

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021523\  
 Data File : BN024041.D  
 Acq On : 15 Feb 2023 02:03  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Feb 15 03:01:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN020723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 15 02:55:51 2023  
 Response via : Initial Calibration

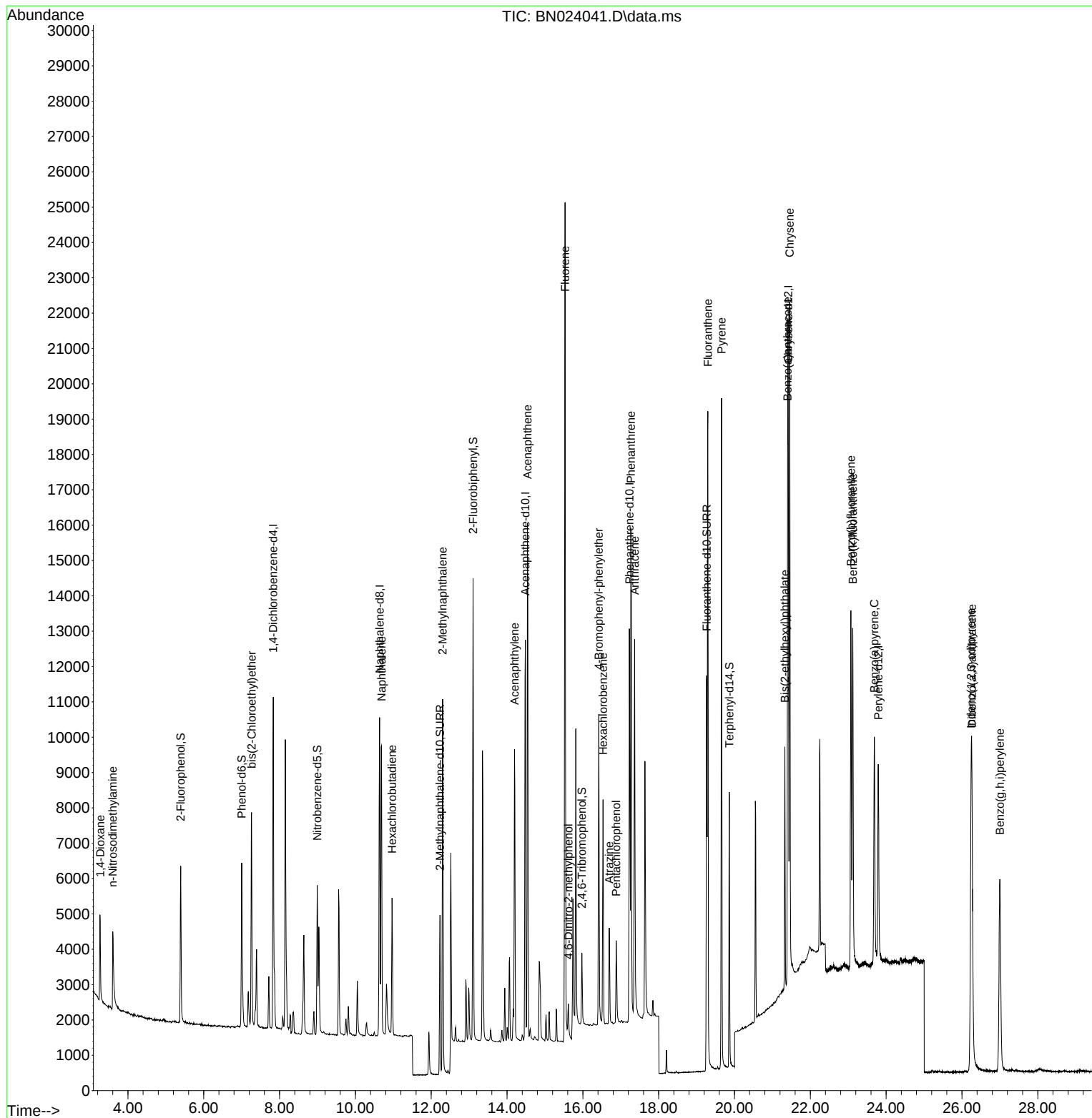
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 4389     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 11299    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.484 | 164  | 6694     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.228 | 188  | 14819    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.419 | 240  | 11061    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.790 | 264  | 8081     | 0.400 | ng    | #-0.03   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 3640     | 0.399 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.002  | 99   | 4367     | 0.406 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.993  | 82   | 3525     | 0.389 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.231 | 152  | 6129     | 0.390 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.975 | 330  | 1172     | 0.340 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 10798    | 0.408 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.266 | 212  | 13163    | 0.366 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.861 | 244  | 8668     | 0.420 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.268  | 88   | 1668     | 0.401 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.600  | 42   | 1720     | 0.369 | ng    | 97       |
| 6) bis(2-Chloroethyl)ether    | 7.262  | 93   | 4545     | 0.423 | ng    | 99       |
| 9) Naphthalene                | 10.690 | 128  | 11413    | 0.405 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.968 | 225  | 2962     | 0.401 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.303 | 142  | 7445     | 0.397 | ng    | 99       |
| 16) Acenaphthylene            | 14.196 | 152  | 9667     | 0.371 | ng    | 99       |
| 17) Acenaphthene              | 14.538 | 154  | 7124     | 0.402 | ng    | 98       |
| 18) Fluorene                  | 15.532 | 166  | 9552     | 0.397 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.618 | 198  | 724      | 0.402 | ng    | # 61     |
| 21) 4-Bromophenyl-phenylether | 16.421 | 248  | 3665     | 0.380 | ng    | # 88     |
| 22) Hexachlorobenzene         | 16.533 | 284  | 4587     | 0.396 | ng    | 98       |
| 23) Atrazine                  | 16.694 | 200  | 2224     | 0.353 | ng    | # 93     |
| 24) Pentachlorophenol         | 16.881 | 266  | 1270     | 0.394 | ng    | 97       |
| 25) Phenanthrene              | 17.265 | 178  | 15868    | 0.388 | ng    | 99       |
| 26) Anthracene                | 17.365 | 178  | 12196    | 0.363 | ng    | 100      |
| 28) Fluoranthene              | 19.296 | 202  | 17360    | 0.370 | ng    | 99       |
| 30) Pyrene                    | 19.658 | 202  | 17183    | 0.448 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.401 | 228  | 13168    | 0.372 | ng    | 98       |
| 33) Chrysene                  | 21.455 | 228  | 15430    | 0.404 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.330 | 149  | 5585     | 0.345 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.240 | 276  | 13729    | 0.374 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.071 | 252  | 13034    | 0.399 | ng    | # 94     |
| 38) Benzo(k)fluoranthene      | 23.118 | 252  | 12655    | 0.391 | ng    | # 95     |
| 39) Benzo(a)pyrene            | 23.688 | 252  | 9672     | 0.390 | ng    | # 94     |
| 40) Dibenzo(a,h)anthracene    | 26.264 | 278  | 10844    | 0.369 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 27.000 | 276  | 11965    | 0.384 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

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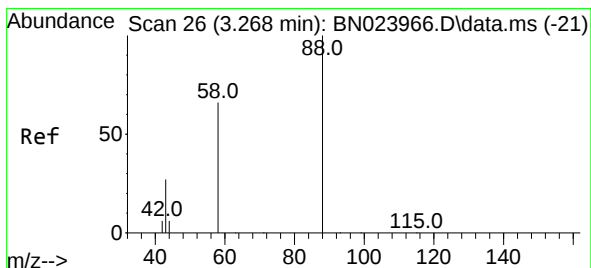
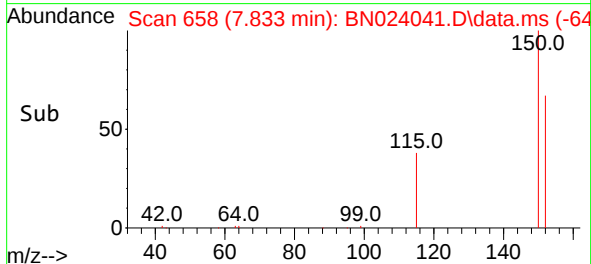
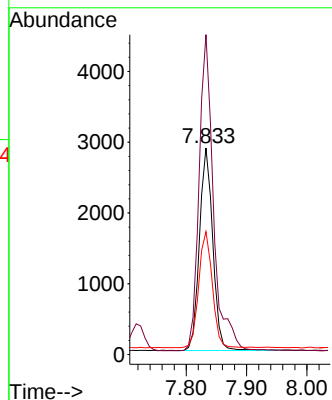
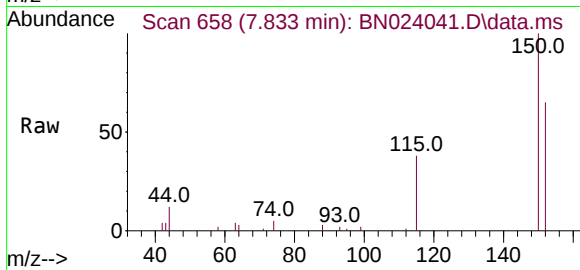




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.833 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN024041.D  
 Acq: 15 Feb 2023 02:03

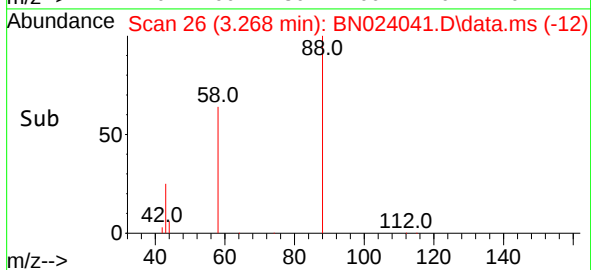
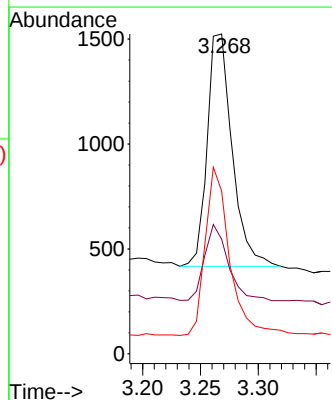
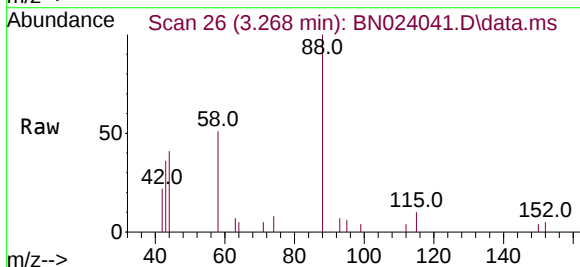
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

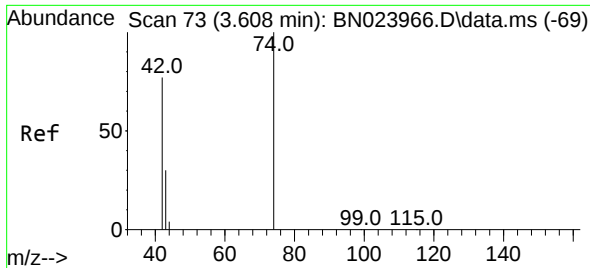
Tgt Ion:152 Resp: 4389  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 121.8 182.6  
 115 59.5 47.7 71.5



#2  
 1,4-Dioxane  
 Concen: 0.401 ng  
 RT: 3.268 min Scan# 26  
 Delta R.T. 0.000 min  
 Lab File: BN024041.D  
 Acq: 15 Feb 2023 02:03

Tgt Ion: 88 Resp: 1668  
 Ion Ratio Lower Upper  
 88 100  
 43 31.0 23.7 35.5  
 58 70.3 53.4 80.2



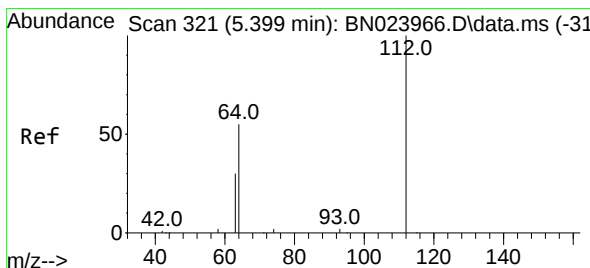
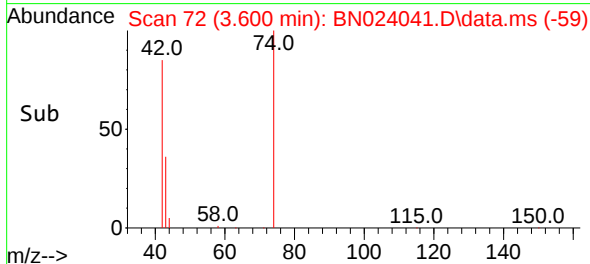
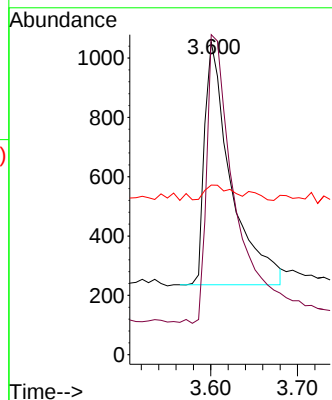
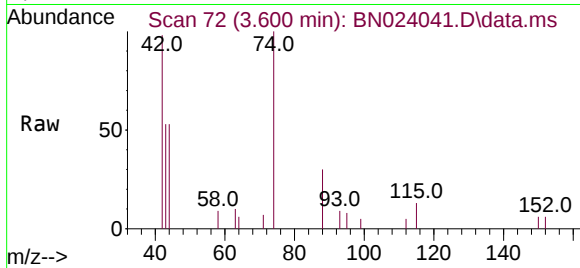


