

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020124\  
 Data File : BN029491.D  
 Acq On : 01 Feb 2024 18:18  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Feb 02 01:04:05 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 01:51:59 2024  
 Response via : Initial Calibration

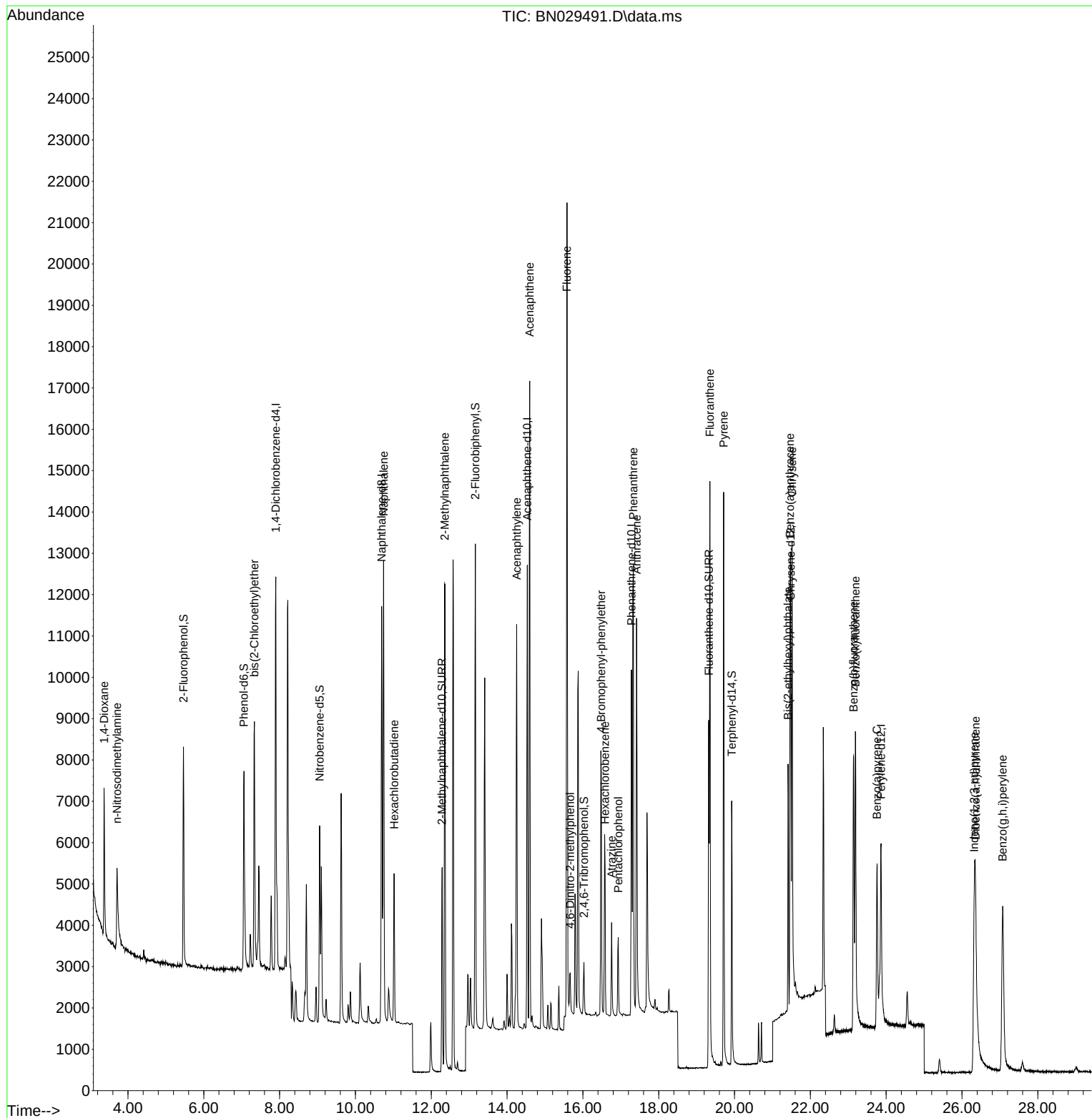
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.898  | 152  | 4689     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.690 | 136  | 13145    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.533 | 164  | 6126     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.280 | 188  | 11359    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.483 | 240  | 6712     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.865 | 264  | 6939     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.464  | 112  | 4372     | 0.388 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.060  | 99   | 5111     | 0.393 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.057  | 82   | 4284     | 0.391 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.284 | 152  | 7129     | 0.398 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.027 | 330  | 670      | 0.341 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.164 | 172  | 10358    | 0.394 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.322 | 212  | 9736     | 0.354 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.926 | 244  | 6898     | 0.414 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.369  | 88   | 2501     | 0.379 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.709  | 42   | 1903     | 0.354 | ng    | # 91     |
| 6) bis(2-Chloroethyl)ether    | 7.335  | 93   | 5070     | 0.409 | ng    | 97       |
| 9) Naphthalene                | 10.744 | 128  | 14672    | 0.392 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.021 | 225  | 2769     | 0.390 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.359 | 142  | 8674     | 0.394 | ng    | 99       |
| 16) Acenaphthylene            | 14.255 | 152  | 10910    | 0.375 | ng    | 99       |
| 17) Acenaphthene              | 14.597 | 154  | 7636     | 0.391 | ng    | 99       |
| 18) Fluorene                  | 15.580 | 166  | 9412     | 0.384 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.667 | 198  | 667      | 0.400 | ng    | # 59     |
| 21) 4-Bromophenyl-phenylether | 16.486 | 248  | 2668     | 0.395 | ng    | # 72     |
| 22) Hexachlorobenzene         | 16.585 | 284  | 3196     | 0.385 | ng    | 98       |
| 23) Atrazine                  | 16.759 | 200  | 1777     | 0.370 | ng    | 99       |
| 24) Pentachlorophenol         | 16.933 | 266  | 957      | 0.364 | ng    | 99       |
| 25) Phenanthrene              | 17.330 | 178  | 13130    | 0.391 | ng    | 99       |
| 26) Anthracene                | 17.417 | 178  | 10900    | 0.381 | ng    | 100      |
| 28) Fluoranthene              | 19.350 | 202  | 12997    | 0.344 | ng    | 100      |
| 30) Pyrene                    | 19.712 | 202  | 13341    | 0.432 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.465 | 228  | 8756     | 0.382 | ng    | 99       |
| 33) Chrysene                  | 21.519 | 228  | 10481    | 0.402 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.412 | 149  | 6096     | 0.390 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.320 | 276  | 10048    | 0.360 | ng    | # 78     |
| 37) Benzo(b)fluoranthene      | 23.139 | 252  | 9168     | 0.370 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 23.189 | 252  | 10106    | 0.389 | ng    | # 92     |
| 39) Benzo(a)pyrene            | 23.759 | 252  | 8099     | 0.375 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 26.358 | 278  | 7717     | 0.347 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 27.075 | 276  | 9708     | 0.359 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

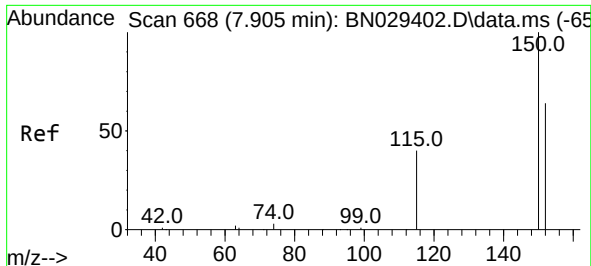
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020124\  
Data File : BN029491.D  
Acq On : 01 Feb 2024 18:18  
Operator : MA/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

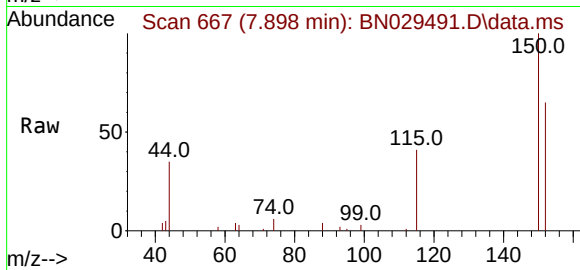
Quant Time: Feb 02 01:04:05 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 01 01:51:59 2024  
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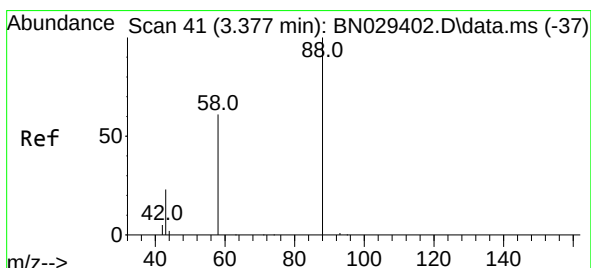
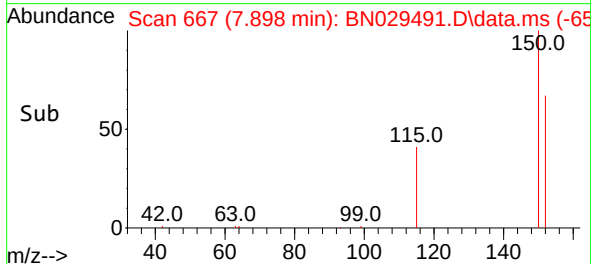
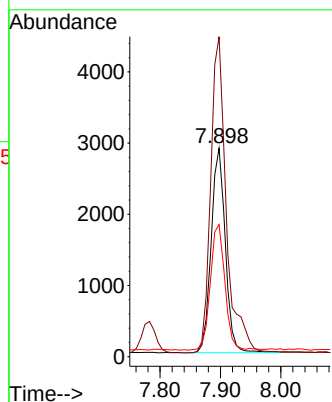
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.898 min Scan# 60  
 Delta R.T. -0.000 min  
 Lab File: BN029491.D  
 Acq: 01 Feb 2024 18:18

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion:152 Resp: 4689

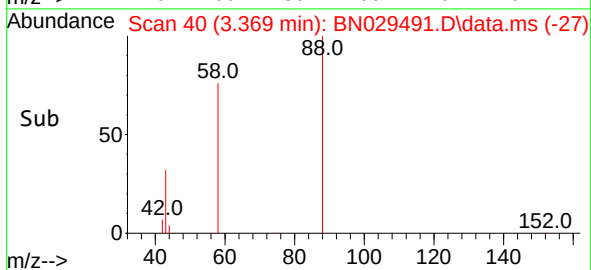
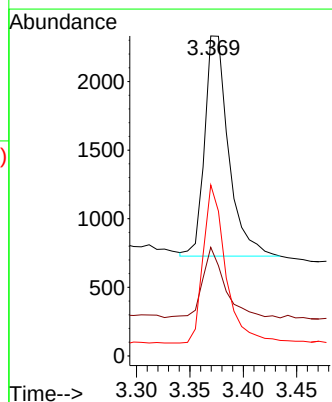
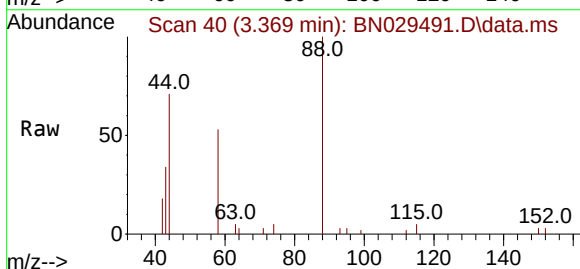
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 153.5 | 123.0 | 184.4 |
| 115 | 63.4  | 51.4  | 77.0  |

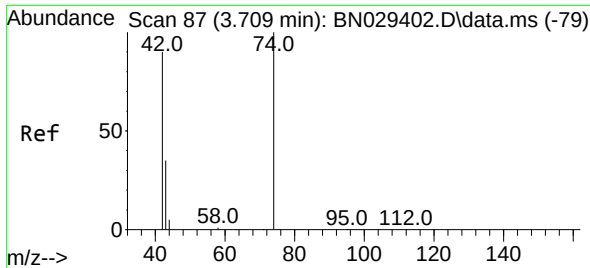


#2  
 1,4-Dioxane  
 Concen: 0.379 ng  
 RT: 3.369 min Scan# 40  
 Delta R.T. -0.007 min  
 Lab File: BN029491.D  
 Acq: 01 Feb 2024 18:18

Tgt Ion: 88 Resp: 2501

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 30.1  | 23.3  | 34.9  |
| 58  | 67.5  | 53.8  | 80.6  |

