

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031122\  
 Data File : BN018914.D  
 Acq On : 10 Mar 2022 22:01  
 Operator : CG/JU  
 Sample : N1862-01MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 V-2-0309-1AMSD

Quant Time: Mar 11 03:05:39 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN030322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 11 03:02:57 2022  
 Response via : Initial Calibration

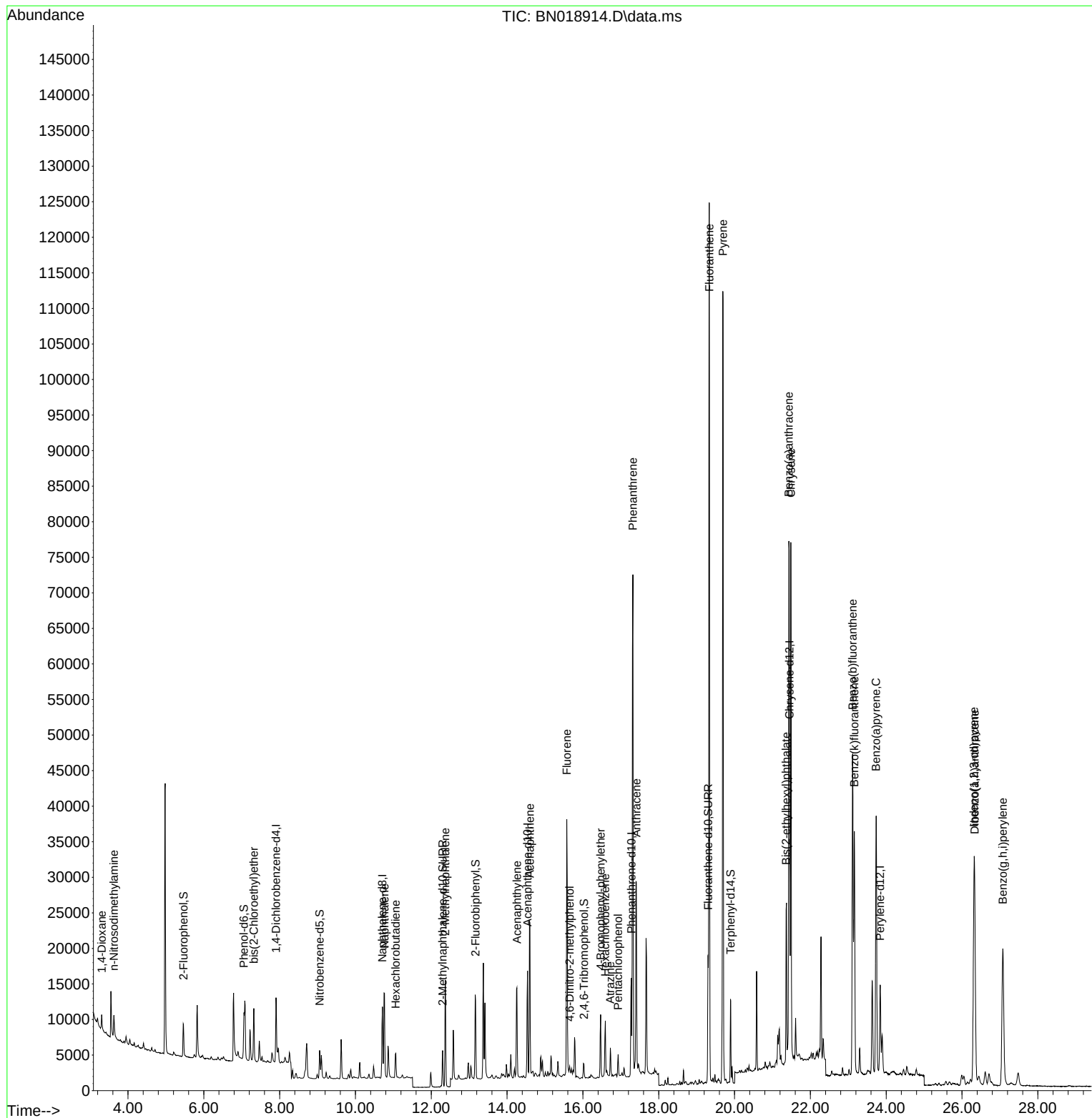
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.905  | 152  | 4365     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.712 | 136  | 12951    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.538 | 164  | 8290     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.277 | 188  | 19240    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.449 | 240  | 19374    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.840 | 264  | 17504    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.464  | 112  | 3891     | 0.408 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.060  | 99   | 5529     | 0.483 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.057  | 82   | 3167     | 0.335 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.299 | 152  | 6761     | 0.320 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.025 | 330  | 1239     | 0.324 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.169 | 172  | 10899    | 0.307 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.303 | 212  | 19638    | 0.347 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.893 | 244  | 12112    | 0.293 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.311  | 88   | 1304     | 0.267 | ng    | # 79     |
| 3) n-Nitrosodimethylamine     | 3.629  | 42   | 2140     | 0.415 | ng    | # 98     |
| 6) bis(2-Chloroethyl)ether    | 7.320  | 93   | 5183     | 0.419 | ng    | 99       |
| 9) Naphthalene                | 10.765 | 128  | 16744    | 0.451 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.064 | 225  | 2854     | 0.338 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.370 | 142  | 10462    | 0.405 | ng    | 98       |
| 16) Acenaphthylene            | 14.260 | 152  | 15245    | 0.403 | ng    | 99       |
| 17) Acenaphthene              | 14.602 | 154  | 12471    | 0.465 | ng    | 98       |
| 18) Fluorene                  | 15.575 | 166  | 16549    | 0.474 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.650 | 198  | 915      | 0.370 | ng    | 96       |
| 21) 4-Bromophenyl-phenylether | 16.466 | 248  | 4434     | 0.346 | ng    | # 92     |
| 22) Hexachlorobenzene         | 16.589 | 284  | 5152     | 0.322 | ng    | 99       |
| 23) Atrazine                  | 16.723 | 200  | 3040     | 0.402 | ng    | 97       |
| 24) Pentachlorophenol         | 16.928 | 266  | 1444     | 0.469 | ng    | 99       |
| 25) Phenanthrene              | 17.318 | 178  | 76953    | 1.204 | ng    | 100      |
| 26) Anthracene                | 17.410 | 178  | 34207    | 0.636 | ng    | 99       |
| 28) Fluoranthene              | 19.333 | 202  | 109673   | 1.510 | ng    | 99       |
| 30) Pyrene                    | 19.695 | 202  | 100433   | 1.161 | ng    | 97       |
| 32) Benzo(a)anthracene        | 21.431 | 228  | 64828    | 0.891 | ng    | 99       |
| 33) Chrysene                  | 21.485 | 228  | 59549    | 0.745 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.360 | 149  | 16920    | 0.376 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.316 | 276  | 45416    | 0.577 | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 23.115 | 252  | 65027    | 0.798 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.159 | 252  | 43528    | 0.541 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.735 | 252  | 55266    | 0.883 | ng    | 95       |
| 40) Dibenzo(a,h)anthracene    | 26.334 | 278  | 27354    | 0.454 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 27.076 | 276  | 42872    | 0.662 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

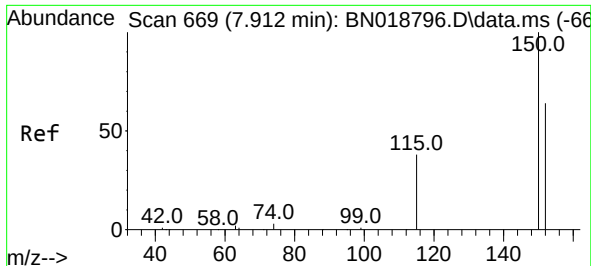
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N1862-01MSD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
V-2-0309-1AMSD

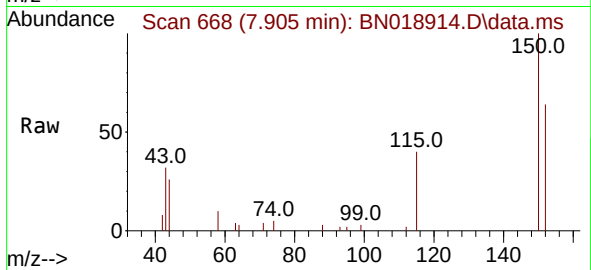
Quant Time: Mar 11 03:05:39 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN030322.M  
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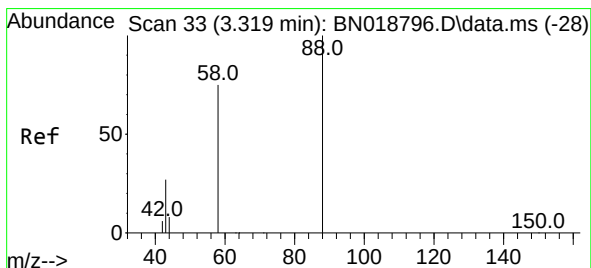
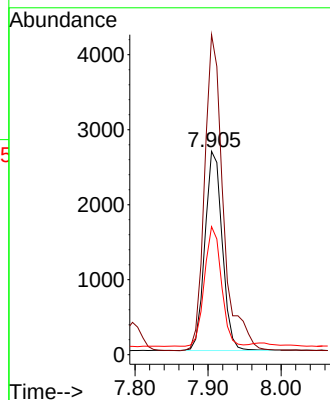
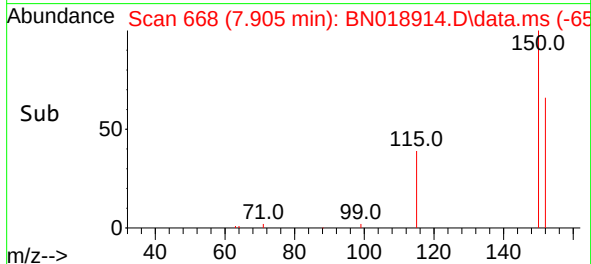


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.905 min Scan# 6  
 Delta R.T. -0.007 min  
 Lab File: BN018914.D  
 Acq: 10 Mar 2022 22:01

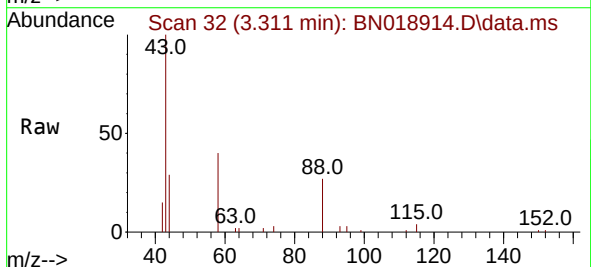
Instrument :  
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 ClientSampleId :  
 V-2-0309-1AMSD



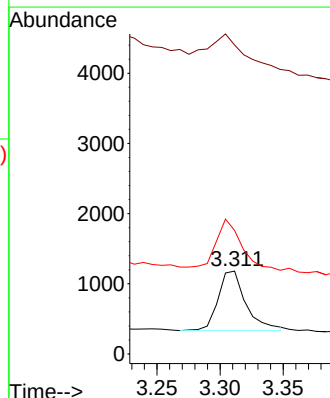
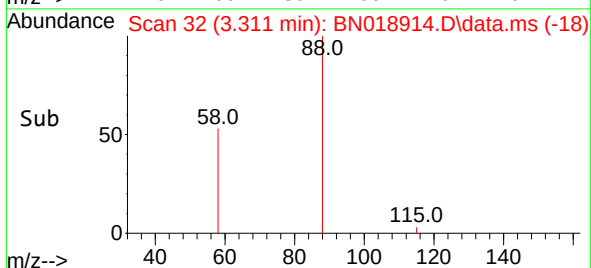
Tgt Ion:152 Resp: 4365  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 123.9 185.9  
 115 63.0 48.2 72.4

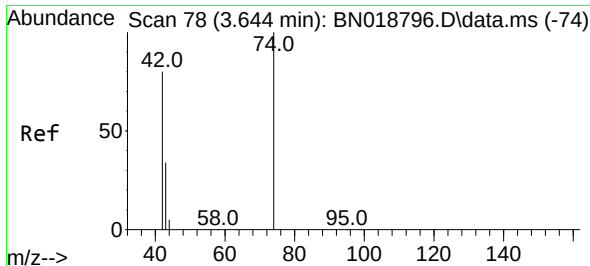


#2  
 1,4-Dioxane  
 Concen: 0.267 ng  
 RT: 3.311 min Scan# 32  
 Delta R.T. -0.000 min  
 Lab File: BN018914.D  
 Acq: 10 Mar 2022 22:01



Tgt Ion: 88 Resp: 1304  
 Ion Ratio Lower Upper  
 88 100  
 43 68.3 24.6 37.0#  
 58 79.2 65.4 98.2

