

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050422\  
 Data File : BN019679.D  
 Acq On : 05 May 2022 01:19  
 Operator : CG/JU  
 Sample : PB144538BSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB144538BSD

Quant Time: May 05 04:58:34 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN050422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 04 15:20:22 2022  
 Response via : Initial Calibration

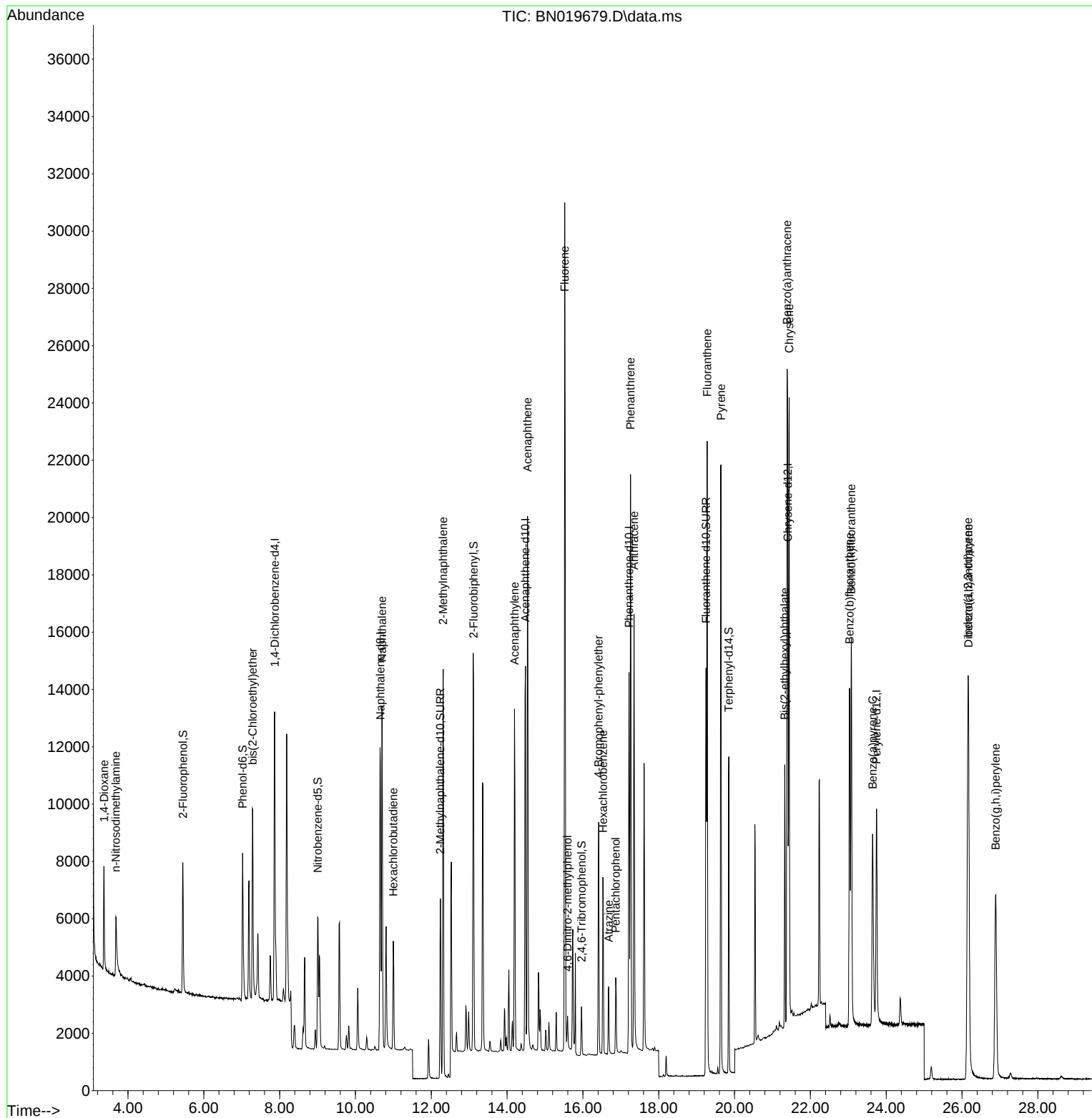
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.869  | 152  | 5349     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.658 | 136  | 15108    | 0.400 | ng    | # 0.01   |
| 13) Acenaphthene-d10          | 14.484 | 164  | 8484     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.215 | 188  | 17404    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.404 | 240  | 13343    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.744 | 264  | 11148    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.449  | 112  | 4042     | 0.324 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.024  | 99   | 4796     | 0.313 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 4040     | 0.330 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.238 | 152  | 8966     | 0.364 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.964 | 330  | 898      | 0.286 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.116 | 172  | 13297    | 0.364 | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.248 | 212  | 16444    | 0.341 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.847 | 244  | 11750    | 0.376 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.369  | 88   | 2223     | 0.359 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.680  | 42   | 2034     | 0.318 | ng    | 86       |
| 6) bis(2-Chloroethyl)ether    | 7.291  | 93   | 5535     | 0.358 | ng    | 99       |
| 9) Naphthalene                | 10.701 | 128  | 15844    | 0.367 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.000 | 225  | 3116     | 0.374 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.314 | 142  | 10332    | 0.365 | ng    | 99       |
| 16) Acenaphthylene            | 14.196 | 152  | 13784    | 0.337 | ng    | 99       |
| 17) Acenaphthene              | 14.538 | 154  | 9805     | 0.348 | ng    | 99       |
| 18) Fluorene                  | 15.521 | 166  | 12252    | 0.354 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.596 | 198  | 811      | 0.306 | ng    | # 91     |
| 21) 4-Bromophenyl-phenylether | 16.415 | 248  | 3963     | 0.353 | ng    | # 78     |
| 22) Hexachlorobenzene         | 16.528 | 284  | 4553     | 0.365 | ng    | 97       |
| 23) Atrazine                  | 16.682 | 200  | 2090     | 0.291 | ng    | # 92     |
| 24) Pentachlorophenol         | 16.866 | 266  | 1284     | 0.275 | ng    | 95       |
| 25) Phenanthrene              | 17.256 | 178  | 20765    | 0.360 | ng    | 100      |
| 26) Anthracene                | 17.349 | 178  | 16430    | 0.335 | ng    | 99       |
| 28) Fluoranthene              | 19.278 | 202  | 20614    | 0.342 | ng    | 99       |
| 30) Pyrene                    | 19.640 | 202  | 20589    | 0.373 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.386 | 228  | 16328    | 0.345 | ng    | 98       |
| 33) Chrysene                  | 21.440 | 228  | 19530    | 0.378 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149  | 7978     | 0.319 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.159 | 276  | 18120    | 0.358 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.033 | 252  | 16067    | 0.349 | ng    | 94       |
| 38) Benzo(k)fluoranthene      | 23.080 | 252  | 18219    | 0.374 | ng    | # 92     |
| 39) Benzo(a)pyrene            | 23.641 | 252  | 11787    | 0.337 | ng    | 93       |
| 40) Dibenzo(a,h)anthracene    | 26.170 | 278  | 14844    | 0.360 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.887 | 276  | 14270    | 0.349 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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Sample : PB144538BSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB144538BSD