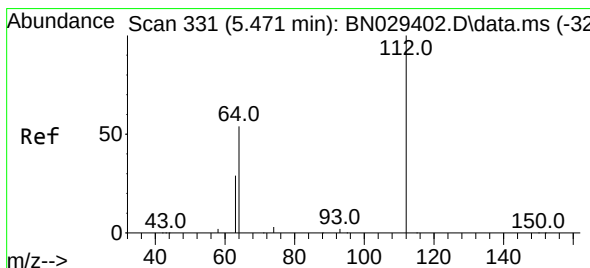
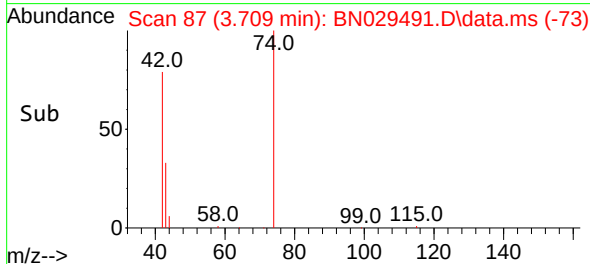
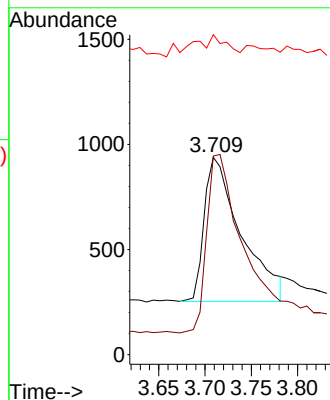
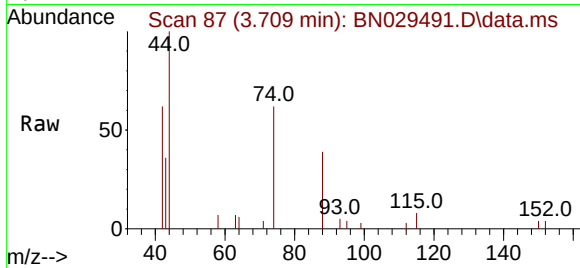




#3  
n-Nitrosodimethylamine  
Concen: 0.354 ng  
RT: 3.709 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

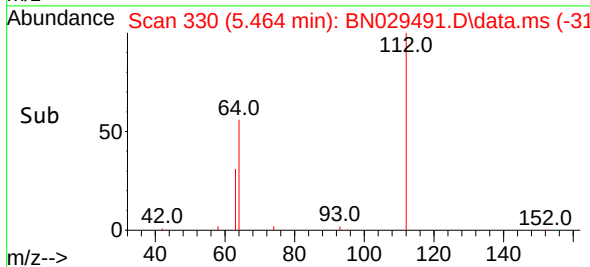
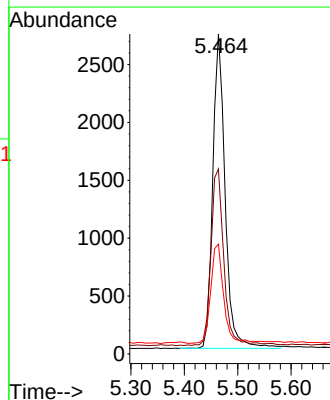
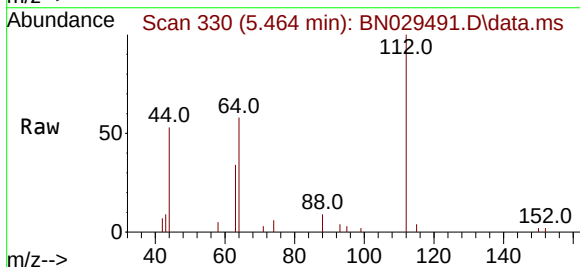
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

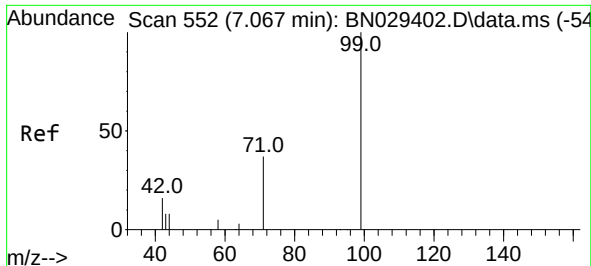
Tgt Ion: 42 Resp: 1903  
Ion Ratio Lower Upper  
42 100  
74 124.5 93.7 140.5  
44 4.8 13.0 19.4#



#4  
2-Fluorophenol  
Concen: 0.388 ng  
RT: 5.464 min Scan# 330  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

Tgt Ion: 112 Resp: 4372  
Ion Ratio Lower Upper  
112 100  
64 59.1 47.2 70.8  
63 33.8 25.8 38.6

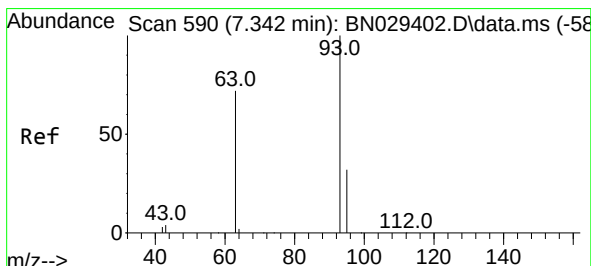
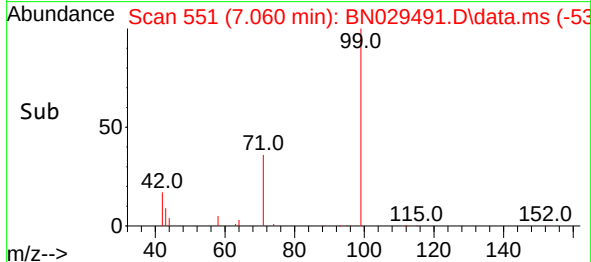
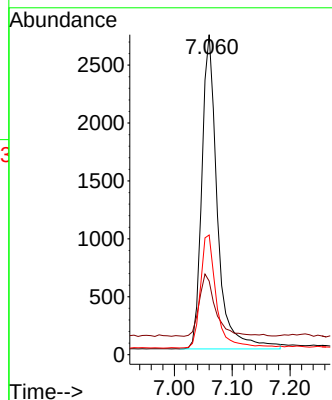
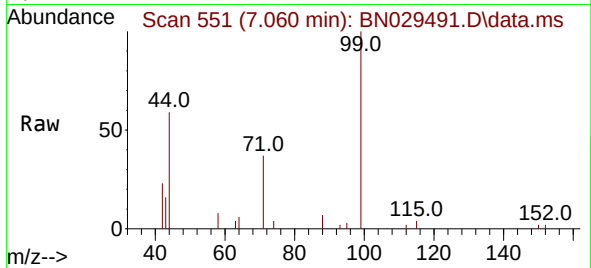




#5  
Phenol-d6  
Concen: 0.393 ng  
RT: 7.060 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

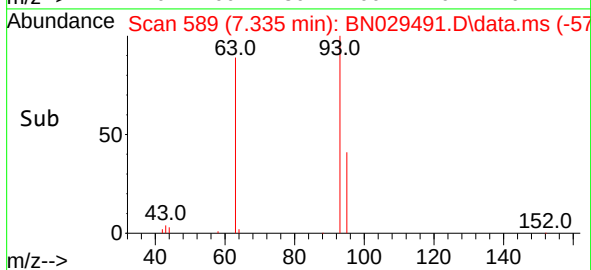
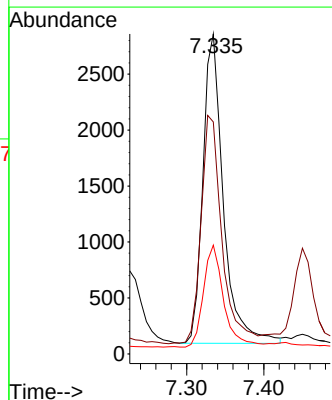
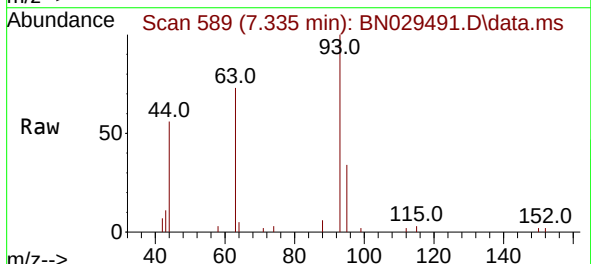
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

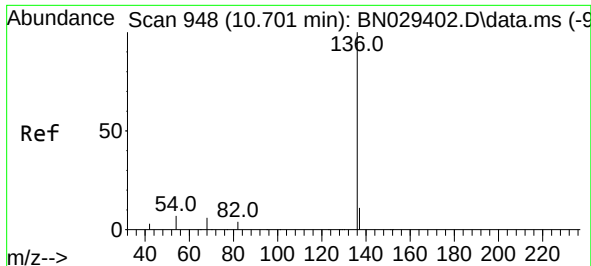
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 5111  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 20.4  | 16.9  | 25.3  |
| 71       | 36.8  | 30.0  | 45.0  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.409 ng  
RT: 7.335 min Scan# 589  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 5070  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 75.4  | 63.1  | 94.7  |
| 95       | 32.8  | 27.1  | 40.7  |

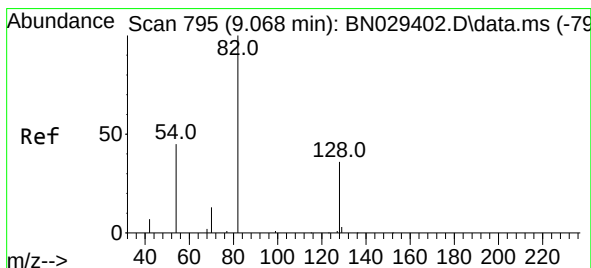
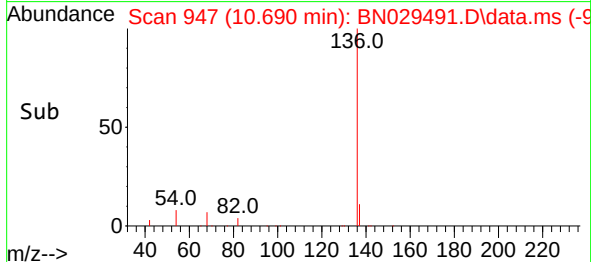
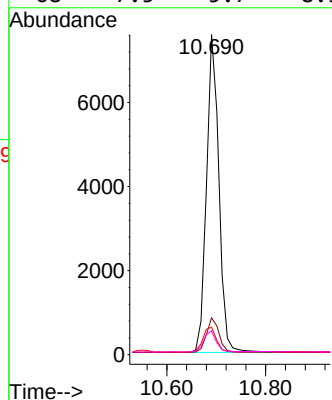
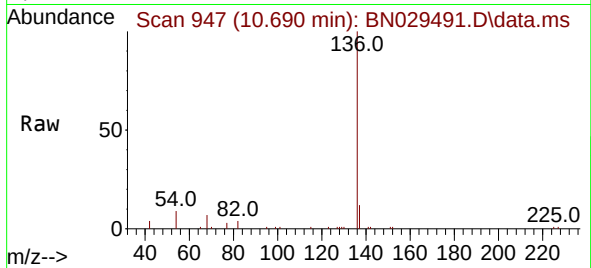




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.690 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

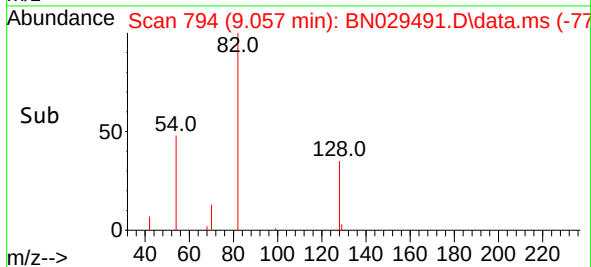
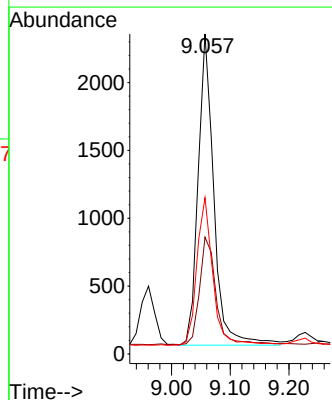
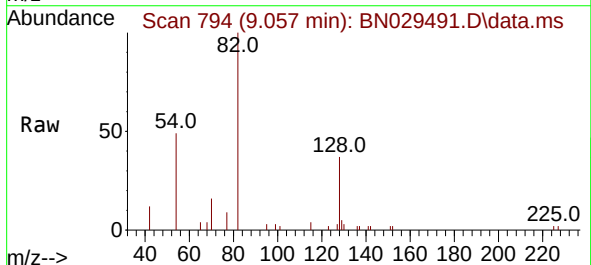
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

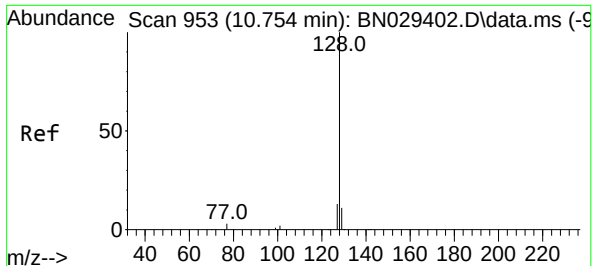
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 13145 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.5  | 9.7   | 14.5  |
| 54        | 8.6   | 6.6   | 10.0  |
| 68        | 7.5   | 5.7   | 8.5   |



