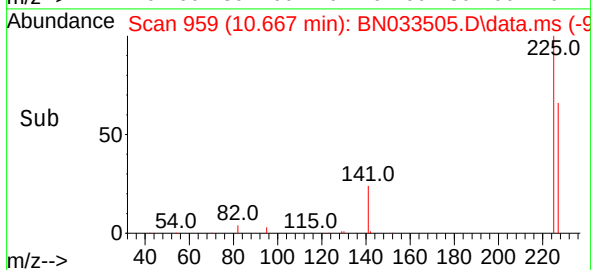
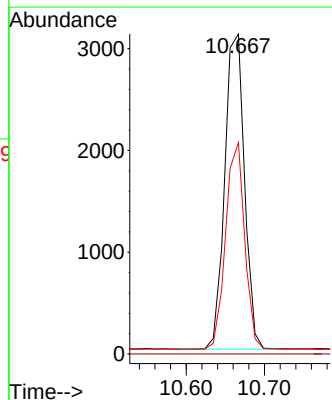
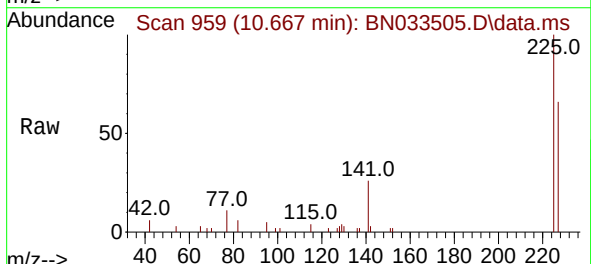
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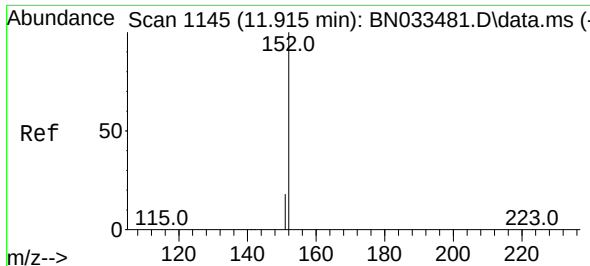
Tgt Ion:128 Resp: 27093  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.1 13.7  
127 13.5 10.7 16.1



#10  
Hexachlorobutadiene  
Concen: 0.367 ng  
RT: 10.667 min Scan# 959  
Delta R.T. -0.000 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

Tgt Ion:225 Resp: 5446  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.0 51.2 76.8





#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 11.911 min Scan# 1144

Delta R.T. -0.004 min

Lab File: BN033505.D

Acq: 20 Aug 2024 14:36

Instrument :

BNA\_N

ClientSampleId :

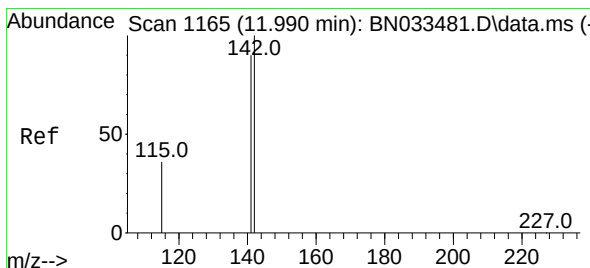
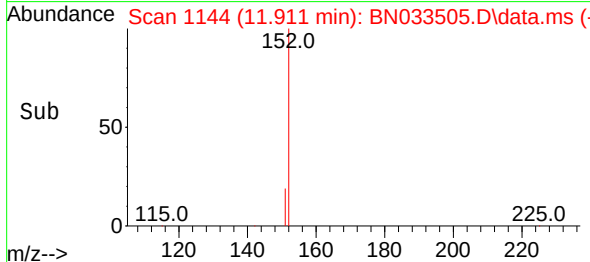
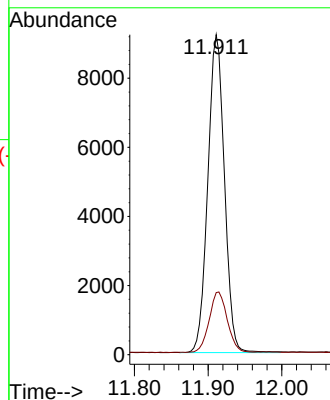
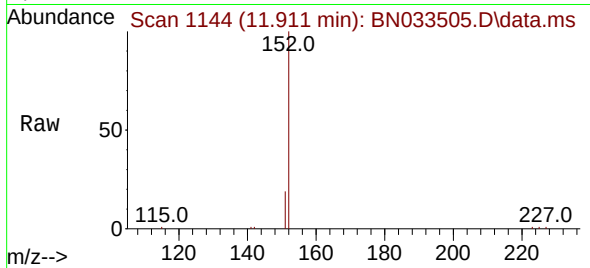
SSTDCCC0.4EC

Tgt Ion:152 Resp: 14394

Ion Ratio Lower Upper

152 100

151 20.7 16.6 25.0



#12

2-Methylnaphthalene

Concen: 0.364 ng

RT: 11.986 min Scan# 1164

Delta R.T. -0.004 min

Lab File: BN033505.D

Acq: 20 Aug 2024 14:36

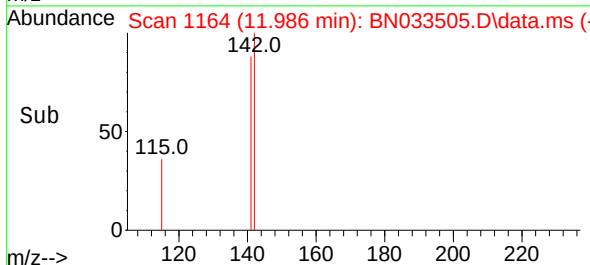
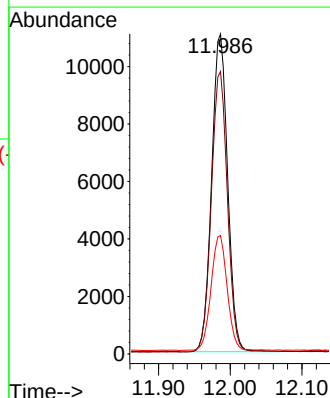
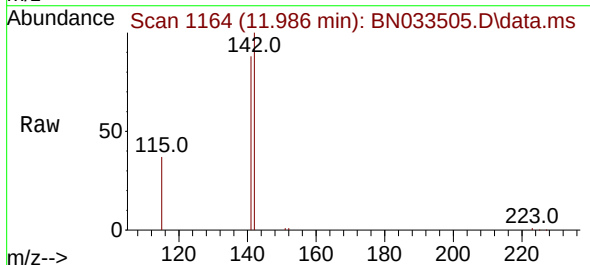
Tgt Ion:142 Resp: 17168

Ion Ratio Lower Upper

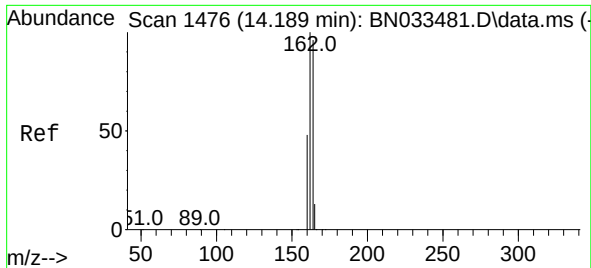
142 100

141 88.3 71.7 107.5

115 37.0 29.4 44.2



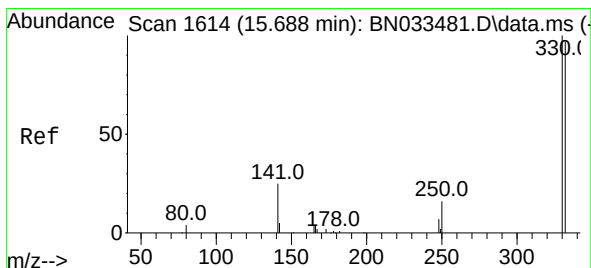
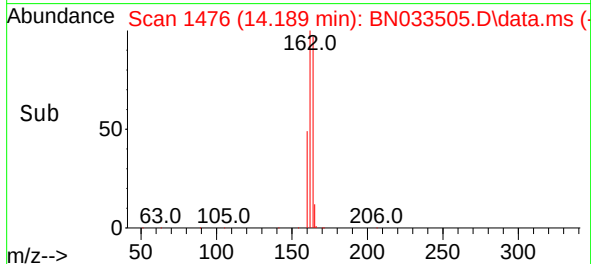
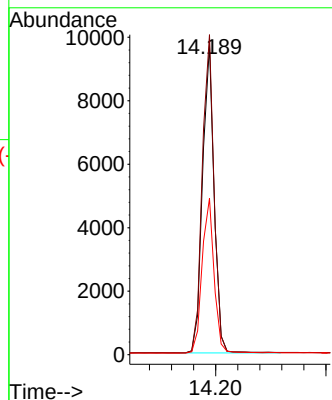
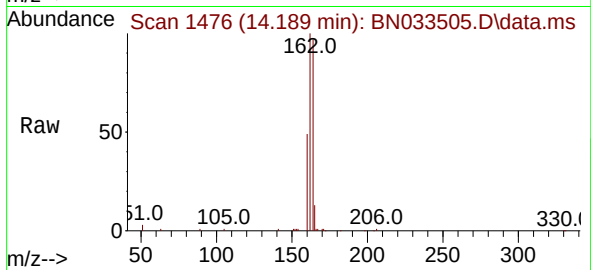




