

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090122\  
 Data File : BN021522.D  
 Acq On : 01 Sep 2022 12:25  
 Operator : CG/JU  
 Sample : N4360-13MSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20220823MSD

Quant Time: Sep 02 00:56:45 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 02 00:53:31 2022  
 Response via : Initial Calibration

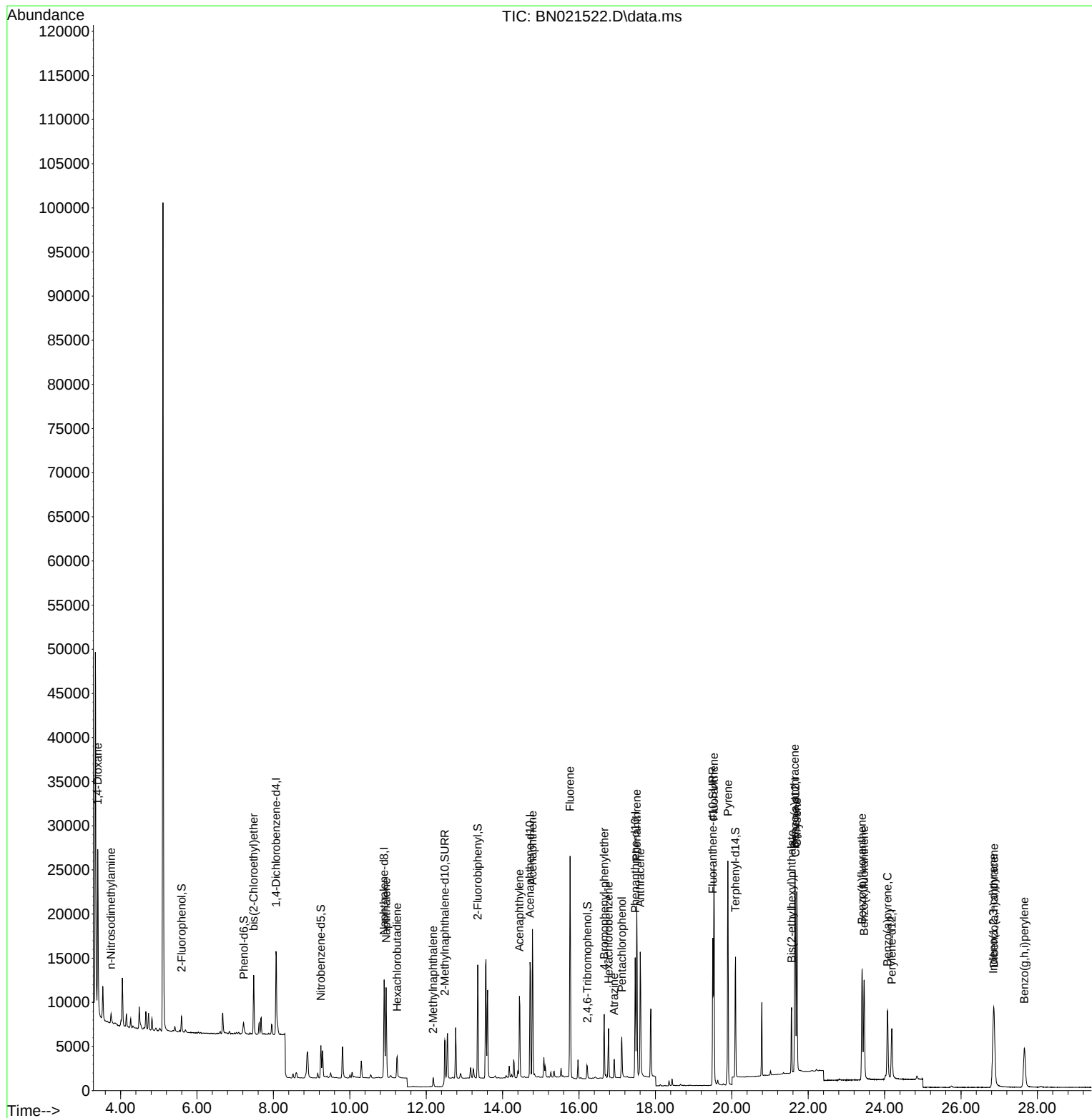
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.069  | 152  | 4724     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.898 | 136  | 14762    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.718 | 164  | 8056     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.470 | 188  | 17439    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.664 | 240  | 12780    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.188 | 264  | 9171     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.599  | 112  | 1553     | 0.168 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.224  | 99   | 1252     | 0.106 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.243  | 82   | 3056     | 0.307 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.486 | 152  | 12914    | 0.388 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.218 | 330  | 917      | 0.347 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.349 | 172  | 10870    | 0.309 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.501 | 212  | 17998    | 0.401 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.097 | 244  | 12487    | 0.435 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.403  | 88   | 11210    | 1.897 | ng    | # 92     |
| 3) n-Nitrosodimethylamine     | 3.750  | 42   | 739      | 0.139 | ng    | # 92     |
| 6) bis(2-Chloroethyl)ether    | 7.484  | 93   | 4762     | 0.321 | ng    | 95       |
| 9) Naphthalene                | 10.952 | 128  | 13436    | 0.307 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.240 | 225  | 2091     | 0.276 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.183 | 142  | 1677     | 0.357 | ng    | 99       |
| 16) Acenaphthylene            | 14.440 | 152  | 11163    | 0.295 | ng    | 100      |
| 17) Acenaphthene              | 14.782 | 154  | 8175     | 0.307 | ng    | 98       |
| 18) Fluorene                  | 15.765 | 166  | 10655    | 0.324 | ng    | 99       |
| 21) 4-Bromophenyl-phenylether | 16.659 | 248  | 3488     | 0.320 | ng    | # 93     |
| 22) Hexachlorobenzene         | 16.772 | 284  | 4019     | 0.301 | ng    | 99       |
| 23) Atrazine                  | 16.916 | 200  | 1870     | 0.294 | ng    | 95       |
| 24) Pentachlorophenol         | 17.121 | 266  | 2438     | 0.811 | ng    | 98       |
| 25) Phenanthrene              | 17.511 | 178  | 20336    | 0.338 | ng    | 100      |
| 26) Anthracene                | 17.603 | 178  | 16061    | 0.336 | ng    | 99       |
| 28) Fluoranthene              | 19.531 | 202  | 22378    | 0.358 | ng    | 100      |
| 30) Pyrene                    | 19.898 | 202  | 26188    | 0.384 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.646 | 228  | 17176    | 0.386 | ng    | 99       |
| 33) Chrysene                  | 21.700 | 228  | 19230    | 0.363 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.566 | 149  | 7513     | 0.419 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.843 | 276  | 13009    | 0.314 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.410 | 252  | 17084    | 0.378 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 23.463 | 252  | 15934    | 0.350 | ng    | 99       |
| 39) Benzo(a)pyrene            | 24.074 | 252  | 12333    | 0.391 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 26.866 | 278  | 11095    | 0.333 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 27.658 | 276  | 10754    | 0.294 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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Sample : N4360-13MSD  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20220823MSD

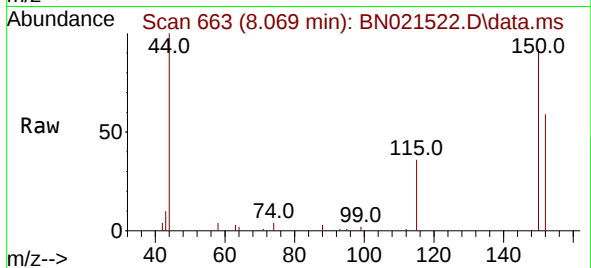
Quant Time: Sep 02 00:56:45 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 02 00:53:31 2022  
Response via : Initial Calibration





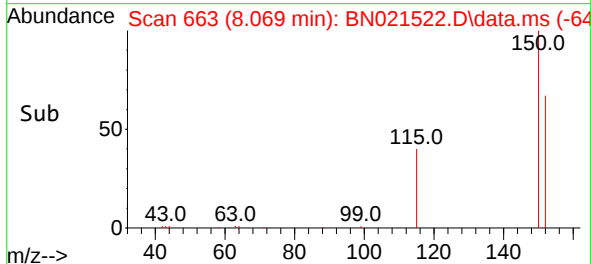
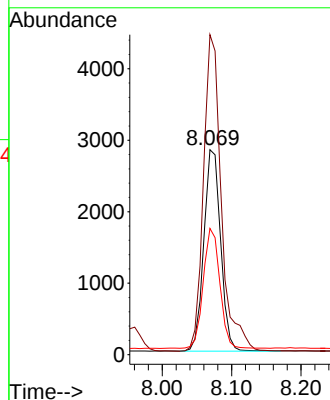
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.069 min Scan# 6  
 Delta R.T. -0.000 min  
 Lab File: BN021522.D  
 Acq: 01 Sep 2022 12:25

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20220823MSD



Tgt Ion:152 Resp: 4724

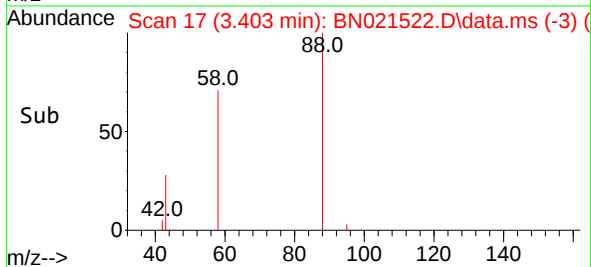
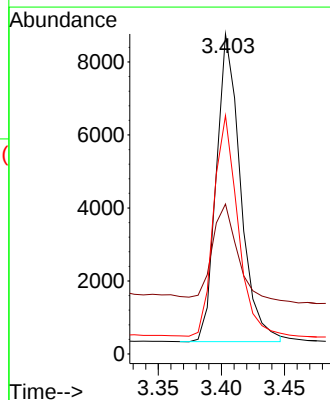
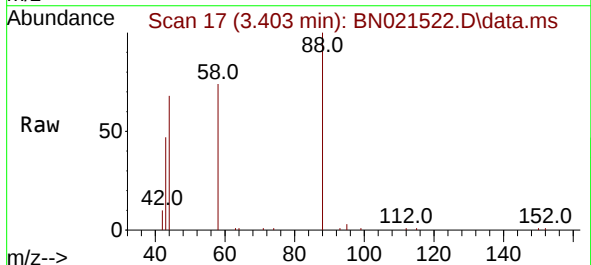
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 156.2 | 121.4 | 182.0 |
| 115 | 61.6  | 48.6  | 72.8  |



#2  
 1,4-Dioxane  
 Concen: 1.897 ng  
 RT: 3.403 min Scan# 17  
 Delta R.T. -0.000 min  
 Lab File: BN021522.D  
 Acq: 01 Sep 2022 12:25

Tgt Ion: 88 Resp: 11210

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 32.1  | 35.8  | 53.8# |
| 58  | 71.6  | 57.1  | 85.7  |

