

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041425\  
 Data File : BN036909.D  
 Acq On : 14 Apr 2025 20:40  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Apr 15 01:04:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 14 17:58:02 2025  
 Response via : Initial Calibration

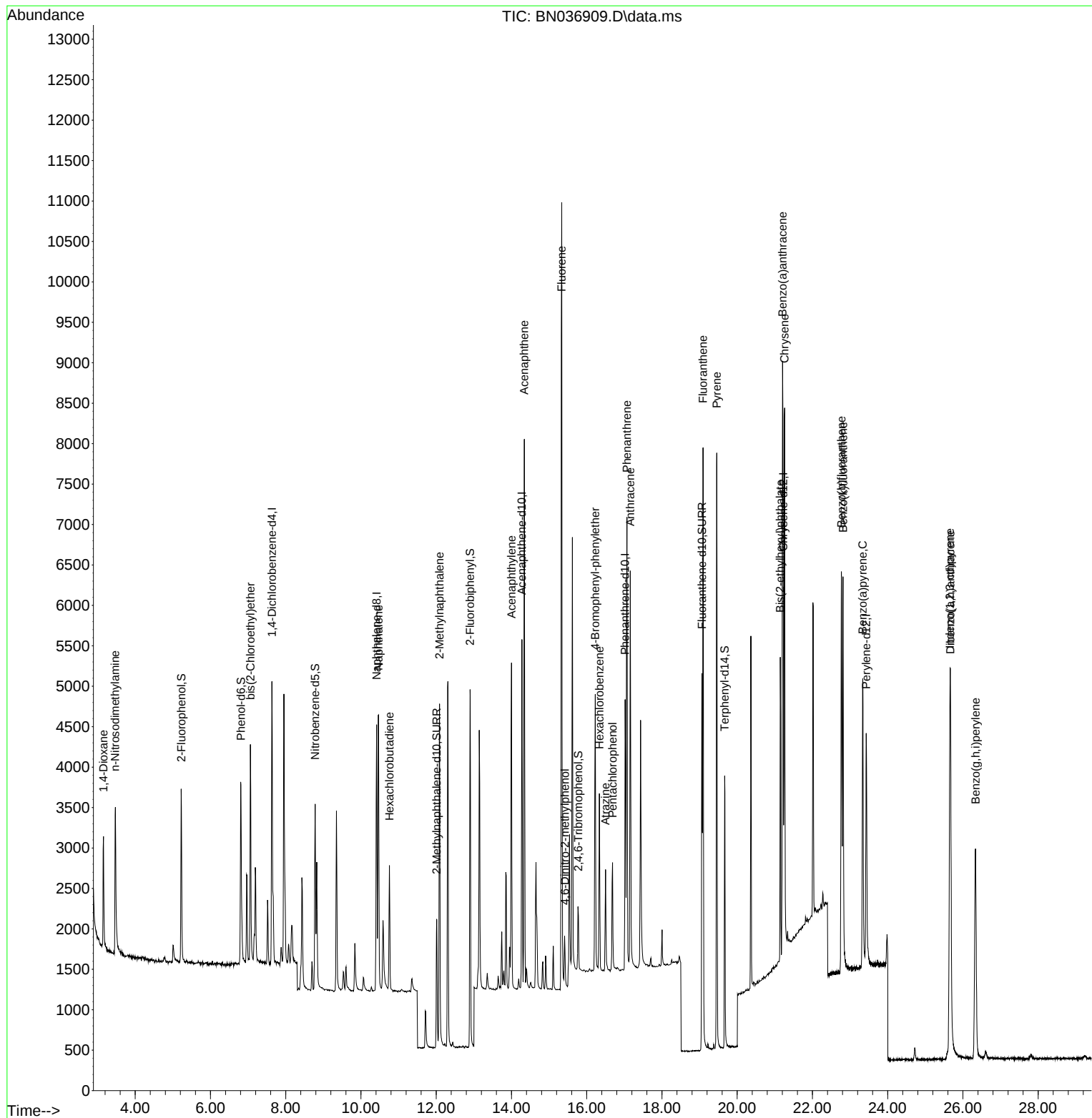
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.633  | 152  | 1627     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.415 | 136  | 4080     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.277 | 164  | 2266     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.021 | 188  | 4556     | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.225 | 240  | 3898     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.430 | 264  | 3838     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.228  | 112  | 1551     | 0.403 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.809  | 99   | 1884     | 0.390 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.781  | 82   | 1800     | 0.390 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.011 | 152  | 2425     | 0.408 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.780 | 330  | 439      | 0.403 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.899 | 172  | 4734     | 0.433 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.063 | 212  | 5127     | 0.425 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.667 | 244  | 3436     | 0.403 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.155  | 88   | 836      | 0.449 | ng    | 95       |
| 3) n-Nitrosodimethylamine     | 3.466  | 42   | 1784     | 0.415 | ng    | # 97     |
| 6) bis(2-Chloroethyl)ether    | 7.062  | 93   | 1879     | 0.402 | ng    | 99       |
| 9) Naphthalene                | 10.468 | 128  | 4829     | 0.407 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.757 | 225  | 1157     | 0.424 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.087 | 142  | 3049     | 0.404 | ng    | 99       |
| 16) Acenaphthylene            | 13.999 | 152  | 4334     | 0.403 | ng    | 99       |
| 17) Acenaphthene              | 14.342 | 154  | 2916     | 0.412 | ng    | 99       |
| 18) Fluorene                  | 15.336 | 166  | 3826     | 0.409 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.421 | 198  | 476      | 0.383 | ng    | 93       |
| 21) 4-Bromophenyl-phenylether | 16.227 | 248  | 1252     | 0.434 | ng    | 97       |
| 22) Hexachlorobenzene         | 16.338 | 284  | 1412     | 0.436 | ng    | 99       |
| 23) Atrazine                  | 16.500 | 200  | 1019     | 0.424 | ng    | 98       |
| 24) Pentachlorophenol         | 16.686 | 266  | 695      | 0.402 | ng    | 99       |
| 25) Phenanthrene              | 17.071 | 178  | 5984     | 0.428 | ng    | 99       |
| 26) Anthracene                | 17.158 | 178  | 5235     | 0.416 | ng    | 100      |
| 28) Fluoranthene              | 19.091 | 202  | 6888     | 0.420 | ng    | 99       |
| 30) Pyrene                    | 19.458 | 202  | 6973     | 0.398 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.207 | 228  | 5553     | 0.393 | ng    | 99       |
| 33) Chrysene                  | 21.260 | 228  | 6322     | 0.414 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.144 | 149  | 3525     | 0.432 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.655 | 276  | 5983     | 0.430 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 22.769 | 252  | 5848     | 0.394 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.813 | 252  | 6361     | 0.424 | ng    | 97       |
| 39) Benzo(a)pyrene            | 23.336 | 252  | 4853     | 0.392 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 25.670 | 278  | 4846     | 0.448 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.333 | 276  | 5281     | 0.442 | ng    | 98       |

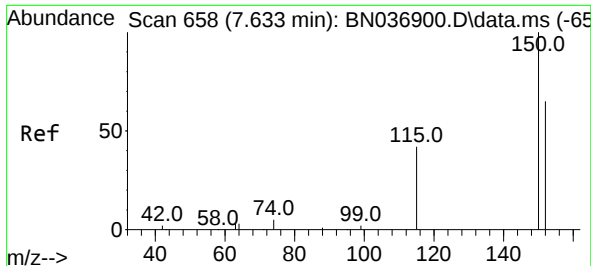
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041425\  
Data File : BN036909.D  
Acq On : 14 Apr 2025 20:40  
Operator : RC/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

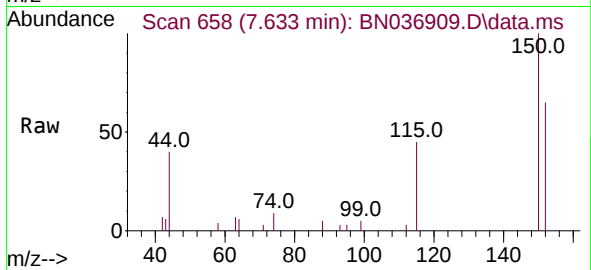
Quant Time: Apr 15 01:04:15 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN041425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Apr 14 17:58:02 2025  
Response via : Initial Calibration





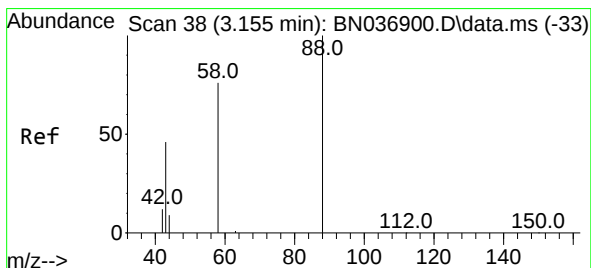
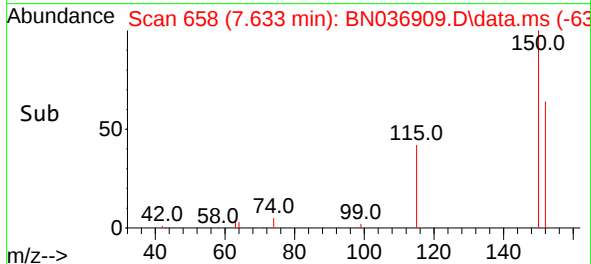
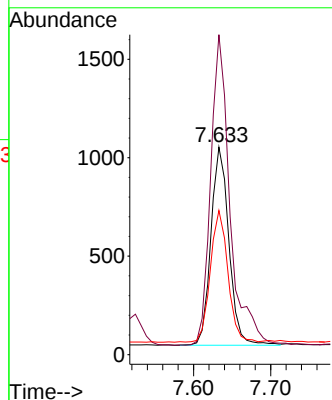
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.633 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN036909.D  
 Acq: 14 Apr 2025 20:40

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion:152 Resp: 1627

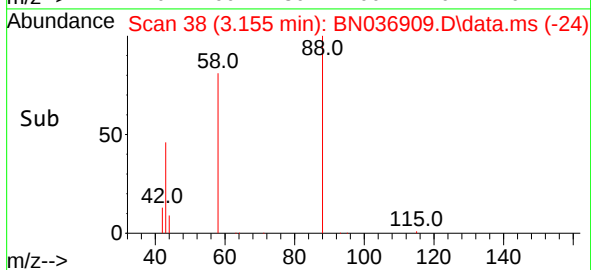
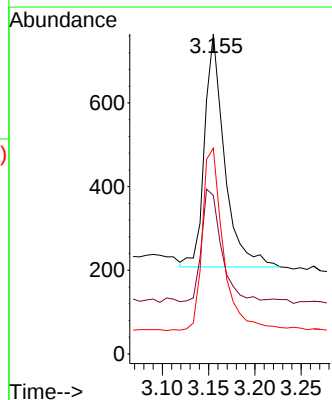
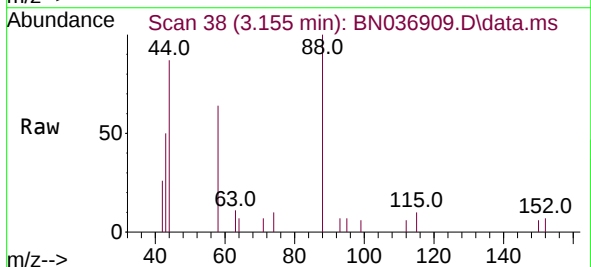
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 154.2 | 121.4 | 182.2 |
| 115 | 69.4  | 55.4  | 83.2  |

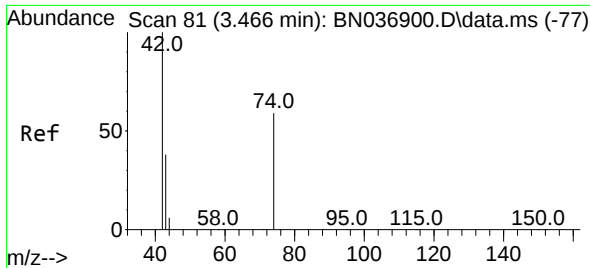


#2  
 1,4-Dioxane  
 Concen: 0.449 ng  
 RT: 3.155 min Scan# 38  
 Delta R.T. 0.000 min  
 Lab File: BN036909.D  
 Acq: 14 Apr 2025 20:40

Tgt Ion: 88 Resp: 836

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 48.3  | 44.0  | 66.0  |
| 58  | 82.4  | 67.8  | 101.6 |