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.189 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

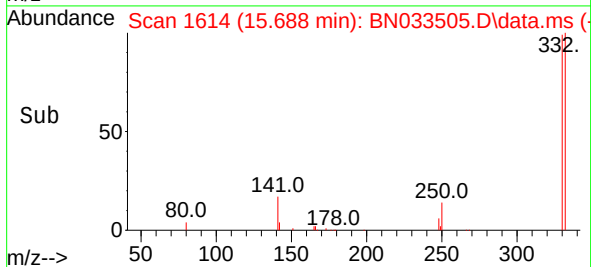
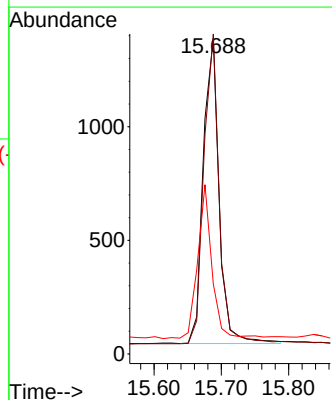
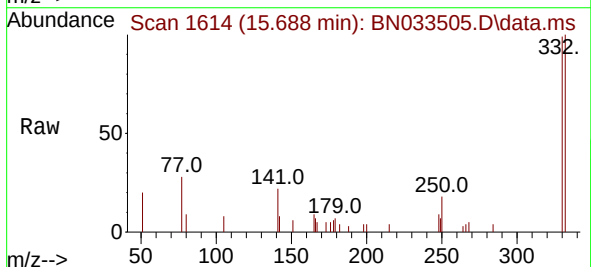
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

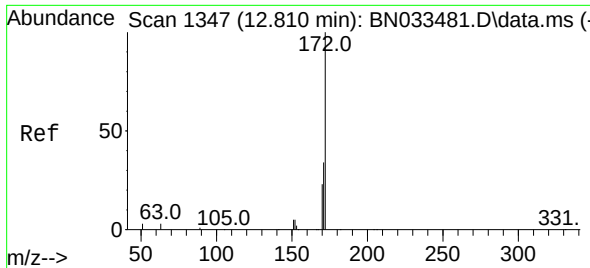
Tgt Ion:164 Resp: 14175  
Ion Ratio Lower Upper  
164 100  
162 103.4 83.5 125.3  
160 50.5 40.2 60.4



#14  
2,4,6-Tribromophenol  
Concen: 0.289 ng  
RT: 15.688 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

Tgt Ion:330 Resp: 2206  
Ion Ratio Lower Upper  
330 100  
332 97.8 77.5 116.3  
141 45.8 33.9 50.9

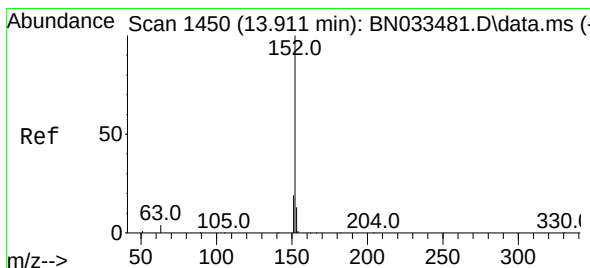
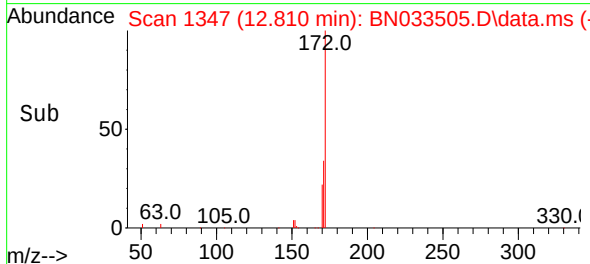
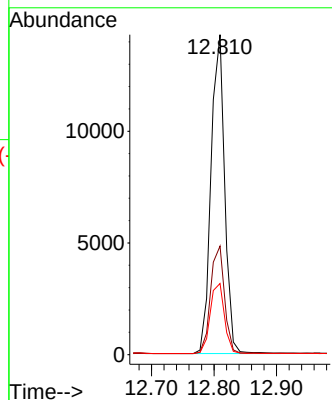
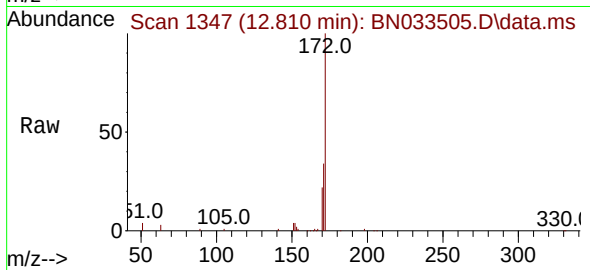




#15  
2-Fluorobiphenyl  
Concen: 0.374 ng  
RT: 12.810 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

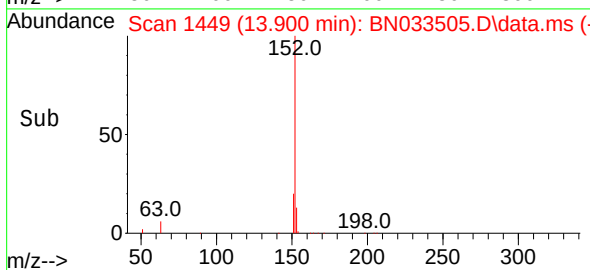
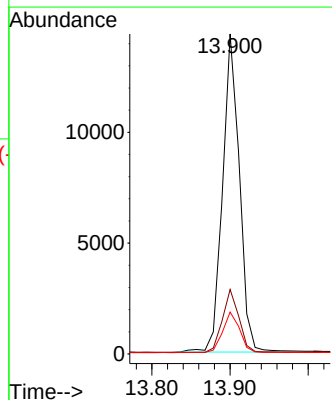
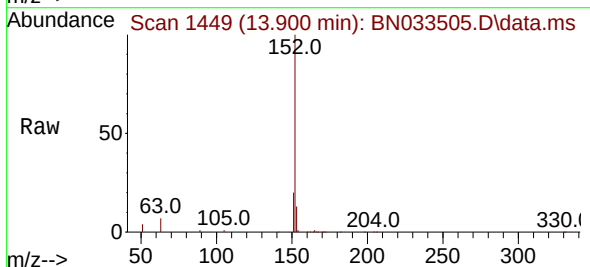
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

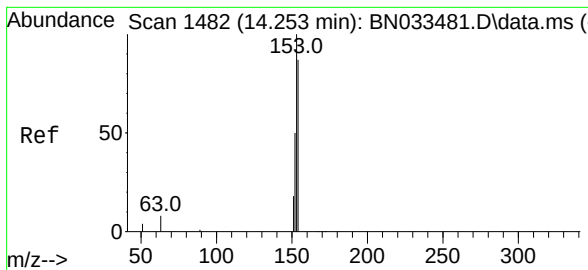
Tgt Ion:172 Resp: 21634  
Ion Ratio Lower Upper  
172 100  
171 33.9 27.7 41.5  
170 22.2 18.3 27.5



#16  
Acenaphthylene  
Concen: 0.344 ng  
RT: 13.900 min Scan# 1449  
Delta R.T. -0.011 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

Tgt Ion:152 Resp: 21398  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.7 23.5  
153 12.8 10.3 15.5

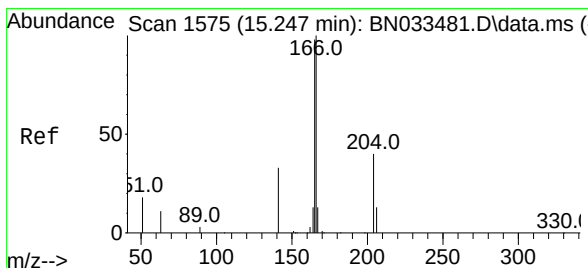
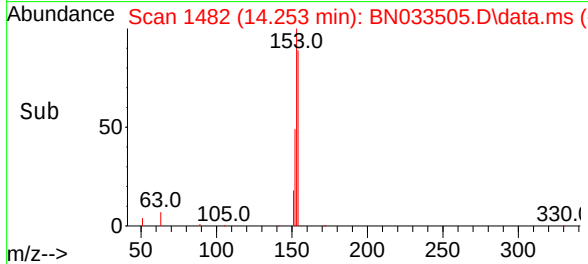
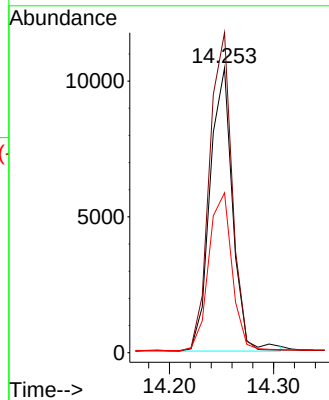
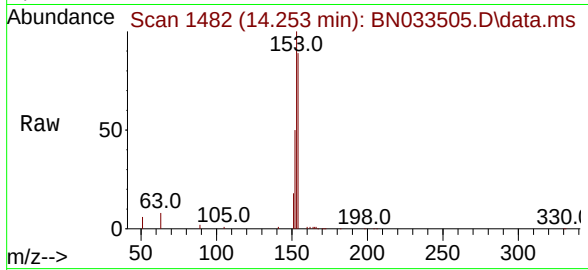