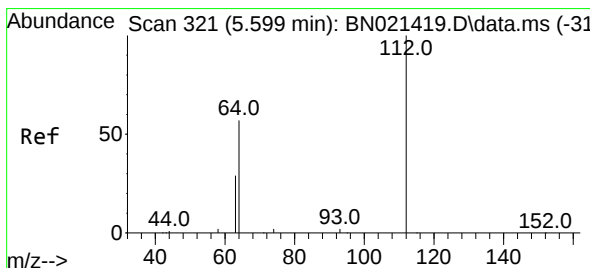
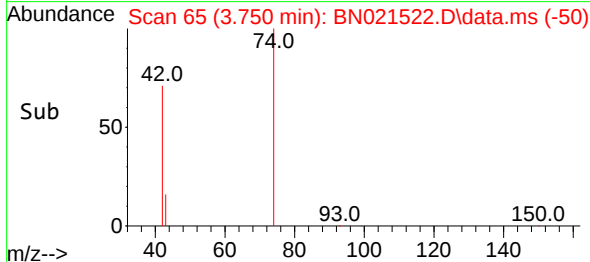
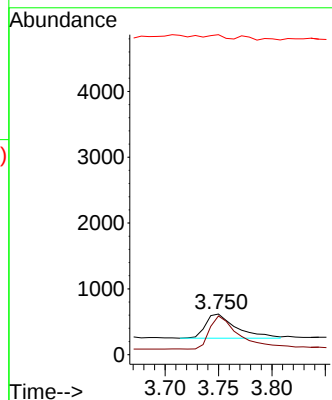
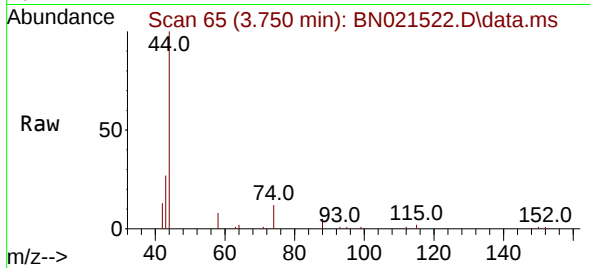




#3  
n-Nitrosodimethylamine  
Concen: 0.139 ng  
RT: 3.750 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

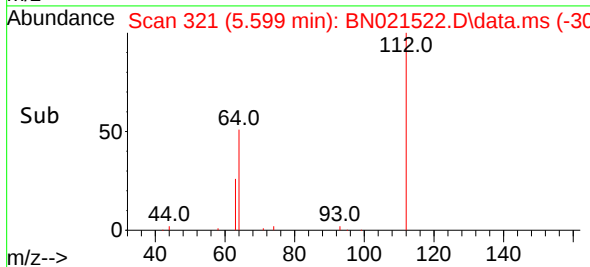
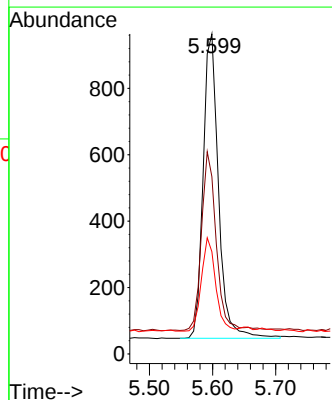
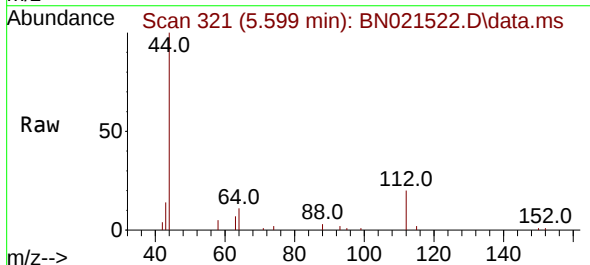
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20220823MSD

Tgt Ion: 42 Resp: 739  
Ion Ratio Lower Upper  
42 100  
74 133.8 113.0 169.6  
44 0.0 10.5 15.7#



#4  
2-Fluorophenol  
Concen: 0.168 ng  
RT: 5.599 min Scan# 321  
Delta R.T. 0.007 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

Tgt Ion: 112 Resp: 1553  
Ion Ratio Lower Upper  
112 100  
64 57.1 43.5 65.3  
63 28.1 22.6 34.0

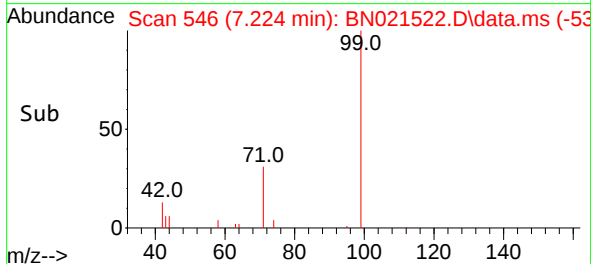
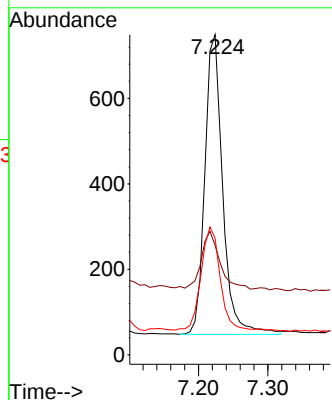
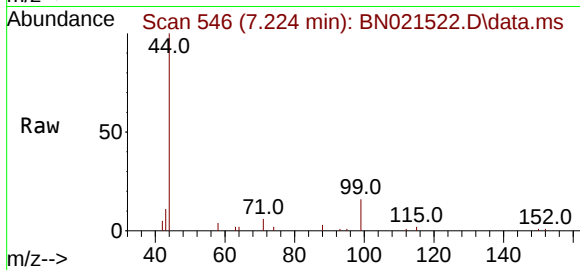




#5  
Phenol-d6  
Concen: 0.106 ng  
RT: 7.224 min Scan# 54  
Delta R.T. 0.007 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

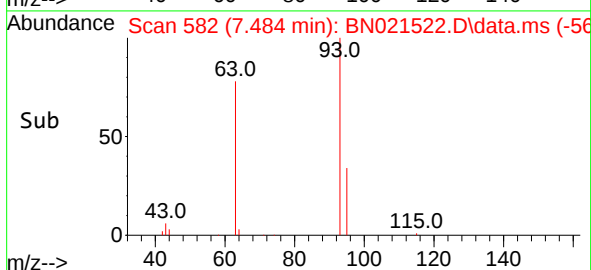
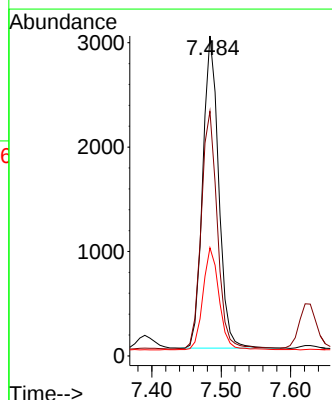
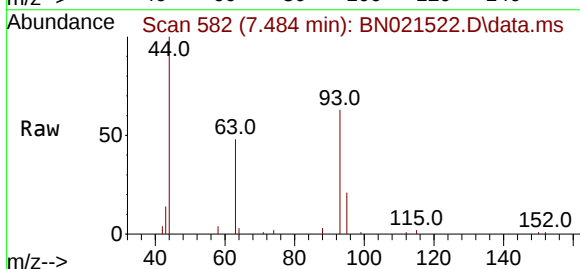
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20220823MSD

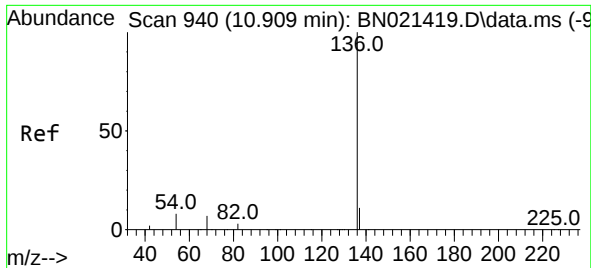
Tgt Ion: 99 Resp: 1252  
Ion Ratio Lower Upper  
99 100  
42 19.5 15.5 23.3  
71 38.8 24.2 36.2#



#6  
bis(2-Chloroethyl)ether  
Concen: 0.321 ng  
RT: 7.484 min Scan# 582  
Delta R.T. 0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

Tgt Ion: 93 Resp: 4762  
Ion Ratio Lower Upper  
93 100  
63 77.6 57.8 86.8  
95 33.0 25.9 38.9

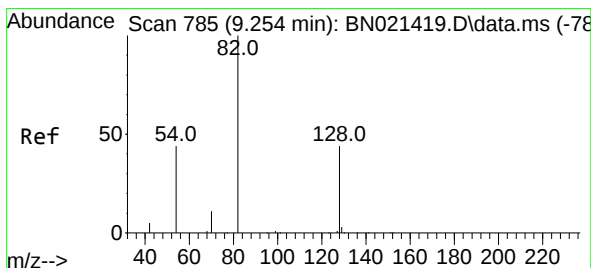
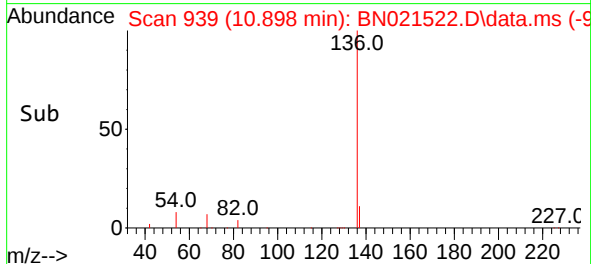
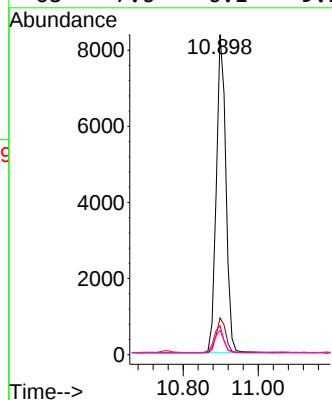
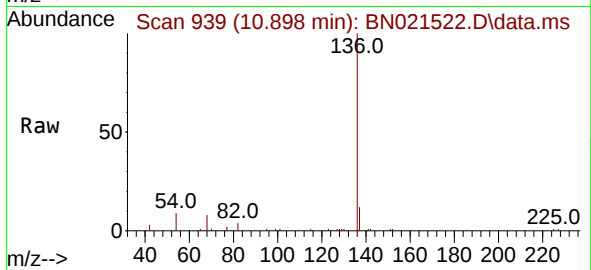




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.898 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

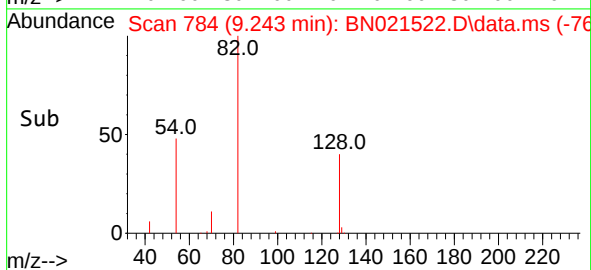
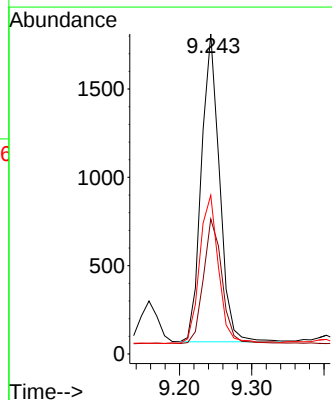
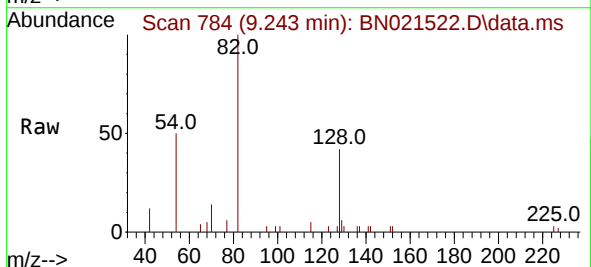
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20220823MSD