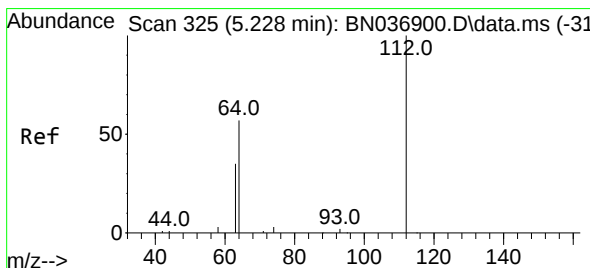
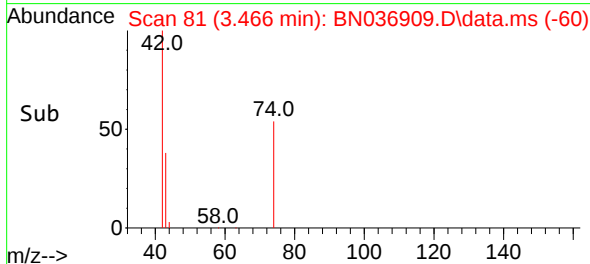
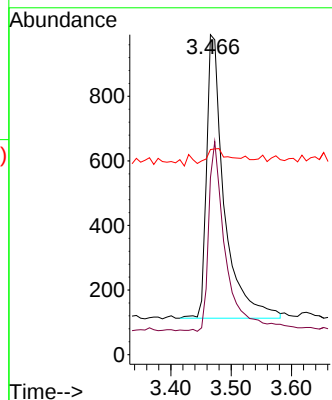
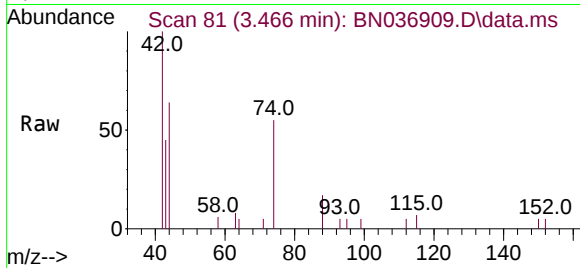




#3  
 n-Nitrosodimethylamine  
 Concen: 0.415 ng  
 RT: 3.466 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BN036909.D  
 Acq: 14 Apr 2025 20:40

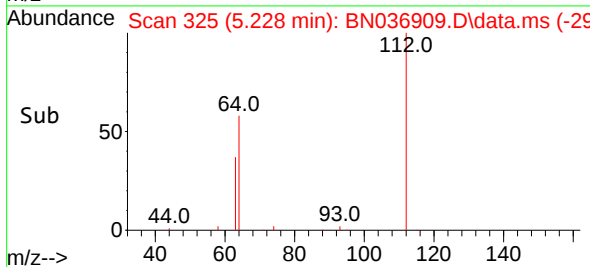
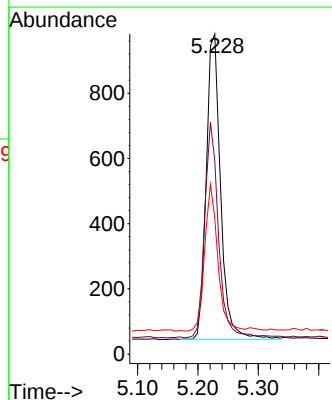
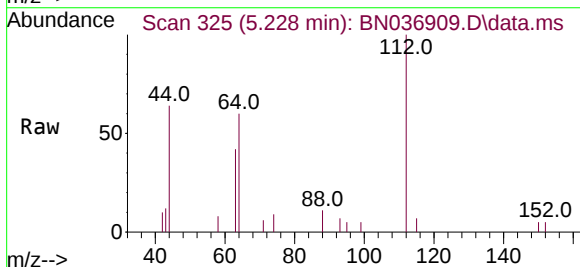
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

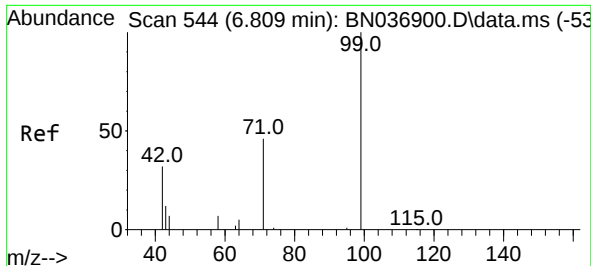
Tgt Ion: 42 Resp: 1784  
 Ion Ratio Lower Upper  
 42 100  
 74 63.9 52.3 78.5  
 44 6.0 7.4 11.2#



#4  
 2-Fluorophenol  
 Concen: 0.403 ng  
 RT: 5.228 min Scan# 325  
 Delta R.T. 0.000 min  
 Lab File: BN036909.D  
 Acq: 14 Apr 2025 20:40

Tgt Ion: 112 Resp: 1551  
 Ion Ratio Lower Upper  
 112 100  
 64 68.9 54.4 81.6  
 63 43.6 35.1 52.7

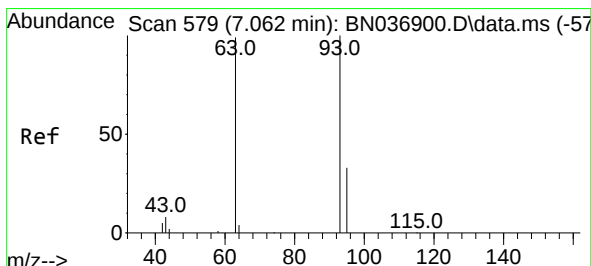
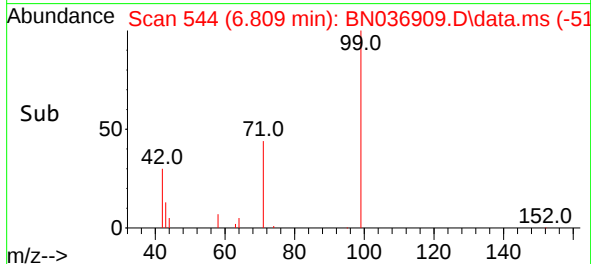
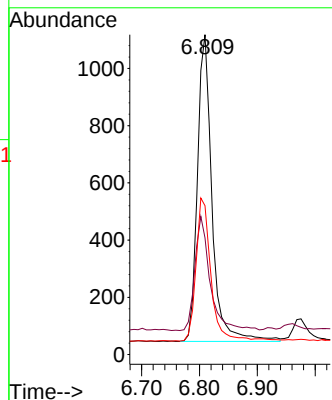
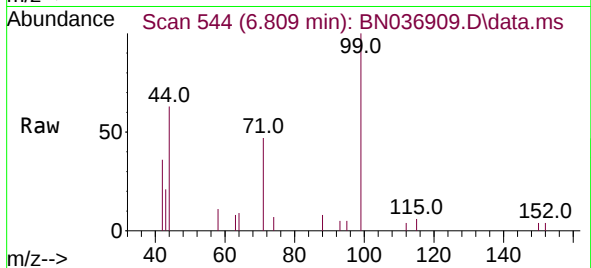




#5  
Phenol-d6  
Concen: 0.390 ng  
RT: 6.809 min Scan# 544  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

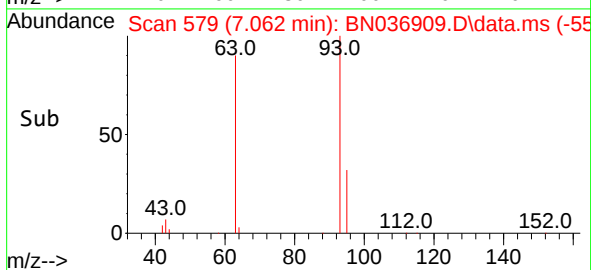
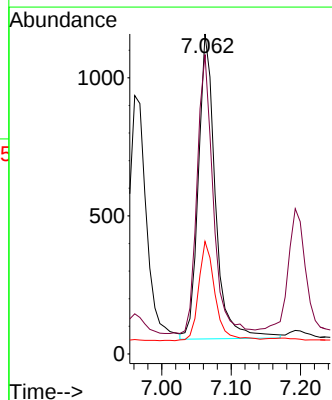
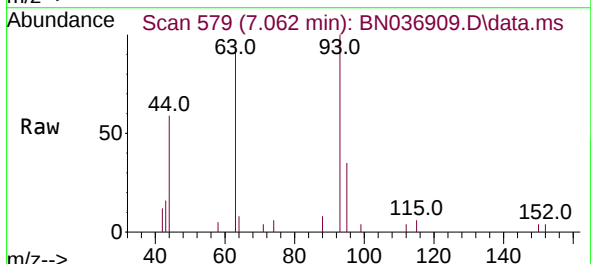
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

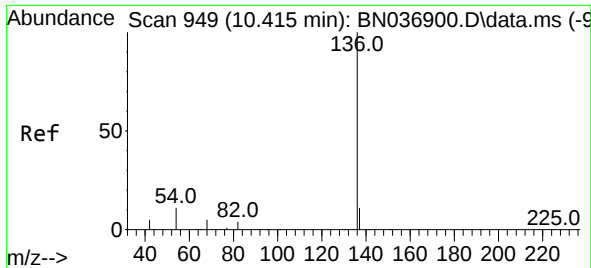
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1884  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 38.9  | 30.6  | 45.8  |
| 71       | 47.2  | 38.0  | 57.0  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.402 ng  
RT: 7.062 min Scan# 579  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 1879  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 86.8  | 70.7  | 106.1 |
| 95       | 31.5  | 25.2  | 37.8  |

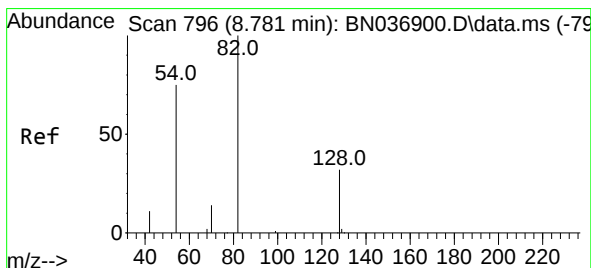
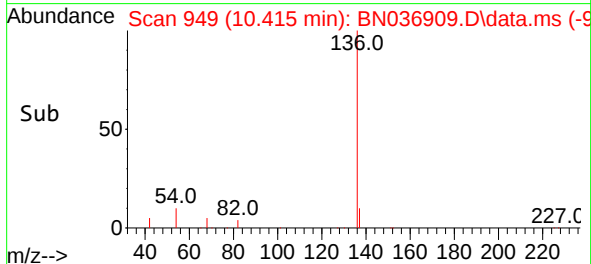
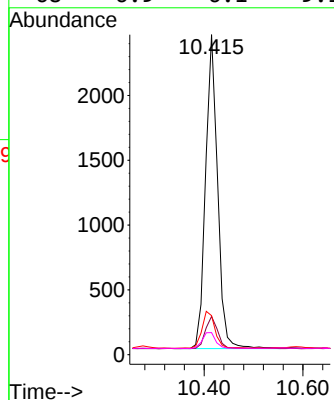
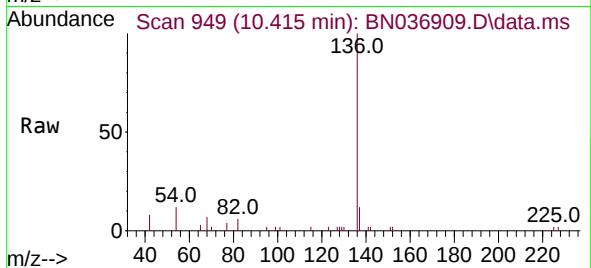




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.415 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

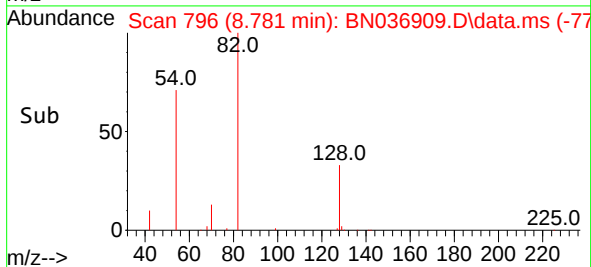
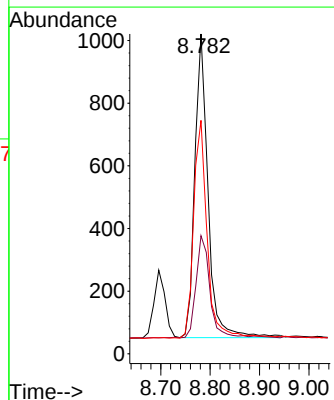
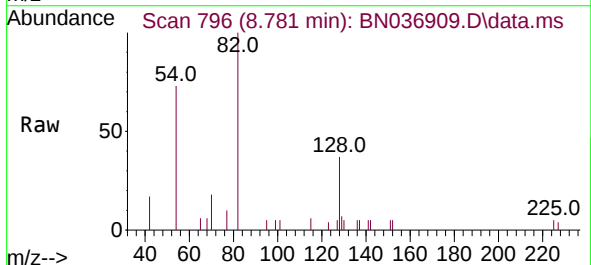
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