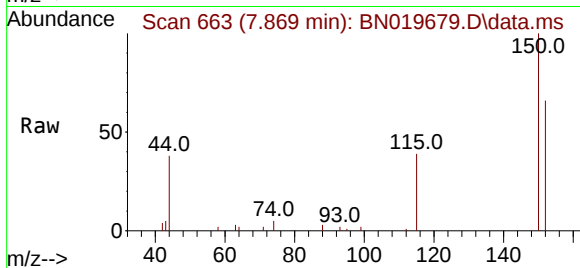
Quant Time: May 05 04:58:34 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN050422.M  
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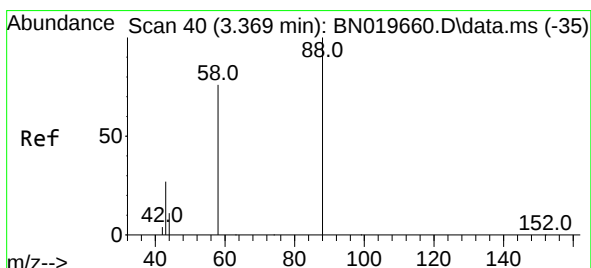
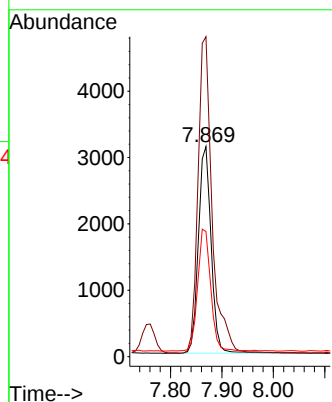
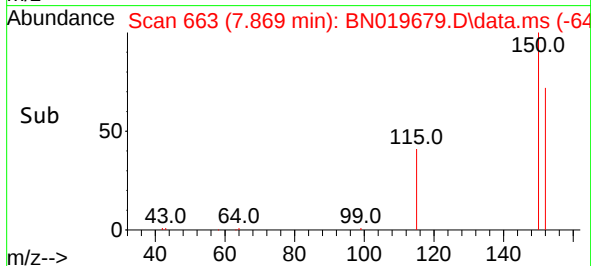