#17  
Acenaphthene  
Concen: 0.361 ng  
RT: 14.253 min Scan# 1482  
Delta R.T. -0.000 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

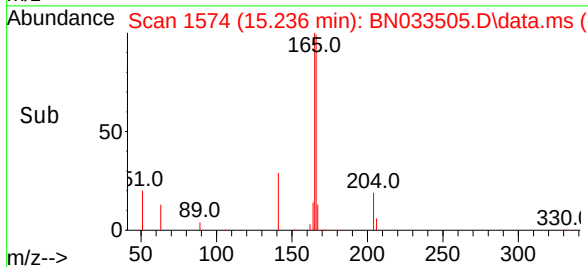
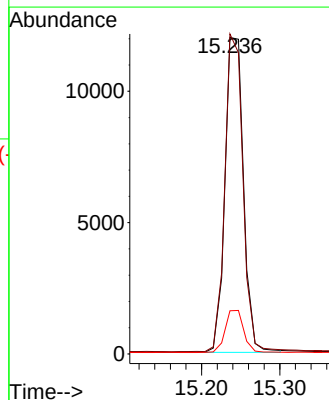
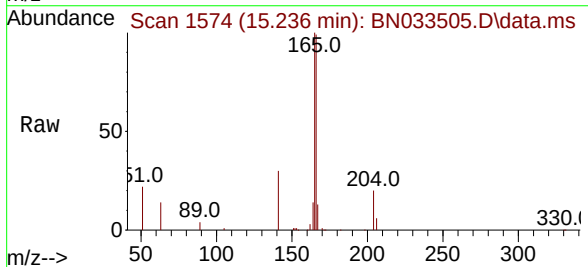
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

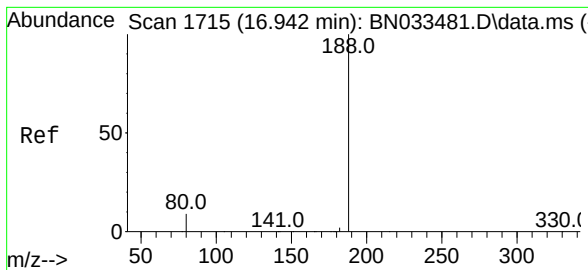
Tgt Ion:154 Resp: 15771  
Ion Ratio Lower Upper  
154 100  
153 111.9 89.0 133.6  
152 57.4 45.2 67.8



#18  
Fluorene  
Concen: 0.357 ng  
RT: 15.236 min Scan# 1574  
Delta R.T. -0.011 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

Tgt Ion:166 Resp: 19667  
Ion Ratio Lower Upper  
166 100  
165 98.1 78.2 117.4  
167 13.5 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033505.D

Acq: 20 Aug 2024 14:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

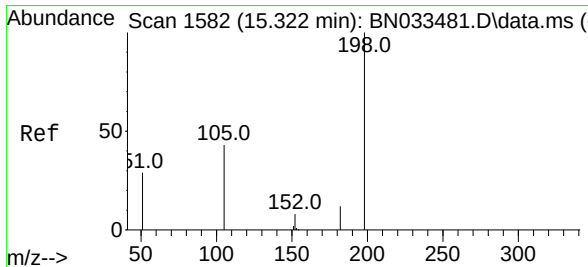
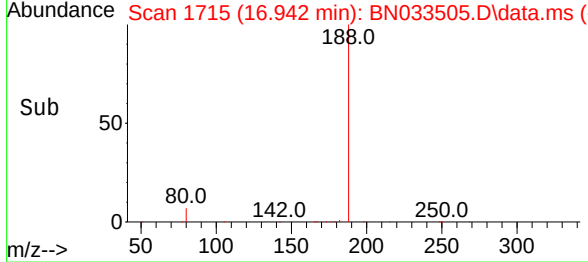
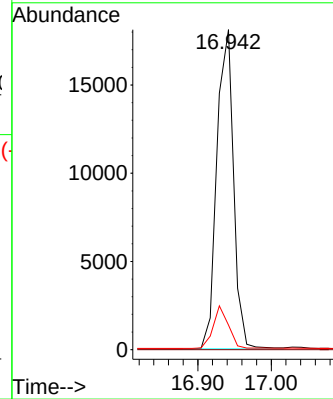
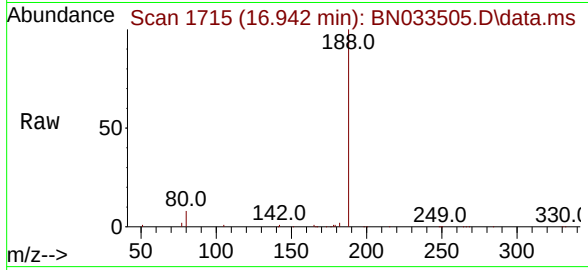
Tgt Ion:188 Resp: 28560

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.7 7.8 11.8#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.277 ng

RT: 15.322 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BN033505.D

Acq: 20 Aug 2024 14:36

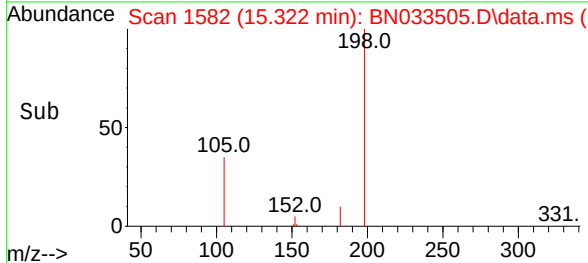
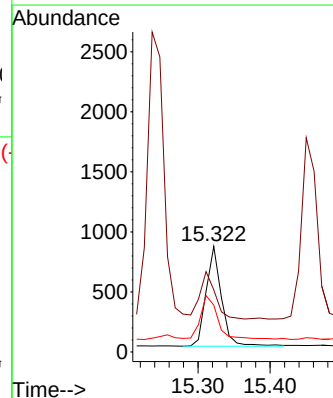
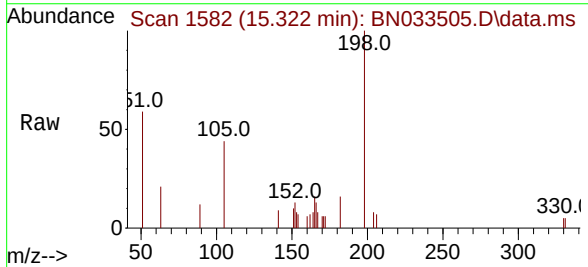
Tgt Ion:198 Resp: 1237

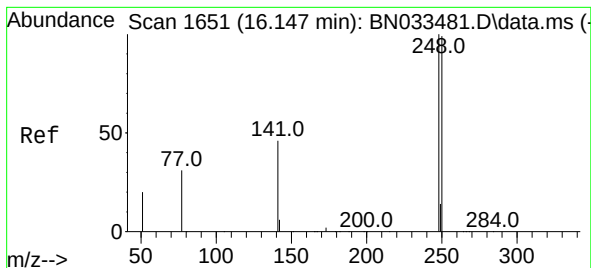
Ion Ratio Lower Upper

198 100

51 58.8 65.1 97.7#

105 44.4 44.8 67.2#

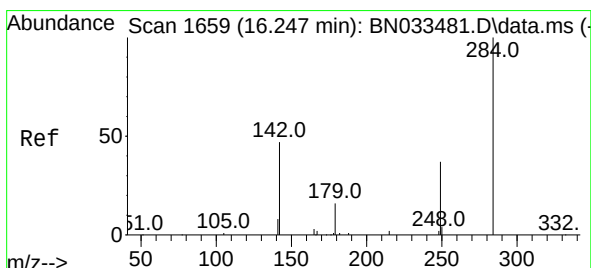
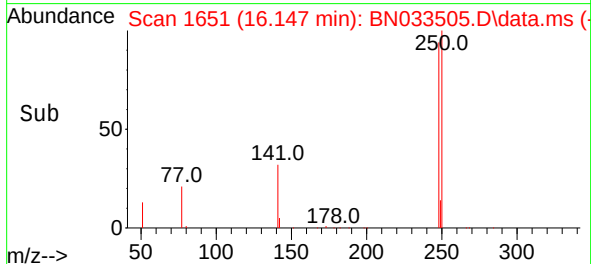
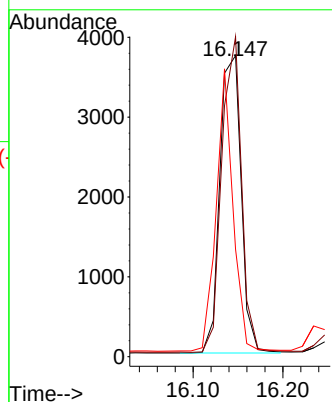
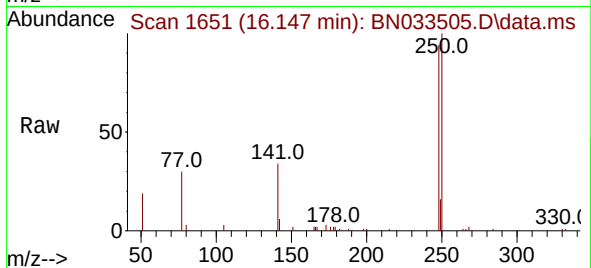