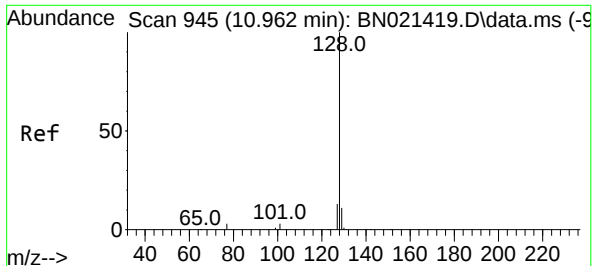
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 14762    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.5  | 9.3 13.9 |
| 54          | 9.1   | 6.9 10.3 |
| 68          | 7.6   | 6.1 9.1  |



#8  
Nitrobenzene-d5  
Concen: 0.307 ng  
RT: 9.243 min Scan# 784  
Delta R.T. -0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 3056      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 42.2  | 30.9 46.3 |
| 54          | 49.6  | 42.7 64.1 |

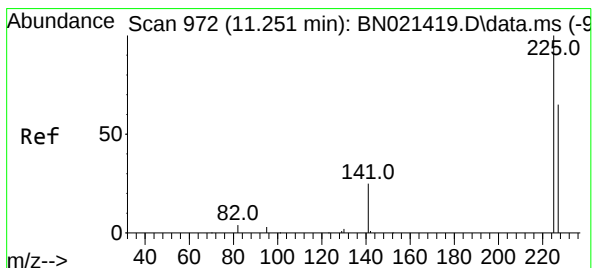
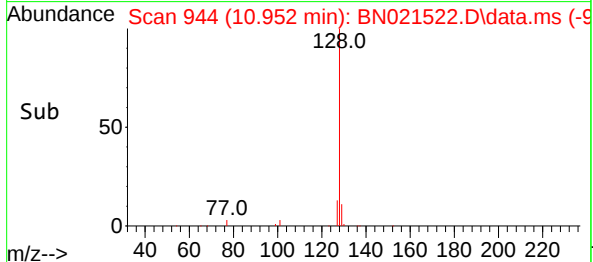
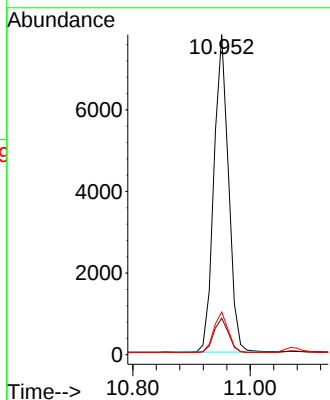
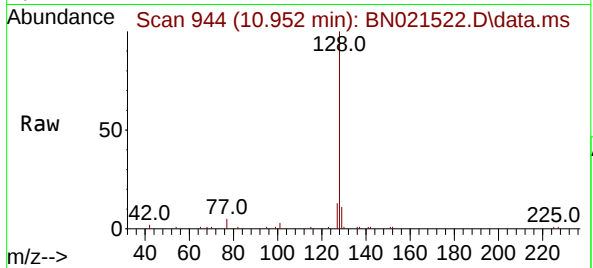




#9  
Naphthalene  
Concen: 0.307 ng  
RT: 10.952 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

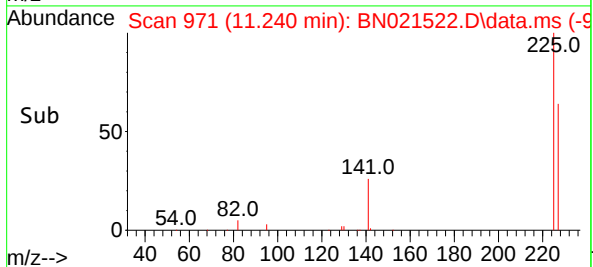
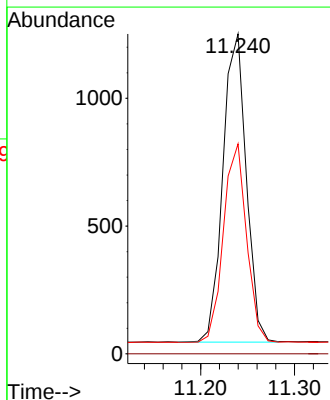
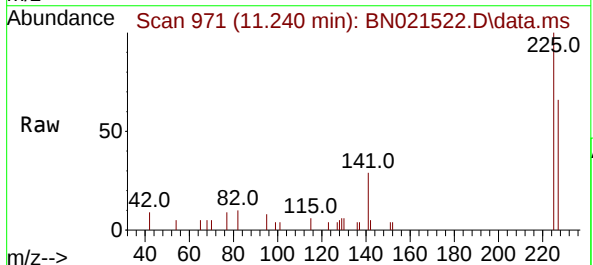
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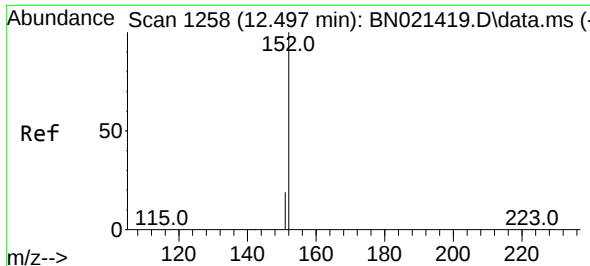
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 13436 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.4  | 9.3   | 13.9  |
| 127      | 13.3  | 11.0  | 16.4  |



#10  
Hexachlorobutadiene  
Concen: 0.276 ng  
RT: 11.240 min Scan# 971  
Delta R.T. -0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 2091  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.6  | 51.2  | 76.8  |





#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 12.486 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BN021522.D

Acq: 01 Sep 2022 12:25

Instrument :

BNA\_N

ClientSampleId :

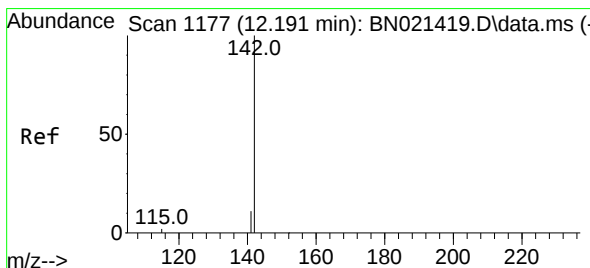
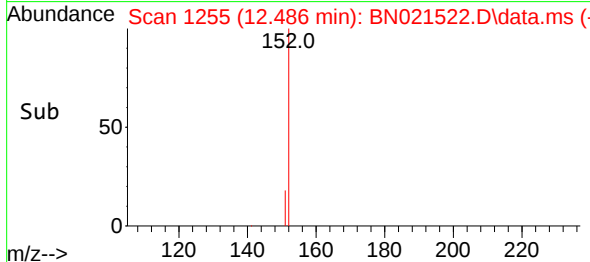
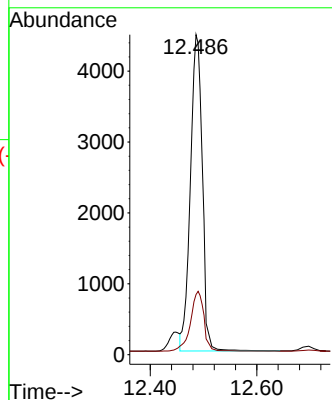
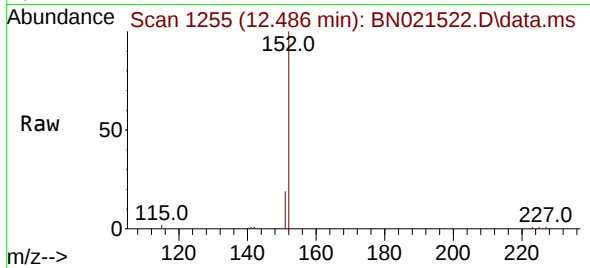
TT172S1-20220823MSD

Tgt Ion:152 Resp: 12914

Ion Ratio Lower Upper

152 100

151 16.2 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.357 ng

RT: 12.183 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BN021522.D

Acq: 01 Sep 2022 12:25

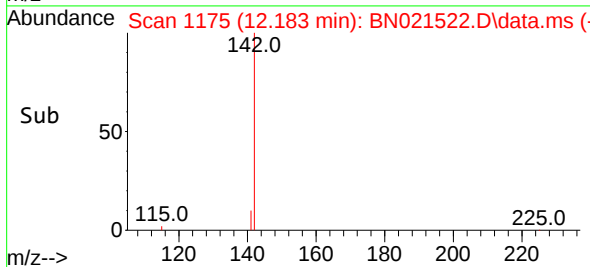
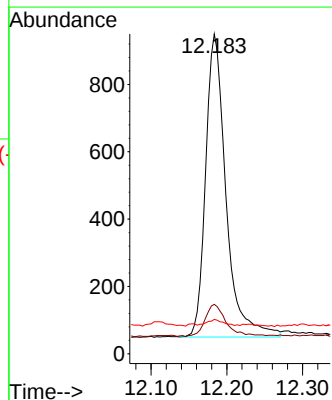
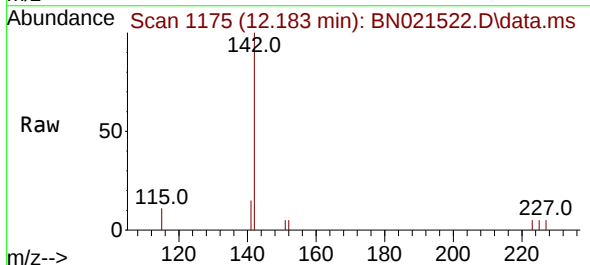
Tgt Ion:142 Resp: 1677

Ion Ratio Lower Upper

142 100

141 15.5 12.2 18.2

115 10.7 7.9 11.9

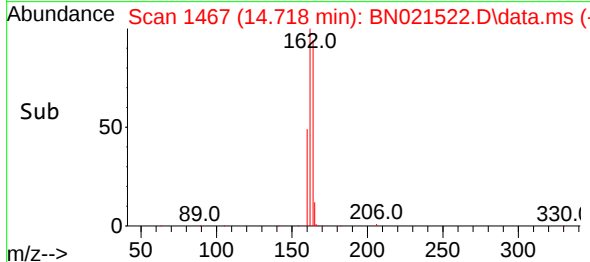
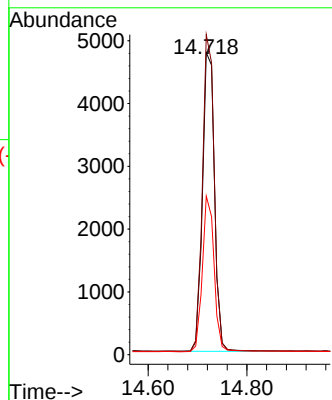
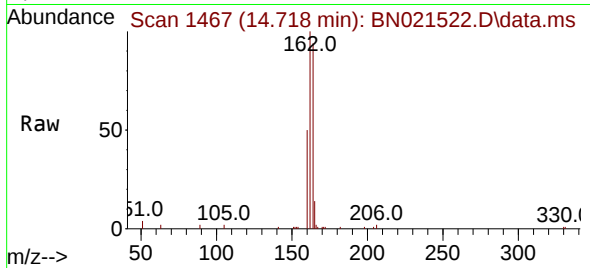