#3  
 n-Nitrosodimethylamine  
 Concen: 0.369 ng  
 RT: 3.600 min Scan# 71  
 Delta R.T. -0.007 min  
 Lab File: BN024041.D  
 Acq: 15 Feb 2023 02:03

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1720

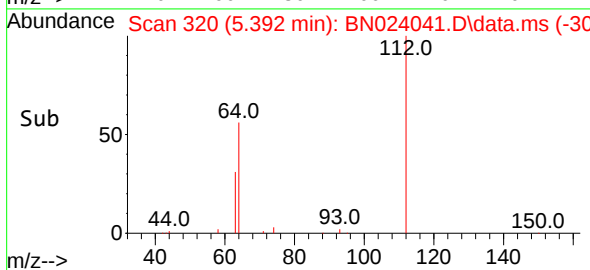
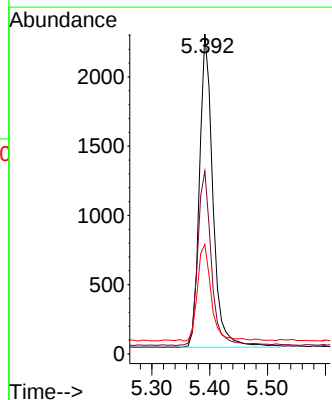
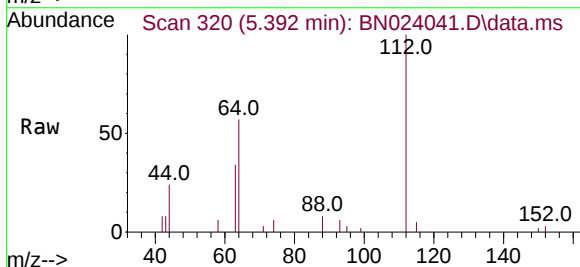
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 127.3 | 99.3  | 148.9 |
| 44  | 5.9   | 4.2   | 6.4   |

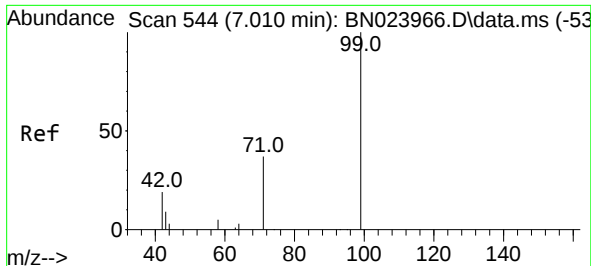


#4  
 2-Fluorophenol  
 Concen: 0.399 ng  
 RT: 5.392 min Scan# 320  
 Delta R.T. -0.007 min  
 Lab File: BN024041.D  
 Acq: 15 Feb 2023 02:03

Tgt Ion: 112 Resp: 3640

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 56.5  | 44.8  | 67.2  |
| 63  | 31.8  | 25.1  | 37.7  |

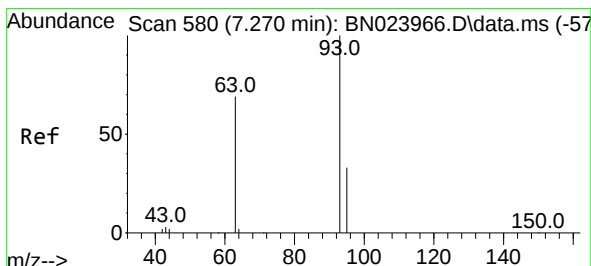
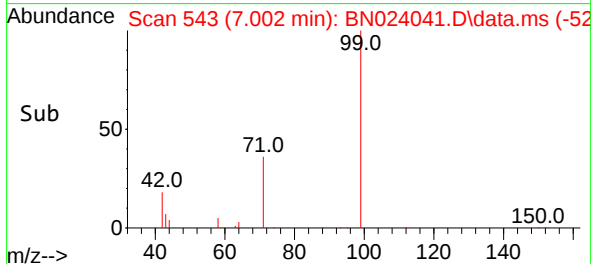
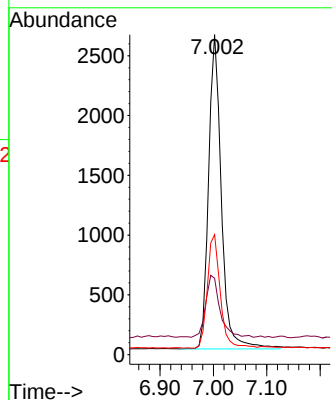
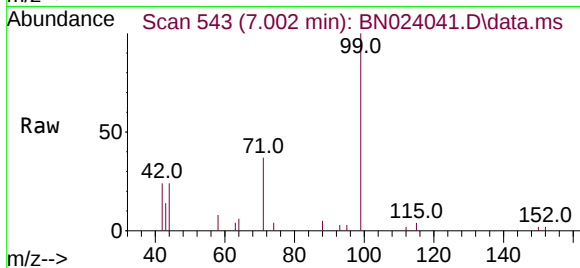




#5  
Phenol-d6  
Concen: 0.406 ng  
RT: 7.002 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

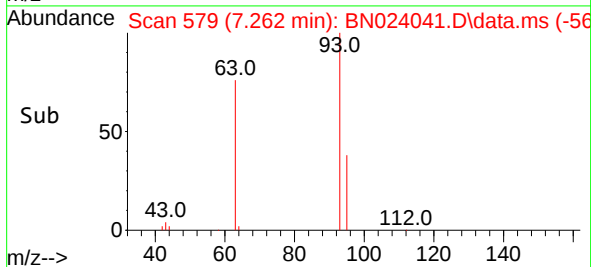
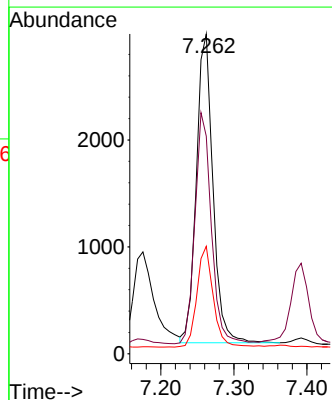
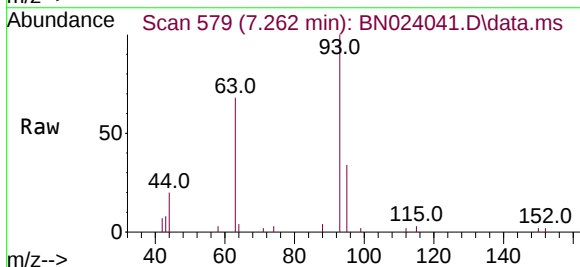
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

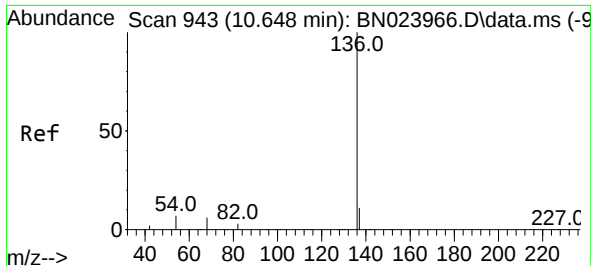
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 4367  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 21.7  | 17.0  | 25.6  |
| 71       | 36.3  | 29.0  | 43.4  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.423 ng  
RT: 7.262 min Scan# 579  
Delta R.T. 0.000 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 4545  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 74.3  | 58.4  | 87.6  |
| 95       | 32.1  | 25.8  | 38.6  |

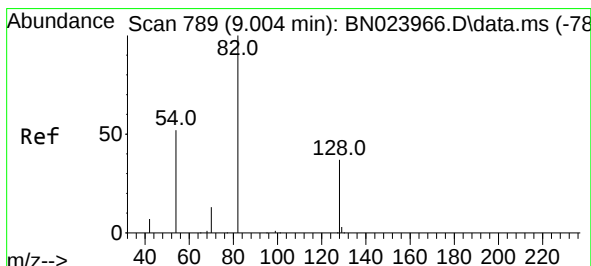
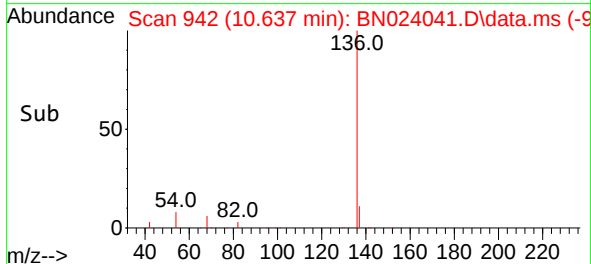
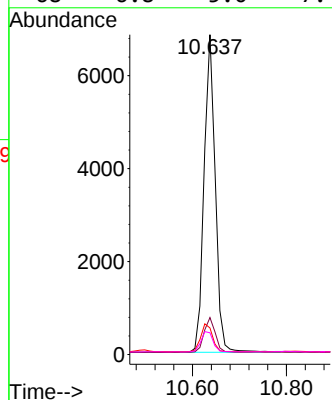
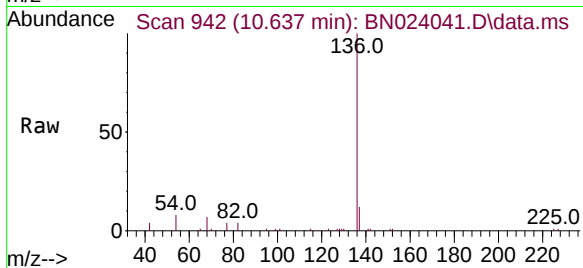




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

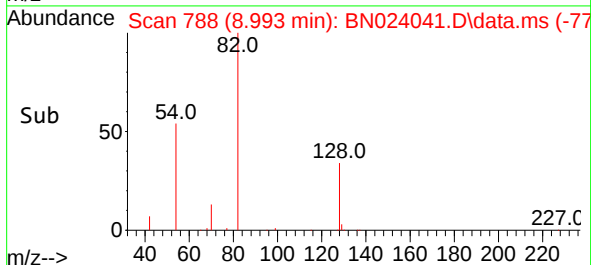
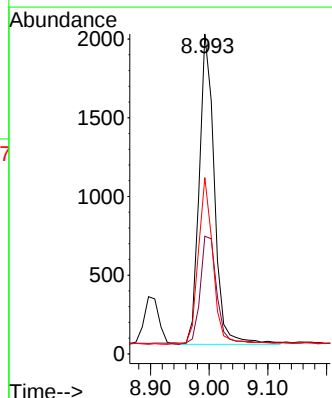
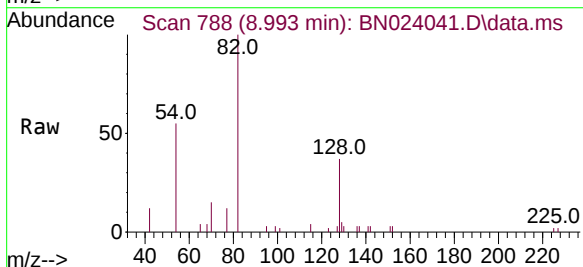
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SSTDCCC0.4EC

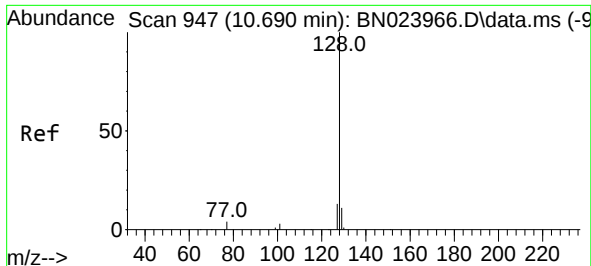
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 11299 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.5  | 9.1   | 13.7  |
| 54        | 8.3   | 5.8   | 8.8   |
| 68        | 6.8   | 5.0   | 7.4   |



