

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121321\  
 Data File : BN017970.D  
 Acq On : 13 Dec 2021 13:54  
 Operator : CG/JU  
 Sample : M4922-18MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Dec 14 03:40:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 11 00:01:30 2021  
 Response via : Initial Calibration

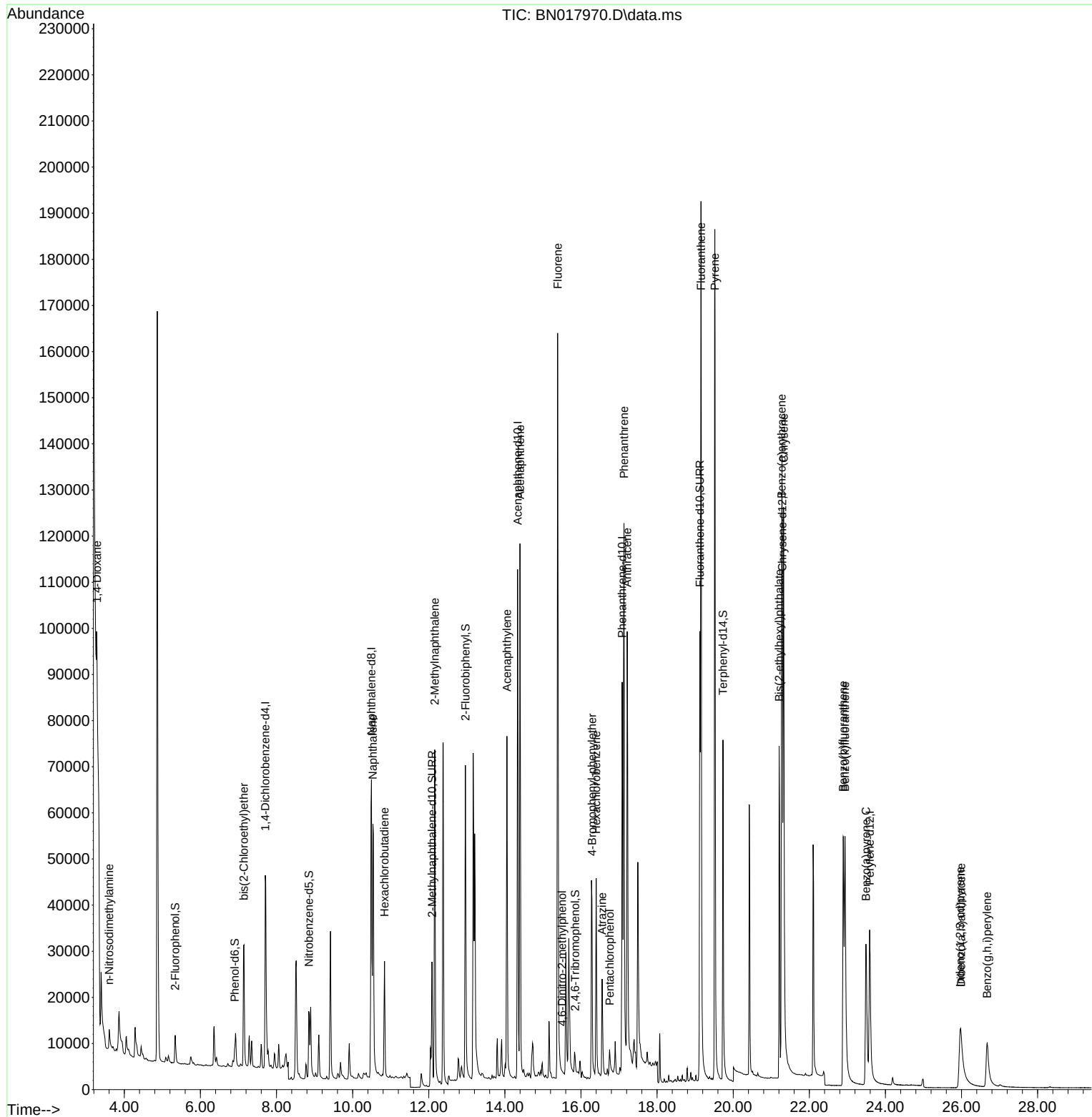
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.705  | 152  | 25079    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.494 | 136  | 103878   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.334 | 164  | 66871    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.080 | 188  | 139603   | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.293 | 240  | 95563    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.585 | 264  | 61548    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.336  | 112  | 6388     | 0.124 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.903  | 99   | 3868     | 0.075 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.846  | 82   | 15244    | 0.225 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.085 | 152  | 42396    | 0.232 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.844 | 330  | 5441     | 0.482 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.964 | 172  | 64100    | 0.272 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.124 | 212  | 133665   | 0.295 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.730 | 244  | 99642    | 0.423 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.280  | 88   | 15290    | 2.009 | ng    | 92       |
| 3) n-Nitrosodimethylamine     | 3.602  | 42   | 3799     | 0.165 | ng    | 90       |
| 6) bis(2-Chloroethyl)ether    | 7.143  | 93   | 22922    | 0.364 | ng    | 100      |
| 9) Naphthalene                | 10.532 | 128  | 85670    | 0.332 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.836 | 225  | 21010    | 0.285 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.156 | 142  | 60524    | 0.352 | ng    | 100      |
| 16) Acenaphthylene            | 14.055 | 152  | 86261    | 0.345 | ng    | 99       |
| 17) Acenaphthene              | 14.398 | 154  | 58001    | 0.334 | ng    | 99       |
| 18) Fluorene                  | 15.388 | 166  | 75721    | 0.359 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.502 | 198  | 136      | 0.619 | ng    | 87       |
| 21) 4-Bromophenyl-phenylether | 16.289 | 248  | 28596    | 0.357 | ng    | # 89     |
| 22) Hexachlorobenzene         | 16.399 | 284  | 34278    | 0.329 | ng    | 98       |
| 23) Atrazine                  | 16.557 | 200  | 19740    | 0.379 | ng    | 98       |
| 24) Pentachlorophenol         | 16.752 | 266  | 5000     | 1.040 | ng    | 97       |
| 25) Phenanthrene              | 17.129 | 178  | 140980   | 0.395 | ng    | 99       |
| 26) Anthracene                | 17.214 | 178  | 124548   | 0.419 | ng    | 98       |
| 28) Fluoranthene              | 19.154 | 202  | 193769   | 0.441 | ng    | 100      |
| 30) Pyrene                    | 19.516 | 202  | 195416   | 0.521 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.272 | 228  | 115605   | 0.427 | ng    | 99       |
| 33) Chrysene                  | 21.325 | 228  | 126332   | 0.402 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.208 | 149  | 74728    | 0.728 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.961 | 276  | 33719    | 0.348 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.891 | 252  | 84720    | 0.417 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.939 | 252  | 78009    | 0.394 | ng    | 100      |
| 39) Benzo(a)pyrene            | 23.486 | 252  | 73654    | 0.407 | ng    | # 93     |
| 40) Dibenzo(a,h)anthracene    | 25.985 | 278  | 20321    | 0.331 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.673 | 276  | 36514    | 0.373 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

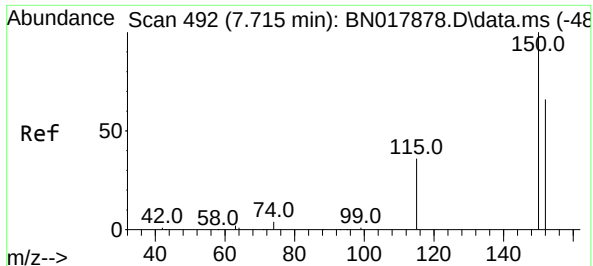
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121321\  
Data File : BN017970.D  
Acq On : 13 Dec 2021 13:54  
Operator : CG/JU  
Sample : M4922-18MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

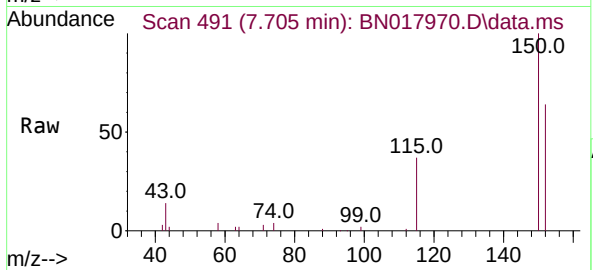
Quant Time: Dec 14 03:40:57 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 11 00:01:30 2021  
Response via : Initial Calibration



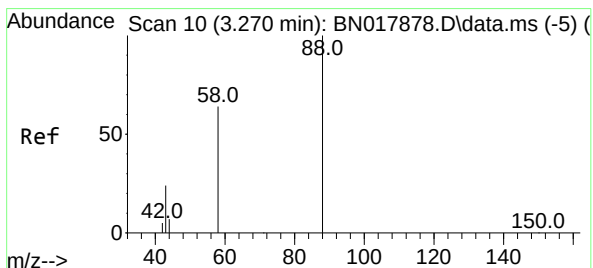
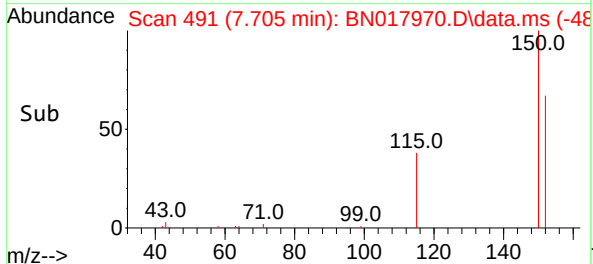
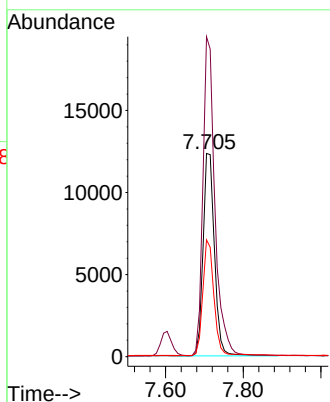


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.705 min Scan# 49  
 Delta R.T. -0.010 min  
 Lab File: BN017970.D  
 Acq: 13 Dec 2021 13:54

Instrument :  
 BNA\_N  
 ClientSampleId :

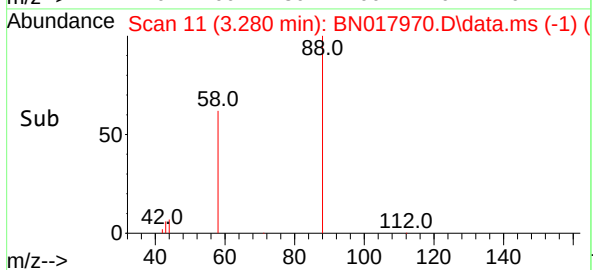
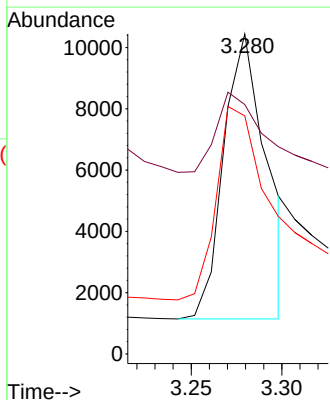
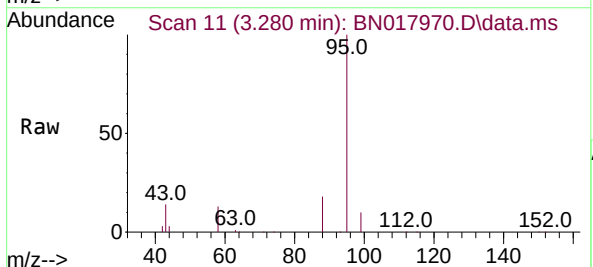


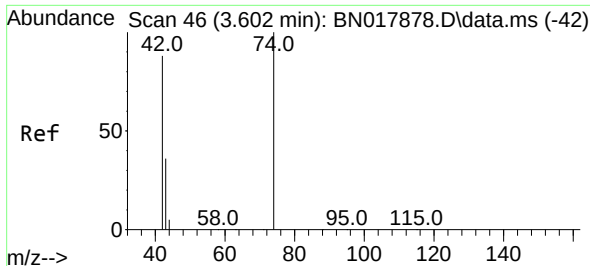
Tgt Ion: 152 Resp: 25079  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 121.9 182.9  
 115 57.5 44.1 66.1



#2  
 1,4-Dioxane  
 Concen: 2.009 ng  
 RT: 3.280 min Scan# 11  
 Delta R.T. 0.009 min  
 Lab File: BN017970.D  
 Acq: 13 Dec 2021 13:54

