

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071522\  
 Data File : BN020755.D  
 Acq On : 15 Jul 2022 20:53  
 Operator : CG/JU  
 Sample : SP5930  
 Misc : 8270 SIM SPIKE  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP5930

Quant Time: Jul 16 03:24:02 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 16 03:21:59 2022  
 Response via : Initial Calibration

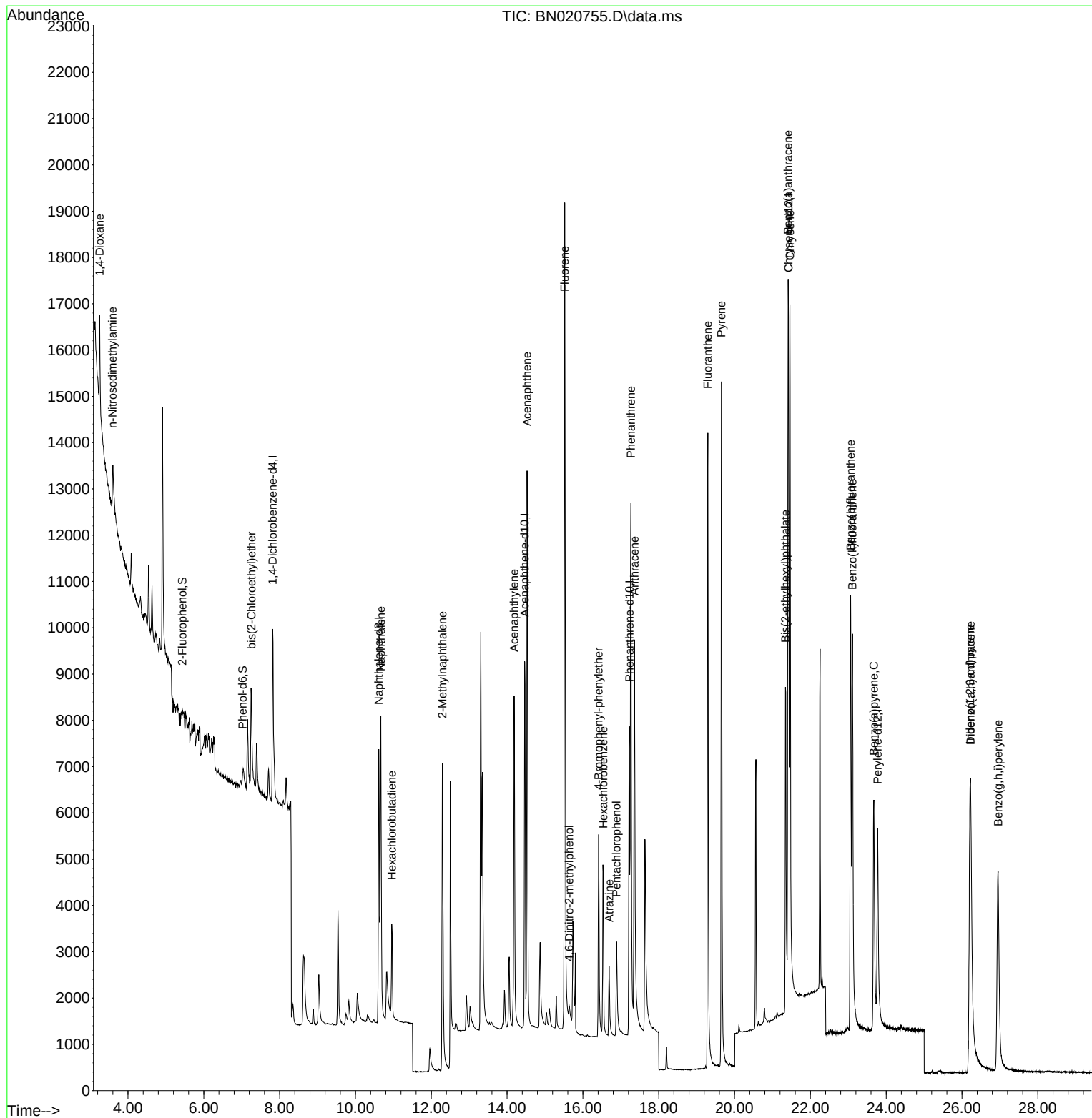
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.818  | 152  | 2258     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.616 | 136  | 8824     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.463 | 164  | 5297     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.226 | 188  | 11908    | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 21.422 | 240  | 9497     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.773 | 264  | 7374     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.435  | 112  | 173      | 0.028 | ng    | 0.04     |
| 5) Phenol-d6                  | 7.024  | 99   | 391      | 0.052 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 8.993  | 82   | 74       | 0.010 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10   | 12.197 | 152  | 103      | 0.007 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.974 | 330  | 28       | 0.014 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.095 | 172  | 66       | 0.003 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.257 | 212  | 1        | 0.000 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.877 | 244  | 54       | 0.002 | ng    | 0.01     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.254  | 88   | 1165     | 0.394 | ng    | # 69     |
| 3) n-Nitrosodimethylamine     | 3.593  | 42   | 1154     | 0.428 | ng    | 97       |
| 6) bis(2-Chloroethyl)ether    | 7.255  | 93   | 2386     | 0.370 | ng    | 96       |
| 9) Naphthalene                | 10.669 | 128  | 10002    | 0.380 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.957 | 225  | 1691     | 0.352 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.295 | 142  | 6328     | 0.361 | ng    | 99       |
| 16) Acenaphthylene            | 14.185 | 152  | 9031     | 0.355 | ng    | 99       |
| 17) Acenaphthene              | 14.527 | 154  | 6433     | 0.371 | ng    | 94       |
| 18) Fluorene                  | 15.521 | 166  | 8633     | 0.382 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.639 | 198  | 348      | 0.374 | ng    | # 49     |
| 21) 4-Bromophenyl-phenylether | 16.415 | 248  | 2520     | 0.364 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.538 | 284  | 2979     | 0.389 | ng    | 97       |
| 23) Atrazine                  | 16.692 | 200  | 1706     | 0.313 | ng    | 98       |
| 24) Pentachlorophenol         | 16.887 | 266  | 1403     | 0.754 | ng    | 97       |
| 25) Phenanthrene              | 17.267 | 178  | 14786    | 0.368 | ng    | 100      |
| 26) Anthracene                | 17.359 | 178  | 12370    | 0.357 | ng    | 100      |
| 28) Fluoranthene              | 19.295 | 202  | 15898    | 0.363 | ng    | 99       |
| 30) Pyrene                    | 19.653 | 202  | 16641    | 0.414 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.413 | 228  | 12712    | 0.375 | ng    | 98       |
| 33) Chrysene                  | 21.458 | 228  | 14886    | 0.396 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.342 | 149  | 6398     | 0.335 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.211 | 276  | 11541    | 0.351 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.062 | 252  | 13296    | 0.468 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 23.109 | 252  | 13197    | 0.436 | ng    | 96       |
| 39) Benzo(a)pyrene            | 23.673 | 252  | 10434    | 0.423 | ng    | 94       |
| 40) Dibenzo(a,h)anthracene    | 26.229 | 278  | 9390     | 0.356 | ng    | 95       |
| 41) Benzo(g,h,i)perylene      | 26.954 | 276  | 11538    | 0.401 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

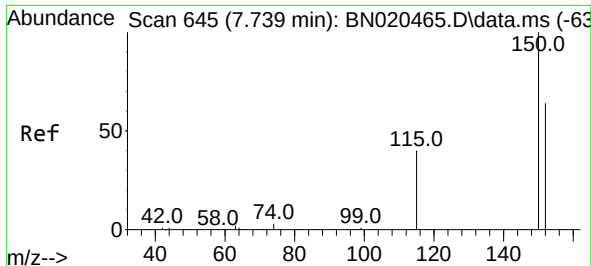
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : SP5930  
Misc : 8270 SIM SPIKE  
ALS Vial : 11 Sample Multiplier: 1

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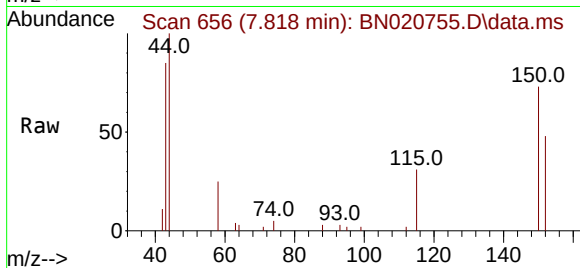
Quant Time: Jul 16 03:24:02 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
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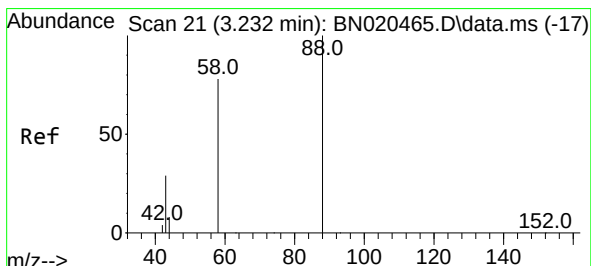
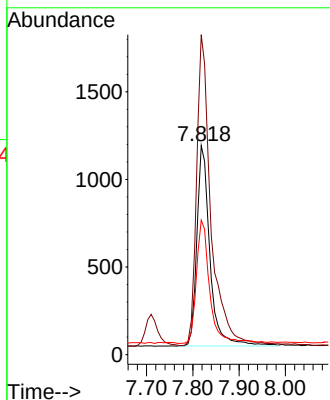
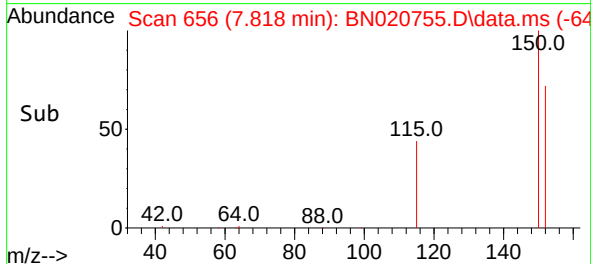


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.818 min Scan# 61  
 Delta R.T. 0.007 min  
 Lab File: BN020755.D  
 Acq: 15 Jul 2022 20:53

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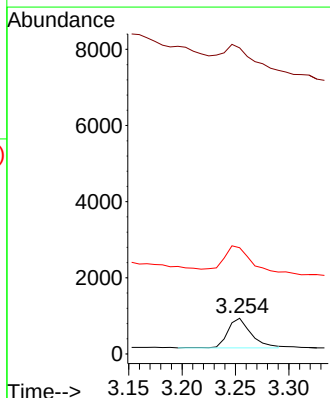
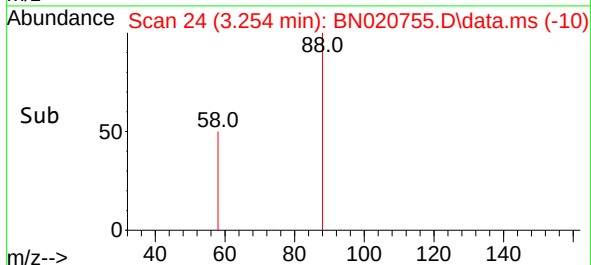
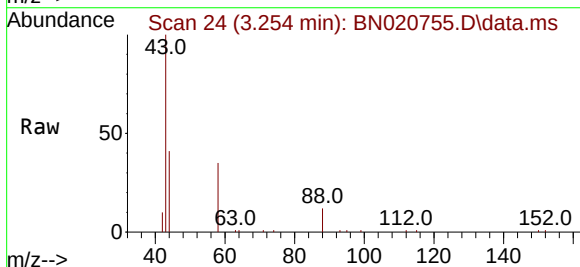


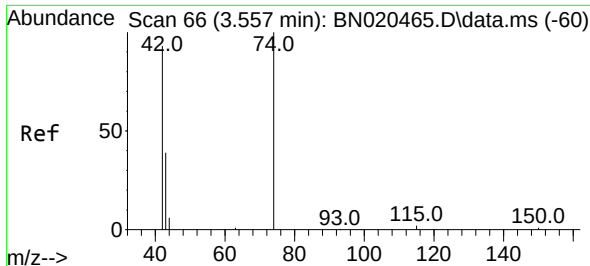
Tgt Ion:152 Resp: 2258  
 Ion Ratio Lower Upper  
 152 100  
 150 153.1 127.9 191.9  
 115 64.4 51.4 77.2



#2  
 1,4-Dioxane  
 Concen: 0.394 ng  
 RT: 3.254 min Scan# 24  
 Delta R.T. 0.000 min  
 Lab File: BN020755.D  
 Acq: 15 Jul 2022 20:53

Tgt Ion: 88 Resp: 1165  
 Ion Ratio Lower Upper  
 88 100  
 43 94.3 30.2 45.2#  
 58 96.5 73.0 109.6