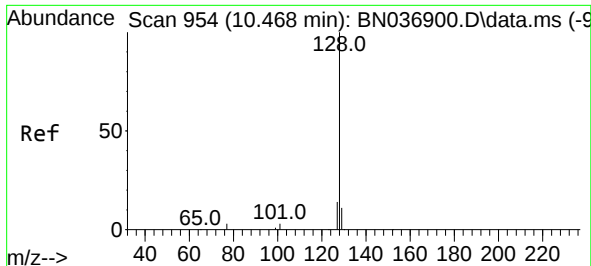
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4080  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.9  | 10.6  | 15.8  |
| 54       | 12.2  | 10.6  | 16.0  |
| 68       | 6.9   | 6.1   | 9.1   |



#8  
Nitrobenzene-d5  
Concen: 0.390 ng  
RT: 8.781 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1800  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 36.9  | 29.0  | 43.4  |
| 54       | 73.0  | 60.8  | 91.2  |

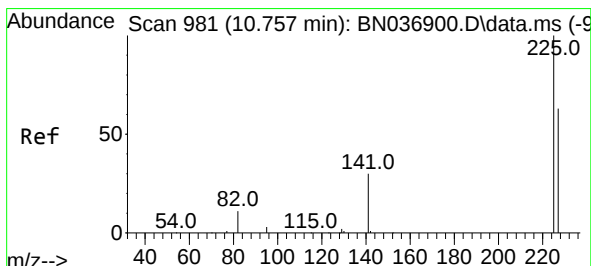
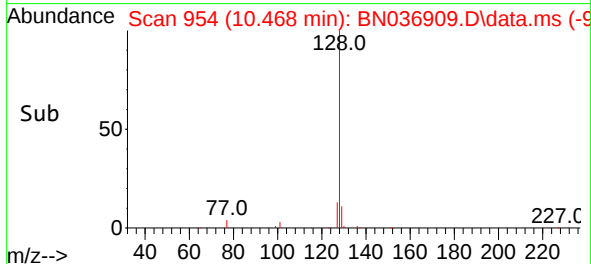
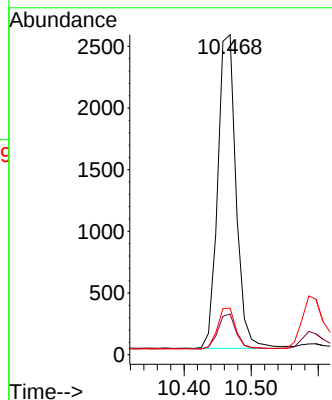
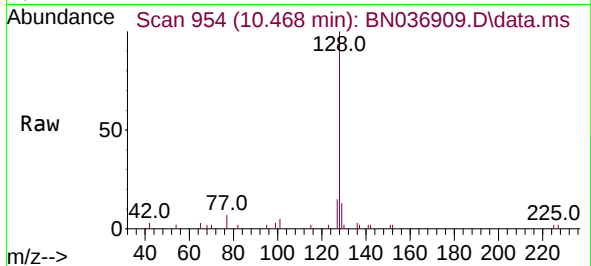




#9  
Naphthalene  
Concen: 0.407 ng  
RT: 10.468 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

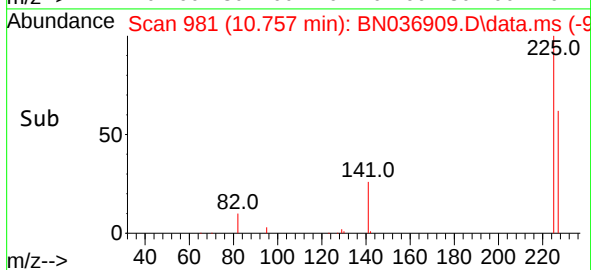
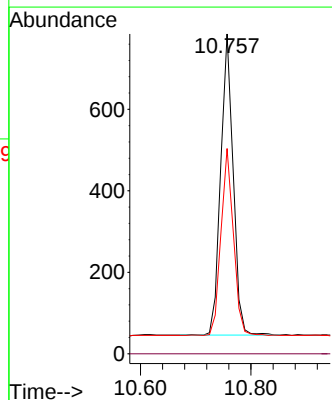
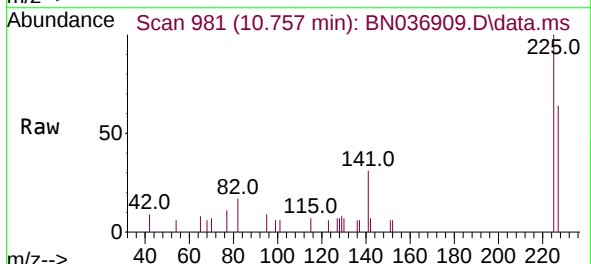
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

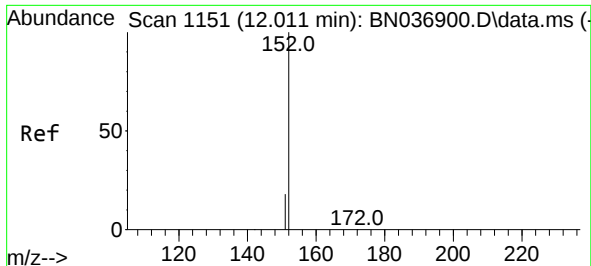
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Ion Ratio Lower Upper  
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129 12.7 10.3 15.5  
127 14.6 12.7 19.1



#10  
Hexachlorobutadiene  
Concen: 0.424 ng  
RT: 10.757 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

Tgt Ion:225 Resp: 1157  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 62.1 51.0 76.4

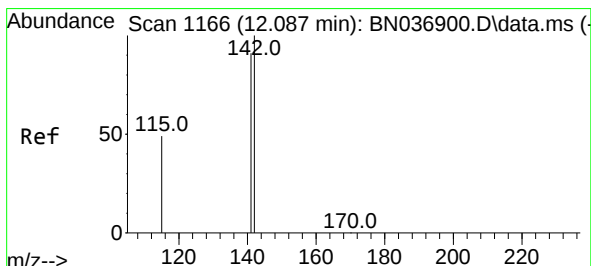
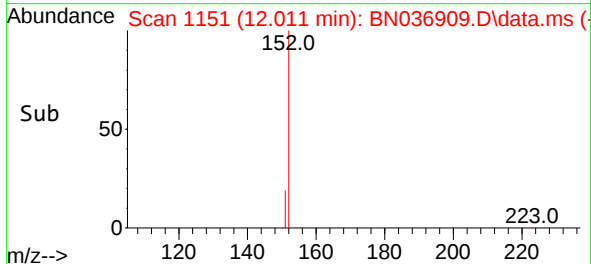
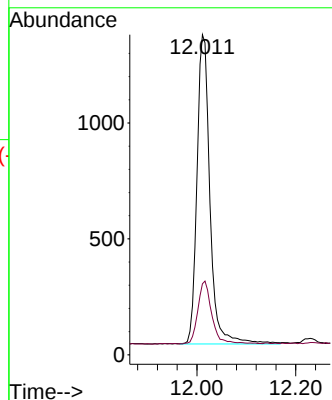
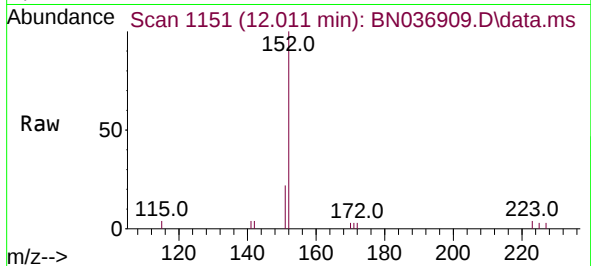




#11  
2-Methylnaphthalene-d10  
Concen: 0.408 ng  
RT: 12.011 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

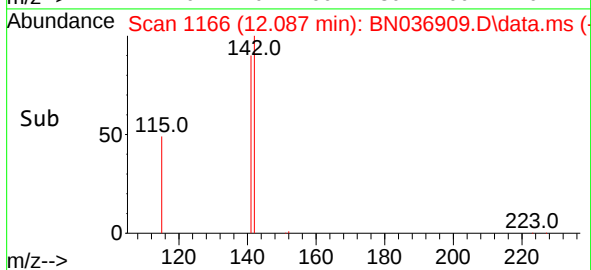
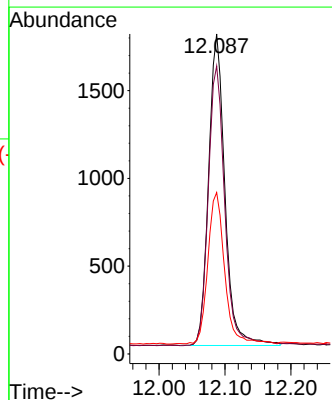
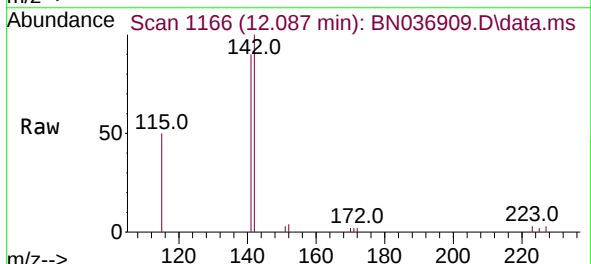
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

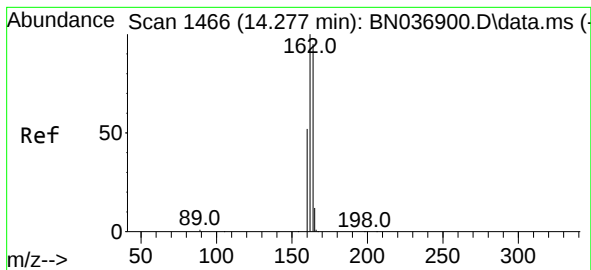
Tgt Ion:152 Resp: 2425  
Ion Ratio Lower Upper  
152 100  
151 21.7 17.1 25.7



#12  
2-Methylnaphthalene  
Concen: 0.404 ng  
RT: 12.087 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

Tgt Ion:142 Resp: 3049  
Ion Ratio Lower Upper  
142 100  
141 90.0 73.0 109.4  
115 50.5 41.1 61.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.277 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BN036909.D

Acq: 14 Apr 2025 20:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

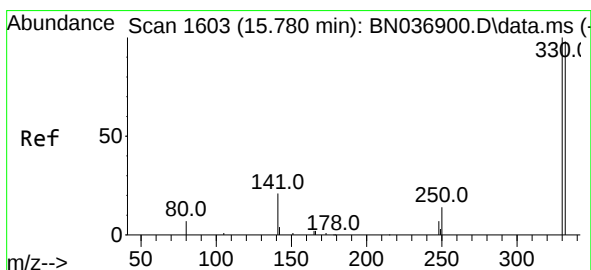
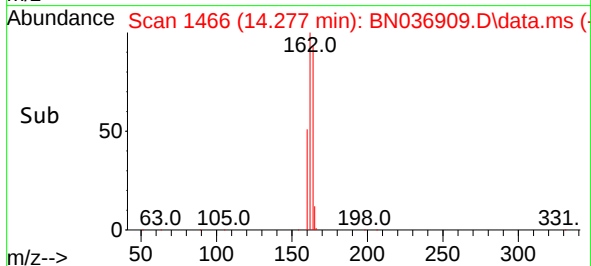
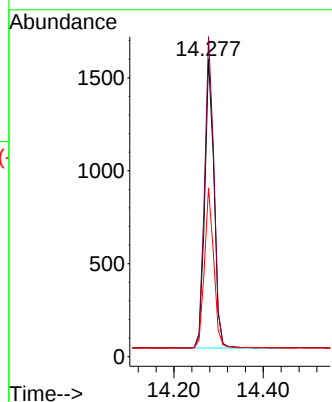
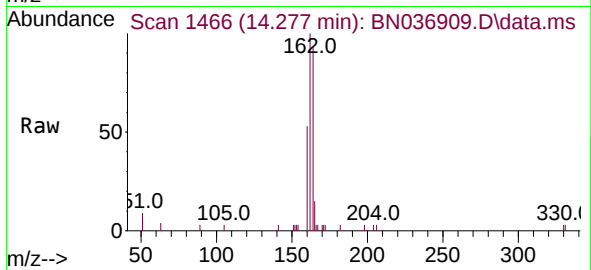
Tgt Ion:164 Resp: 2266