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.869 min Scan# 60  
 Delta R.T. 0.007 min  
 Lab File: BN019679.D  
 Acq: 05 May 2022 01:19

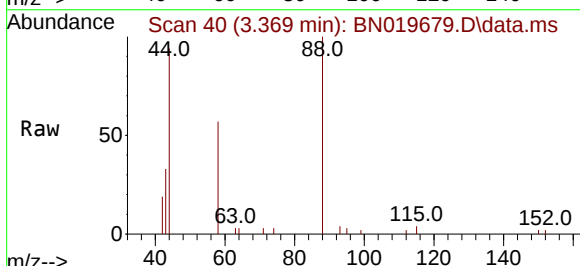
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB144538BSD



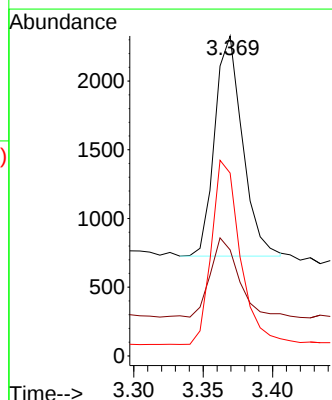
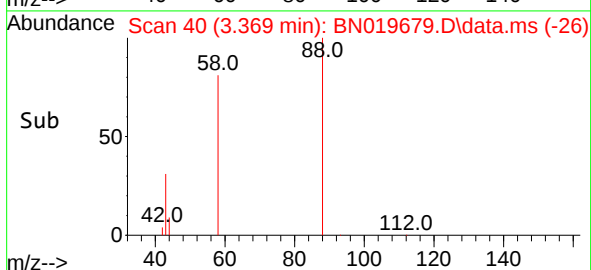
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 Ion Ratio Lower Upper  
 152 100  
 150 152.3 122.6 183.8  
 115 59.5 49.0 73.6

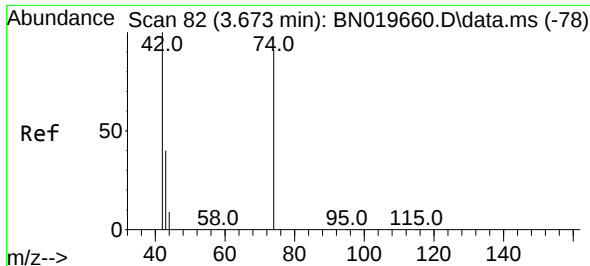


#2  
 1,4-Dioxane  
 Concen: 0.359 ng  
 RT: 3.369 min Scan# 40  
 Delta R.T. -0.000 min  
 Lab File: BN019679.D  
 Acq: 05 May 2022 01:19



Tgt Ion: 88 Resp: 2223  
 Ion Ratio Lower Upper  
 88 100  
 43 36.4 25.2 37.8  
 58 87.0 67.6 101.4



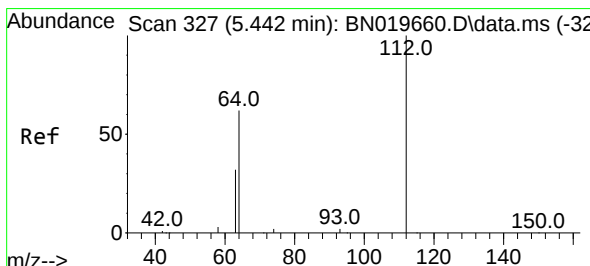
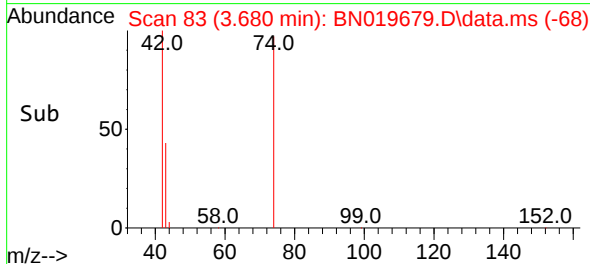
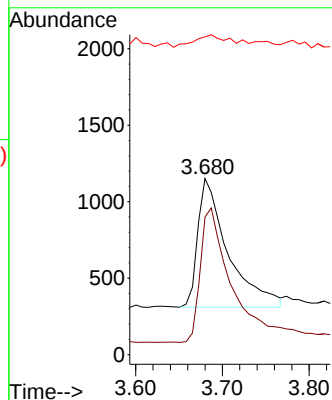
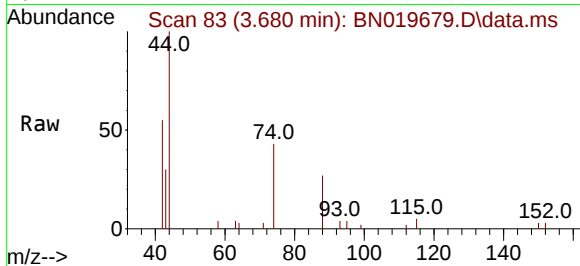