#8  
Nitrobenzene-d5  
Concen: 0.391 ng  
RT: 9.057 min Scan# 794  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 4284 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 36.5  | 31.6  | 47.4 |
| 54        | 48.9  | 38.2  | 57.4 |

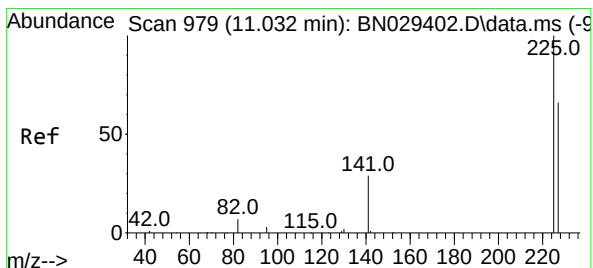
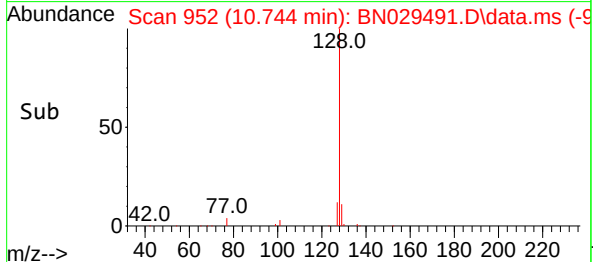
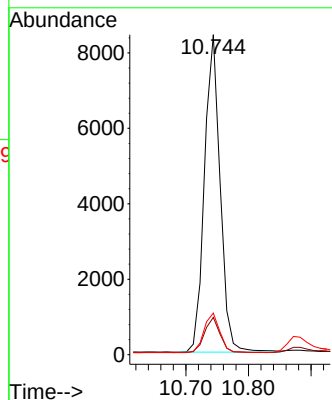
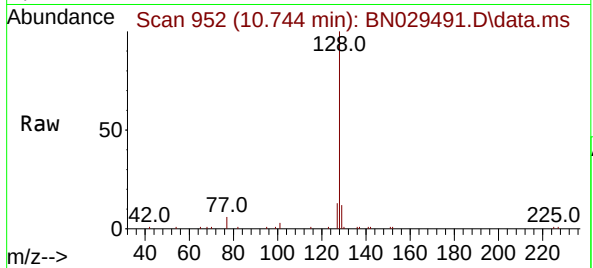




#9  
Naphthalene  
Concen: 0.392 ng  
RT: 10.744 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

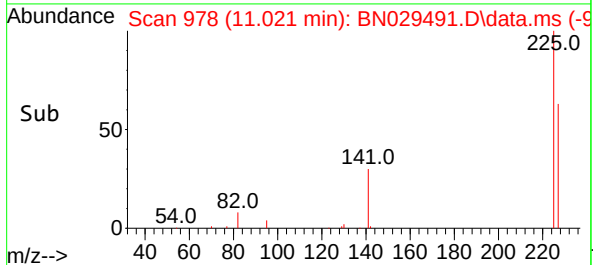
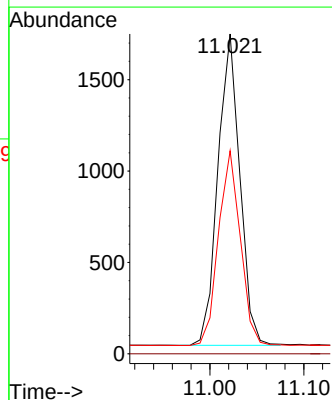
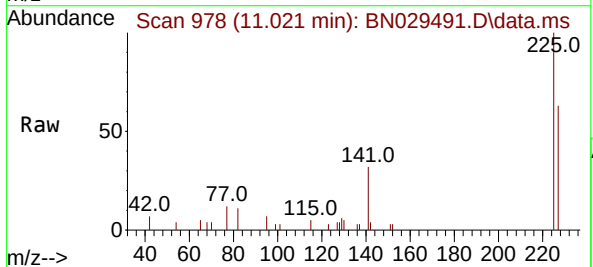
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

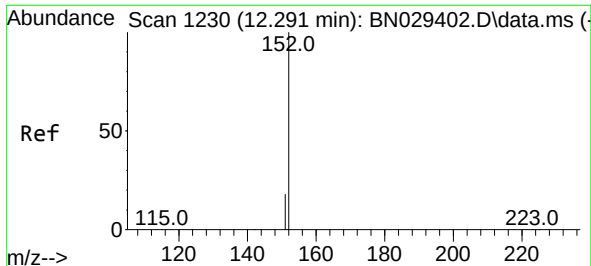
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Ion Ratio Lower Upper  
128 100  
129 11.6 9.5 14.3  
127 13.0 10.8 16.2



#10  
Hexachlorobutadiene  
Concen: 0.390 ng  
RT: 11.021 min Scan# 978  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

Tgt Ion:225 Resp: 2769  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 62.2 51.1 76.7

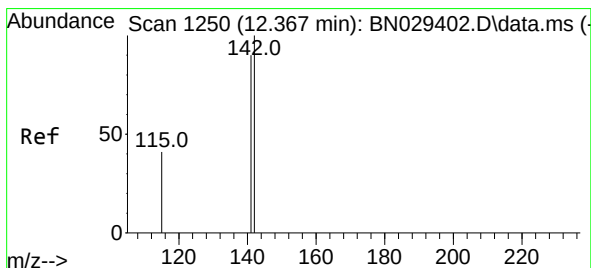
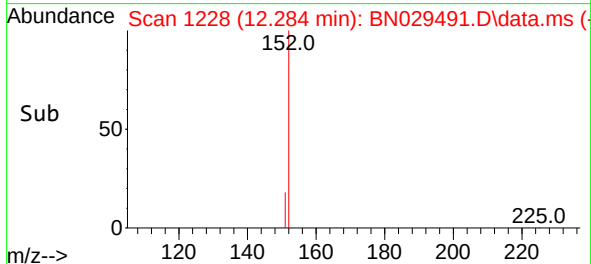
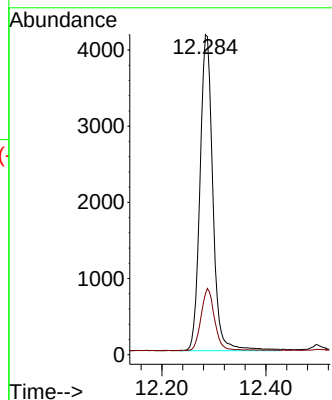
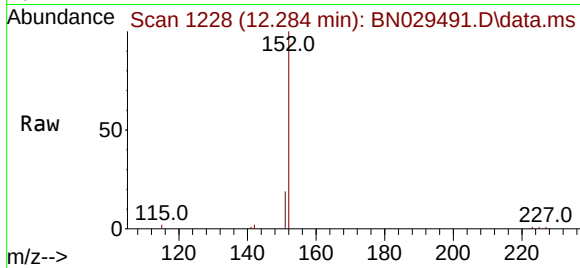




#11  
2-Methylnaphthalene-d10  
Concen: 0.398 ng  
RT: 12.284 min Scan# 1228  
Delta R.T. -0.004 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

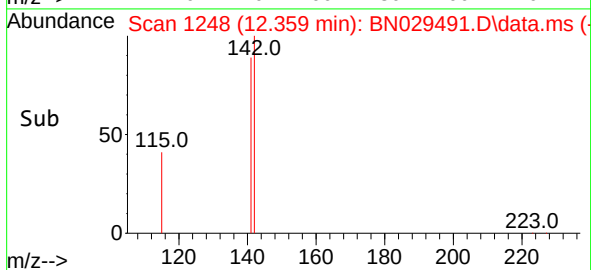
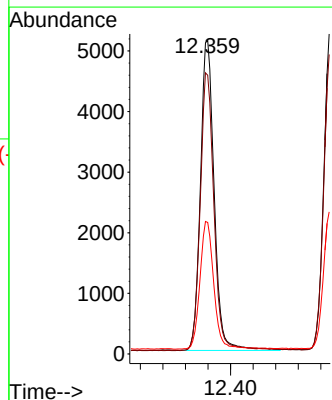
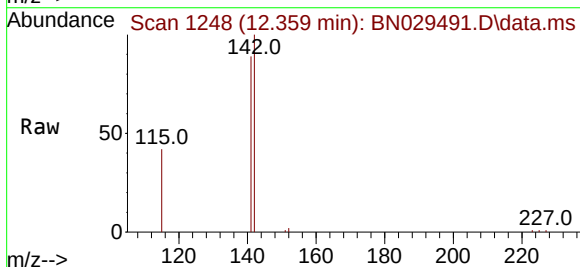
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7129  
Ion Ratio Lower Upper  
152 100  
151 20.3 17.1 25.7

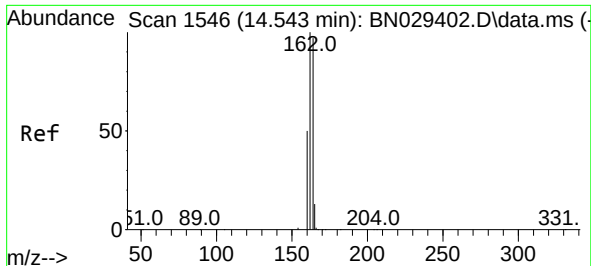


#12  
2-Methylnaphthalene  
Concen: 0.394 ng  
RT: 12.359 min Scan# 1248  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

Tgt Ion:142 Resp: 8674  
Ion Ratio Lower Upper  
142 100  
141 89.0 71.9 107.9  
115 42.0 33.9 50.9



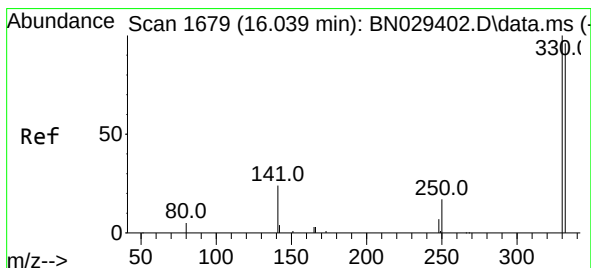
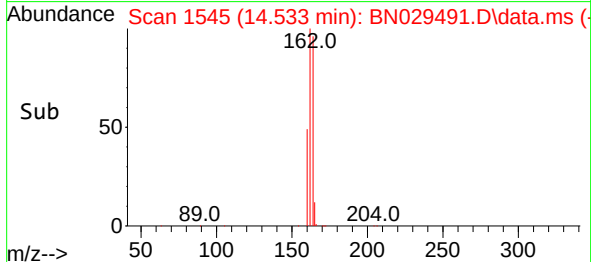
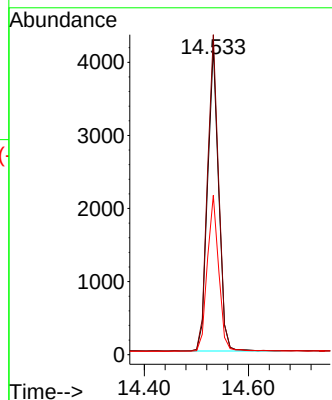
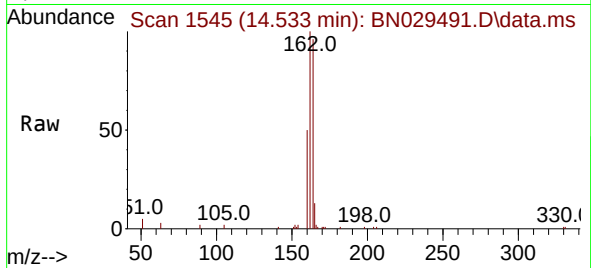




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.533 min Scan# 1545  
 Delta R.T. 0.000 min  
 Lab File: BN029491.D  
 Acq: 01 Feb 2024 18:18

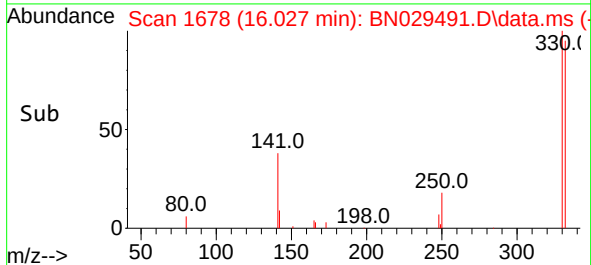
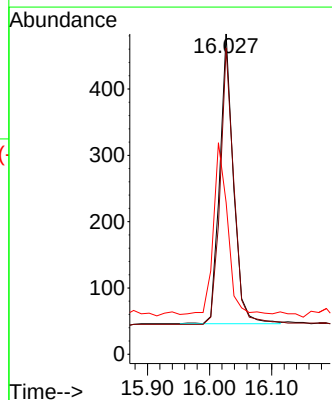
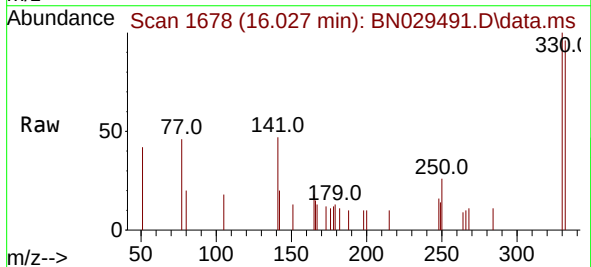
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