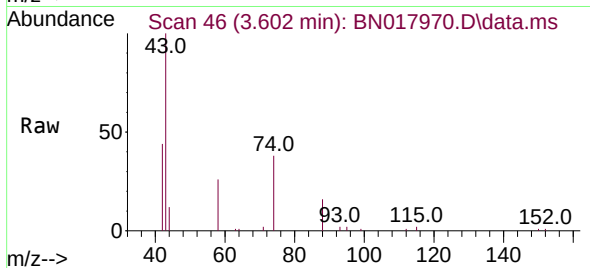
Tgt Ion: 88 Resp: 15290  
 Ion Ratio Lower Upper  
 88 100  
 43 28.5 28.0 42.0  
 58 75.7 65.4 98.0





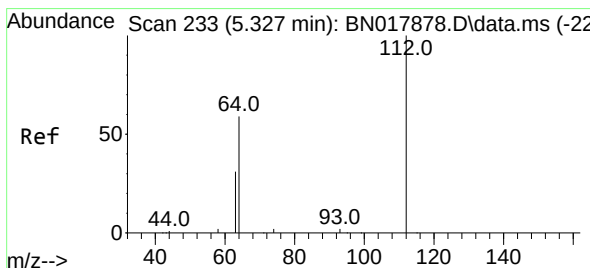
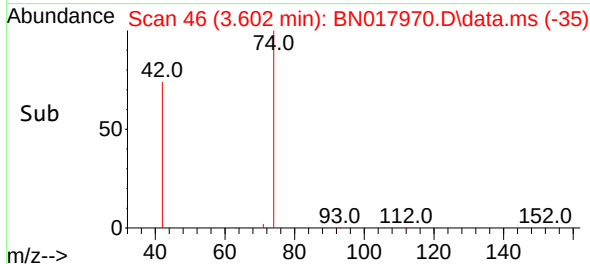
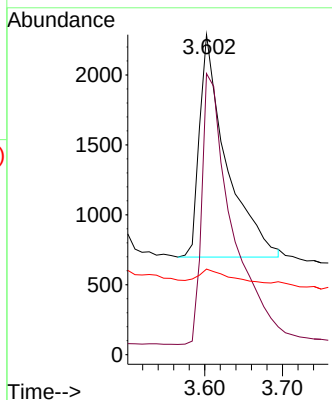
#3  
n-Nitrosodimethylamine  
Concen: 0.165 ng  
RT: 3.602 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion: 42 Resp: 3799

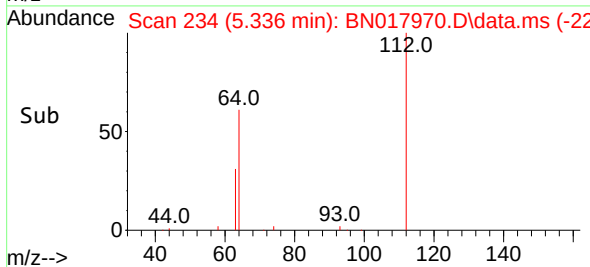
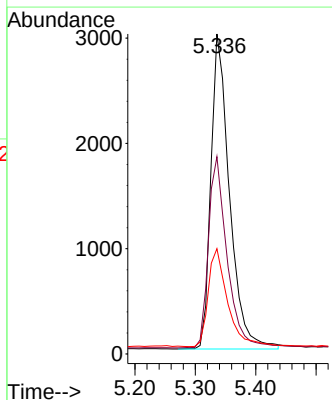
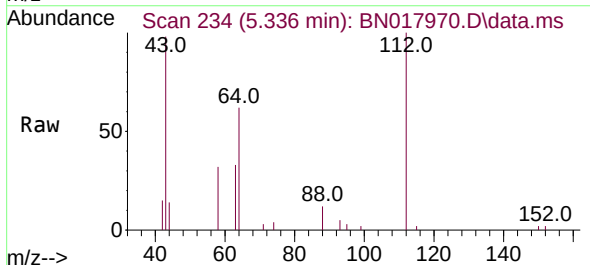
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 137.4 | 100.6 | 150.8 |
| 44  | 6.8   | 5.2   | 7.8   |

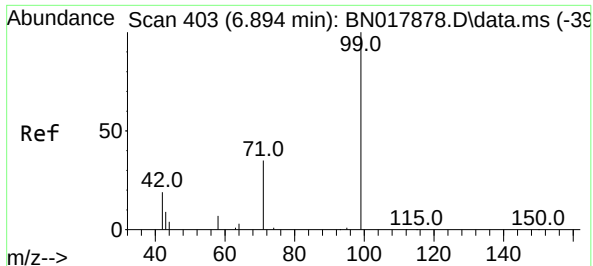


#4  
2-Fluorophenol  
Concen: 0.124 ng  
RT: 5.336 min Scan# 234  
Delta R.T. 0.009 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

Tgt Ion: 112 Resp: 6388

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 60.8  | 49.0  | 73.4  |
| 63  | 32.5  | 26.2  | 39.2  |

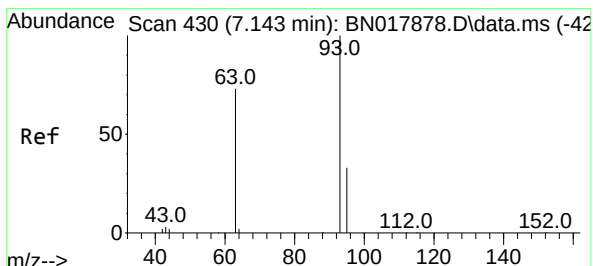
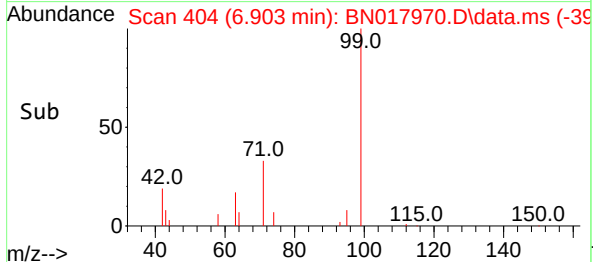
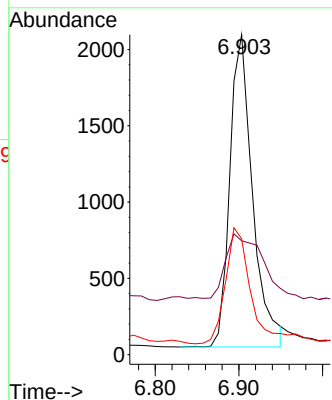
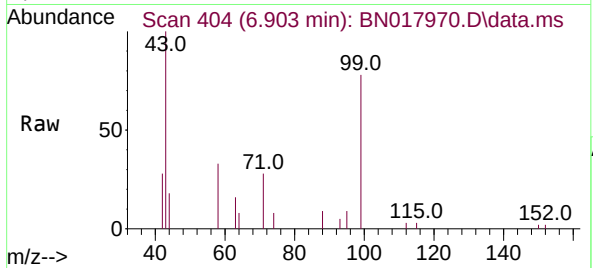




#5  
Phenol-d6  
Concen: 0.075 ng  
RT: 6.903 min Scan# 403  
Delta R.T. 0.009 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

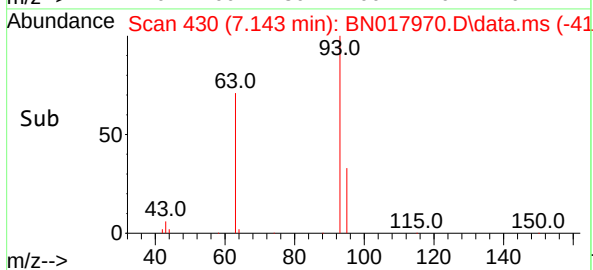
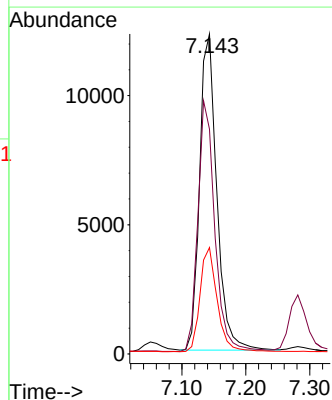
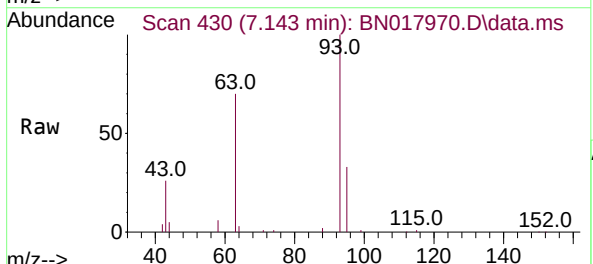
Instrument :  
BNA\_N  
ClientSampleId :

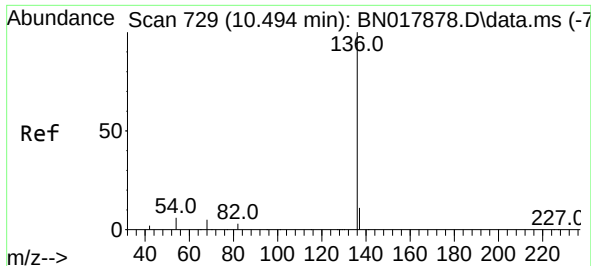
Tgt Ion: 99 Resp: 3868  
Ion Ratio Lower Upper  
99 100  
42 32.3 17.0 25.4#  
71 40.3 28.0 42.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.364 ng  
RT: 7.143 min Scan# 430  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

Tgt Ion: 93 Resp: 22922  
Ion Ratio Lower Upper  
93 100  
63 78.0 62.0 93.0  
95 32.9 26.2 39.4

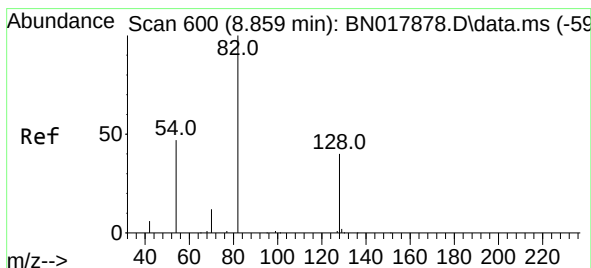
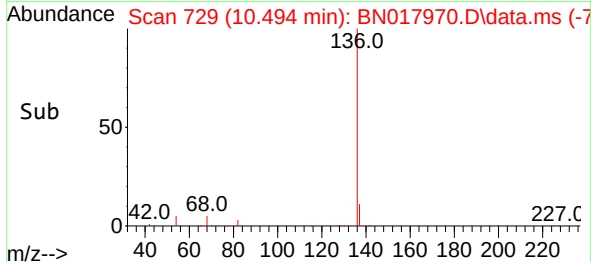
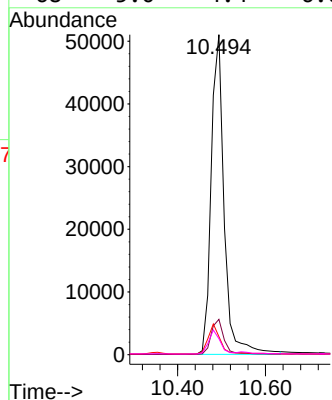
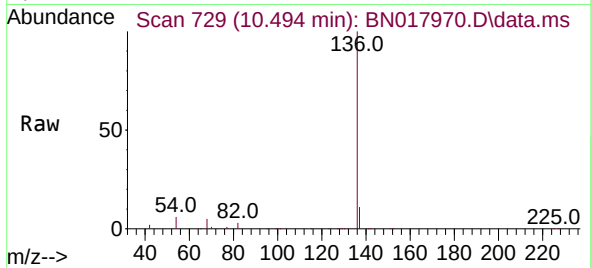




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.494 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

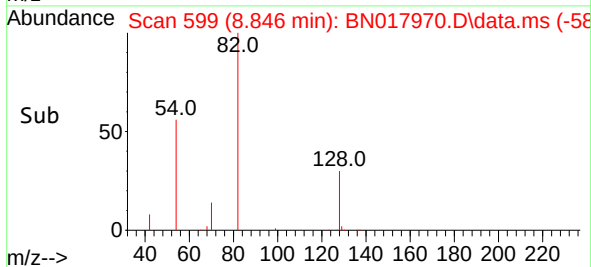
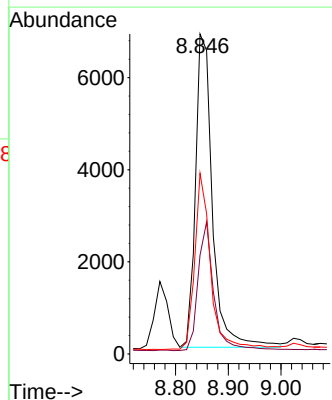
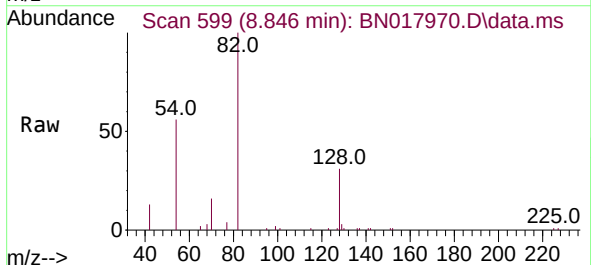
Instrument :  
BNA\_N  
ClientSampleId :