#3  
 n-Nitrosodimethylamine  
 Concen: 0.318 ng  
 RT: 3.680 min Scan# 81  
 Delta R.T. 0.007 min  
 Lab File: BN019679.D  
 Acq: 05 May 2022 01:19

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB144538BSD

Tgt Ion: 42 Resp: 2034  

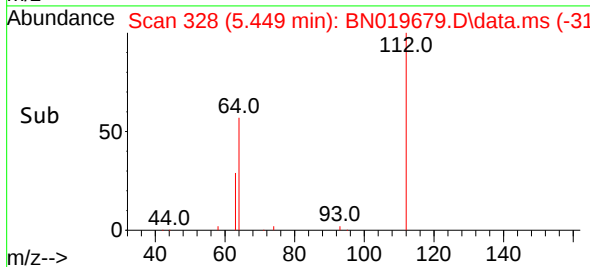
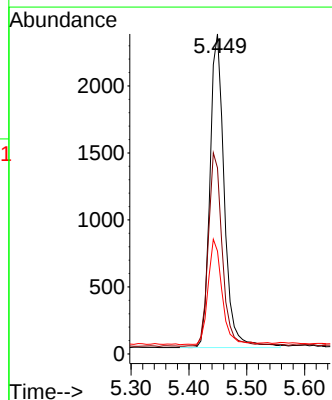
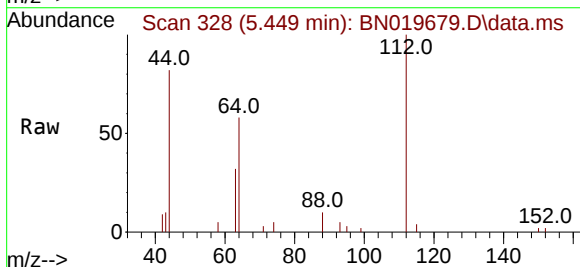
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 110.0 | 101.8 | 152.6 |
| 44  | 11.8  | 8.4   | 12.6  |

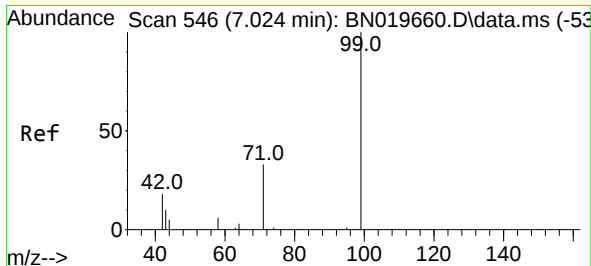


#4  
 2-Fluorophenol  
 Concen: 0.324 ng  
 RT: 5.449 min Scan# 328  
 Delta R.T. 0.007 min  
 Lab File: BN019679.D  
 Acq: 05 May 2022 01:19

Tgt Ion: 112 Resp: 4042  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 60.3  | 47.3  | 70.9  |
| 63  | 32.4  | 24.6  | 36.8  |