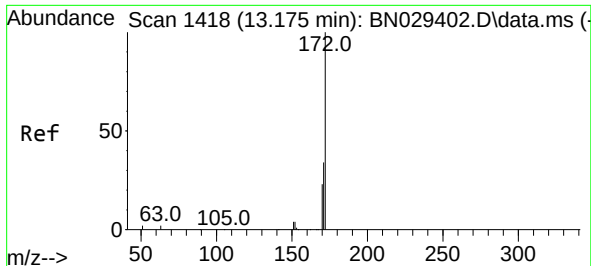
Tgt Ion:164 Resp: 6126  
 Ion Ratio Lower Upper  
 164 100  
 162 103.9 82.6 123.8  
 160 51.8 41.5 62.3



#14  
 2,4,6-Tribromophenol  
 Concen: 0.341 ng  
 RT: 16.027 min Scan# 1678  
 Delta R.T. 0.000 min  
 Lab File: BN029491.D  
 Acq: 01 Feb 2024 18:18

Tgt Ion:330 Resp: 670  
 Ion Ratio Lower Upper  
 330 100  
 332 95.5 76.0 114.0  
 141 59.7 43.4 65.2

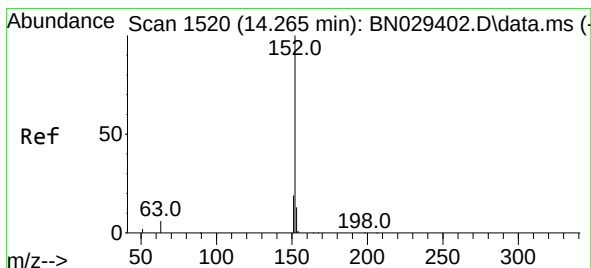
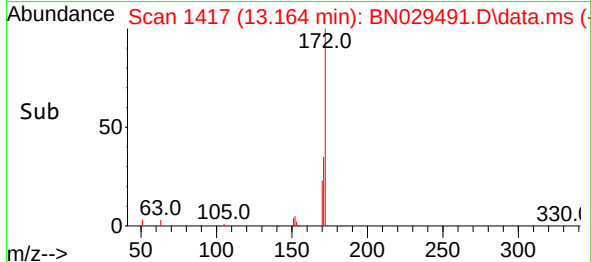
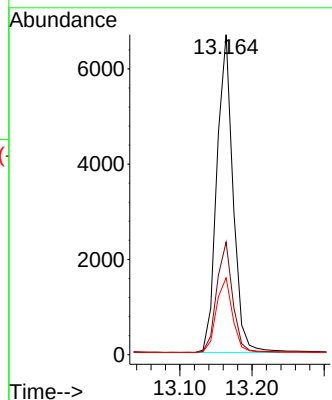
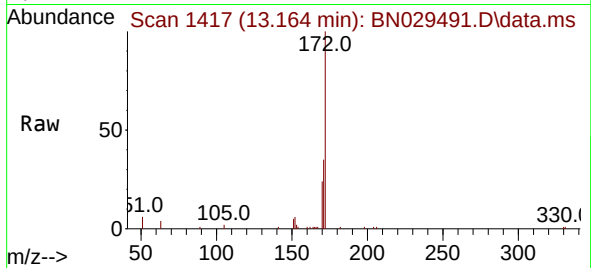




#15  
2-Fluorobiphenyl  
Concen: 0.394 ng  
RT: 13.164 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

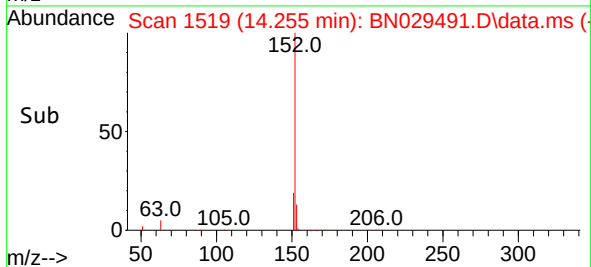
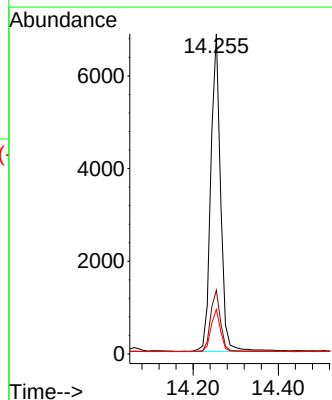
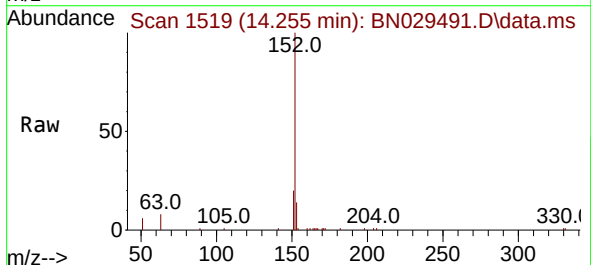
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

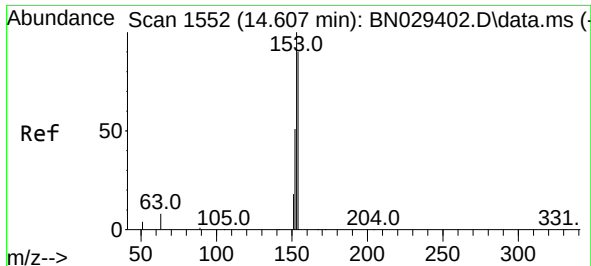
Tgt Ion:172 Resp: 10358  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.0 42.0  
170 24.0 18.7 28.1



#16  
Acenaphthylene  
Concen: 0.375 ng  
RT: 14.255 min Scan# 1519  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

Tgt Ion:152 Resp: 10910  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.9 23.9  
153 13.1 10.5 15.7

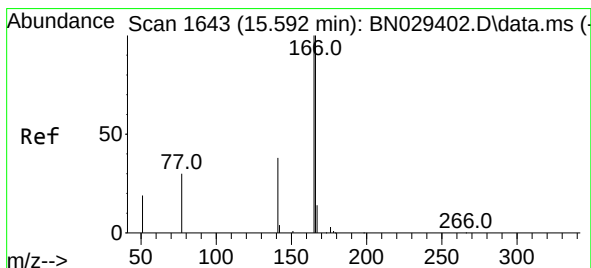
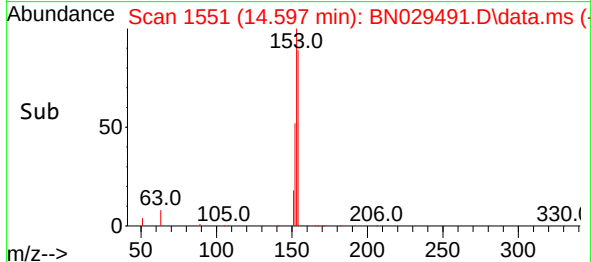
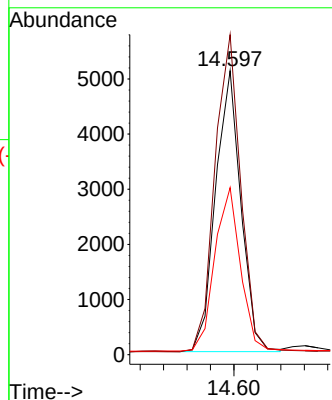
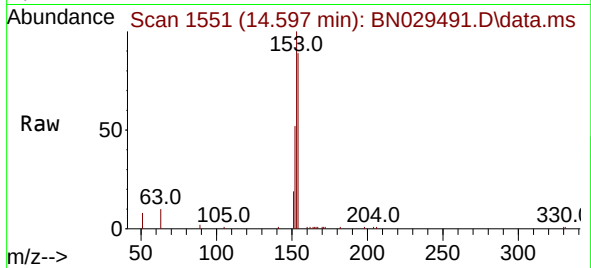




#17  
Acenaphthene  
Concen: 0.391 ng  
RT: 14.597 min Scan# 1551  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

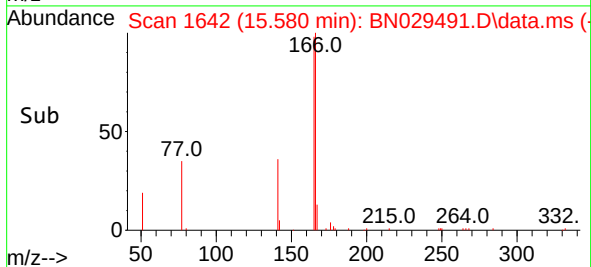
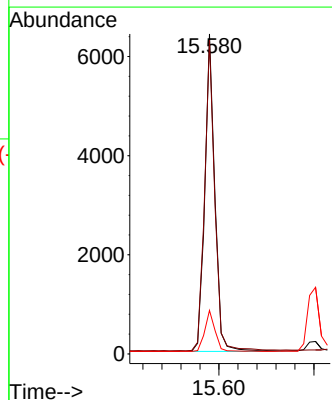
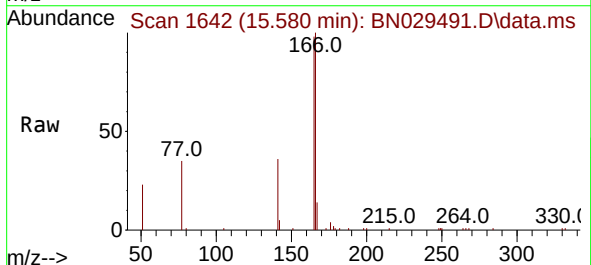
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

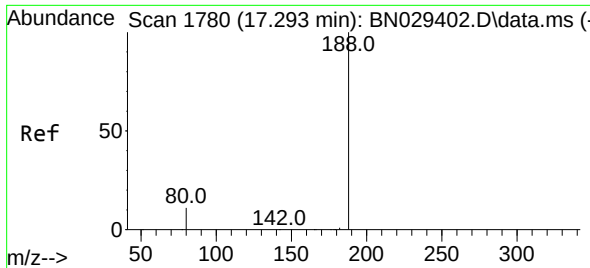
Tgt Ion:154 Resp: 7636  
Ion Ratio Lower Upper  
154 100  
153 115.7 93.6 140.4  
152 59.8 48.6 73.0



#18  
Fluorene  
Concen: 0.384 ng  
RT: 15.580 min Scan# 1642  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

Tgt Ion:166 Resp: 9412  
Ion Ratio Lower Upper  
166 100  
165 98.9 79.9 119.9  
167 13.3 11.3 16.9

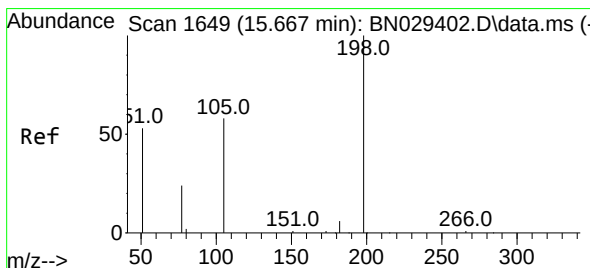
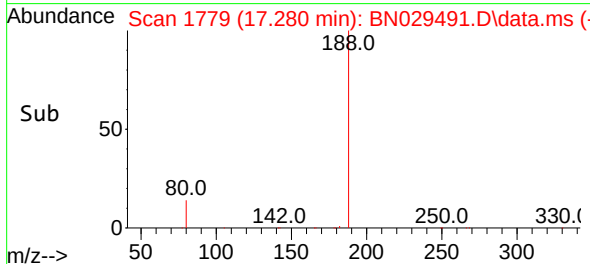
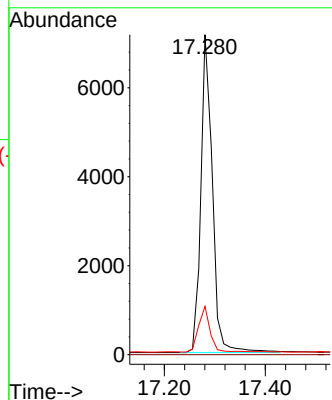
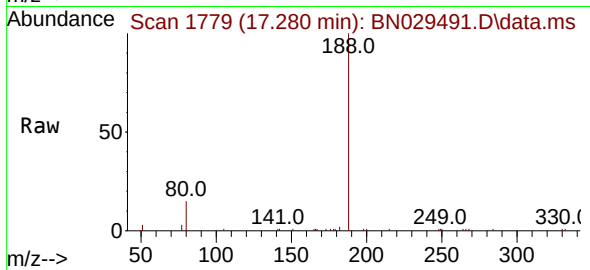