Ion Ratio Lower Upper

164 100

162 107.5 83.8 125.8

160 56.7 44.7 67.1



#14

2,4,6-Tribromophenol

Concen: 0.403 ng

RT: 15.780 min Scan# 1603

Delta R.T. 0.000 min

Lab File: BN036909.D

Acq: 14 Apr 2025 20:40

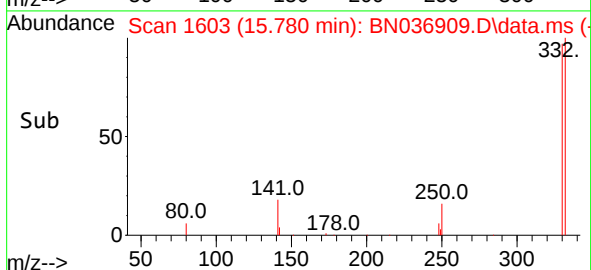
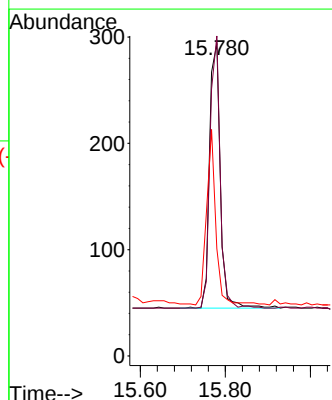
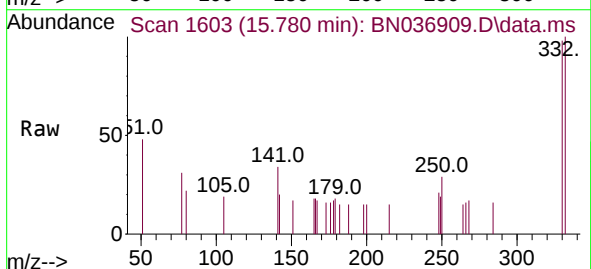
Tgt Ion:330 Resp: 439

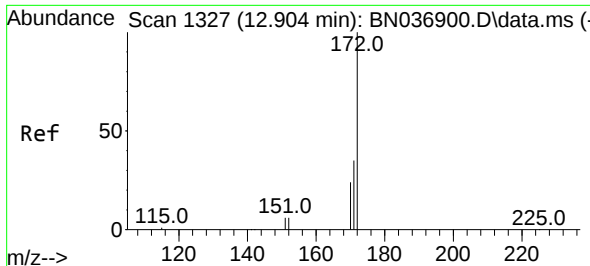
Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

141 54.9 44.5 66.7

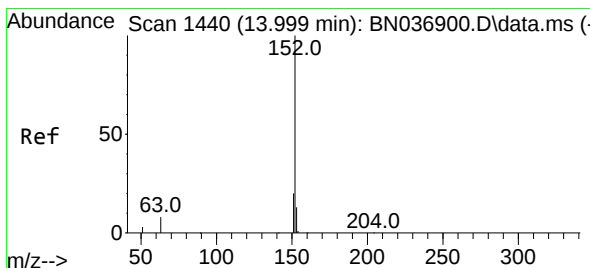
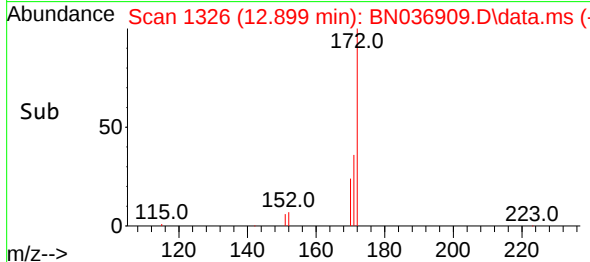
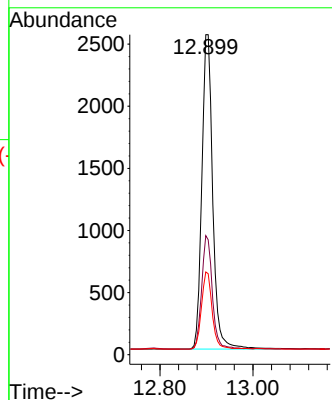
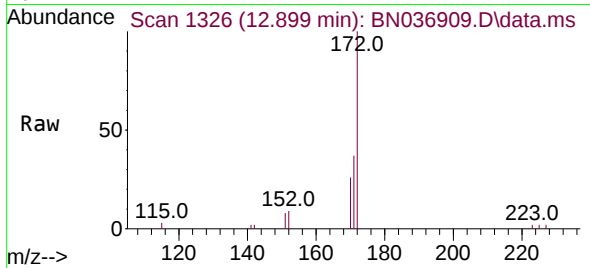




#15  
2-Fluorobiphenyl  
Concen: 0.433 ng  
RT: 12.899 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

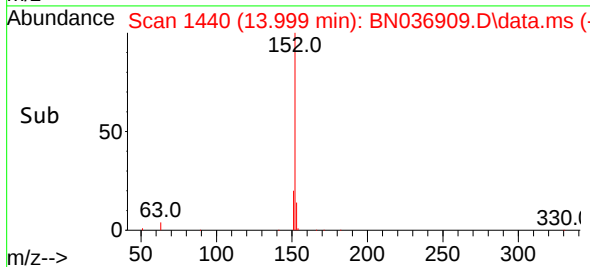
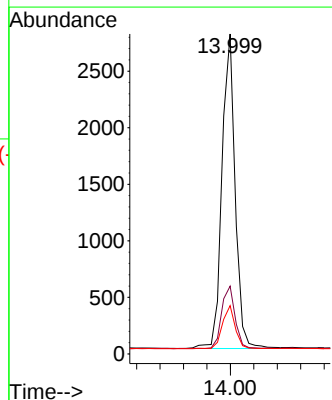
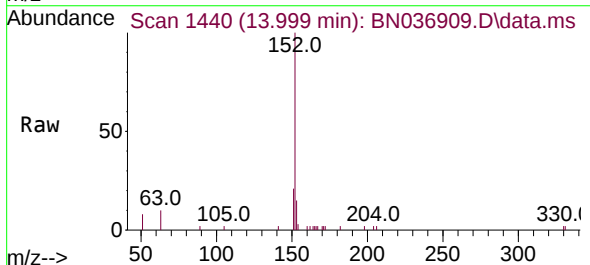
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

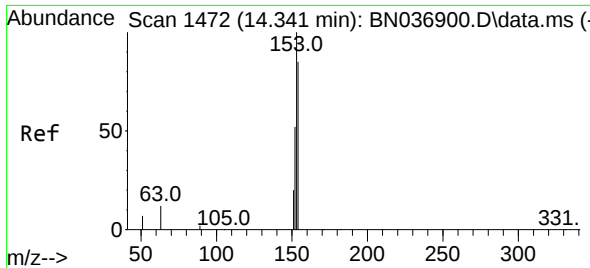
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 4734 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 37.2  | 29.2  | 43.8 |
| 170       | 25.9  | 20.5  | 30.7 |



#16  
Acenaphthylene  
Concen: 0.403 ng  
RT: 13.999 min Scan# 1440  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 4334 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 20.2  | 15.8  | 23.8 |
| 153       | 13.3  | 10.2  | 15.4 |

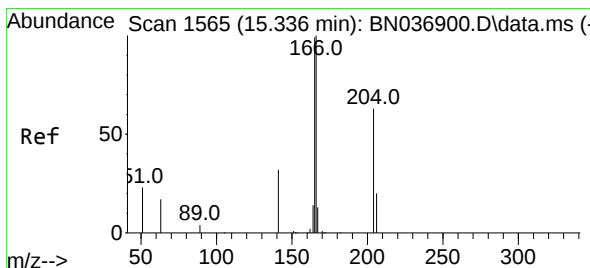
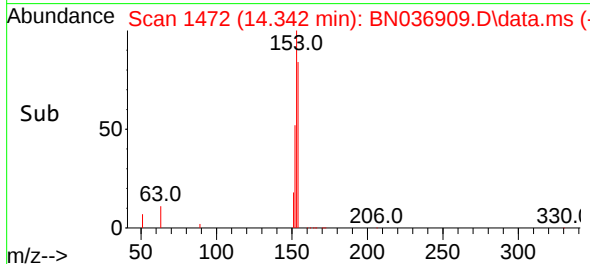
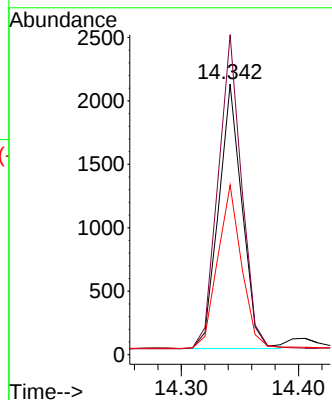
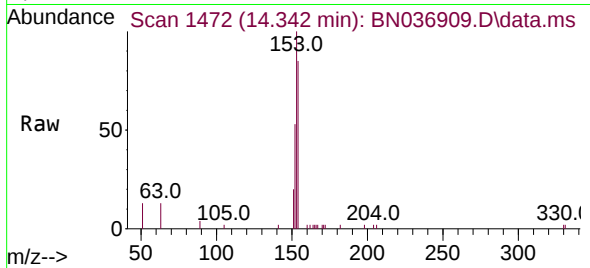




#17  
Acenaphthene  
Concen: 0.412 ng  
RT: 14.342 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

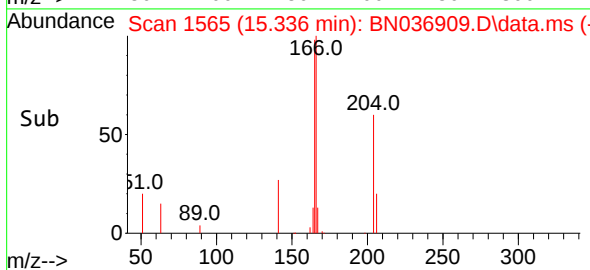
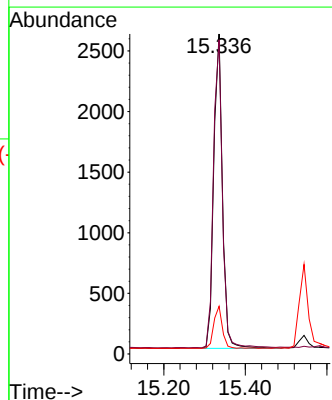
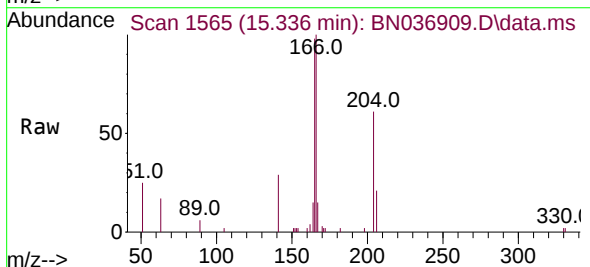
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

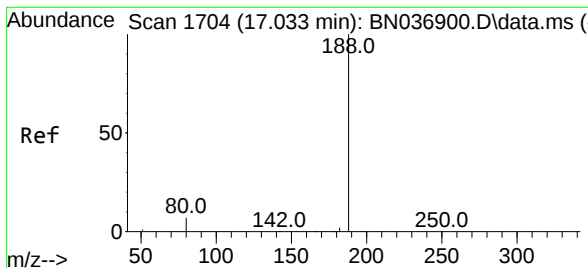
Tgt Ion:154 Resp: 2916  
Ion Ratio Lower Upper  
154 100  
153 118.9 94.7 142.1  
152 63.6 49.4 74.2



#18  
Fluorene  
Concen: 0.409 ng  
RT: 15.336 min Scan# 1565  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

Tgt Ion:166 Resp: 3826  
Ion Ratio Lower Upper  
166 100  
165 101.6 80.9 121.3  
167 13.4 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.021 min Scan# 1703

Delta R.T. -0.012 min

Lab File: BN036909.D

Acq: 14 Apr 2025 20:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

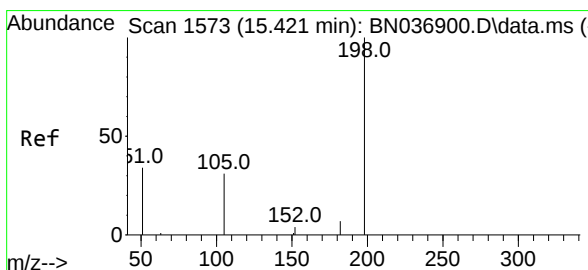
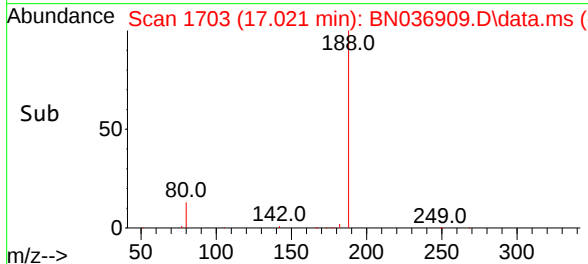
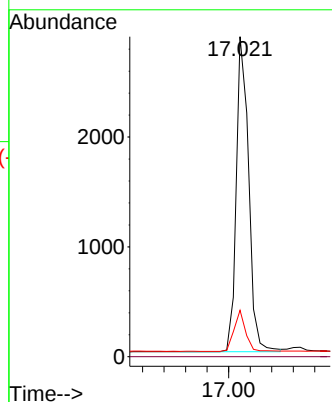
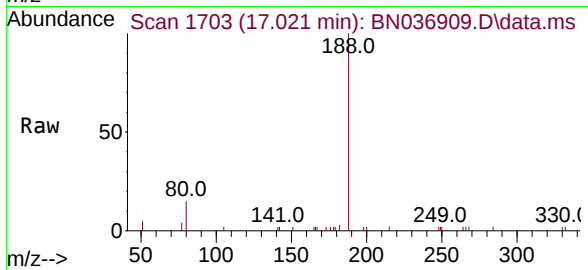
Tgt Ion:188 Resp: 4556