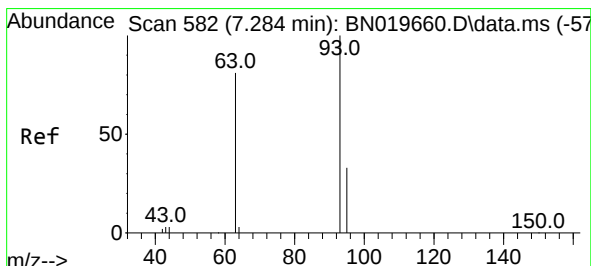
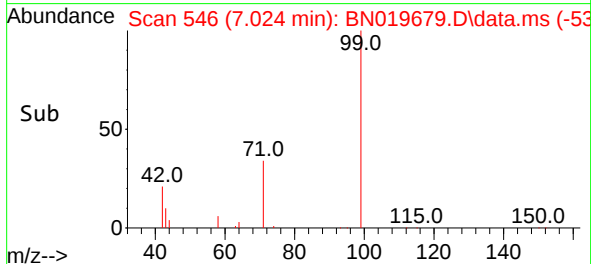
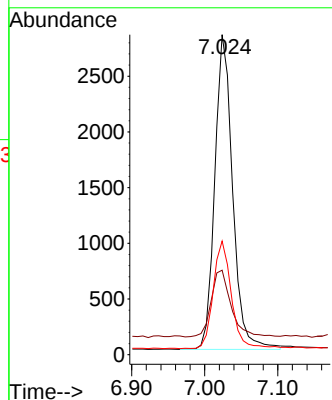
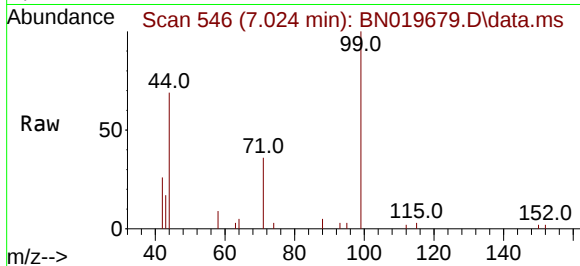




#5  
Phenol-d6  
Concen: 0.313 ng  
RT: 7.024 min Scan# 546  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

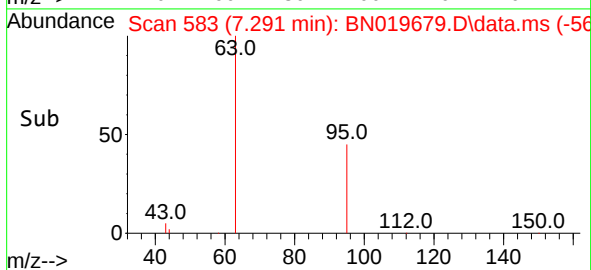
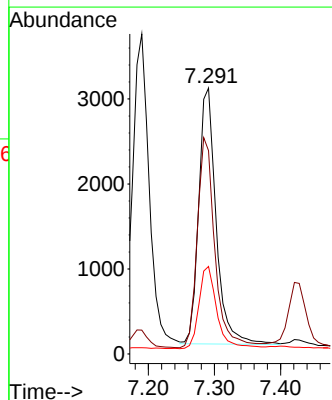
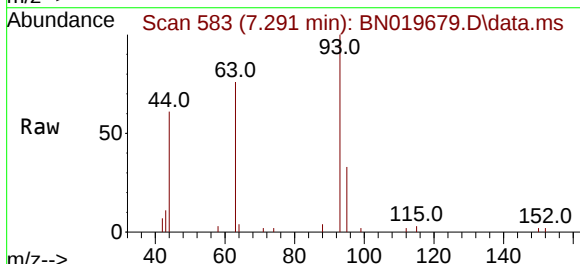
Instrument :  
BNA\_N  
ClientSampleId :  
PB144538BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 4796  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 23.6  | 15.8  | 23.8  |
| 71       | 34.8  | 26.5  | 39.7  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.358 ng  
RT: 7.291 min Scan# 583  
Delta R.T. 0.007 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 5535  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 82.9  | 65.8  | 98.8  |
| 95       | 32.8  | 27.4  | 41.2  |