#21  
4-Bromophenyl-phenylether  
Concen: 0.355 ng  
RT: 16.147 min Scan# 1651  
Delta R.T. -0.000 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

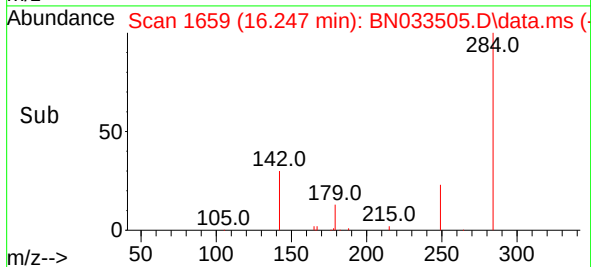
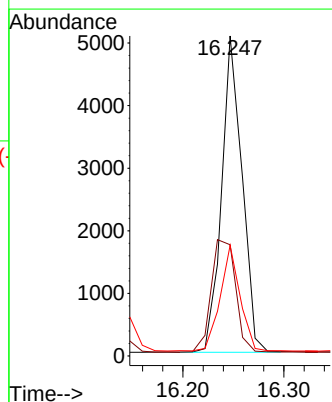
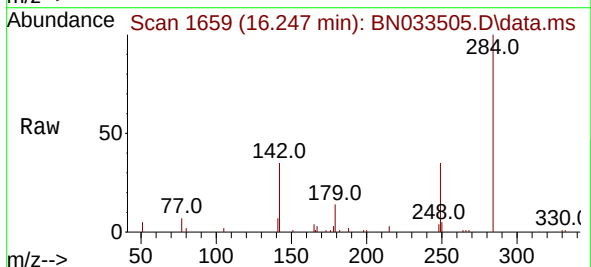
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

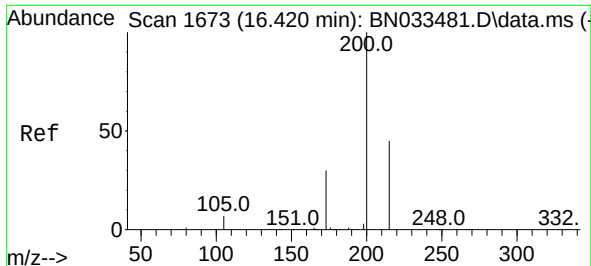
Tgt Ion:248 Resp: 6156  
Ion Ratio Lower Upper  
248 100  
250 106.3 79.2 118.8  
141 35.6 37.9 56.9#



#22  
Hexachlorobenzene  
Concen: 0.371 ng  
RT: 16.247 min Scan# 1659  
Delta R.T. -0.000 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

Tgt Ion:284 Resp: 7112  
Ion Ratio Lower Upper  
284 100  
142 42.3 31.8 47.6  
249 32.4 26.0 39.0

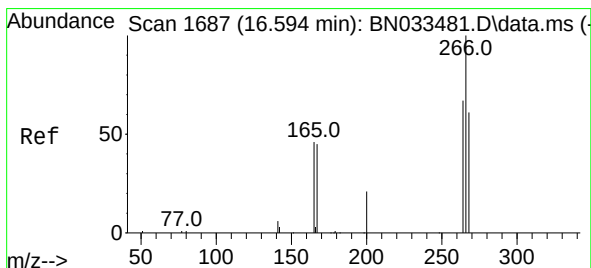
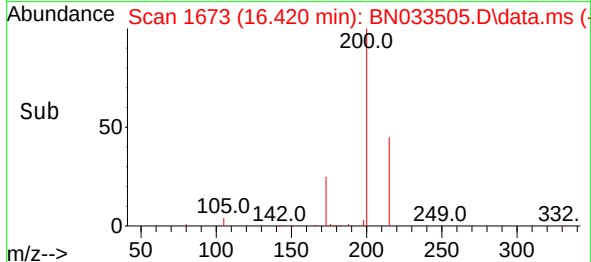
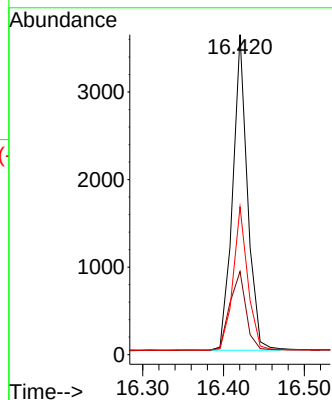
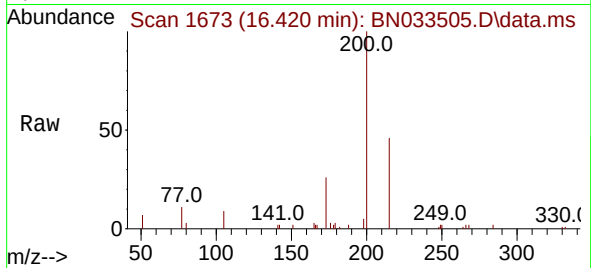




#23  
Atrazine  
Concen: 0.330 ng  
RT: 16.420 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

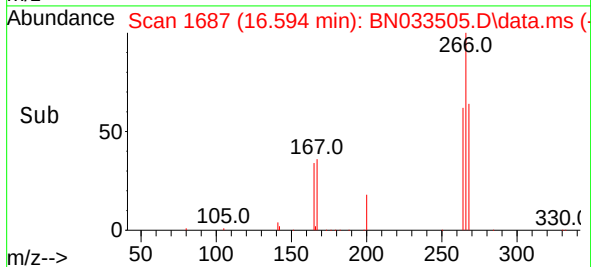
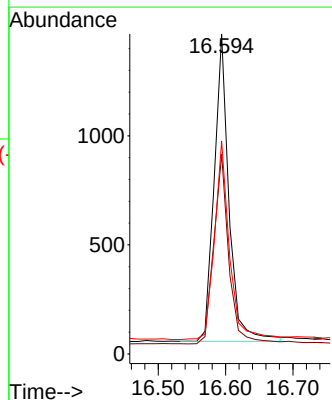
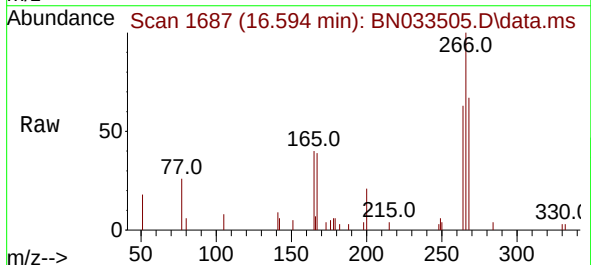
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

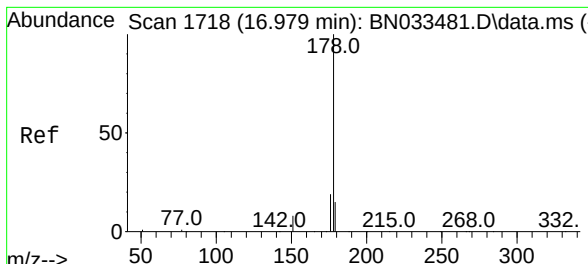
Tgt Ion:200 Resp: 4572  
Ion Ratio Lower Upper  
200 100  
173 26.0 25.3 37.9  
215 46.2 36.6 54.8



#24  
Pentachlorophenol  
Concen: 0.260 ng  
RT: 16.594 min Scan# 1687  
Delta R.T. -0.000 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

Tgt Ion:266 Resp: 2154  
Ion Ratio Lower Upper  
266 100  
264 62.7 51.9 77.9  
268 65.6 51.0 76.4



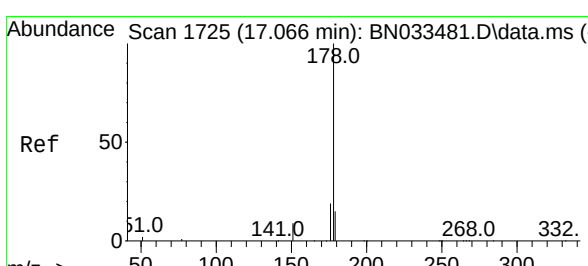
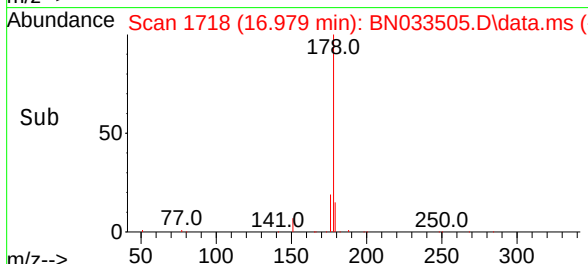
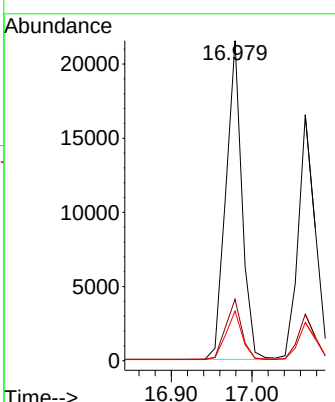
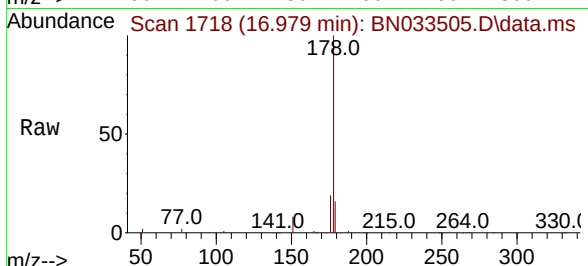