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.280 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

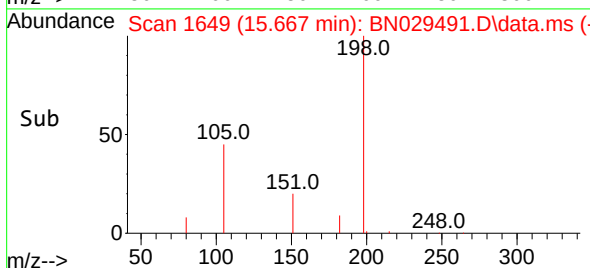
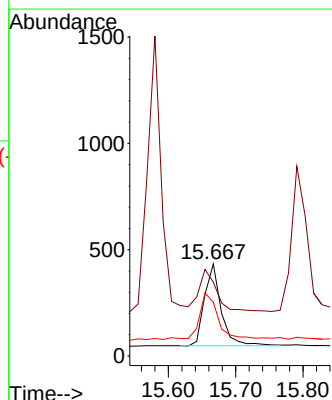
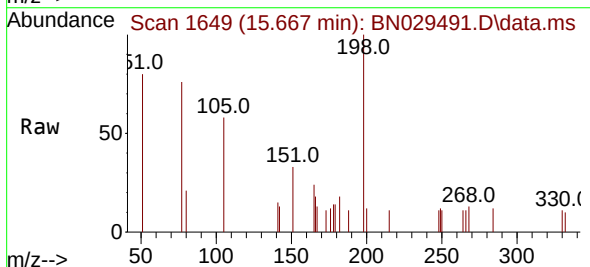
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

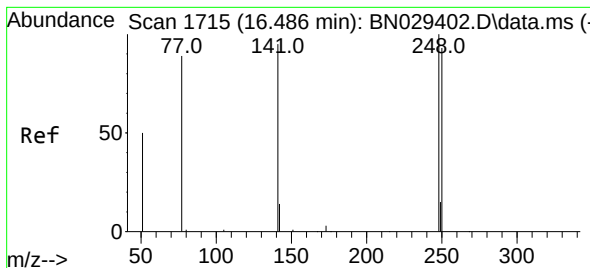
Tgt Ion:188 Resp: 11359  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.1 10.0 15.0#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.400 ng  
RT: 15.667 min Scan# 1649  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

Tgt Ion:198 Resp: 667  
Ion Ratio Lower Upper  
198 100  
51 80.1 111.0 166.6#  
105 58.2 67.0 100.6#

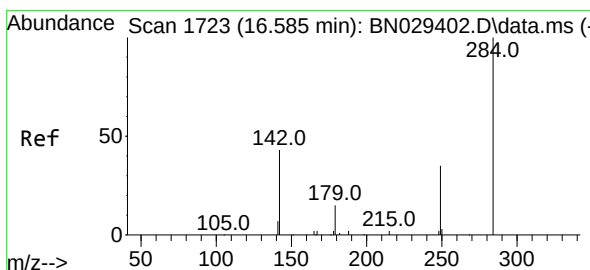
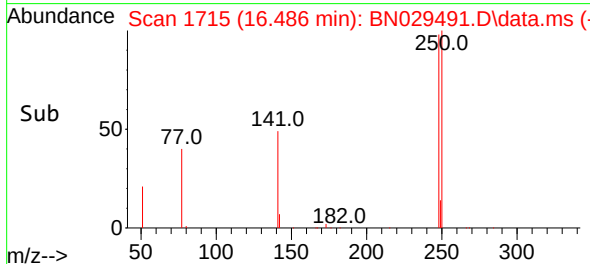
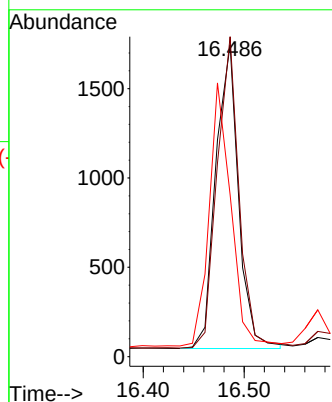
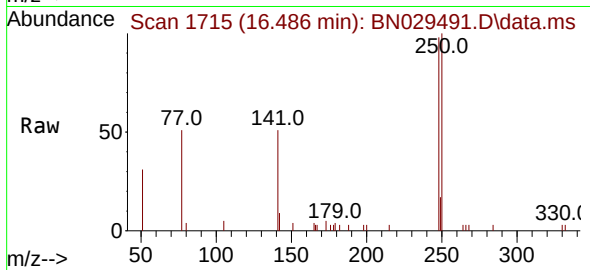




#21  
4-Bromophenyl-phenylether  
Concen: 0.395 ng  
RT: 16.486 min Scan# 1715  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

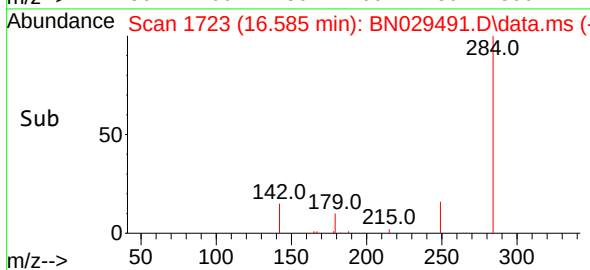
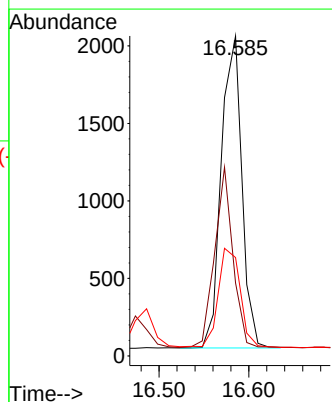
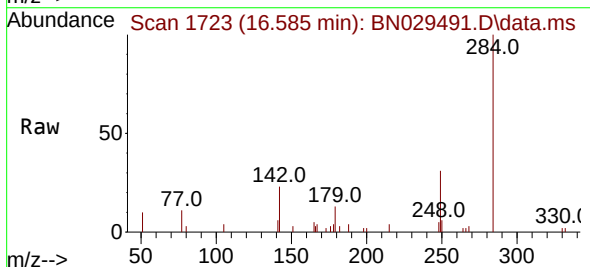
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

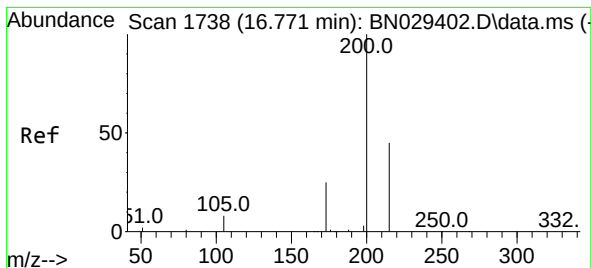
Tgt Ion:248 Resp: 2668  
Ion Ratio Lower Upper  
248 100  
250 102.5 75.0 112.4  
141 51.9 77.0 115.6#



#22  
Hexachlorobenzene  
Concen: 0.385 ng  
RT: 16.585 min Scan# 1723  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

Tgt Ion:284 Resp: 3196  
Ion Ratio Lower Upper  
284 100  
142 51.4 39.4 59.2  
249 34.2 26.9 40.3





#23

Atrazine

Concen: 0.370 ng

RT: 16.759 min Scan# 1737

Delta R.T. 0.000 min

Lab File: BN029491.D

Acq: 01 Feb 2024 18:18

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

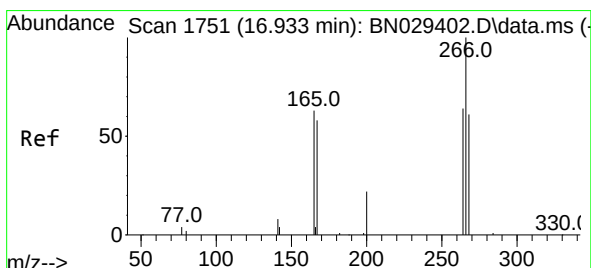
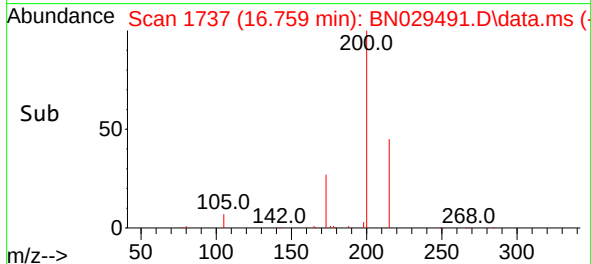
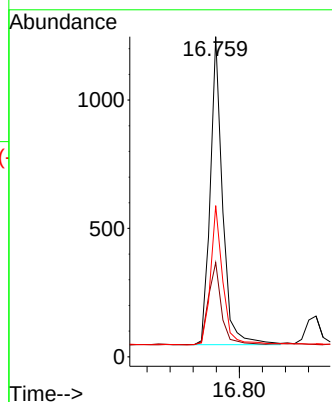
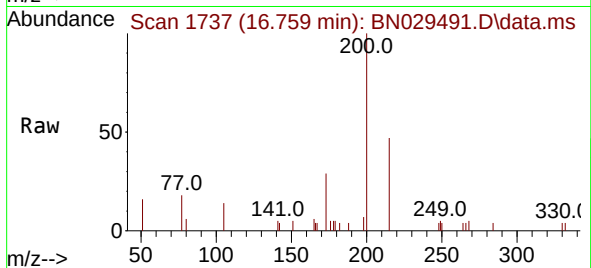
Tgt Ion:200 Resp: 1777

Ion Ratio Lower Upper

200 100

173 29.4 23.4 35.0

215 47.2 38.4 57.6



#24

Pentachlorophenol

Concen: 0.364 ng

RT: 16.933 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BN029491.D

Acq: 01 Feb 2024 18:18

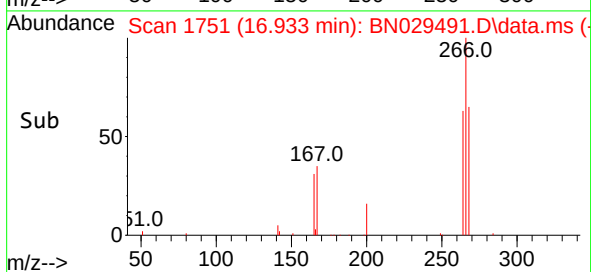
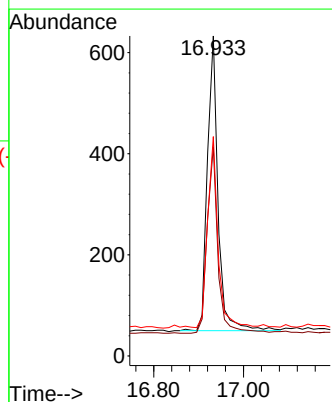
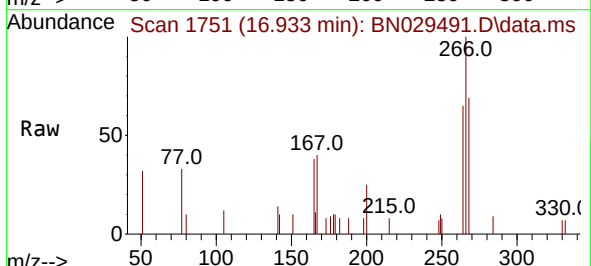
Tgt Ion:266 Resp: 957