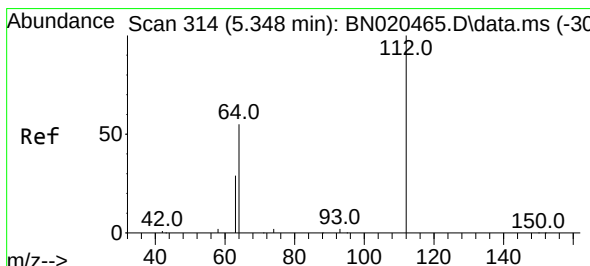
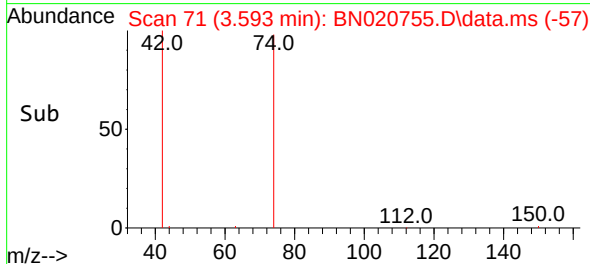
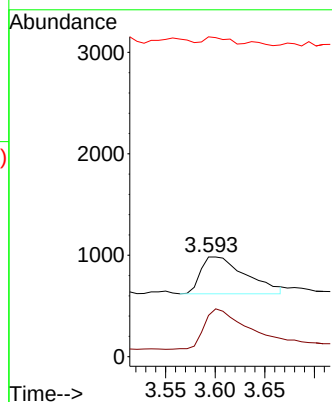
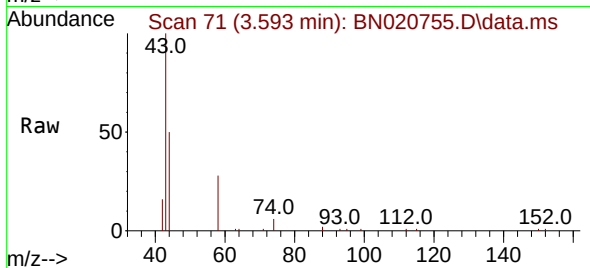




#3  
 n-Nitrosodimethylamine  
 Concen: 0.428 ng  
 RT: 3.593 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BN020755.D  
 Acq: 15 Jul 2022 20:53

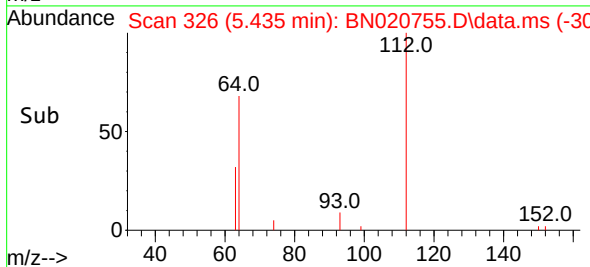
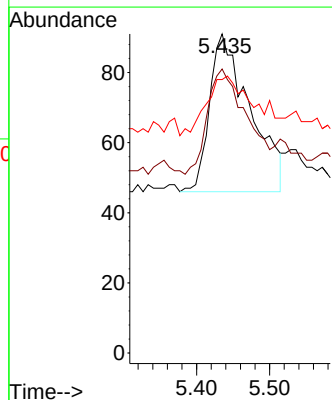
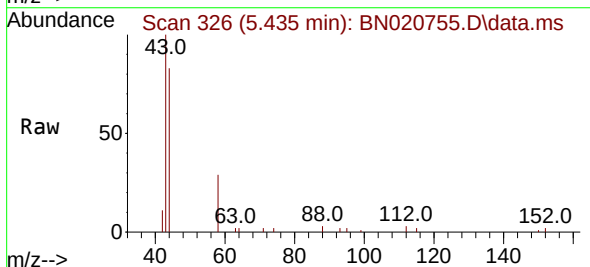
Instrument :  
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 ClientSampleId :  
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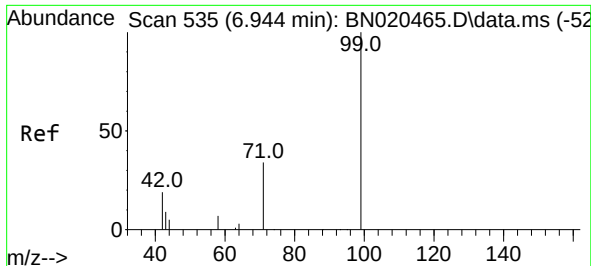
Tgt Ion: 42 Resp: 1154  
 Ion Ratio Lower Upper  
 42 100  
 74 107.8 84.0 126.0  
 44 11.1 9.8 14.8



#4  
 2-Fluorophenol  
 Concen: 0.028 ng  
 RT: 5.435 min Scan# 326  
 Delta R.T. 0.036 min  
 Lab File: BN020755.D  
 Acq: 15 Jul 2022 20:53

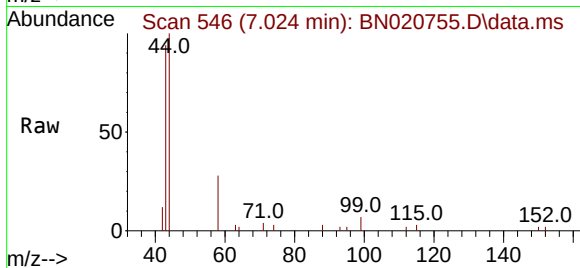
Tgt Ion: 112 Resp: 173  
 Ion Ratio Lower Upper  
 112 100  
 64 64.2 49.1 73.7  
 63 39.3 26.3 39.5



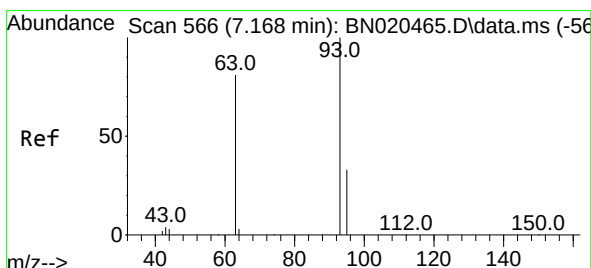
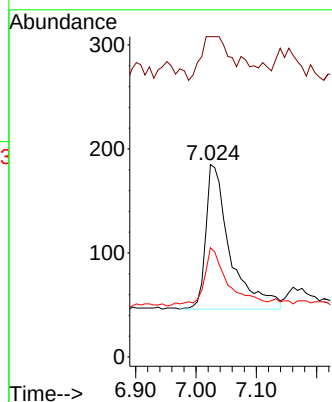
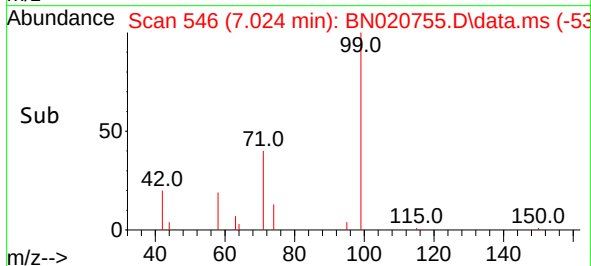


#5  
Phenol-d6  
Concen: 0.052 ng  
RT: 7.024 min Scan# 54  
Delta R.T. 0.014 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

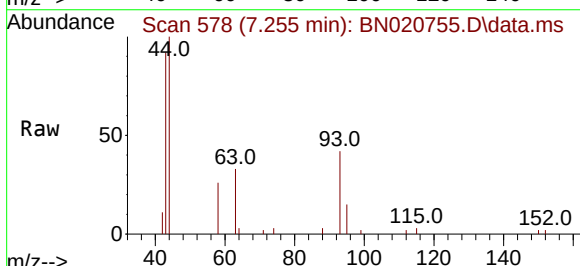
Instrument :  
BNA\_N  
ClientSampleId :  
SP5930



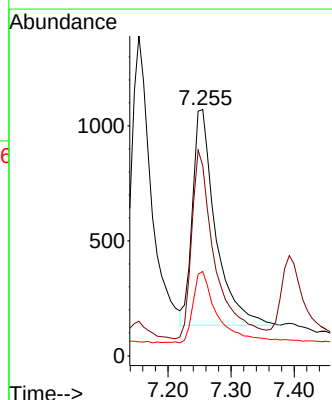
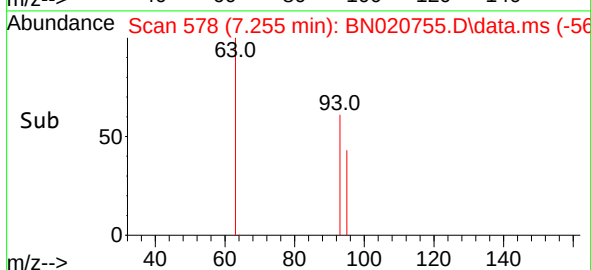
Tgt Ion: 99 Resp: 391  
Ion Ratio Lower Upper  
99 100  
42 33.8 19.3 28.9#  
71 39.4 27.5 41.3

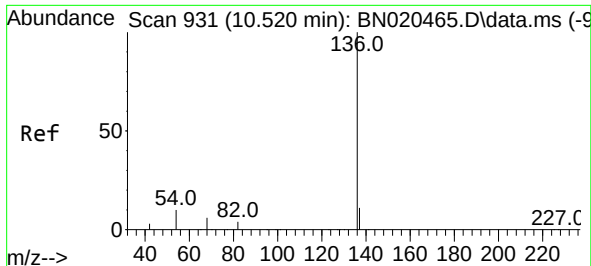


#6  
bis(2-Chloroethyl)ether  
Concen: 0.370 ng  
RT: 7.255 min Scan# 578  
Delta R.T. 0.014 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53



Tgt Ion: 93 Resp: 2386  
Ion Ratio Lower Upper  
93 100  
63 87.8 67.4 101.0  
95 35.5 26.5 39.7

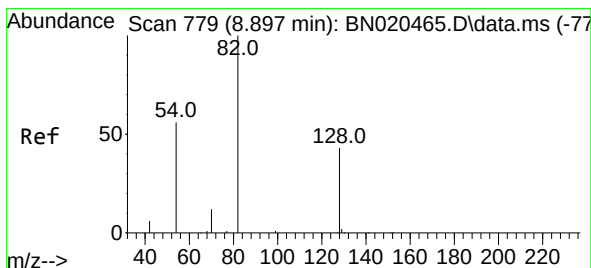
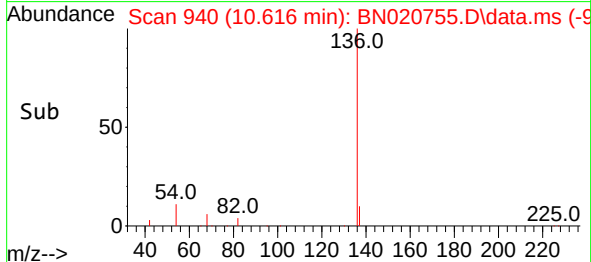
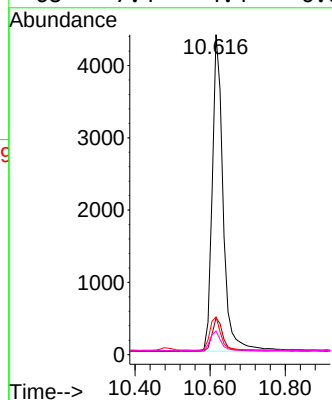
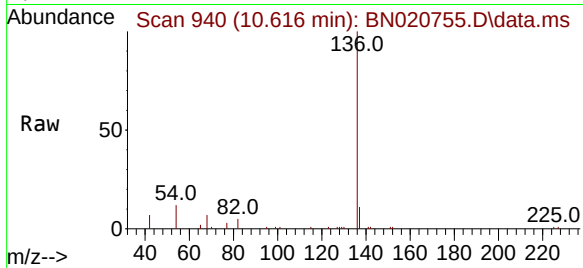




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.616 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

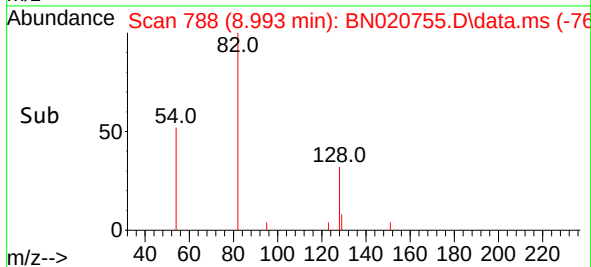
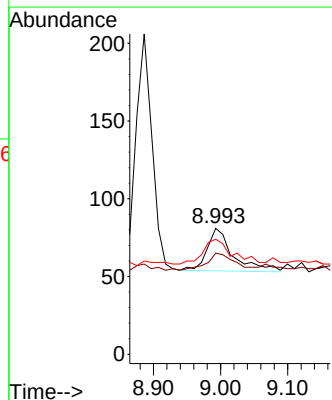
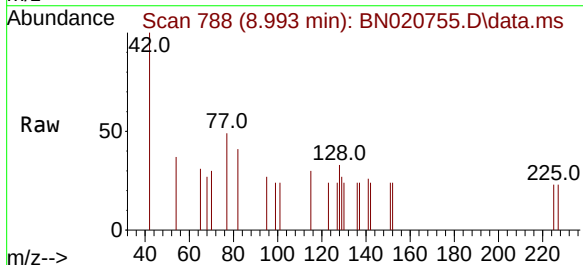
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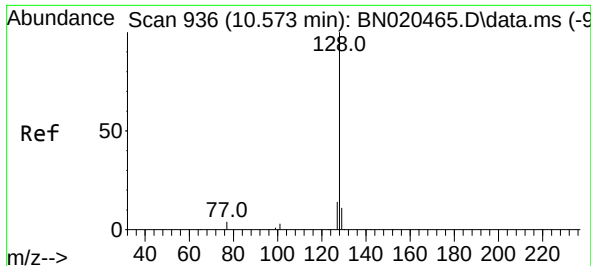
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|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 8824 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 11.5  | 9.0   | 13.6 |
| 54        | 11.8  | 6.2   | 9.2# |
| 68        | 7.4   | 4.4   | 6.6# |