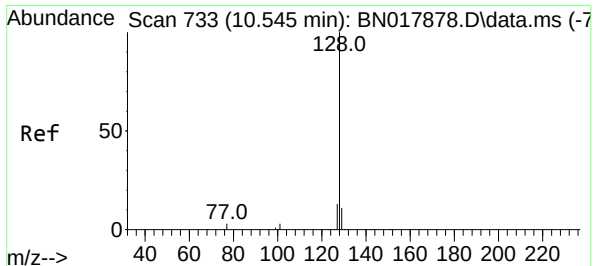
Tgt Ion:136 Resp: 103878  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 5.6 5.1 7.7  
68 5.0 4.4 6.6



#8  
Nitrobenzene-d5  
Concen: 0.225 ng  
RT: 8.846 min Scan# 599  
Delta R.T. -0.013 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

Tgt Ion: 82 Resp: 15244  
Ion Ratio Lower Upper  
82 100  
128 30.9 32.2 48.4#  
54 56.5 37.6 56.4#

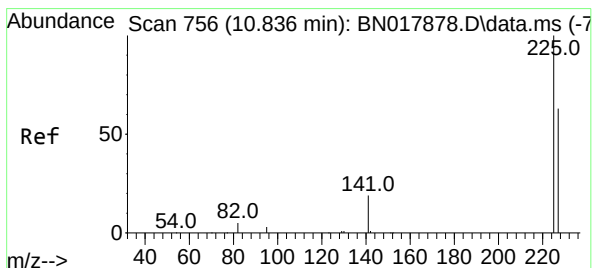
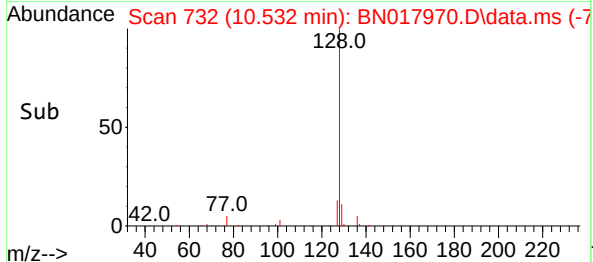
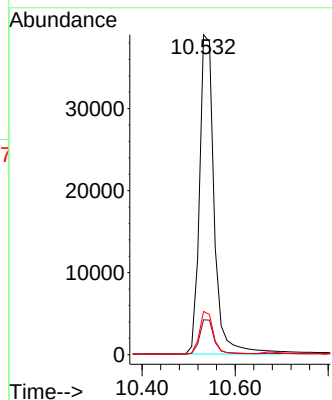
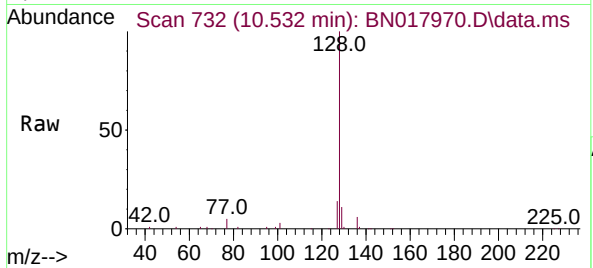




#9  
Naphthalene  
Concen: 0.332 ng  
RT: 10.532 min Scan# 71  
Delta R.T. -0.013 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

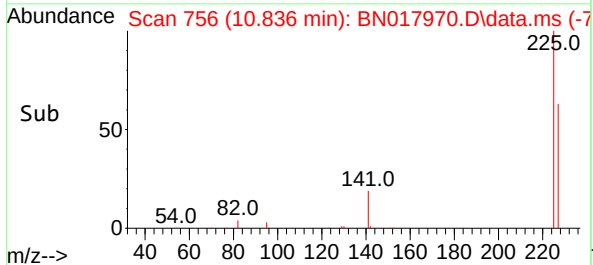
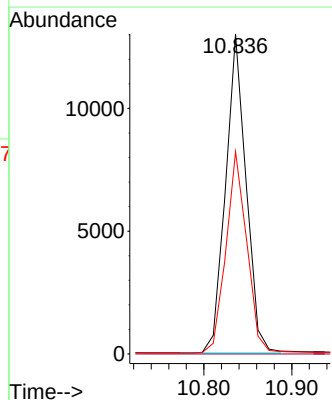
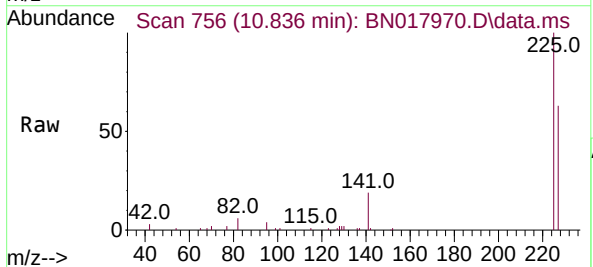
Instrument :  
BNA\_N  
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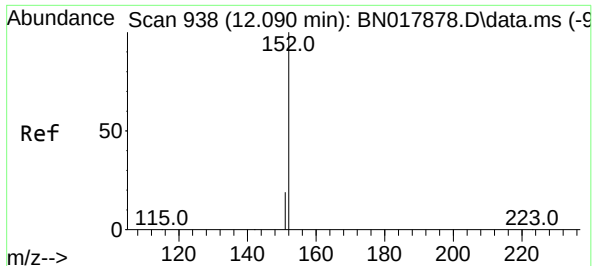
Tgt Ion:128 Resp: 85670  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 13.5 10.5 15.7



#10  
Hexachlorobutadiene  
Concen: 0.285 ng  
RT: 10.836 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

Tgt Ion:225 Resp: 21010  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.8 51.1 76.7





#11

2-Methylnaphthalene-d10

Concen: 0.232 ng

RT: 12.085 min Scan# 91

Delta R.T. -0.005 min

Lab File: BN017970.D

Acq: 13 Dec 2021 13:54

Instrument :

BNA\_N

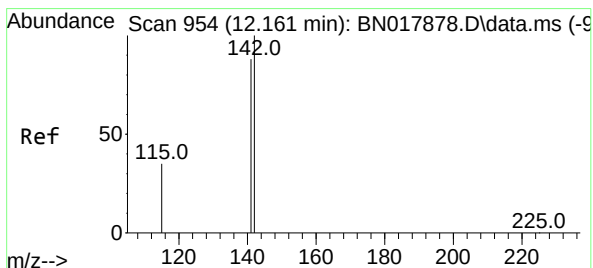
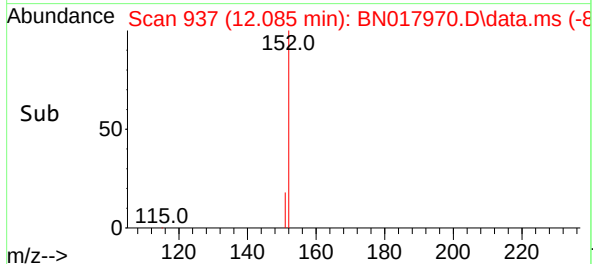
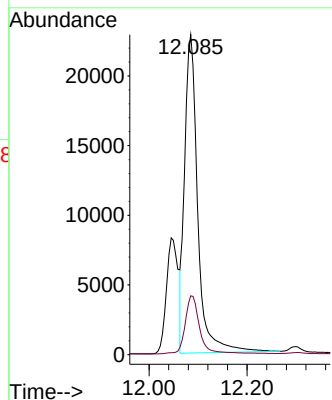
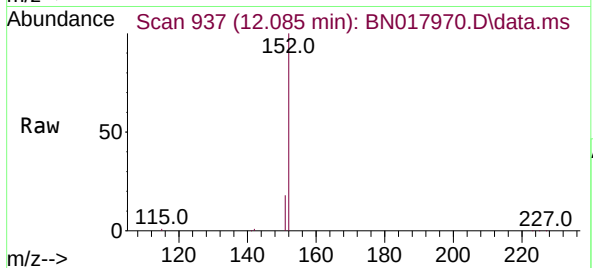
ClientSampleId :

Tgt Ion:152 Resp: 42396

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6



#12

2-Methylnaphthalene

Concen: 0.352 ng

RT: 12.156 min Scan# 953

Delta R.T. -0.005 min

Lab File: BN017970.D

Acq: 13 Dec 2021 13:54

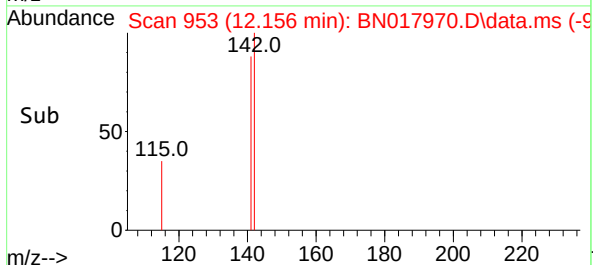
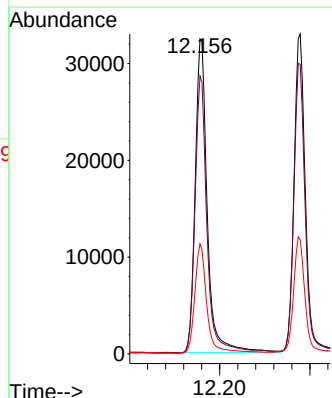
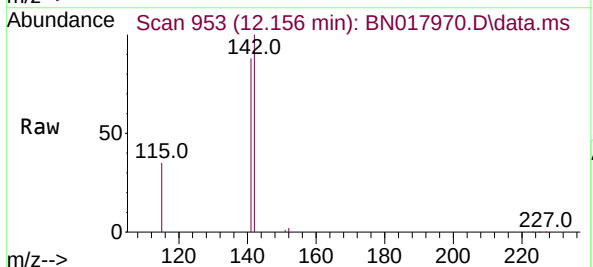
Tgt Ion:142 Resp: 60524

Ion Ratio Lower Upper

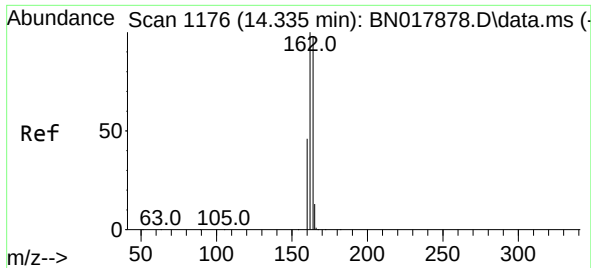
142 100

141 88.1 70.6 105.8

115 35.0 27.8 41.6

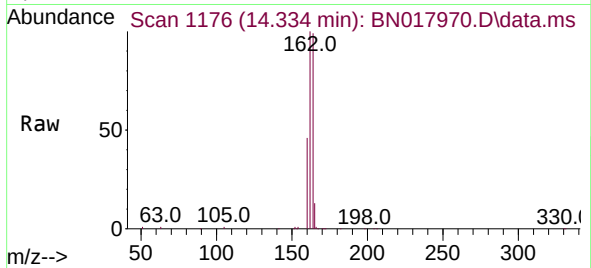




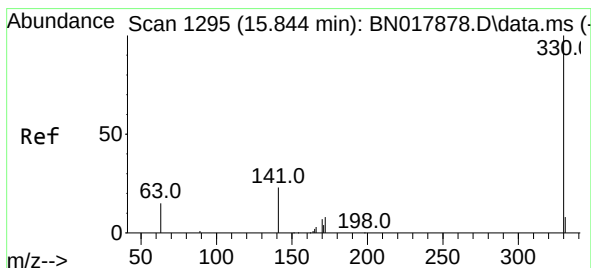
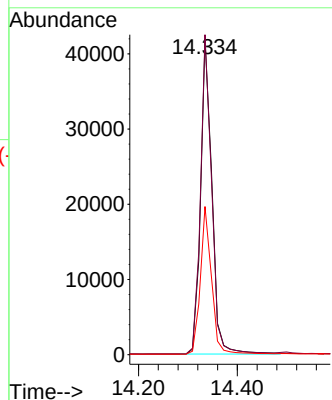
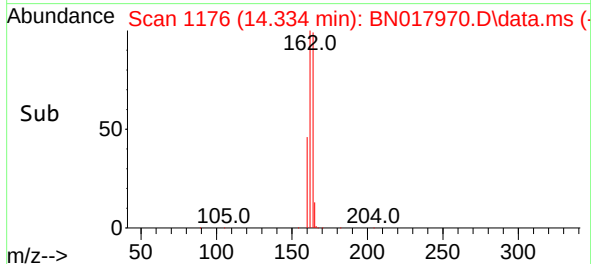


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.334 min Scan# 1176  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