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.718 min Scan# 1467  
 Delta R.T. 0.000 min  
 Lab File: BN021522.D  
 Acq: 01 Sep 2022 12:25

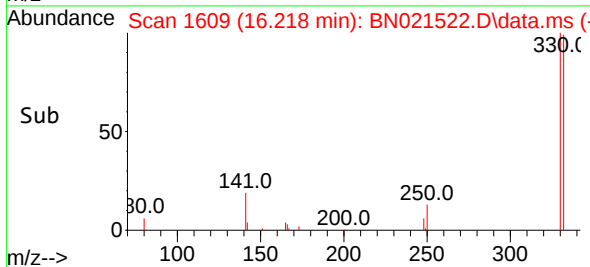
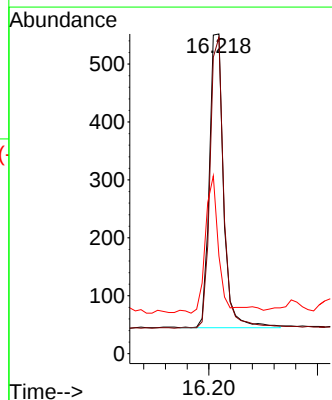
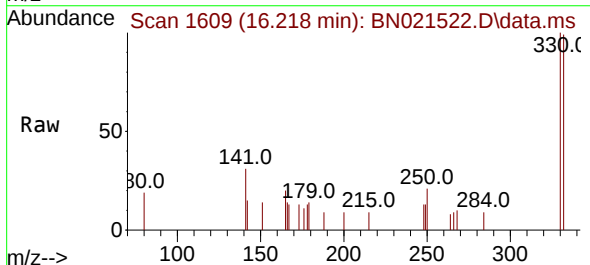
Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20220823MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 8056  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 105.9 | 82.2  | 123.4 |
| 160      | 52.5  | 39.5  | 59.3  |



#14  
 2,4,6-Tribromophenol  
 Concen: 0.347 ng  
 RT: 16.218 min Scan# 1609  
 Delta R.T. -0.000 min  
 Lab File: BN021522.D  
 Acq: 01 Sep 2022 12:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 917   |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 95.9  | 79.3  | 118.9 |
| 141      | 42.5  | 37.1  | 55.7  |

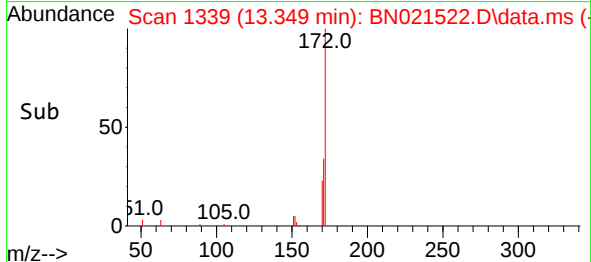
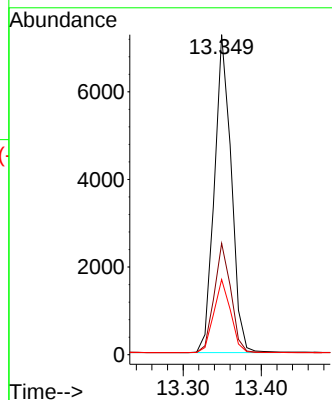
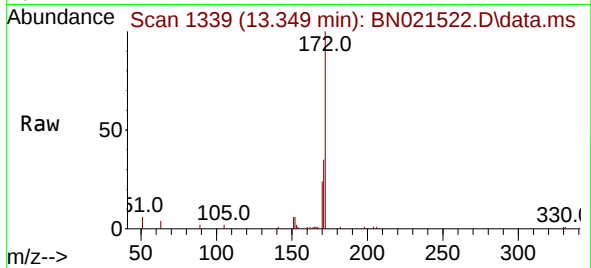




#15  
2-Fluorobiphenyl  
Concen: 0.309 ng  
RT: 13.349 min Scan# 1339  
Delta R.T. -0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

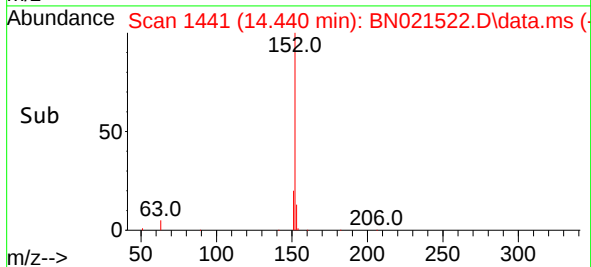
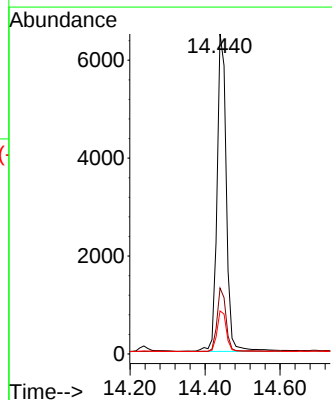
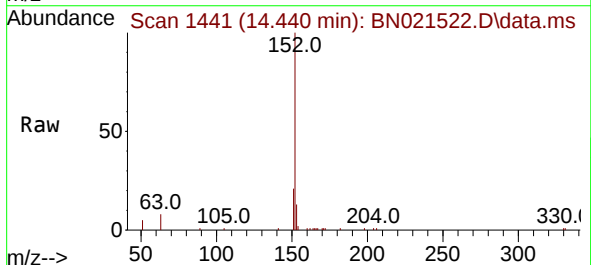
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20220823MSD

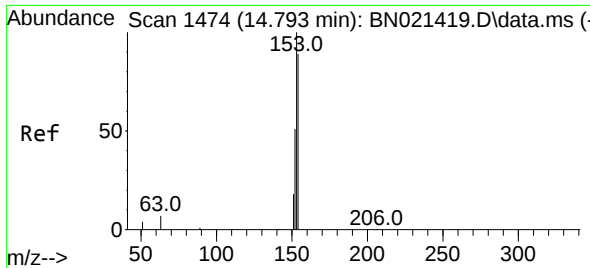
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 10870 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.8  | 27.8  | 41.6  |
| 170       | 23.5  | 18.6  | 28.0  |



#16  
Acenaphthylene  
Concen: 0.295 ng  
RT: 14.440 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 11163 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.4  | 15.4  | 23.2  |
| 153       | 12.8  | 10.3  | 15.5  |

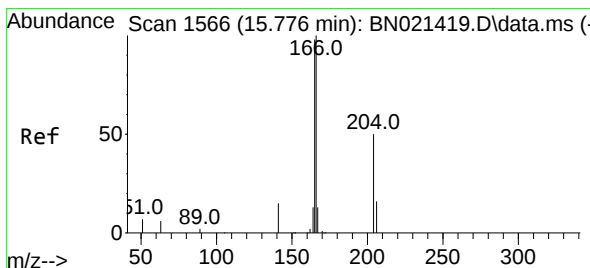
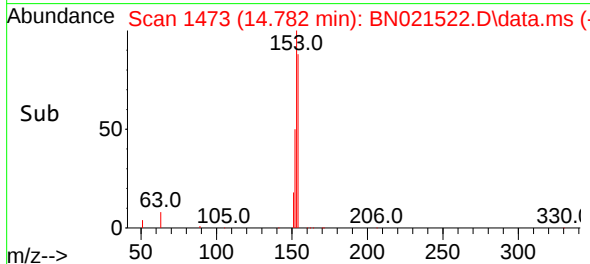
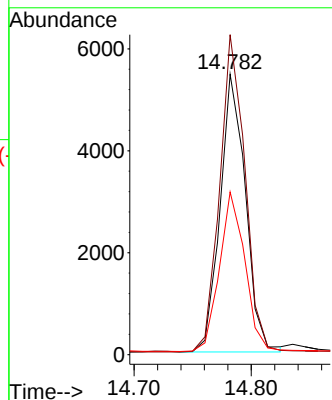
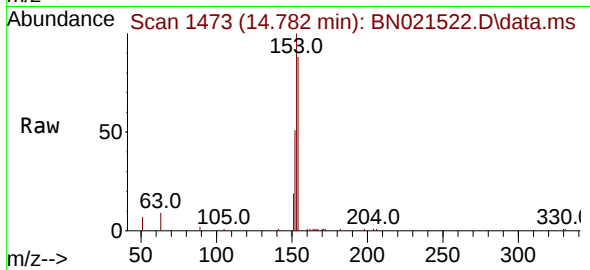




#17  
Acenaphthene  
Concen: 0.307 ng  
RT: 14.782 min Scan# 1473  
Delta R.T. -0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

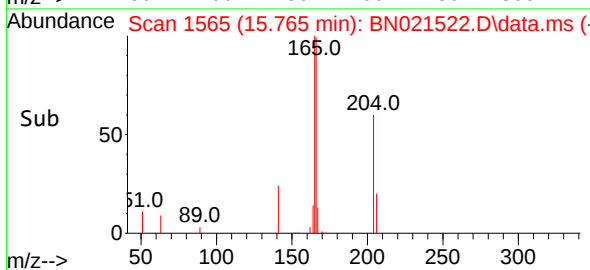
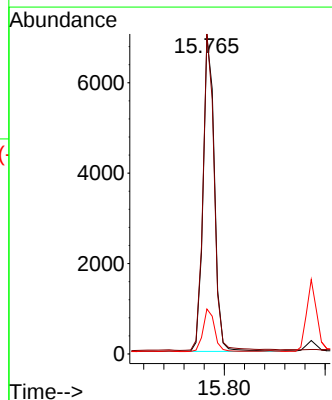
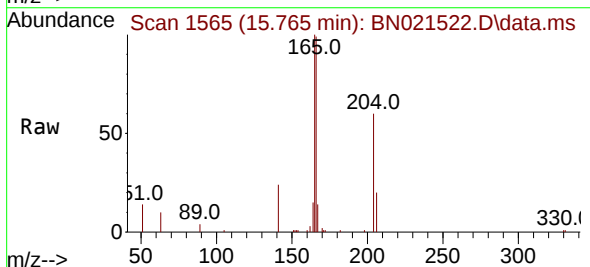
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20220823MSD

Tgt Ion:154 Resp: 8175  
Ion Ratio Lower Upper  
154 100  
153 113.9 89.5 134.3  
152 58.5 45.5 68.3



#18  
Fluorene  
Concen: 0.324 ng  
RT: 15.765 min Scan# 1565  
Delta R.T. -0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

Tgt Ion:166 Resp: 10655  
Ion Ratio Lower Upper  
166 100  
165 99.1 78.7 118.1  
167 14.0 10.6 16.0