#8  
Nitrobenzene-d5  
Concen: 0.010 ng  
RT: 8.993 min Scan# 788  
Delta R.T. 0.021 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 74    |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 80.2  | 35.0  | 52.6# |
| 54        | 91.4  | 46.2  | 69.4# |

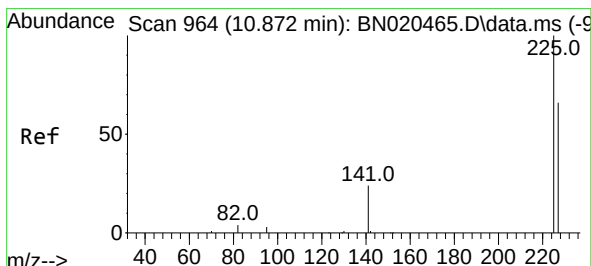
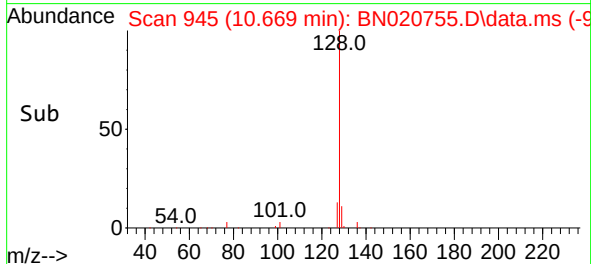
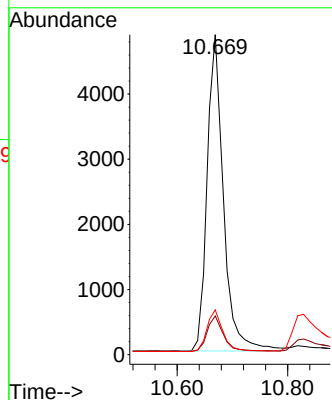
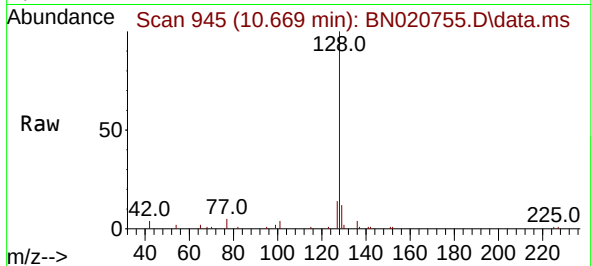




#9  
Naphthalene  
Concen: 0.380 ng  
RT: 10.669 min Scan# 945  
Delta R.T. 0.011 min  
Lab File: BN020755.D  
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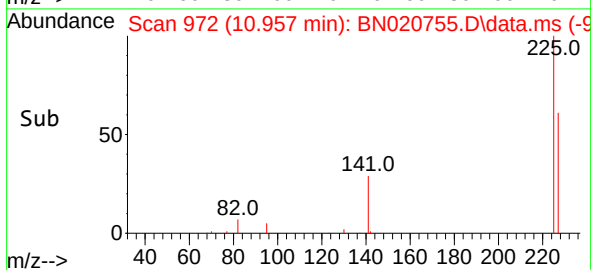
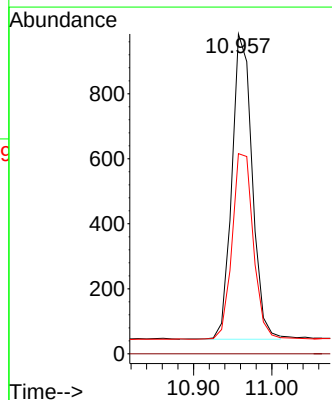
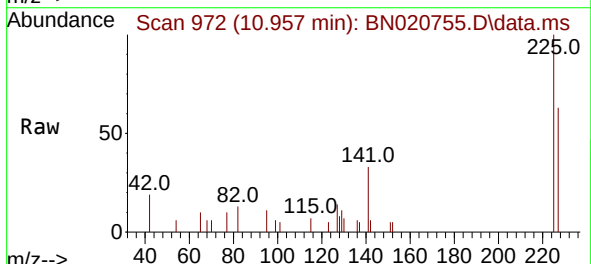
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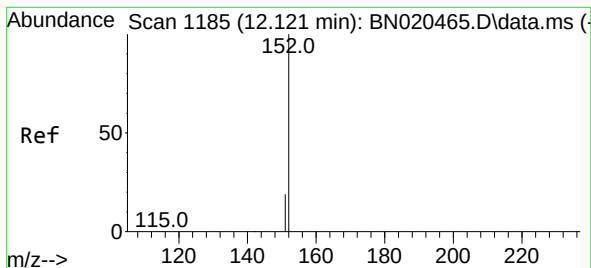
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Ion Ratio Lower Upper  
128 100  
129 12.1 8.9 13.3  
127 14.0 10.8 16.2



#10  
Hexachlorobutadiene  
Concen: 0.352 ng  
RT: 10.957 min Scan# 972  
Delta R.T. 0.000 min  
Lab File: BN020755.D  
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Tgt Ion:225 Resp: 1691  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.5 50.9 76.3

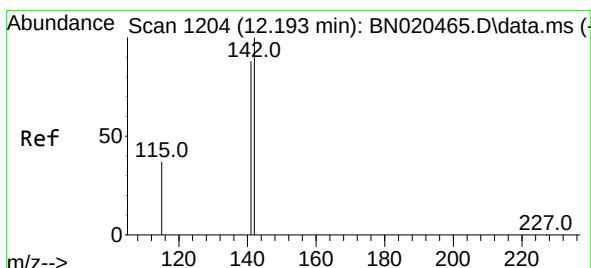
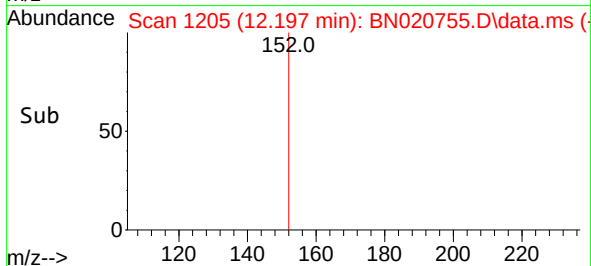
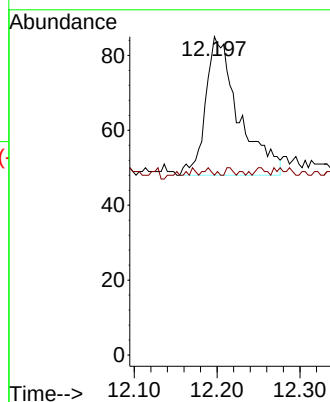
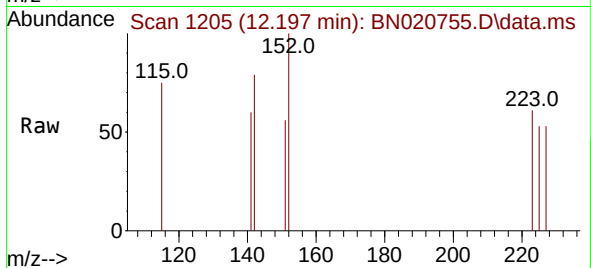




#11  
2-Methylnaphthalene-d10  
Concen: 0.007 ng  
RT: 12.197 min Scan# 1185  
Delta R.T. -0.015 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

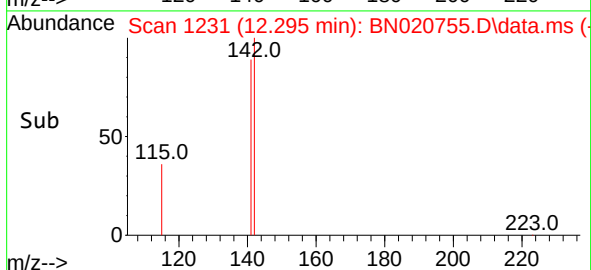
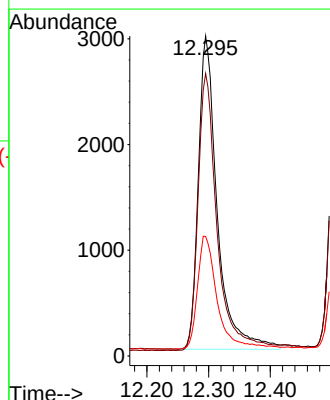
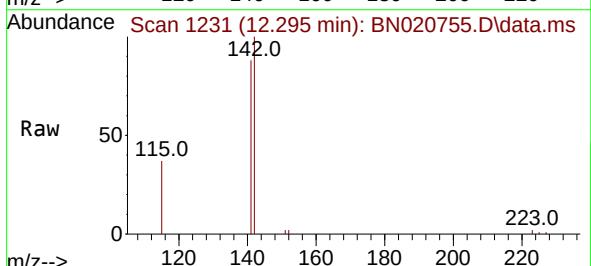
Instrument :  
BNA\_N  
ClientSampleId :  
SP5930

Tgt Ion:152 Resp: 103  
Ion Ratio Lower Upper  
152 100  
151 1.0 16.2 24.4#

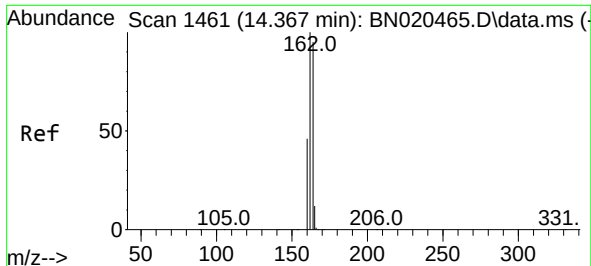


#12  
2-Methylnaphthalene  
Concen: 0.361 ng  
RT: 12.295 min Scan# 1231  
Delta R.T. 0.008 min  
Lab File: BN020755.D  
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Tgt Ion:142 Resp: 6328  
Ion Ratio Lower Upper  
142 100  
141 88.3 71.6 107.4  
115 37.4 29.8 44.8



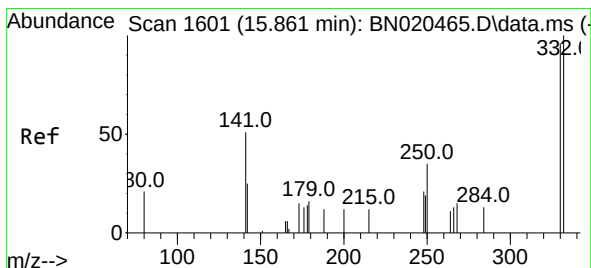
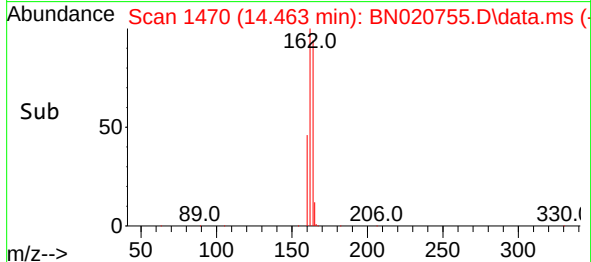
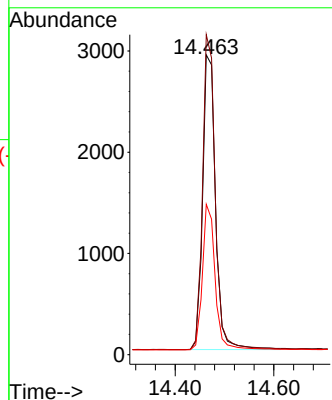
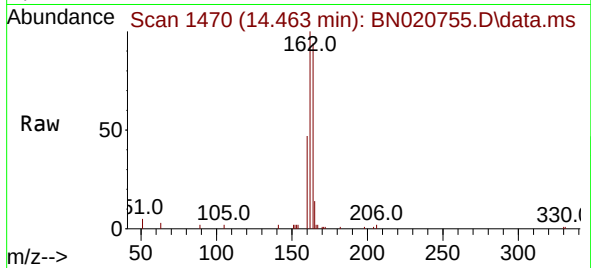




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.463 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