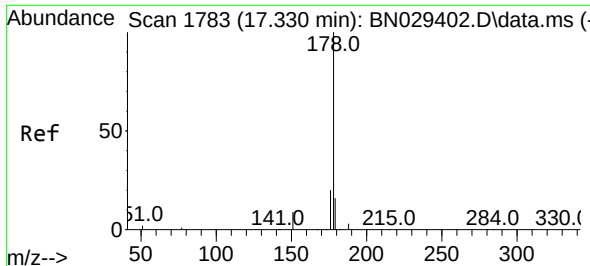
Ion Ratio Lower Upper

266 100

264 63.5 50.8 76.2

268 62.6 51.5 77.3

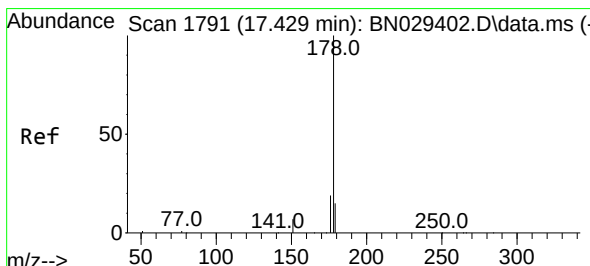
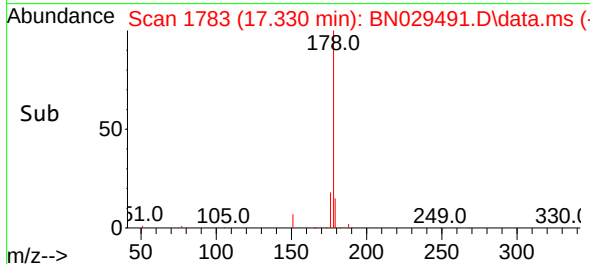
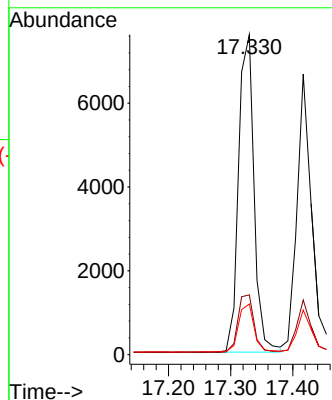
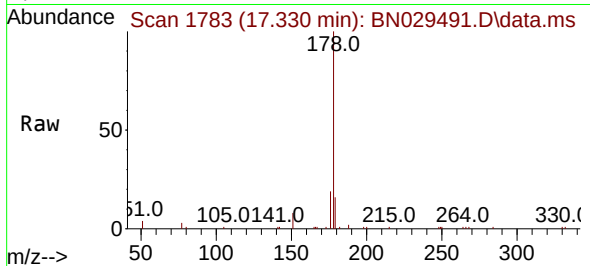




#25  
Phenanthrene  
Concen: 0.391 ng  
RT: 17.330 min Scan# 1783  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

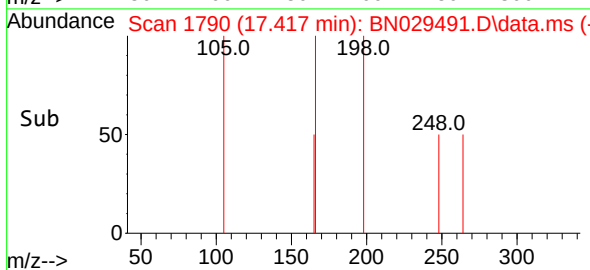
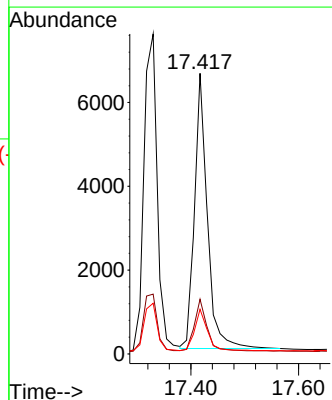
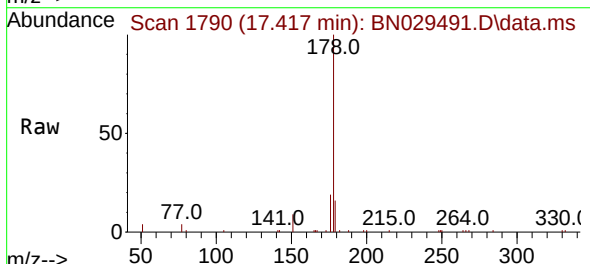
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

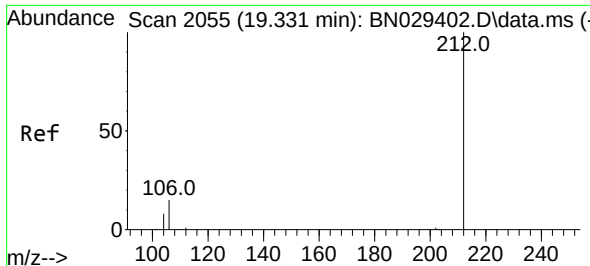
Tgt Ion:178 Resp: 13130  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.8 23.6  
179 15.7 12.6 19.0



#26  
Anthracene  
Concen: 0.381 ng  
RT: 17.417 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

Tgt Ion:178 Resp: 10900  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.0 22.4  
179 15.3 12.3 18.5

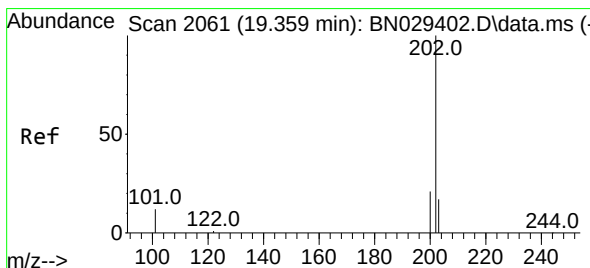
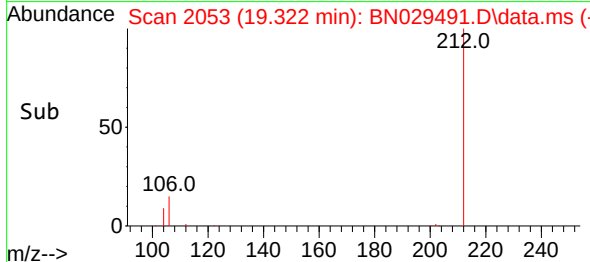
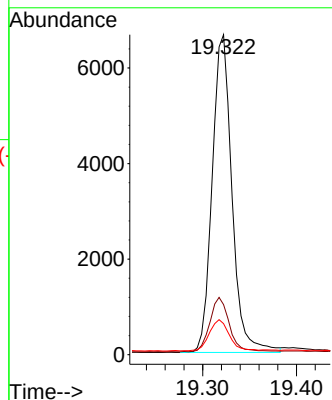
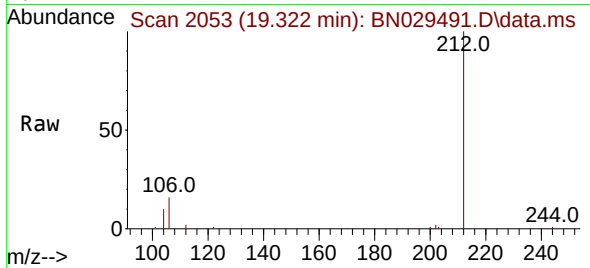




#27  
Fluoranthene-d10  
Concen: 0.354 ng  
RT: 19.322 min Scan# 2053  
Delta R.T. 0.000 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

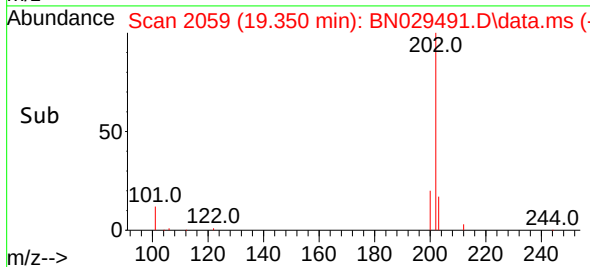
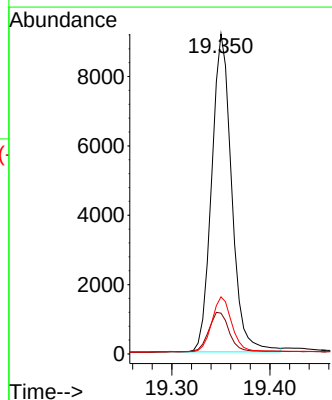
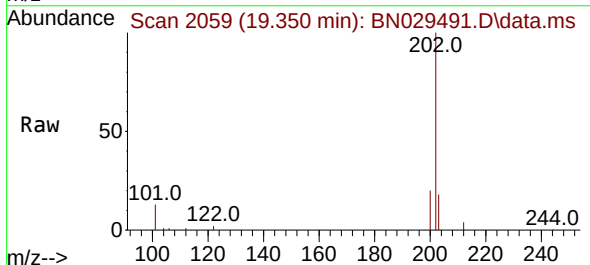
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:212 Resp: 9736  
Ion Ratio Lower Upper  
212 100  
106 16.9 13.2 19.8  
104 10.1 7.7 11.5

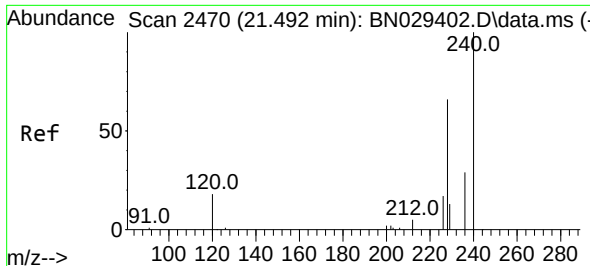


#28  
Fluoranthene  
Concen: 0.344 ng  
RT: 19.350 min Scan# 2059  
Delta R.T. -0.005 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

Tgt Ion:202 Resp: 12997  
Ion Ratio Lower Upper  
202 100  
101 13.0 10.5 15.7  
203 17.2 13.5 20.3







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.483 min Scan# 2469

Delta R.T. -0.009 min

Lab File: BN029491.D

Acq: 01 Feb 2024 18:18

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

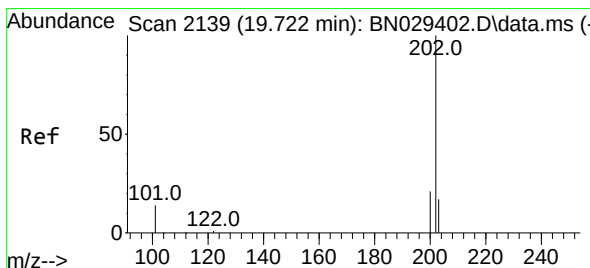
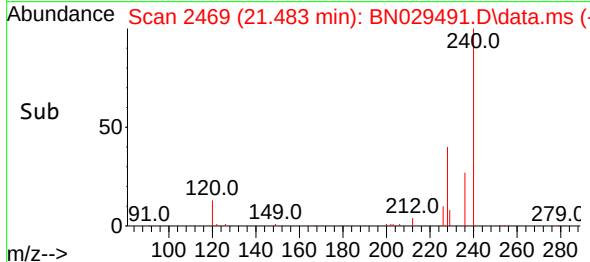
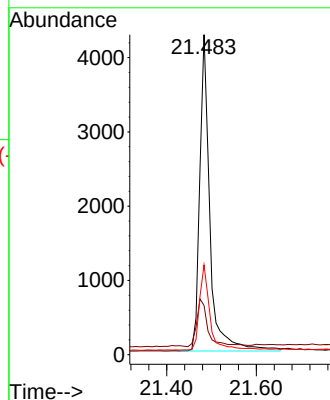
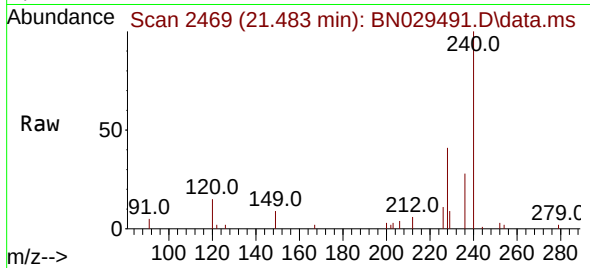
Tgt Ion:240 Resp: 6712

Ion Ratio Lower Upper

240 100

120 15.4 16.7 25.1#

236 28.1 23.9 35.9



#30

Pyrene

Concen: 0.432 ng

RT: 19.712 min Scan# 2137

Delta R.T. -0.005 min

Lab File: BN029491.D

Acq: 01 Feb 2024 18:18

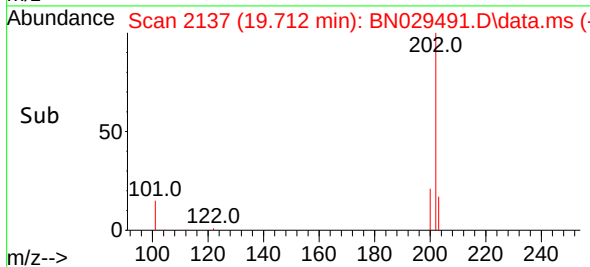
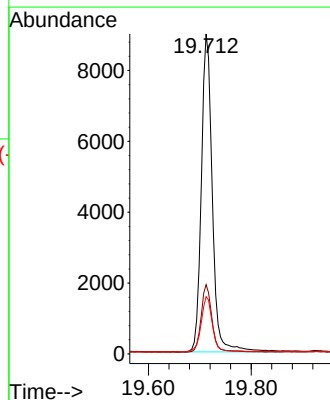
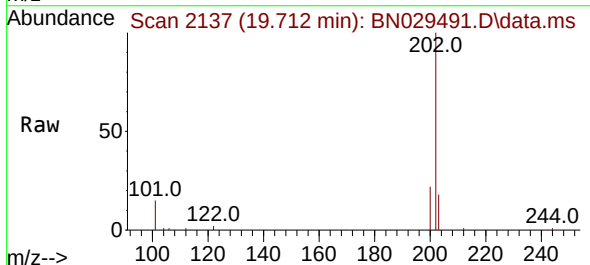
Tgt Ion:202 Resp: 13341