#8  
Nitrobenzene-d5  
Concen: 0.389 ng  
RT: 8.993 min Scan# 788  
Delta R.T. -0.011 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3525 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 36.8  | 31.5  | 47.3 |
| 54        | 55.1  | 42.8  | 64.2 |

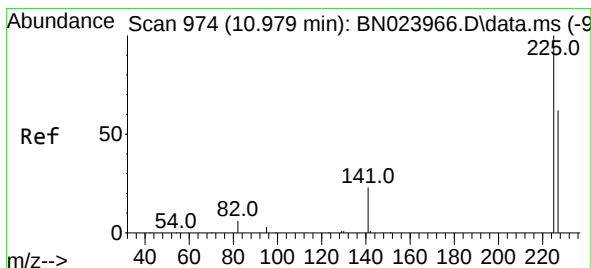
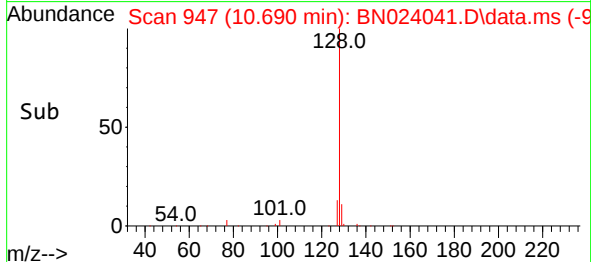
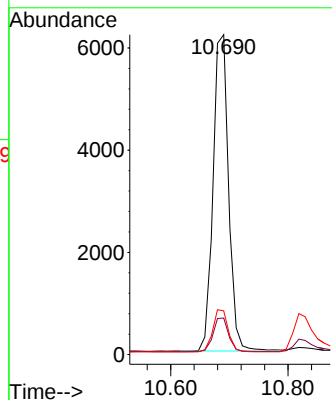
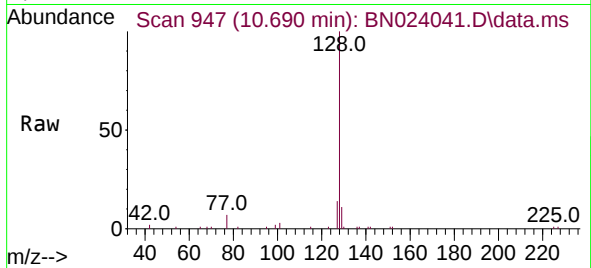




#9  
Naphthalene  
Concen: 0.405 ng  
RT: 10.690 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

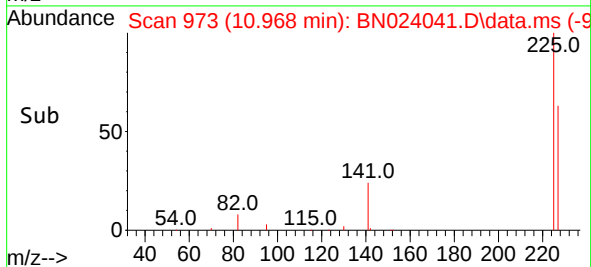
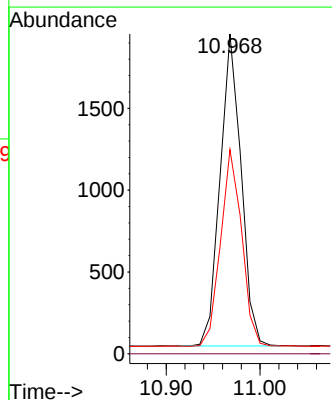
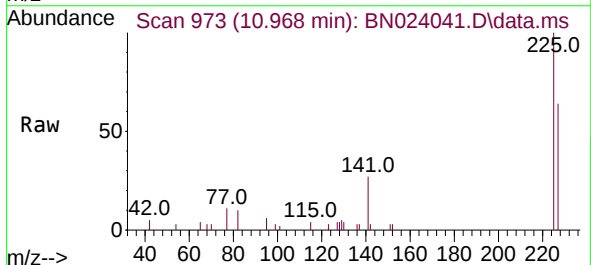
Instrument :  
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SSTDCCC0.4EC

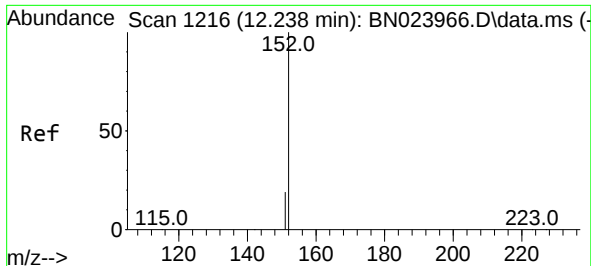
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 11413 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.4  | 9.3   | 13.9  |
| 127      | 13.7  | 11.0  | 16.4  |



#10  
Hexachlorobutadiene  
Concen: 0.401 ng  
RT: 10.968 min Scan# 973  
Delta R.T. 0.000 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 2962  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.5  | 51.1  | 76.7  |

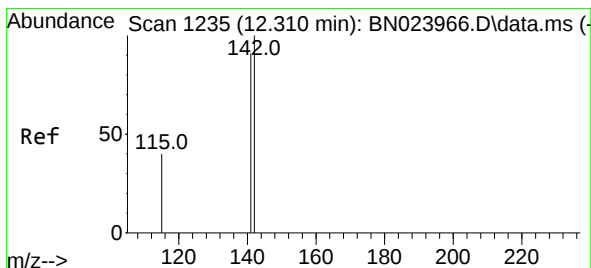
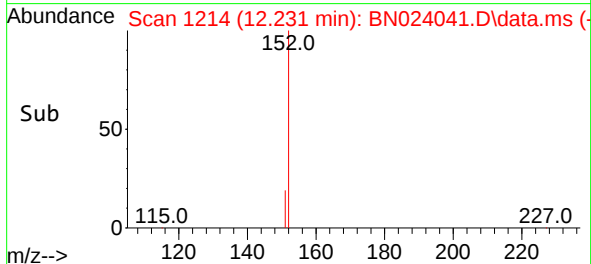
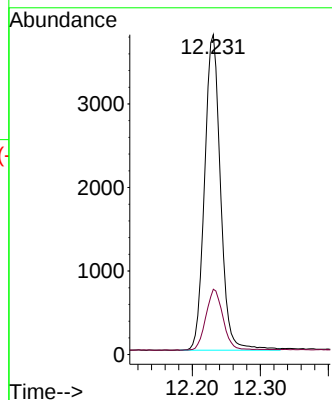
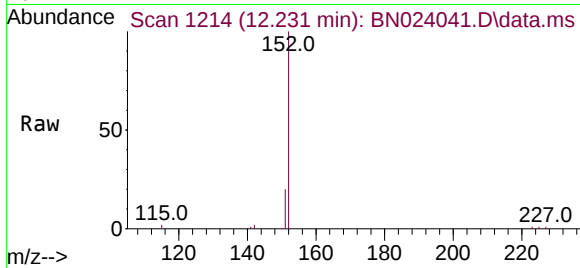




#11  
2-Methylnaphthalene-d10  
Concen: 0.390 ng  
RT: 12.231 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

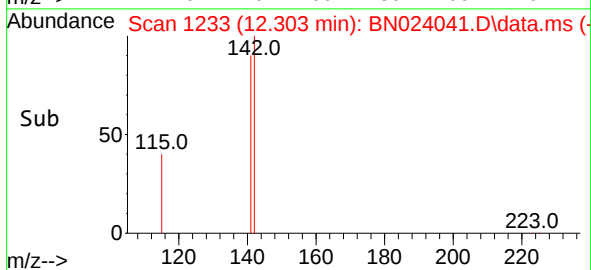
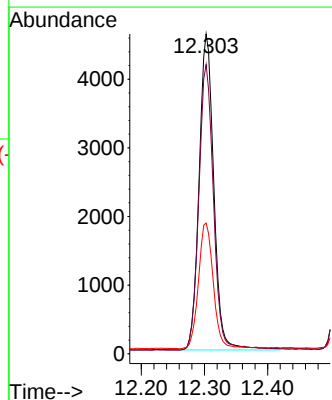
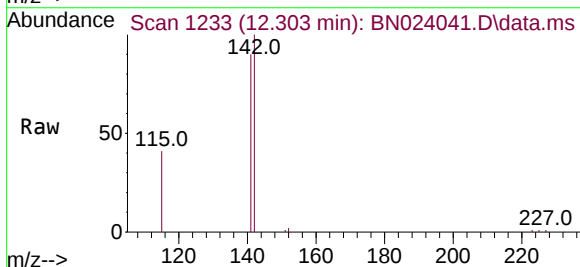
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

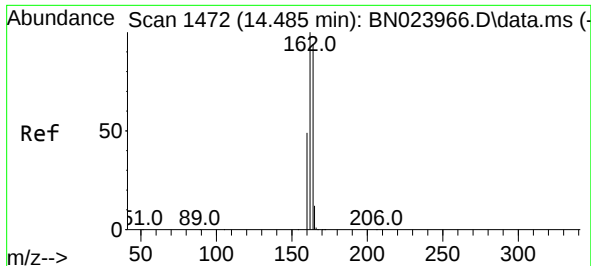
Tgt Ion:152 Resp: 6129  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.6 24.8



#12  
2-Methylnaphthalene  
Concen: 0.397 ng  
RT: 12.303 min Scan# 1233  
Delta R.T. -0.004 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

Tgt Ion:142 Resp: 7445  
Ion Ratio Lower Upper  
142 100  
141 90.4 72.9 109.3  
115 40.9 33.1 49.7

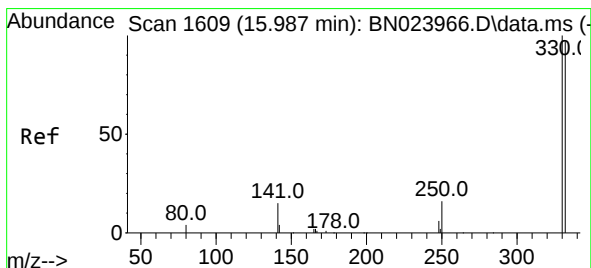
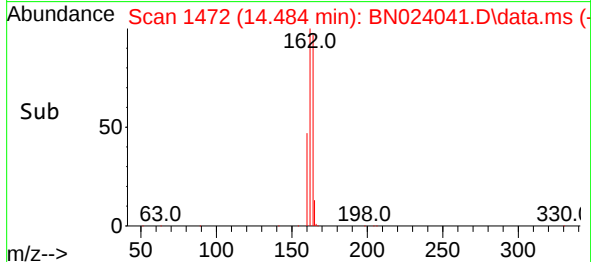
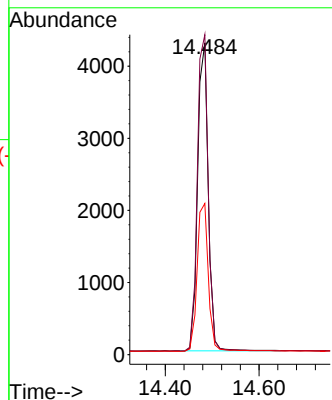
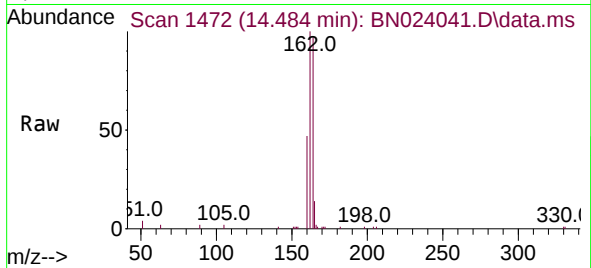




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.484 min Scan# 1472  
 Delta R.T. 0.000 min  
 Lab File: BN024041.D  
 Acq: 15 Feb 2023 02:03

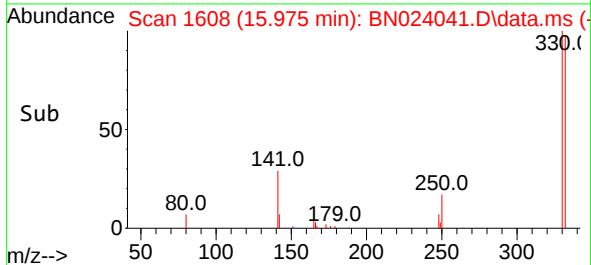
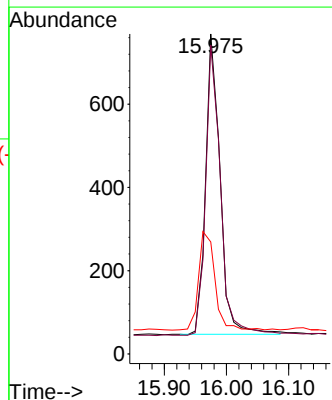
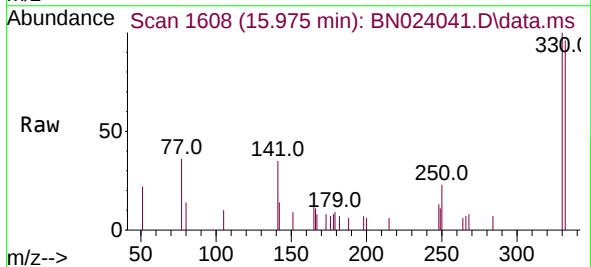
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDC00.4EC