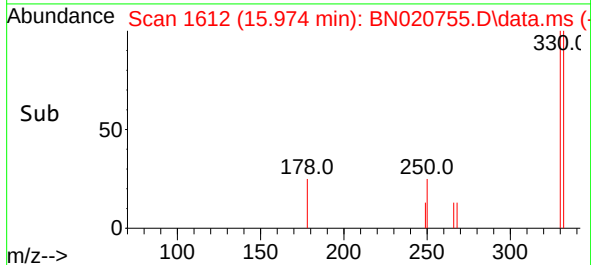
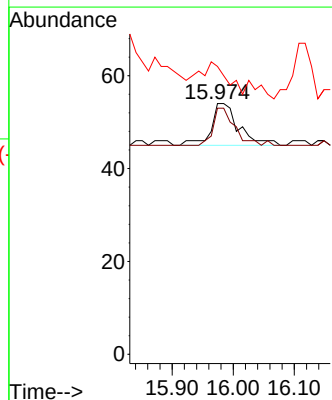
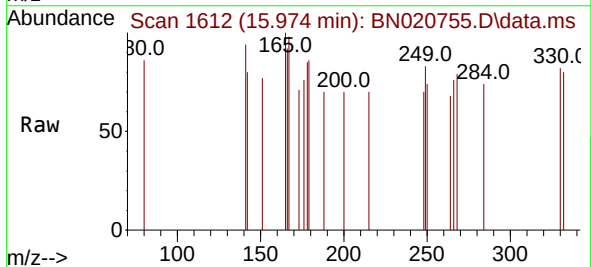
Instrument :  
BNA\_N  
ClientSampleId :  
SP5930

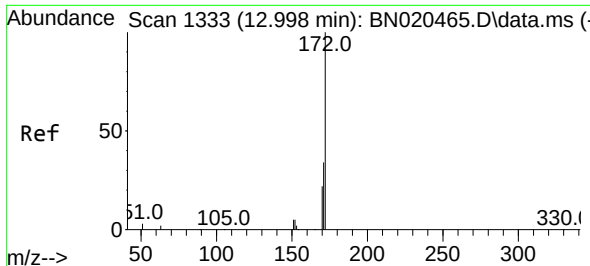
Tgt Ion:164 Resp: 5297  
Ion Ratio Lower Upper  
164 100  
162 106.7 82.1 123.1  
160 50.1 38.6 58.0



#14  
2,4,6-Tribromophenol  
Concen: 0.014 ng  
RT: 15.974 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

Tgt Ion:330 Resp: 28  
Ion Ratio Lower Upper  
330 100  
332 71.4 77.6 116.4#  
141 78.6 41.0 61.4#

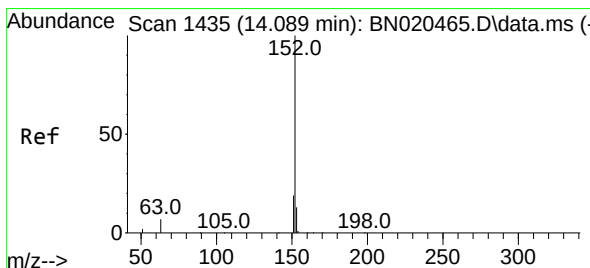
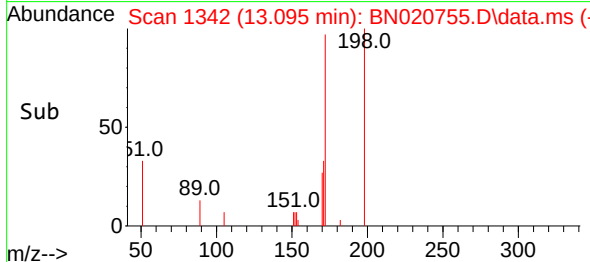
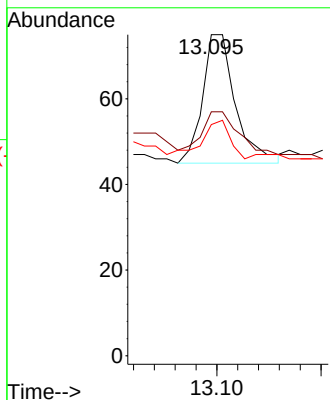
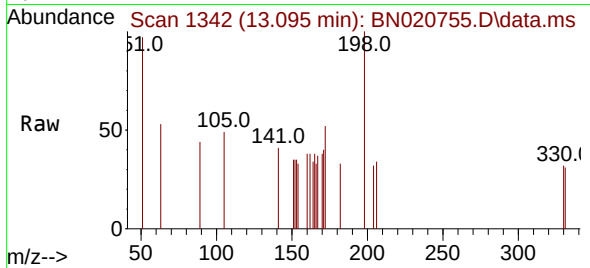




#15  
2-Fluorobiphenyl  
Concen: 0.003 ng  
RT: 13.095 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

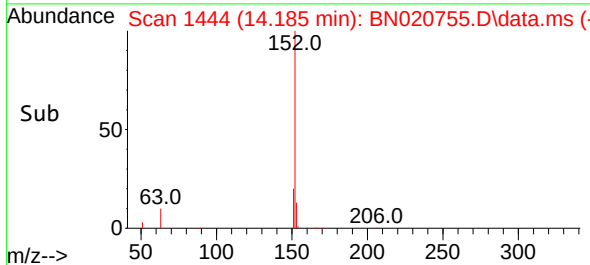
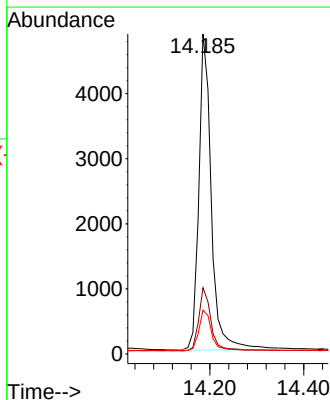
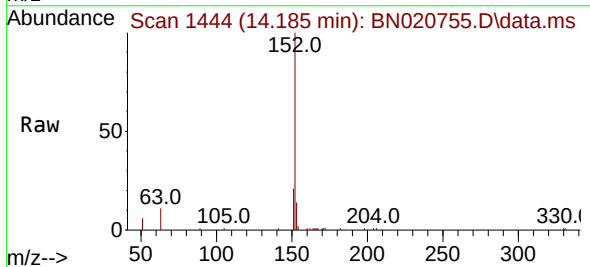
Instrument :  
BNA\_N  
ClientSampleId :  
SP5930

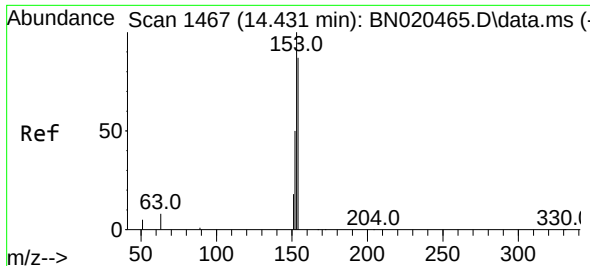
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 66    |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 76.0  | 27.2  | 40.8# |
| 170       | 72.0  | 18.2  | 27.4# |



#16  
Acenaphthylene  
Concen: 0.355 ng  
RT: 14.185 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 9031 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 19.8  | 16.2  | 24.4 |
| 153       | 13.0  | 10.7  | 16.1 |

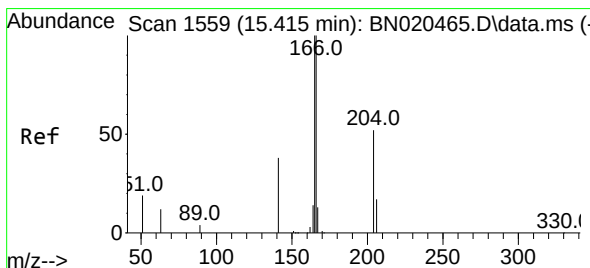
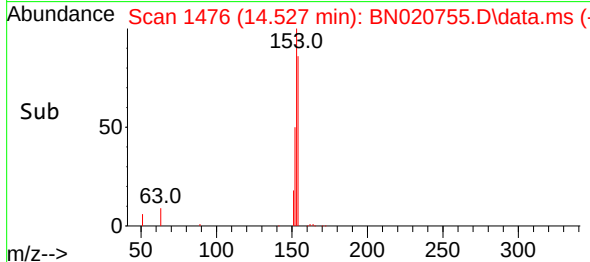
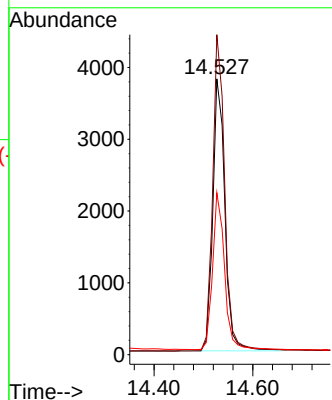
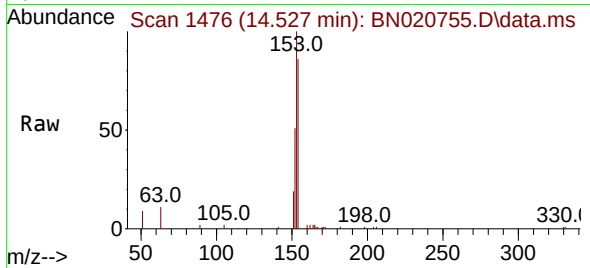




#17  
Acenaphthene  
Concen: 0.371 ng  
RT: 14.527 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

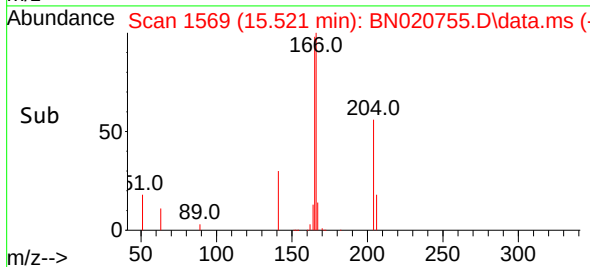
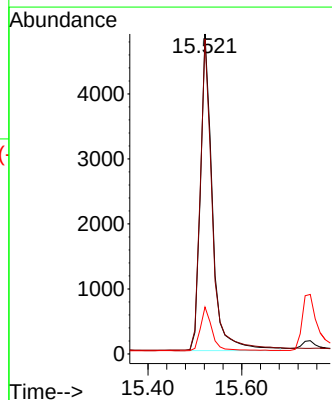
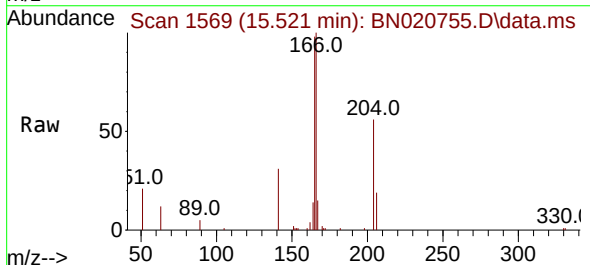
Instrument :  
BNA\_N  
ClientSampleId :  
SP5930

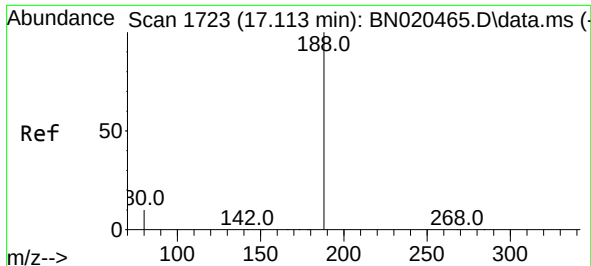
Tgt Ion:154 Resp: 6433  
Ion Ratio Lower Upper  
154 100  
153 116.6 87.5 131.3  
152 57.1 43.8 65.6



#18  
Fluorene  
Concen: 0.382 ng  
RT: 15.521 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

Tgt Ion:166 Resp: 8633  
Ion Ratio Lower Upper  
166 100  
165 97.9 78.6 118.0  
167 13.6 10.8 16.2