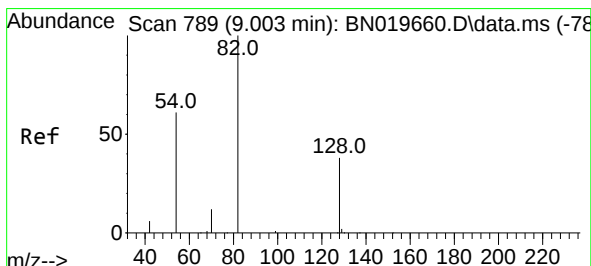
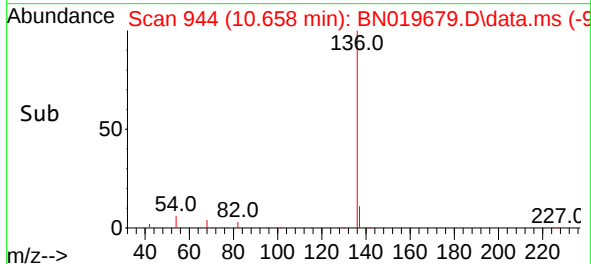
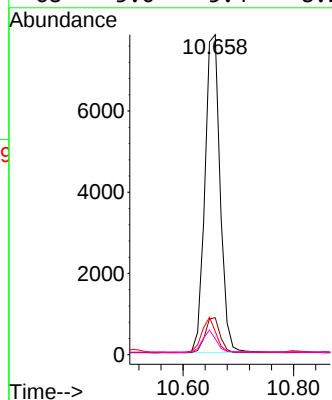
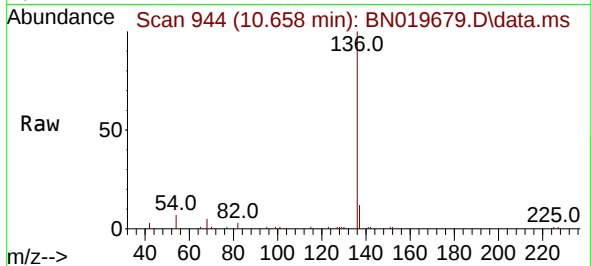




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.658 min Scan# 94  
Delta R.T. 0.011 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

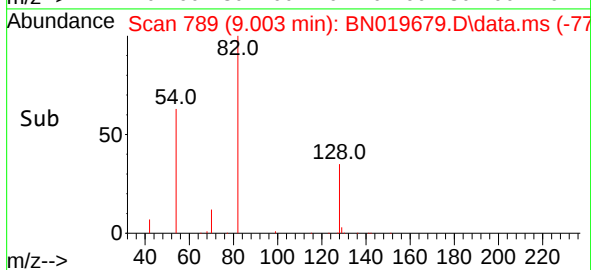
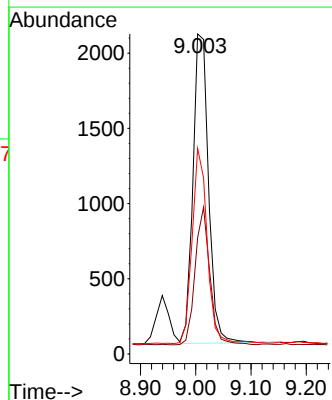
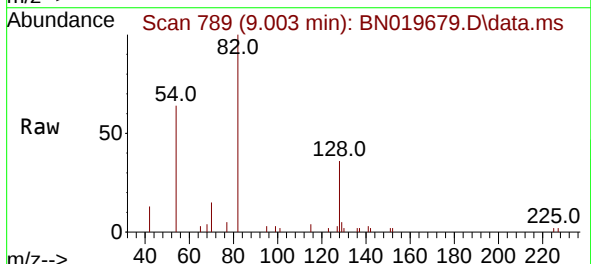
Instrument :  
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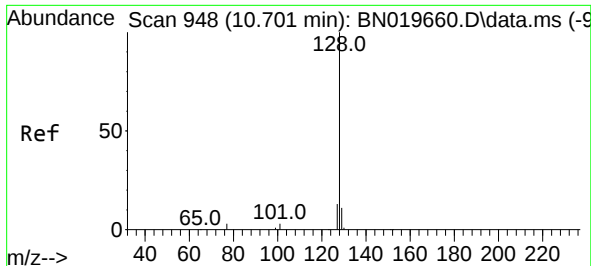
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 15108 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.5  | 9.1   | 13.7  |
| 54        | 7.3   | 7.8   | 11.6# |
| 68        | 5.0   | 5.4   | 8.2#  |



#8  
Nitrobenzene-d5  
Concen: 0.330 ng  
RT: 9.003 min Scan# 789  
Delta R.T. 0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 4040 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 36.3  | 32.4  | 48.6 |
| 54        | 64.2  | 44.4  | 66.6 |