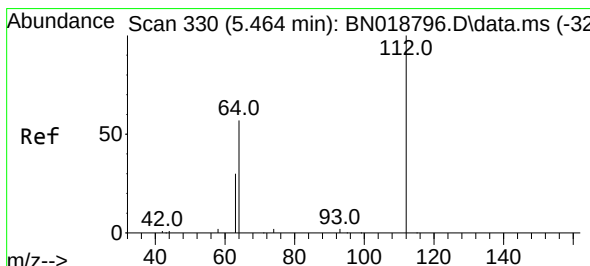
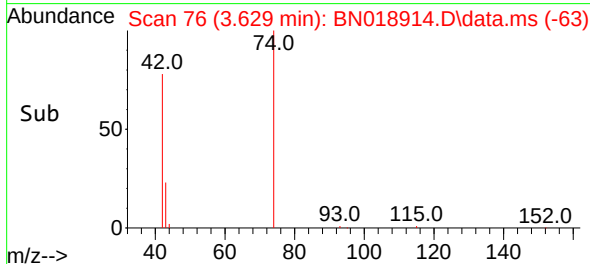
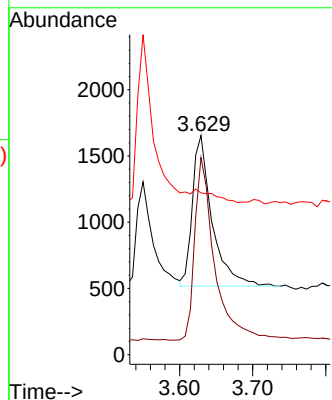
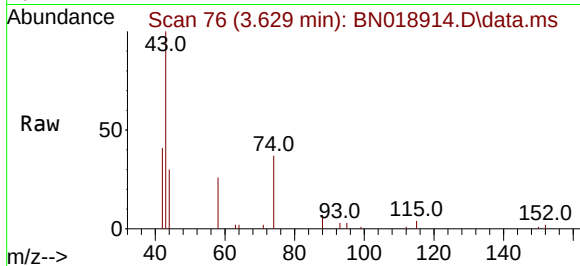




#3  
n-Nitrosodimethylamine  
Concen: 0.415 ng  
RT: 3.629 min Scan# 70  
Delta R.T. -0.007 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

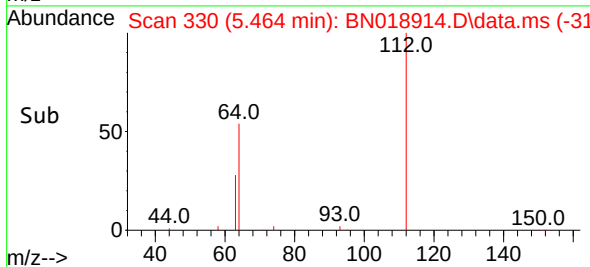
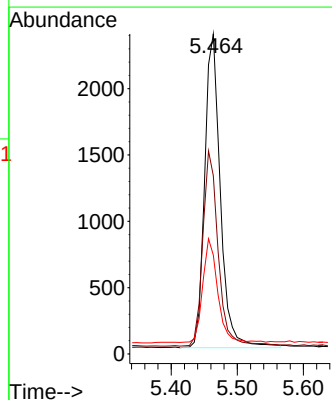
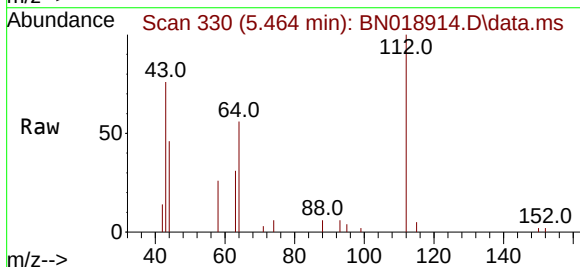
Instrument :  
BNA\_N  
ClientSampleId :  
V-2-0309-1AMSD

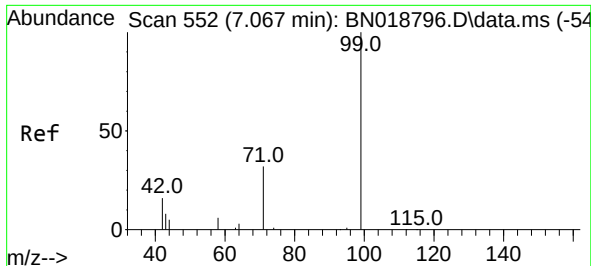
Tgt Ion: 42 Resp: 2140  
Ion Ratio Lower Upper  
42 100  
74 121.0 96.9 145.3  
44 0.0 7.3 10.9#



#4  
2-Fluorophenol  
Concen: 0.408 ng  
RT: 5.464 min Scan# 330  
Delta R.T. 0.007 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

Tgt Ion: 112 Resp: 3891  
Ion Ratio Lower Upper  
112 100  
64 61.5 47.8 71.8  
63 31.6 25.7 38.5

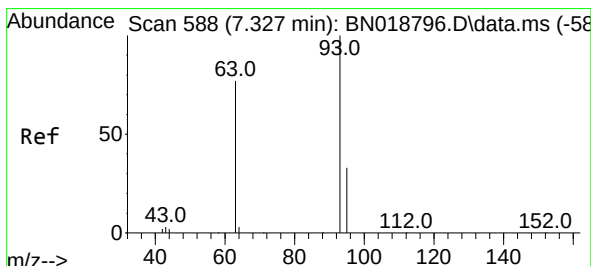
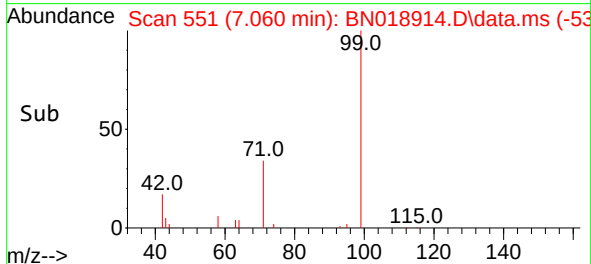
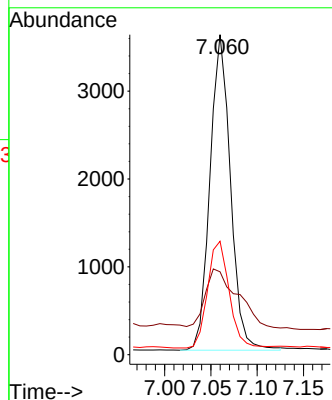
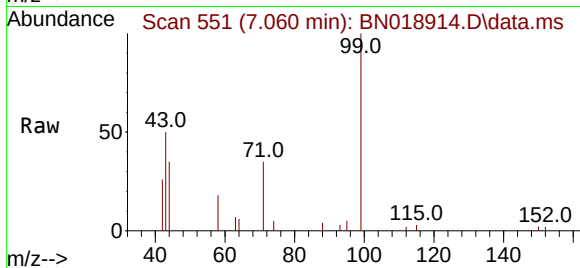




#5  
Phenol-d6  
Concen: 0.483 ng  
RT: 7.060 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

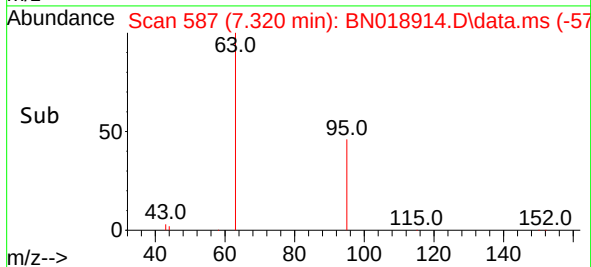
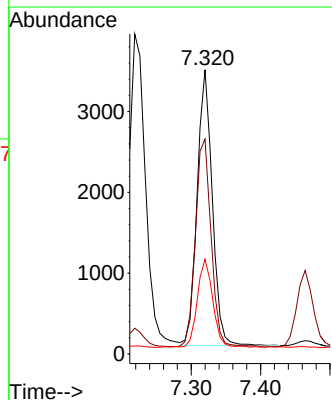
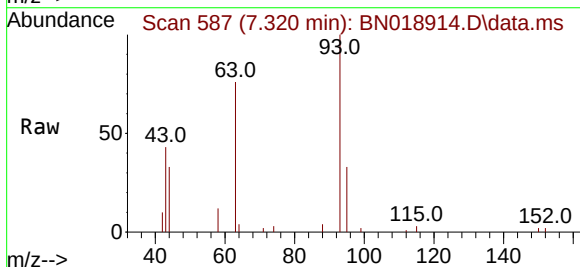
Instrument :  
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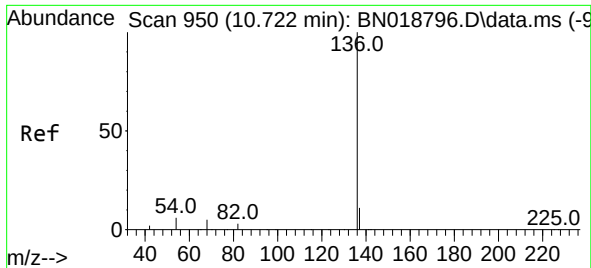
Tgt Ion: 99 Resp: 5529  
Ion Ratio Lower Upper  
99 100  
42 29.2 16.2 24.4#  
71 35.7 27.7 41.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.419 ng  
RT: 7.320 min Scan# 587  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

Tgt Ion: 93 Resp: 5183  
Ion Ratio Lower Upper  
93 100  
63 77.5 62.8 94.2  
95 32.9 26.2 39.4

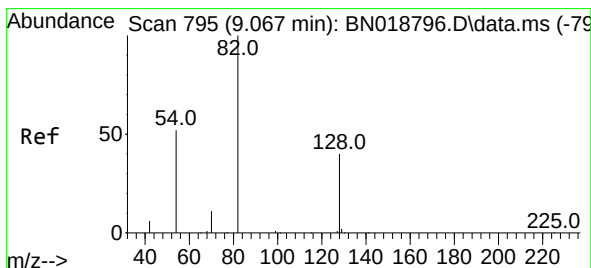
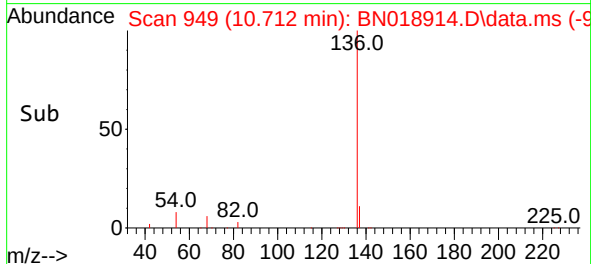
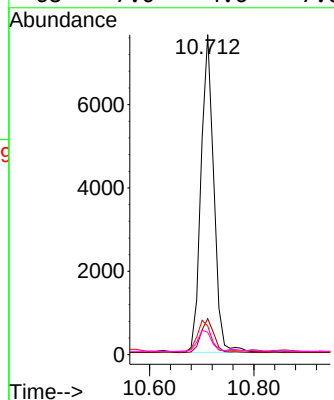
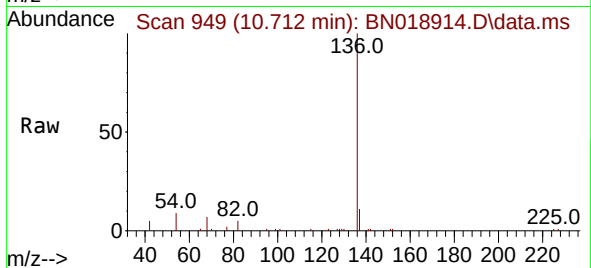




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.712 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

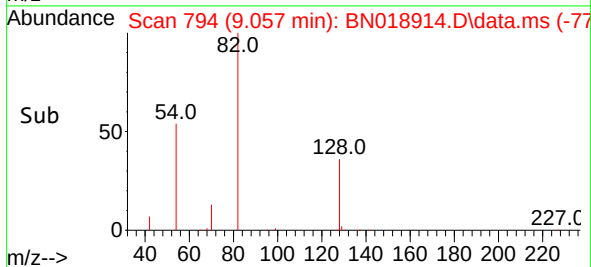
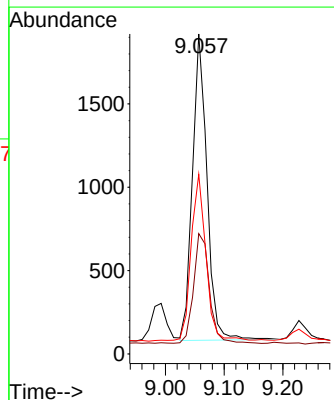
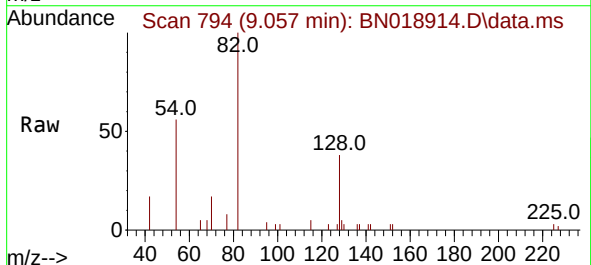
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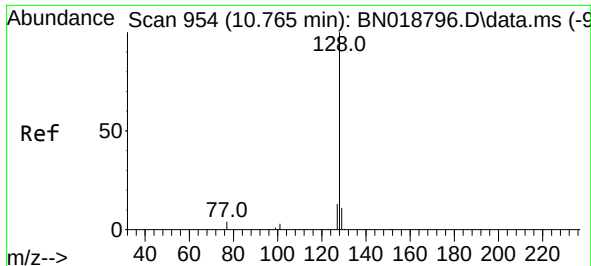
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 12951 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 9.0   | 13.4  |
| 54        | 8.9   | 5.8   | 8.6#  |
| 68        | 7.0   | 4.6   | 7.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.335 ng  
RT: 9.057 min Scan# 794  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3167 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 37.6  | 33.0  | 49.6 |
| 54        | 56.1  | 42.5  | 63.7 |

