

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092024\  
 Data File : BN034060.D  
 Acq On : 19 Sep 2024 22:43  
 Operator : JU/RC  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Sep 20 02:31:09 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 18 16:09:28 2024  
 Response via : Initial Calibration

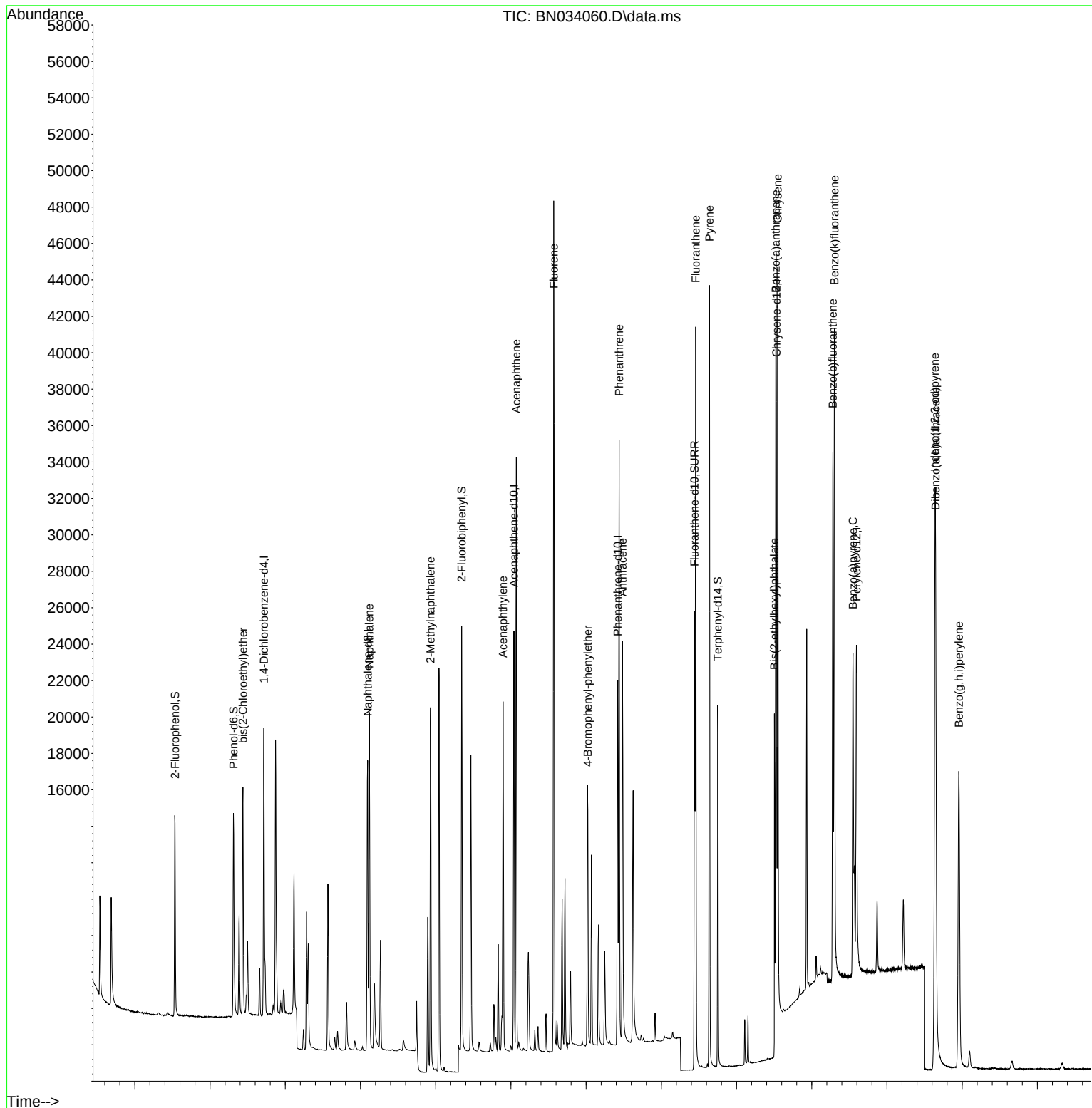
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.431  | 152  | 7462     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.191 | 136  | 21928    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.079 | 164  | 12485    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.840 | 188  | 28454    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.060 | 240  | 22128    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.187 | 264  | 23533    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.069  | 112  | 8907     | 0.421 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.622  | 99   | 10442    | 0.424 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.568  | 82   | 6367     | 0.380 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.788 | 152  | 12642    | 0.390 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.586 | 330  | 2352     | 0.416 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.690 | 172  | 20503    | 0.404 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 18.883 | 212  | 27678    | 0.386 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.501 | 244  | 18537    | 0.419 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.076  | 88   | 3683     | 0.395 | ng    | 95       |
| 3) n-Nitrosodimethylamine     | 3.372  | 42   | 4220     | 0.397 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 6.874  | 93   | 8515     | 0.391 | ng    | 99       |
| 9) Naphthalene                | 10.233 | 128  | 23610    | 0.392 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.532 | 225  | 4541     | 0.400 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 11.863 | 142  | 15209    | 0.388 | ng    | 100      |
| 16) Acenaphthylene            | 13.791 | 152  | 20387    | 0.381 | ng    | 100      |
| 17) Acenaphthene              | 14.144 | 154  | 15323    | 0.400 | ng    | 99       |
| 18) Fluorene                  | 15.138 | 166  | 20056    | 0.399 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.234 | 198  | 1264     | 0.377 | ng    | # 64     |
| 21) 4-Bromophenyl-phenylether | 16.046 | 248  | 6104     | 0.382 | ng    | 97       |
| 22) Hexachlorobenzene         | 16.145 | 284  | 7130     | 0.398 | ng    | 97       |
| 23) Atrazine                  | 16.331 | 200  | 5931     | 0.447 | ng    | 97       |
| 24) Pentachlorophenol         | 16.493 | 266  | 2710     | 0.457 | ng    | 99       |
| 25) Phenanthrene              | 16.877 | 178  | 32342    | 0.396 | ng    | 100      |
| 26) Anthracene                | 16.964 | 178  | 24925    | 0.374 | ng    | 100      |
| 28) Fluoranthene              | 18.911 | 202  | 36952    | 0.390 | ng    | 100      |
| 30) Pyrene                    | 19.278 | 202  | 38397    | 0.411 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.042 | 228  | 27491    | 0.393 | ng    | 100      |
| 33) Chrysene                  | 21.095 | 228  | 34421    | 0.412 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.006 | 149  | 11517    | 0.395 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.277 | 276  | 39600    | 0.393 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.561 | 252  | 33971    | 0.369 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.602 | 252  | 39042    | 0.403 | ng    | 97       |
| 39) Benzo(a)pyrene            | 23.096 | 252  | 28259    | 0.376 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 25.295 | 278  | 29795    | 0.380 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 25.912 | 276  | 32224    | 0.366 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

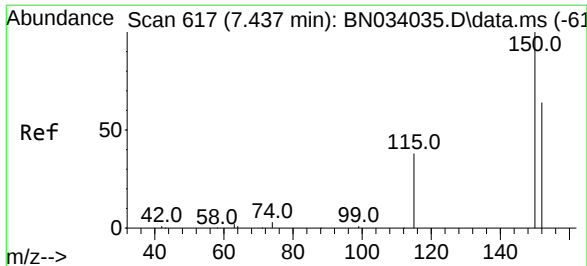
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
SSTDCCC0.4

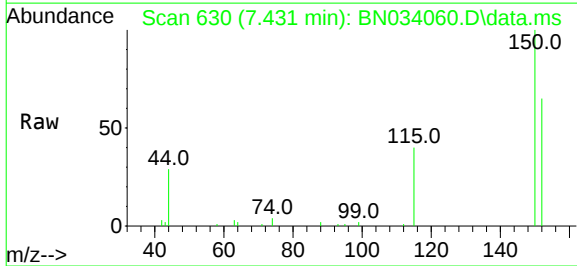
Quant Time: Sep 20 02:31:09 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 18 16:09:28 2024  
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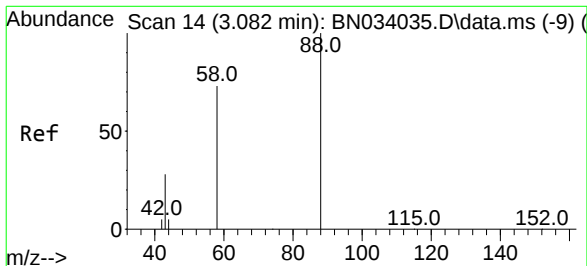
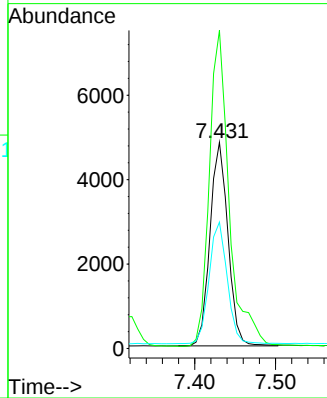
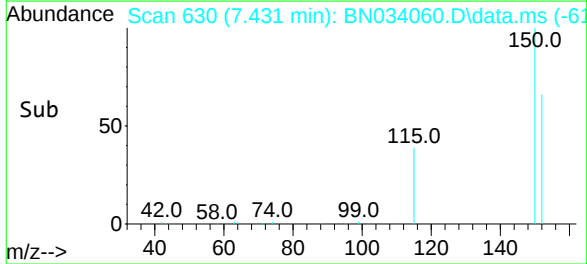


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.431 min Scan# 63  
Delta R.T. -0.006 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

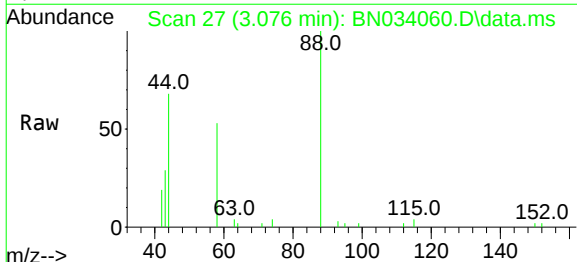
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



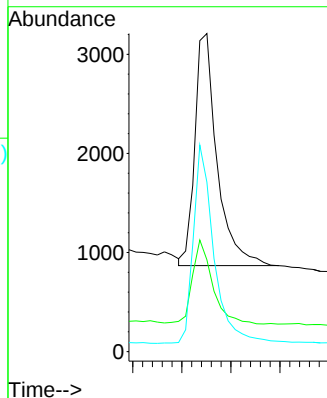
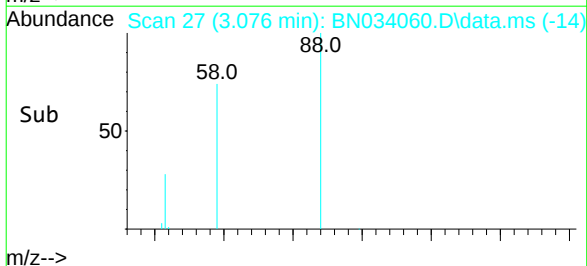
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Ion Ratio Lower Upper  
152 100  
150 154.3 124.6 187.0  
115 61.3 50.0 75.0

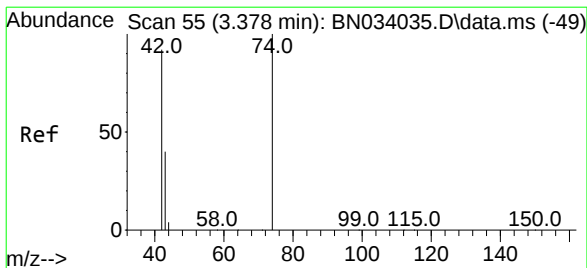


#2  
1,4-Dioxane  
Concen: 0.395 ng  
RT: 3.076 min Scan# 27  
Delta R.T. -0.006 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43



Tgt Ion: 88 Resp: 3683  
Ion Ratio Lower Upper  
88 100  
43 32.9 25.8 38.8  
58 79.2 58.8 88.2