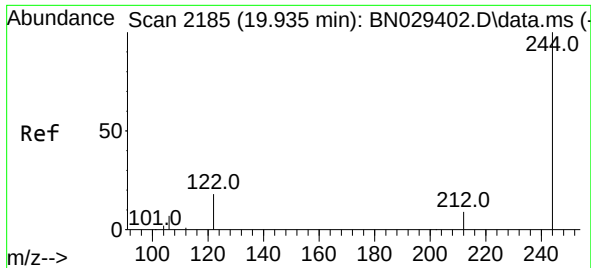
Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

203 17.9 14.2 21.4

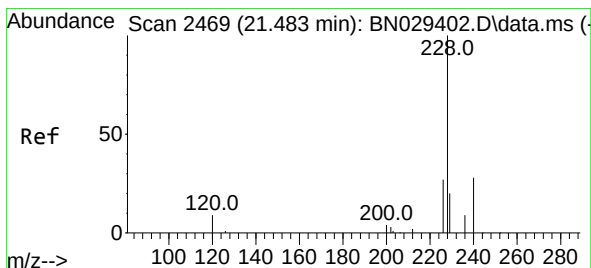
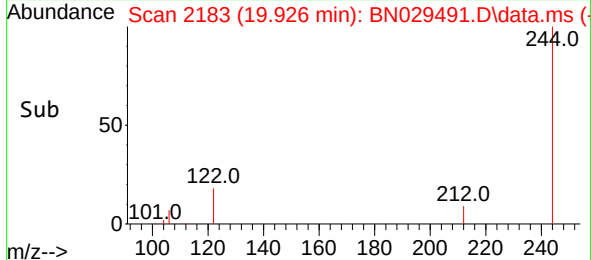
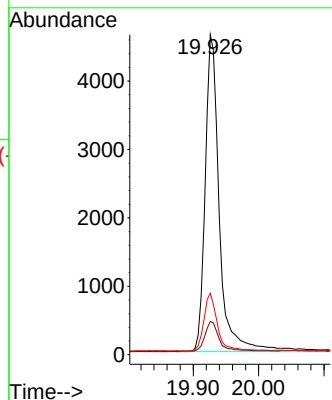
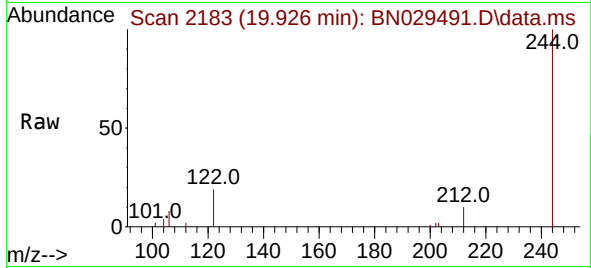




#31  
 Terphenyl-d14  
 Concen: 0.414 ng  
 RT: 19.926 min Scan# 2183  
 Delta R.T. -0.005 min  
 Lab File: BN029491.D  
 Acq: 01 Feb 2024 18:18

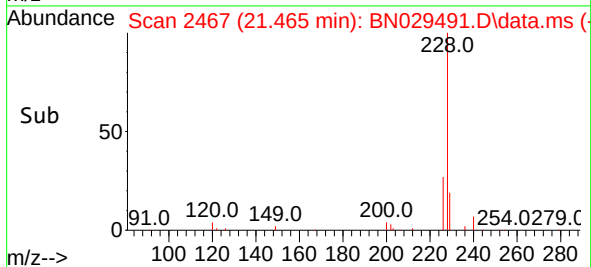
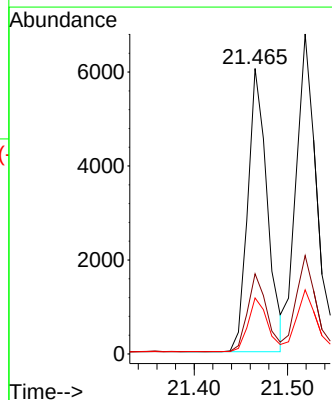
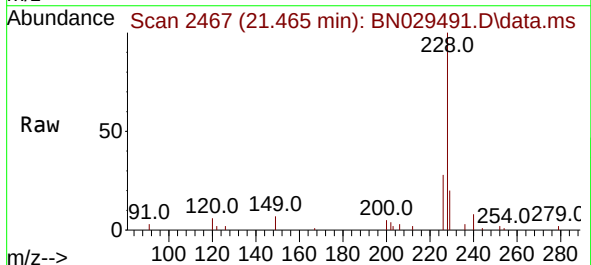
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

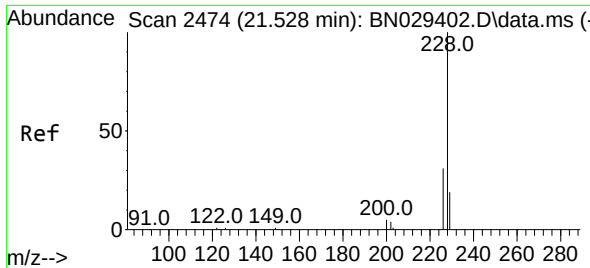
Tgt Ion:244 Resp: 6898  
 Ion Ratio Lower Upper  
 244 100  
 212 10.4 8.2 12.4  
 122 19.2 15.6 23.4



#32  
 Benzo(a)anthracene  
 Concen: 0.382 ng  
 RT: 21.465 min Scan# 2467  
 Delta R.T. -0.009 min  
 Lab File: BN029491.D  
 Acq: 01 Feb 2024 18:18

Tgt Ion:228 Resp: 8756  
 Ion Ratio Lower Upper  
 228 100  
 226 28.1 22.2 33.4  
 229 19.6 16.5 24.7





#33

Chrysene

Concen: 0.402 ng

RT: 21.519 min Scan# 2473

Delta R.T. -0.009 min

Lab File: BN029491.D

Acq: 01 Feb 2024 18:18

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

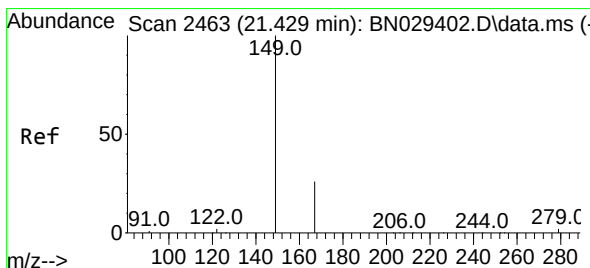
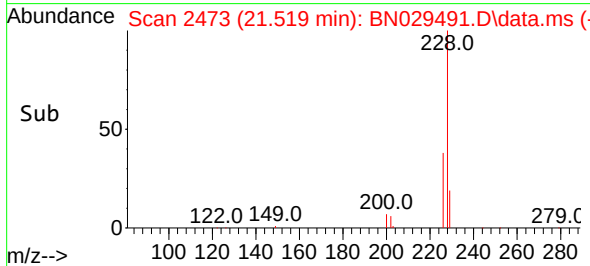
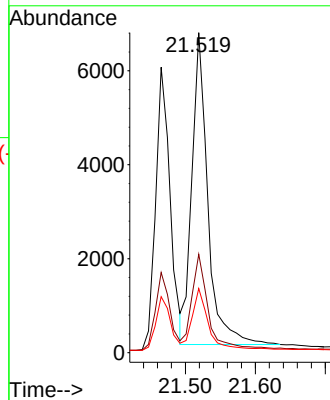
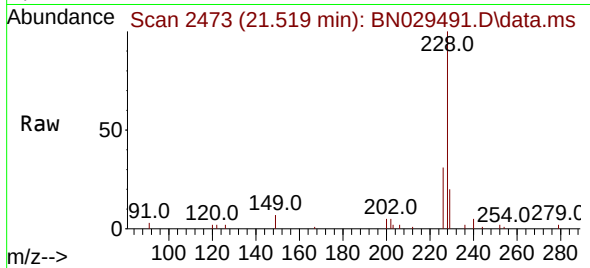
Tgt Ion:228 Resp: 10481

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

229 20.1 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.390 ng

RT: 21.412 min Scan# 2461

Delta R.T. -0.009 min

Lab File: BN029491.D

Acq: 01 Feb 2024 18:18

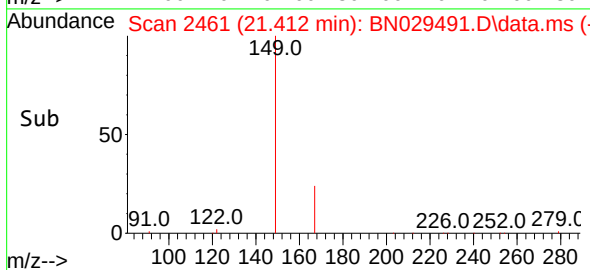
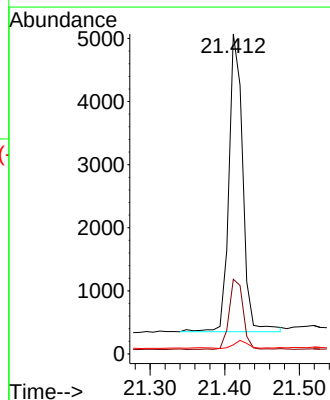
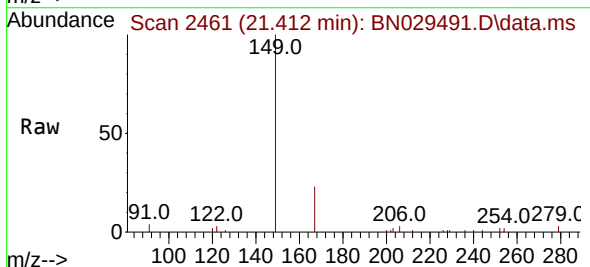
Tgt Ion:149 Resp: 6096

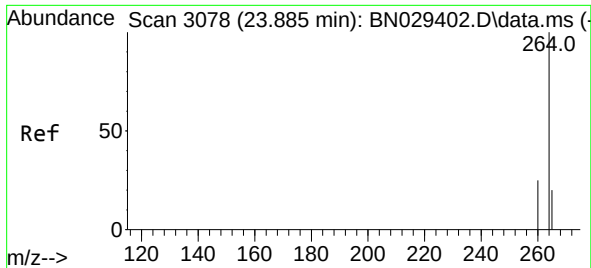
Ion Ratio Lower Upper

149 100

167 23.8 20.1 30.1

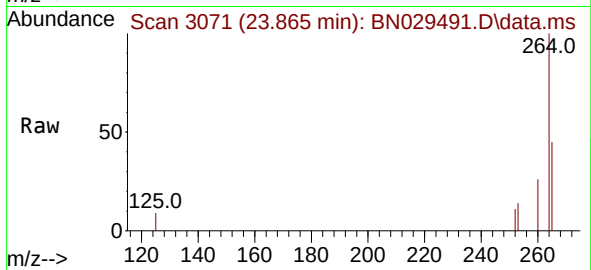
279 2.8 2.5 3.7



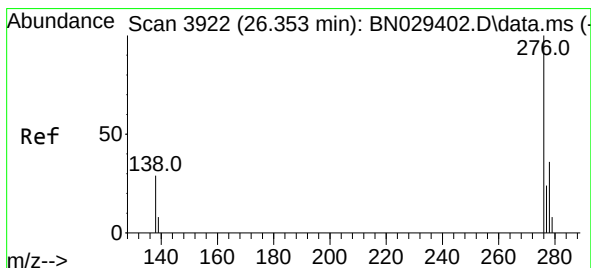
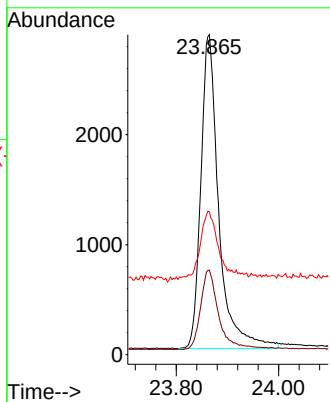
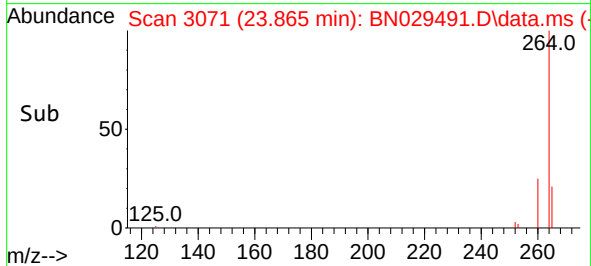


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.865 min Scan# 3078  
Delta R.T. -0.006 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