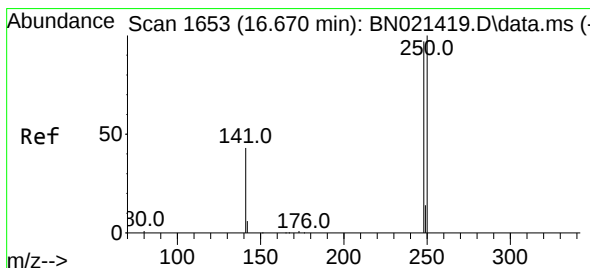
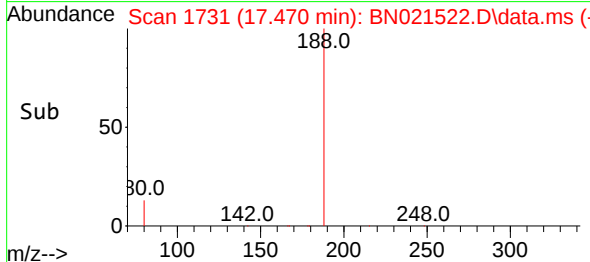
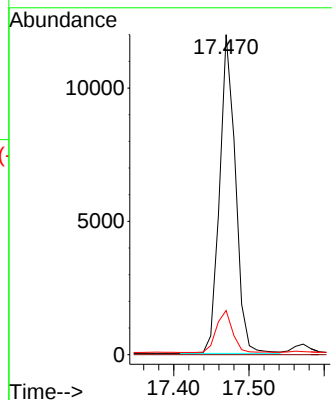
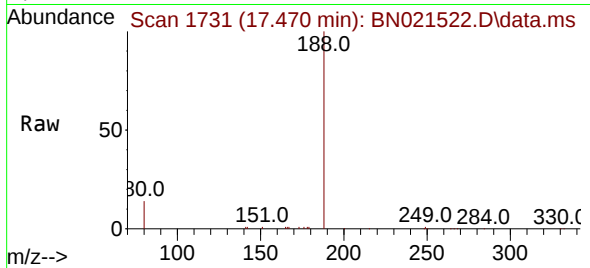




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.470 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

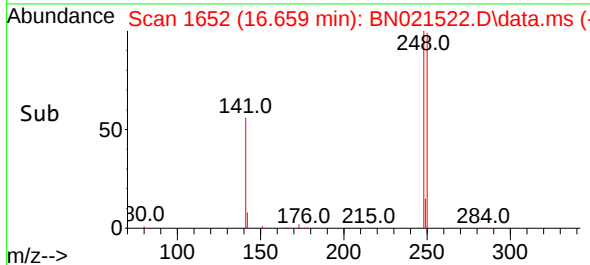
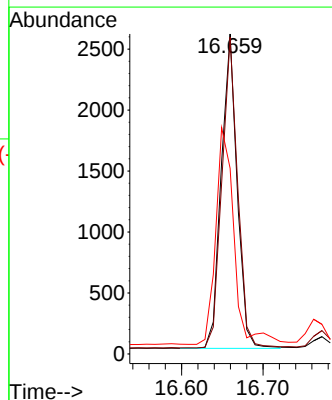
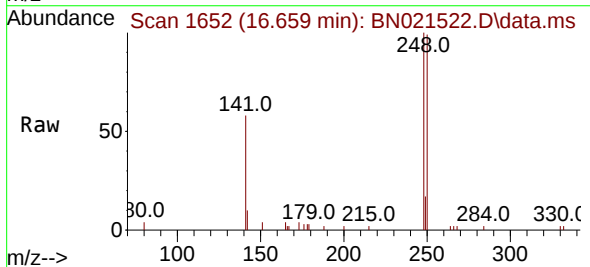
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20220823MSD

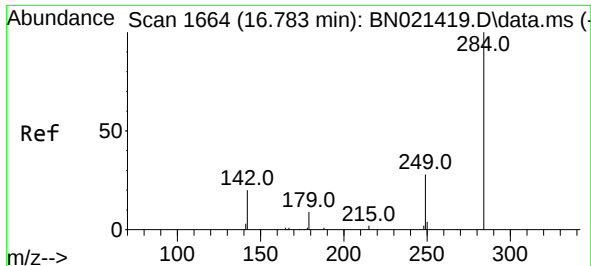
Tgt Ion:188 Resp: 17439  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.8 9.5 14.3



#21  
4-Bromophenyl-phenylether  
Concen: 0.320 ng  
RT: 16.659 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

Tgt Ion:248 Resp: 3488  
Ion Ratio Lower Upper  
248 100  
250 99.0 81.8 122.6  
141 58.0 38.5 57.7#

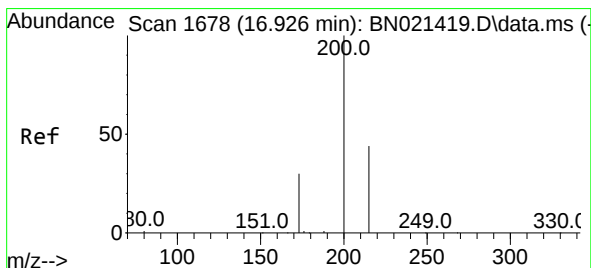
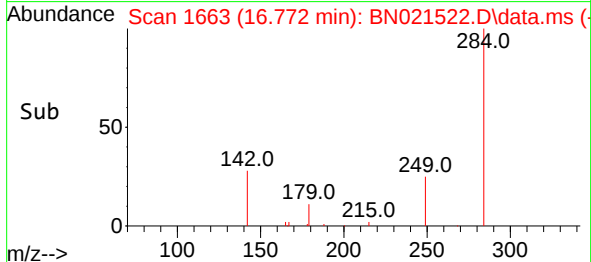
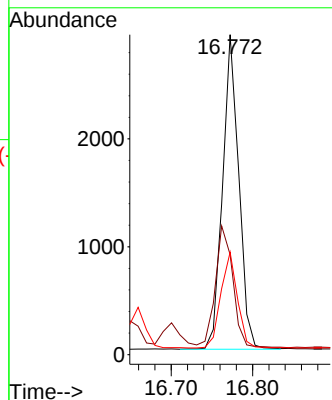
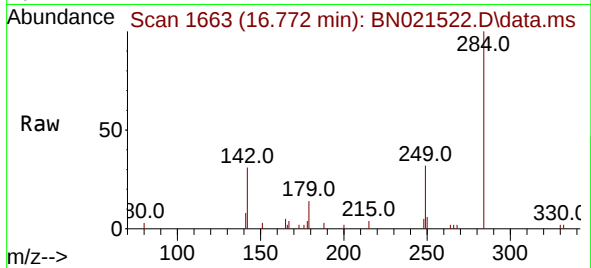




#22  
Hexachlorobenzene  
Concen: 0.301 ng  
RT: 16.772 min Scan# 1663  
Delta R.T. 0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

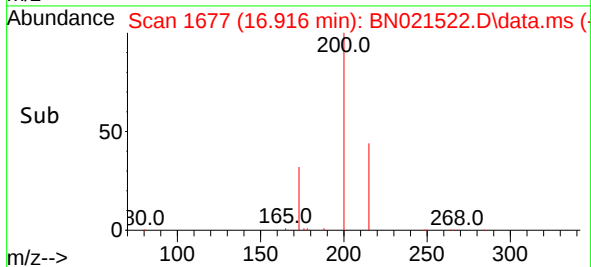
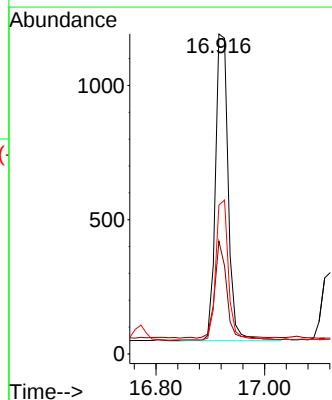
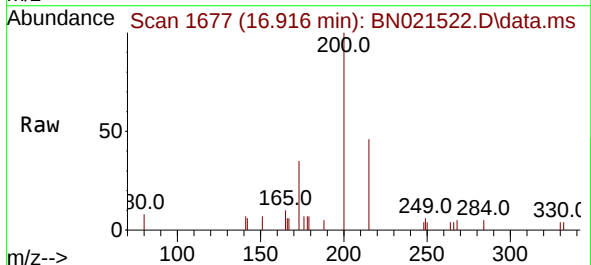
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20220823MSD

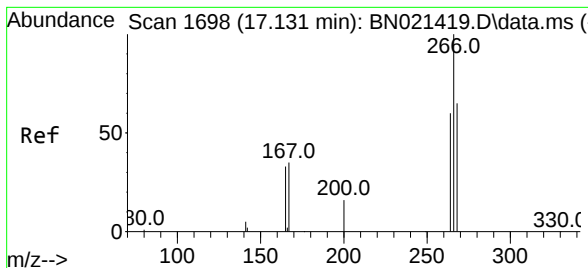
Tgt Ion:284 Resp: 4019  
Ion Ratio Lower Upper  
284 100  
142 41.2 32.3 48.5  
249 31.2 25.4 38.2



#23  
Atrazine  
Concen: 0.294 ng  
RT: 16.916 min Scan# 1677  
Delta R.T. -0.010 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

Tgt Ion:200 Resp: 1870  
Ion Ratio Lower Upper  
200 100  
173 35.2 24.3 36.5  
215 46.5 38.4 57.6





#24

Pentachlorophenol

Concen: 0.811 ng

RT: 17.121 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN021522.D

Acq: 01 Sep 2022 12:25

Instrument :

BNA\_N

ClientSampleId :

TT172S1-20220823MSD

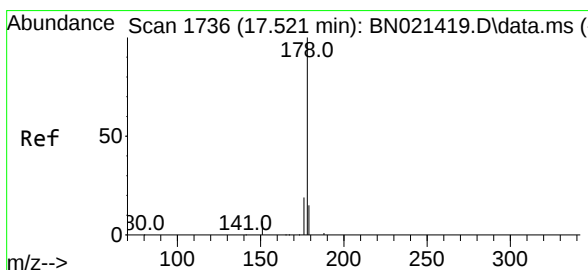
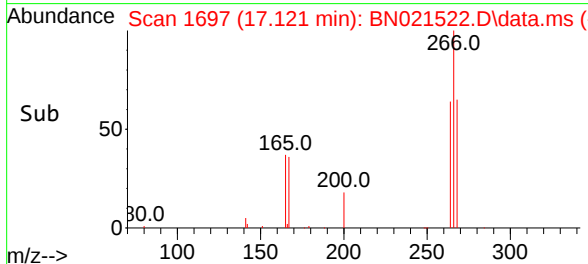
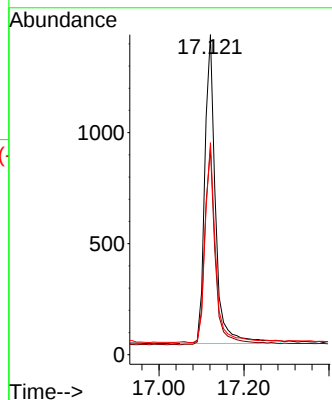
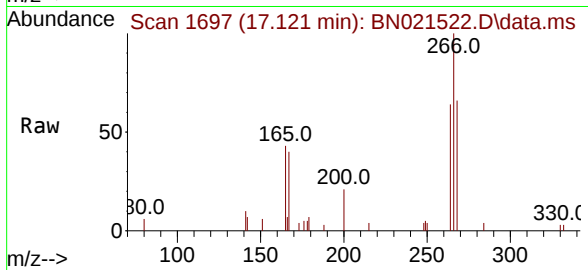
Tgt Ion:266 Resp: 2438