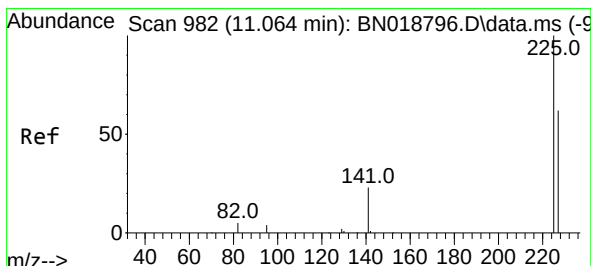
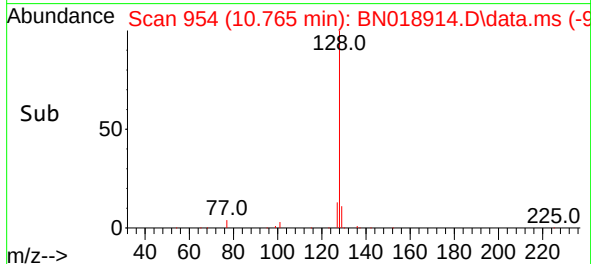
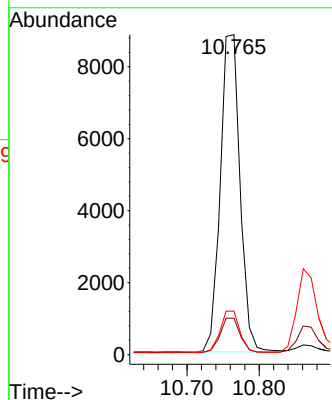
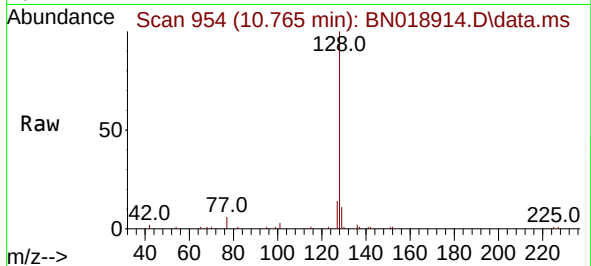




#9  
Naphthalene  
Concen: 0.451 ng  
RT: 10.765 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

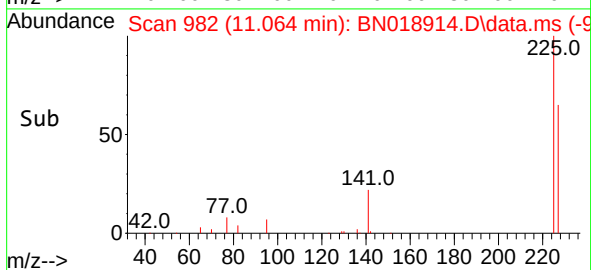
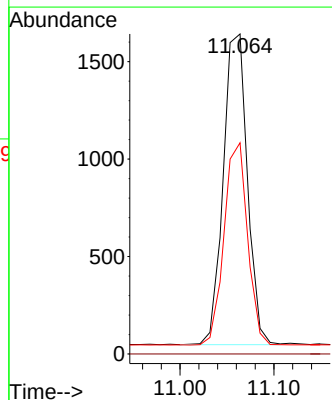
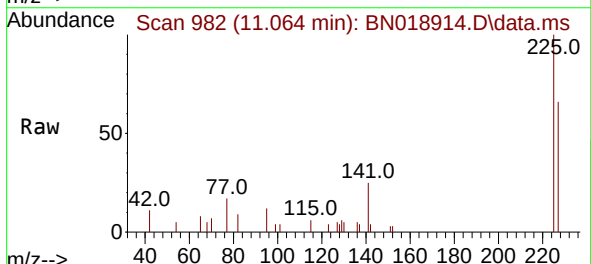
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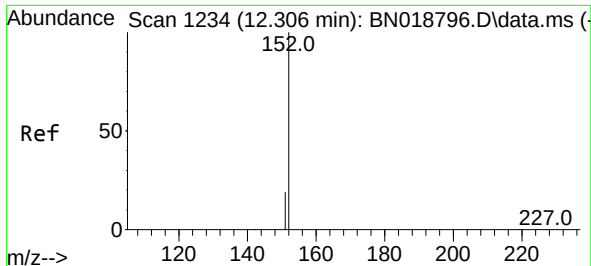
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Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.4  
127 13.6 10.7 16.1



#10  
Hexachlorobutadiene  
Concen: 0.338 ng  
RT: 11.064 min Scan# 982  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

Tgt Ion:225 Resp: 2854  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.4 51.0 76.6

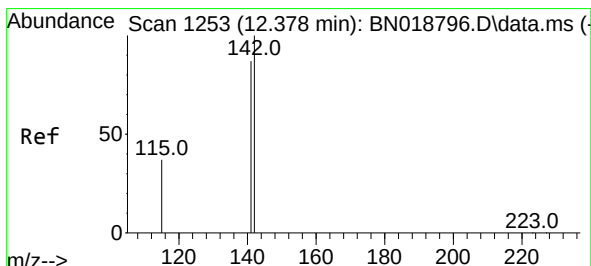
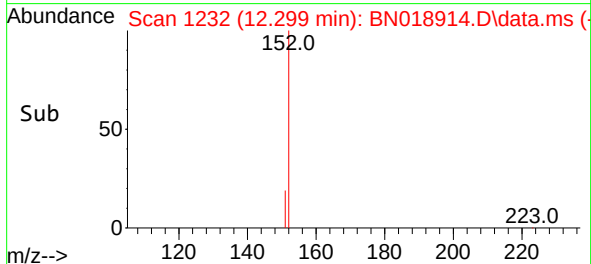
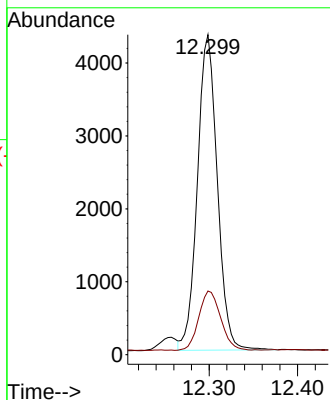
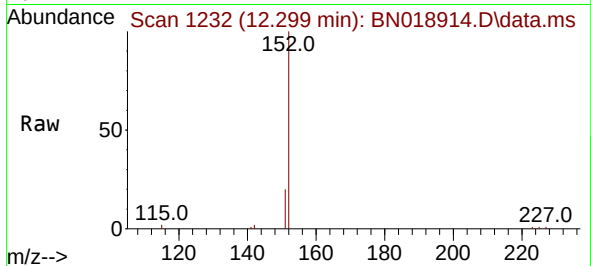




#11  
2-Methylnaphthalene-d10  
Concen: 0.320 ng  
RT: 12.299 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

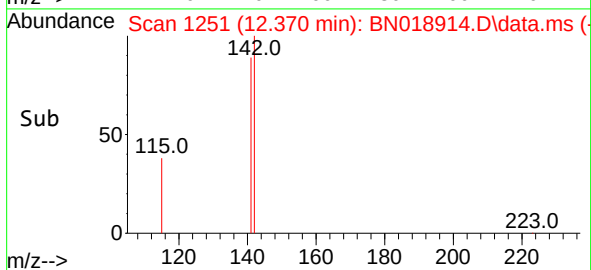
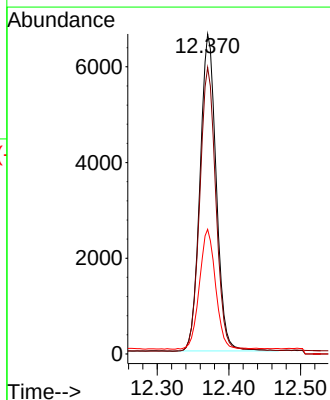
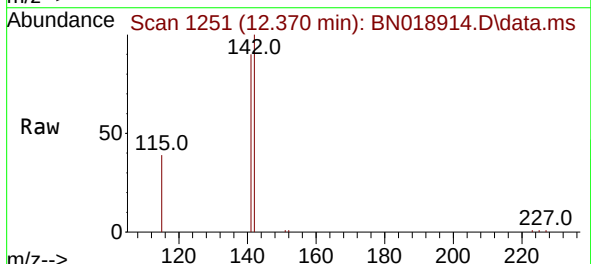
Instrument :  
BNA\_N  
ClientSampleId :  
V-2-0309-1AMSD

Tgt Ion:152 Resp: 6761  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.5 24.7

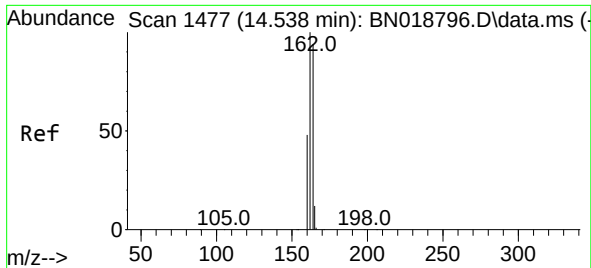


#12  
2-Methylnaphthalene  
Concen: 0.405 ng  
RT: 12.370 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

Tgt Ion:142 Resp: 10462  
Ion Ratio Lower Upper  
142 100  
141 89.5 70.0 105.0  
115 39.0 29.8 44.8



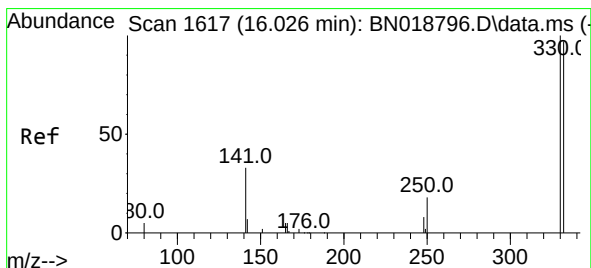
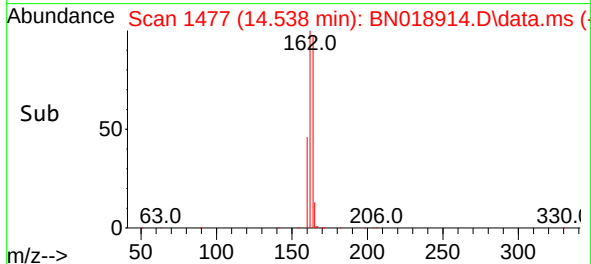
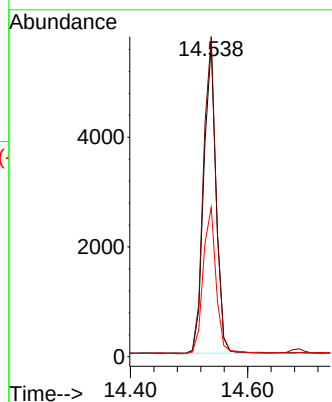
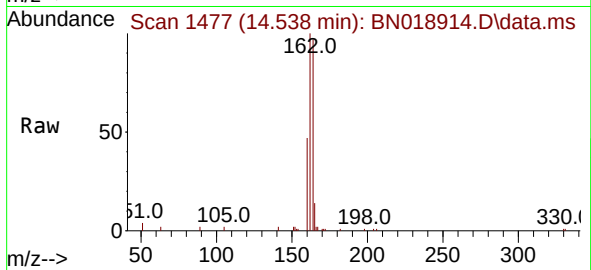




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.538 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