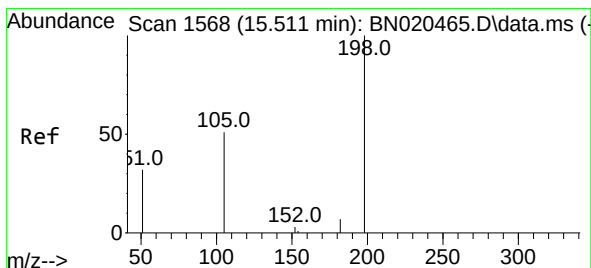
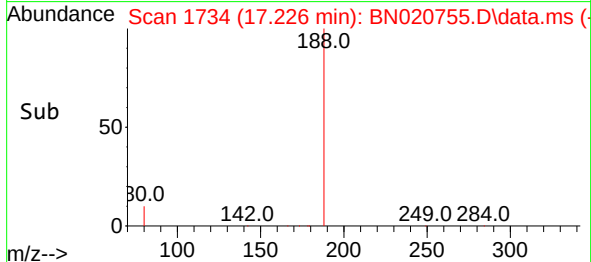
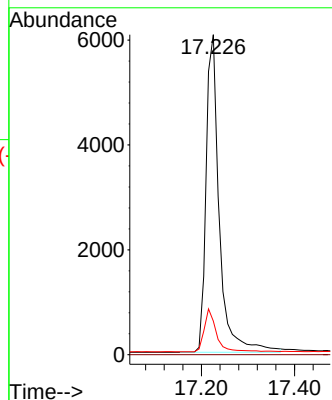
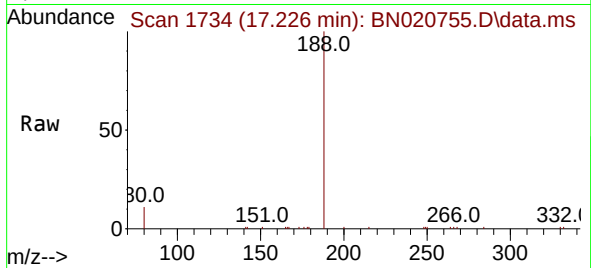




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.226 min Scan# 11  
Delta R.T. 0.010 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

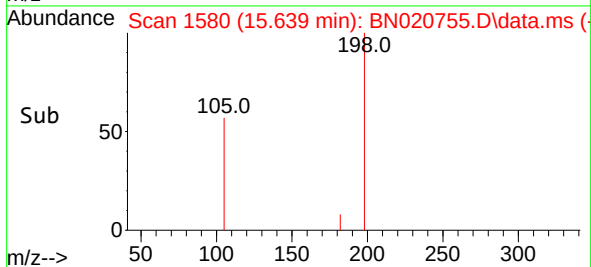
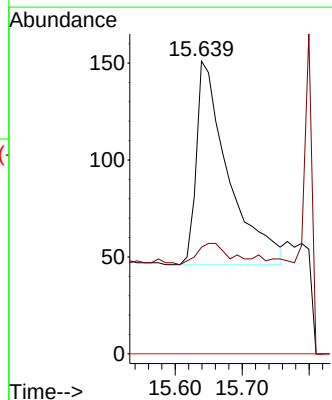
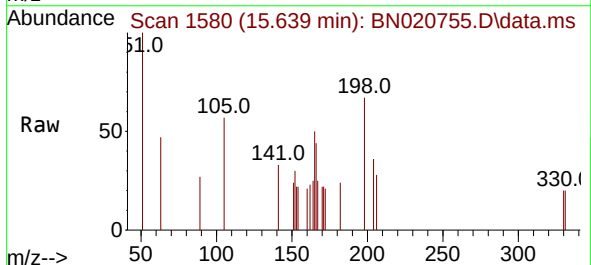
Instrument :  
BNA\_N  
ClientSampleId :  
SP5930

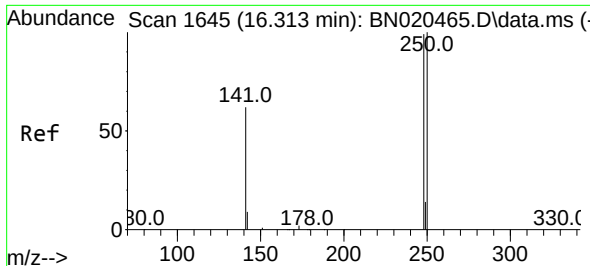
Tgt Ion:188 Resp: 11908  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.5 7.4 11.2



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.374 ng  
RT: 15.639 min Scan# 1580  
Delta R.T. 0.011 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

Tgt Ion:198 Resp: 348  
Ion Ratio Lower Upper  
198 100  
182 36.4 12.1 18.1#  
77 0.0 0.0 0.0

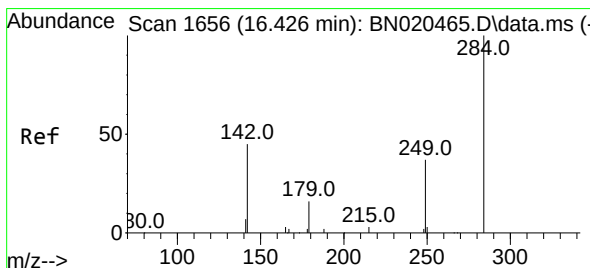
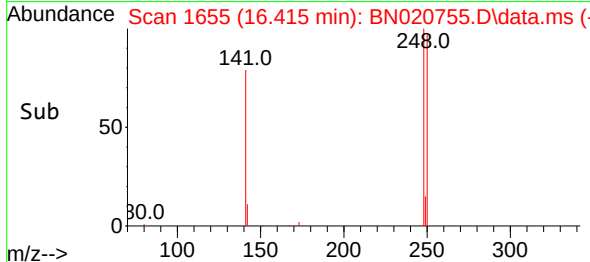
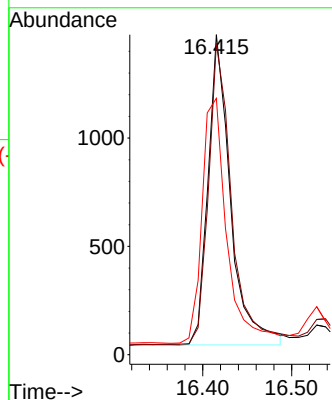
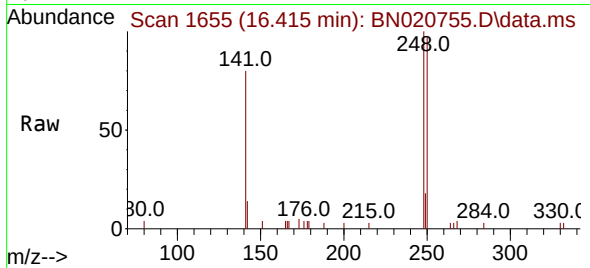




#21  
4-Bromophenyl-phenylether  
Concen: 0.364 ng  
RT: 16.415 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

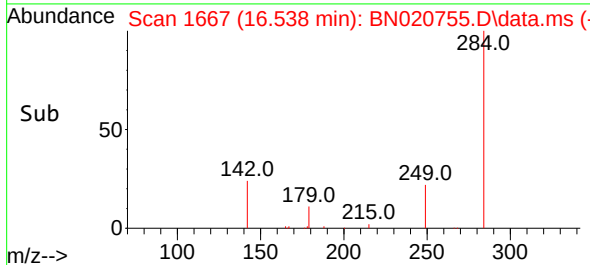
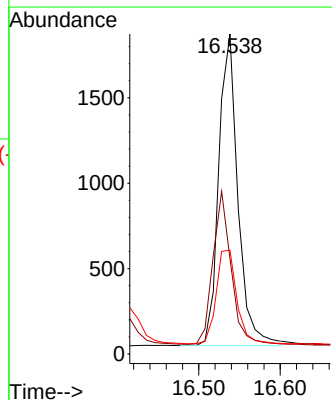
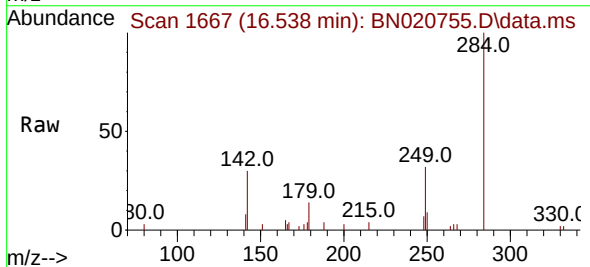
Instrument :  
BNA\_N  
ClientSampleId :  
SP5930

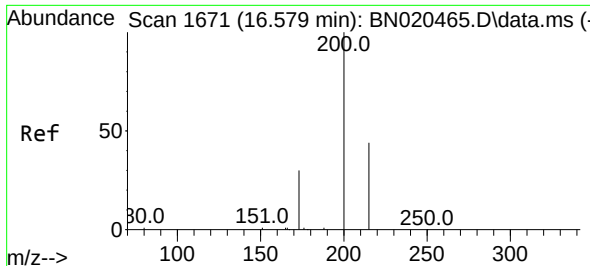
Tgt Ion:248 Resp: 2520  
Ion Ratio Lower Upper  
248 100  
250 97.3 75.3 112.9  
141 80.1 67.3 100.9



#22  
Hexachlorobenzene  
Concen: 0.389 ng  
RT: 16.538 min Scan# 1667  
Delta R.T. 0.010 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

Tgt Ion:284 Resp: 2979  
Ion Ratio Lower Upper  
284 100  
142 46.5 35.2 52.8  
249 32.3 26.6 40.0

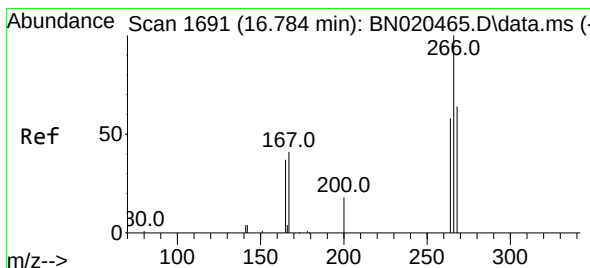
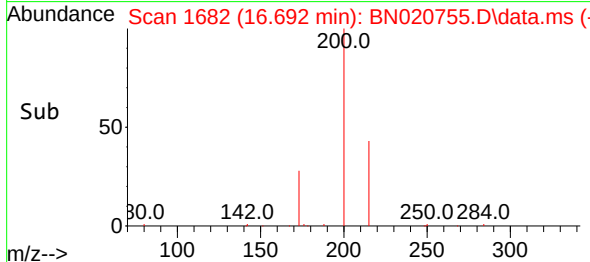
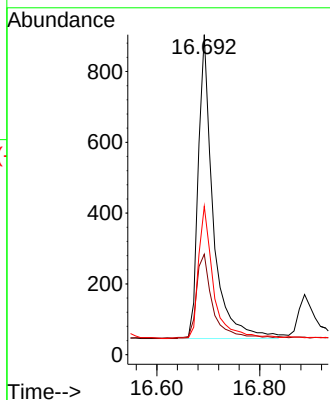
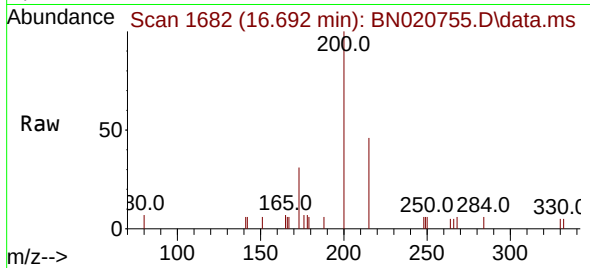




#23  
 Atrazine  
 Concen: 0.313 ng  
 RT: 16.692 min Scan# 1701  
 Delta R.T. 0.000 min  
 Lab File: BN020755.D  
 Acq: 15 Jul 2022 20:53

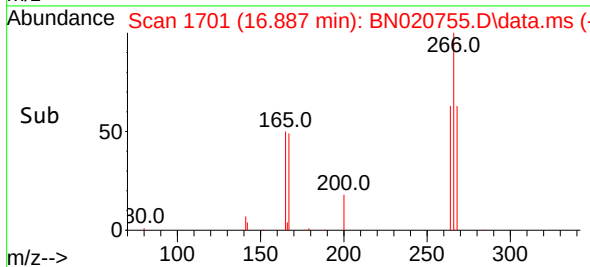
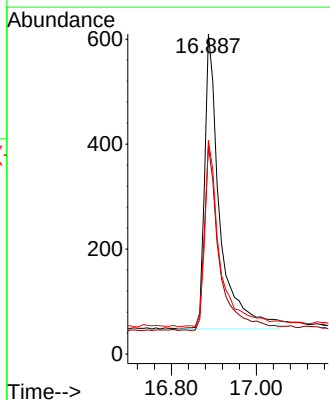
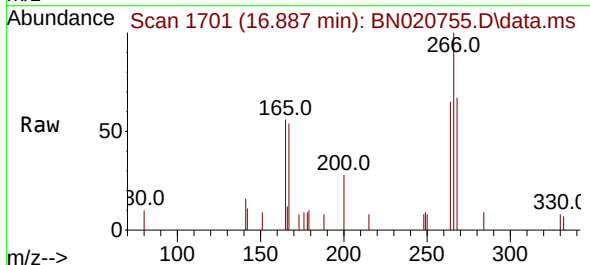
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP5930

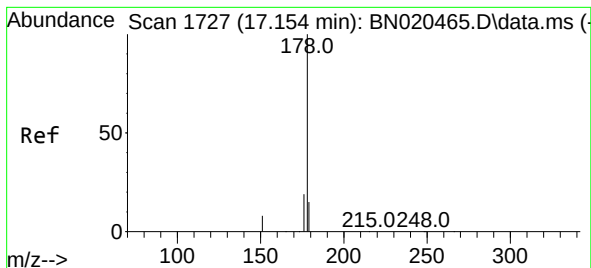
Tgt Ion:200 Resp: 1706  
 Ion Ratio Lower Upper  
 200 100  
 173 31.4 23.6 35.4  
 215 46.3 36.6 54.8