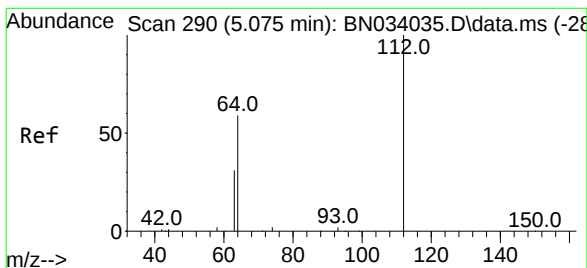
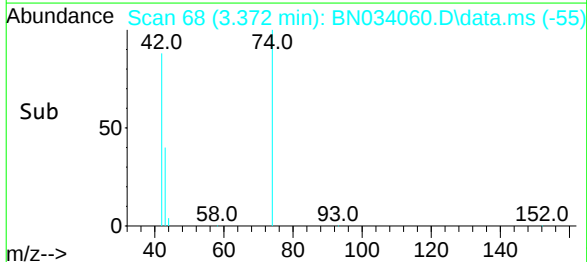
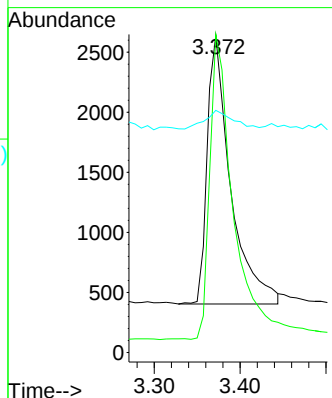
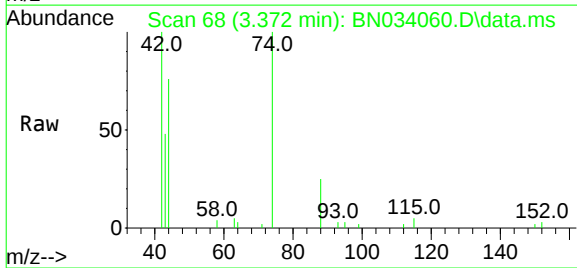




#3  
n-Nitrosodimethylamine  
Concen: 0.397 ng  
RT: 3.372 min Scan# 68  
Delta R.T. -0.006 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

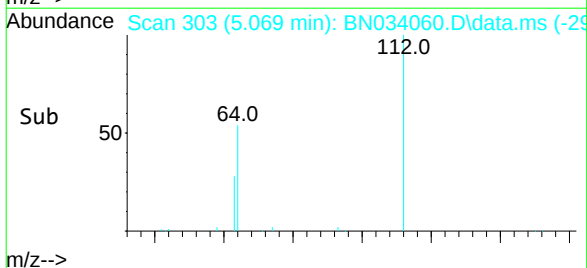
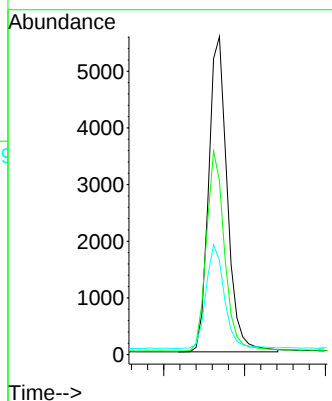
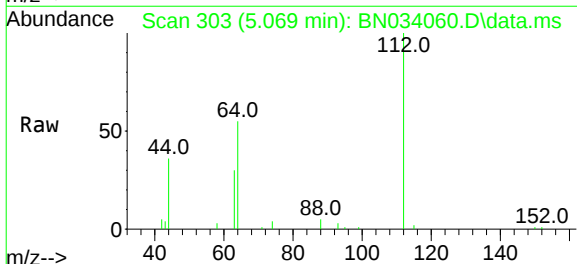
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

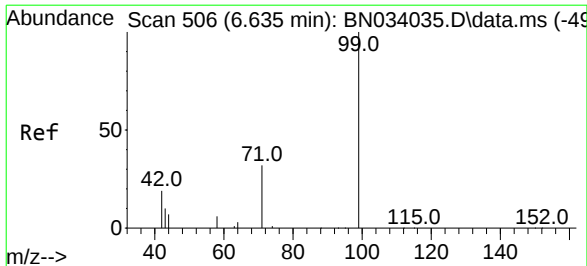
Tgt Ion: 42 Resp: 4220  
Ion Ratio Lower Upper  
42 100  
74 112.9 94.6 142.0  
44 8.2 12.4 18.6#



#4  
2-Fluorophenol  
Concen: 0.421 ng  
RT: 5.069 min Scan# 303  
Delta R.T. -0.006 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

Tgt Ion: 112 Resp: 8907  
Ion Ratio Lower Upper  
112 100  
64 61.8 48.6 72.8  
63 32.8 25.6 38.4

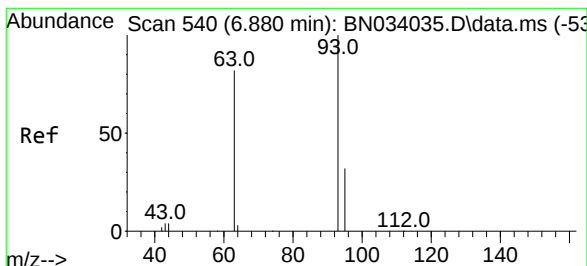
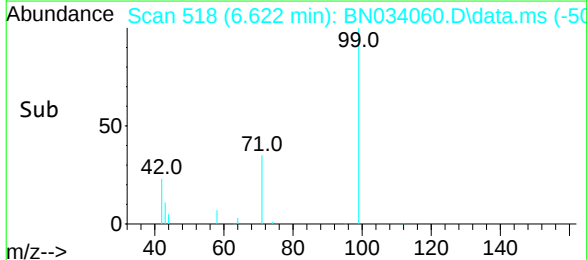
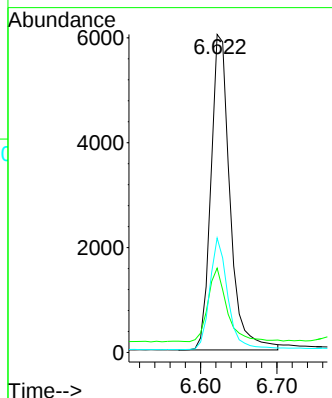
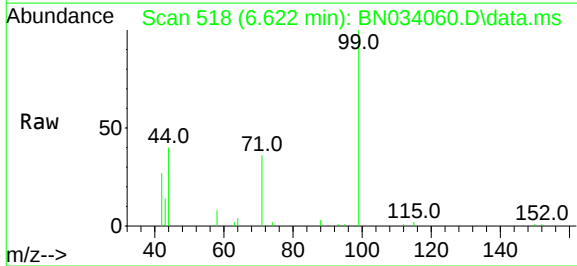




#5  
Phenol-d6  
Concen: 0.424 ng  
RT: 6.622 min Scan# 511  
Delta R.T. -0.013 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

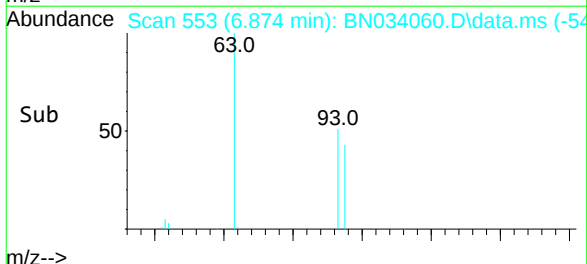
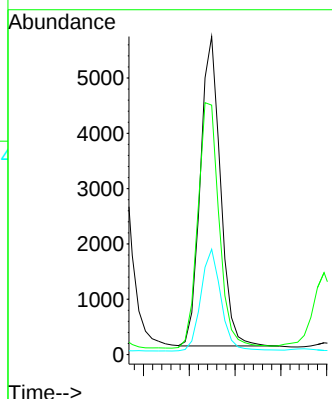
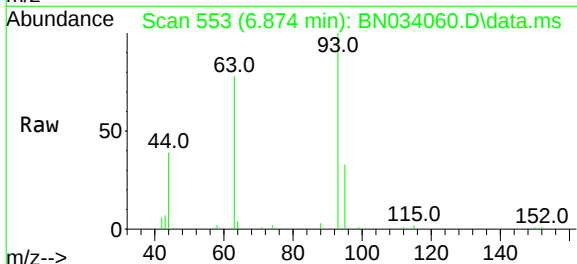
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

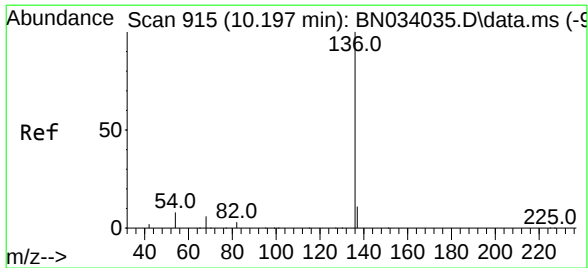
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 10442 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.9  | 17.8  | 26.8  |
| 71       | 33.6  | 26.2  | 39.2  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.391 ng  
RT: 6.874 min Scan# 553  
Delta R.T. -0.006 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 8515  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 84.6  | 67.3  | 100.9 |
| 95       | 33.2  | 26.8  | 40.2  |

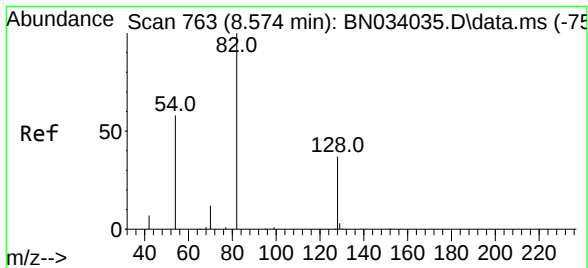
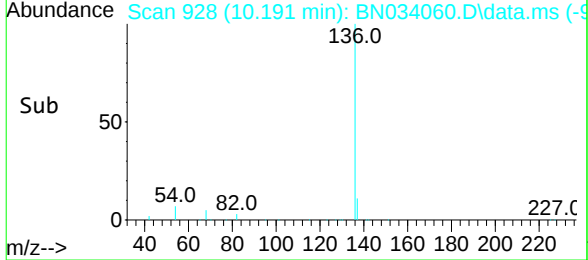
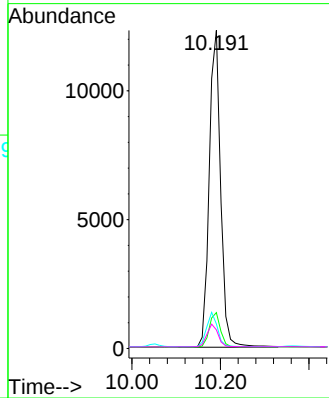
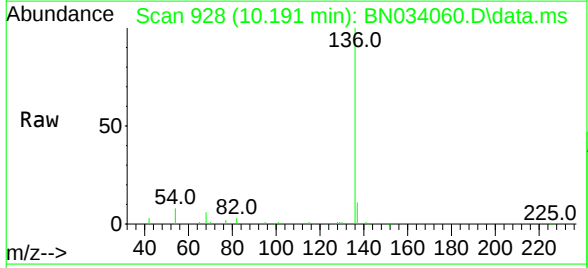




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.191 min Scan# 92  
Delta R.T. -0.006 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

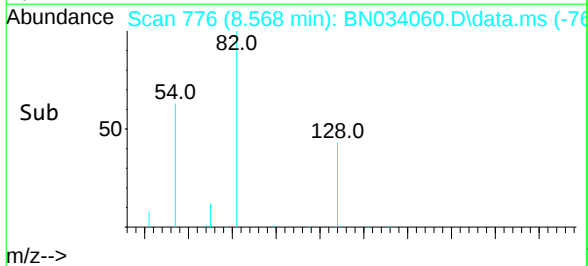
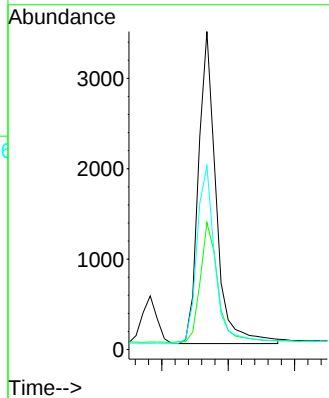
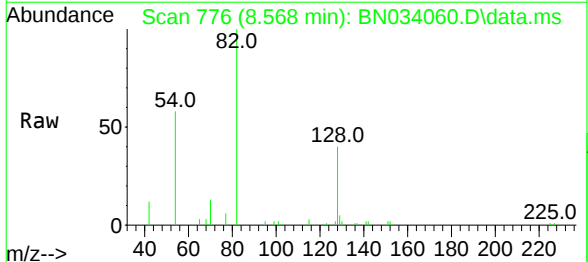
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