#25  
 Phenanthrene  
 Concen: 0.374 ng  
 RT: 16.979 min Scan# 1718  
 Delta R.T. -0.000 min  
 Lab File: BN033505.D  
 Acq: 20 Aug 2024 14:36

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Tgt Ion:178 Resp: 29719

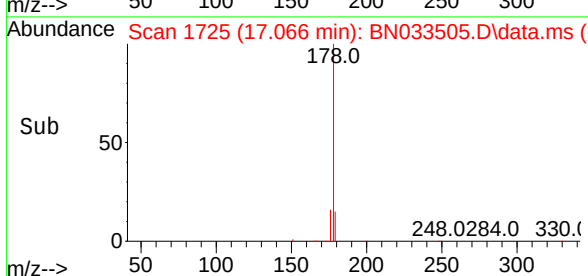
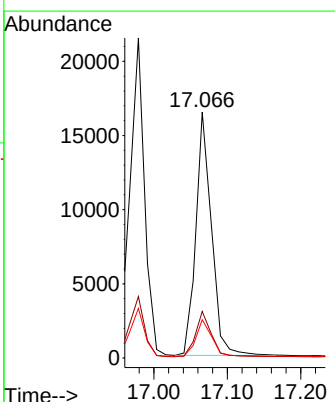
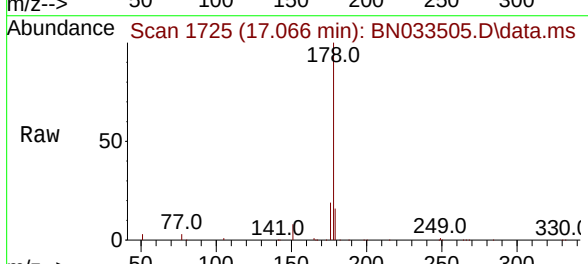
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.1  | 15.3  | 22.9  |
| 179 | 15.1  | 12.3  | 18.5  |

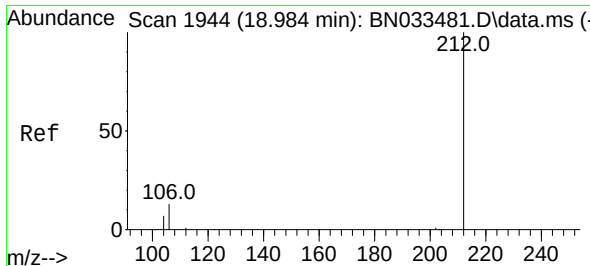


#26  
 Anthracene  
 Concen: 0.346 ng  
 RT: 17.066 min Scan# 1725  
 Delta R.T. -0.000 min  
 Lab File: BN033505.D  
 Acq: 20 Aug 2024 14:36

Tgt Ion:178 Resp: 24309

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.5  | 15.0  | 22.6  |
| 179 | 15.3  | 12.4  | 18.6  |

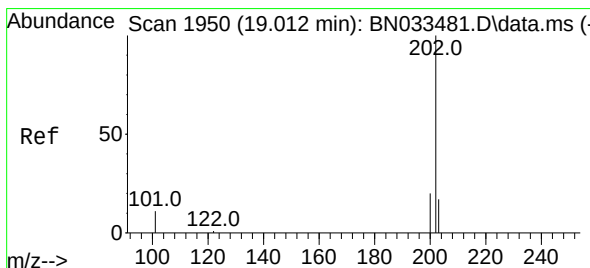
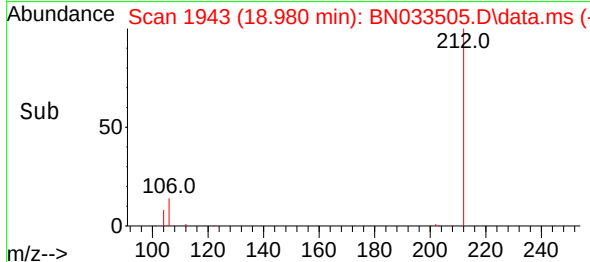
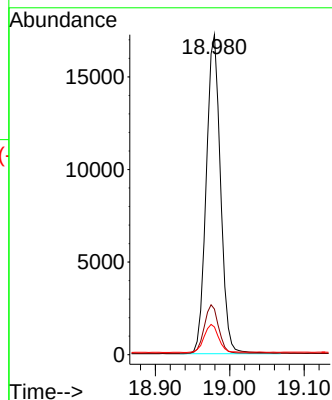
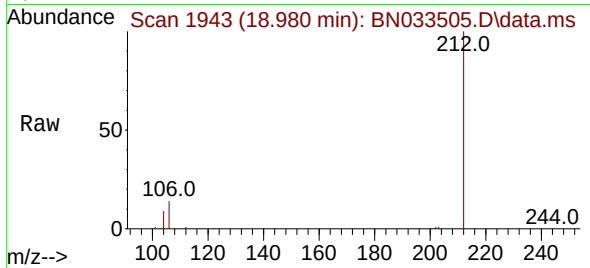




#27  
Fluoranthene-d10  
Concen: 0.334 ng  
RT: 18.980 min Scan# 1943  
Delta R.T. -0.005 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

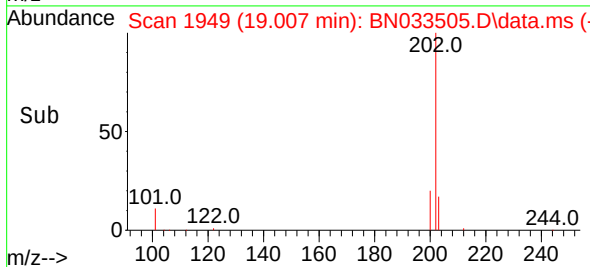
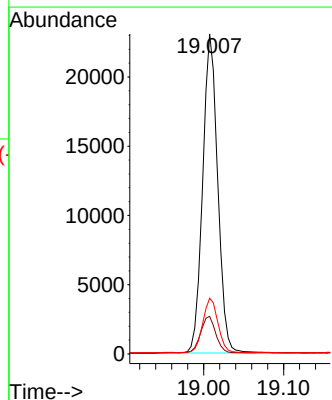
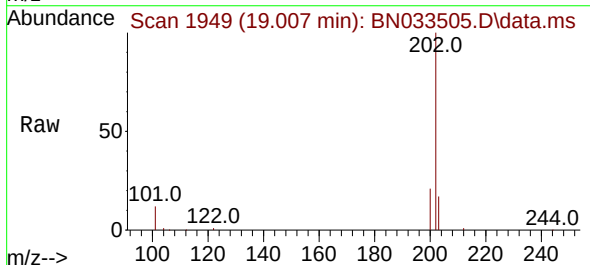
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:212 Resp: 22898  
Ion Ratio Lower Upper  
212 100  
106 15.3 12.3 18.5  
104 8.9 7.0 10.4

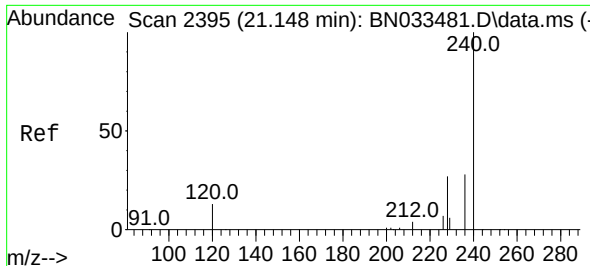


#28  
Fluoranthene  
Concen: 0.342 ng  
RT: 19.007 min Scan# 1949  
Delta R.T. -0.005 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

Tgt Ion:202 Resp: 30006  
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: 21.148 min Scan# 24

Delta R.T. -0.000 min

Lab File: BN033505.D

Acq: 20 Aug 2024 14:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

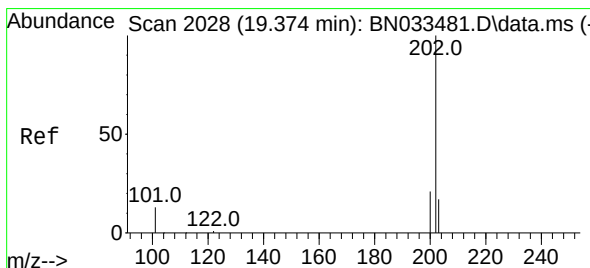
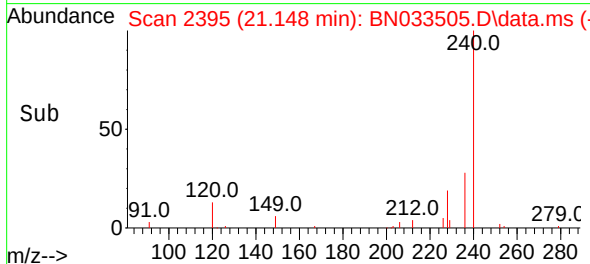
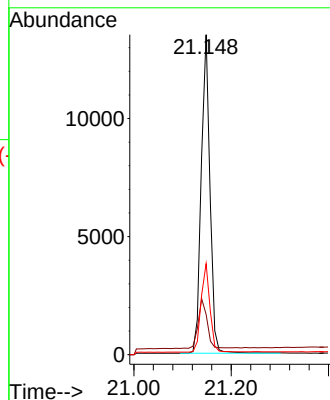
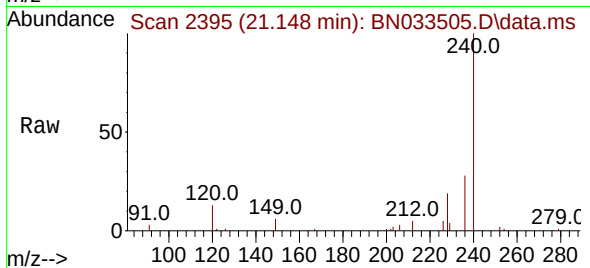
Tgt Ion:240 Resp: 16718