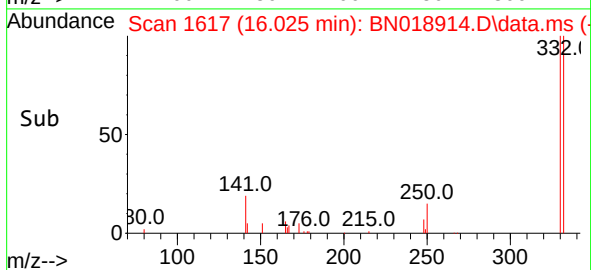
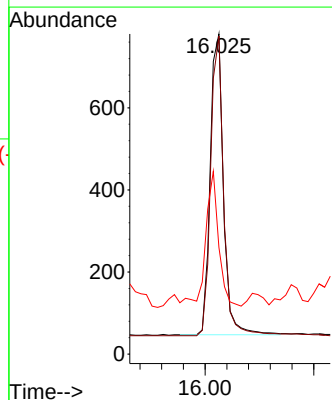
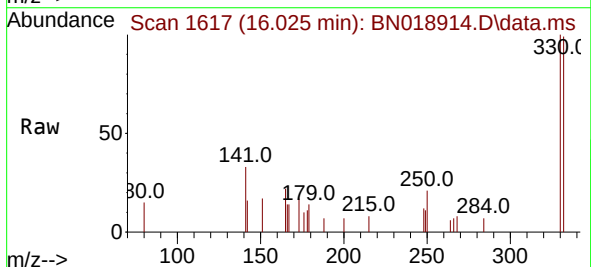
Instrument :  
BNA\_N  
ClientSampleId :  
V-2-0309-1AMSD

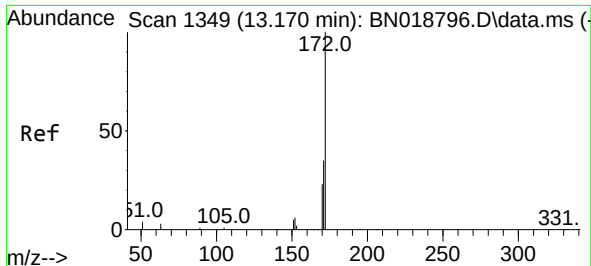
Tgt Ion:164 Resp: 8290  
Ion Ratio Lower Upper  
164 100  
162 102.6 85.2 127.8  
160 47.9 41.5 62.3



#14  
2,4,6-Tribromophenol  
Concen: 0.324 ng  
RT: 16.025 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

Tgt Ion:330 Resp: 1239  
Ion Ratio Lower Upper  
330 100  
332 97.5 76.8 115.2  
141 41.7 32.2 48.2

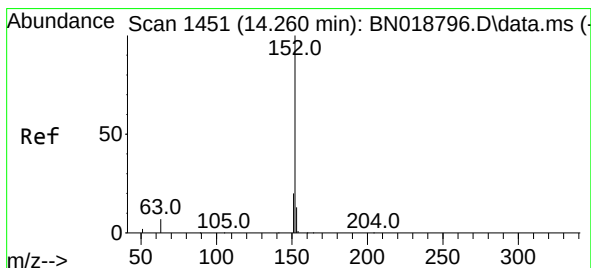
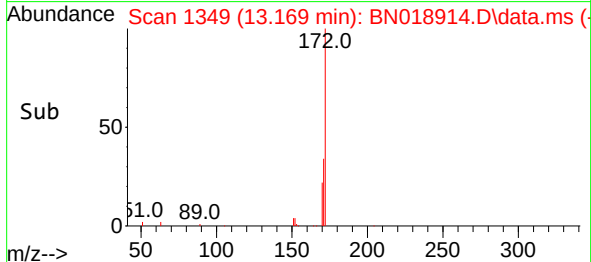
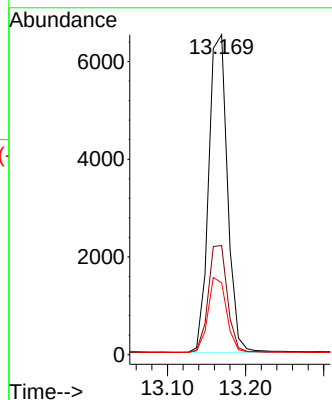
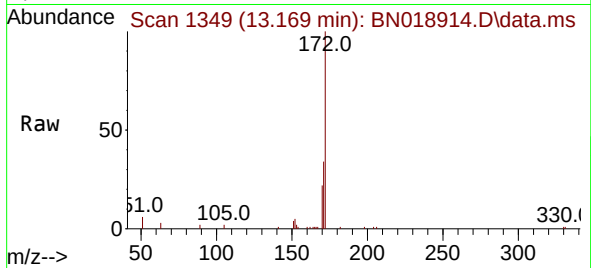




#15  
2-Fluorobiphenyl  
Concen: 0.307 ng  
RT: 13.169 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

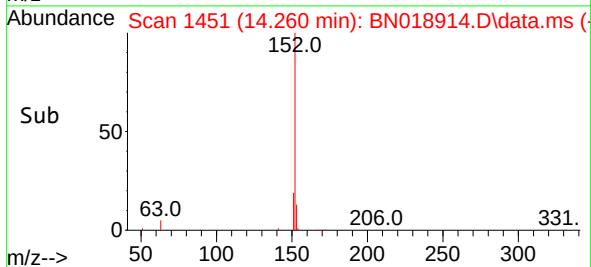
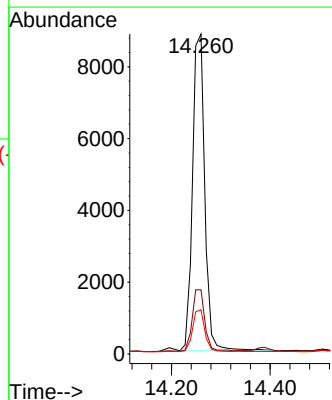
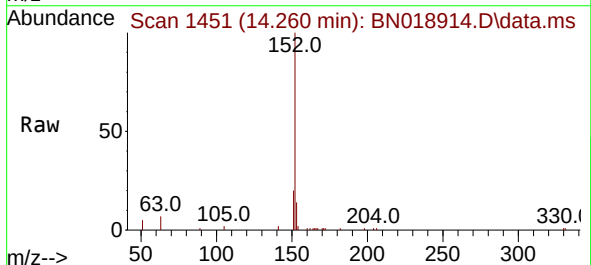
Instrument :  
BNA\_N  
ClientSampleId :  
V-2-0309-1AMSD

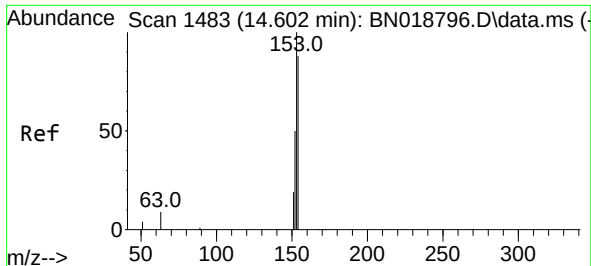
Tgt Ion:172 Resp: 10899  
Ion Ratio Lower Upper  
172 100  
171 34.1 28.2 42.2  
170 22.4 18.7 28.1



#16  
Acenaphthylene  
Concen: 0.403 ng  
RT: 14.260 min Scan# 1451  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

Tgt Ion:152 Resp: 15245  
Ion Ratio Lower Upper  
152 100  
151 20.5 15.9 23.9  
153 13.9 10.6 15.8

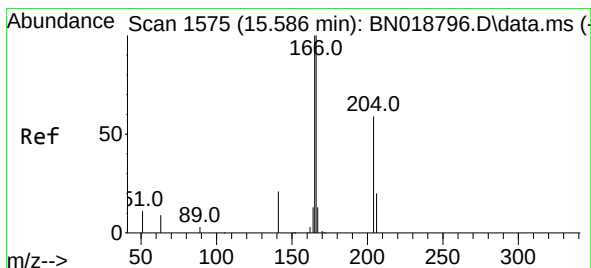
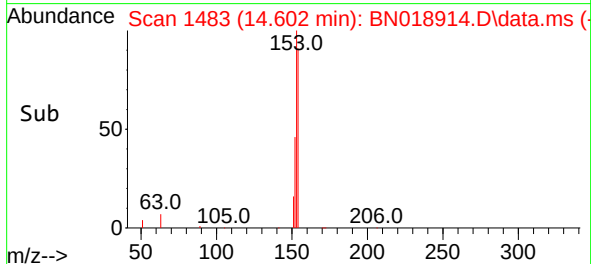
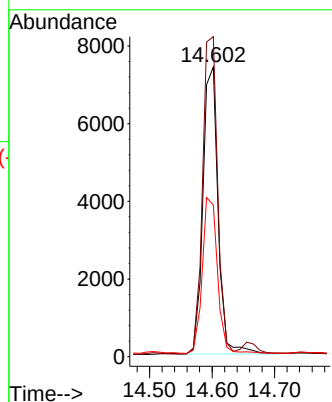
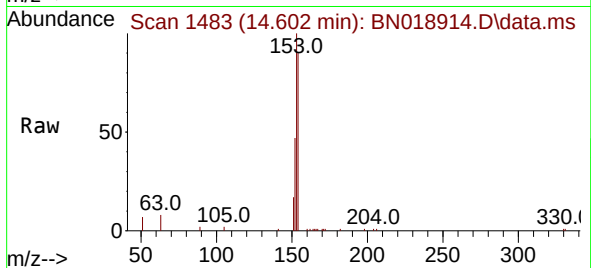




#17  
Acenaphthene  
Concen: 0.465 ng  
RT: 14.602 min Scan# 1483  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

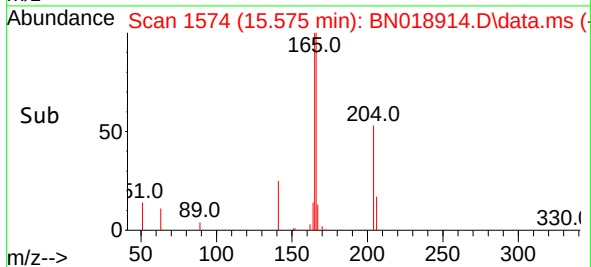
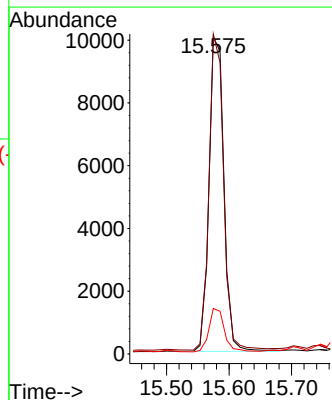
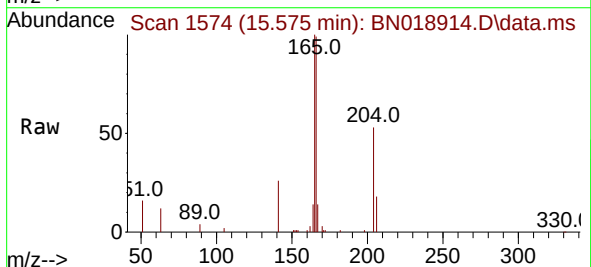
Instrument :  
BNA\_N  
ClientSampleId :  
V-2-0309-1AMSD

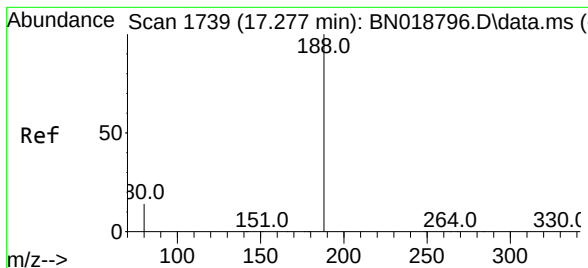
Tgt Ion:154 Resp: 12471  
Ion Ratio Lower Upper  
154 100  
153 109.7 89.7 134.5  
152 54.0 44.7 67.1



#18  
Fluorene  
Concen: 0.474 ng  
RT: 15.575 min Scan# 1574  
Delta R.T. -0.011 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

Tgt Ion:166 Resp: 16549  
Ion Ratio Lower Upper  
166 100  
165 97.8 79.2 118.8  
167 14.4 10.7 16.1

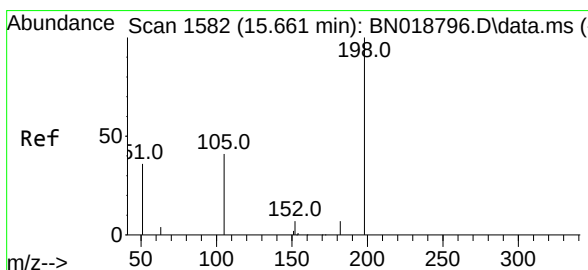
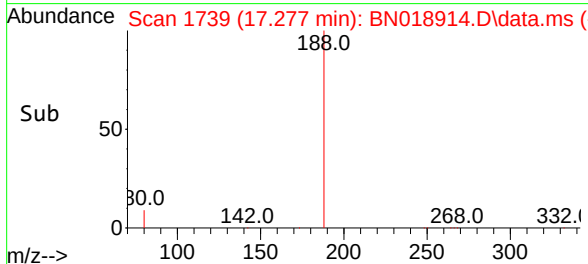
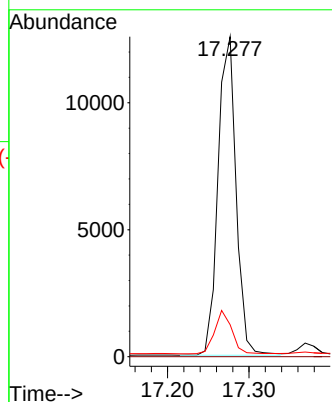
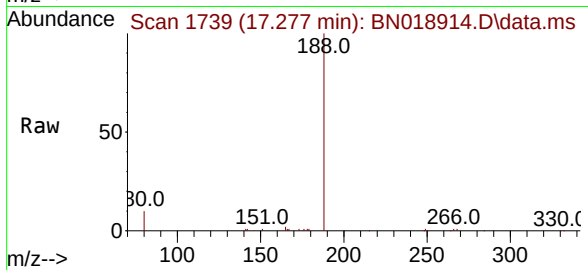