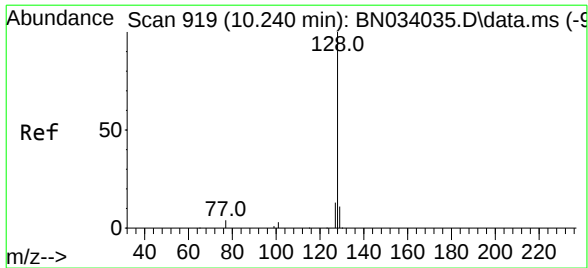
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 21928 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.3  | 9.0   | 13.6  |
| 54       | 7.7   | 6.8   | 10.2  |
| 68       | 5.9   | 5.0   | 7.6   |



#8  
Nitrobenzene-d5  
Concen: 0.380 ng  
RT: 8.568 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 6367  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 40.0  | 31.4  | 47.2  |
| 54       | 57.8  | 47.4  | 71.0  |

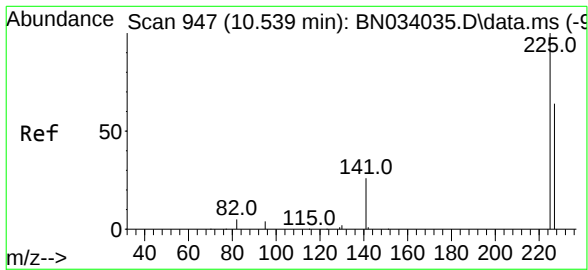
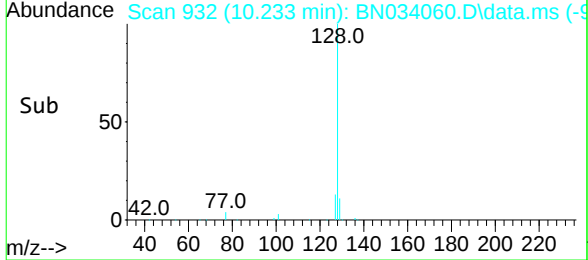
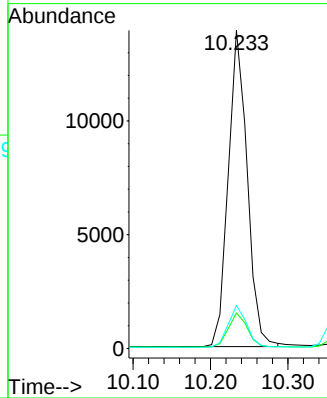
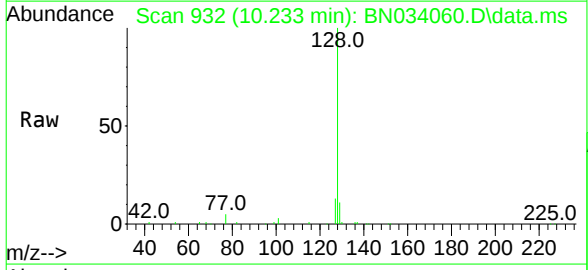




#9  
Naphthalene  
Concen: 0.392 ng  
RT: 10.233 min Scan# 93  
Delta R.T. -0.006 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

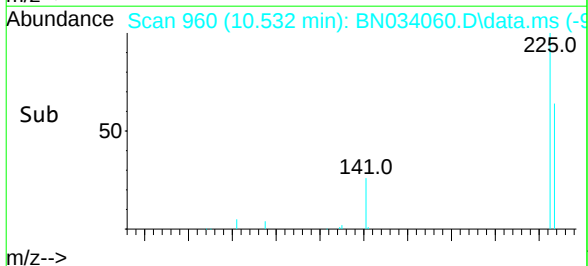
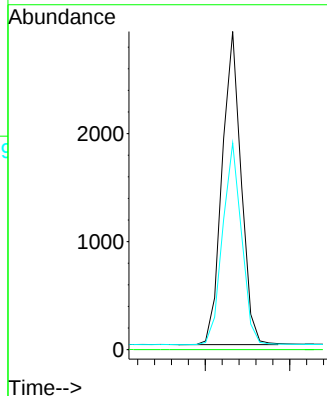
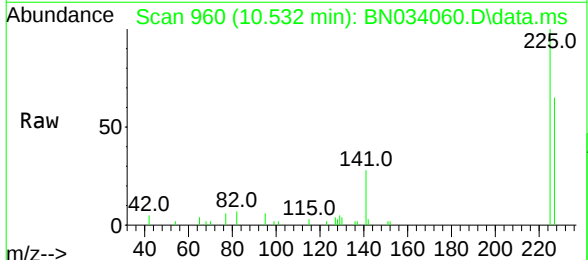
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

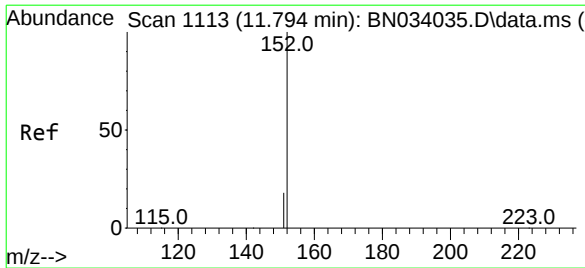
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|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 23610 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.2  | 9.2   | 13.8  |
| 127       | 13.5  | 10.7  | 16.1  |



#10  
Hexachlorobutadiene  
Concen: 0.400 ng  
RT: 10.532 min Scan# 960  
Delta R.T. -0.006 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 4541 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 64.0  | 50.5  | 75.7 |

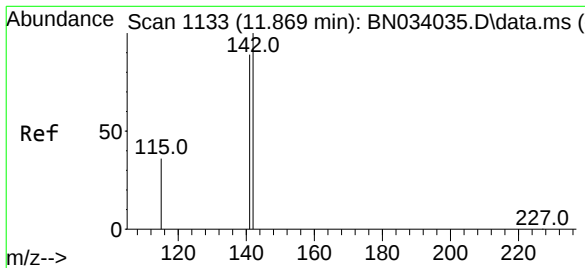
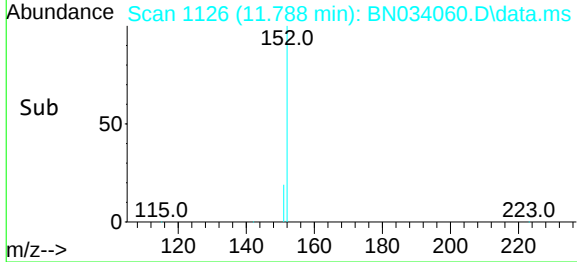
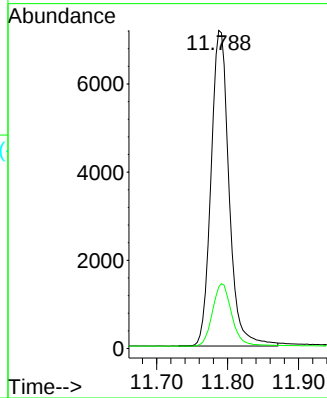
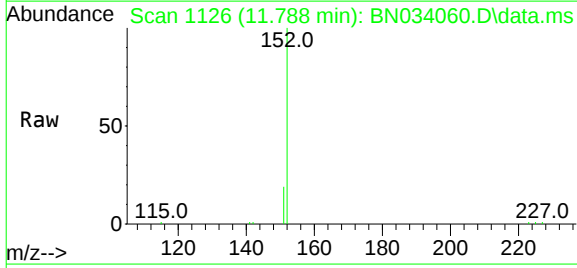




#11  
2-Methylnaphthalene-d10  
Concen: 0.390 ng  
RT: 11.788 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

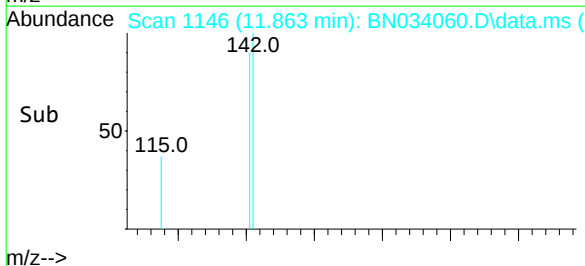
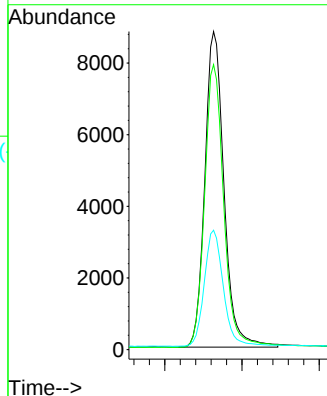
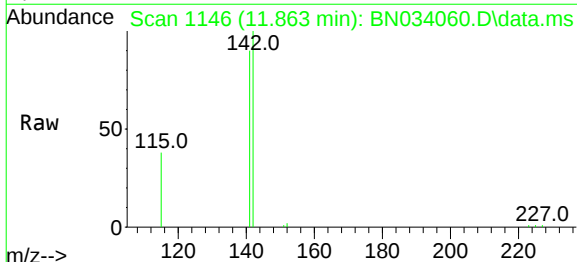
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

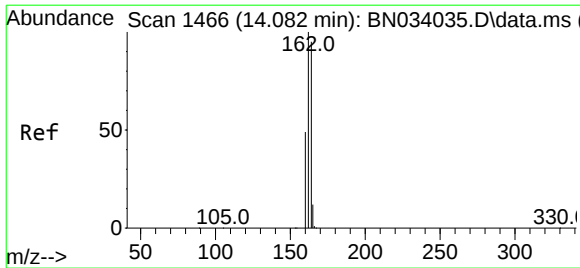
Tgt Ion:152 Resp: 12642  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.8 25.2



#12  
2-Methylnaphthalene  
Concen: 0.388 ng  
RT: 11.863 min Scan# 1146  
Delta R.T. -0.006 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

Tgt Ion:142 Resp: 15209  
Ion Ratio Lower Upper  
142 100  
141 89.6 71.6 107.4  
115 37.5 30.0 45.0

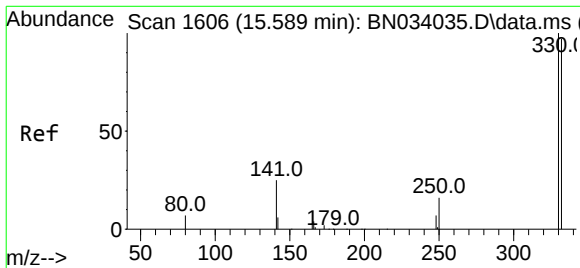
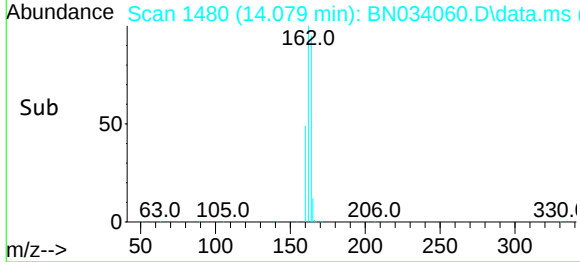
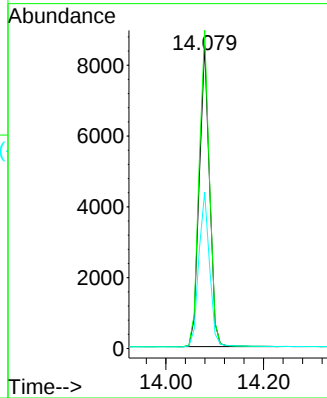
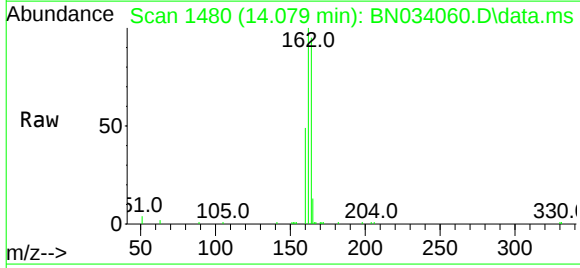




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.079 min Scan# 14  
Delta R.T. -0.002 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

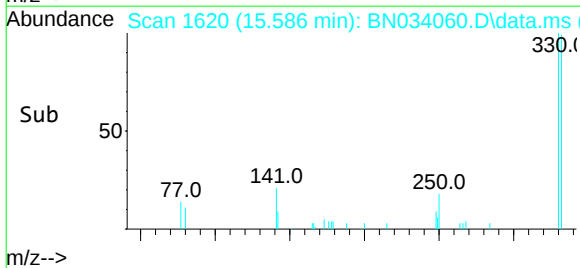
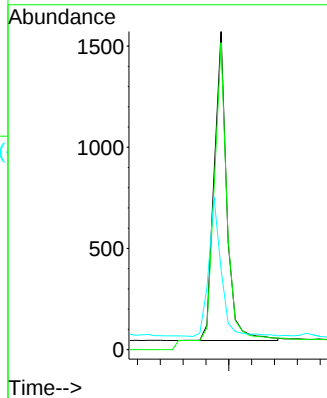
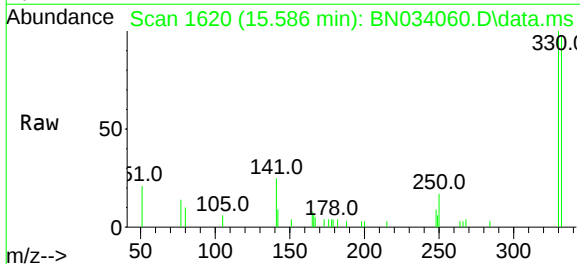
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