#24  
 Pentachlorophenol  
 Concen: 0.754 ng  
 RT: 16.887 min Scan# 1701  
 Delta R.T. 0.000 min  
 Lab File: BN020755.D  
 Acq: 15 Jul 2022 20:53

Tgt Ion:266 Resp: 1403  
 Ion Ratio Lower Upper  
 266 100  
 264 62.4 51.3 76.9  
 268 62.9 52.6 79.0





#25

Phenanthrene

Concen: 0.368 ng

RT: 17.267 min Scan# 1747

Delta R.T. 0.010 min

Lab File: BN020755.D

Acq: 15 Jul 2022 20:53

Instrument :

BNA\_N

ClientSampleId :

SP5930

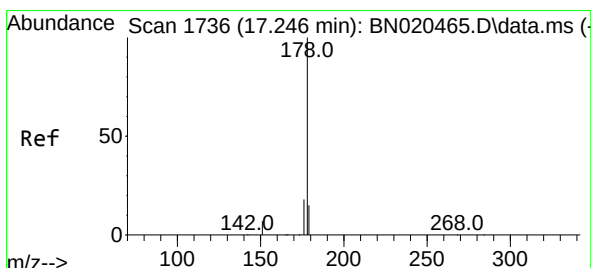
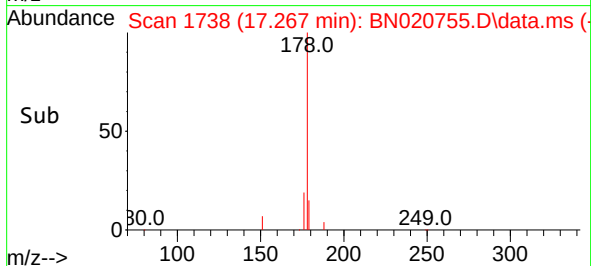
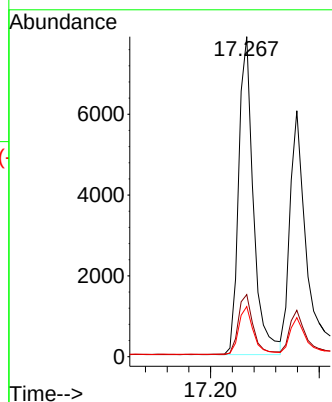
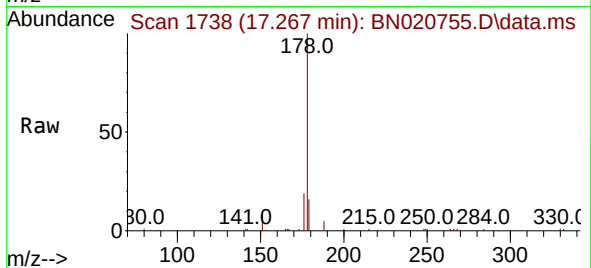
Tgt Ion:178 Resp: 14786

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.0 12.2 18.4



#26

Anthracene

Concen: 0.357 ng

RT: 17.359 min Scan# 1747

Delta R.T. 0.010 min

Lab File: BN020755.D

Acq: 15 Jul 2022 20:53

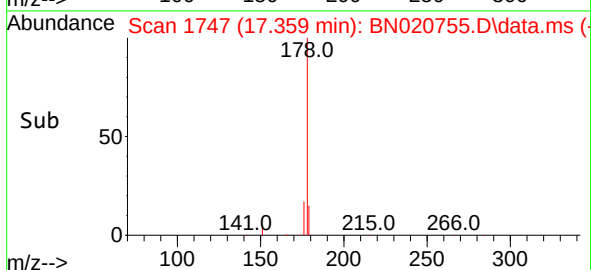
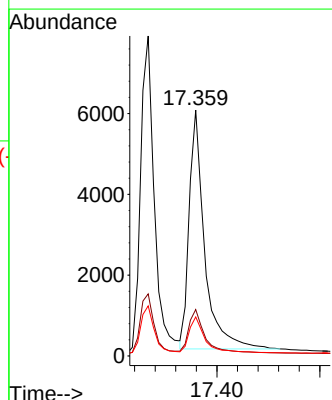
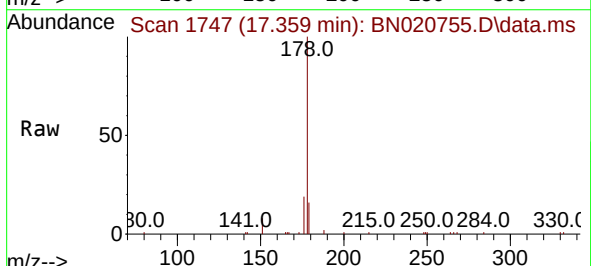
Tgt Ion:178 Resp: 12370

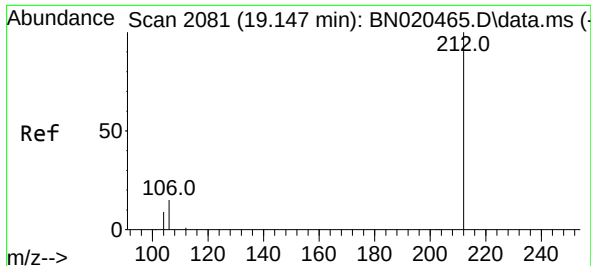
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.3 12.2 18.4

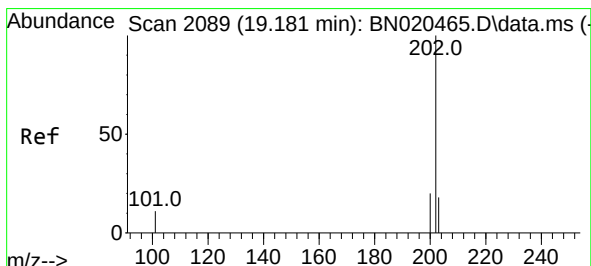
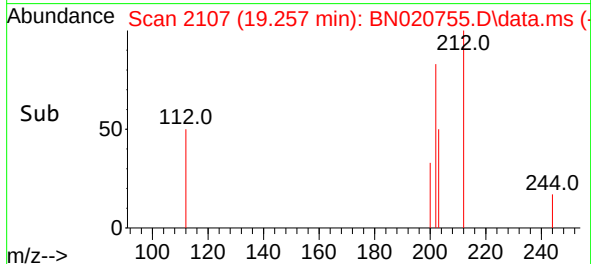
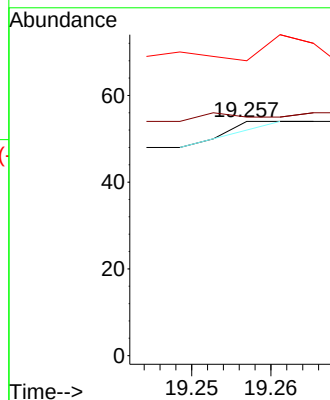
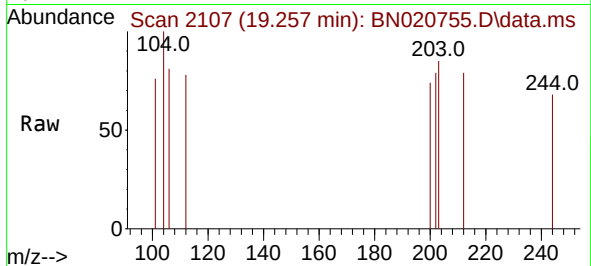




#27  
Fluoranthene-d10  
Concen: 0.000 ng  
RT: 19.257 min Scan# 2116  
Delta R.T. -0.004 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

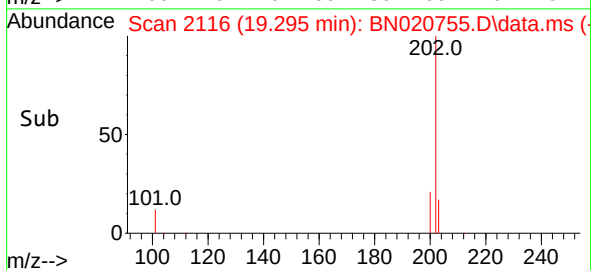
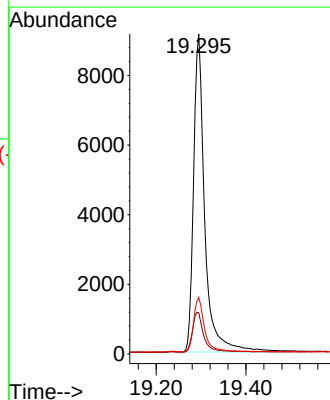
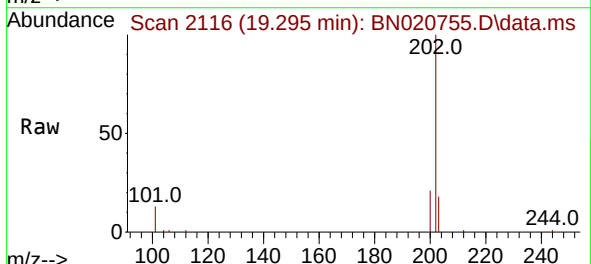
Instrument :  
BNA\_N  
ClientSampleId :  
SP5930

Tgt Ion:212 Resp: 1  
Ion Ratio Lower Upper  
212 100  
106 300.0 12.6 19.0#  
104 300.0 7.2 10.8#

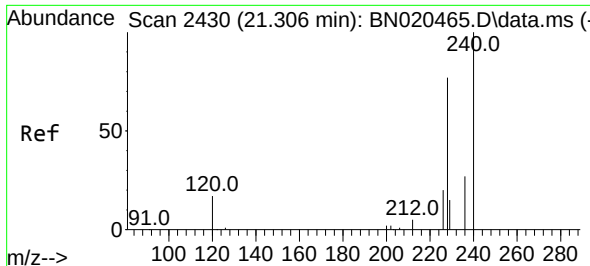


#28  
Fluoranthene  
Concen: 0.363 ng  
RT: 19.295 min Scan# 2116  
Delta R.T. 0.004 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

Tgt Ion:202 Resp: 15898  
Ion Ratio Lower Upper  
202 100  
101 12.7 9.6 14.4  
203 16.7 13.5 20.3



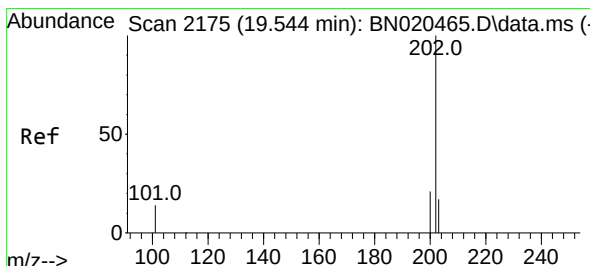
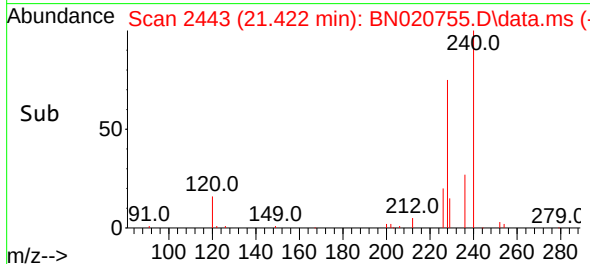
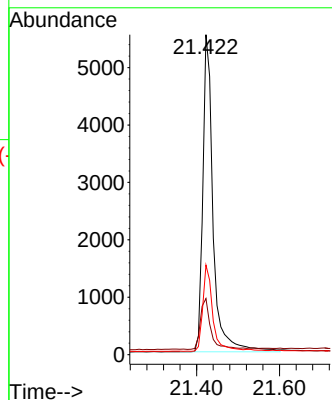
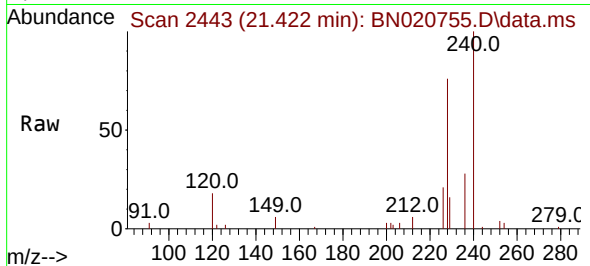




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.422 min Scan# 2443  
Delta R.T. -0.009 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