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.5 7.1 10.7#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.383 ng

RT: 15.421 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BN036909.D

Acq: 14 Apr 2025 20:40

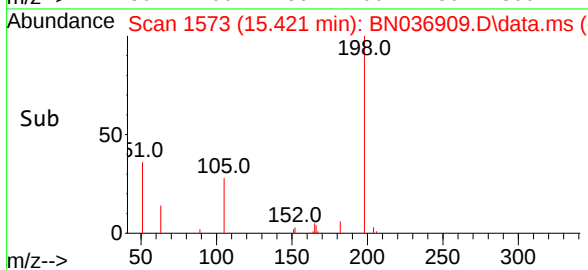
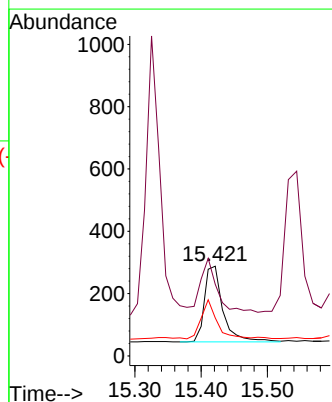
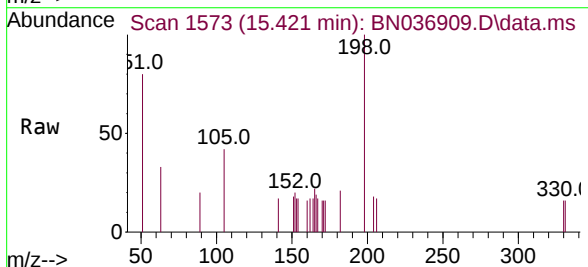
Tgt Ion:198 Resp: 476

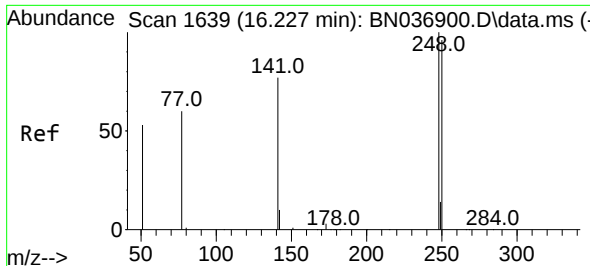
Ion Ratio Lower Upper

198 100

51 79.9 68.4 102.6

105 42.4 38.7 58.1

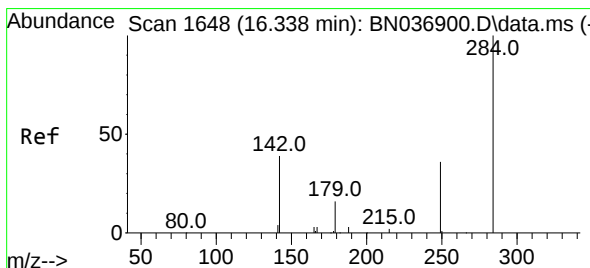
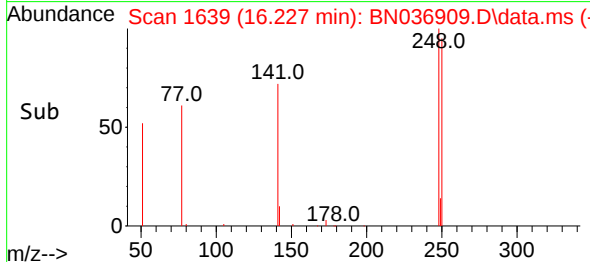
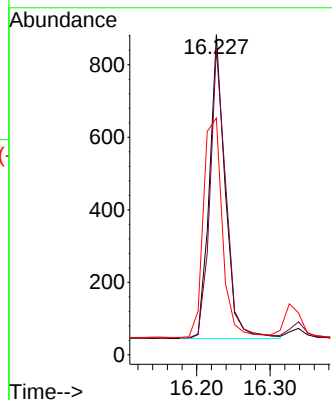
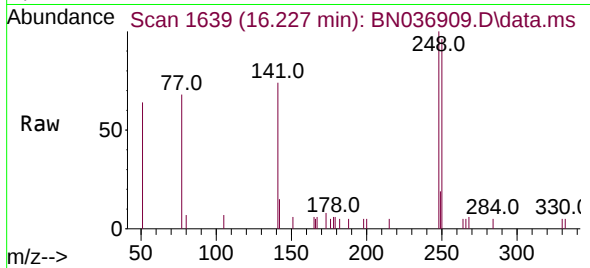




#21  
4-Bromophenyl-phenylether  
Concen: 0.434 ng  
RT: 16.227 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

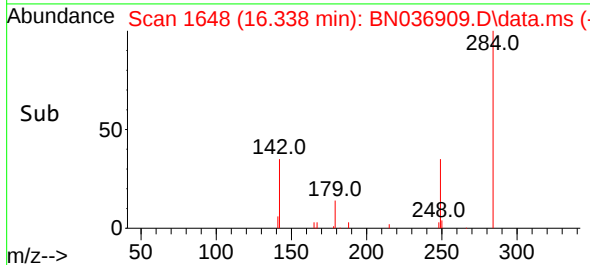
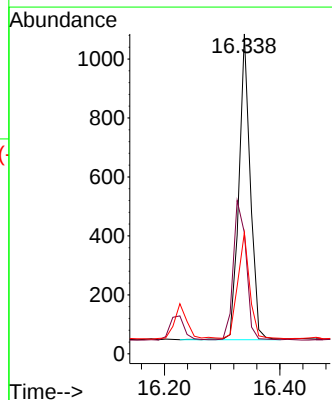
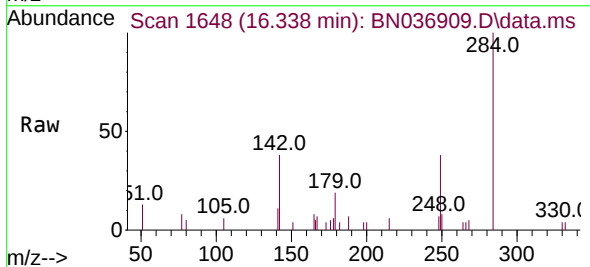
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

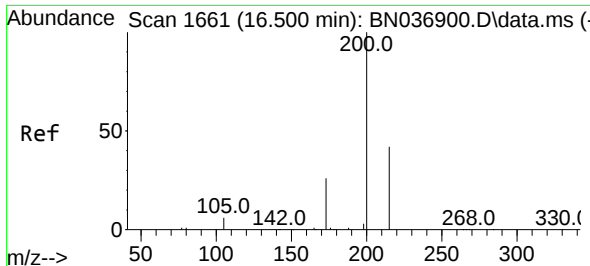
Tgt Ion:248 Resp: 1252  
Ion Ratio Lower Upper  
248 100  
250 95.8 77.0 115.6  
141 74.0 63.0 94.4



#22  
Hexachlorobenzene  
Concen: 0.436 ng  
RT: 16.338 min Scan# 1648  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

Tgt Ion:284 Resp: 1412  
Ion Ratio Lower Upper  
284 100  
142 52.1 42.6 64.0  
249 36.7 29.1 43.7

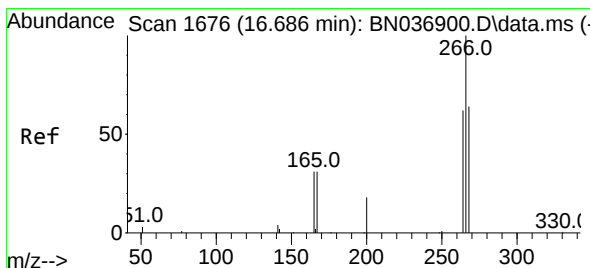
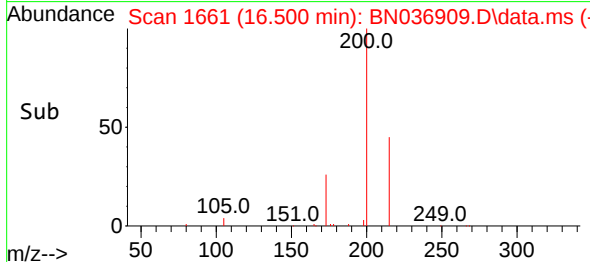
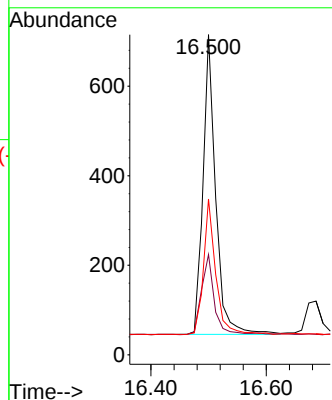
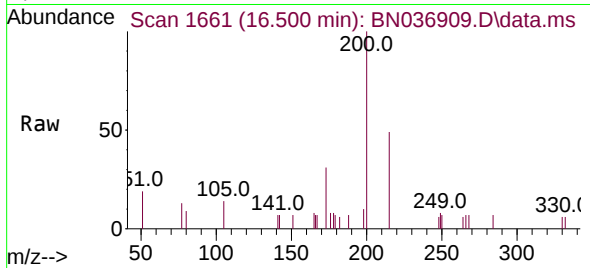




#23  
Atrazine  
Concen: 0.424 ng  
RT: 16.500 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

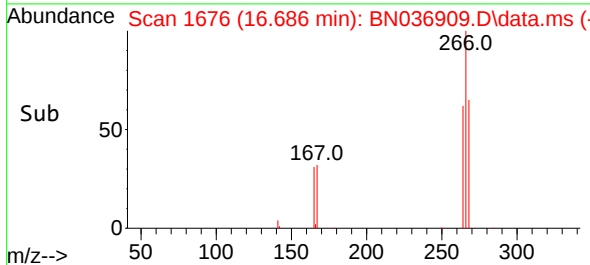
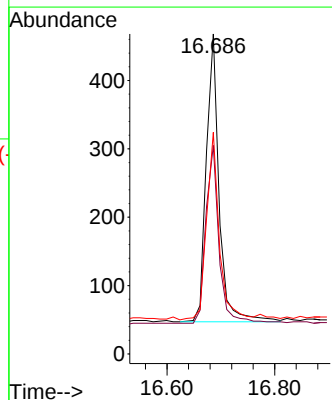
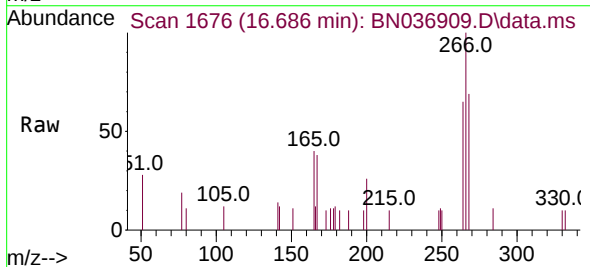
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

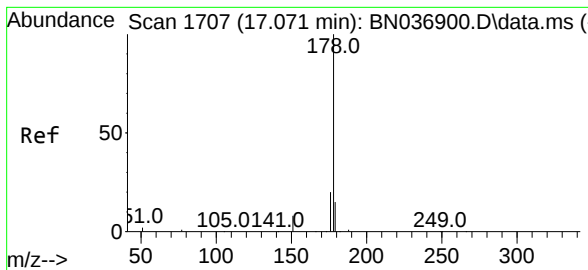
Tgt Ion:200 Resp: 1019  
Ion Ratio Lower Upper  
200 100  
173 31.3 25.0 37.4  
215 48.7 37.2 55.8



#24  
Pentachlorophenol  
Concen: 0.402 ng  
RT: 16.686 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

Tgt Ion:266 Resp: 695  
Ion Ratio Lower Upper  
266 100  
264 63.3 50.4 75.6  
268 64.2 50.6 76.0