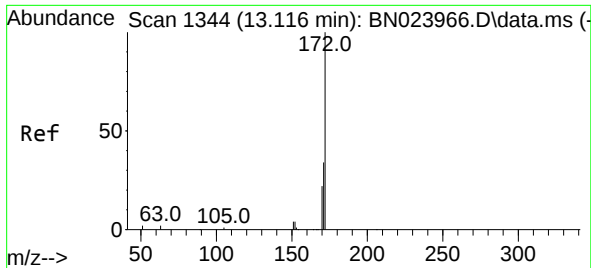
Tgt Ion:164 Resp: 6694  
 Ion Ratio Lower Upper  
 164 100  
 162 102.7 84.8 127.2  
 160 48.5 42.0 63.0



#14  
 2,4,6-Tribromophenol  
 Concen: 0.340 ng  
 RT: 15.975 min Scan# 1608  
 Delta R.T. -0.012 min  
 Lab File: BN024041.D  
 Acq: 15 Feb 2023 02:03

Tgt Ion:330 Resp: 1172  
 Ion Ratio Lower Upper  
 330 100  
 332 98.7 77.7 116.5  
 141 37.1 26.6 39.8

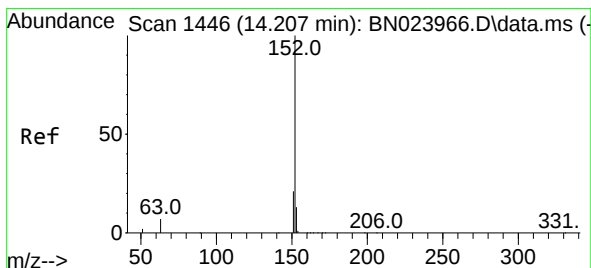
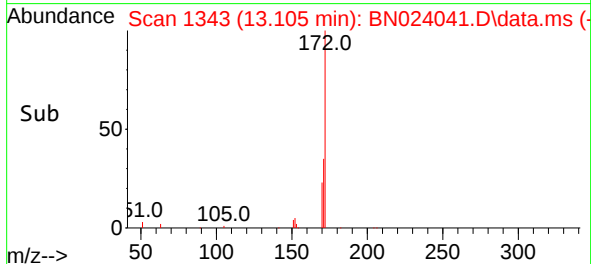
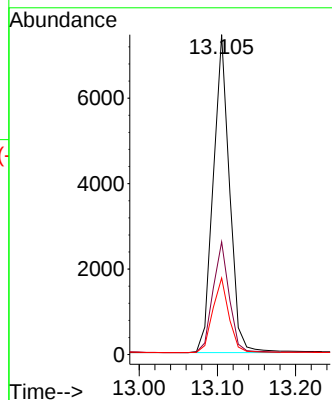
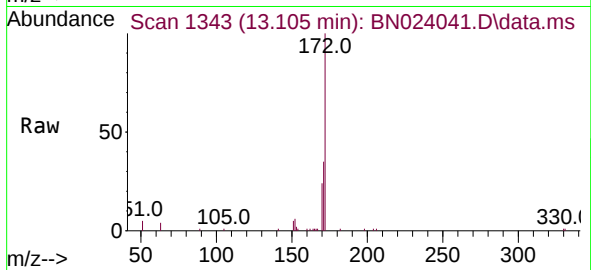




#15  
2-Fluorobiphenyl  
Concen: 0.408 ng  
RT: 13.105 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

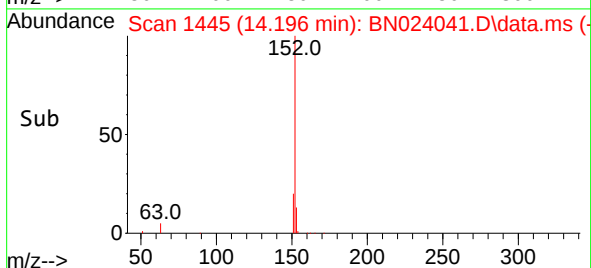
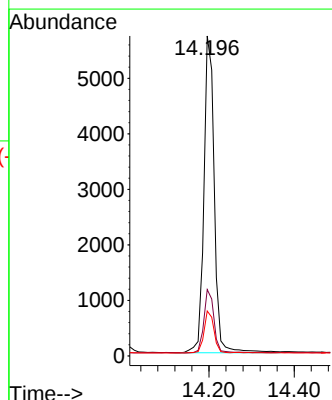
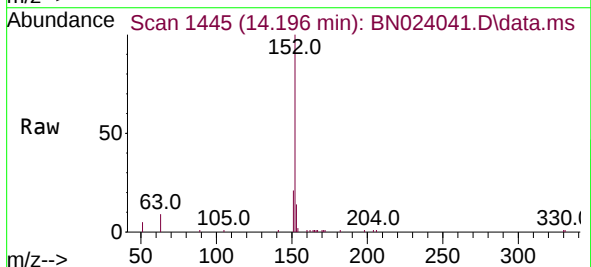
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

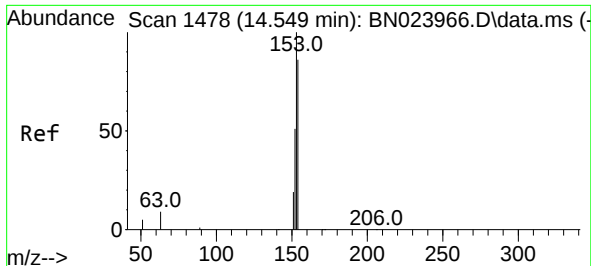
Tgt Ion:172 Resp: 10798  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.4 41.2  
170 23.9 18.2 27.4



#16  
Acenaphthylene  
Concen: 0.371 ng  
RT: 14.196 min Scan# 1445  
Delta R.T. -0.011 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

Tgt Ion:152 Resp: 9667  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.9 23.9  
153 12.7 10.5 15.7

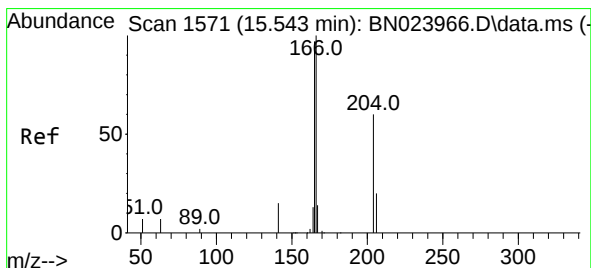
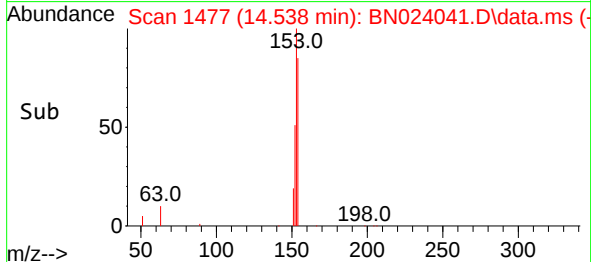
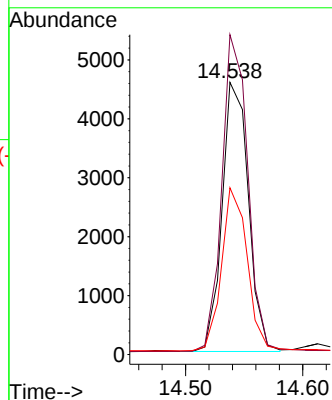
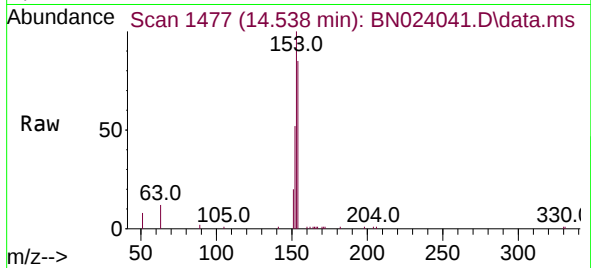




#17  
Acenaphthene  
Concen: 0.402 ng  
RT: 14.538 min Scan# 1477  
Delta R.T. -0.011 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

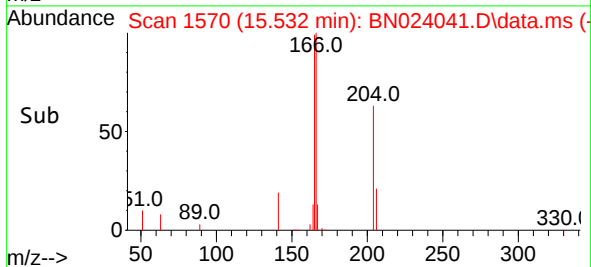
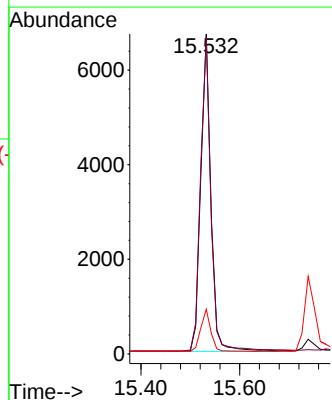
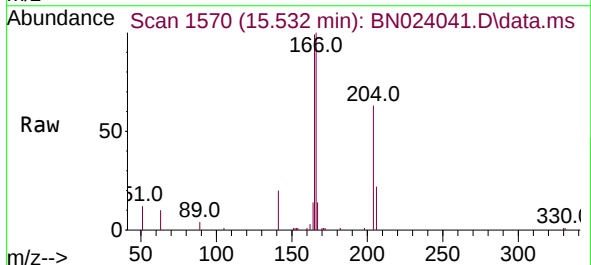
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

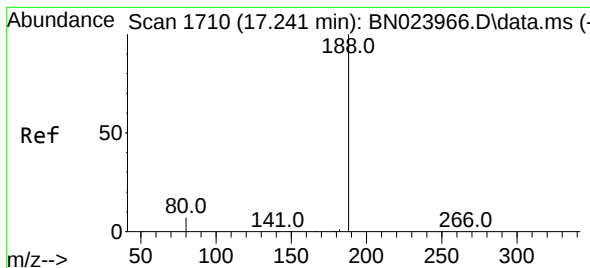
Tgt Ion:154 Resp: 7124  
Ion Ratio Lower Upper  
154 100  
153 117.0 92.6 139.0  
152 60.1 46.5 69.7



#18  
Fluorene  
Concen: 0.397 ng  
RT: 15.532 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

Tgt Ion:166 Resp: 9552  
Ion Ratio Lower Upper  
166 100  
165 99.9 79.3 118.9  
167 13.3 11.0 16.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.228 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

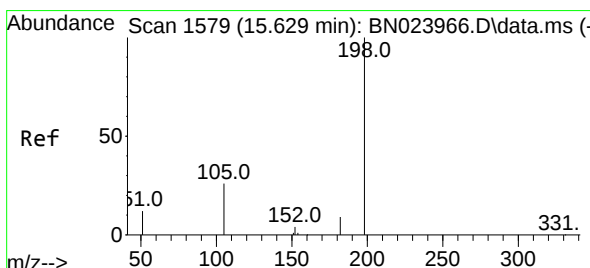
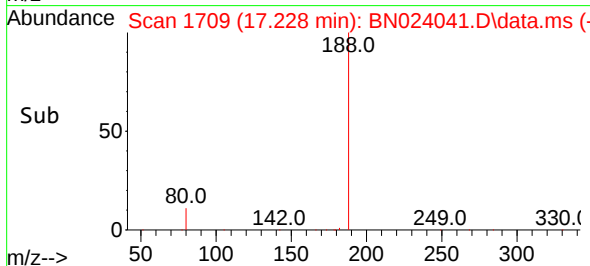
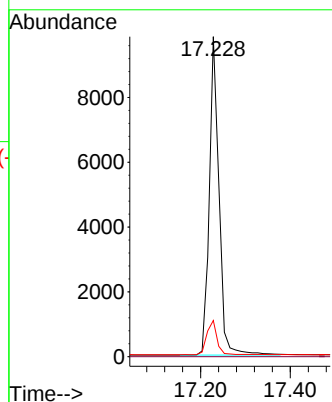
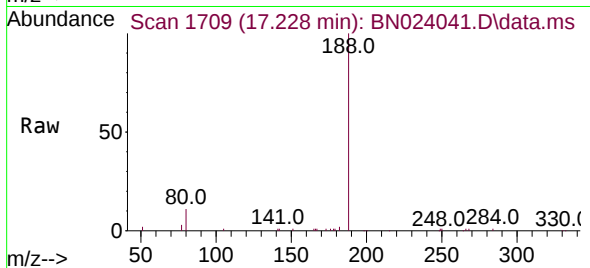
Tgt Ion:188 Resp: 14819