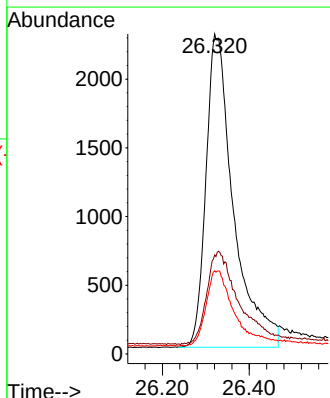
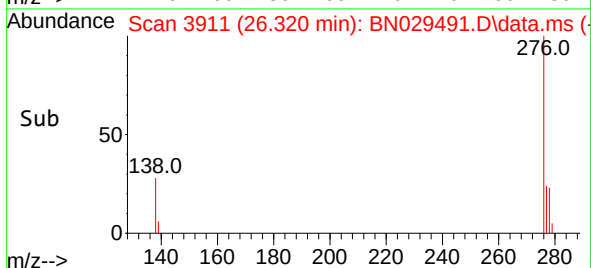
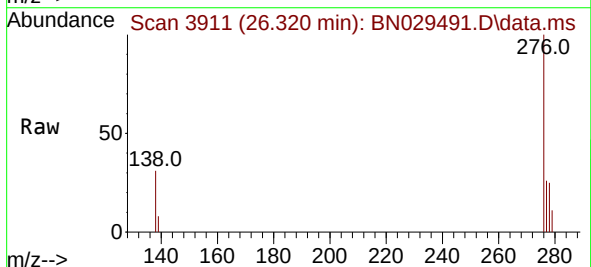


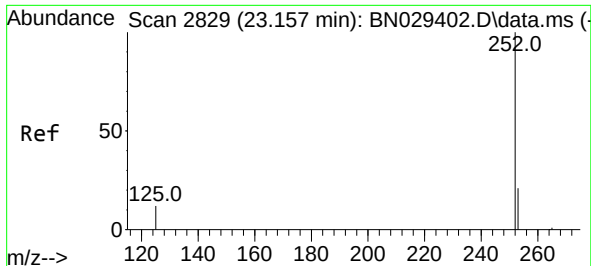
Tgt Ion:264 Resp: 6939  
Ion Ratio Lower Upper  
264 100  
260 26.5 21.2 31.8  
265 44.7 41.5 62.3



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.360 ng  
RT: 26.320 min Scan# 3911  
Delta R.T. -0.015 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

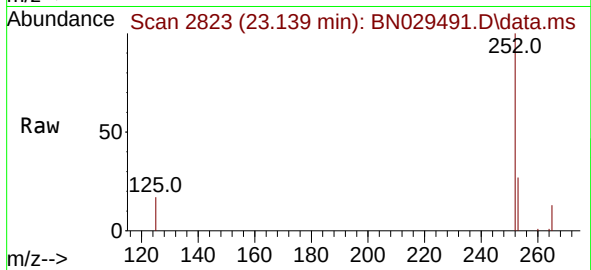
Tgt Ion:276 Resp: 10048  
Ion Ratio Lower Upper  
276 100  
138 35.1 20.5 30.7#  
277 8.9 17.0 25.4#



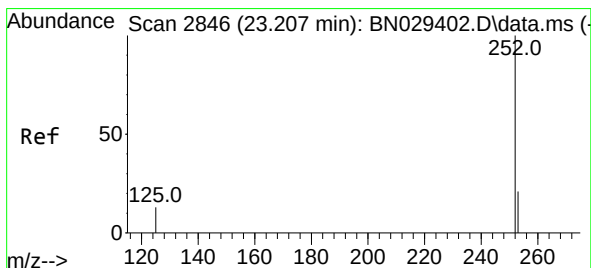
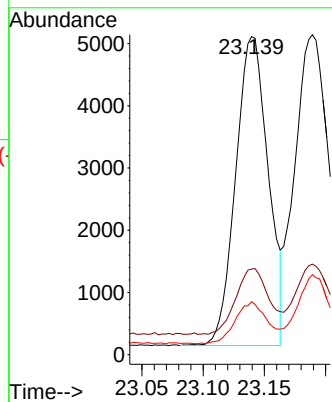
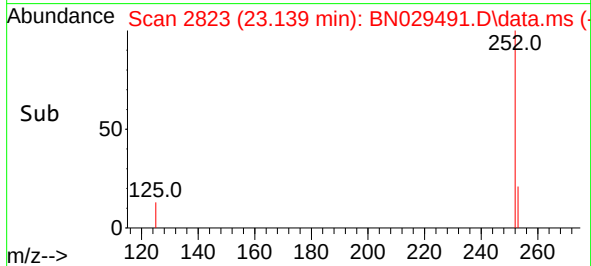


#37  
Benzo(b)fluoranthene  
Concen: 0.370 ng  
RT: 23.139 min Scan# 2823  
Delta R.T. -0.009 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

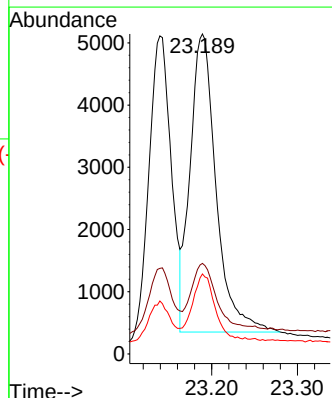
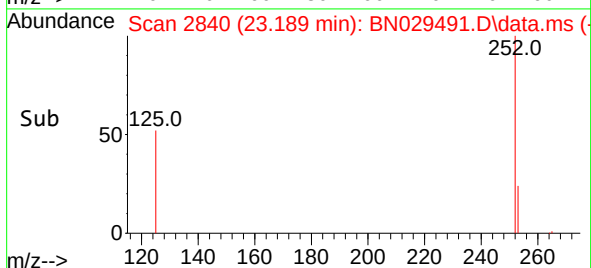
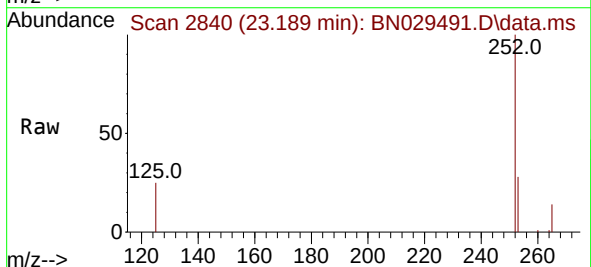


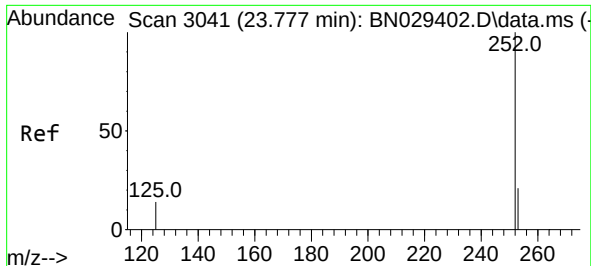
Tgt Ion:252 Resp: 9168  
Ion Ratio Lower Upper  
252 100  
253 26.9 21.7 32.5  
125 16.6 13.3 19.9



#38  
Benzo(k)fluoranthene  
Concen: 0.389 ng  
RT: 23.189 min Scan# 2840  
Delta R.T. -0.009 min  
Lab File: BN029491.D  
Acq: 01 Feb 2024 18:18

Tgt Ion:252 Resp: 10106  
Ion Ratio Lower Upper  
252 100  
253 28.3 21.8 32.8  
125 25.0 13.9 20.9#





#39

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.759 min Scan# 3041

Delta R.T. -0.006 min

Lab File: BN029491.D

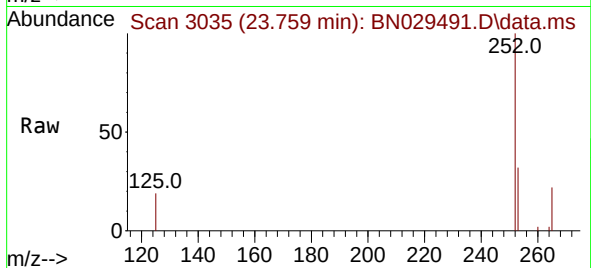
Acq: 01 Feb 2024 18:18

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



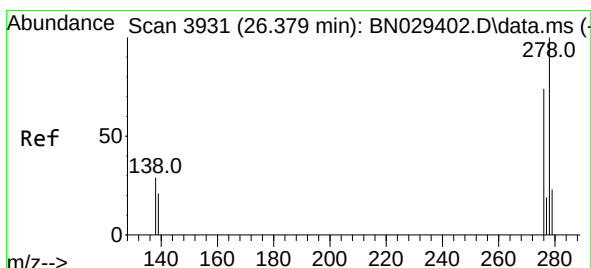
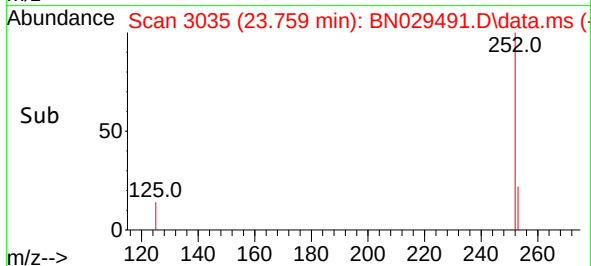
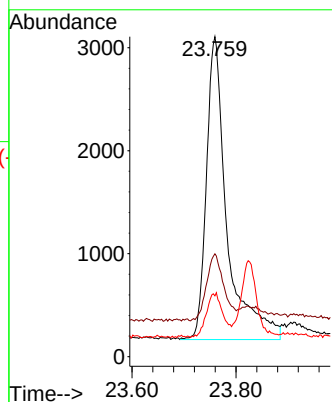
Tgt Ion:252 Resp: 8099

Ion Ratio Lower Upper

252 100

253 32.2 24.9 37.3

125 19.0 16.6 25.0



#40

Dibenzo(a,h)anthracene

Concen: 0.347 ng

RT: 26.358 min Scan# 3924

Delta R.T. -0.006 min

Lab File: BN029491.D

Acq: 01 Feb 2024 18:18

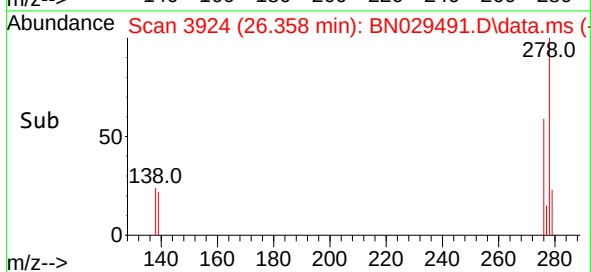
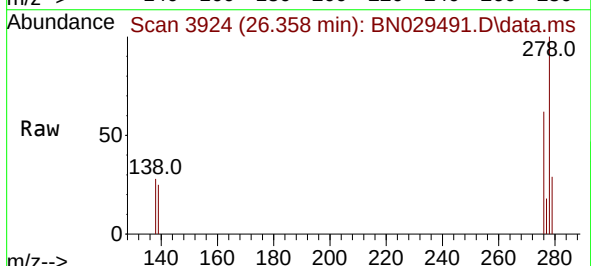
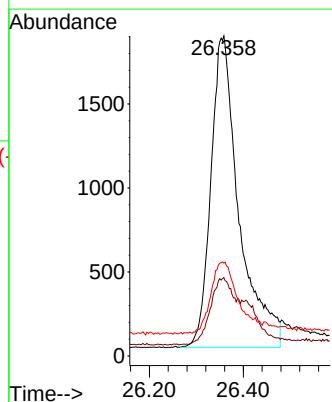
Tgt Ion:278 Resp: 7717

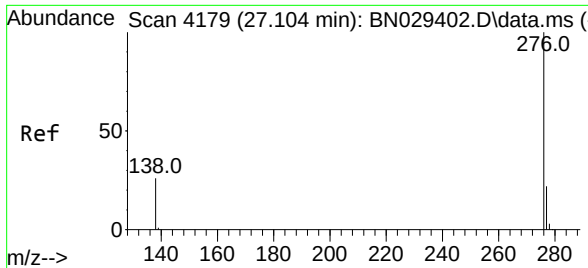
Ion Ratio Lower Upper

278 100

139 24.5 20.4 30.6

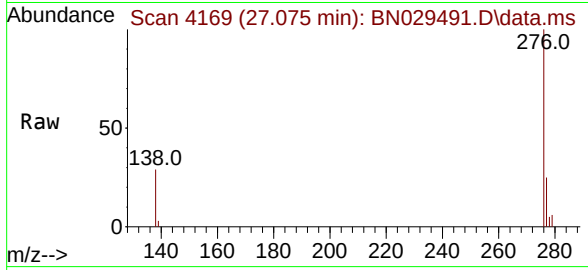
279 29.0 25.0 37.6





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.359 ng  
 RT: 27.075 min Scan# 41  
 Delta R.T. -0.009 min  
 Lab File: BN029491.D  
 Acq: 01 Feb 2024 18:18

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 9708  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.7  | 19.4  | 29.2  |
| 138      | 29.0  | 23.5  | 35.3  |