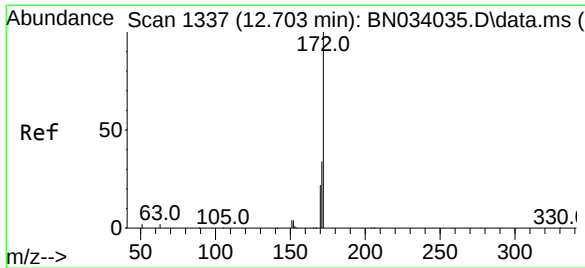
Tgt Ion:164 Resp: 12485  
Ion Ratio Lower Upper  
164 100  
162 105.0 84.2 126.2  
160 51.6 41.7 62.5



#14  
2,4,6-Tribromophenol  
Concen: 0.416 ng  
RT: 15.586 min Scan# 1620  
Delta R.T. -0.002 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

Tgt Ion:330 Resp: 2352  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.4 116.0  
141 44.2 35.9 53.9





#15

2-Fluorobiphenyl

Concen: 0.404 ng

RT: 12.690 min Scan# 13

Delta R.T. -0.013 min

Lab File: BN034060.D

Acq: 19 Sep 2024 22:43

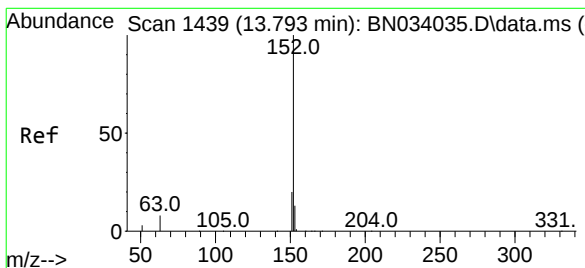
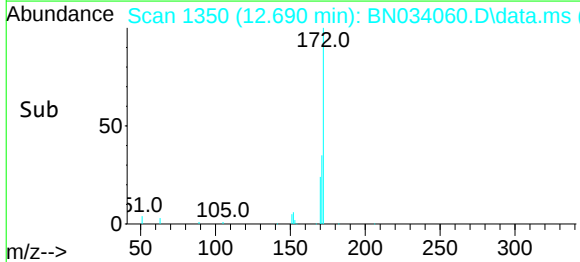
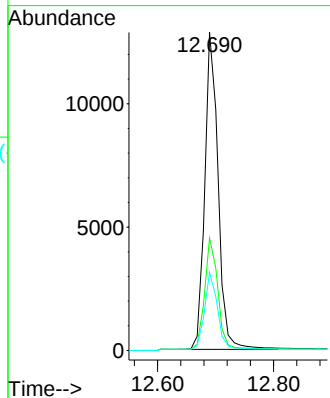
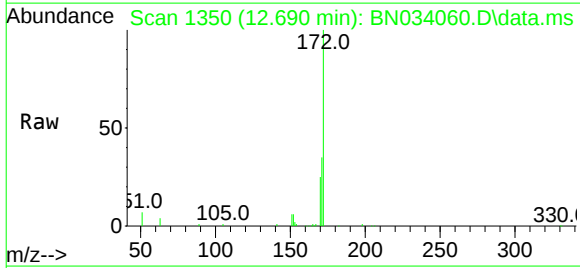
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 20503 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.4  | 27.3  | 40.9  |
| 170       | 24.5  | 18.1  | 27.1  |



#16

Acenaphthylene

Concen: 0.381 ng

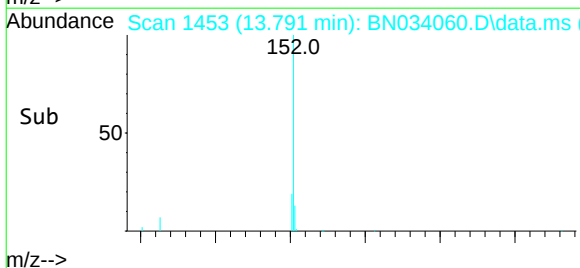
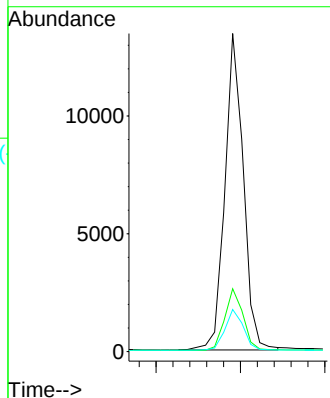
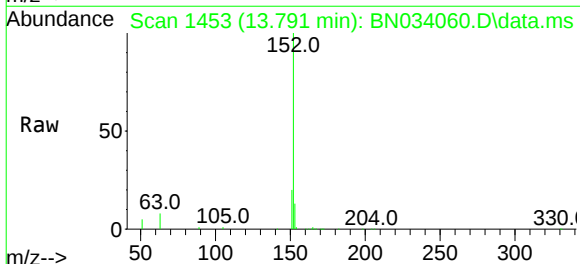
RT: 13.791 min Scan# 1453

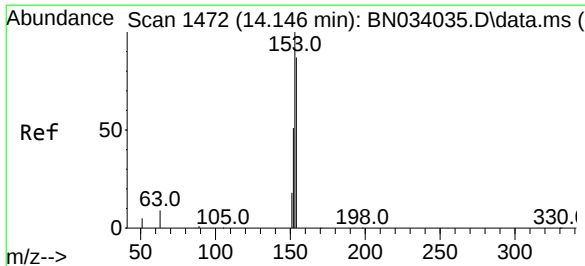
Delta R.T. -0.002 min

Lab File: BN034060.D

Acq: 19 Sep 2024 22:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 20387 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.4  | 15.6  | 23.4  |
| 153       | 12.9  | 10.3  | 15.5  |





#17

Acenaphthene

Concen: 0.400 ng

RT: 14.144 min Scan# 14

Delta R.T. -0.002 min

Lab File: BN034060.D

Acq: 19 Sep 2024 22:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

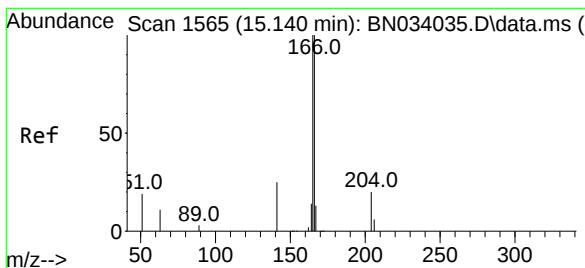
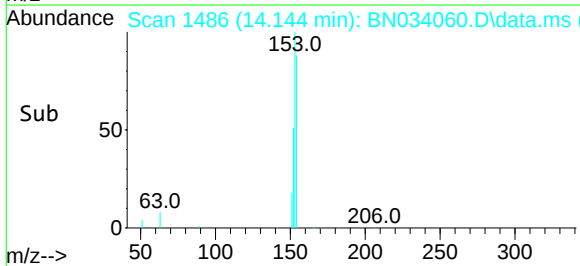
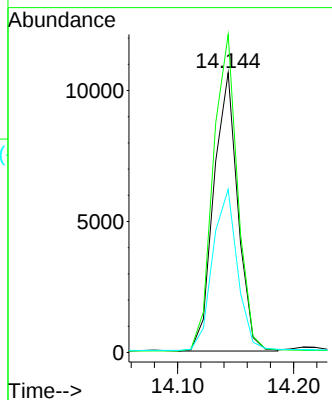
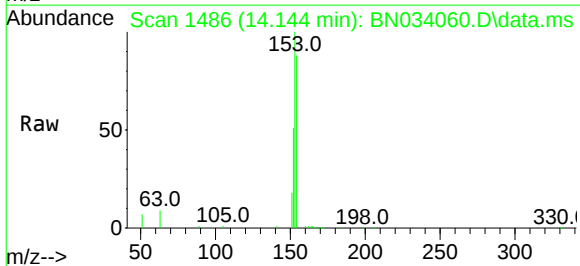
Tgt Ion:154 Resp: 15323

Ion Ratio Lower Upper

154 100

153 115.3 91.6 137.4

152 59.9 47.4 71.2



#18

Fluorene

Concen: 0.399 ng

RT: 15.138 min Scan# 1579

Delta R.T. -0.002 min

Lab File: BN034060.D

Acq: 19 Sep 2024 22:43

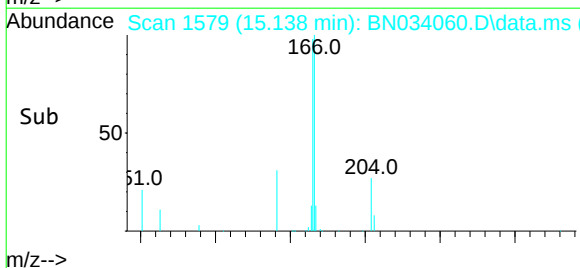
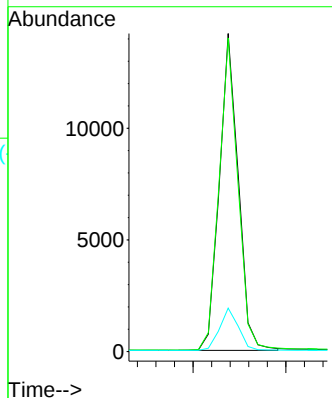
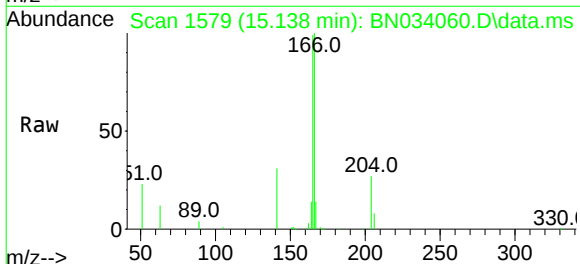
Tgt Ion:166 Resp: 20056

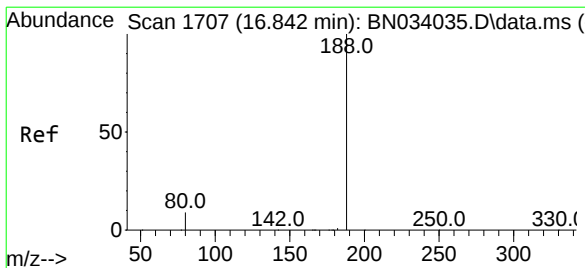
Ion Ratio Lower Upper

166 100

165 98.3 79.1 118.7

167 13.4 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.840 min Scan# 17

Delta R.T. -0.002 min

Lab File: BN034060.D

Acq: 19 Sep 2024 22:43

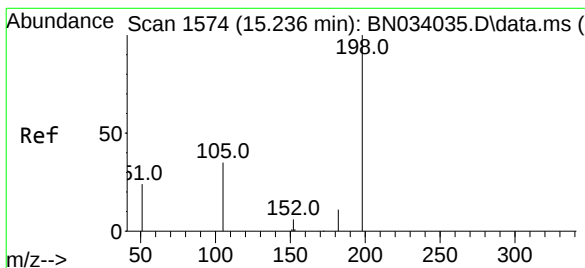
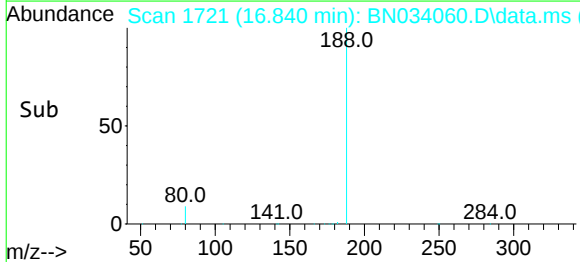
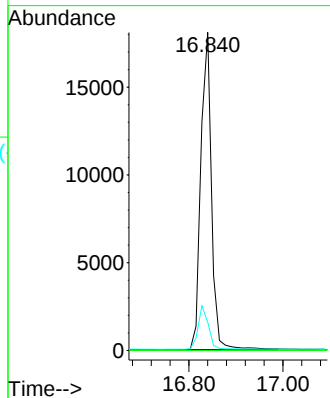
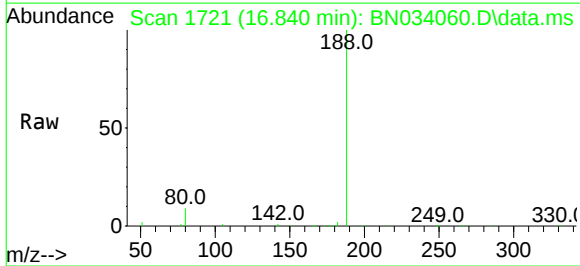
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 28454 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 8.9   | 7.4   | 11.0  |