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.277 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

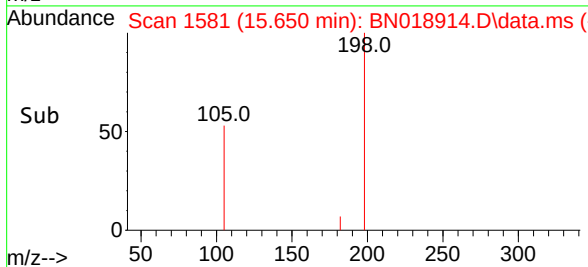
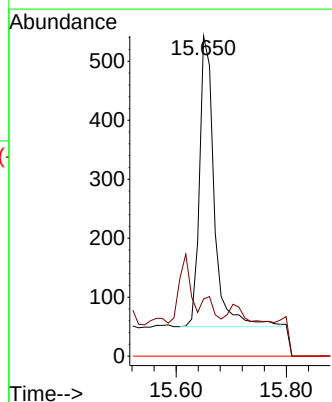
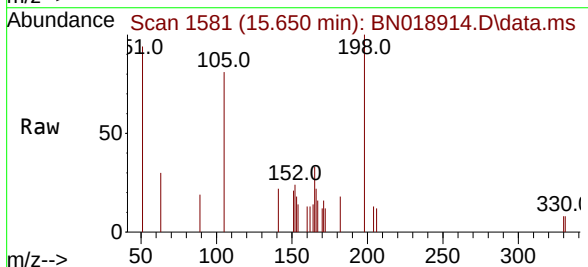
Instrument :  
BNA\_N  
ClientSampleId :  
V-2-0309-1AMSD

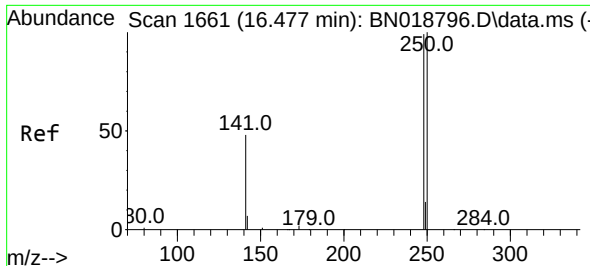
Tgt Ion:188 Resp: 19240  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.0 11.8 17.8#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.370 ng  
RT: 15.650 min Scan# 1581  
Delta R.T. -0.011 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

Tgt Ion:198 Resp: 915  
Ion Ratio Lower Upper  
198 100  
182 17.9 13.0 19.4  
77 0.0 0.0 0.0

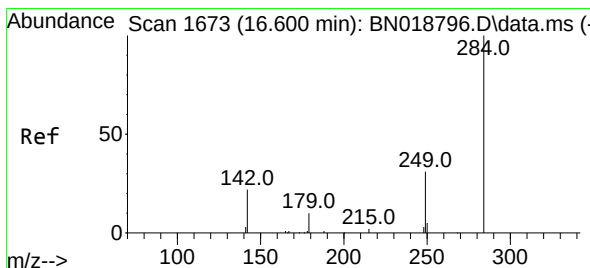
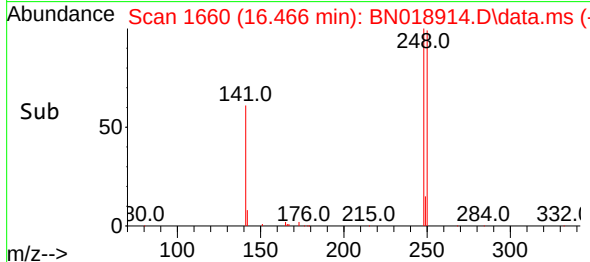
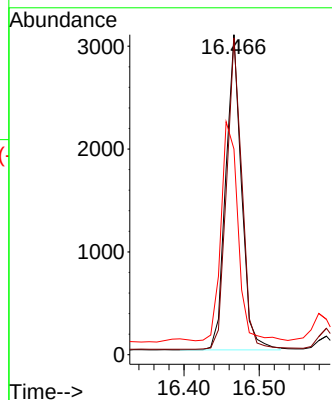
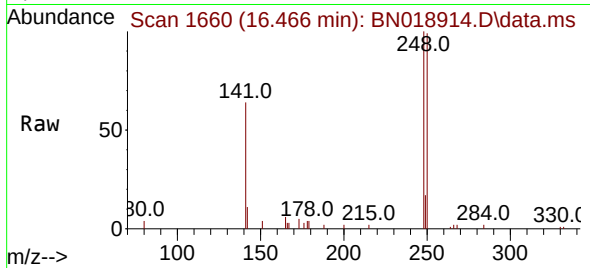




#21  
4-Bromophenyl-phenylether  
Concen: 0.346 ng  
RT: 16.466 min Scan# 1660  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

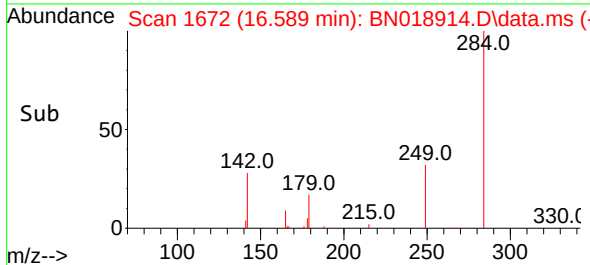
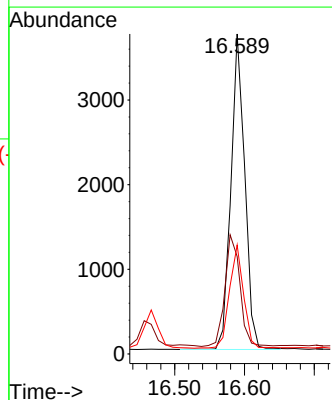
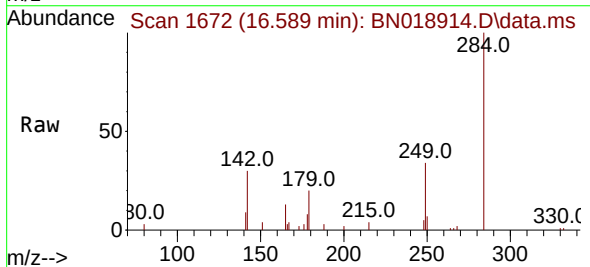
Instrument :  
BNA\_N  
ClientSampleId :  
V-2-0309-1AMSD

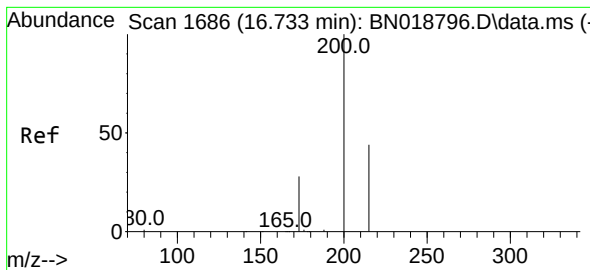
Tgt Ion:248 Resp: 4434  
Ion Ratio Lower Upper  
248 100  
250 99.0 80.7 121.1  
141 64.2 39.6 59.4#



#22  
Hexachlorobenzene  
Concen: 0.322 ng  
RT: 16.589 min Scan# 1672  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

Tgt Ion:284 Resp: 5152  
Ion Ratio Lower Upper  
284 100  
142 38.3 29.8 44.8  
249 33.3 26.2 39.2





#23

Atrazine

Concen: 0.402 ng

RT: 16.723 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN018914.D

Acq: 10 Mar 2022 22:01

Instrument :

BNA\_N

ClientSampleId :

V-2-0309-1AMSD

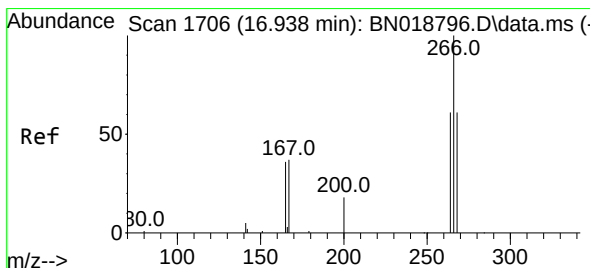
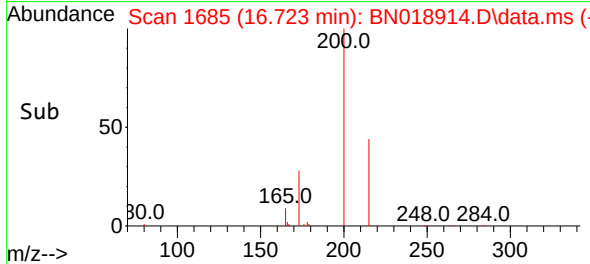
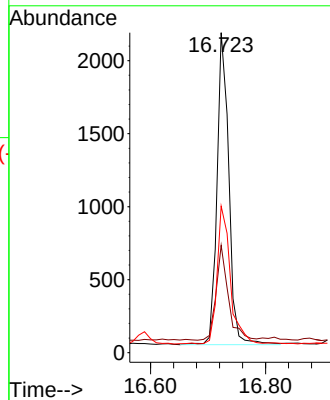
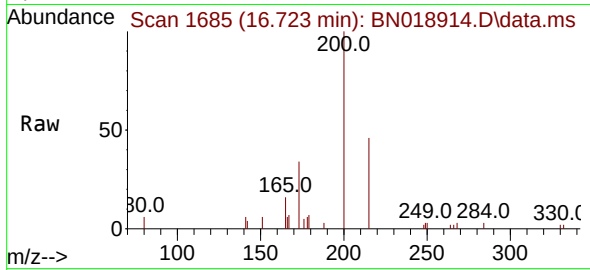
Tgt Ion:200 Resp: 3040

Ion Ratio Lower Upper

200 100

173 33.5 23.9 35.9

215 45.8 36.6 54.8



#24

Pentachlorophenol

Concen: 0.469 ng

RT: 16.928 min Scan# 1705

Delta R.T. -0.000 min

Lab File: BN018914.D

Acq: 10 Mar 2022 22:01

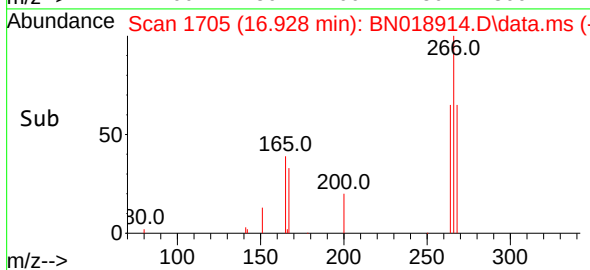
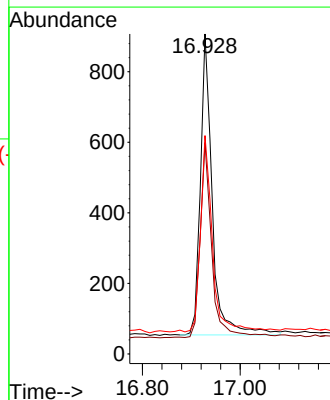
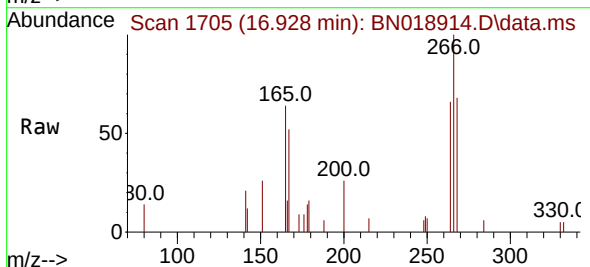
Tgt Ion:266 Resp: 1444