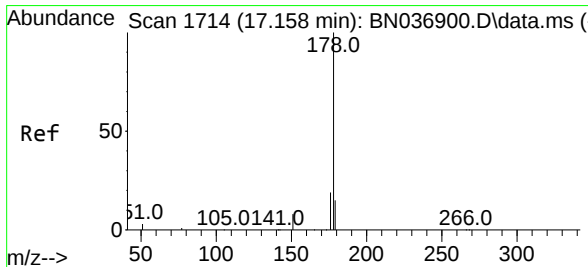
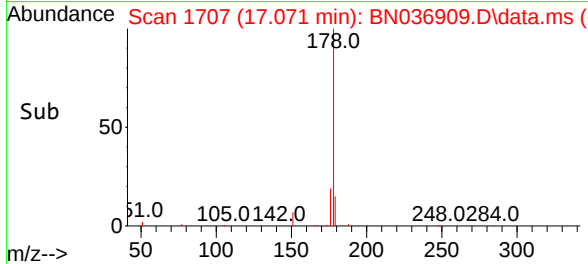
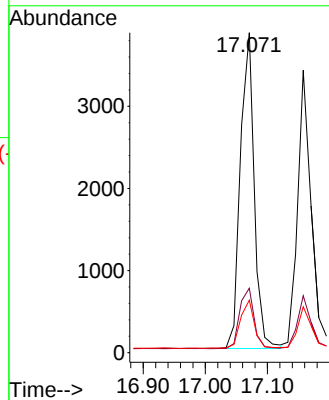
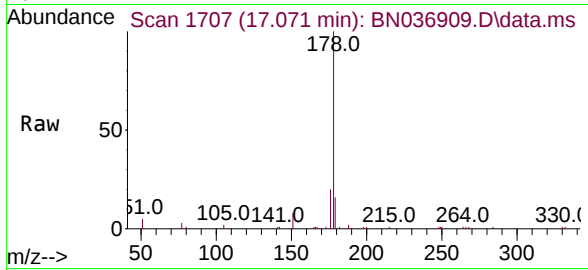




#25  
 Phenanthrene  
 Concen: 0.428 ng  
 RT: 17.071 min Scan# 1707  
 Delta R.T. 0.000 min  
 Lab File: BN036909.D  
 Acq: 14 Apr 2025 20:40

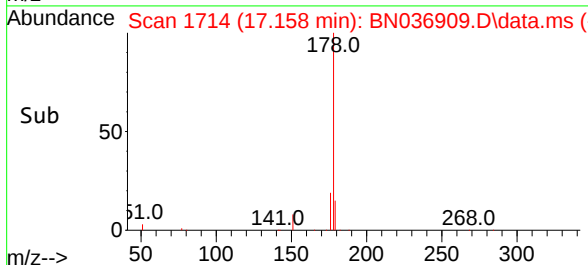
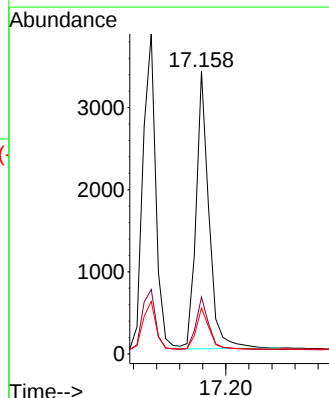
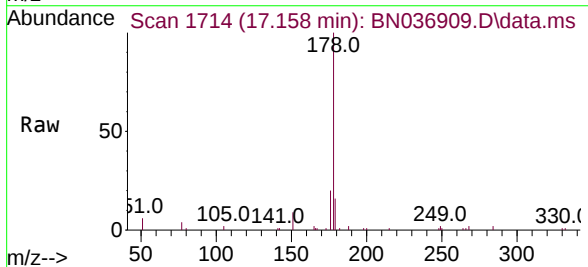
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 SSTDCCC0.4EC

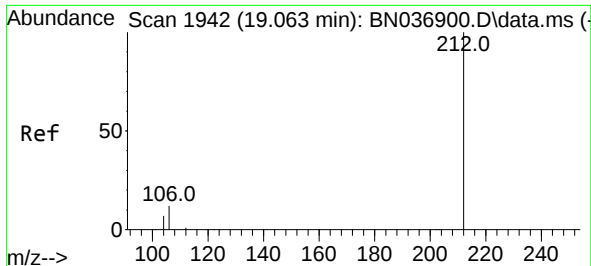
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 5984  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 19.8  | 16.2  | 24.2  |
| 179      | 15.6  | 12.2  | 18.4  |



#26  
 Anthracene  
 Concen: 0.416 ng  
 RT: 17.158 min Scan# 1714  
 Delta R.T. 0.000 min  
 Lab File: BN036909.D  
 Acq: 14 Apr 2025 20:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 5235  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 19.2  | 15.5  | 23.3  |
| 179      | 15.2  | 12.1  | 18.1  |

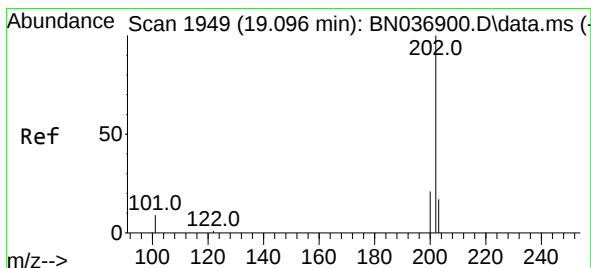
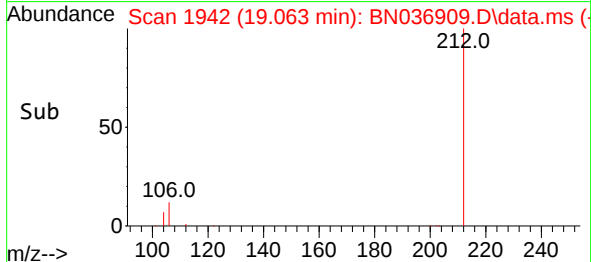
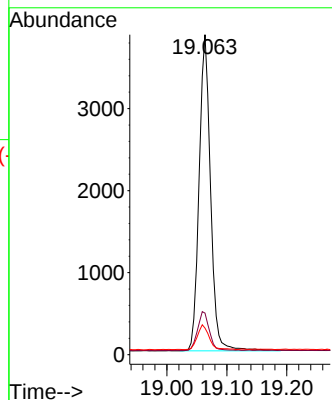
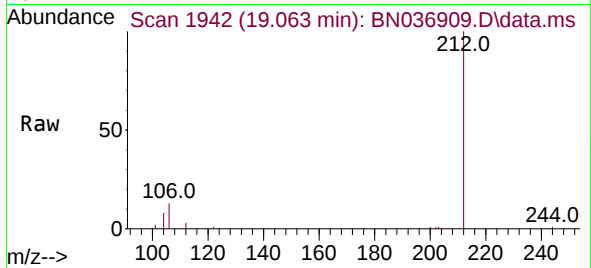




#27  
Fluoranthene-d10  
Concen: 0.425 ng  
RT: 19.063 min Scan# 1942  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

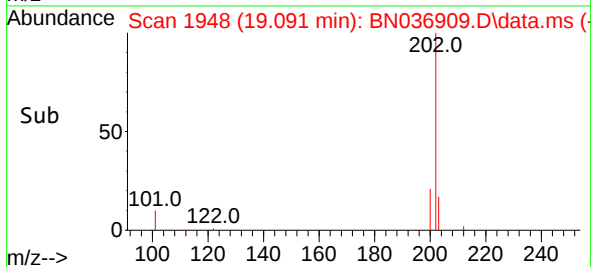
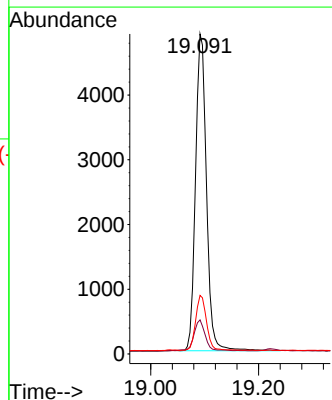
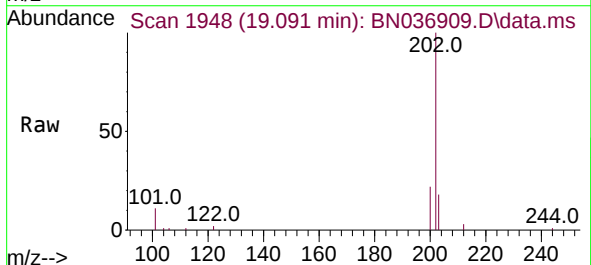
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BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

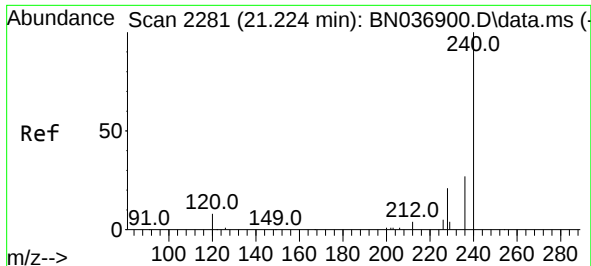
Tgt Ion:212 Resp: 5127  
Ion Ratio Lower Upper  
212 100  
106 12.7 10.6 15.8  
104 7.9 6.6 10.0



#28  
Fluoranthene  
Concen: 0.420 ng  
RT: 19.091 min Scan# 1948  
Delta R.T. -0.005 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

Tgt Ion:202 Resp: 6888  
Ion Ratio Lower Upper  
202 100  
101 9.9 8.2 12.4  
203 17.2 13.6 20.4

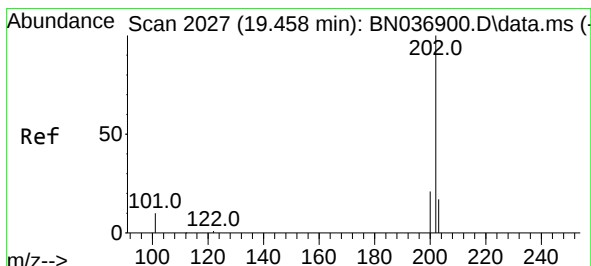
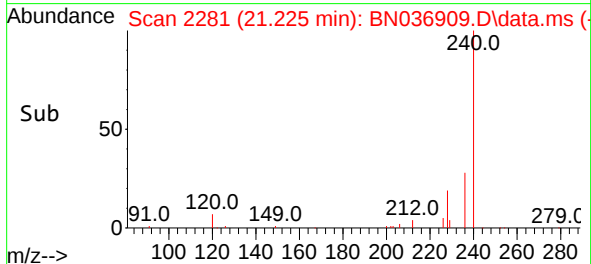
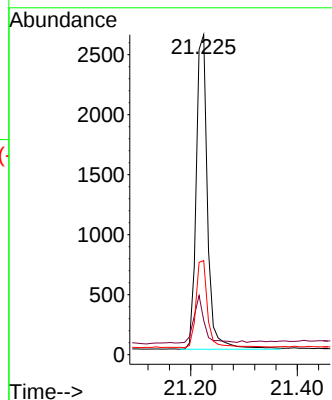
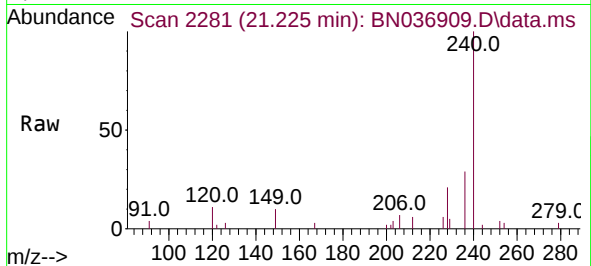




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.225 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

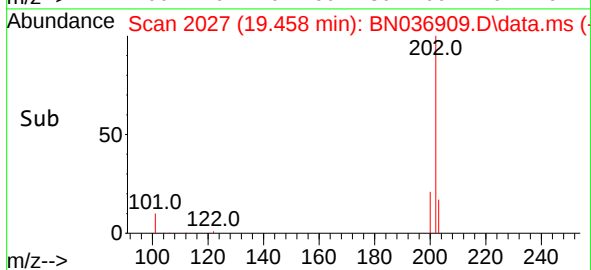
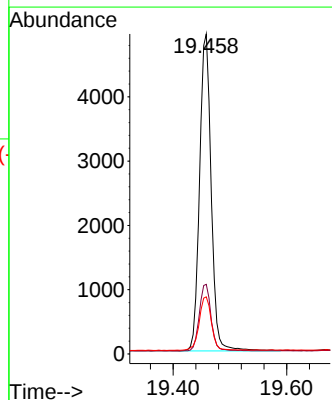
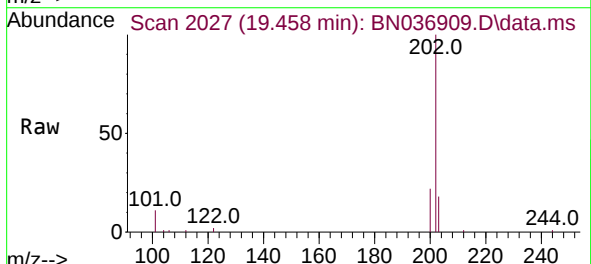
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