#20

4,6-Dinitro-2-methylphenol

Concen: 0.377 ng

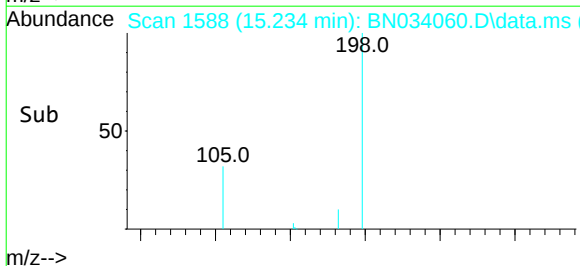
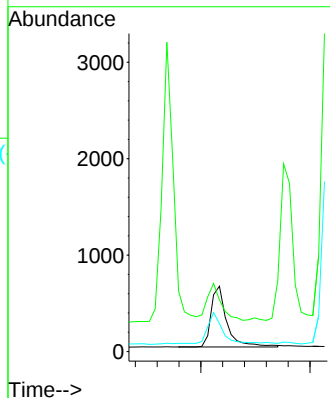
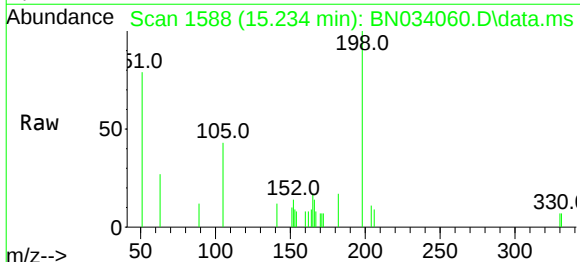
RT: 15.234 min Scan# 1588

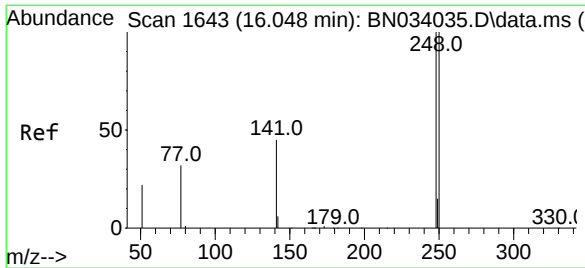
Delta R.T. -0.002 min

Lab File: BN034060.D

Acq: 19 Sep 2024 22:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 1264  |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 78.9  | 106.4 | 159.6 |
| 105       | 42.8  | 38.5  | 57.7  |

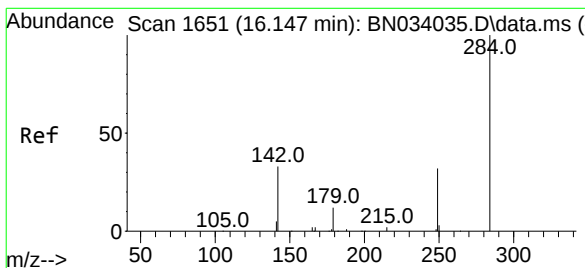
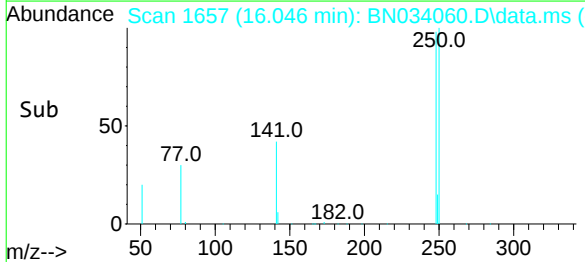
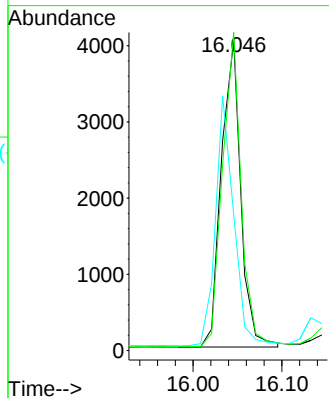
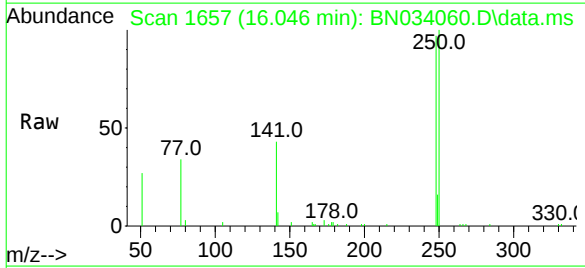




#21  
4-Bromophenyl-phenylether  
Concen: 0.382 ng  
RT: 16.046 min Scan# 1616  
Delta R.T. -0.002 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

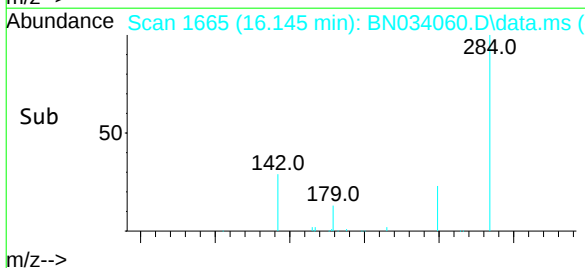
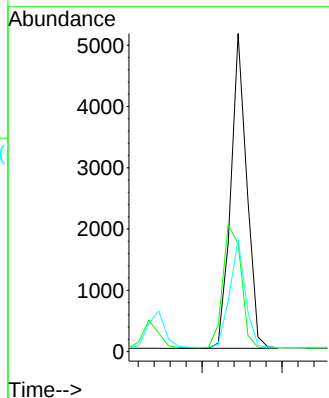
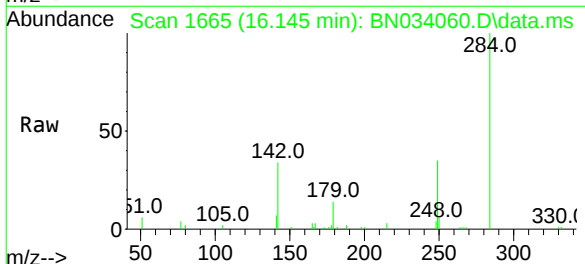
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

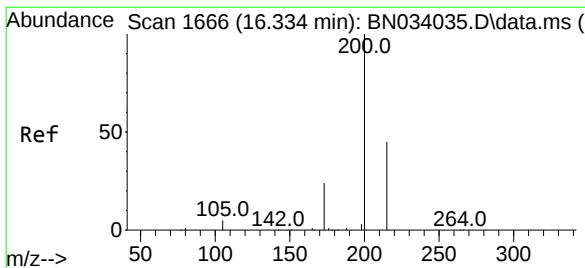
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 6104  |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 102.6 | 80.5  | 120.7 |
| 141      | 43.9  | 37.1  | 55.7  |



#22  
Hexachlorobenzene  
Concen: 0.398 ng  
RT: 16.145 min Scan# 1665  
Delta R.T. -0.002 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 7130  |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 45.0  | 34.5  | 51.7  |
| 249      | 33.3  | 25.8  | 38.6  |





#23

Atrazine

Concen: 0.447 ng

RT: 16.331 min Scan# 16

Delta R.T. -0.002 min

Lab File: BN034060.D

Acq: 19 Sep 2024 22:43

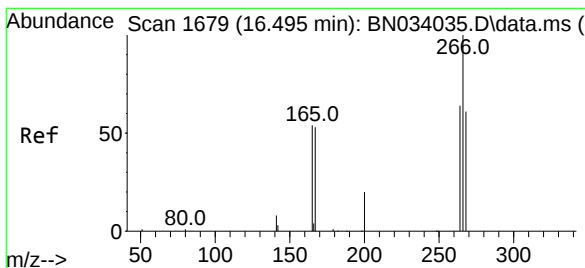
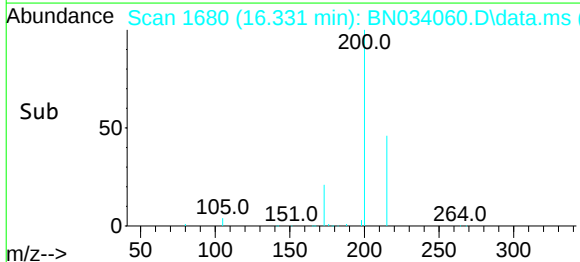
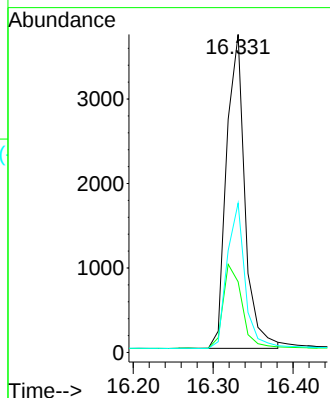
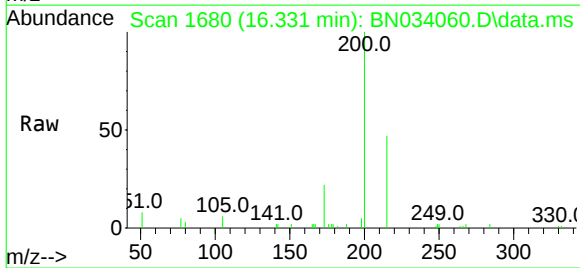
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 5931 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 22.2  | 20.1  | 30.1 |
| 215       | 47.0  | 37.0  | 55.6 |



#24

Pentachlorophenol

Concen: 0.457 ng

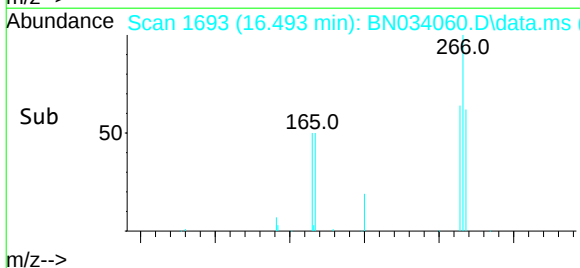
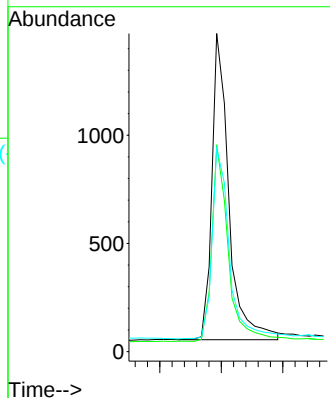
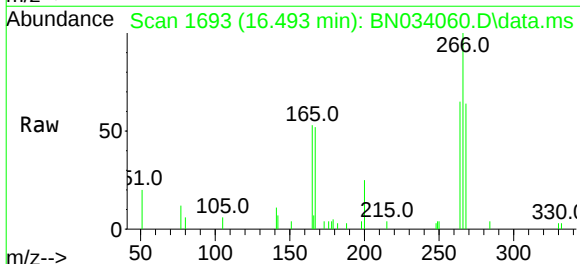
RT: 16.493 min Scan# 1693

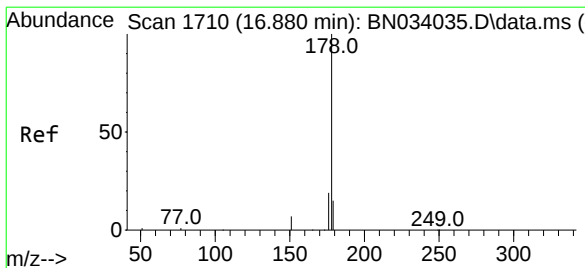
Delta R.T. -0.002 min

Lab File: BN034060.D

Acq: 19 Sep 2024 22:43

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 2710 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 62.2  | 50.2  | 75.2 |
| 268       | 63.4  | 51.0  | 76.4 |