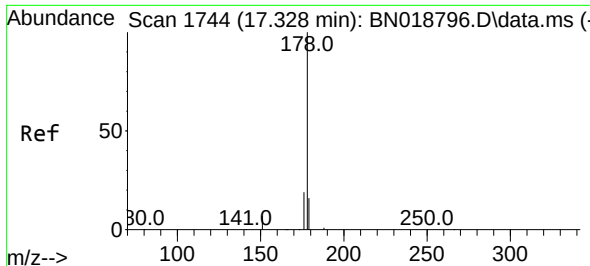
Ion Ratio Lower Upper

266 100

264 63.2 50.2 75.4

268 65.9 51.9 77.9

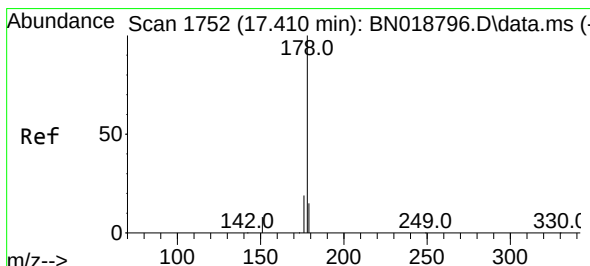
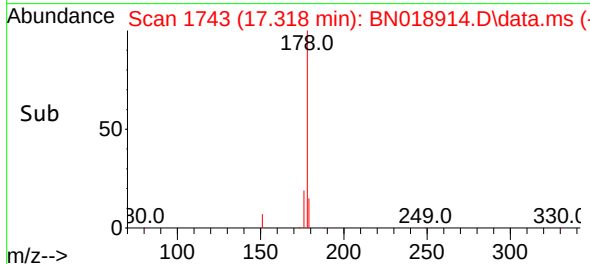
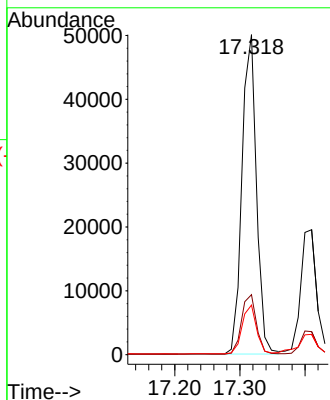
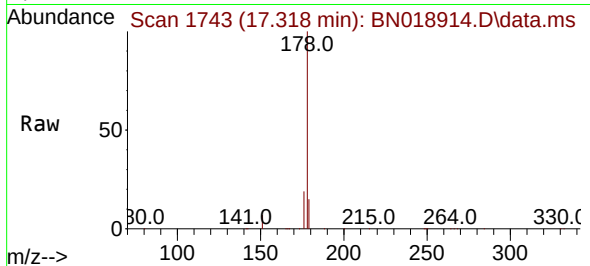




#25  
Phenanthrene  
Concen: 1.204 ng  
RT: 17.318 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

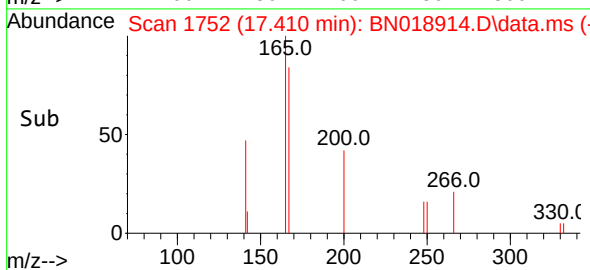
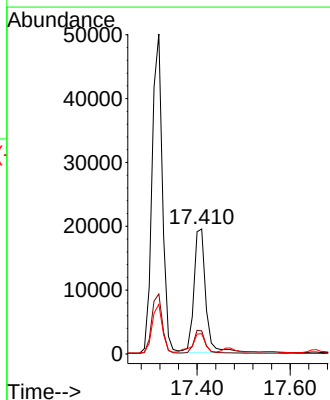
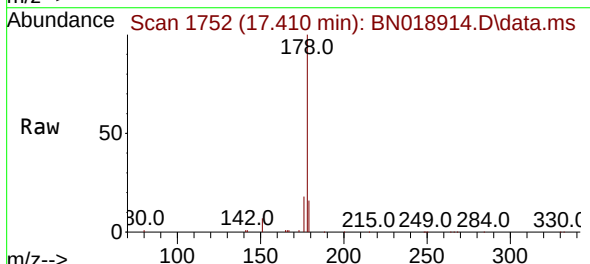
Instrument :  
BNA\_N  
ClientSampleId :  
V-2-0309-1AMSD

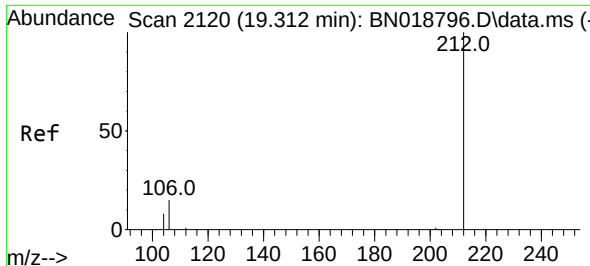
Tgt Ion:178 Resp: 76953  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.0  
179 15.4 12.2 18.2



#26  
Anthracene  
Concen: 0.636 ng  
RT: 17.410 min Scan# 1752  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

Tgt Ion:178 Resp: 34207  
Ion Ratio Lower Upper  
178 100  
176 18.1 14.8 22.2  
179 16.0 12.2 18.4

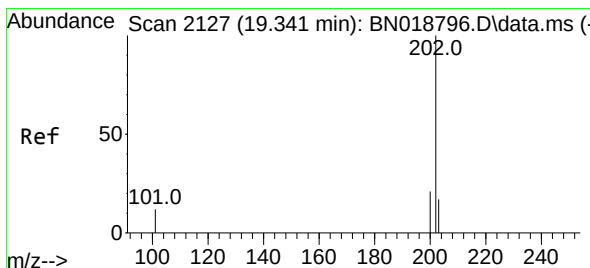
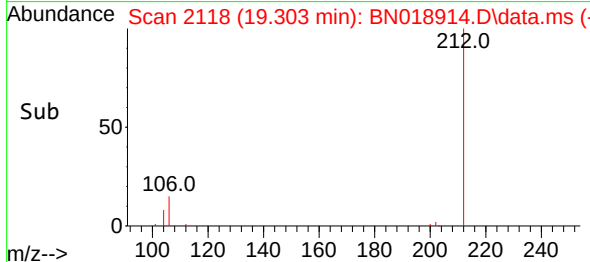
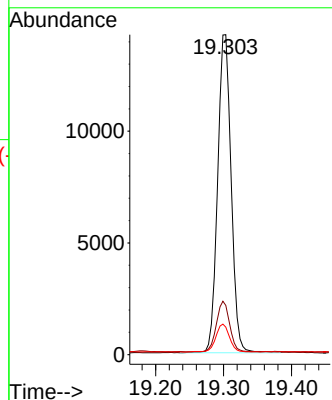
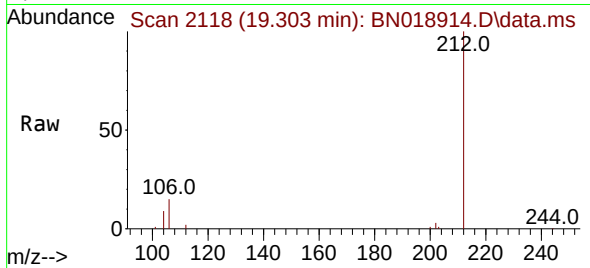




#27  
Fluoranthene-d10  
Concen: 0.347 ng  
RT: 19.303 min Scan# 2118  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

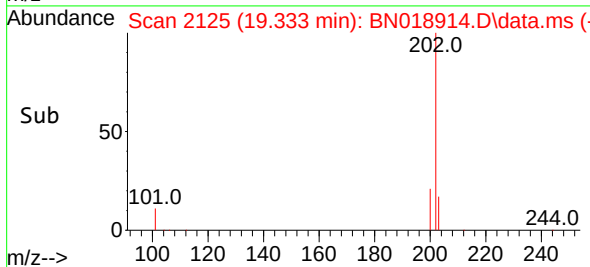
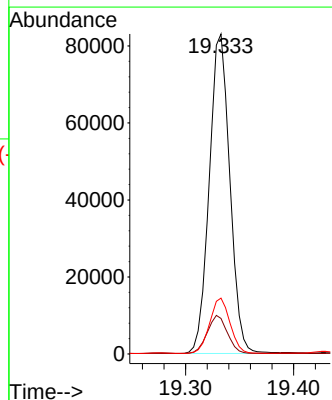
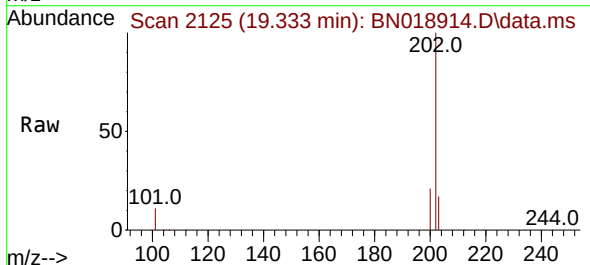
Instrument :  
BNA\_N  
ClientSampleId :  
V-2-0309-1AMSD

Tgt Ion:212 Resp: 19638  
Ion Ratio Lower Upper  
212 100  
106 15.7 12.7 19.1  
104 9.1 7.1 10.7

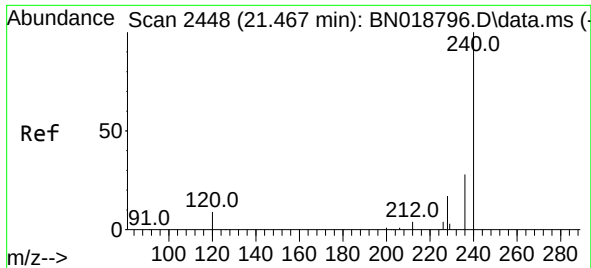


#28  
Fluoranthene  
Concen: 1.510 ng  
RT: 19.333 min Scan# 2125  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

Tgt Ion:202 Resp: 109673  
Ion Ratio Lower Upper  
202 100  
101 11.7 9.8 14.6  
203 17.1 13.7 20.5



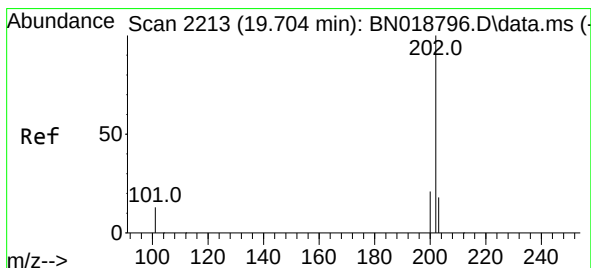
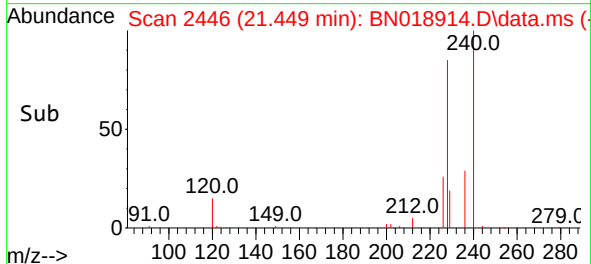
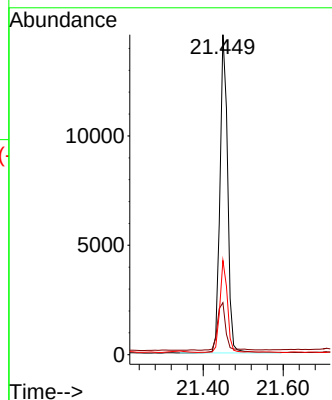
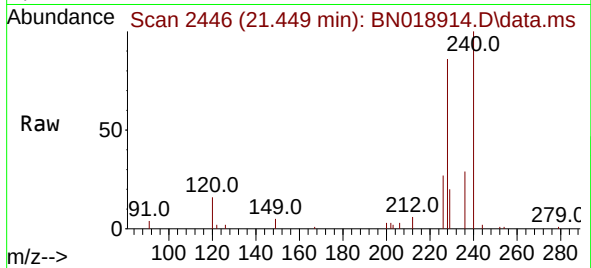




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.449 min Scan# 2446  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

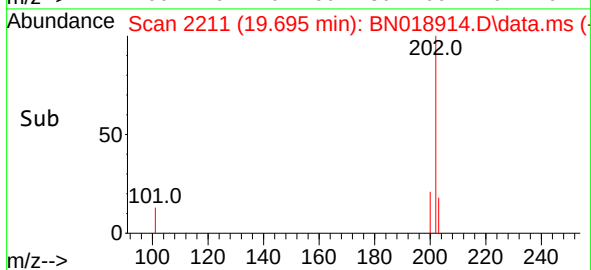
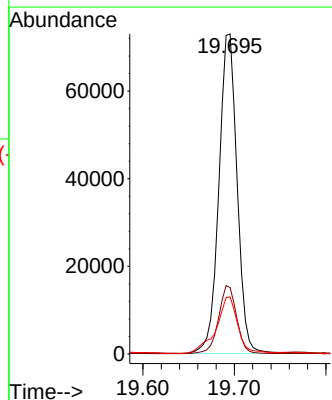
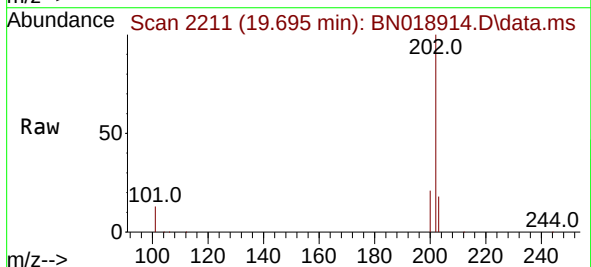
Instrument :  
BNA\_N  
ClientSampleId :  
V-2-0309-1AMSD