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 6.1 9.1#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.402 ng

RT: 15.618 min Scan# 1578

Delta R.T. -0.011 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

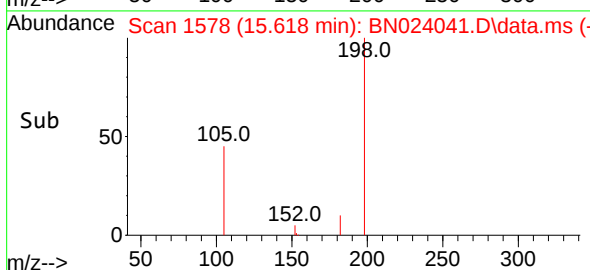
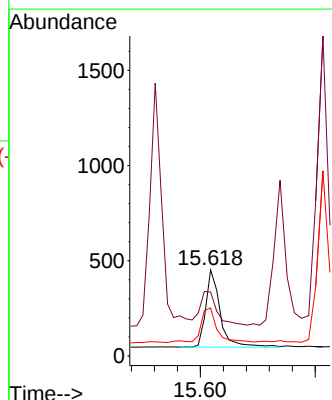
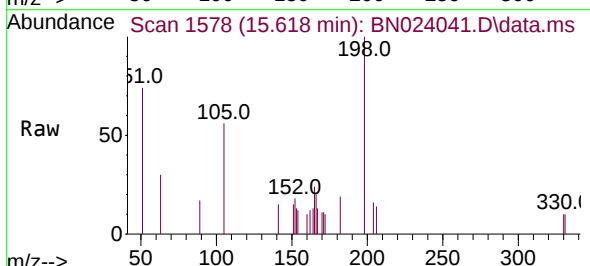
Tgt Ion:198 Resp: 724

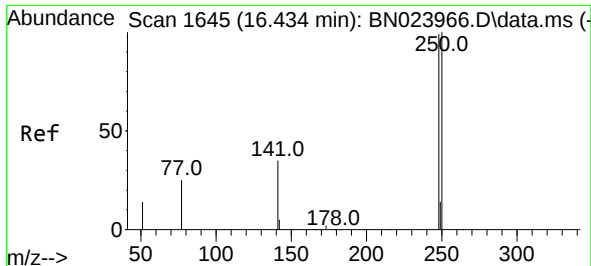
Ion Ratio Lower Upper

198 100

51 74.3 36.8 55.2#

105 55.8 28.8 43.2#





#21

4-Bromophenyl-phenylether

Concen: 0.380 ng

RT: 16.421 min Scan# 1644

Delta R.T. 0.000 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

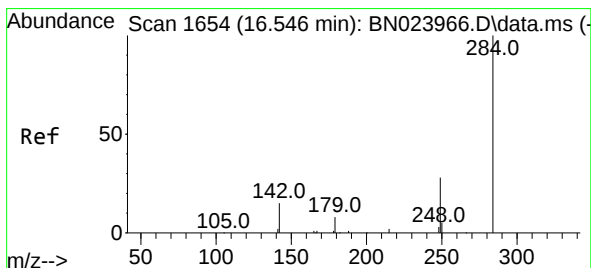
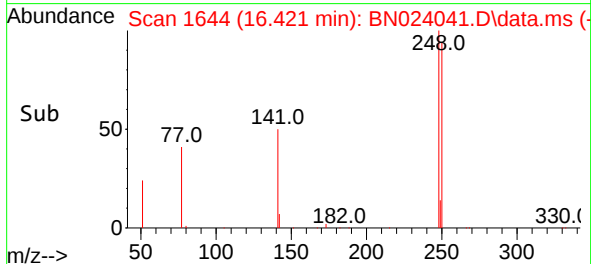
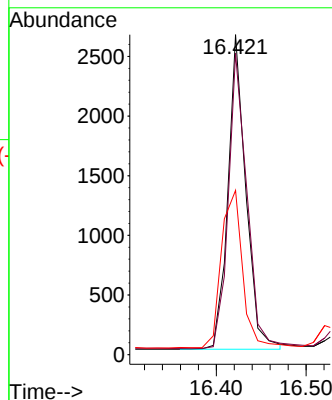
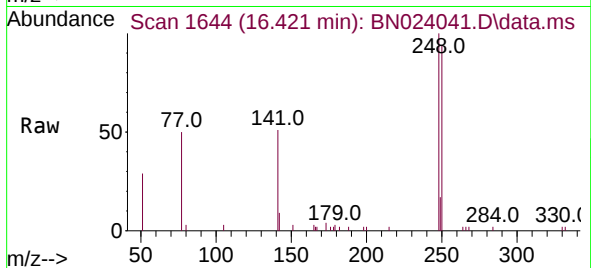
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 3665  |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 94.1  | 80.8  | 121.2 |
| 141       | 51.3  | 29.2  | 43.8  |



#22

Hexachlorobenzene

Concen: 0.396 ng

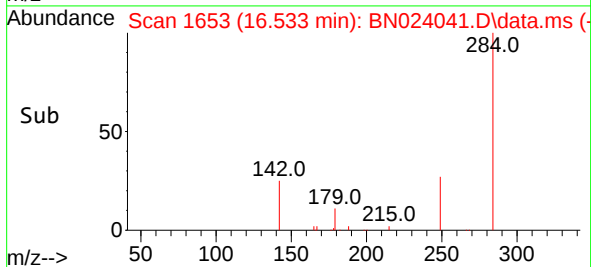
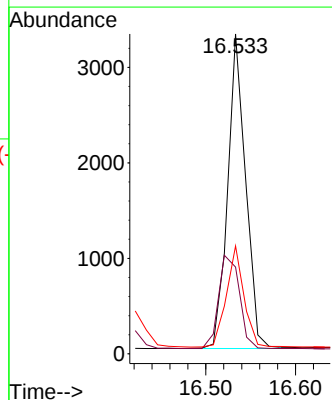
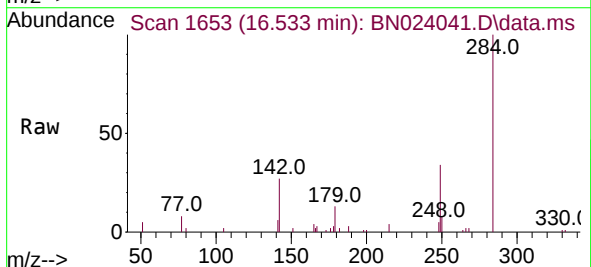
RT: 16.533 min Scan# 1653

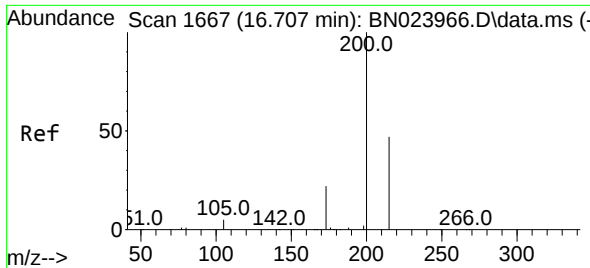
Delta R.T. 0.000 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 284   | Resp: | 4587 |
| Ion Ratio | Lower | Upper |      |
| 284       | 100   |       |      |
| 142       | 34.4  | 26.2  | 39.2 |
| 249       | 31.3  | 25.0  | 37.4 |





#23

Atrazine

Concen: 0.353 ng

RT: 16.694 min Scan# 1666

Delta R.T. -0.012 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

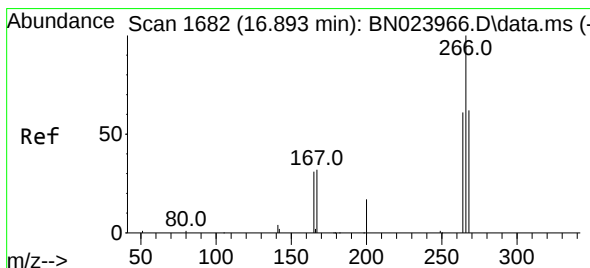
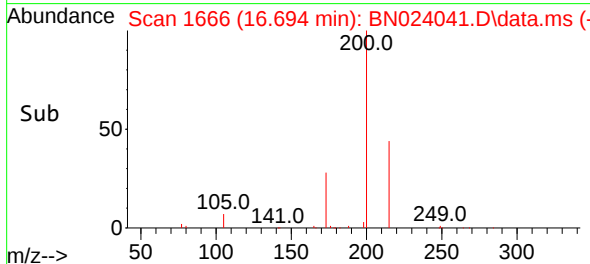
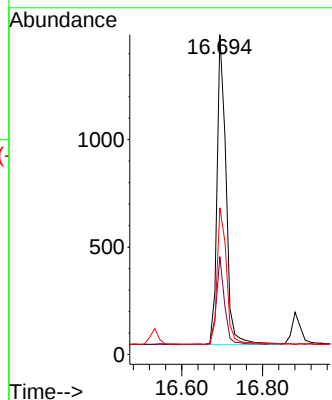
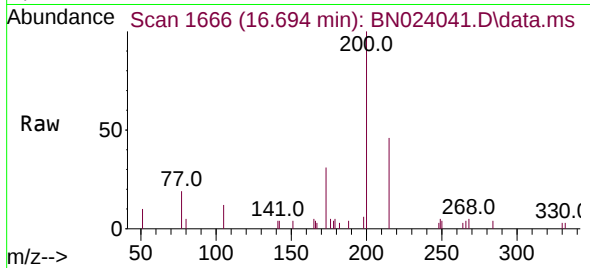
Tgt Ion:200 Resp: 2224

Ion Ratio Lower Upper

200 100

173 30.6 19.5 29.3#

215 45.9 38.6 58.0



#24

Pentachlorophenol

Concen: 0.394 ng

RT: 16.881 min Scan# 1681

Delta R.T. -0.012 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

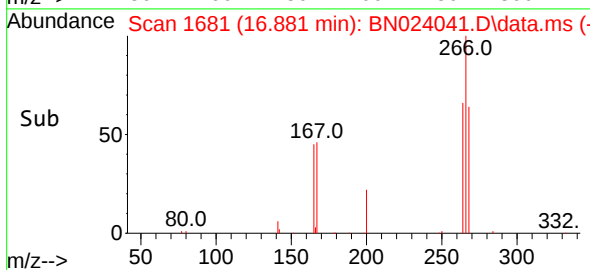
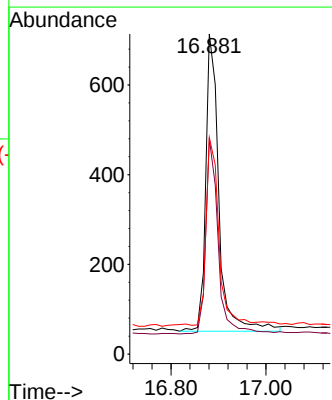
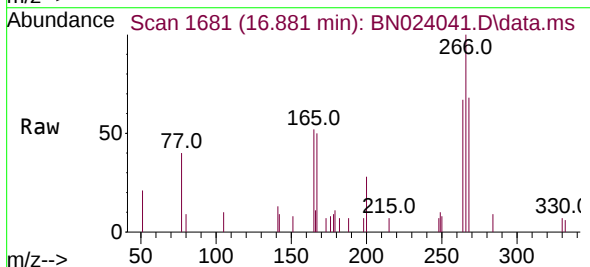
Tgt Ion:266 Resp: 1270