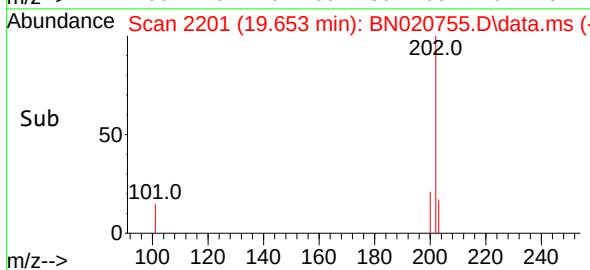
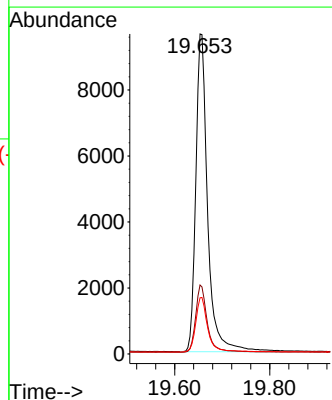
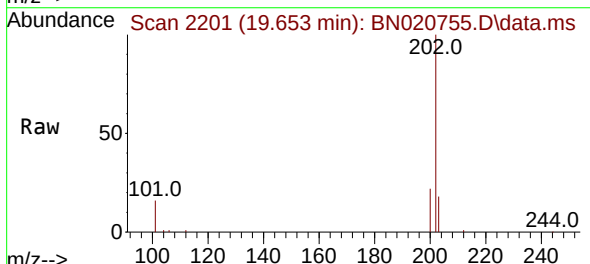
Instrument :  
BNA\_N  
ClientSampleId :  
SP5930

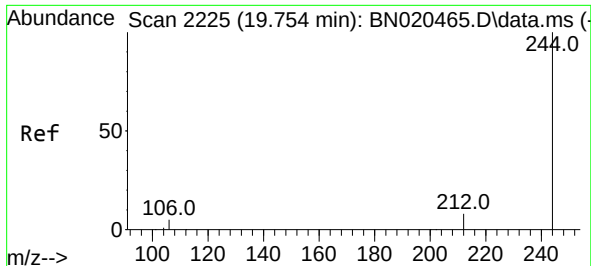
Tgt Ion:240 Resp: 9497  
Ion Ratio Lower Upper  
240 100  
120 17.5 14.6 21.8  
236 28.0 22.6 33.8



#30  
Pyrene  
Concen: 0.414 ng  
RT: 19.653 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

Tgt Ion:202 Resp: 16641  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.6 25.0  
203 17.2 14.2 21.2

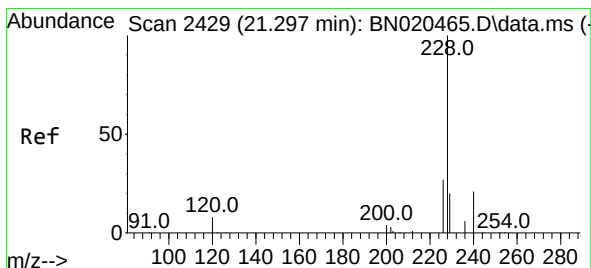
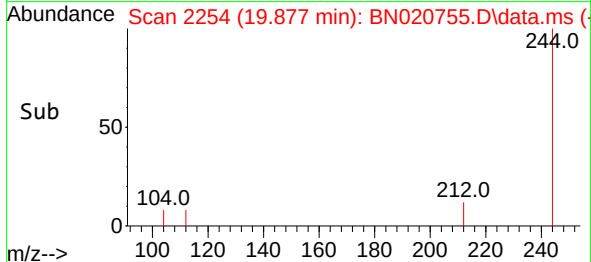
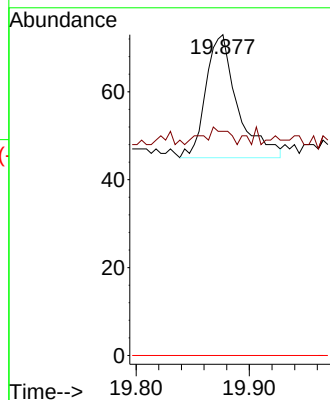
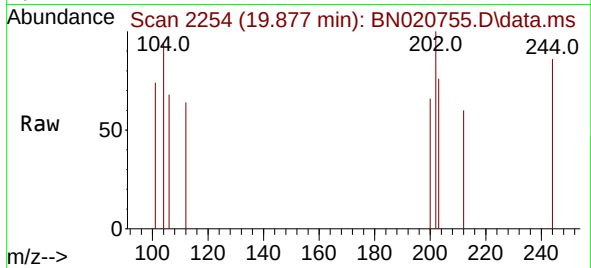




#31  
 Terphenyl-d14  
 Concen: 0.002 ng  
 RT: 19.877 min Scan# 21  
 Delta R.T. 0.013 min  
 Lab File: BN020755.D  
 Acq: 15 Jul 2022 20:53

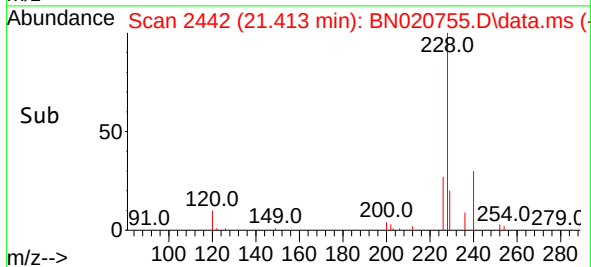
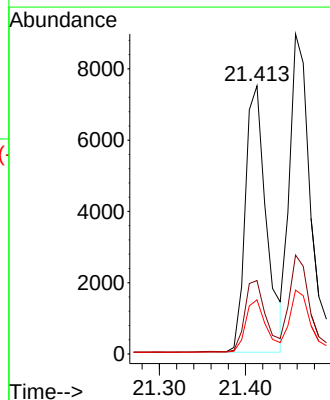
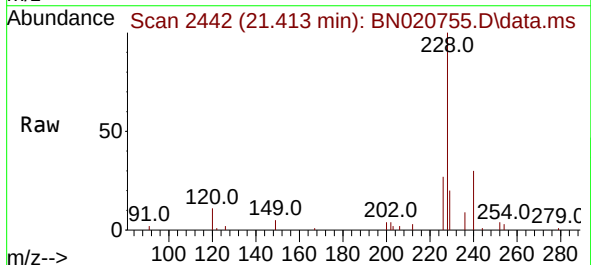
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP5930

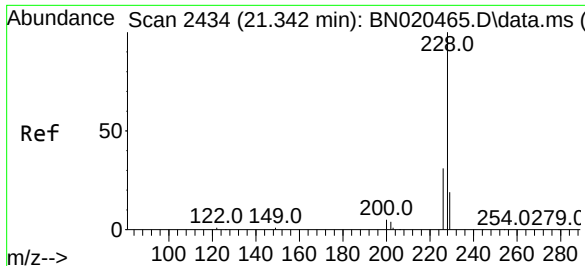
Tgt Ion:244 Resp: 54  
 Ion Ratio Lower Upper  
 244 100  
 212 69.9 7.1 10.7#  
 122 0.0 0.0 0.0



#32  
 Benzo(a)anthracene  
 Concen: 0.375 ng  
 RT: 21.413 min Scan# 2442  
 Delta R.T. 0.000 min  
 Lab File: BN020755.D  
 Acq: 15 Jul 2022 20:53

Tgt Ion:228 Resp: 12712  
 Ion Ratio Lower Upper  
 228 100  
 226 27.4 21.2 31.8  
 229 20.2 15.6 23.4





#33

Chrysene

Concen: 0.396 ng

RT: 21.458 min Scan# 2447

Delta R.T. -0.009 min

Lab File: BN020755.D

Acq: 15 Jul 2022 20:53

Instrument :

BNA\_N

ClientSampleId :

SP5930

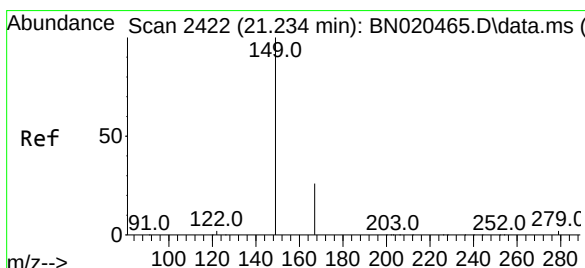
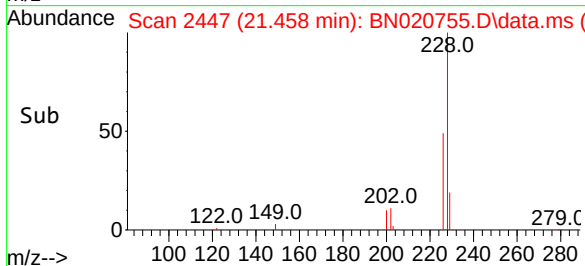
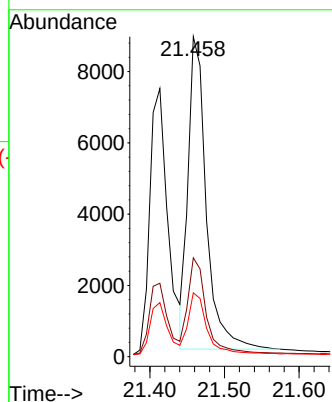
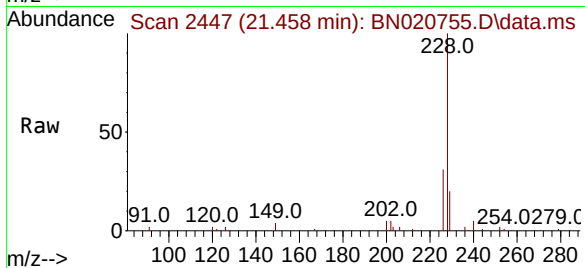
Tgt Ion:228 Resp: 14886

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

229 19.9 15.7 23.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.335 ng

RT: 21.342 min Scan# 2434

Delta R.T. -0.009 min

Lab File: BN020755.D

Acq: 15 Jul 2022 20:53

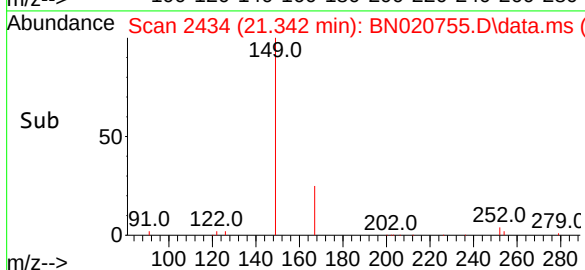
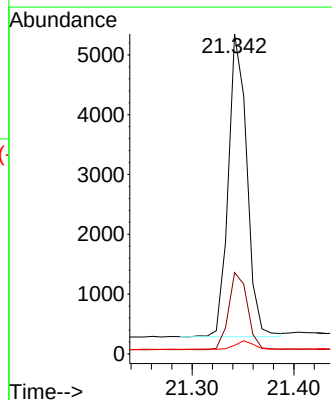
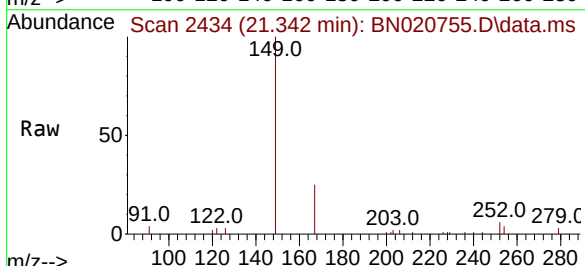
Tgt Ion:149 Resp: 6398

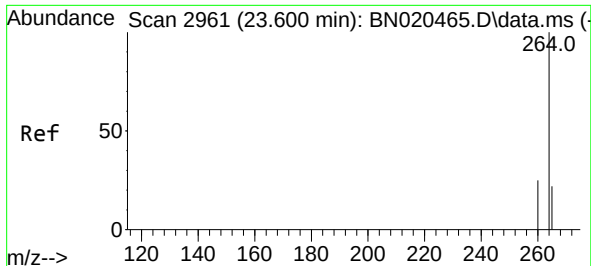
Ion Ratio Lower Upper

149 100

167 26.0 21.7 32.5

279 2.8 2.2 3.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.773 min Scan# 3020

Delta R.T. -0.006 min

Lab File: BN020755.D

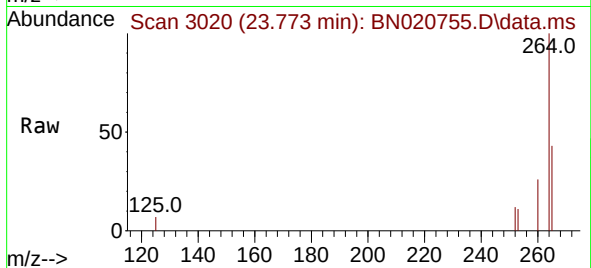
Acq: 15 Jul 2022 20:53

Instrument :