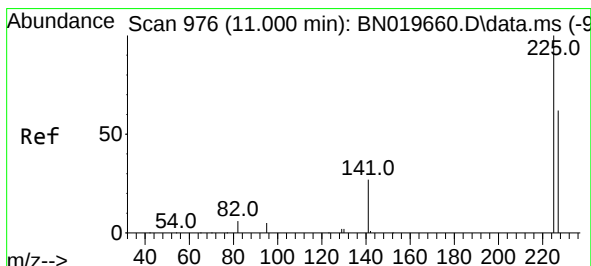
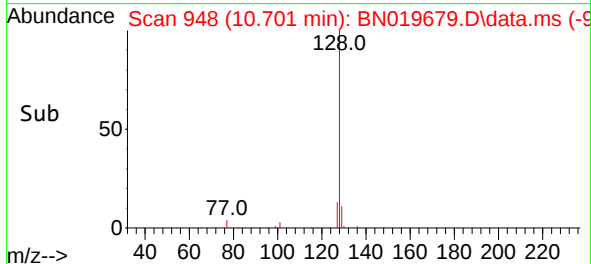
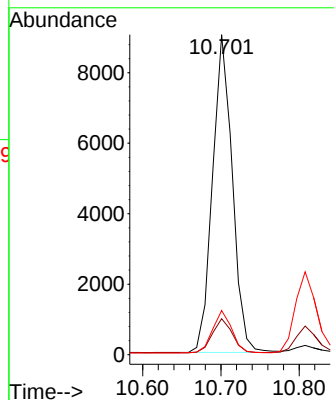
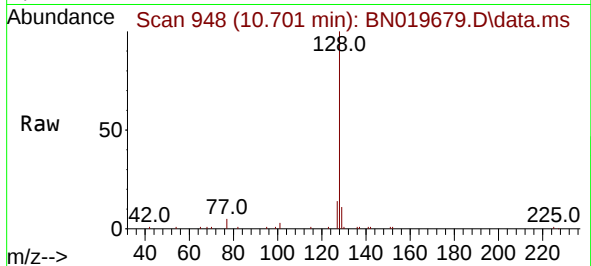




#9  
Naphthalene  
Concen: 0.367 ng  
RT: 10.701 min Scan# 948  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

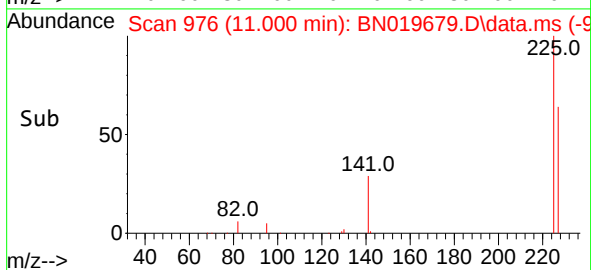
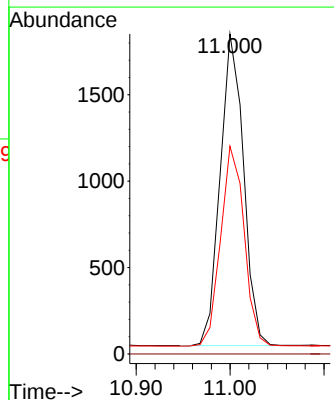
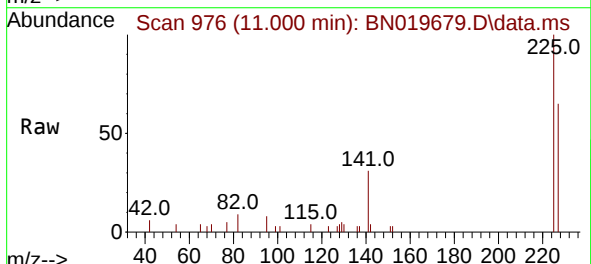
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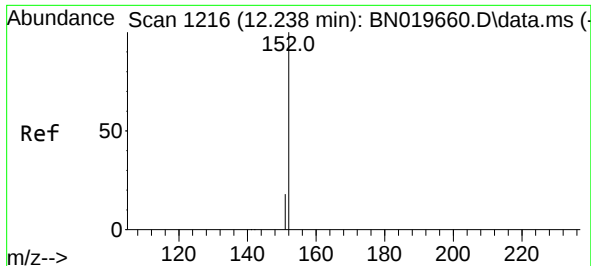
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Ion Ratio Lower Upper  
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129 11.2 9.0 13.4  
127 13.8 10.8 16.2



#10  
Hexachlorobutadiene  
Concen: 0.374 ng  
RT: 11.000 min Scan# 976  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

Tgt Ion:225 Resp: 3116  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.8 50.8 76.2