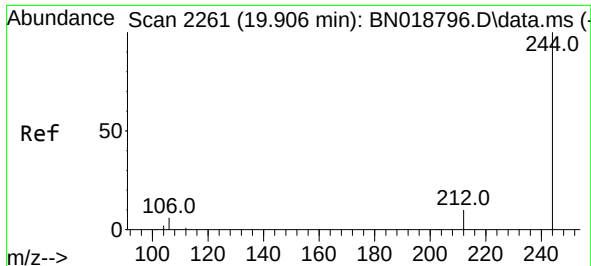
Tgt Ion:240 Resp: 19374  
Ion Ratio Lower Upper  
240 100  
120 16.3 8.5 12.7#  
236 29.5 22.4 33.6



#30  
Pyrene  
Concen: 1.161 ng  
RT: 19.695 min Scan# 2211  
Delta R.T. -0.000 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

Tgt Ion:202 Resp: 100433  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.9 25.3  
203 20.9 14.2 21.2

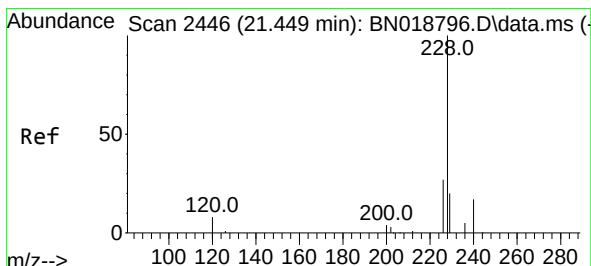
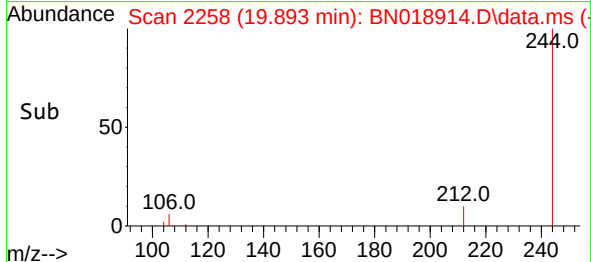
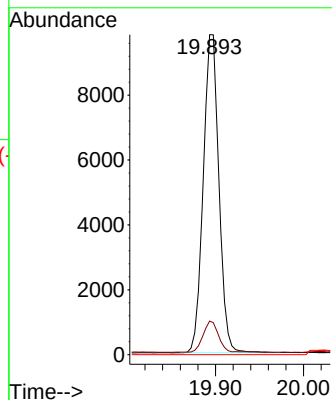
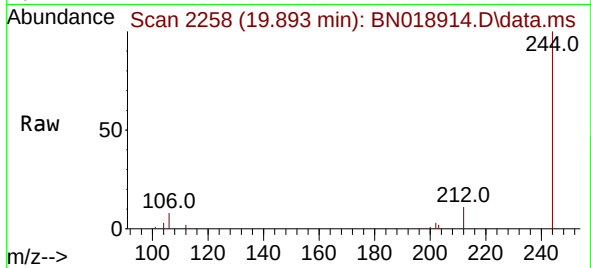




#31  
 Terphenyl-d14  
 Concen: 0.293 ng  
 RT: 19.893 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BN018914.D  
 Acq: 10 Mar 2022 22:01

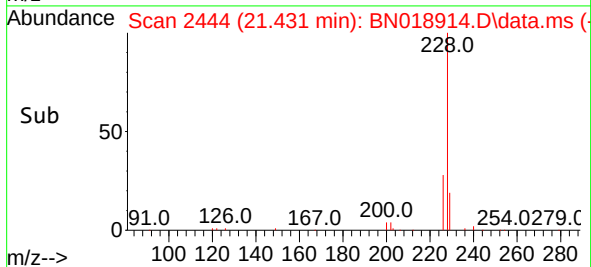
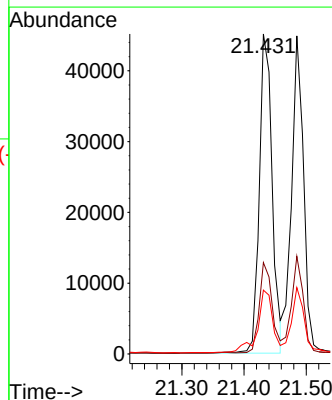
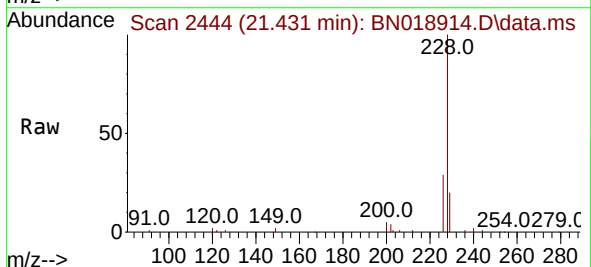
Instrument :  
 BNA\_N  
 ClientSampleId :  
 V-2-0309-1AMSD

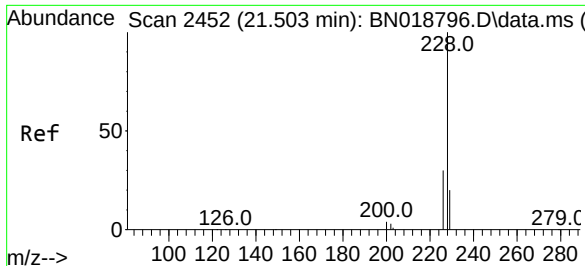
Tgt Ion:244 Resp: 12112  
 Ion Ratio Lower Upper  
 244 100  
 212 10.5 8.2 12.4  
 122 0.0 0.0 0.0



#32  
 Benzo(a)anthracene  
 Concen: 0.891 ng  
 RT: 21.431 min Scan# 2444  
 Delta R.T. -0.009 min  
 Lab File: BN018914.D  
 Acq: 10 Mar 2022 22:01

Tgt Ion:228 Resp: 64828  
 Ion Ratio Lower Upper  
 228 100  
 226 28.5 21.9 32.9  
 229 20.0 16.0 24.0





#33

Chrysene

Concen: 0.745 ng

RT: 21.485 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BN018914.D

Acq: 10 Mar 2022 22:01

Instrument :

BNA\_N

ClientSampleId :

V-2-0309-1AMSD

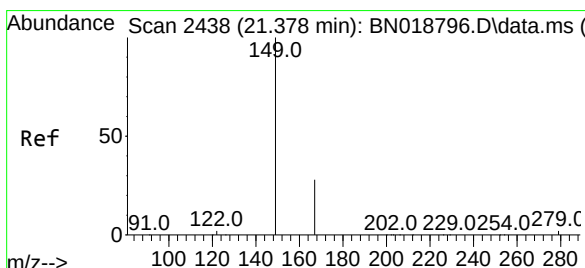
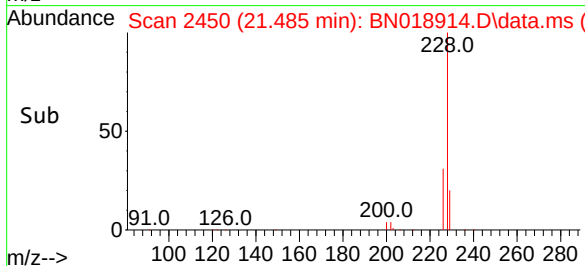
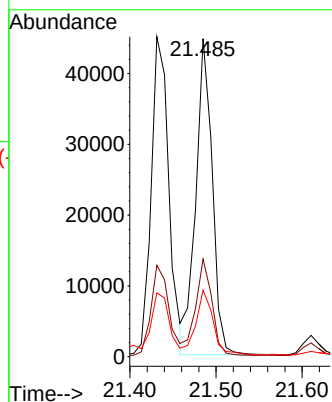
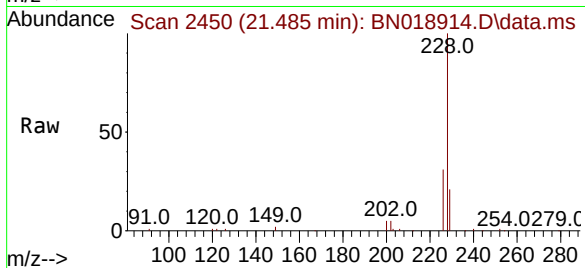
Tgt Ion:228 Resp: 59549

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

229 20.9 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.376 ng

RT: 21.360 min Scan# 2436

Delta R.T. -0.009 min

Lab File: BN018914.D

Acq: 10 Mar 2022 22:01

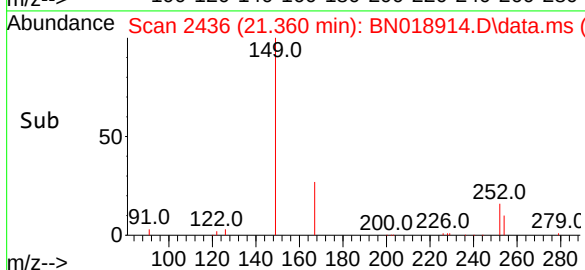
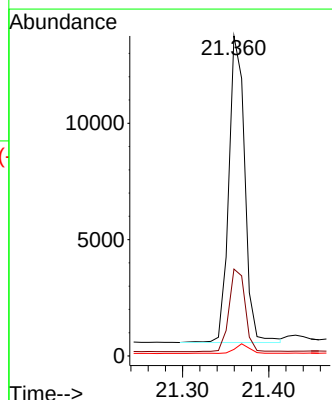
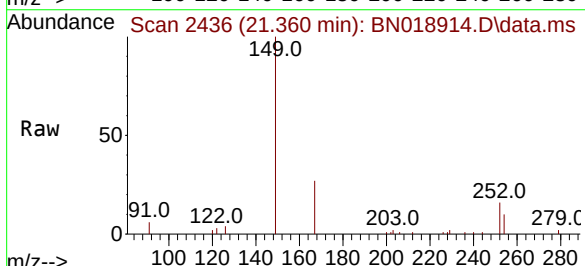
Tgt Ion:149 Resp: 16920

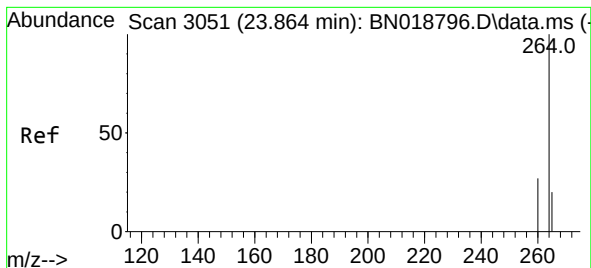
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

279 2.9 2.0 3.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.840 min Scan# 3051

Delta R.T. -0.003 min

Lab File: BN018914.D

Acq: 10 Mar 2022 22:01

Instrument :

BNA\_N

ClientSampleId :

V-2-0309-1AMSD

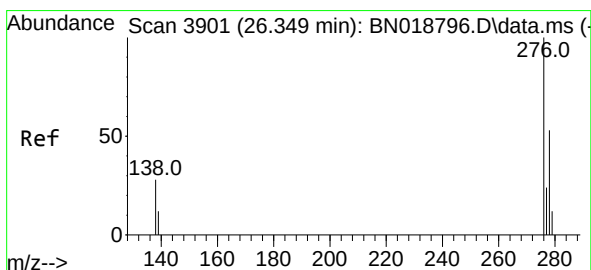
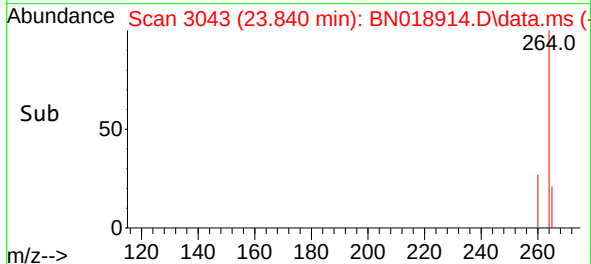
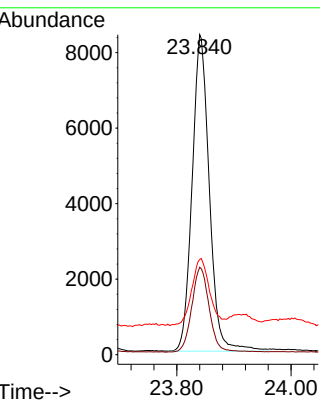
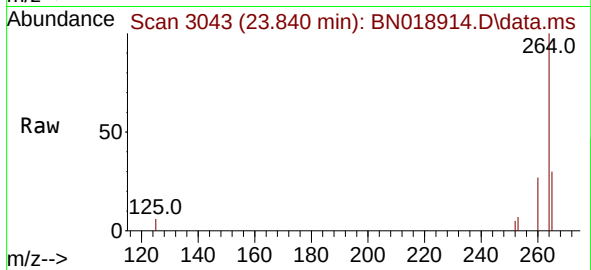
Tgt Ion:264 Resp: 17504