Ion Ratio Lower Upper

266 100

264 63.4 49.0 73.6

268 62.5 50.9 76.3



#25

Phenanthrene

Concen: 0.338 ng

RT: 17.511 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BN021522.D

Acq: 01 Sep 2022 12:25

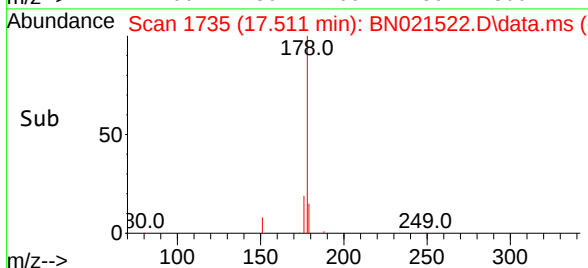
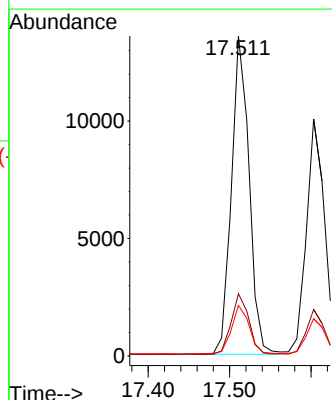
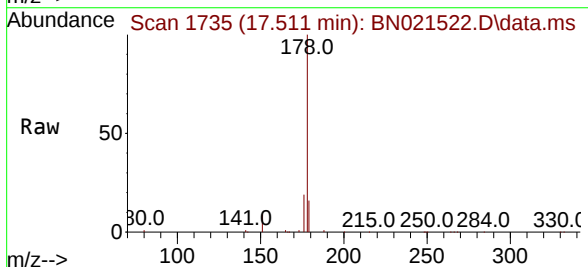
Tgt Ion:178 Resp: 20336

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.5 12.2 18.4

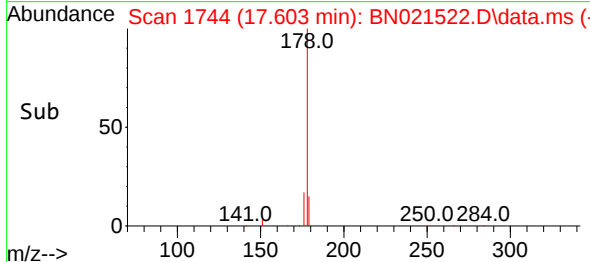
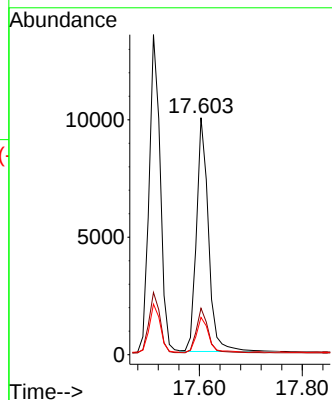
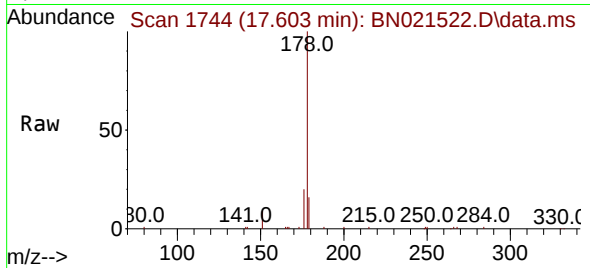




#26  
 Anthracene  
 Concen: 0.336 ng  
 RT: 17.603 min Scan# 1744  
 Delta R.T. -0.000 min  
 Lab File: BN021522.D  
 Acq: 01 Sep 2022 12:25

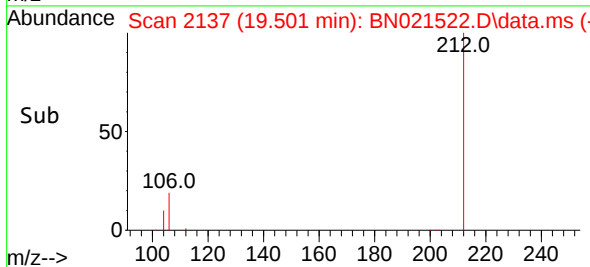
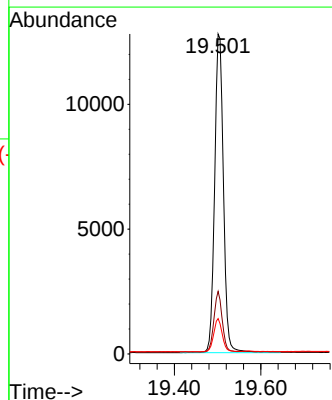
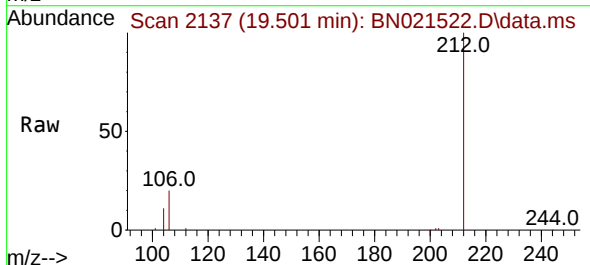
Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20220823MSD

Tgt Ion:178 Resp: 16061  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 14.6 22.0  
 179 15.1 12.2 18.2



#27  
 Fluoranthene-d10  
 Concen: 0.401 ng  
 RT: 19.501 min Scan# 2137  
 Delta R.T. -0.000 min  
 Lab File: BN021522.D  
 Acq: 01 Sep 2022 12:25

Tgt Ion:212 Resp: 17998  
 Ion Ratio Lower Upper  
 212 100  
 106 17.8 14.2 21.2  
 104 10.0 7.8 11.6

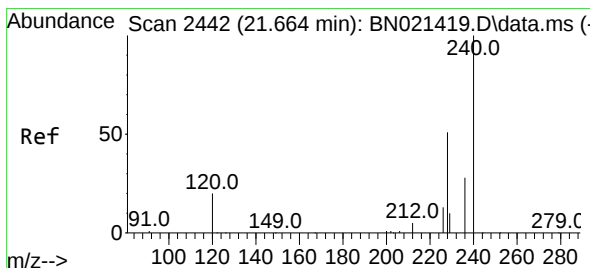
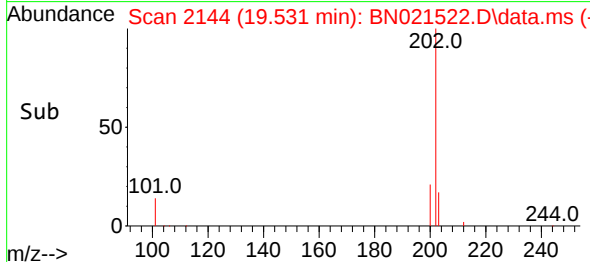
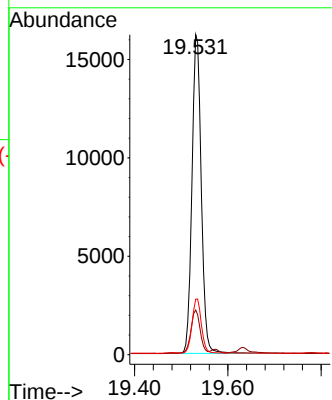
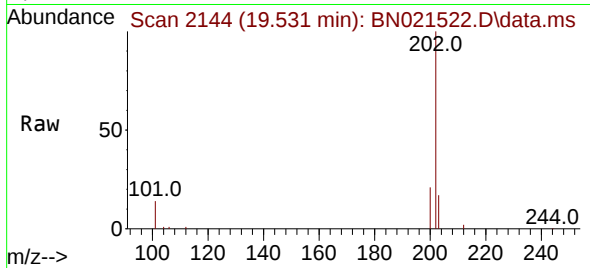




#28  
Fluoranthene  
Concen: 0.358 ng  
RT: 19.531 min Scan# 2144  
Delta R.T. 0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

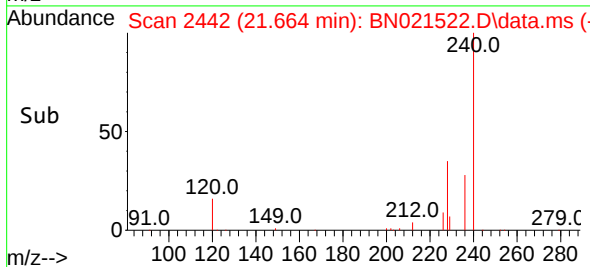
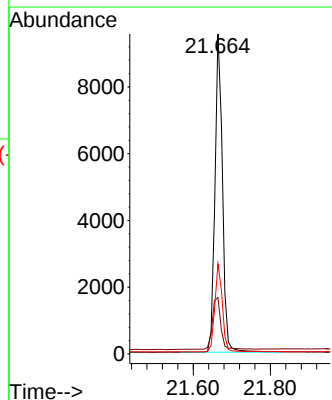
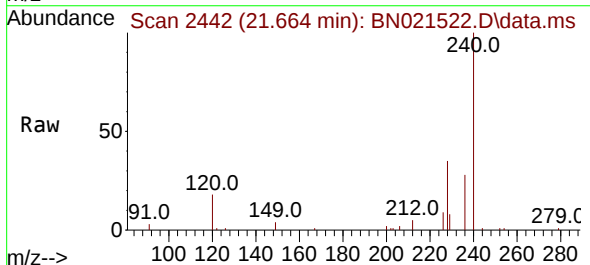
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20220823MSD

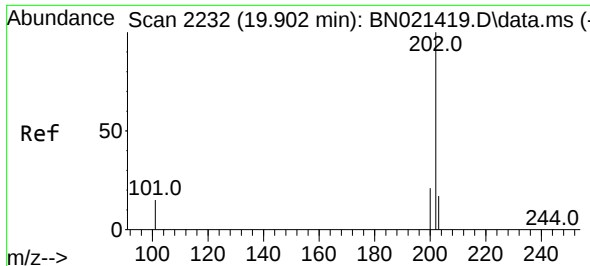
Tgt Ion:202 Resp: 22378  
Ion Ratio Lower Upper  
202 100  
101 13.7 10.9 16.3  
203 16.9 13.8 20.6



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.664 min Scan# 2442  
Delta R.T. 0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

Tgt Ion:240 Resp: 12780  
Ion Ratio Lower Upper  
240 100  
120 17.6 10.2 15.4#  
236 28.2 22.1 33.1