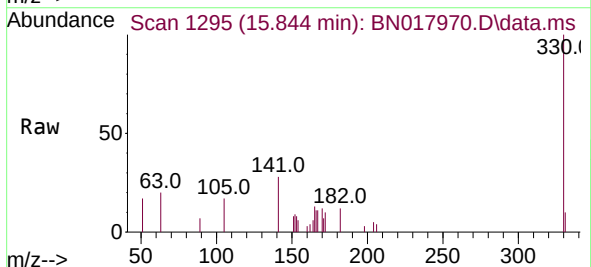
Instrument :  
BNA\_N  
ClientSampleId :



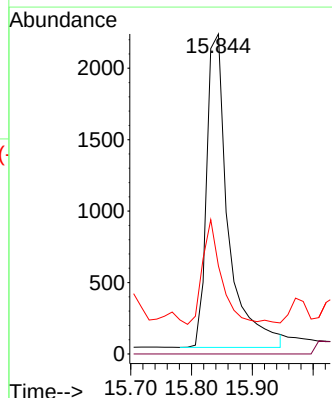
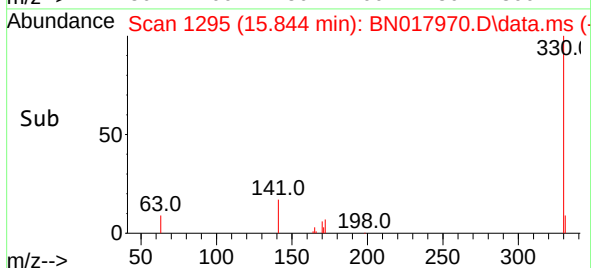
Tgt Ion:164 Resp: 66871  
Ion Ratio Lower Upper  
164 100  
162 101.4 82.1 123.1  
160 46.9 38.2 57.2

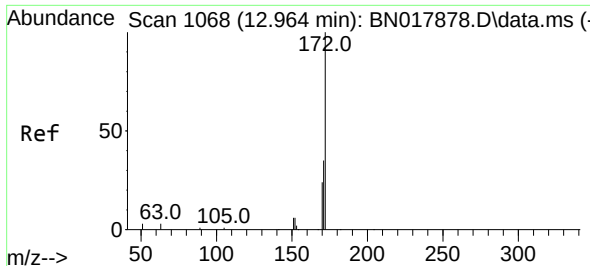


#14  
2,4,6-Tribromophenol  
Concen: 0.482 ng  
RT: 15.844 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54



Tgt Ion:330 Resp: 5441  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 29.5 19.7 29.5#

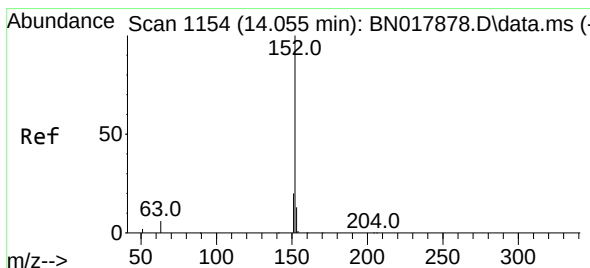
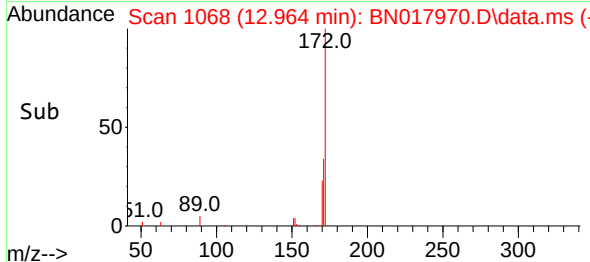
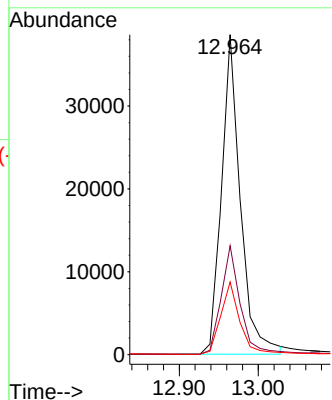
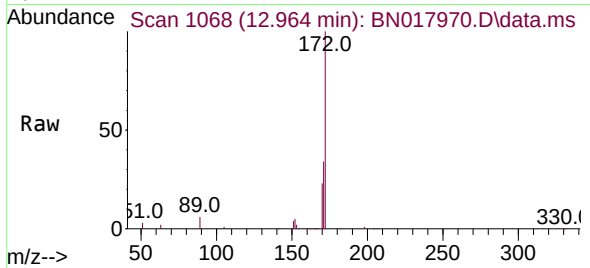




#15  
2-Fluorobiphenyl  
Concen: 0.272 ng  
RT: 12.964 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

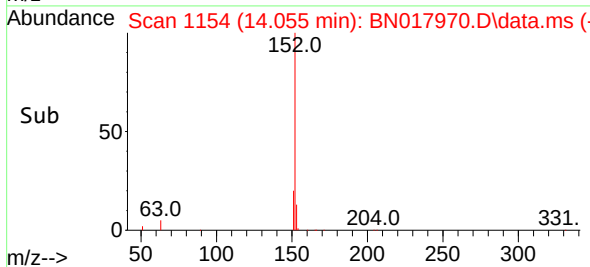
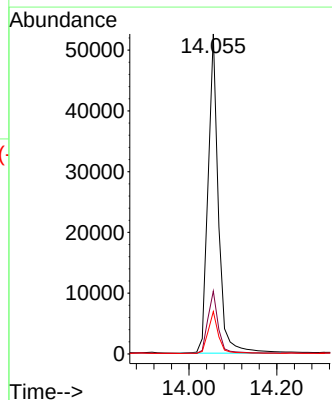
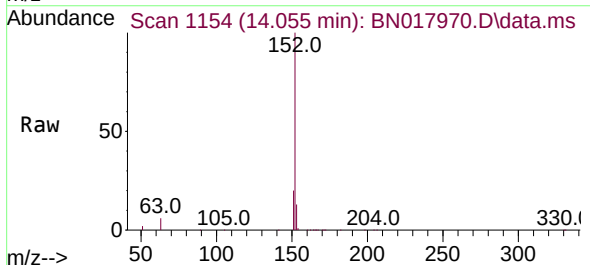
Instrument :  
BNA\_N  
ClientSampleId :

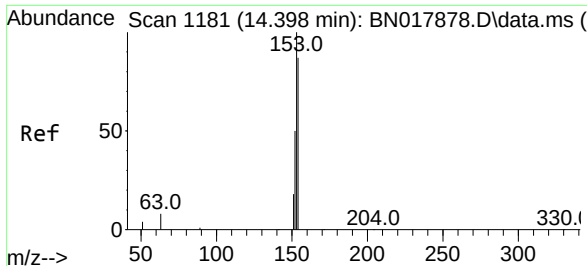
Tgt Ion:172 Resp: 64100  
Ion Ratio Lower Upper  
172 100  
171 34.0 28.3 42.5  
170 22.7 19.1 28.7



#16  
Acenaphthylene  
Concen: 0.345 ng  
RT: 14.055 min Scan# 1154  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

Tgt Ion:152 Resp: 86261  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.6 23.4  
153 13.1 10.5 15.7

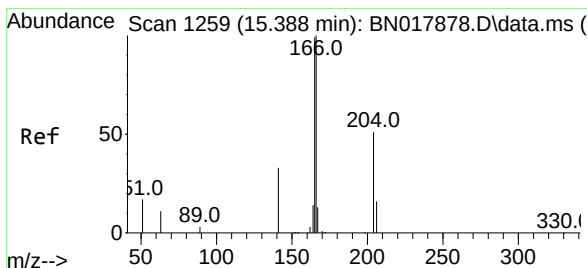
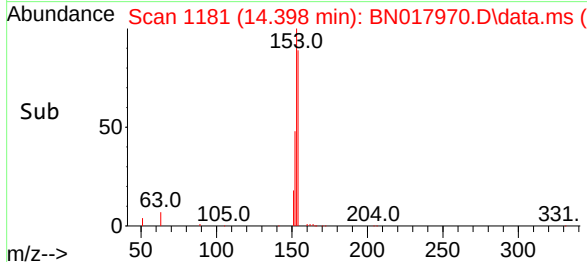
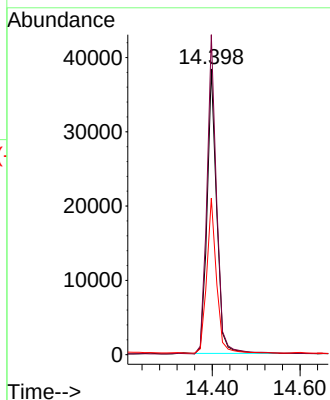
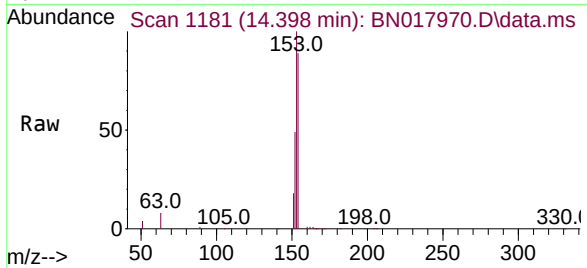




#17  
Acenaphthene  
Concen: 0.334 ng  
RT: 14.398 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

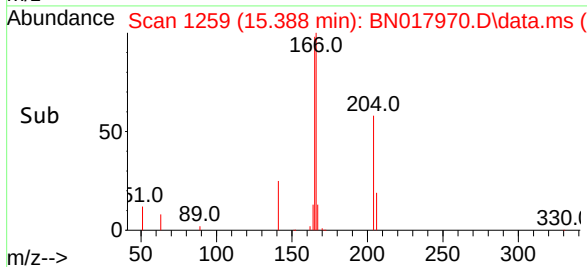
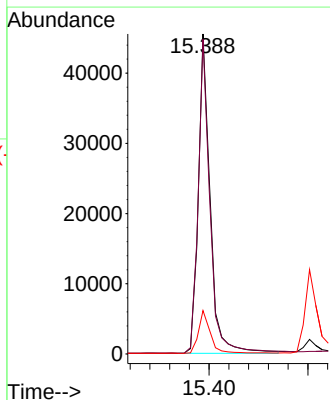
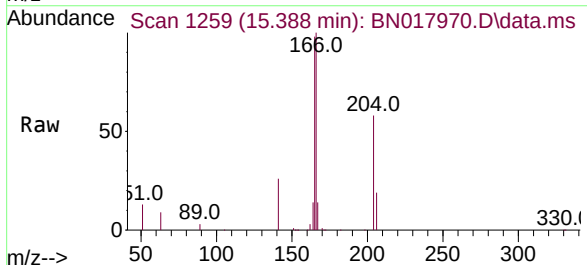
Instrument :  
BNA\_N  
ClientSampleId :

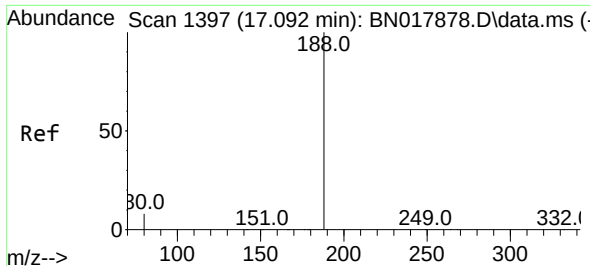
Tgt Ion:154 Resp: 58001  
Ion Ratio Lower Upper  
154 100  
153 113.2 89.8 134.8  
152 54.9 44.2 66.2



#18  
Fluorene  
Concen: 0.359 ng  
RT: 15.388 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

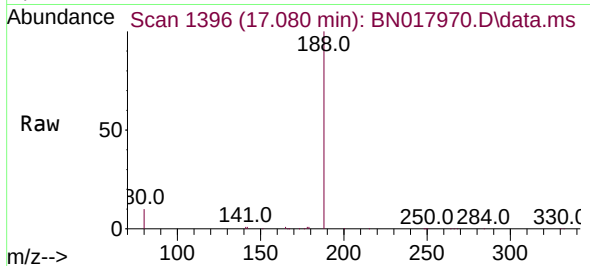
Tgt Ion:166 Resp: 75721  
Ion Ratio Lower Upper  
166 100  
165 97.6 77.5 116.3  
167 13.6 10.8 16.2