Ion Ratio Lower Upper

240 100

120 12.6 12.4 18.6

236 28.5 23.0 34.6



#30

Pyrene

Concen: 0.399 ng

RT: 19.370 min Scan# 2027

Delta R.T. -0.005 min

Lab File: BN033505.D

Acq: 20 Aug 2024 14:36

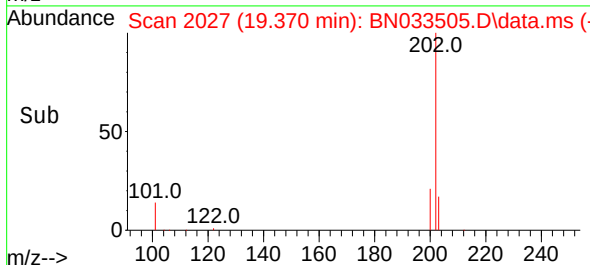
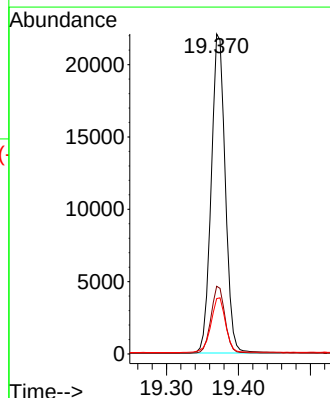
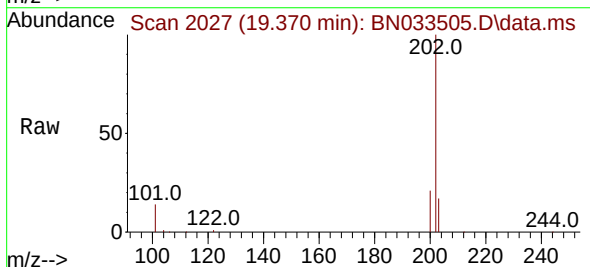
Tgt Ion:202 Resp: 29766

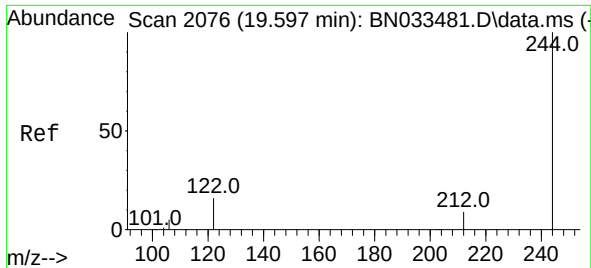
Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

203 17.9 14.2 21.4

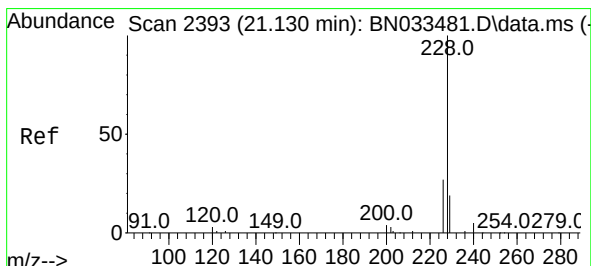
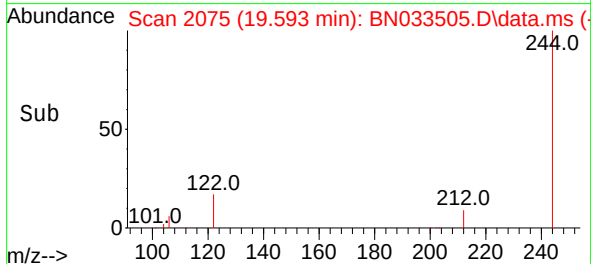
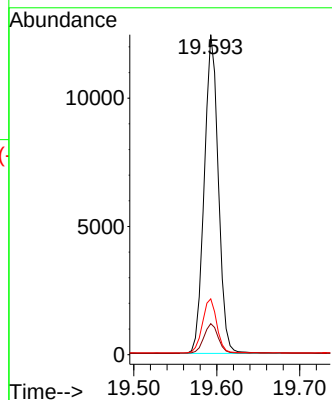
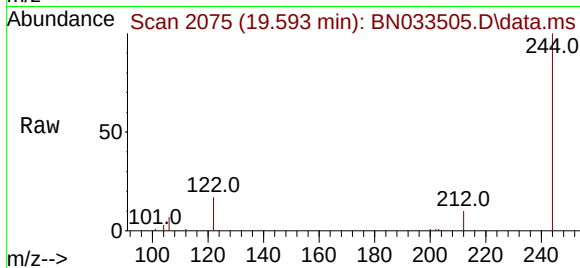




#31  
Terphenyl-d14  
Concen: 0.387 ng  
RT: 19.593 min Scan# 2075  
Delta R.T. -0.005 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

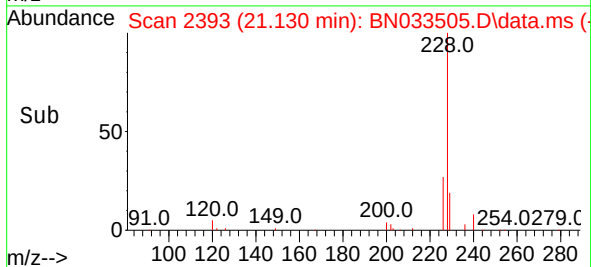
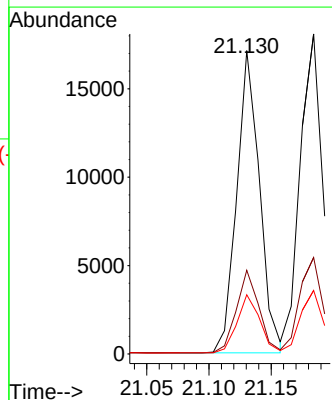
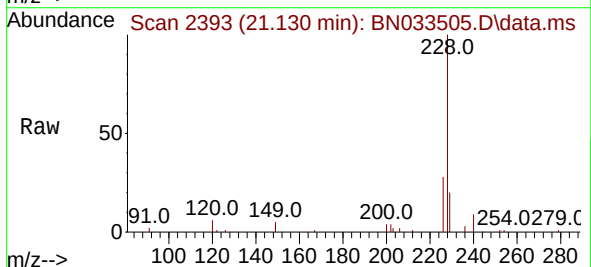
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

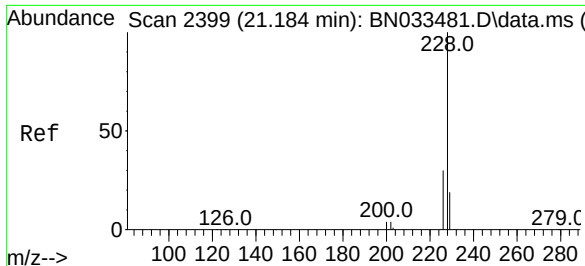
Tgt Ion:244 Resp: 14717  
Ion Ratio Lower Upper  
244 100  
212 9.7 7.8 11.6  
122 17.4 13.3 19.9



#32  
Benzo(a)anthracene  
Concen: 0.359 ng  
RT: 21.130 min Scan# 2393  
Delta R.T. -0.000 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

Tgt Ion:228 Resp: 21719  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.8 32.6  
229 19.5 15.8 23.6

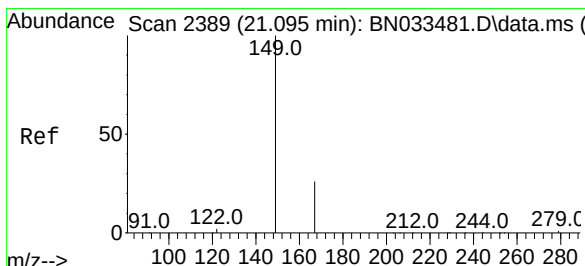
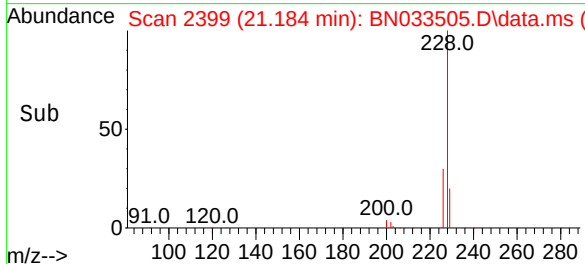
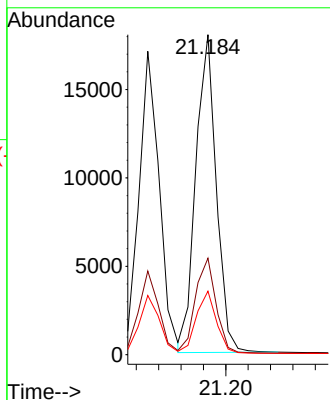
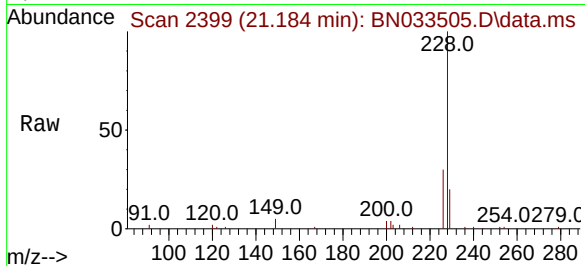