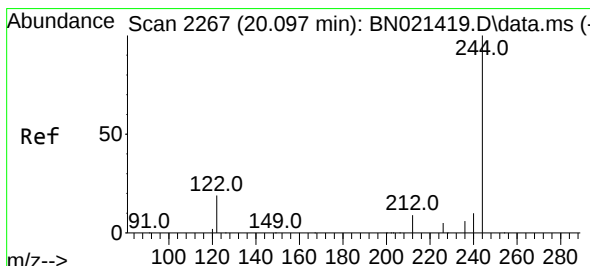
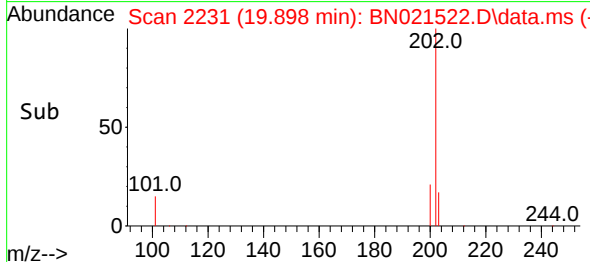
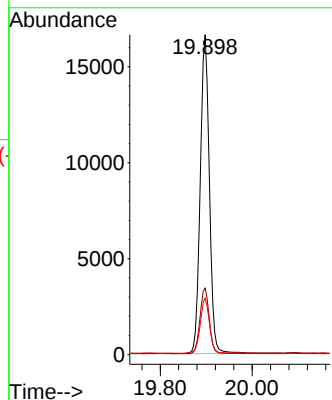
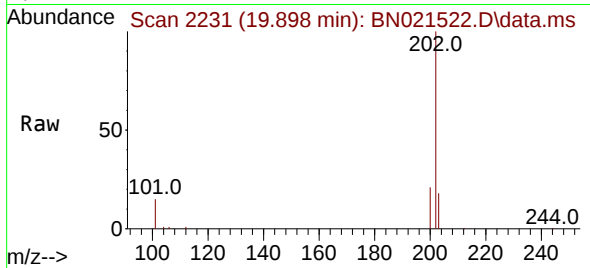




#30  
Pyrene  
Concen: 0.384 ng  
RT: 19.898 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

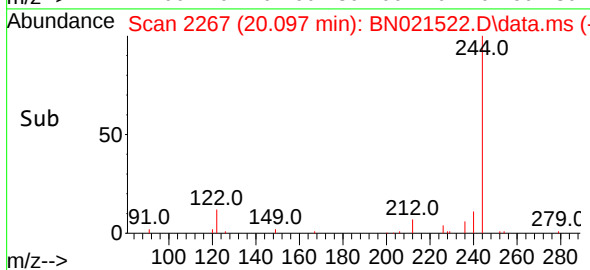
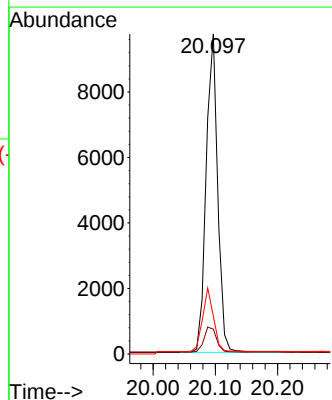
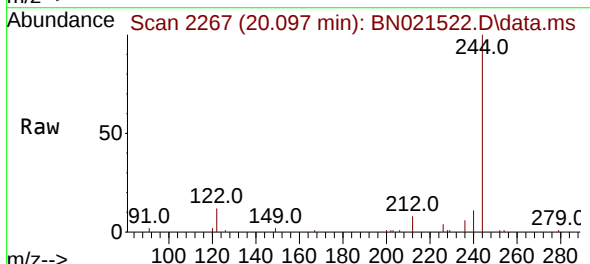
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20220823MSD

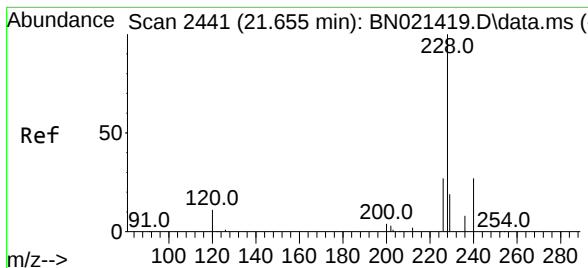
Tgt Ion:202 Resp: 26188  
Ion Ratio Lower Upper  
202 100  
200 18.1 13.9 20.9  
203 15.2 11.9 17.9



#31  
Terphenyl-d14  
Concen: 0.435 ng  
RT: 20.097 min Scan# 2267  
Delta R.T. -0.000 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

Tgt Ion:244 Resp: 12487  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.5 9.7  
122 11.9 9.1 13.7





#32

Benzo(a)anthracene

Concen: 0.386 ng

RT: 21.646 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BN021522.D

Acq: 01 Sep 2022 12:25

Instrument :

BNA\_N

ClientSampleId :

TT172S1-20220823MSD

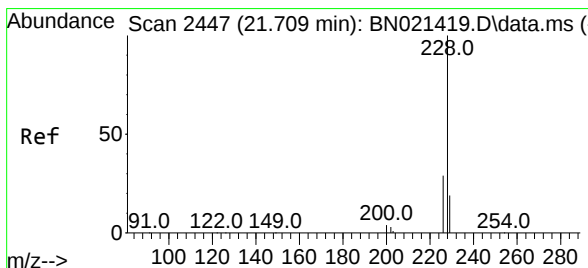
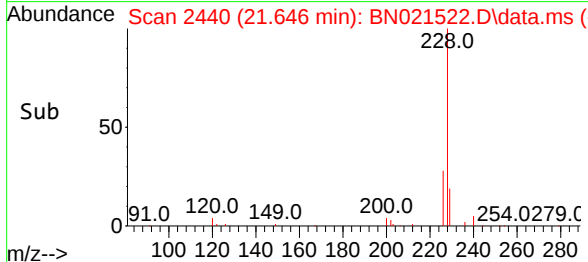
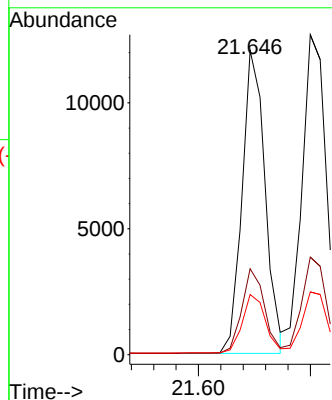
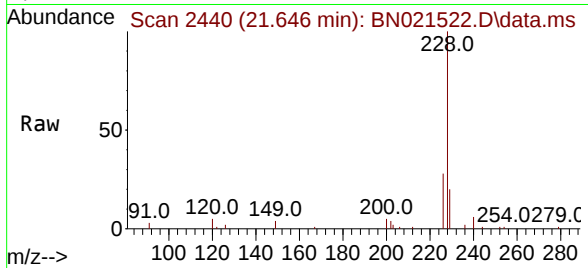
Tgt Ion:228 Resp: 17176

Ion Ratio Lower Upper

228 100

226 28.2 22.0 33.0

229 19.8 15.9 23.9



#33

Chrysene

Concen: 0.363 ng

RT: 21.700 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BN021522.D

Acq: 01 Sep 2022 12:25

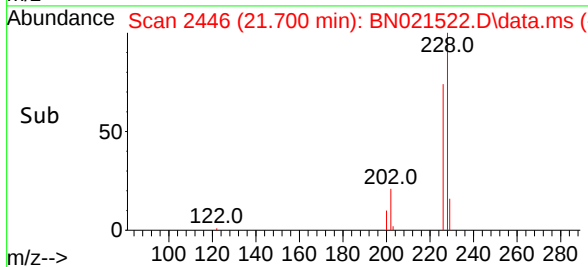
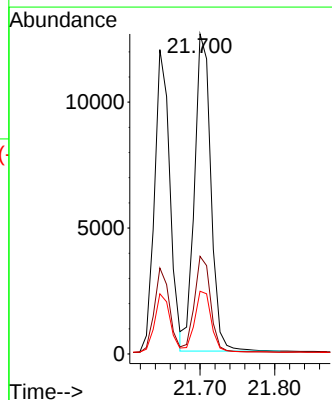
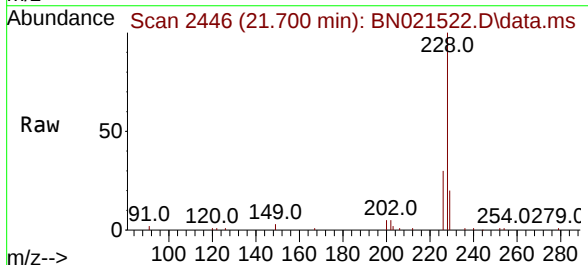
Tgt Ion:228 Resp: 19230

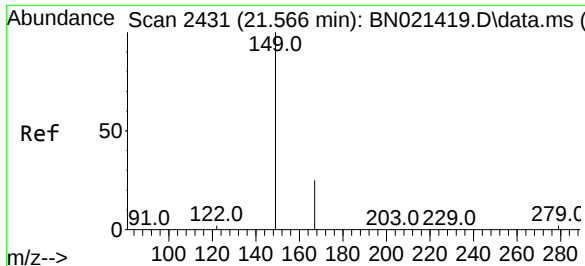
Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.2

229 19.6 15.9 23.9

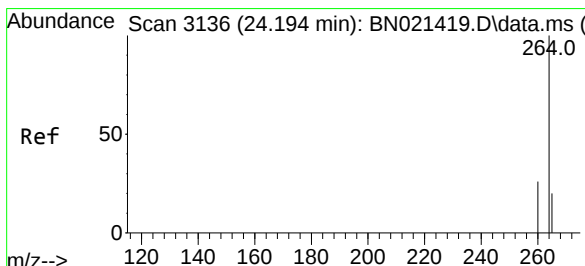
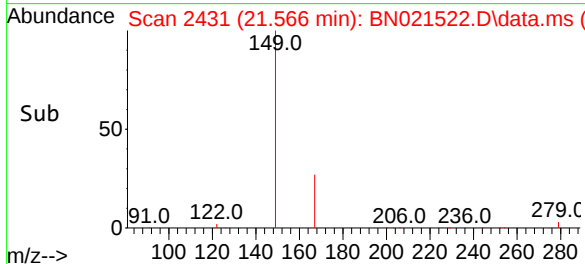
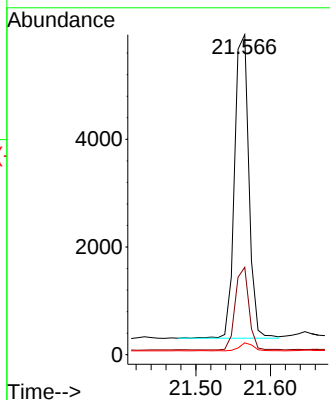
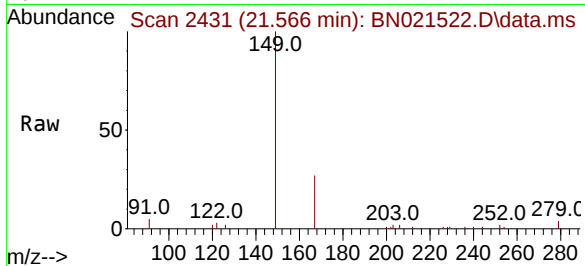




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.419 ng  
 RT: 21.566 min Scan# 2431  
 Delta R.T. 0.009 min  
 Lab File: BN021522.D  
 Acq: 01 Sep 2022 12:25