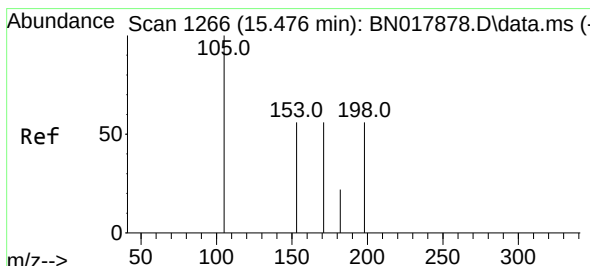
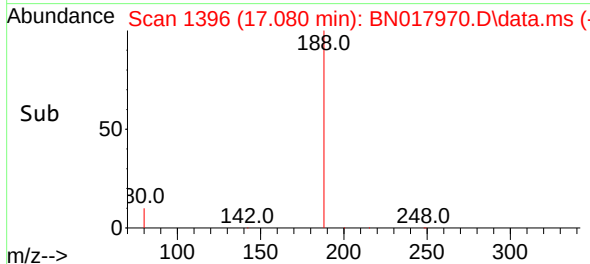
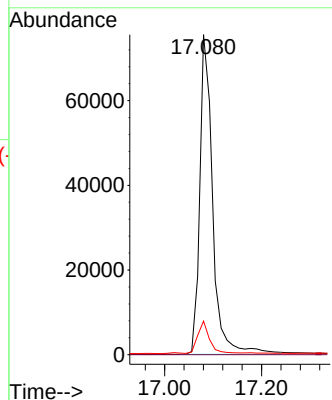


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.080 min Scan# 1396  
Delta R.T. -0.012 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

Instrument :  
BNA\_N  
ClientSampleId :

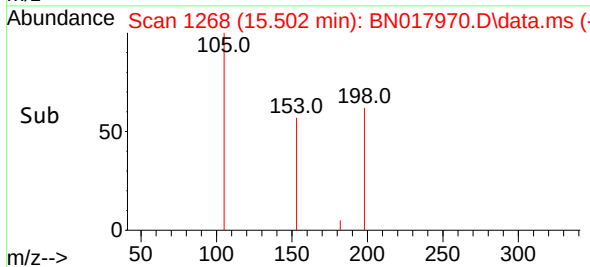
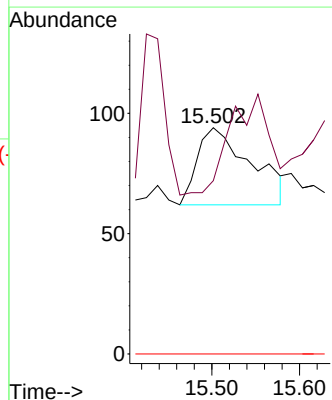
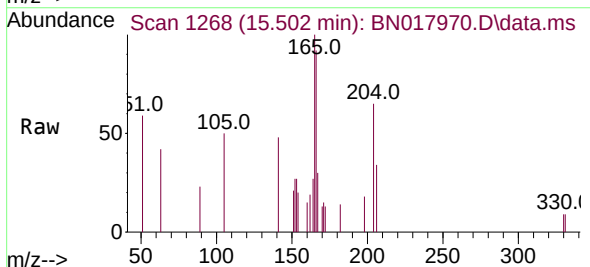


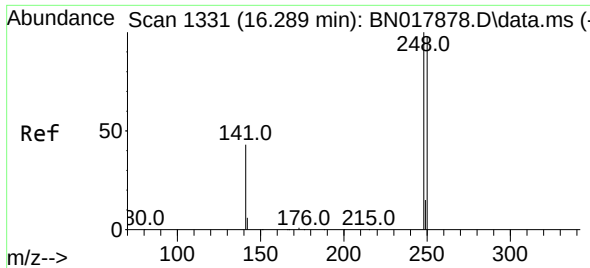
Tgt Ion:188 Resp: 139603  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.5 6.2 9.2#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.619 ng  
RT: 15.502 min Scan# 1268  
Delta R.T. 0.026 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

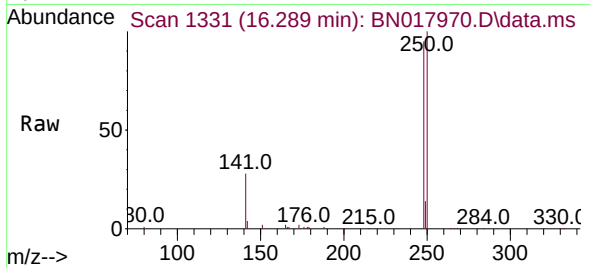
Tgt Ion:198 Resp: 136  
Ion Ratio Lower Upper  
198 100  
182 76.6 70.8 106.2  
77 0.0 0.0 0.0



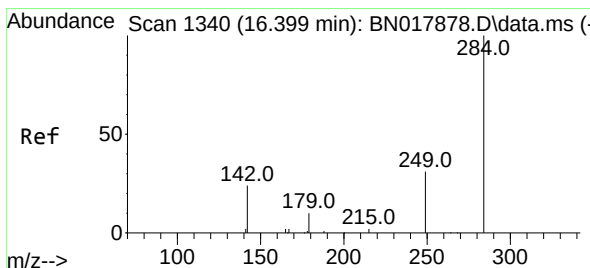
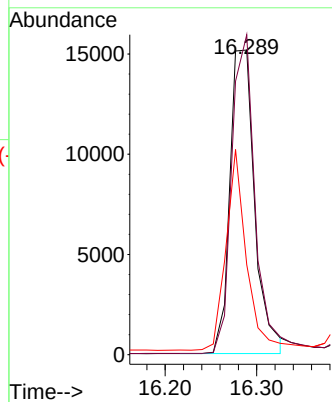
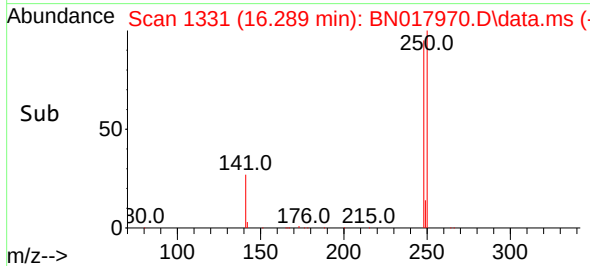


#21  
4-Bromophenyl-phenylether  
Concen: 0.357 ng  
RT: 16.289 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

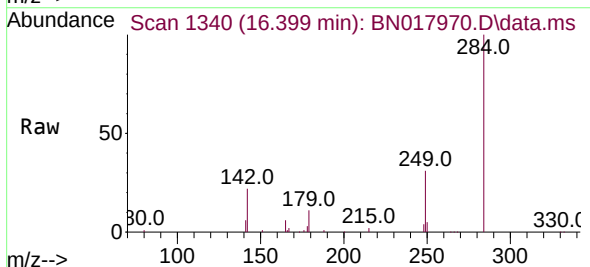
Instrument :  
BNA\_N  
ClientSampleId :



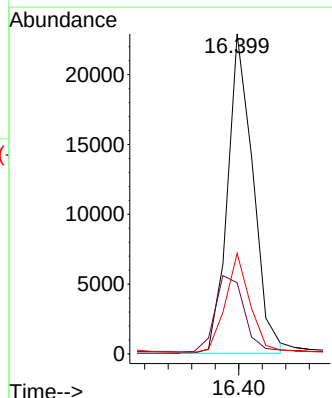
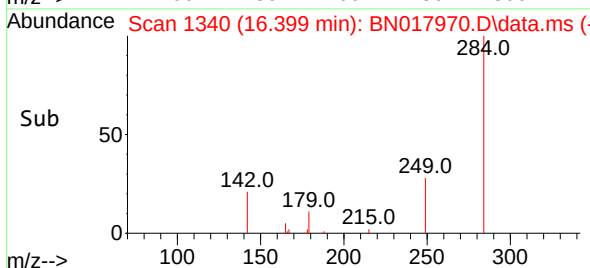
Tgt Ion:248 Resp: 28596  
Ion Ratio Lower Upper  
248 100  
250 105.1 78.6 117.8  
141 29.5 34.6 51.8#

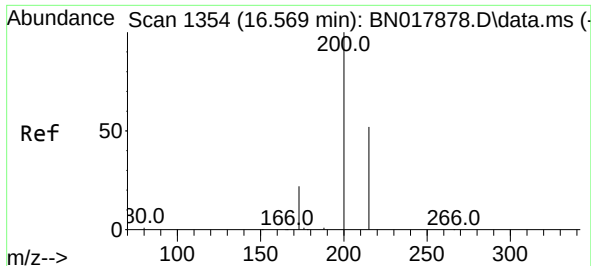


#22  
Hexachlorobenzene  
Concen: 0.329 ng  
RT: 16.399 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54



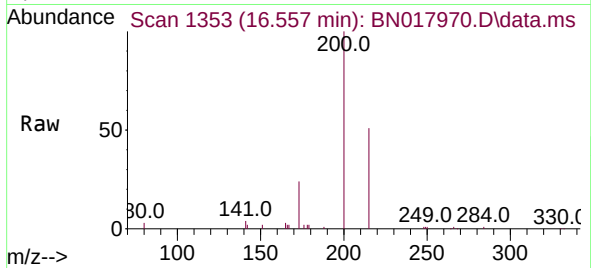
Tgt Ion:284 Resp: 34278  
Ion Ratio Lower Upper  
284 100  
142 27.4 21.2 31.8  
249 29.7 23.2 34.8



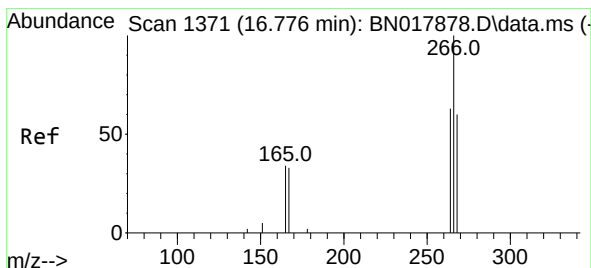
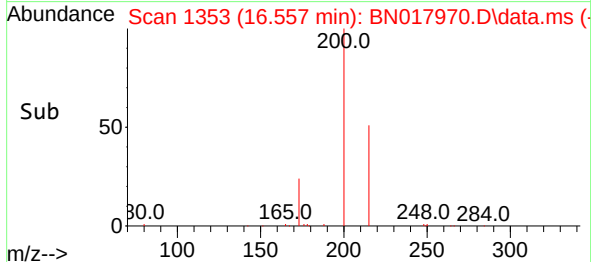
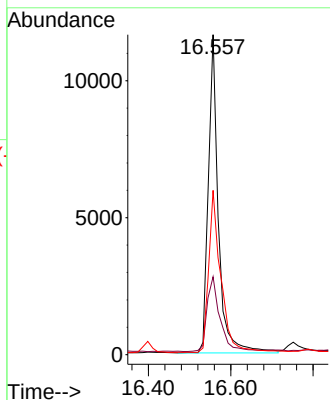


#23  
 Atrazine  
 Concen: 0.379 ng  
 RT: 16.557 min Scan# 1353  
 Delta R.T. -0.012 min  
 Lab File: BN017970.D  
 Acq: 13 Dec 2021 13:54

Instrument :  
 BNA\_N  
 ClientSampleId :

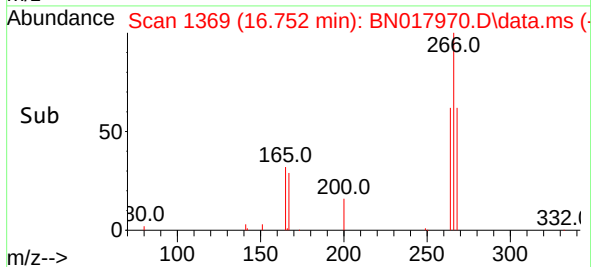
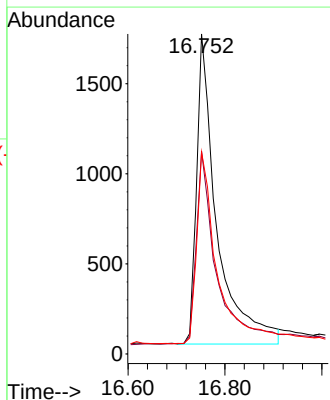
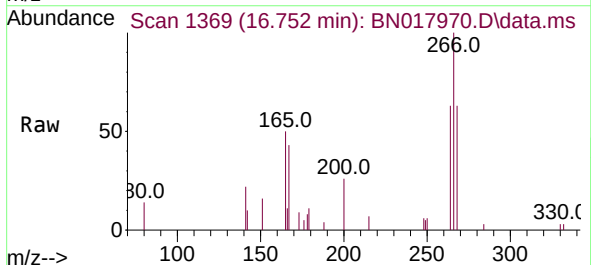


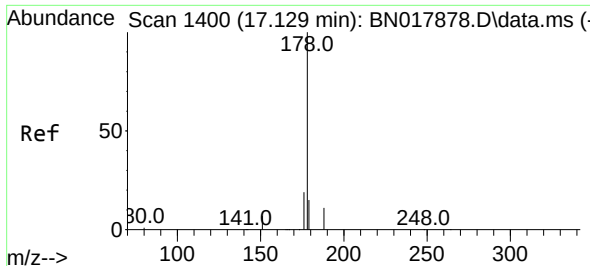
Tgt Ion:200 Resp: 19740  
 Ion Ratio Lower Upper  
 200 100  
 173 24.3 18.2 27.2  
 215 51.3 41.8 62.8



#24  
 Pentachlorophenol  
 Concen: 1.040 ng  
 RT: 16.752 min Scan# 1369  
 Delta R.T. -0.024 min  
 Lab File: BN017970.D  
 Acq: 13 Dec 2021 13:54