#25

Phenanthrene

Concen: 0.396 ng

RT: 16.877 min Scan# 1710

Delta R.T. -0.002 min

Lab File: BN034060.D

Acq: 19 Sep 2024 22:43

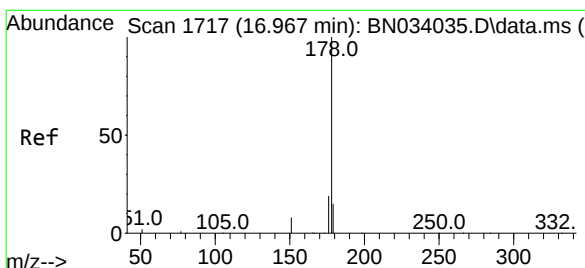
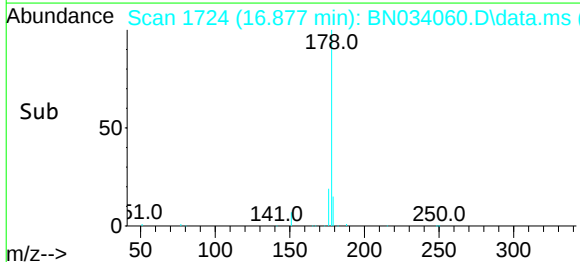
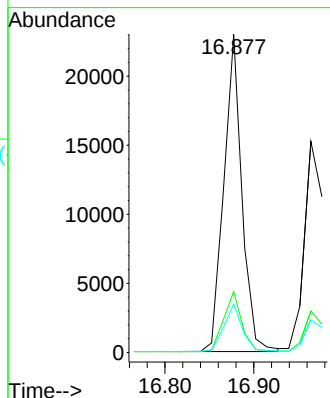
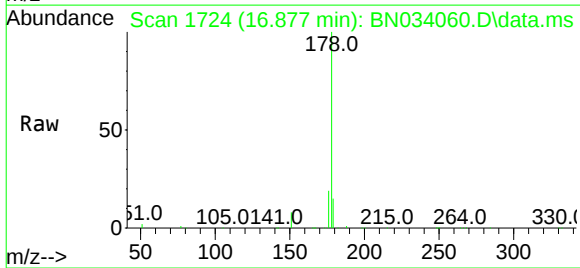
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 32342 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 19.1  | 15.3  | 22.9  |
| 179       | 15.2  | 12.1  | 18.1  |



#26

Anthracene

Concen: 0.374 ng

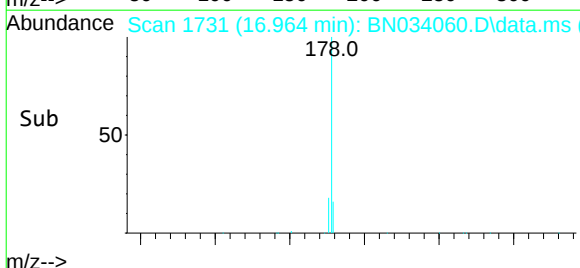
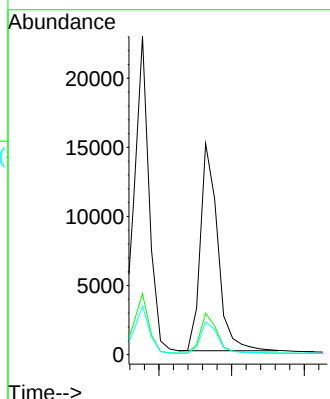
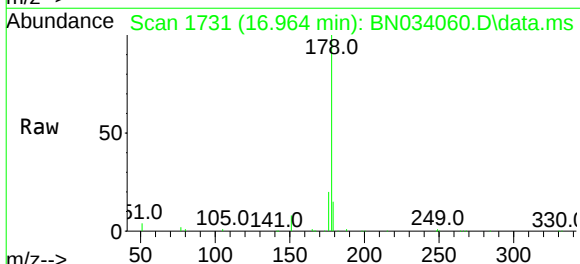
RT: 16.964 min Scan# 1731

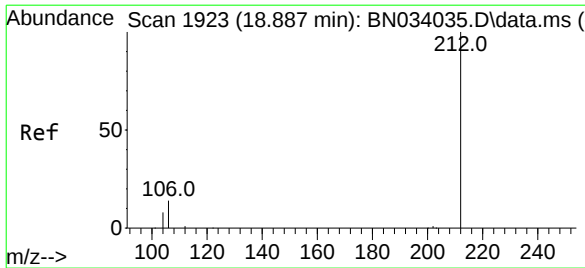
Delta R.T. -0.002 min

Lab File: BN034060.D

Acq: 19 Sep 2024 22:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 24925 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.7  | 15.0  | 22.6  |
| 179       | 15.1  | 12.2  | 18.4  |

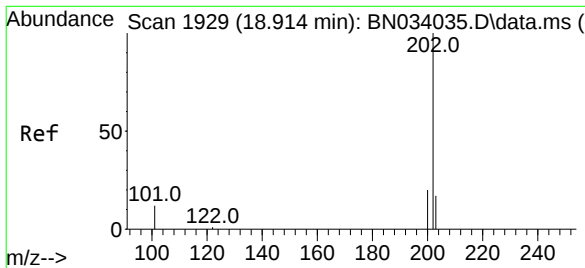
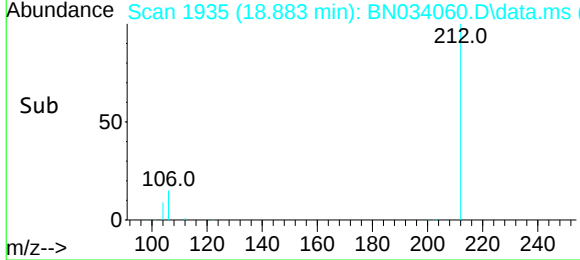
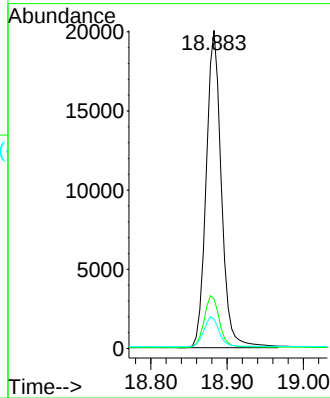
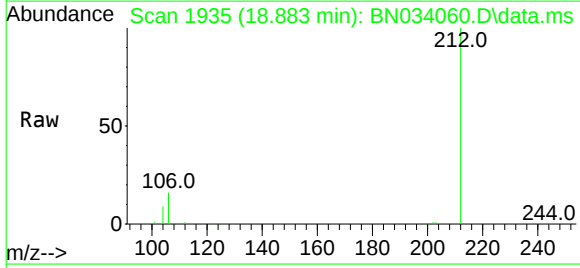




#27  
Fluoranthene-d10  
Concen: 0.386 ng  
RT: 18.883 min Scan# 19  
Delta R.T. -0.004 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

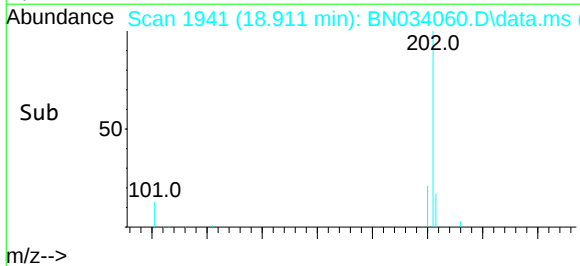
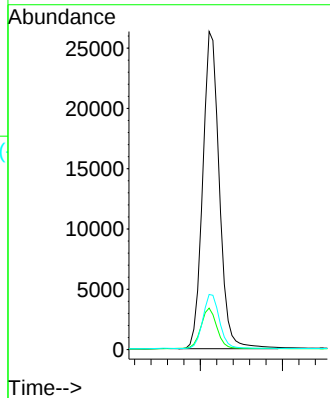
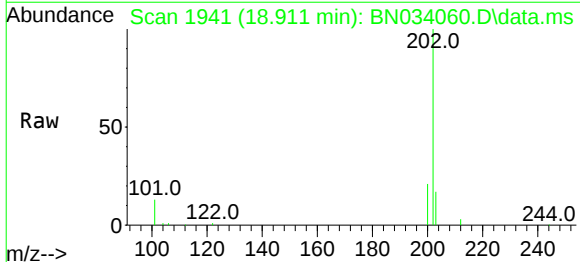
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

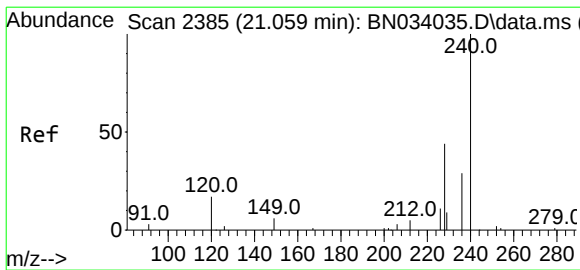
Tgt Ion:212 Resp: 27678  
Ion Ratio Lower Upper  
212 100  
106 16.7 13.4 20.2  
104 9.7 7.8 11.6



#28  
Fluoranthene  
Concen: 0.390 ng  
RT: 18.911 min Scan# 1941  
Delta R.T. -0.004 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

Tgt Ion:202 Resp: 36952  
Ion Ratio Lower Upper  
202 100  
101 12.7 10.1 15.1  
203 17.1 13.6 20.4

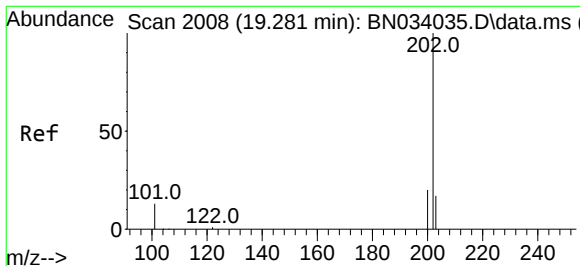
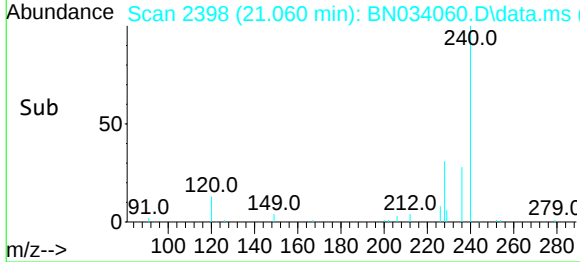
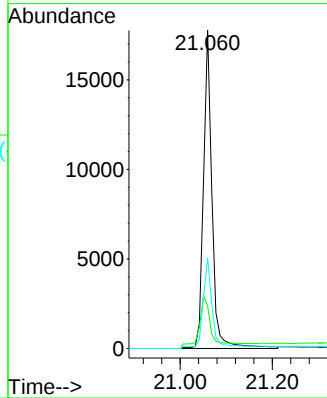
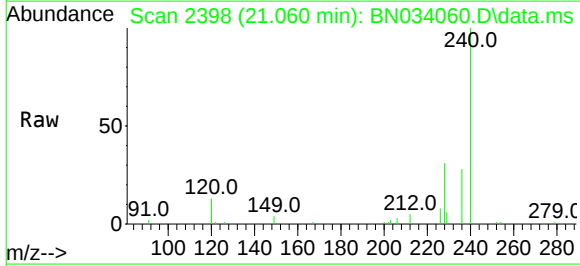




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.060 min Scan# 2385  
Delta R.T. 0.001 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

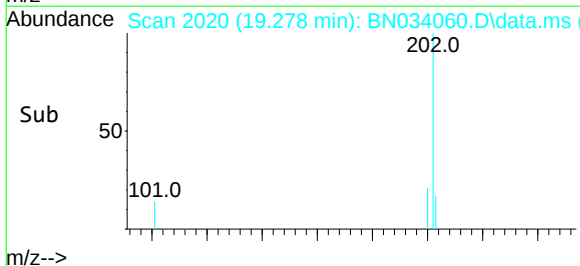
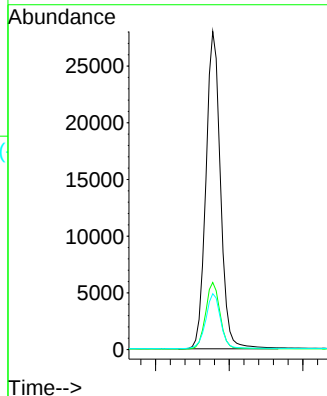
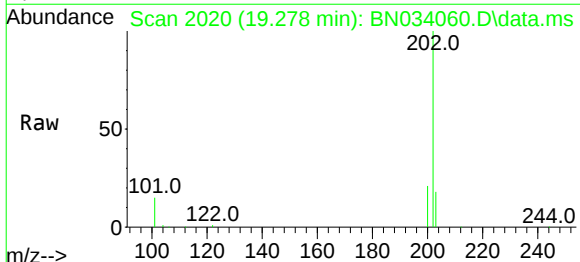
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