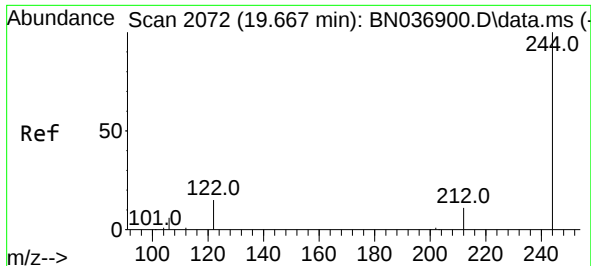
Tgt Ion:240 Resp: 3898  
Ion Ratio Lower Upper  
240 100  
120 10.7 9.8 14.6  
236 29.4 23.1 34.7



#30  
Pyrene  
Concen: 0.398 ng  
RT: 19.458 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

Tgt Ion:202 Resp: 6973  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.0 25.6  
203 18.0 14.1 21.1

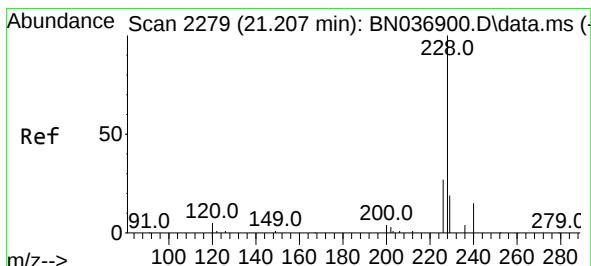
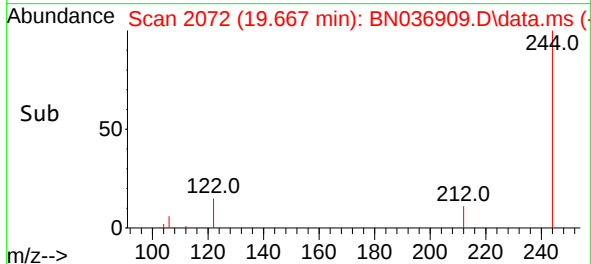
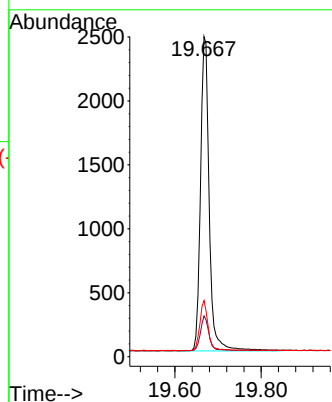
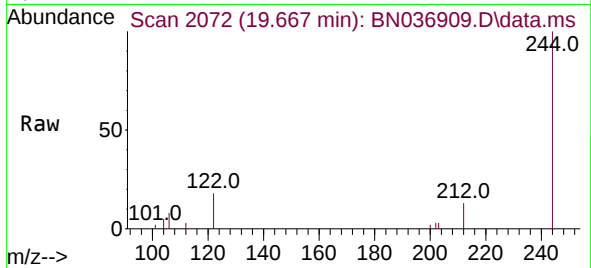




#31  
 Terphenyl-d14  
 Concen: 0.403 ng  
 RT: 19.667 min Scan# 2072  
 Delta R.T. 0.000 min  
 Lab File: BN036909.D  
 Acq: 14 Apr 2025 20:40

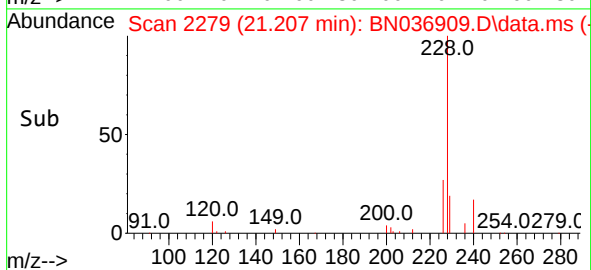
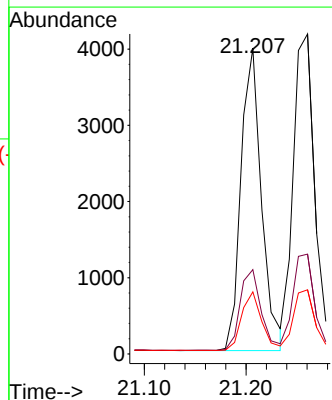
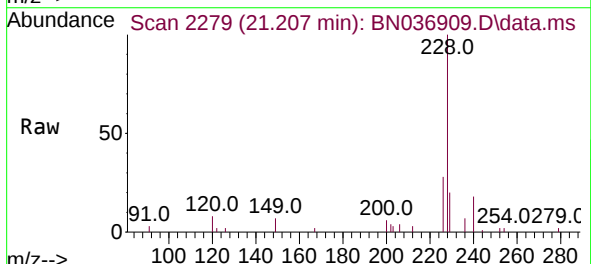
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

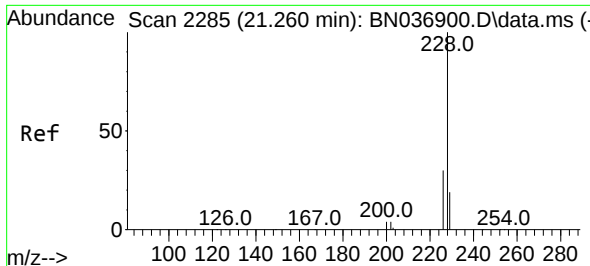
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:244 | Resp: | 3436      |
| Ion Ratio   | Lower | Upper     |
| 244         | 100   |           |
| 212         | 12.7  | 10.1 15.1 |
| 122         | 17.5  | 13.6 20.4 |



#32  
 Benzo(a)anthracene  
 Concen: 0.393 ng  
 RT: 21.207 min Scan# 2279  
 Delta R.T. 0.000 min  
 Lab File: BN036909.D  
 Acq: 14 Apr 2025 20:40

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 5553      |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 27.6  | 22.5 33.7 |
| 229         | 20.3  | 16.2 24.4 |





#33

Chrysene

Concen: 0.414 ng

RT: 21.260 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN036909.D

Acq: 14 Apr 2025 20:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

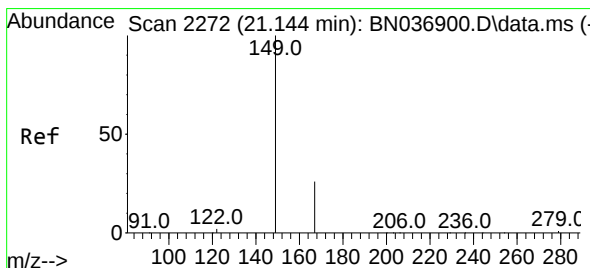
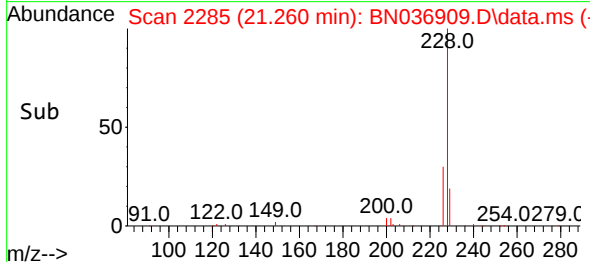
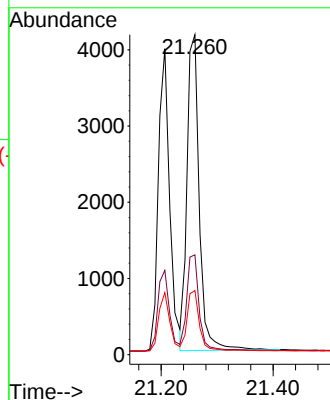
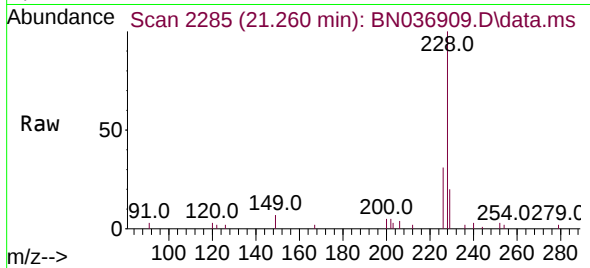
Tgt Ion:228 Resp: 6322

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

229 20.1 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.432 ng

RT: 21.144 min Scan# 2272

Delta R.T. 0.000 min

Lab File: BN036909.D

Acq: 14 Apr 2025 20:40

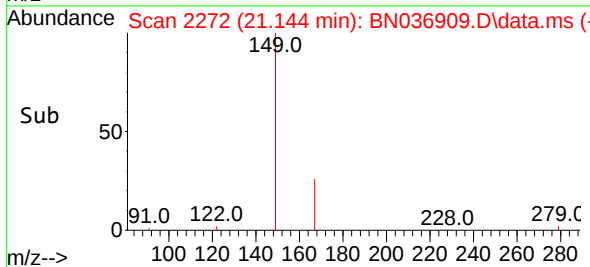
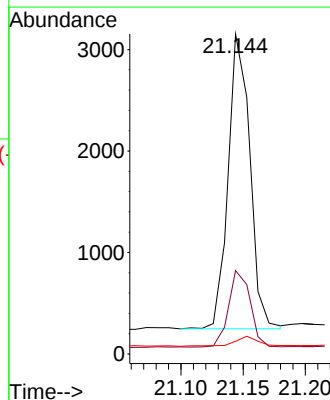
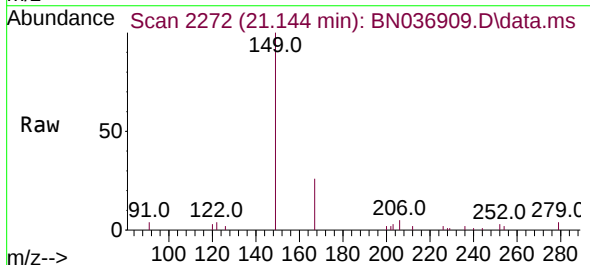
Tgt Ion:149 Resp: 3525

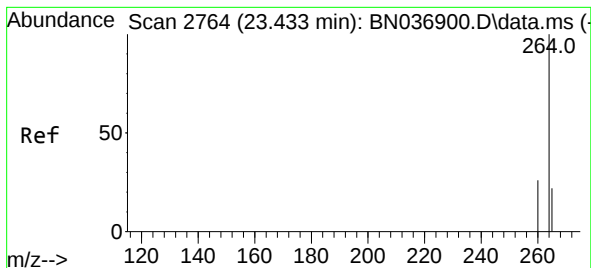
Ion Ratio Lower Upper

149 100

167 25.8 21.7 32.5

279 3.7 3.0 4.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.430 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN036909.D

Acq: 14 Apr 2025 20:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

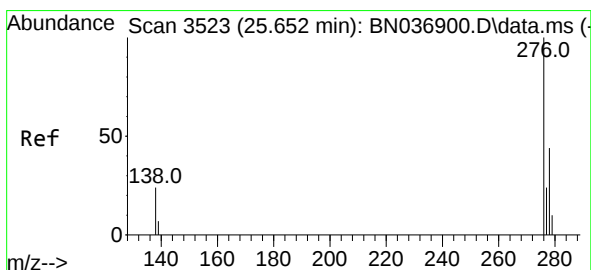
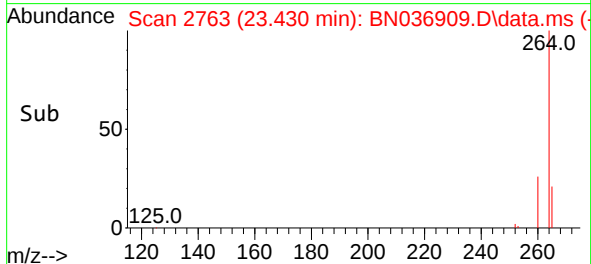
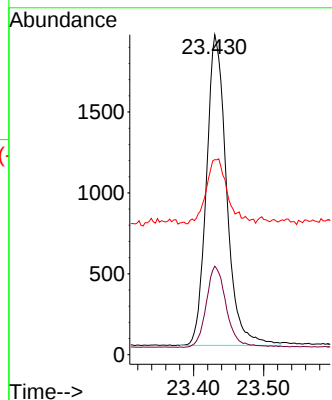
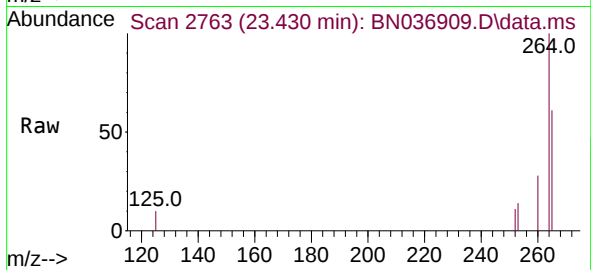
Tgt Ion:264 Resp: 3838