#33  
Chrysene  
Concen: 0.381 ng  
RT: 21.184 min Scan# 2399  
Delta R.T. -0.000 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

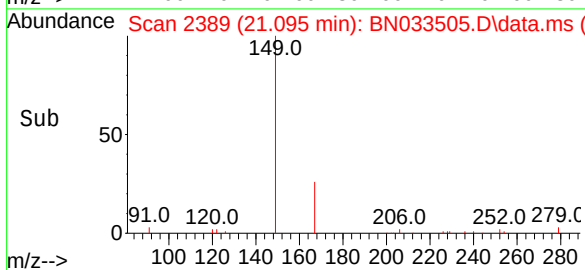
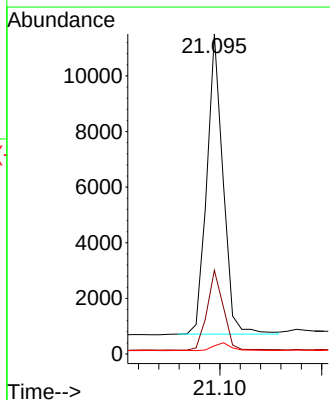
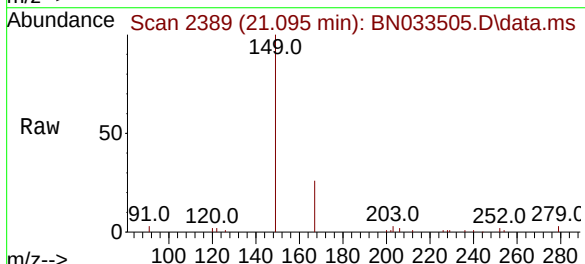
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

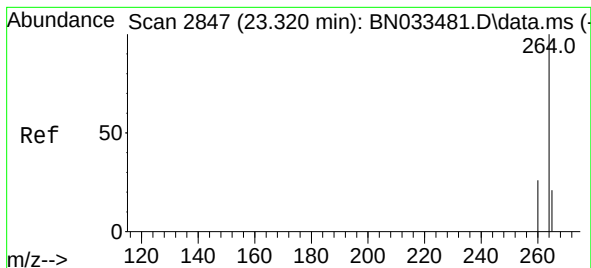
Tgt Ion:228 Resp: 22894  
Ion Ratio Lower Upper  
228 100  
226 30.1 23.8 35.8  
229 19.8 15.6 23.4



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.312 ng  
RT: 21.095 min Scan# 2389  
Delta R.T. -0.000 min  
Lab File: BN033505.D  
Acq: 20 Aug 2024 14:36

Tgt Ion:149 Resp: 11937  
Ion Ratio Lower Upper  
149 100  
167 26.6 21.5 32.3  
279 2.8 2.2 3.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.317 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033505.D

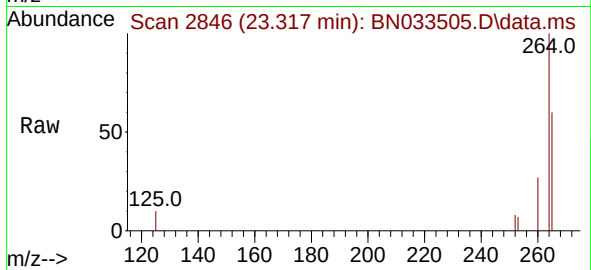
Acq: 20 Aug 2024 14:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



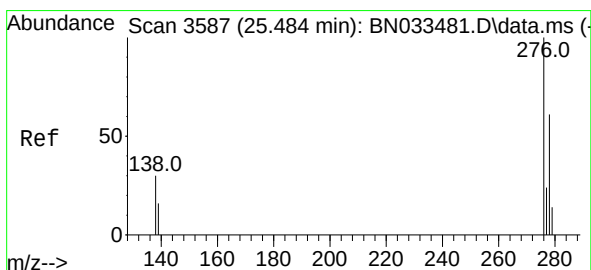
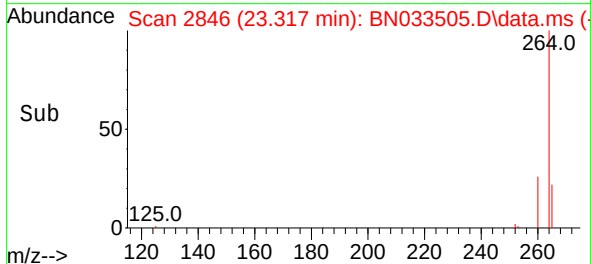
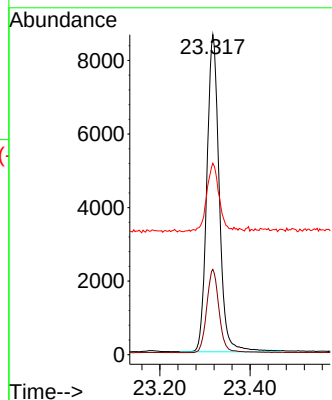
Tgt Ion:264 Resp: 16422

Ion Ratio Lower Upper

264 100

260 26.6 20.8 31.2

265 59.8 52.2 78.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.375 ng

RT: 25.475 min Scan# 3584

Delta R.T. -0.009 min

Lab File: BN033505.D

Acq: 20 Aug 2024 14:36

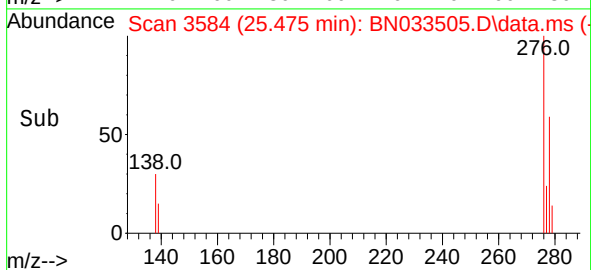
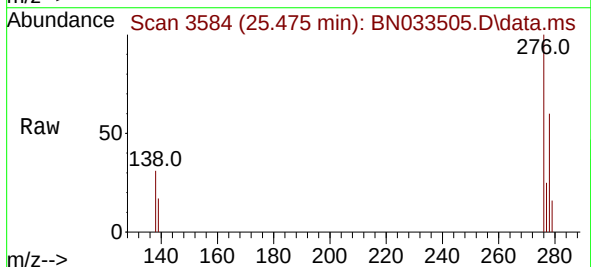
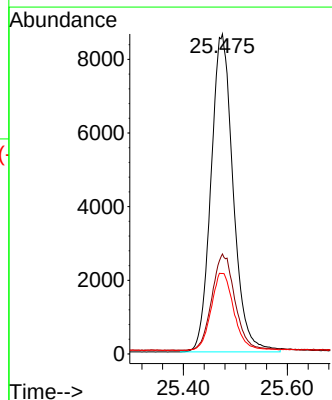
Tgt Ion:276 Resp: 25584