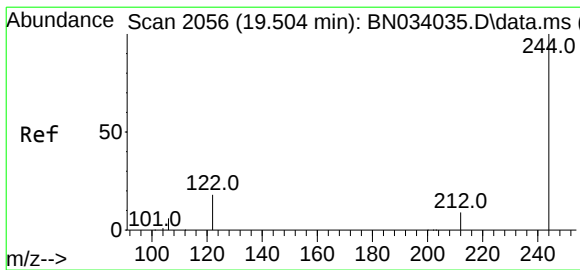
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 22128 |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 13.4  | 13.5  | 20.3# |
| 236      | 28.4  | 23.4  | 35.0  |



#30  
Pyrene  
Concen: 0.411 ng  
RT: 19.278 min Scan# 2020  
Delta R.T. -0.004 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 38397 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 200      | 20.9  | 16.6  | 25.0  |
| 203      | 17.8  | 14.3  | 21.5  |





#31

Terphenyl-d14

Concen: 0.419 ng

RT: 19.501 min Scan# 2056

Delta R.T. -0.004 min

Lab File: BN034060.D

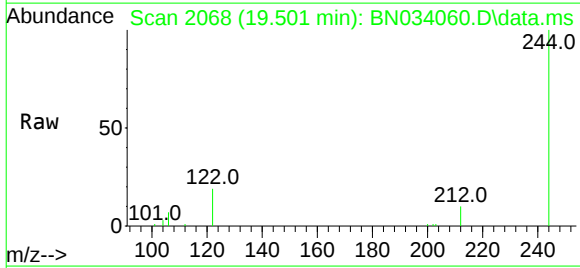
Acq: 19 Sep 2024 22:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



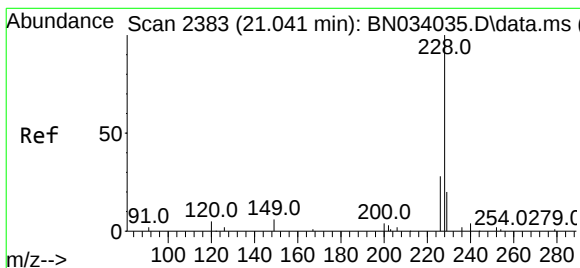
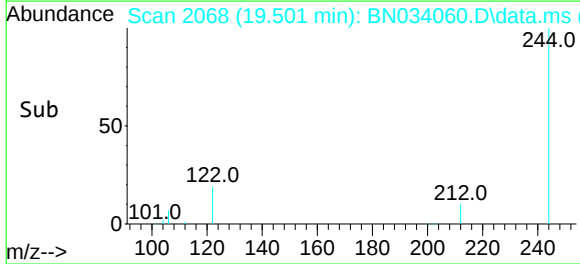
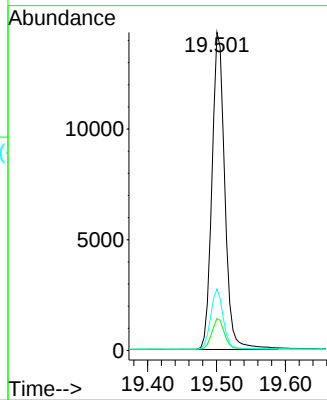
Tgt Ion:244 Resp: 18537

Ion Ratio Lower Upper

244 100

212 10.0 7.8 11.6

122 19.4 14.8 22.2



#32

Benzo(a)anthracene

Concen: 0.393 ng

RT: 21.042 min Scan# 2396

Delta R.T. 0.001 min

Lab File: BN034060.D

Acq: 19 Sep 2024 22:43

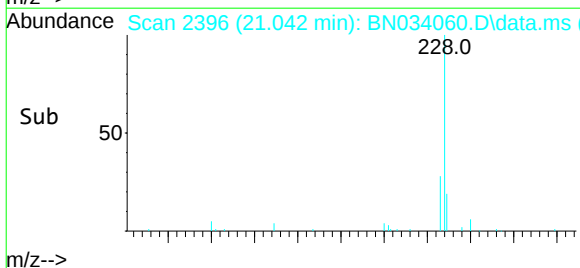
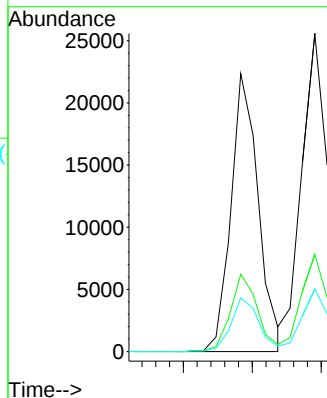
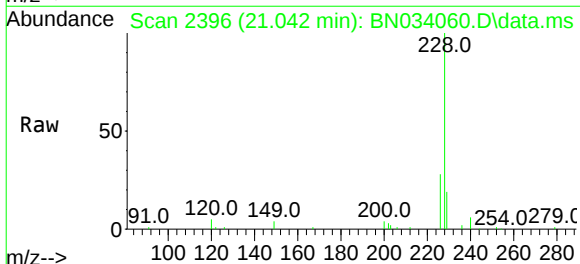
Tgt Ion:228 Resp: 27491

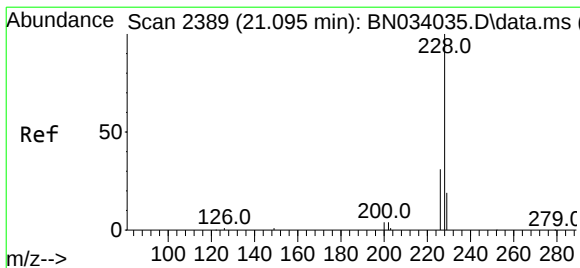
Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 19.3 15.7 23.5





#33

Chrysene

Concen: 0.412 ng

RT: 21.095 min Scan# 24

Delta R.T. 0.001 min

Lab File: BN034060.D

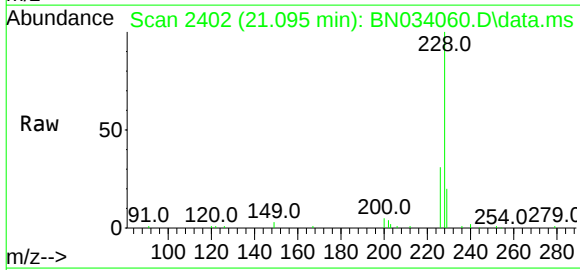
Acq: 19 Sep 2024 22:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



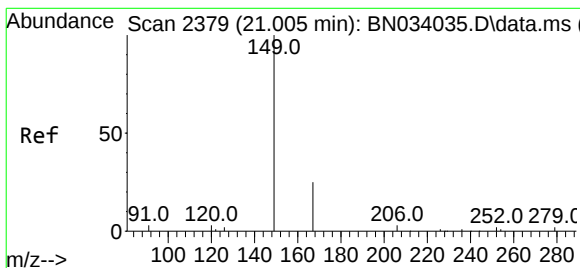
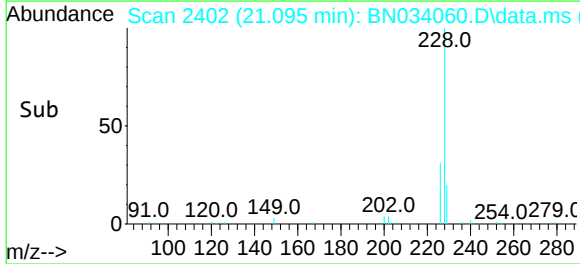
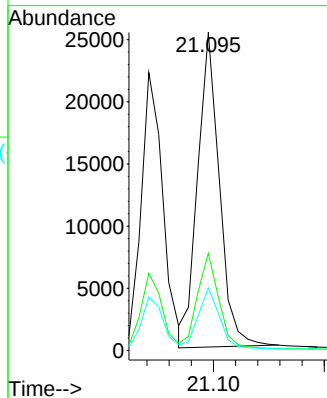
Tgt Ion:228 Resp: 34421

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

229 19.7 15.5 23.3



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.395 ng

RT: 21.006 min Scan# 2392

Delta R.T. 0.001 min

Lab File: BN034060.D

Acq: 19 Sep 2024 22:43

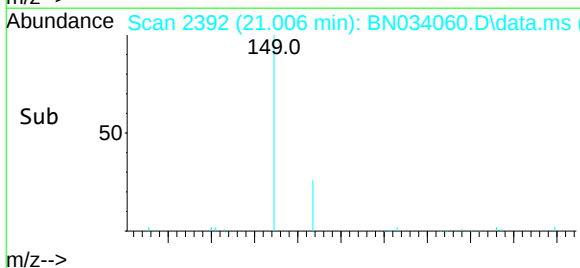
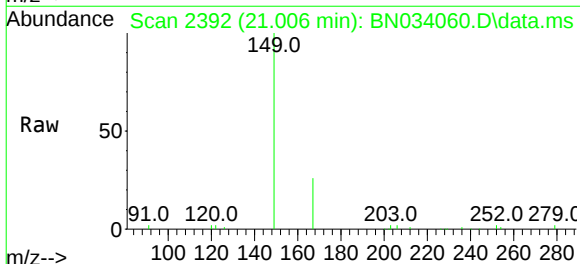
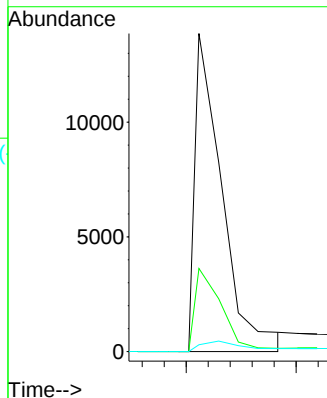
Tgt Ion:149 Resp: 11517

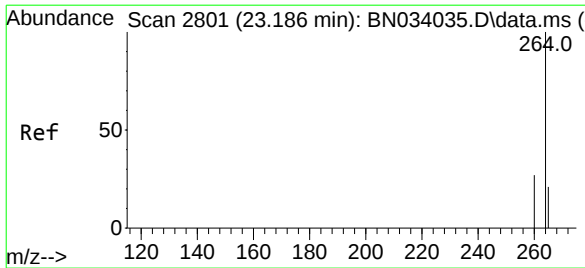
Ion Ratio Lower Upper

149 100

167 26.1 19.9 29.9

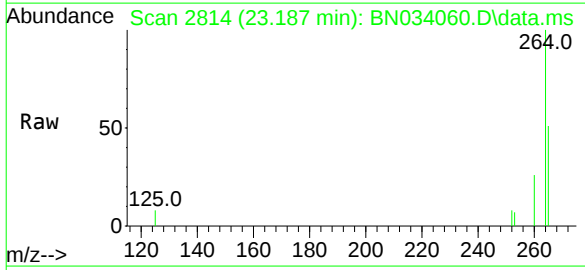
279 5.0 4.6 6.8



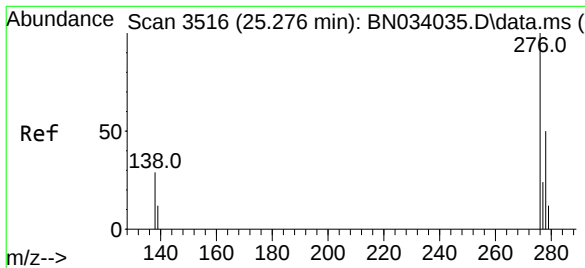
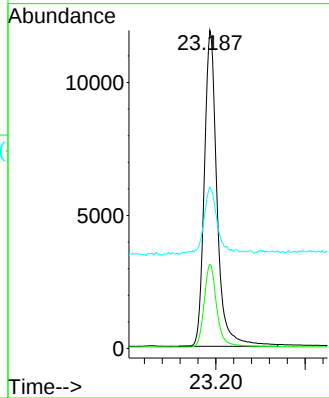
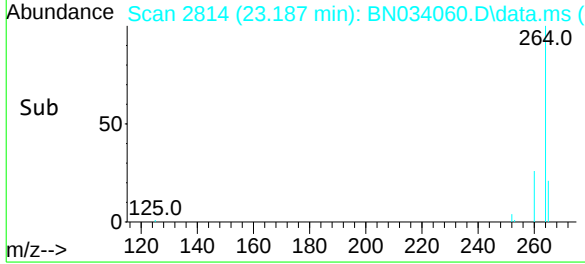


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.187 min Scan# 2801  
Delta R.T. 0.001 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