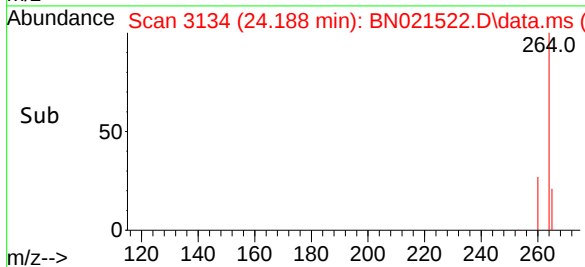
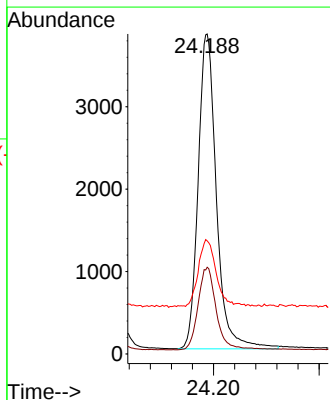
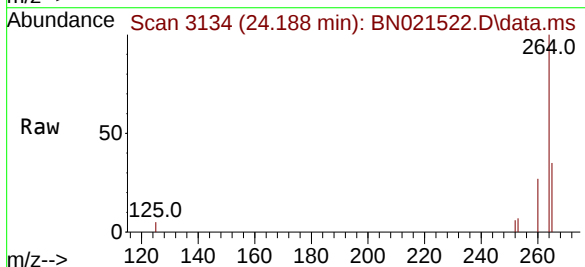
Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20220823MSD

Tgt Ion:149 Resp: 7513  
 Ion Ratio Lower Upper  
 149 100  
 167 25.8 21.4 32.0  
 279 2.5 2.2 3.2



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.188 min Scan# 3134  
 Delta R.T. 0.003 min  
 Lab File: BN021522.D  
 Acq: 01 Sep 2022 12:25

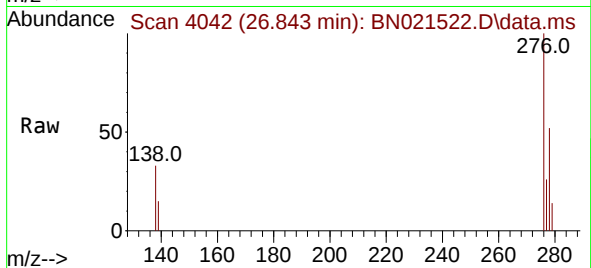
Tgt Ion:264 Resp: 9171  
 Ion Ratio Lower Upper  
 264 100  
 260 27.1 21.0 31.6  
 265 35.3 32.2 48.2





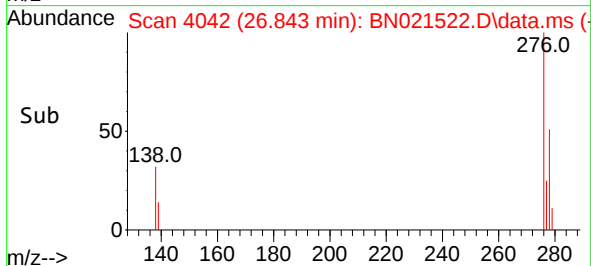
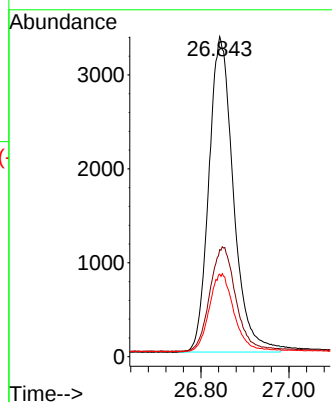
#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.314 ng  
RT: 26.843 min Scan# 4044  
Delta R.T. 0.003 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20220823MSD



Tgt Ion: 276 Resp: 13009

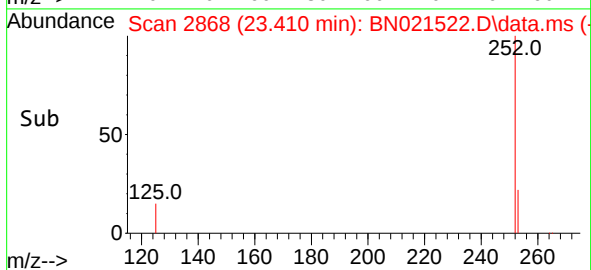
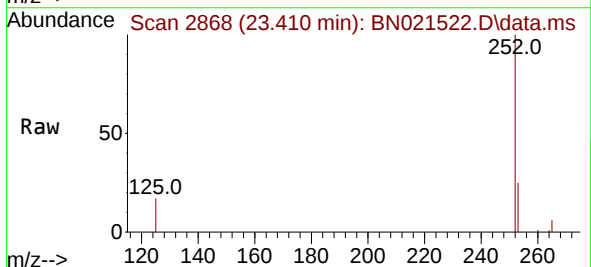
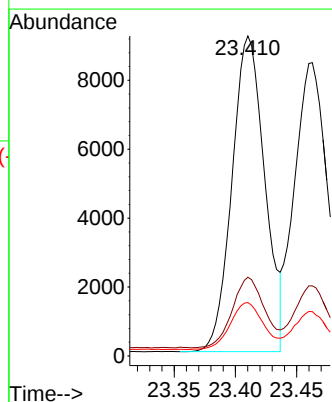
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 35.1  | 27.4  | 41.2  |
| 277 | 24.8  | 19.9  | 29.9  |



#37  
Benzo(b)fluoranthene  
Concen: 0.378 ng  
RT: 23.410 min Scan# 2868  
Delta R.T. 0.003 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

Tgt Ion: 252 Resp: 17084

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.6  | 19.8  | 29.6  |
| 125 | 16.7  | 13.7  | 20.5  |

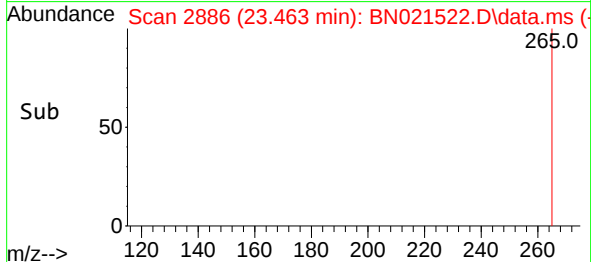
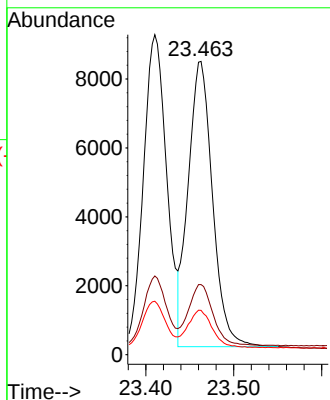
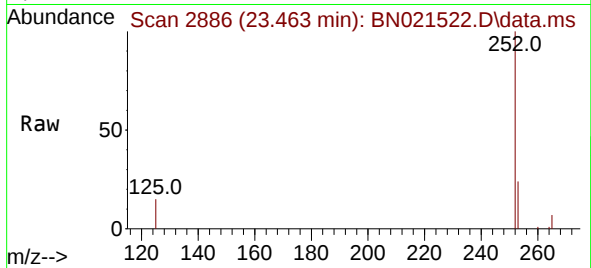




#38  
Benzo(k)fluoranthene  
Concen: 0.350 ng  
RT: 23.463 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

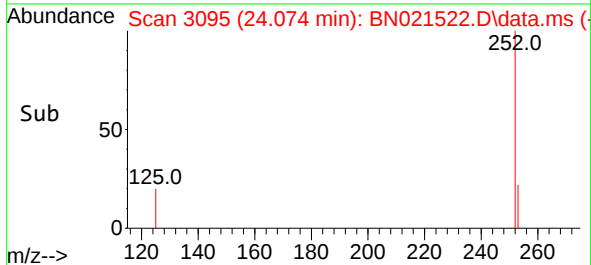
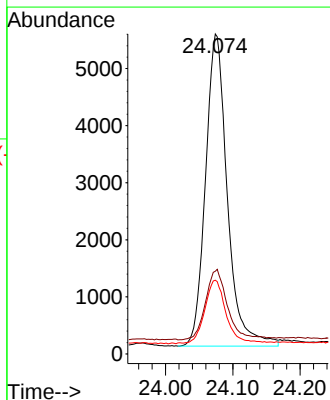
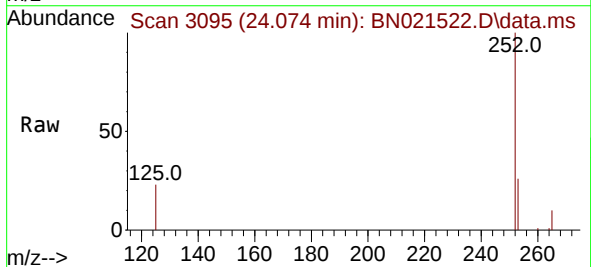
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20220823MSD

Tgt Ion:252 Resp: 15934  
Ion Ratio Lower Upper  
252 100  
253 23.9 19.5 29.3  
125 15.1 12.3 18.5



#39  
Benzo(a)pyrene  
Concen: 0.391 ng  
RT: 24.074 min Scan# 3095  
Delta R.T. 0.006 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

Tgt Ion:252 Resp: 12333  
Ion Ratio Lower Upper  
252 100  
253 25.8 21.1 31.7  
125 23.1 16.6 25.0

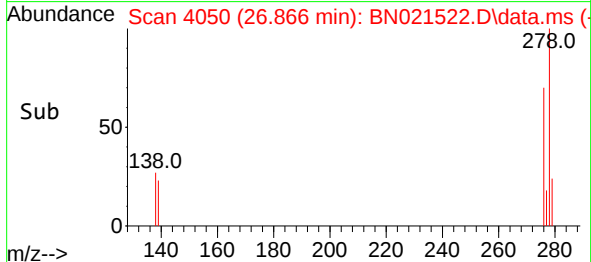
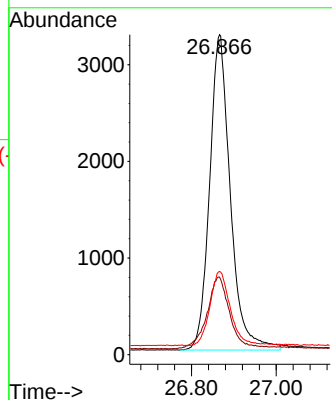
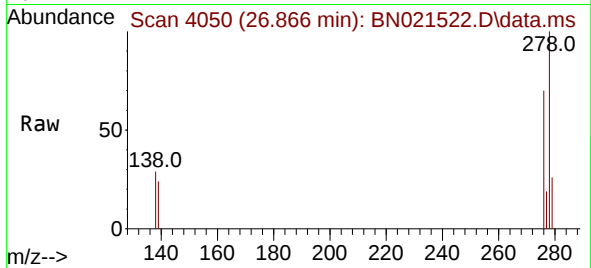




#40  
Dibenzo(a,h)anthracene  
Concen: 0.333 ng  
RT: 26.866 min Scan# 4053  
Delta R.T. 0.009 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20220823MSD

Tgt Ion:278 Resp: 11095  
Ion Ratio Lower Upper  
278 100  
139 24.3 21.8 32.6  
279 26.0 20.4 30.6



#41  
Benzo(g,h,i)perylene  
Concen: 0.294 ng  
RT: 27.658 min Scan# 4321  
Delta R.T. 0.006 min  
Lab File: BN021522.D  
Acq: 01 Sep 2022 12:25

Tgt Ion:276 Resp: 10754  
Ion Ratio Lower Upper  
276 100  
277 25.6 19.7 29.5  
138 29.9 23.7 35.5