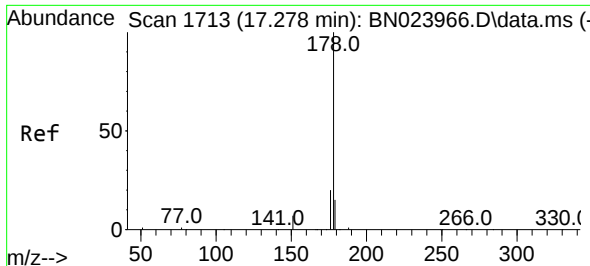
Ion Ratio Lower Upper

266 100

264 62.0 47.6 71.4

268 61.0 47.5 71.3

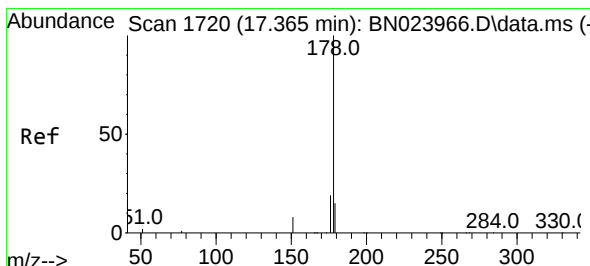
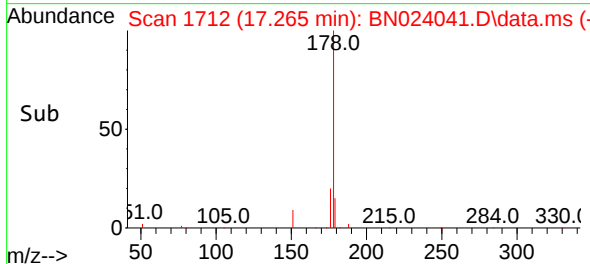
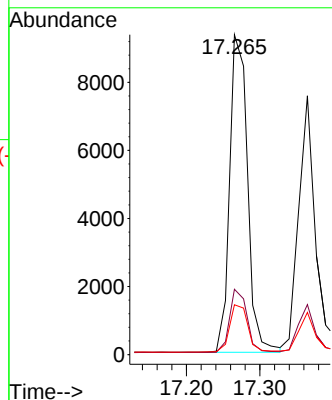
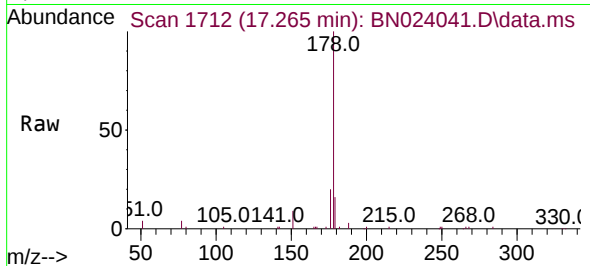




#25  
Phenanthrene  
Concen: 0.388 ng  
RT: 17.265 min Scan# 1713  
Delta R.T. -0.012 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

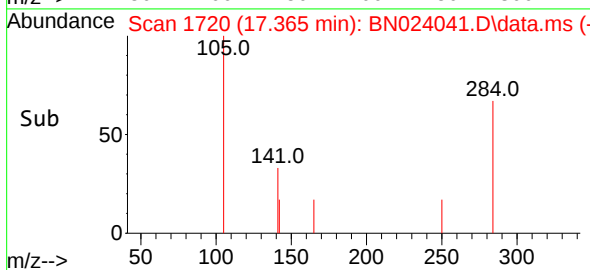
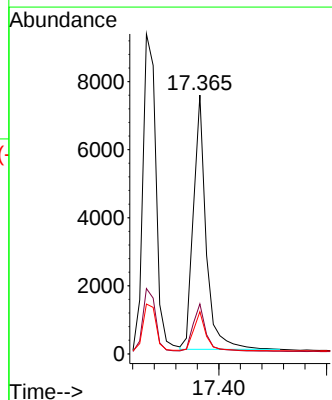
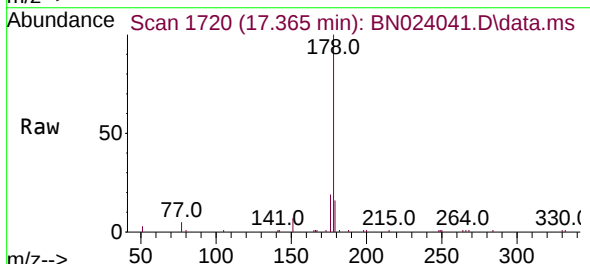
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

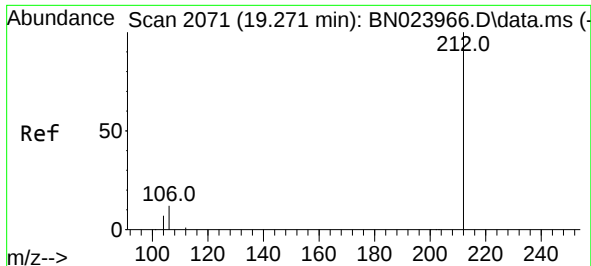
Tgt Ion:178 Resp: 15868  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.6 23.4  
179 15.4 12.6 19.0



#26  
Anthracene  
Concen: 0.363 ng  
RT: 17.365 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

Tgt Ion:178 Resp: 12196  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.9 22.3  
179 15.1 12.2 18.4

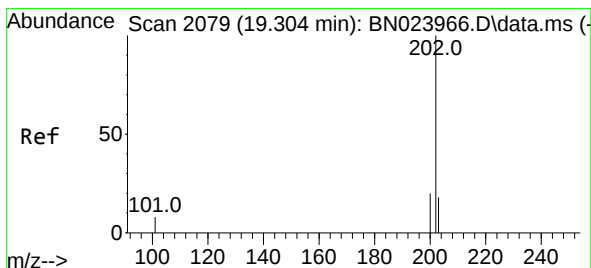
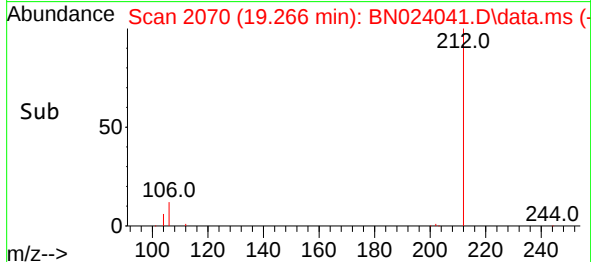
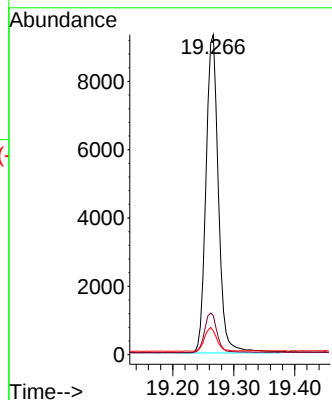
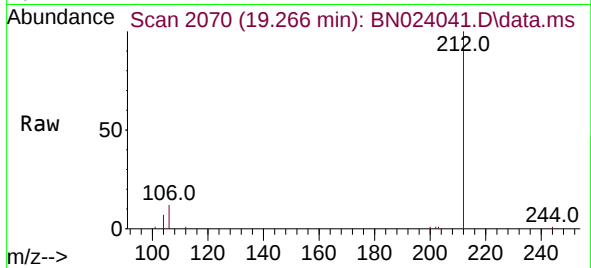




#27  
Fluoranthene-d10  
Concen: 0.366 ng  
RT: 19.266 min Scan# 2070  
Delta R.T. 0.000 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

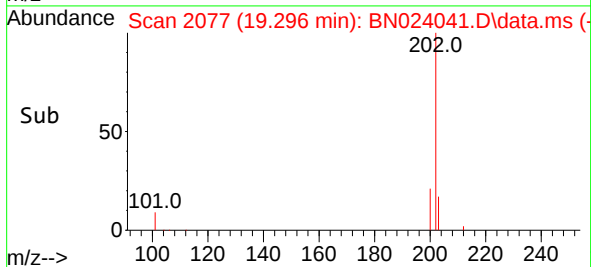
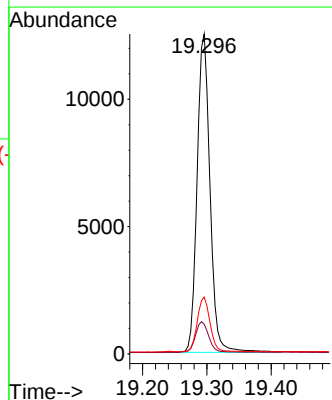
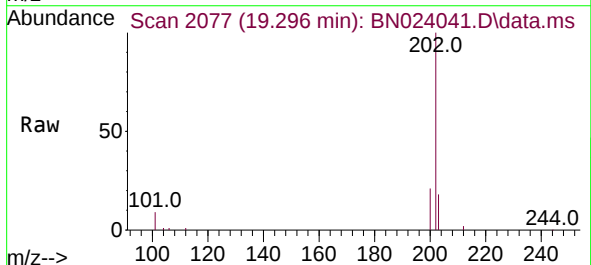
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

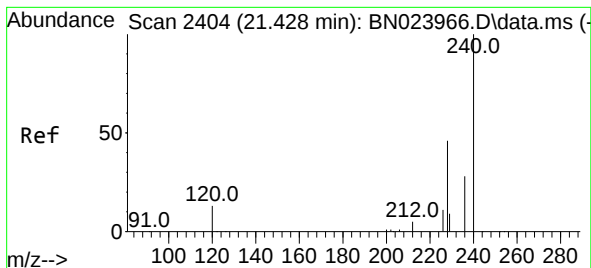
Tgt Ion:212 Resp: 13163  
Ion Ratio Lower Upper  
212 100  
106 12.6 9.2 13.8  
104 7.2 5.7 8.5



#28  
Fluoranthene  
Concen: 0.370 ng  
RT: 19.296 min Scan# 2077  
Delta R.T. 0.000 min  
Lab File: BN024041.D  
Acq: 15 Feb 2023 02:03

Tgt Ion:202 Resp: 17360  
Ion Ratio Lower Upper  
202 100  
101 10.3 7.7 11.5  
203 17.1 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.419 min Scan# 2403

Delta R.T. -0.009 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

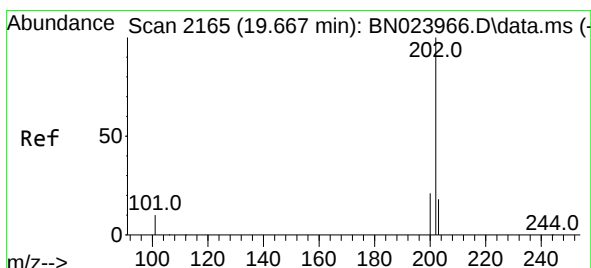
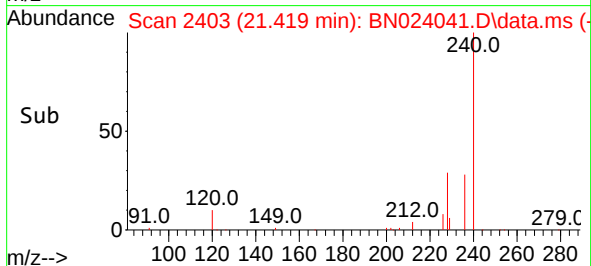
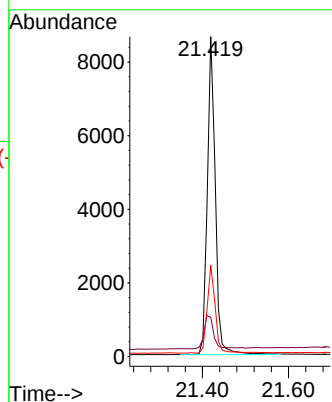
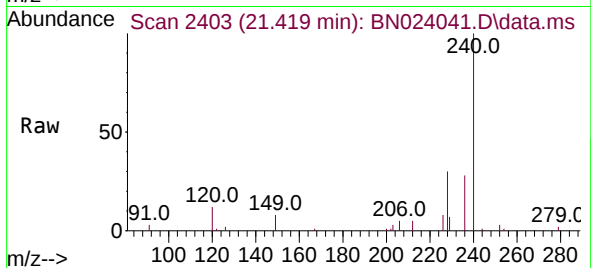
Tgt Ion:240 Resp: 11061

Ion Ratio Lower Upper

240 100

120 12.3 11.4 17.0

236 28.5 23.2 34.8



#30

Pyrene

Concen: 0.448 ng

RT: 19.658 min Scan# 2163

Delta R.T. -0.004 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

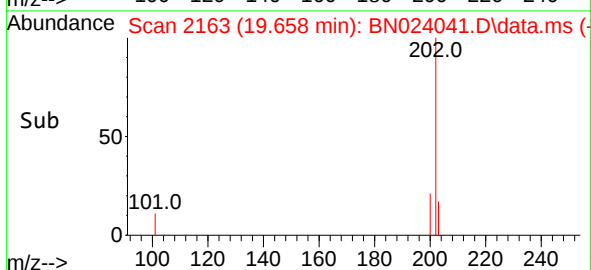
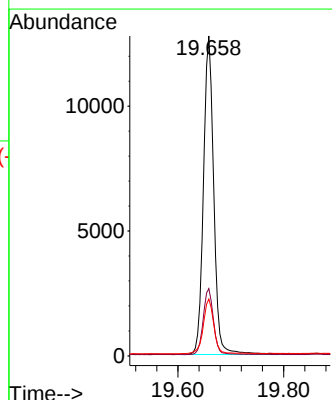
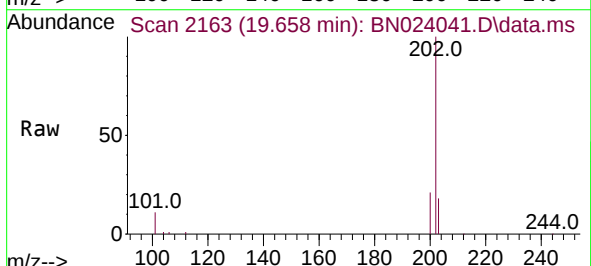
Tgt Ion:202 Resp: 17183