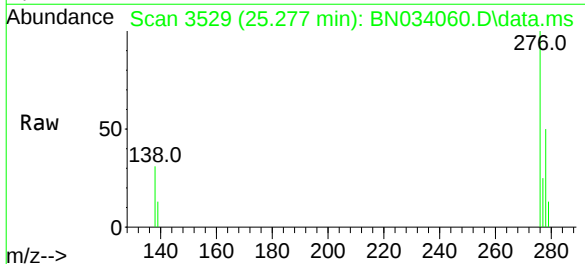
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



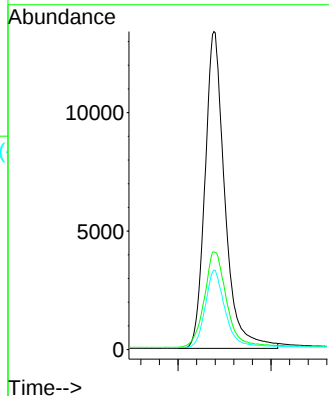
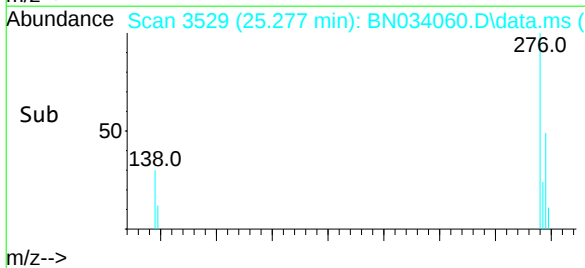
Tgt Ion:264 Resp: 23533  
Ion Ratio Lower Upper  
264 100  
260 26.4 21.7 32.5  
265 50.7 52.1 78.1#

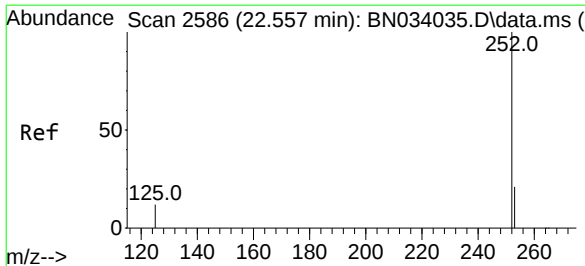


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.393 ng  
RT: 25.277 min Scan# 3529  
Delta R.T. 0.001 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43



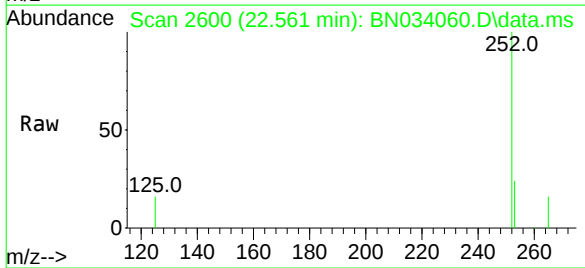
Tgt Ion:276 Resp: 39600  
Ion Ratio Lower Upper  
276 100  
138 34.2 25.9 38.9  
277 24.7 19.7 29.5



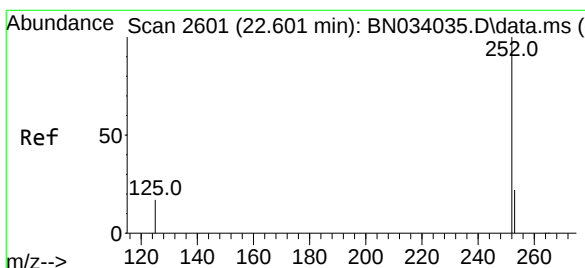
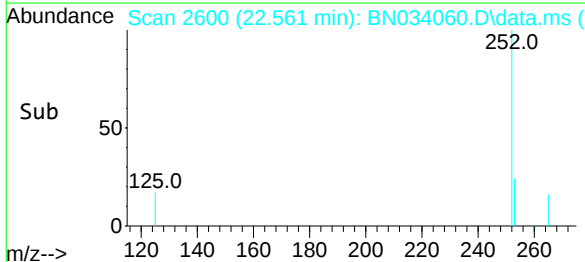
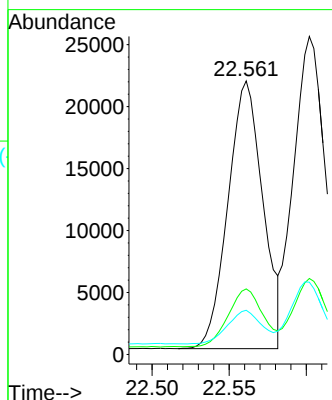


#37  
Benzo(b)fluoranthene  
Concen: 0.369 ng  
RT: 22.561 min Scan# 2614  
Delta R.T. 0.004 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

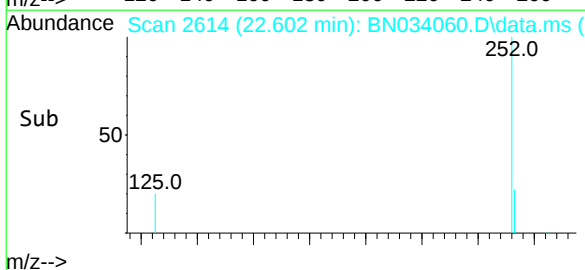
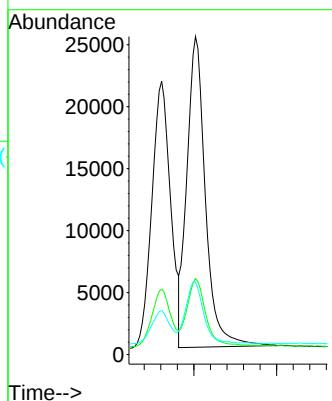
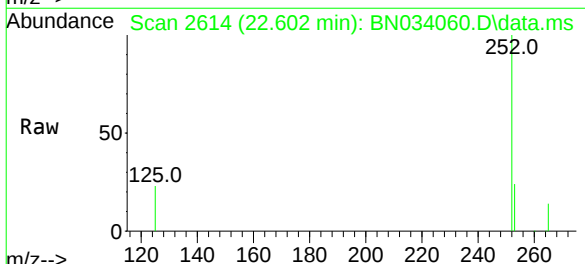


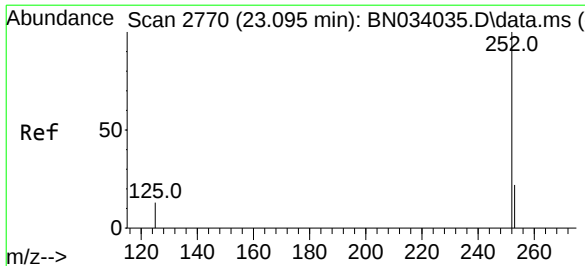
Tgt Ion:252 Resp: 33971  
Ion Ratio Lower Upper  
252 100  
253 24.0 19.6 29.4  
125 16.2 13.8 20.8



#38  
Benzo(k)fluoranthene  
Concen: 0.403 ng  
RT: 22.602 min Scan# 2614  
Delta R.T. 0.001 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

Tgt Ion:252 Resp: 39042  
Ion Ratio Lower Upper  
252 100  
253 23.9 20.1 30.1  
125 22.7 16.8 25.2





#39

Benzo(a)pyrene

Concen: 0.376 ng

RT: 23.096 min Scan# 27

Delta R.T. 0.001 min

Lab File: BN034060.D

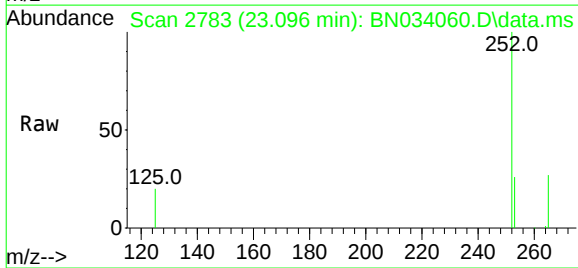
Acq: 19 Sep 2024 22:43

Instrument :

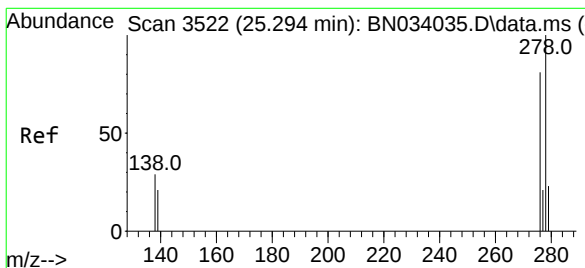
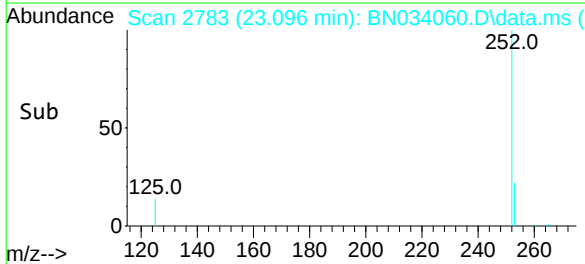
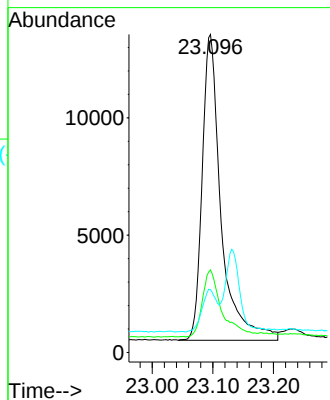
BNA\_N

ClientSampleId :

SSTDCCC0.4



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 26.0  | 21.8  | 32.8  |
| 125     | 19.7  | 17.5  | 26.3  |



#40

Dibenzo(a,h)anthracene

Concen: 0.380 ng

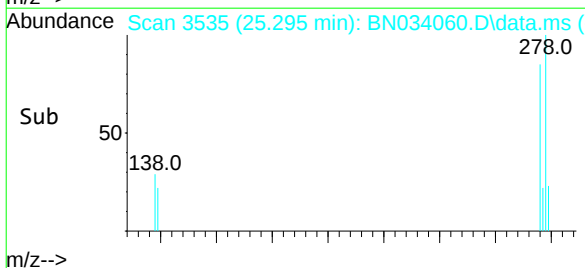
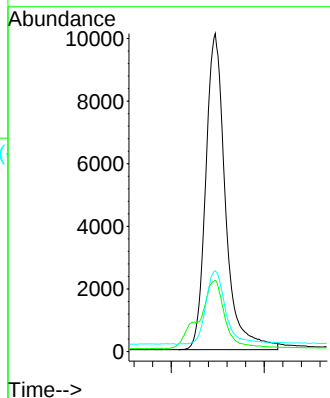
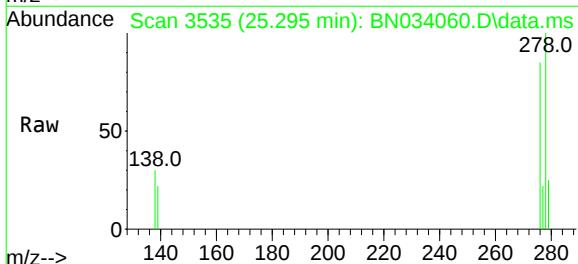
RT: 25.295 min Scan# 3535

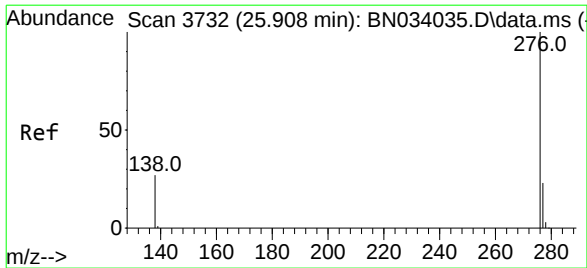
Delta R.T. 0.001 min

Lab File: BN034060.D

Acq: 19 Sep 2024 22:43

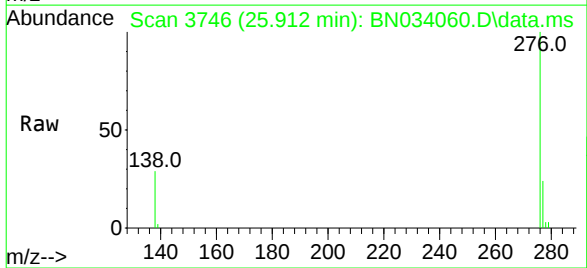
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 22.4  | 17.8  | 26.8  |
| 279     | 25.4  | 21.0  | 31.6  |





#41  
Benzo(g,h,i)perylene  
Concen: 0.366 ng  
RT: 25.912 min Scan# 37  
Delta R.T. 0.004 min  
Lab File: BN034060.D  
Acq: 19 Sep 2024 22:43

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 32224 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.3  | 19.3  | 28.9  |
| 138      | 28.7  | 22.6  | 34.0  |