Tgt Ion:266 Resp: 5000  
 Ion Ratio Lower Upper  
 266 100  
 264 62.4 50.6 76.0  
 268 63.3 53.7 80.5

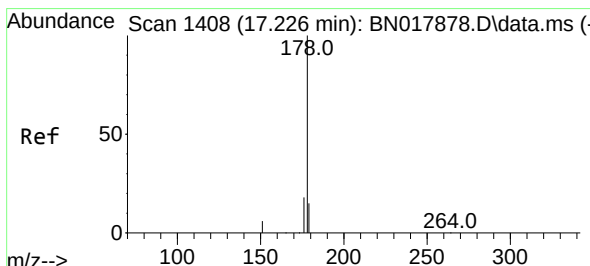
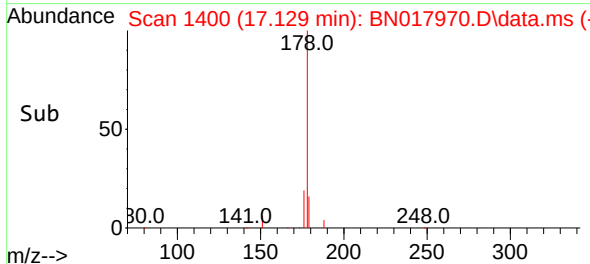
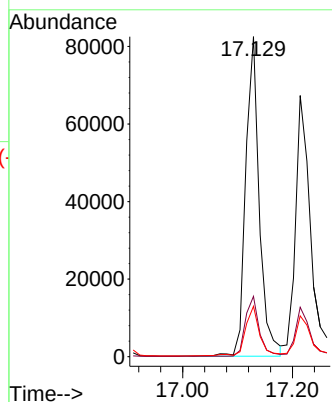
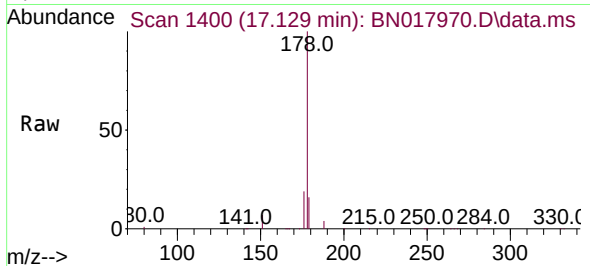




#25  
Phenanthrene  
Concen: 0.395 ng  
RT: 17.129 min Scan# 1400  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

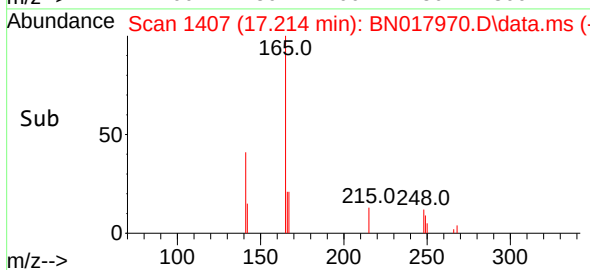
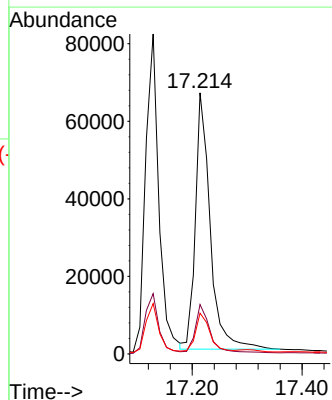
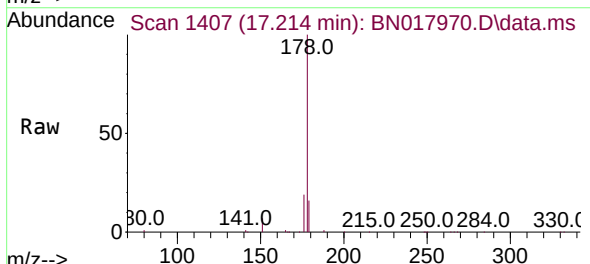
Instrument :  
BNA\_N  
ClientSampleId :

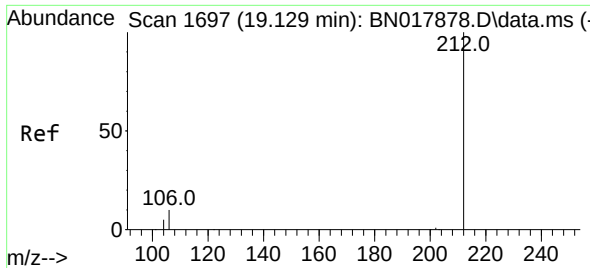
Tgt Ion:178 Resp: 140980  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.0 22.6  
179 16.2 12.4 18.6



#26  
Anthracene  
Concen: 0.419 ng  
RT: 17.214 min Scan# 1407  
Delta R.T. -0.012 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

Tgt Ion:178 Resp: 124548  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.3 21.5  
179 14.0 12.2 18.4

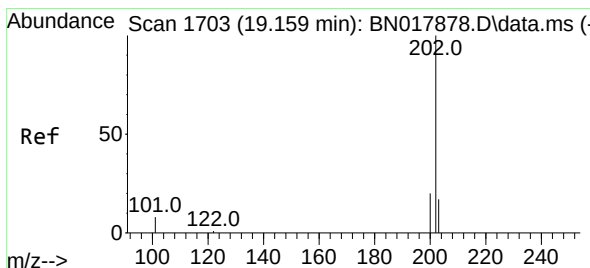
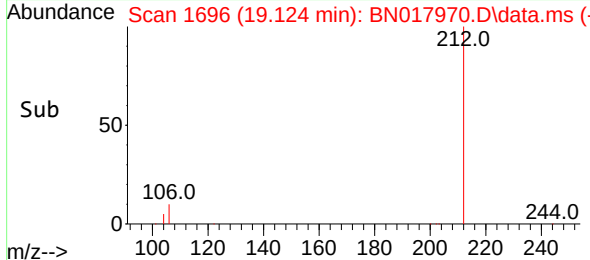
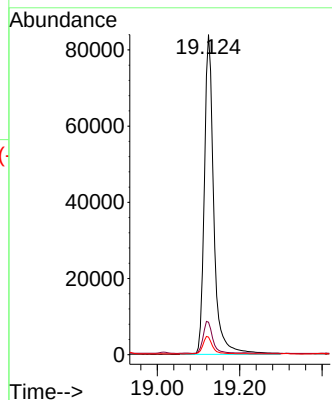
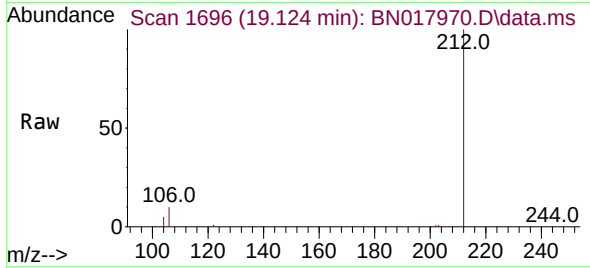




#27  
Fluoranthene-d10  
Concen: 0.295 ng  
RT: 19.124 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

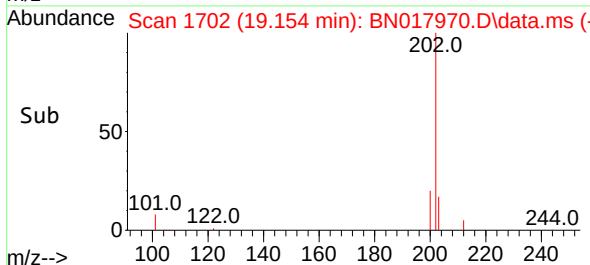
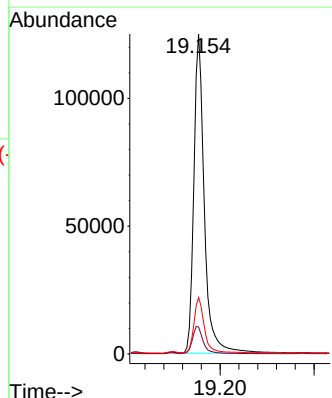
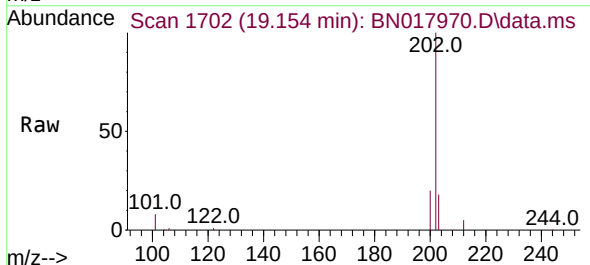
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:212 Resp: 133665  
Ion Ratio Lower Upper  
212 100  
106 10.0 8.3 12.5  
104 5.6 4.6 6.8

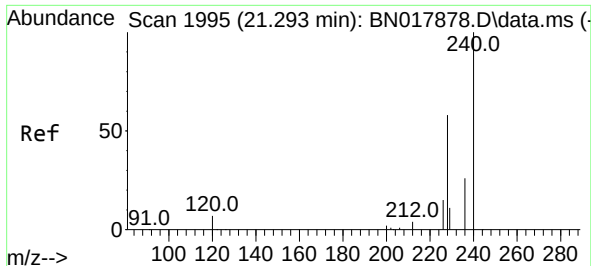


#28  
Fluoranthene  
Concen: 0.441 ng  
RT: 19.154 min Scan# 1702  
Delta R.T. -0.005 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

Tgt Ion:202 Resp: 193769  
Ion Ratio Lower Upper  
202 100  
101 8.8 7.3 10.9  
203 17.0 13.7 20.5

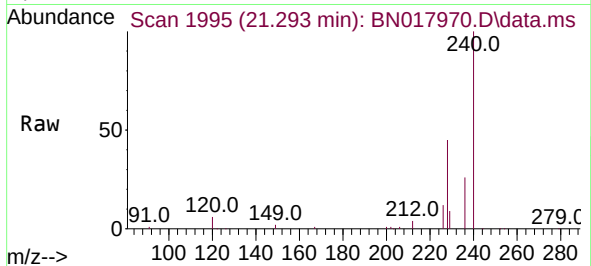




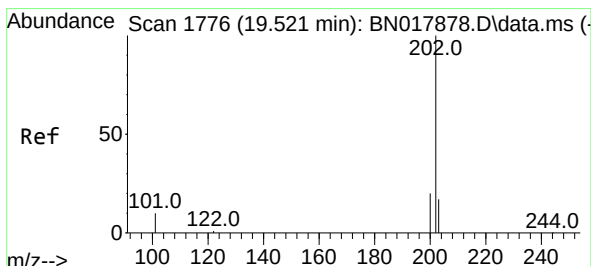
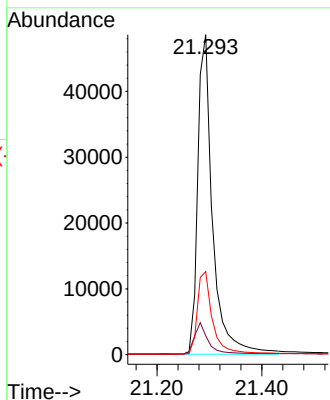
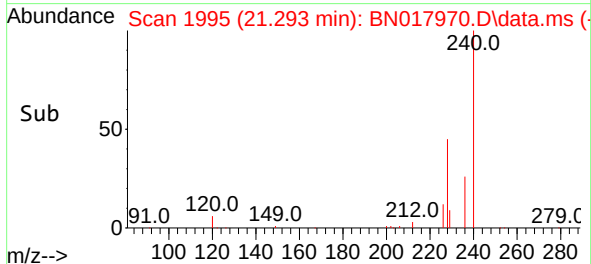


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.293 min Scan# 1995  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

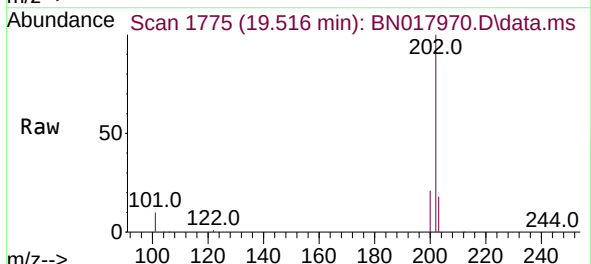
Instrument :  
BNA\_N  
ClientSampleId :