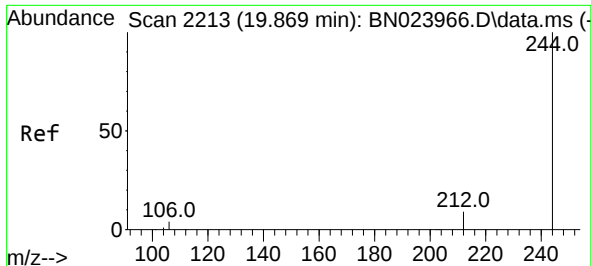
Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

203 17.5 14.4 21.6

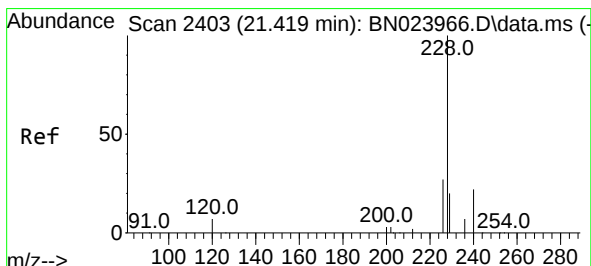
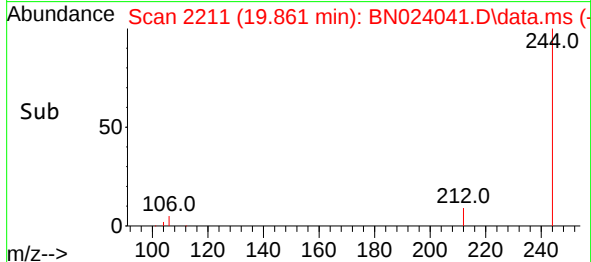
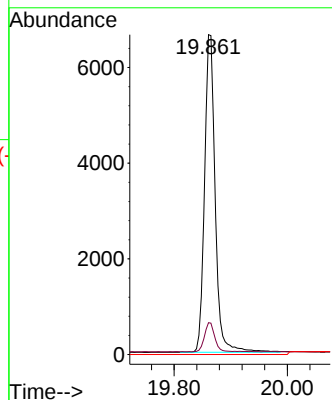
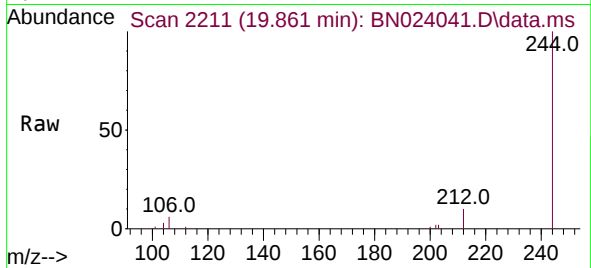




#31  
 Terphenyl-d14  
 Concen: 0.420 ng  
 RT: 19.861 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BN024041.D  
 Acq: 15 Feb 2023 02:03

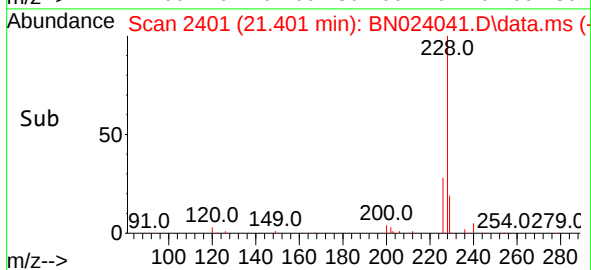
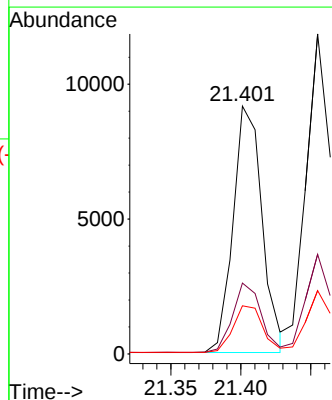
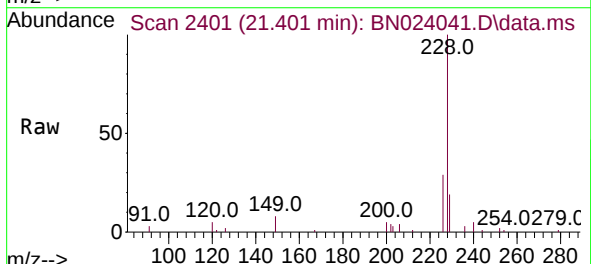
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

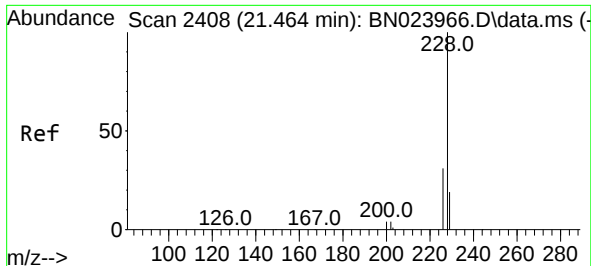
Tgt Ion:244 Resp: 8668  
 Ion Ratio Lower Upper  
 244 100  
 212 10.0 7.7 11.5  
 122 0.0 0.0 0.0



#32  
 Benzo(a)anthracene  
 Concen: 0.372 ng  
 RT: 21.401 min Scan# 2401  
 Delta R.T. -0.009 min  
 Lab File: BN024041.D  
 Acq: 15 Feb 2023 02:03

Tgt Ion:228 Resp: 13168  
 Ion Ratio Lower Upper  
 228 100  
 226 28.6 21.8 32.8  
 229 19.4 15.9 23.9





#33

Chrysene

Concen: 0.404 ng

RT: 21.455 min Scan# 2407

Delta R.T. -0.009 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

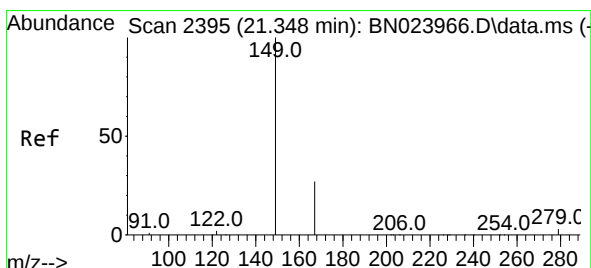
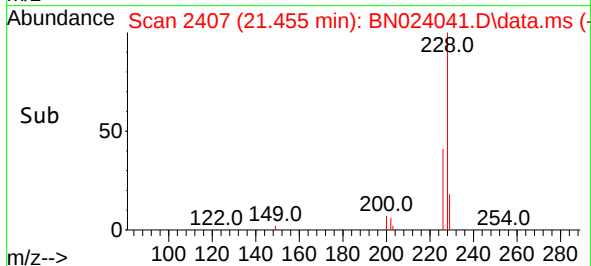
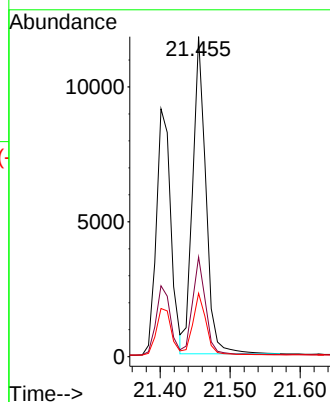
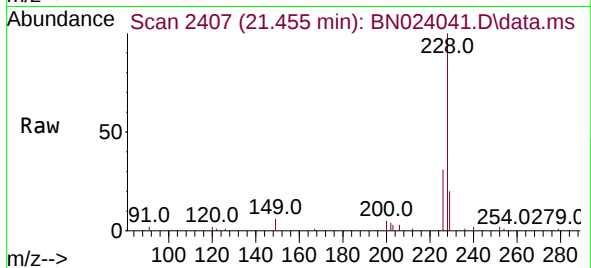
Tgt Ion:228 Resp: 15430

Ion Ratio Lower Upper

228 100

226 31.1 25.2 37.8

229 19.8 15.7 23.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.345 ng

RT: 21.330 min Scan# 2393

Delta R.T. -0.009 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

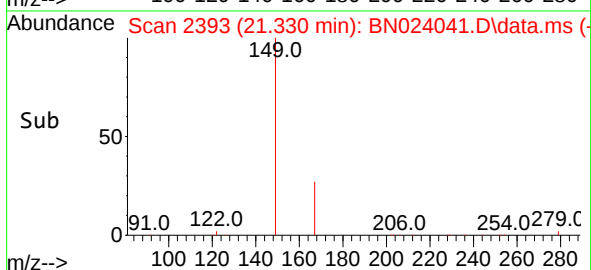
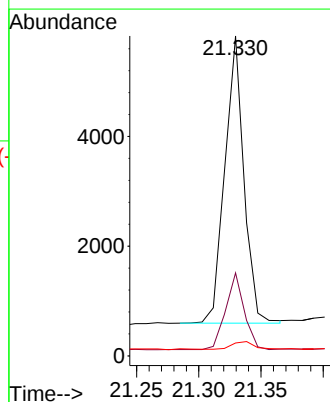
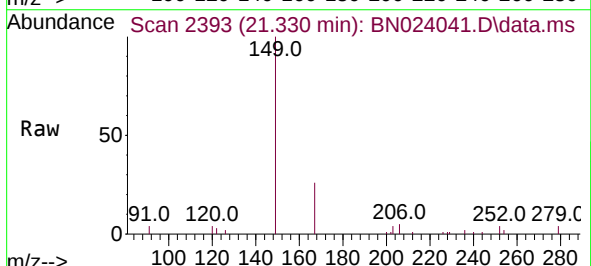
Tgt Ion:149 Resp: 5585

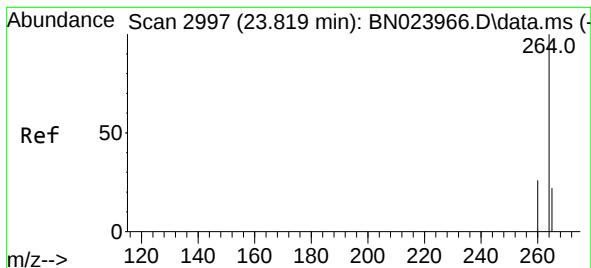
Ion Ratio Lower Upper

149 100

167 26.1 21.1 31.7

279 3.4 3.1 4.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.790 min Scan# 29

Delta R.T. -0.029 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

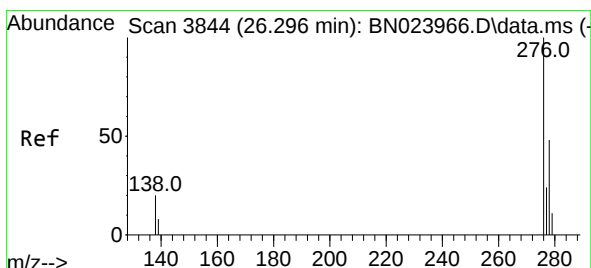
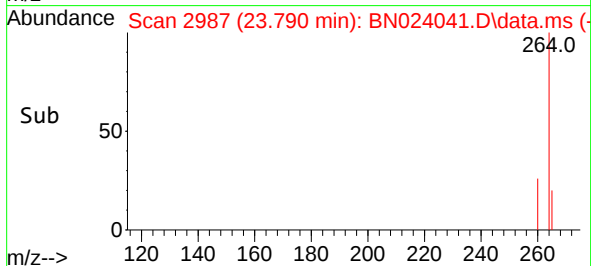
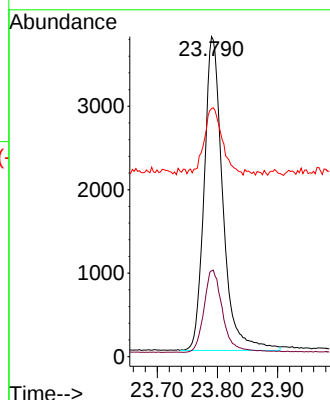
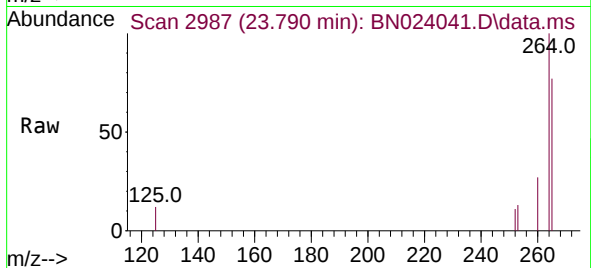
Tgt Ion:264 Resp: 8081