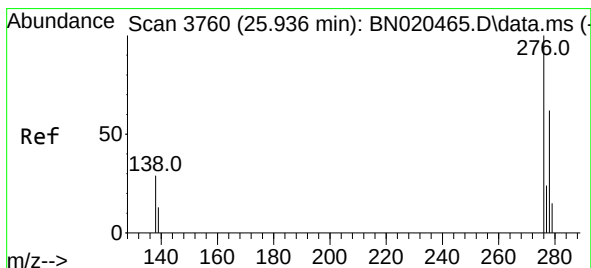
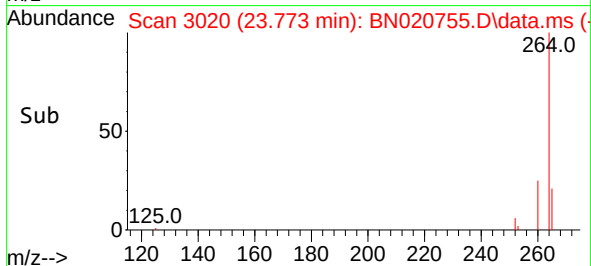
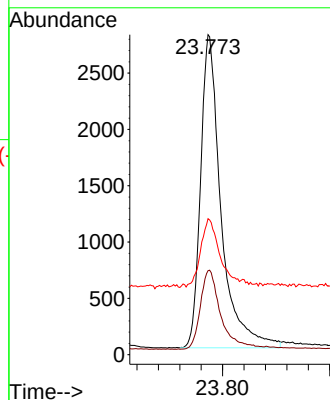
BNA\_N

ClientSampleId :

SP5930



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 264   | Resp: | 7374 |
| Ion Ratio | Lower | Upper |      |
| 264       | 100   |       |      |
| 260       | 26.3  | 20.9  | 31.3 |
| 265       | 42.5  | 28.0  | 42.0 |



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.351 ng

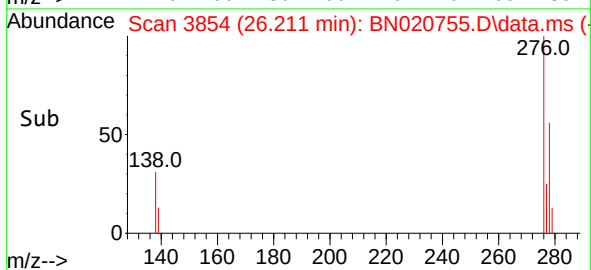
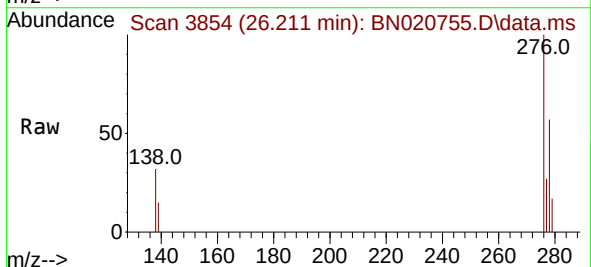
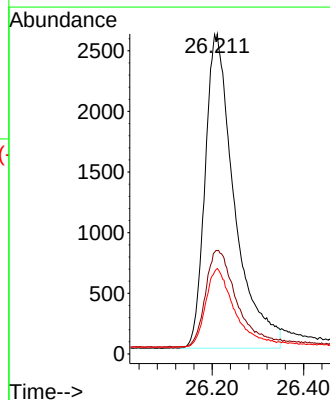
RT: 26.211 min Scan# 3854

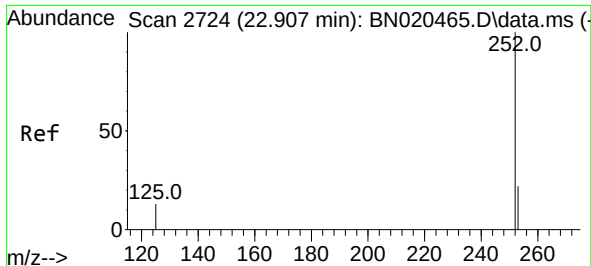
Delta R.T. -0.006 min

Lab File: BN020755.D

Acq: 15 Jul 2022 20:53

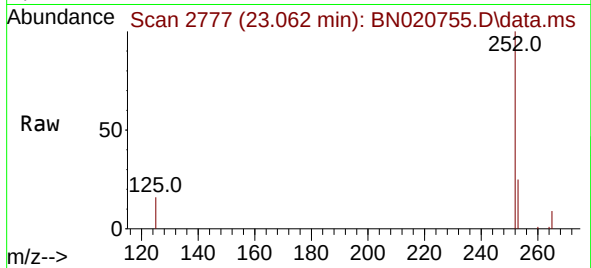
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 11541 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 32.9  | 25.9  | 38.9  |
| 277       | 24.9  | 19.8  | 29.8  |



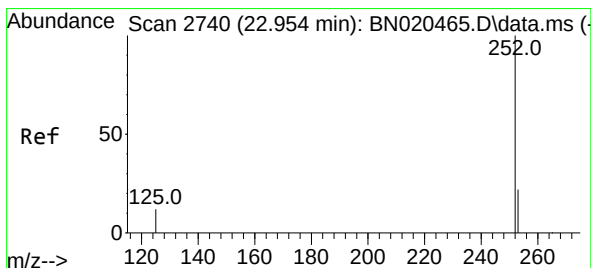
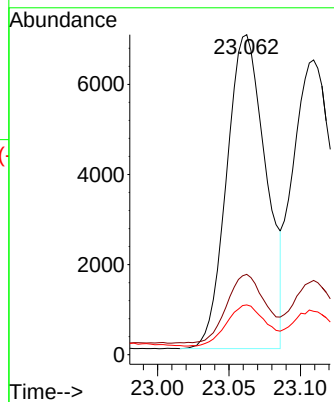


#37  
Benzo(b)fluoranthene  
Concen: 0.468 ng  
RT: 23.062 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

Instrument :  
BNA\_N  
ClientSampleId :  
SP5930

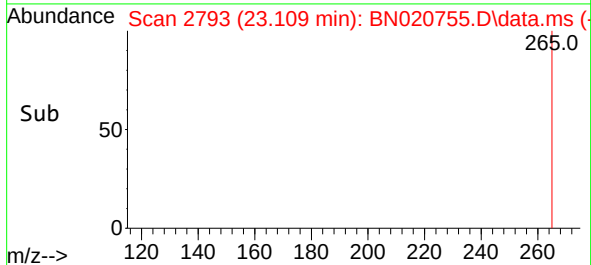
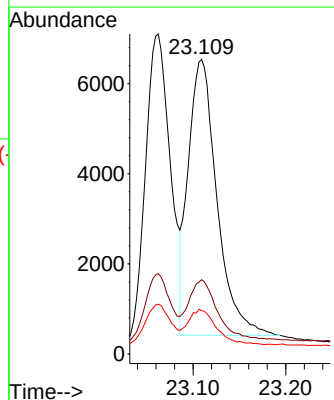
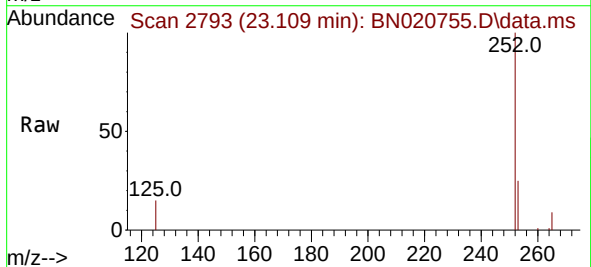


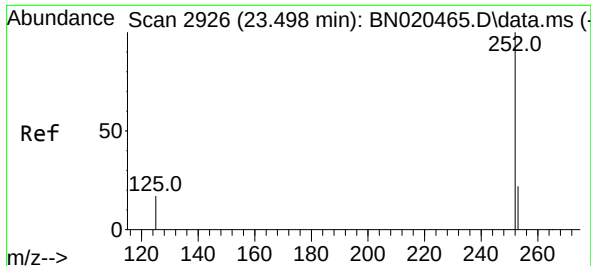
Tgt Ion:252 Resp: 13296  
Ion Ratio Lower Upper  
252 100  
253 25.1 18.5 27.7  
125 15.5 11.4 17.0



#38  
Benzo(k)fluoranthene  
Concen: 0.436 ng  
RT: 23.109 min Scan# 2793  
Delta R.T. -0.003 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

Tgt Ion:252 Resp: 13197  
Ion Ratio Lower Upper  
252 100  
253 25.2 18.0 27.0  
125 14.7 11.0 16.4

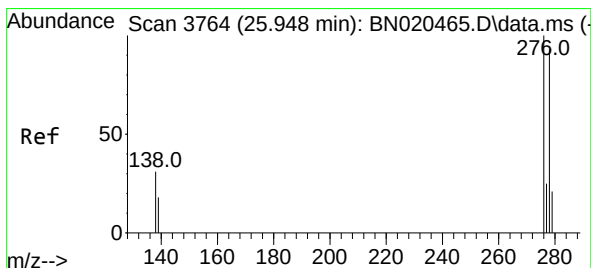
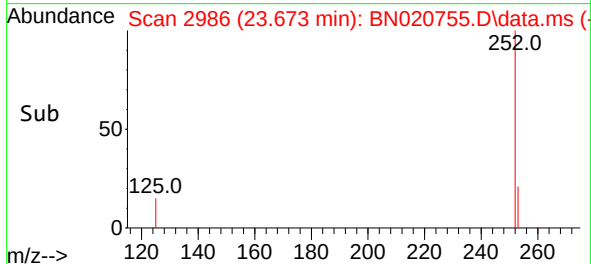
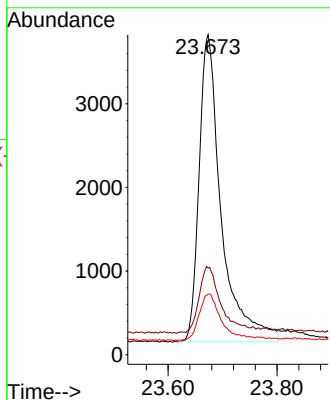
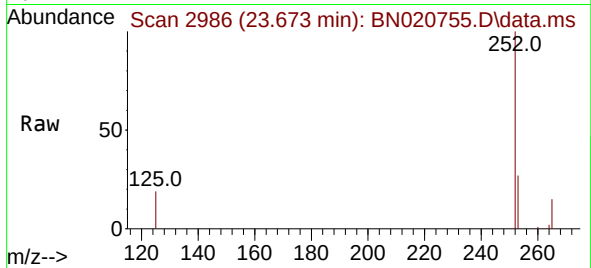




#39  
Benzo(a)pyrene  
Concen: 0.423 ng  
RT: 23.673 min Scan# 2926  
Delta R.T. -0.003 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

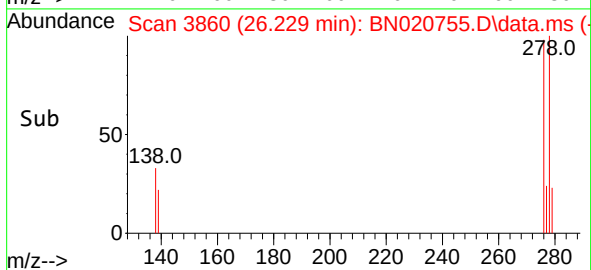
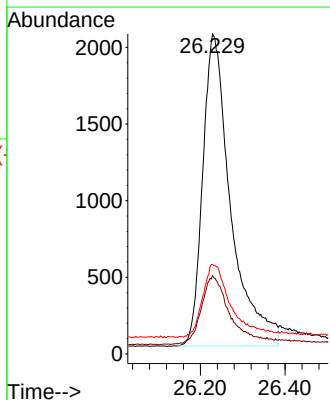
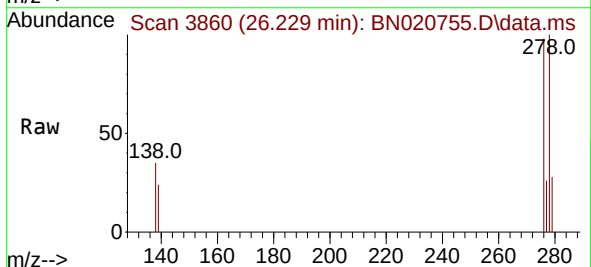
Instrument :  
BNA\_N  
ClientSampleId :  
SP5930

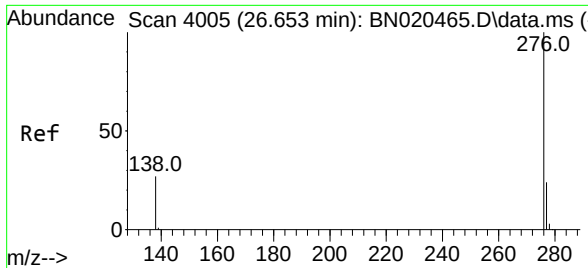
Tgt Ion:252 Resp: 10434  
Ion Ratio Lower Upper  
252 100  
253 27.0 19.0 28.4  
125 18.9 13.8 20.8



#40  
Dibenzo(a,h)anthracene  
Concen: 0.356 ng  
RT: 26.229 min Scan# 3860  
Delta R.T. -0.003 min  
Lab File: BN020755.D  
Acq: 15 Jul 2022 20:53

Tgt Ion:278 Resp: 9390  
Ion Ratio Lower Upper  
278 100  
139 24.4 18.6 28.0  
279 27.9 19.7 29.5





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.401 ng  
 RT: 26.954 min Scan# 41  
 Delta R.T. -0.003 min  
 Lab File: BN020755.D  
 Acq: 15 Jul 2022 20:53

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP5930

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 11538 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 25.0  | 19.5  | 29.3  |
| 138       | 29.0  | 22.6  | 34.0  |