Ion Ratio Lower Upper

264 100

260 27.3 22.4 33.6

265 29.8 25.3 37.9



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.577 ng

RT: 26.316 min Scan# 3890

Delta R.T. -0.003 min

Lab File: BN018914.D

Acq: 10 Mar 2022 22:01

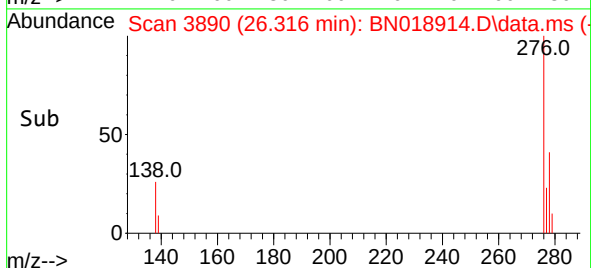
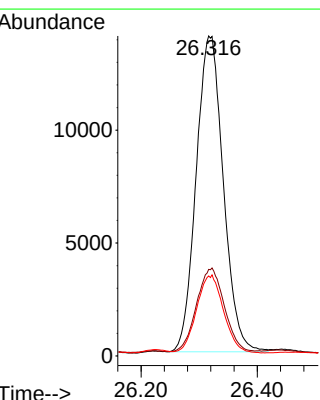
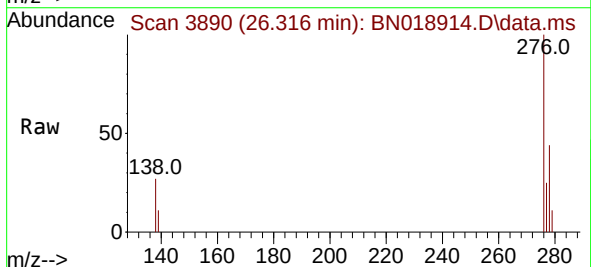
Tgt Ion:276 Resp: 45416

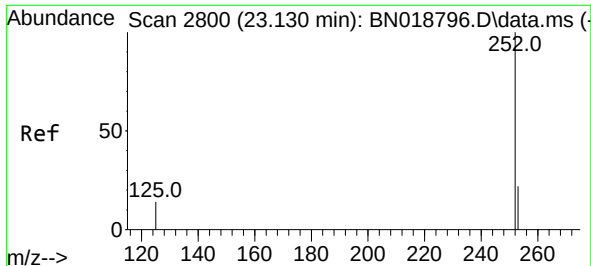
Ion Ratio Lower Upper

276 100

138 26.9 24.5 36.7

277 24.5 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.798 ng

RT: 23.115 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN018914.D

Acq: 10 Mar 2022 22:01

Instrument :

BNA\_N

ClientSampleId :

V-2-0309-1AMSD

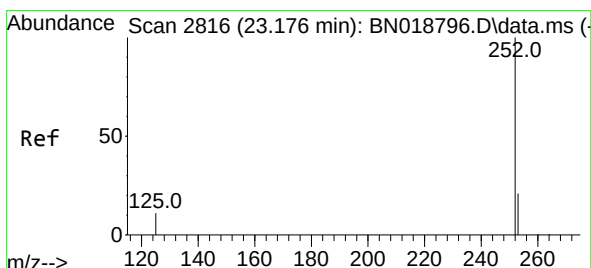
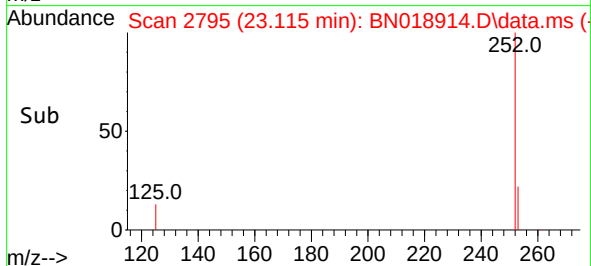
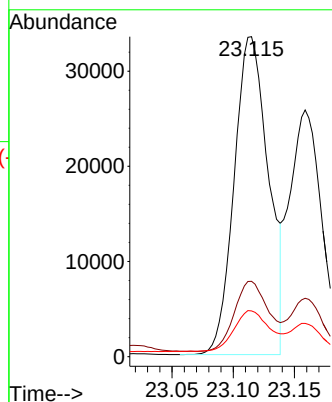
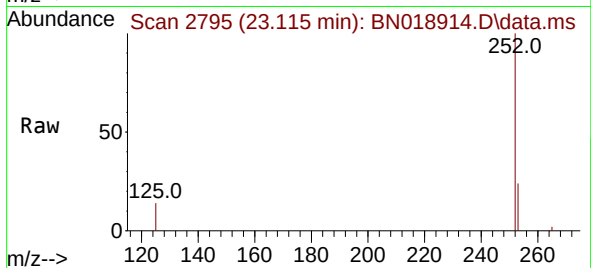
Tgt Ion:252 Resp: 65027

Ion Ratio Lower Upper

252 100

253 23.6 18.9 28.3

125 14.3 12.1 18.1



#38

Benzo(k)fluoranthene

Concen: 0.541 ng

RT: 23.159 min Scan# 2810

Delta R.T. -0.003 min

Lab File: BN018914.D

Acq: 10 Mar 2022 22:01

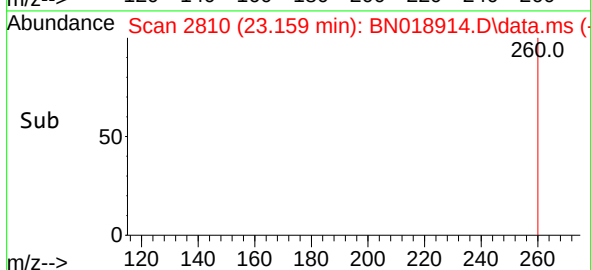
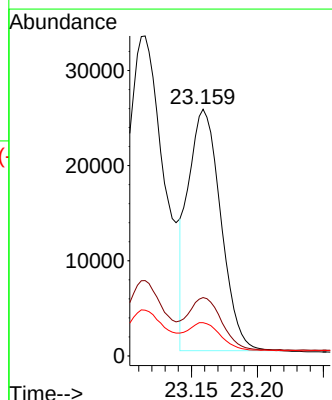
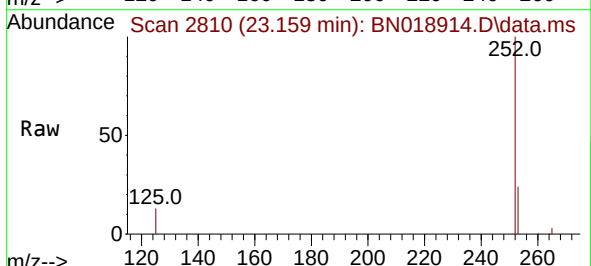
Tgt Ion:252 Resp: 43528

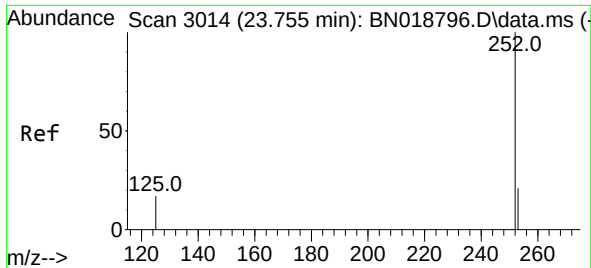
Ion Ratio Lower Upper

252 100

253 23.7 18.9 28.3

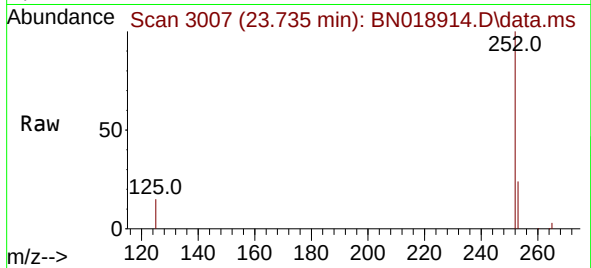
125 13.5 10.3 15.5



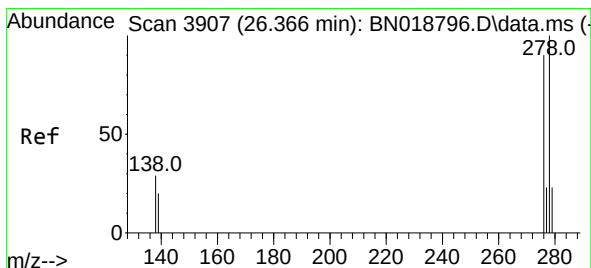
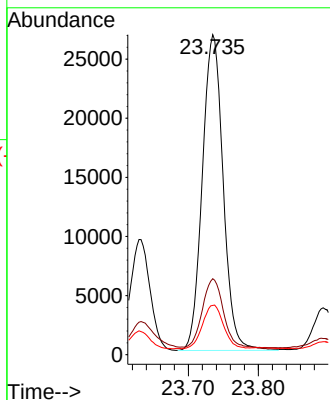
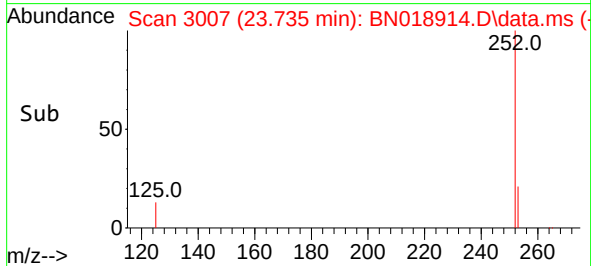


#39  
Benzo(a)pyrene  
Concen: 0.883 ng  
RT: 23.735 min Scan# 3014  
Delta R.T. -0.003 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

Instrument :  
BNA\_N  
ClientSampleId :  
V-2-0309-1AMSD

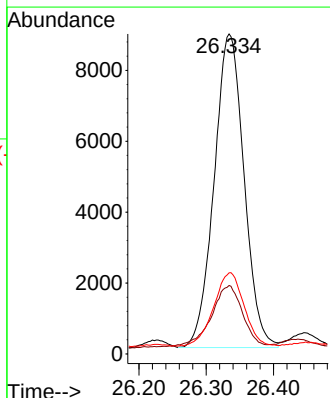
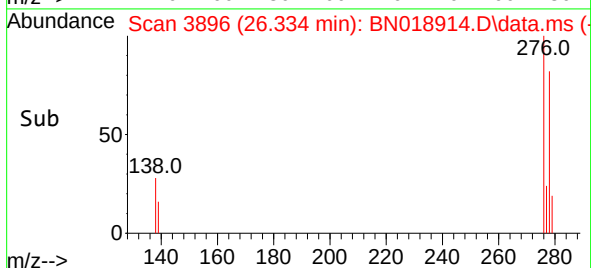
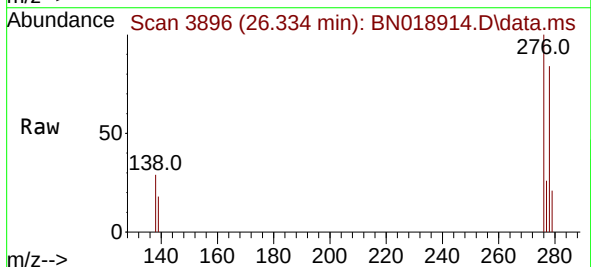


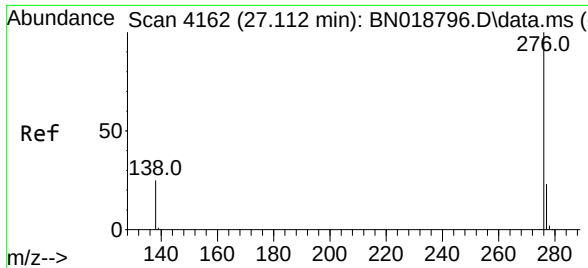
Tgt Ion:252 Resp: 55266  
Ion Ratio Lower Upper  
252 100  
253 23.7 20.1 30.1  
125 15.4 15.2 22.8



#40  
Dibenzo(a,h)anthracene  
Concen: 0.454 ng  
RT: 26.334 min Scan# 3896  
Delta R.T. -0.003 min  
Lab File: BN018914.D  
Acq: 10 Mar 2022 22:01

Tgt Ion:278 Resp: 27354  
Ion Ratio Lower Upper  
278 100  
139 21.4 17.2 25.8  
279 25.4 19.9 29.9





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.662 ng  
 RT: 27.076 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: BN018914.D  
 Acq: 10 Mar 2022 22:01

Instrument :  
 BNA\_N  
 ClientSampleId :  
 V-2-0309-1AMSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 42872 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.2  | 19.4  | 29.0  |
| 138      | 25.4  | 21.0  | 31.6  |