Ion Ratio Lower Upper

264 100

260 27.7 22.3 33.5

265 61.0 57.6 86.4



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.430 ng

RT: 25.655 min Scan# 3524

Delta R.T. 0.003 min

Lab File: BN036909.D

Acq: 14 Apr 2025 20:40

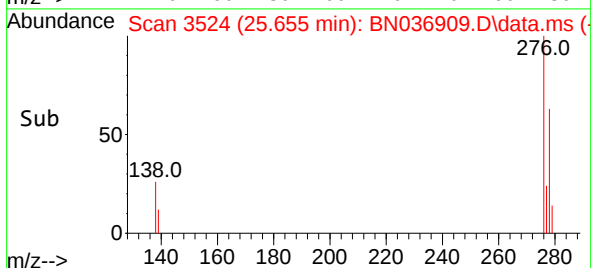
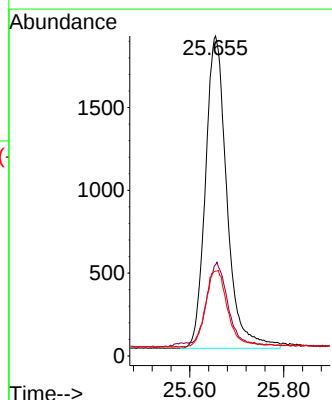
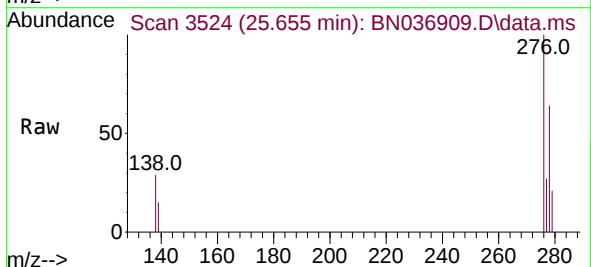
Tgt Ion:276 Resp: 5983

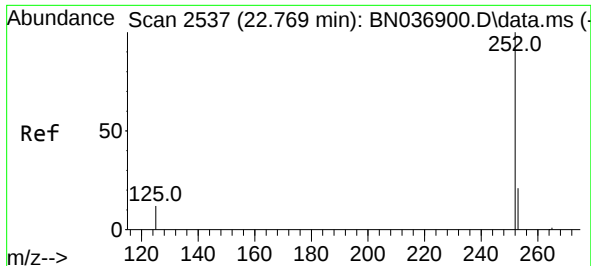
Ion Ratio Lower Upper

276 100

138 25.5 20.3 30.5

277 25.1 20.3 30.5

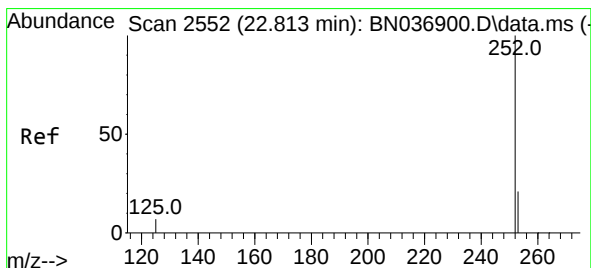
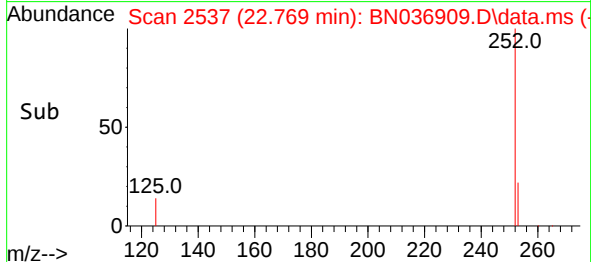
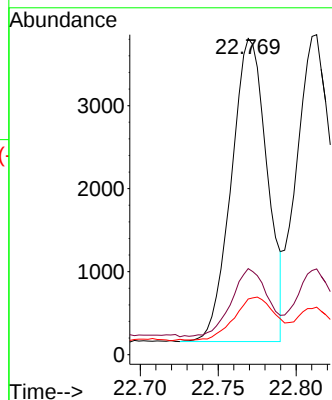
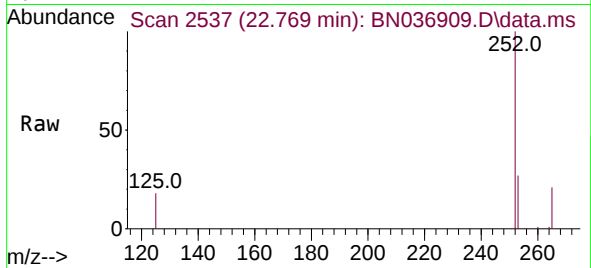




#37  
Benzo(b)fluoranthene  
Concen: 0.394 ng  
RT: 22.769 min Scan# 2537  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

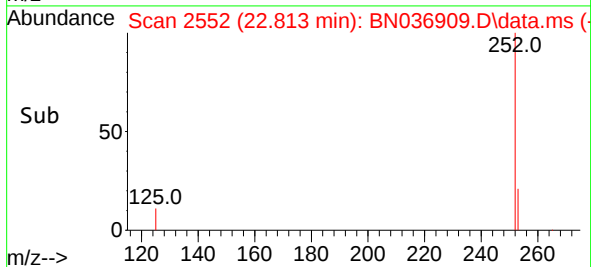
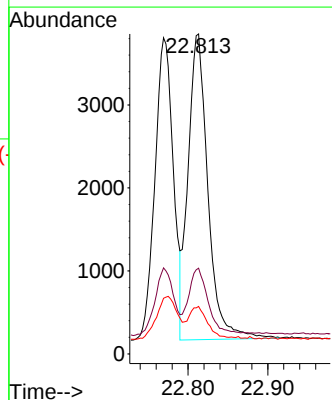
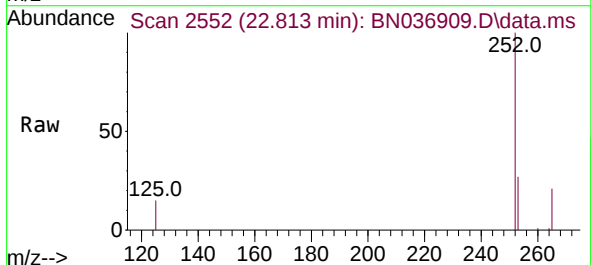
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

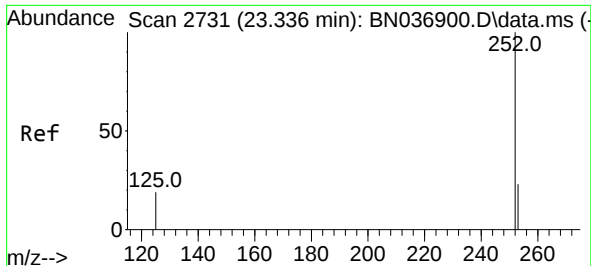
Tgt Ion:252 Resp: 5848  
Ion Ratio Lower Upper  
252 100  
253 27.2 22.0 33.0  
125 17.6 13.7 20.5



#38  
Benzo(k)fluoranthene  
Concen: 0.424 ng  
RT: 22.813 min Scan# 2552  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

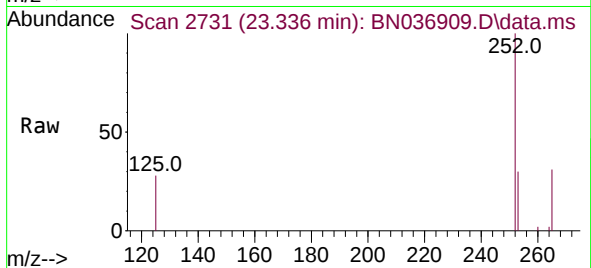
Tgt Ion:252 Resp: 6361  
Ion Ratio Lower Upper  
252 100  
253 26.8 22.7 34.1  
125 14.9 12.5 18.7



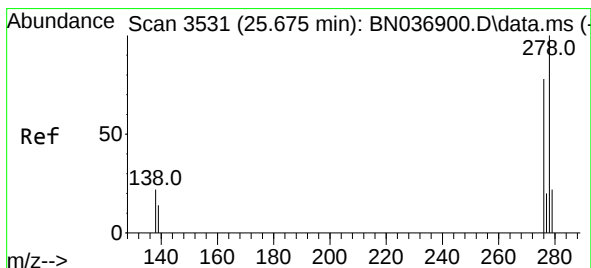
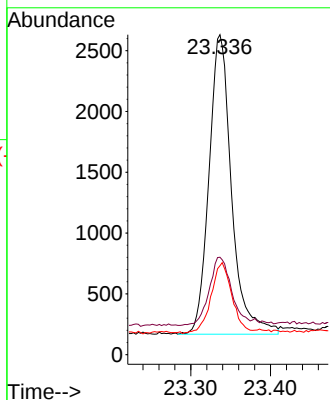
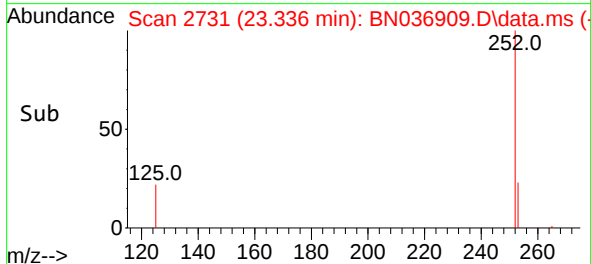


#39  
Benzo(a)pyrene  
Concen: 0.392 ng  
RT: 23.336 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40

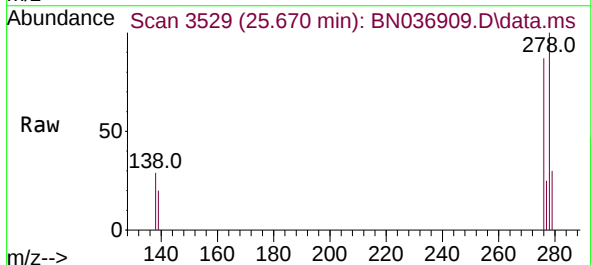
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



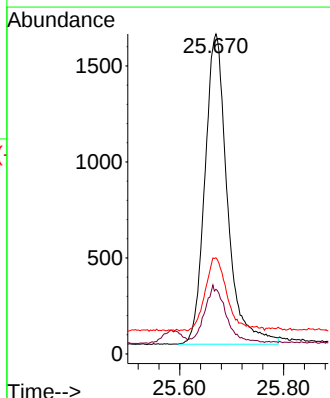
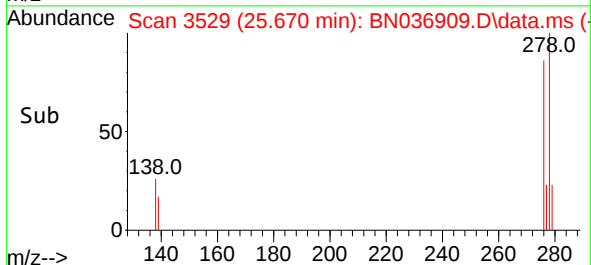
Tgt Ion:252 Resp: 4853  
Ion Ratio Lower Upper  
252 100  
253 30.4 25.8 38.6  
125 27.8 20.7 31.1

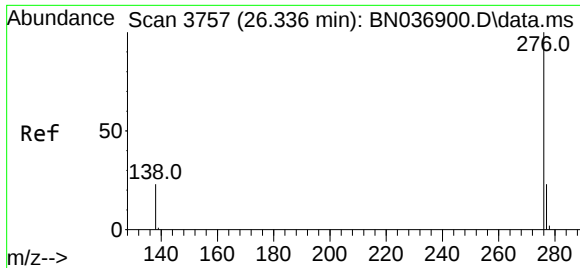


#40  
Dibenzo(a,h)anthracene  
Concen: 0.448 ng  
RT: 25.670 min Scan# 3529  
Delta R.T. -0.006 min  
Lab File: BN036909.D  
Acq: 14 Apr 2025 20:40



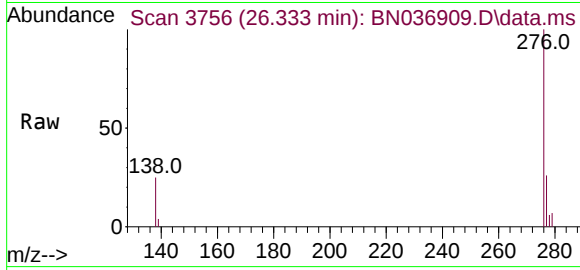
Tgt Ion:278 Resp: 4846  
Ion Ratio Lower Upper  
278 100  
139 20.2 16.9 25.3  
279 30.1 25.7 38.5





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.442 ng  
 RT: 26.333 min Scan# 31  
 Delta R.T. -0.003 min  
 Lab File: BN036909.D  
 Acq: 14 Apr 2025 20:40

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 5281 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 25.6  | 21.3  | 31.9 |
| 138       | 24.8  | 20.8  | 31.2 |