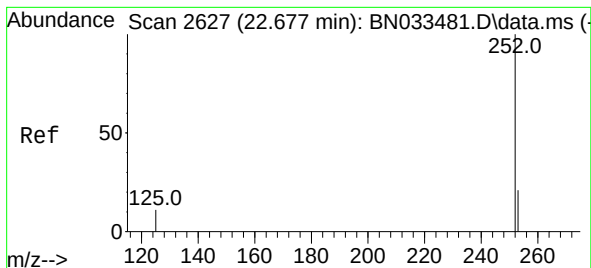
Ion Ratio Lower Upper

276 100

138 31.5 24.4 36.6

277 24.8 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.364 ng

RT: 22.671 min Scan# 2625

Delta R.T. -0.006 min

Lab File: BN033505.D

Acq: 20 Aug 2024 14:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

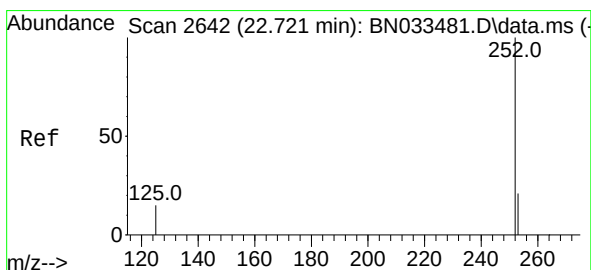
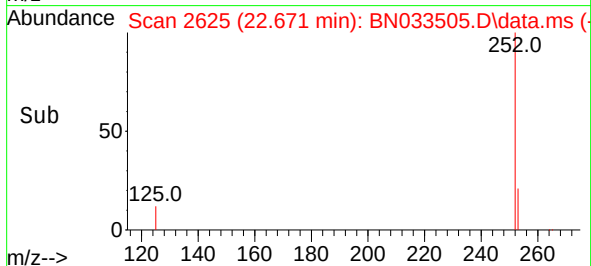
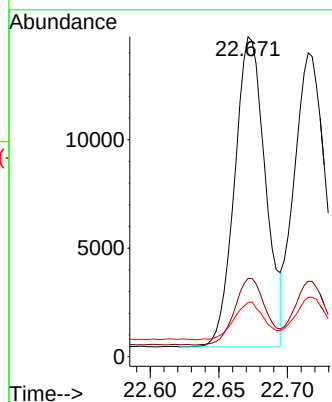
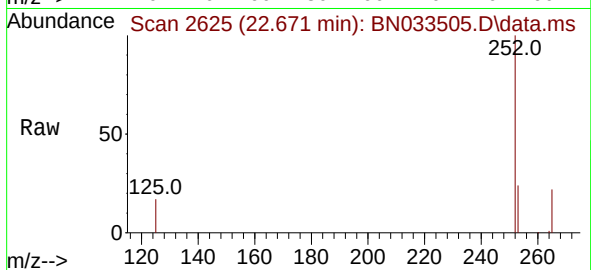
Tgt Ion:252 Resp: 22315

Ion Ratio Lower Upper

252 100

253 24.4 19.8 29.8

125 16.9 13.9 20.9



#38

Benzo(k)fluoranthene

Concen: 0.364 ng

RT: 22.715 min Scan# 2640

Delta R.T. -0.006 min

Lab File: BN033505.D

Acq: 20 Aug 2024 14:36

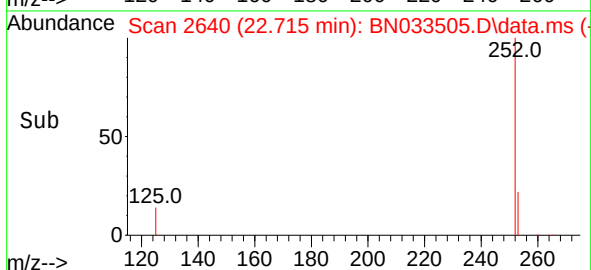
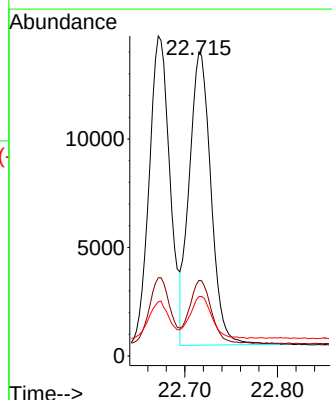
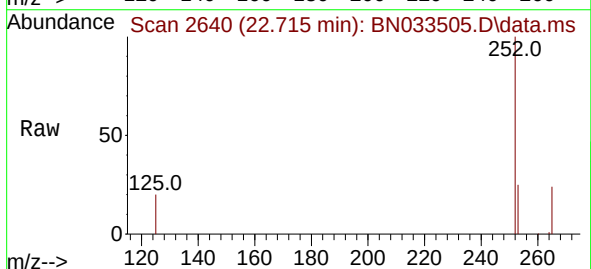
Tgt Ion:252 Resp: 21979

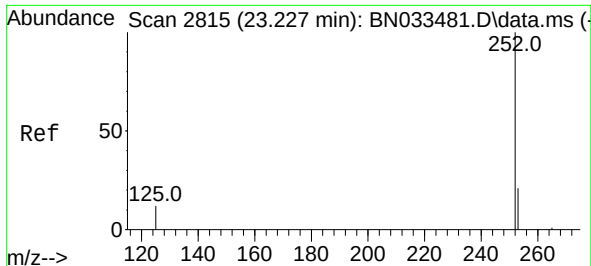
Ion Ratio Lower Upper

252 100

253 24.8 19.8 29.8

125 19.5 15.8 23.8





#39

Benzo(a)pyrene

Concen: 0.353 ng

RT: 23.224 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033505.D

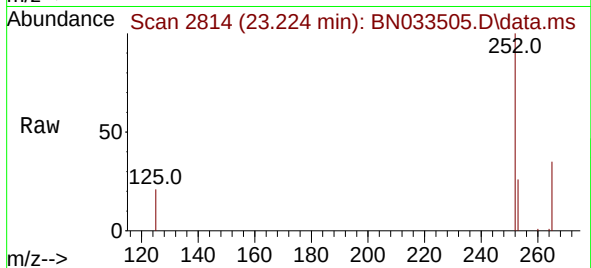
Acq: 20 Aug 2024 14:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



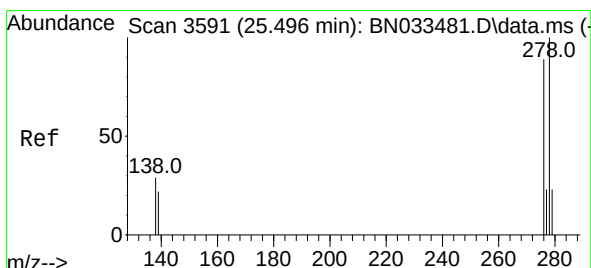
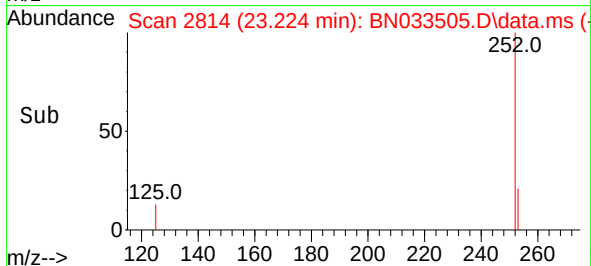
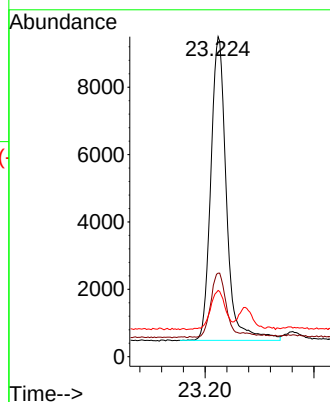
Tgt Ion:252 Resp: 17894

Ion Ratio Lower Upper

252 100

253 26.1 21.5 32.3

125 20.7 17.0 25.4



#40

Dibenzo(a,h)anthracene

Concen: 0.376 ng

RT: 25.487 min Scan# 3588

Delta R.T. -0.009 min

Lab File: BN033505.D

Acq: 20 Aug 2024 14:36

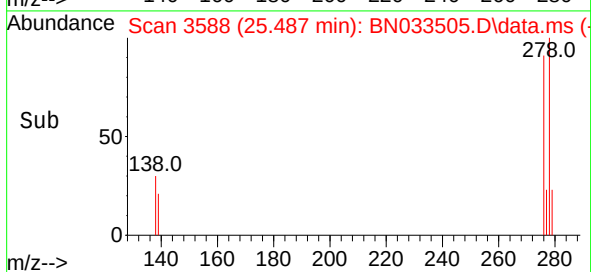
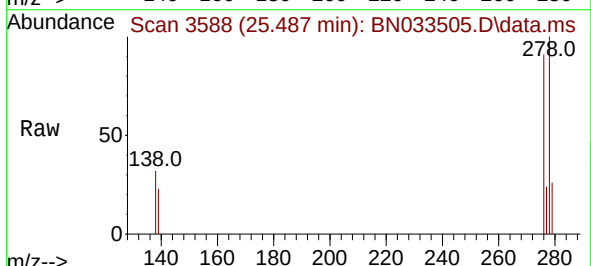
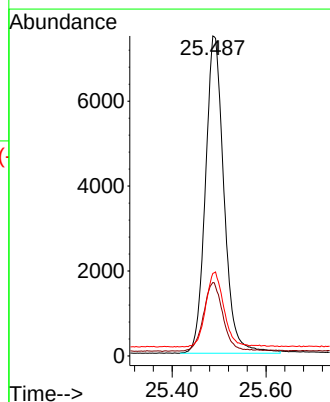
Tgt Ion:278 Resp: 20487

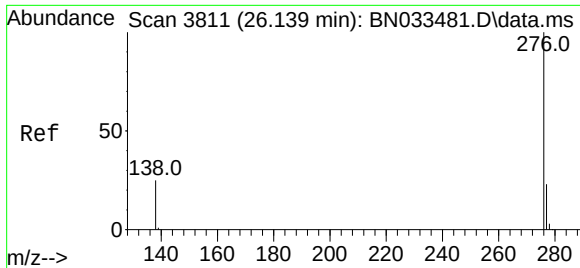
Ion Ratio Lower Upper

278 100

139 23.0 19.1 28.7

279 25.8 21.0 31.4





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.371 ng  
 RT: 26.124 min Scan# 3806  
 Delta R.T. -0.015 min  
 Lab File: BN033505.D  
 Acq: 20 Aug 2024 14:36

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 21618 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.6  | 19.7  | 29.5  |
| 138       | 27.6  | 21.8  | 32.6  |