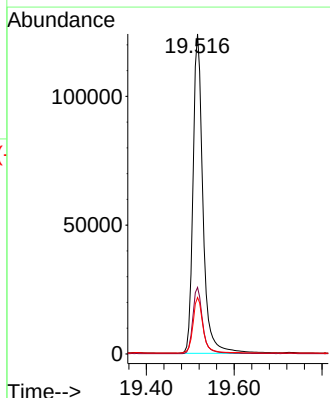
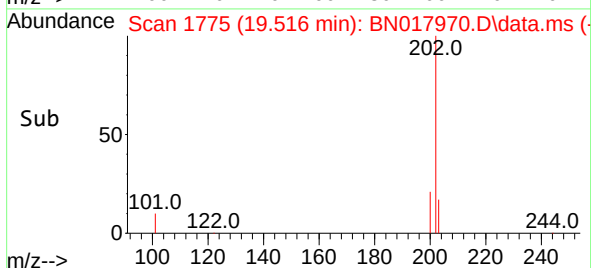
Tgt Ion:240 Resp: 95563  
Ion Ratio Lower Upper  
240 100  
120 5.9 5.8 8.8  
236 26.0 21.0 31.6

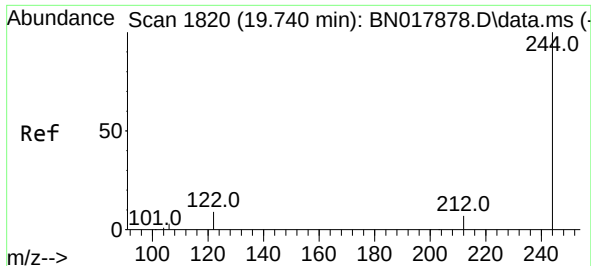


#30  
Pyrene  
Concen: 0.521 ng  
RT: 19.516 min Scan# 1775  
Delta R.T. -0.005 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54



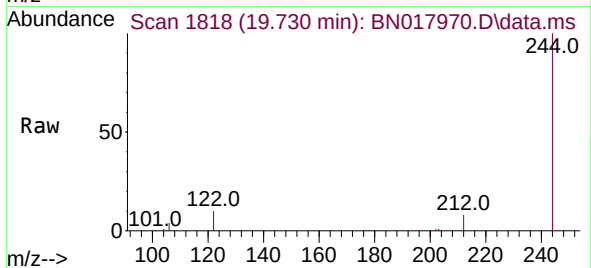
Tgt Ion:202 Resp: 195416  
Ion Ratio Lower Upper  
202 100  
200 20.7 16.5 24.7  
203 17.6 14.0 21.0



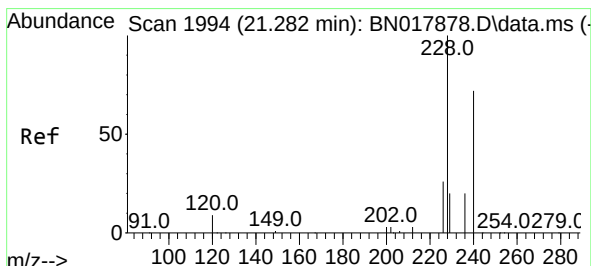
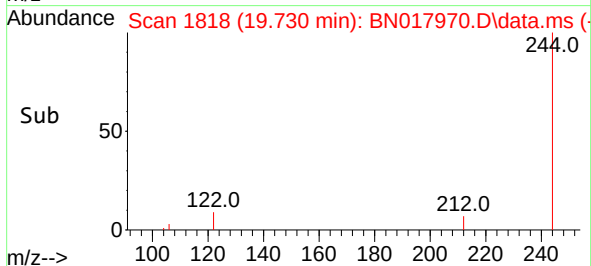
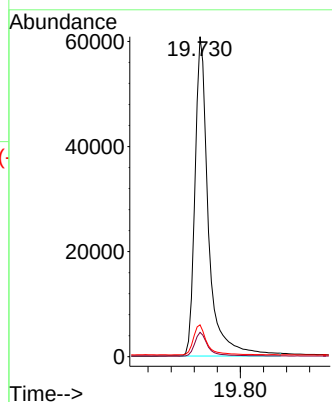


#31  
 Terphenyl-d14  
 Concen: 0.423 ng  
 RT: 19.730 min Scan# 1818  
 Delta R.T. -0.010 min  
 Lab File: BN017970.D  
 Acq: 13 Dec 2021 13:54

Instrument :  
 BNA\_N  
 ClientSampleId :

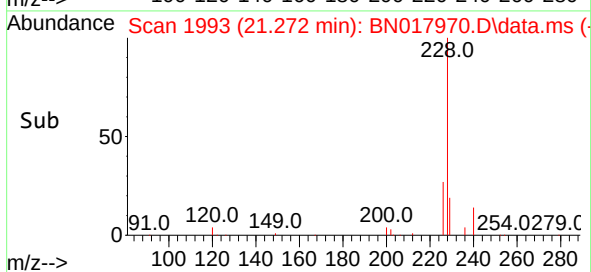
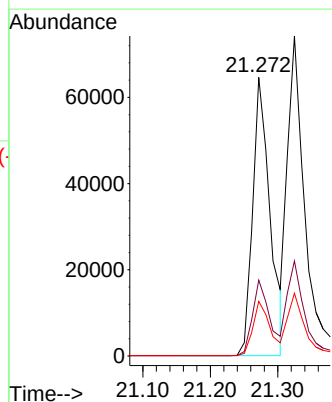
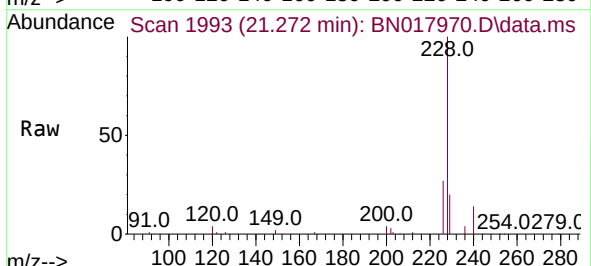


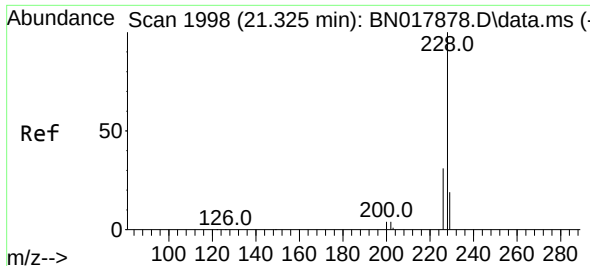
Tgt Ion:244 Resp: 99642  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.2 9.2  
 122 10.0 7.5 11.3



#32  
 Benzo(a)anthracene  
 Concen: 0.427 ng  
 RT: 21.272 min Scan# 1993  
 Delta R.T. -0.010 min  
 Lab File: BN017970.D  
 Acq: 13 Dec 2021 13:54

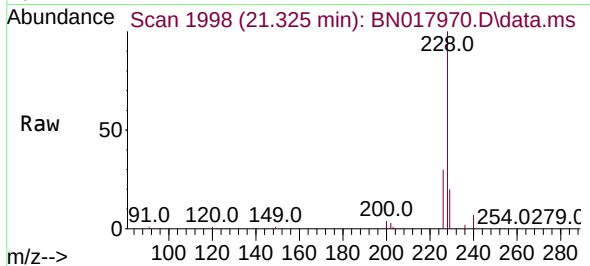
Tgt Ion:228 Resp: 115605  
 Ion Ratio Lower Upper  
 228 100  
 226 27.2 21.0 31.4  
 229 19.6 15.8 23.8



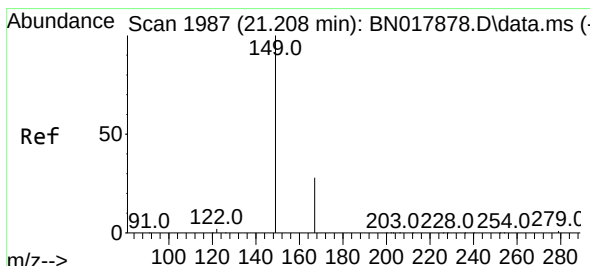
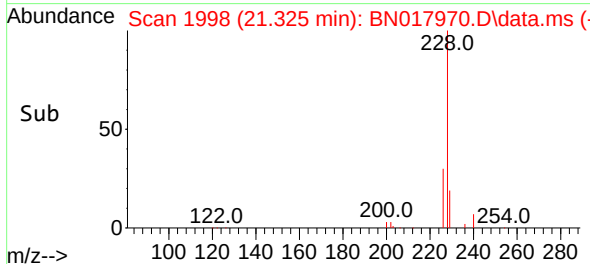
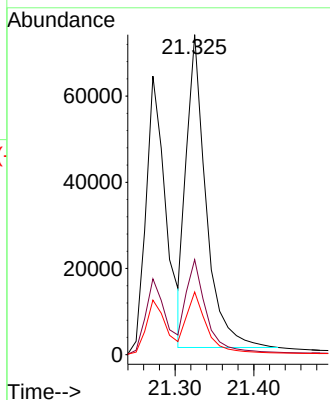


#33  
Chrysene  
Concen: 0.402 ng  
RT: 21.325 min Scan# 1998  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

Instrument :  
BNA\_N  
ClientSampleId :

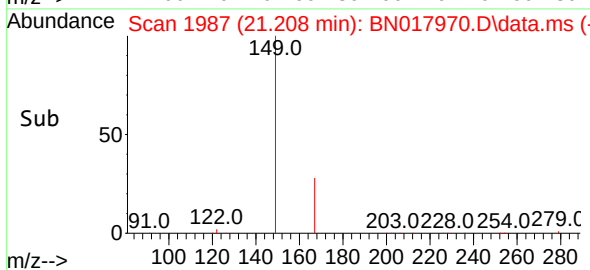
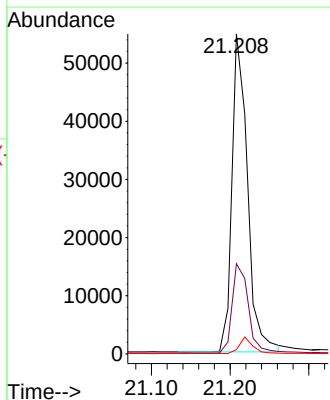
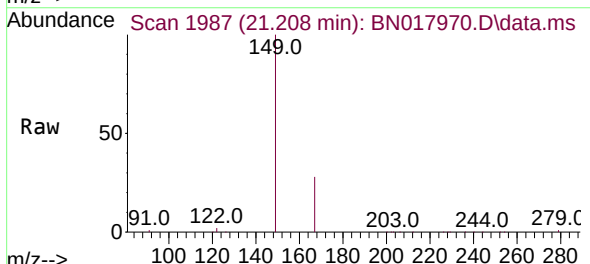


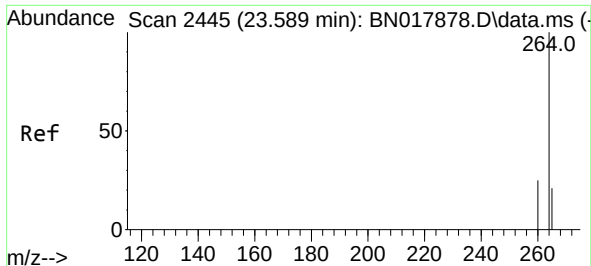
Tgt Ion:228 Resp: 126332  
Ion Ratio Lower Upper  
228 100  
226 29.7 23.8 35.8  
229 19.6 15.6 23.4



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.728 ng  
RT: 21.208 min Scan# 1987  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

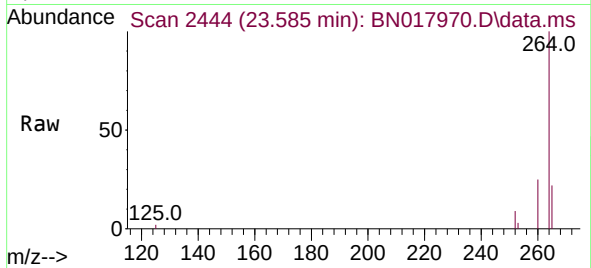
Tgt Ion:149 Resp: 74728  
Ion Ratio Lower Upper  
149 100  
167 29.4 23.4 35.0  
279 4.5 3.6 5.4





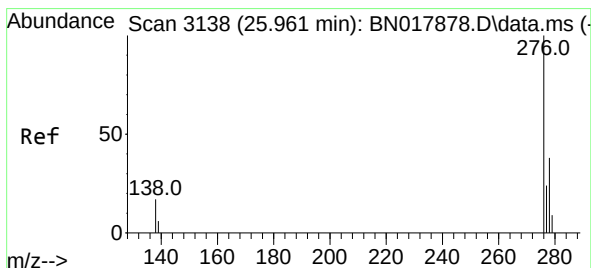
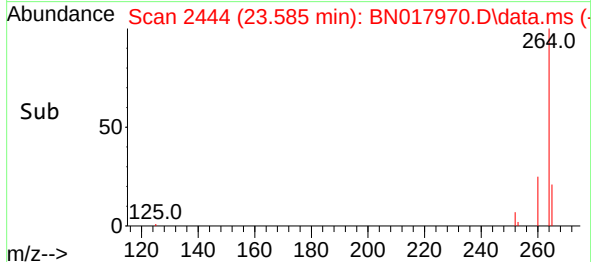
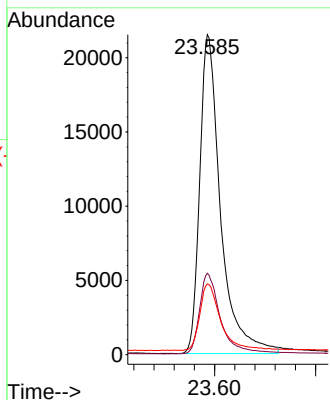
#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.585 min Scan# 2444  
Delta R.T. -0.004 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:264 Resp: 61548  