Ion Ratio Lower Upper

264 100

260 26.8 21.4 32.0

265 77.5 41.4 62.0#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.374 ng

RT: 26.240 min Scan# 3825

Delta R.T. -0.053 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

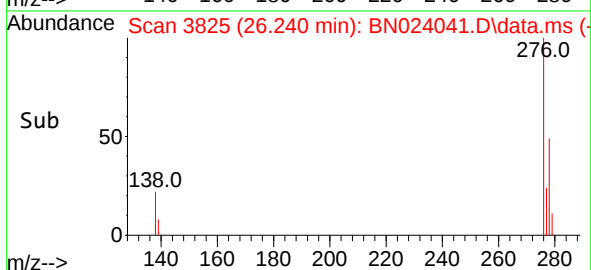
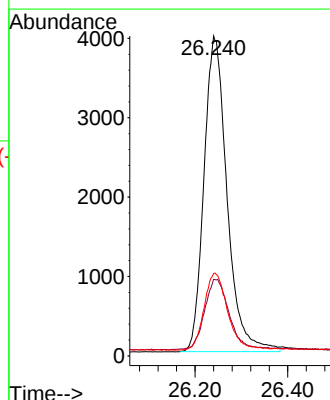
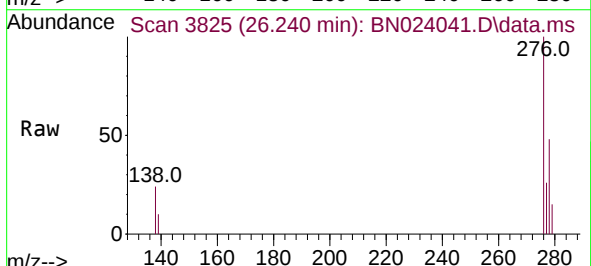
Tgt Ion:276 Resp: 13729

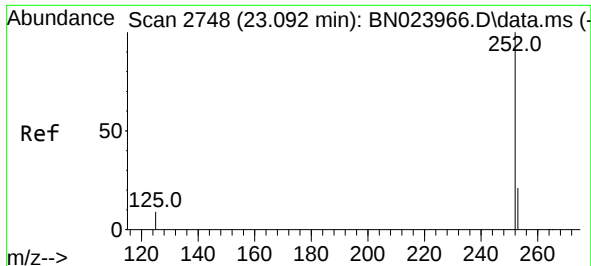
Ion Ratio Lower Upper

276 100

138 23.0 18.0 27.0

277 24.8 19.9 29.9





#37

Benzo(b)fluoranthene

Concen: 0.399 ng

RT: 23.071 min Scan# 21

Delta R.T. -0.020 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

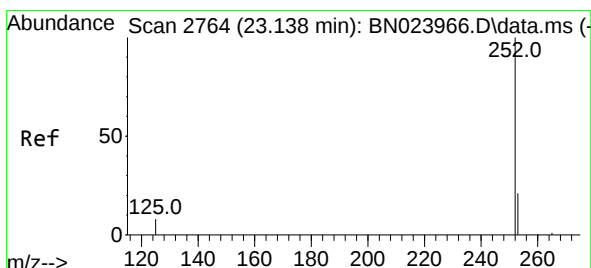
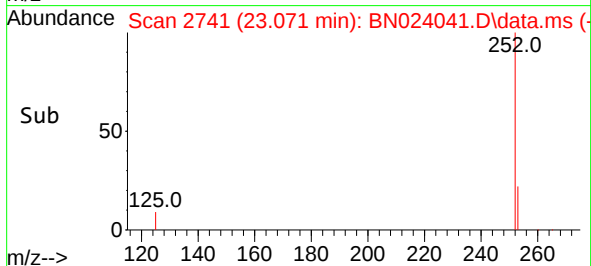
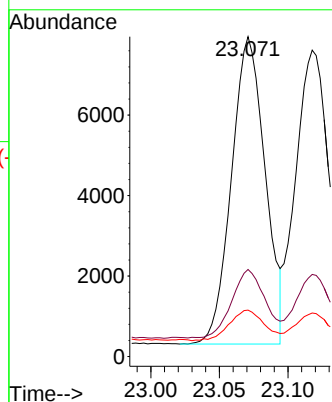
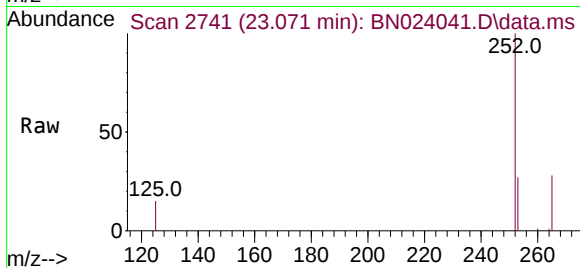
Tgt Ion:252 Resp: 13034

Ion Ratio Lower Upper

252 100

253 27.2 19.8 29.6

125 14.5 9.4 14.0#



#38

Benzo(k)fluoranthene

Concen: 0.391 ng

RT: 23.118 min Scan# 2757

Delta R.T. -0.020 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

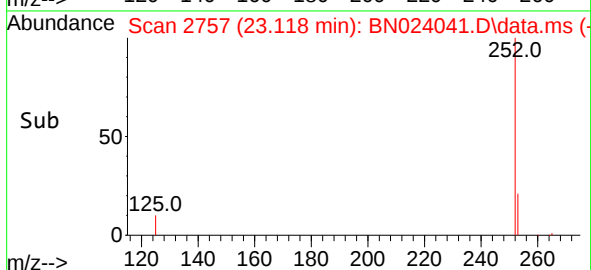
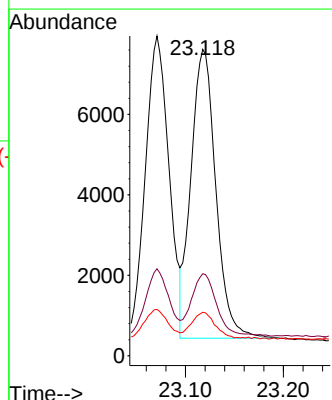
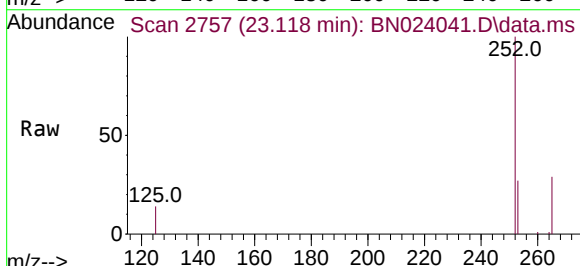
Tgt Ion:252 Resp: 12655

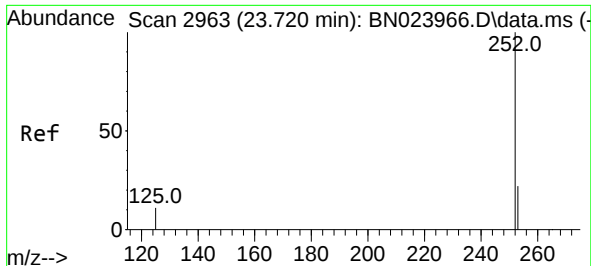
Ion Ratio Lower Upper

252 100

253 26.8 20.2 30.2

125 14.2 9.0 13.4#





#39

Benzo(a)pyrene

Concen: 0.390 ng

RT: 23.688 min Scan# 2963

Delta R.T. -0.029 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

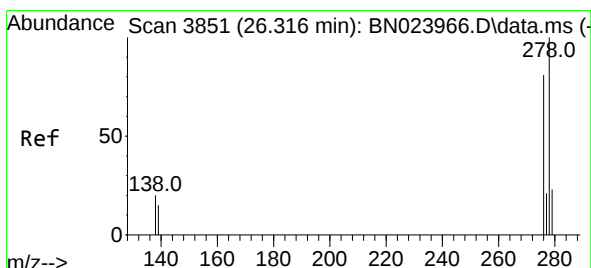
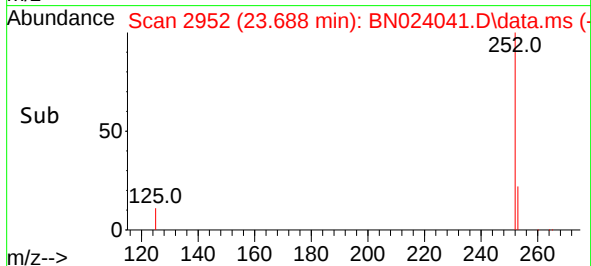
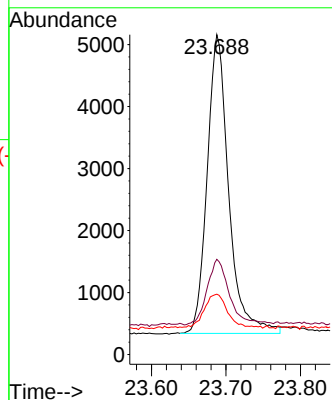
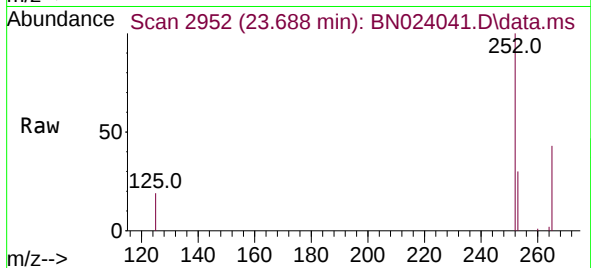
Tgt Ion:252 Resp: 9672

Ion Ratio Lower Upper

252 100

253 29.8 21.9 32.9

125 18.9 12.4 18.6#



#40

Dibenzo(a,h)anthracene

Concen: 0.369 ng

RT: 26.264 min Scan# 3833

Delta R.T. -0.050 min

Lab File: BN024041.D

Acq: 15 Feb 2023 02:03

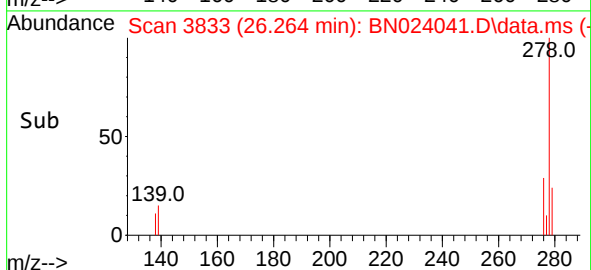
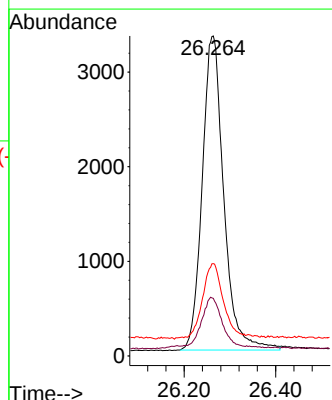
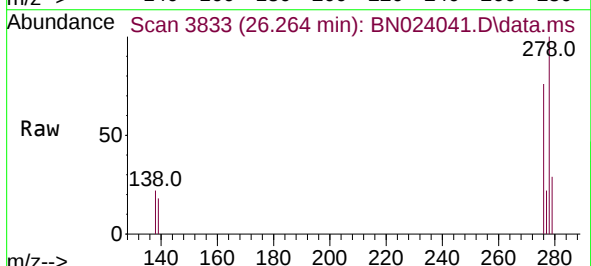
Tgt Ion:278 Resp: 10844

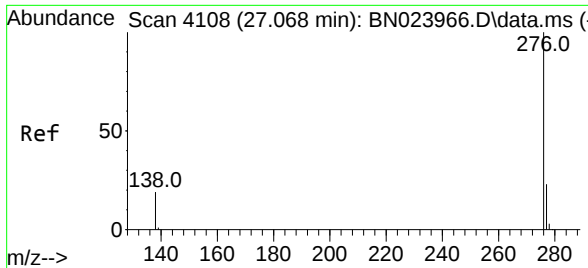
Ion Ratio Lower Upper

278 100

139 18.0 13.1 19.7

279 28.8 21.7 32.5





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.384 ng  
 RT: 27.000 min Scan# 40  
 Delta R.T. -0.061 min  
 Lab File: BN024041.D  
 Acq: 15 Feb 2023 02:03

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 11965 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 25.3  | 19.6  | 29.4  |
| 138       | 22.2  | 16.2  | 24.4  |