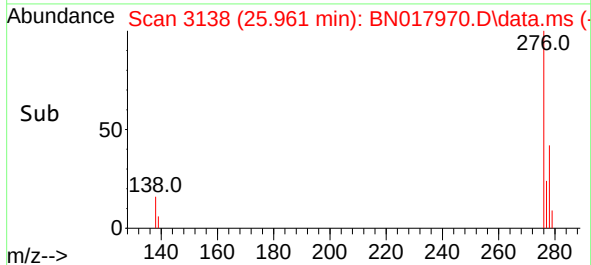
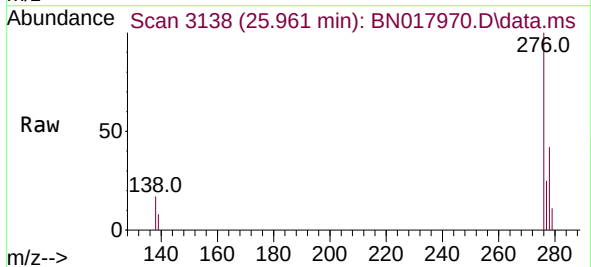
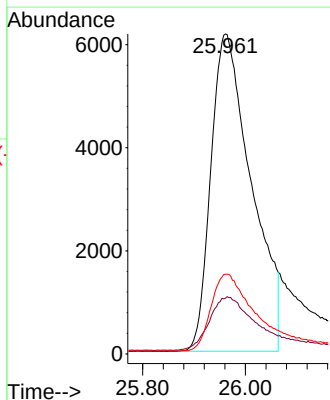
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.5  | 20.2  | 30.4  |
| 265 | 22.1  | 18.2  | 27.4  |

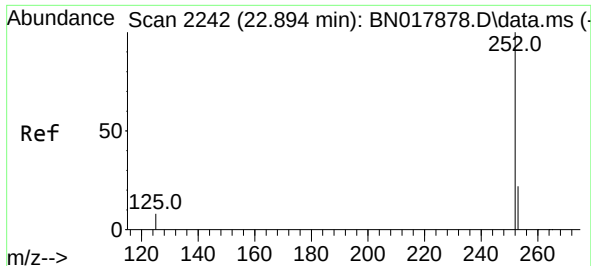


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.348 ng  
RT: 25.961 min Scan# 3138  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

Tgt Ion:276 Resp: 33719  

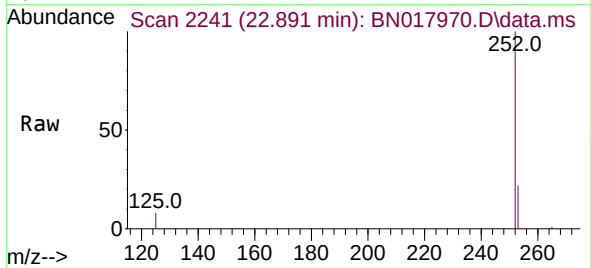
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 18.2  | 15.2  | 22.8  |
| 277 | 24.7  | 19.8  | 29.6  |



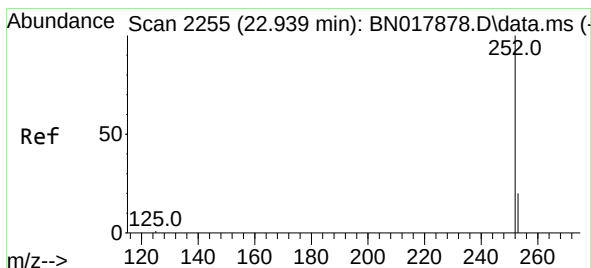
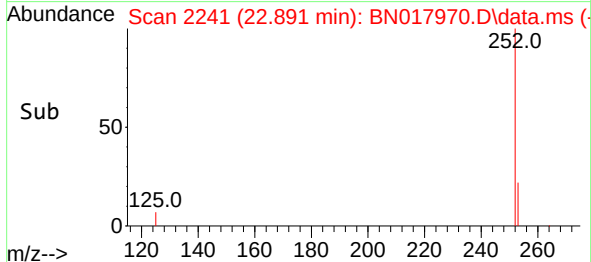
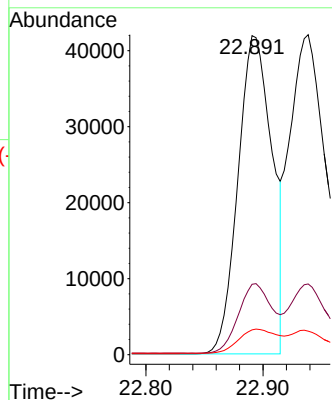


#37  
Benzo(b)fluoranthene  
Concen: 0.417 ng  
RT: 22.891 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

Instrument :  
BNA\_N  
ClientSampleId :

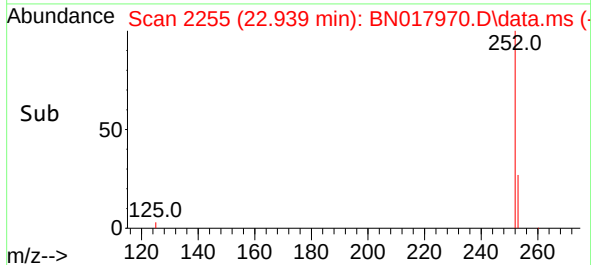
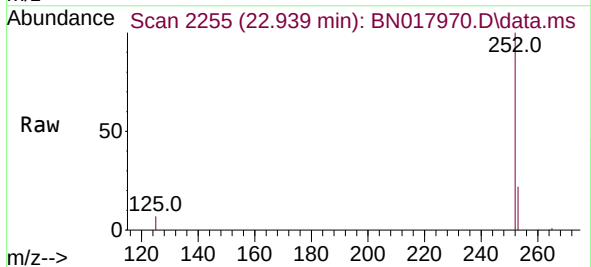
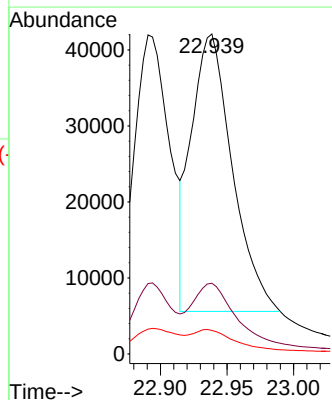


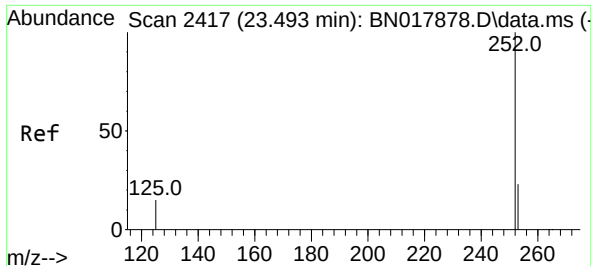
Tgt Ion:252 Resp: 84720  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.9 26.9  
125 7.8 6.8 10.2



#38  
Benzo(k)fluoranthene  
Concen: 0.394 ng  
RT: 22.939 min Scan# 2255  
Delta R.T. -0.000 min  
Lab File: BN017970.D  
Acq: 13 Dec 2021 13:54

Tgt Ion:252 Resp: 78009  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.6  
125 7.4 6.1 9.1





#39

Benzo(a)pyrene

Concen: 0.407 ng

RT: 23.486 min Scan# 2415

Delta R.T. -0.007 min

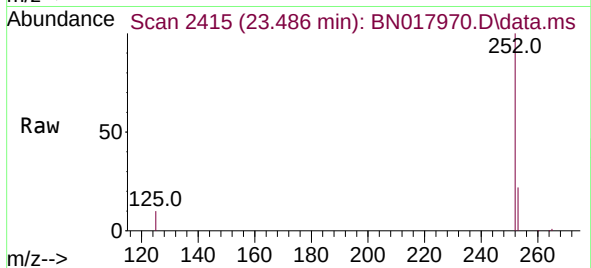
Lab File: BN017970.D

Acq: 13 Dec 2021 13:54

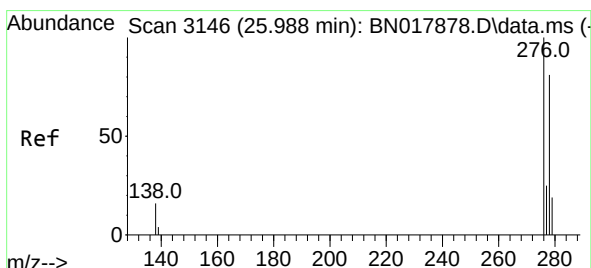
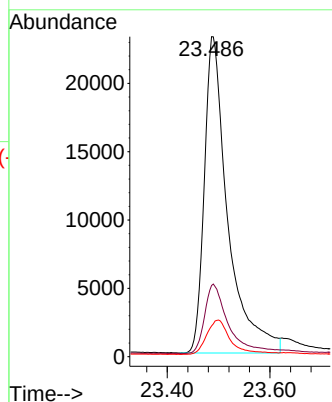
Instrument :

BNA\_N

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 73654 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.2  | 18.8  | 28.2  |
| 125       | 9.6   | 12.2  | 18.2# |



#40

Dibenzo(a,h)anthracene

Concen: 0.331 ng

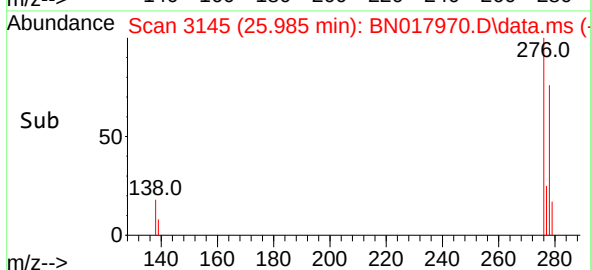
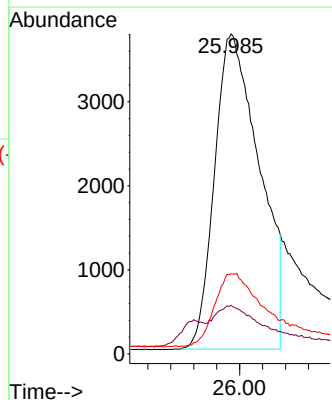
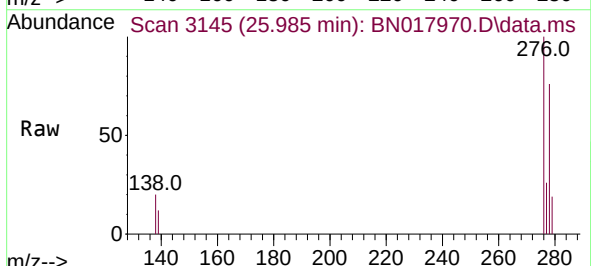
RT: 25.985 min Scan# 3145

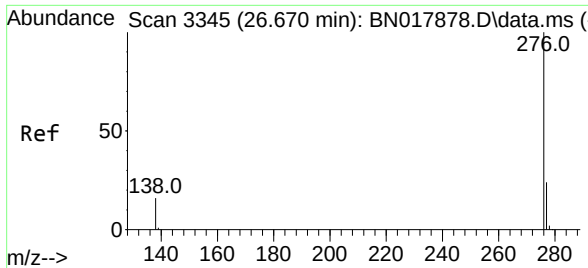
Delta R.T. -0.003 min

Lab File: BN017970.D

Acq: 13 Dec 2021 13:54

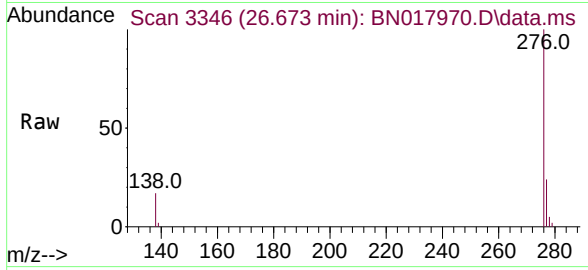
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 20321 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 15.2  | 12.0  | 18.0  |
| 279       | 25.0  | 20.8  | 31.2  |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.373 ng  
 RT: 26.673 min Scan# 31  
 Delta R.T. 0.003 min  
 Lab File: BN017970.D  
 Acq: 13 Dec 2021 13:54

Instrument :  
 BNA\_N  
 ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 36514 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.1  | 19.6  | 29.4  |
| 138       | 17.0  | 13.8  | 20.8  |