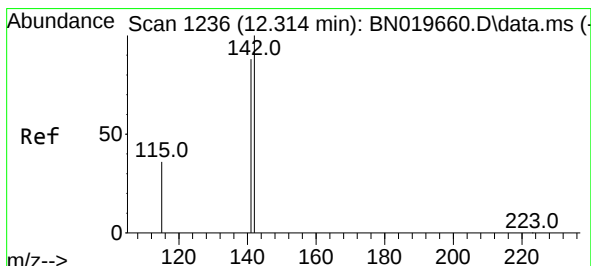
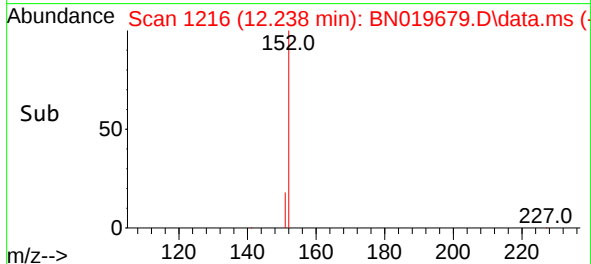
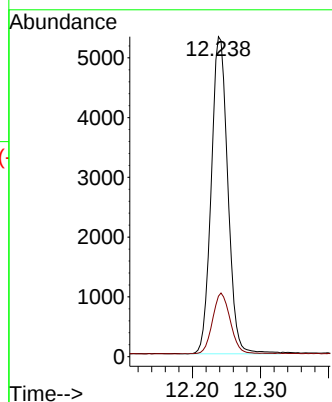
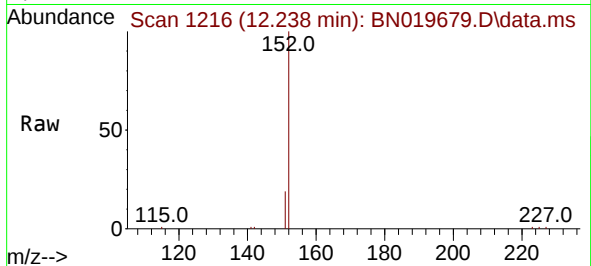




#11  
2-Methylnaphthalene-d10  
Concen: 0.364 ng  
RT: 12.238 min Scan# 1216  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

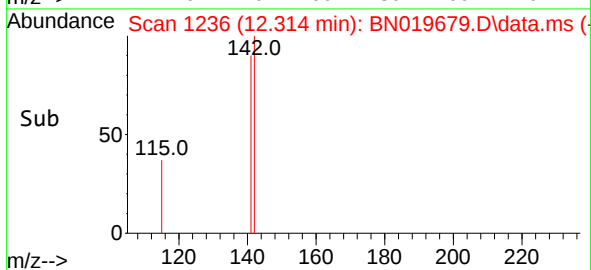
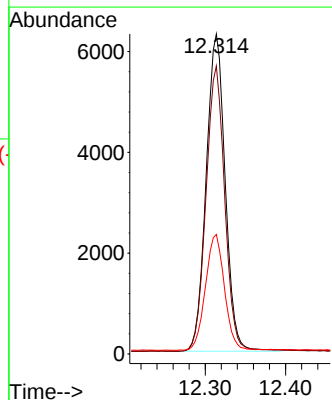
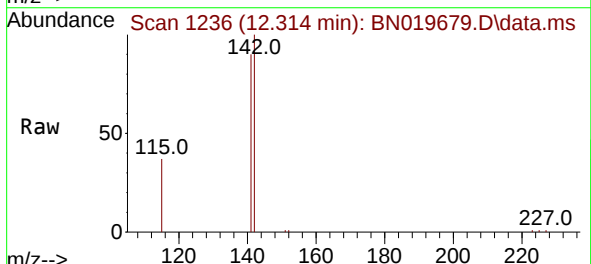
Instrument :  
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ClientSampleId :  
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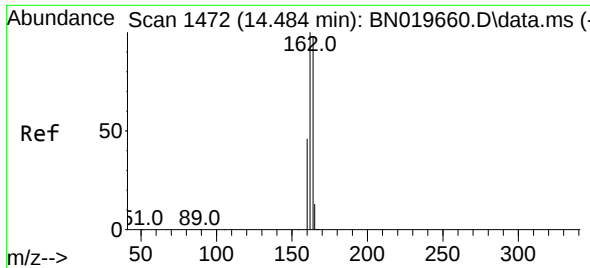
Tgt Ion:152 Resp: 8966  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.4



#12  
2-Methylnaphthalene  
Concen: 0.365 ng  
RT: 12.314 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
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Tgt Ion:142 Resp: 10332  
Ion Ratio Lower Upper  
142 100  
141 90.0 71.0 106.6  
115 37.3 29.6 44.4

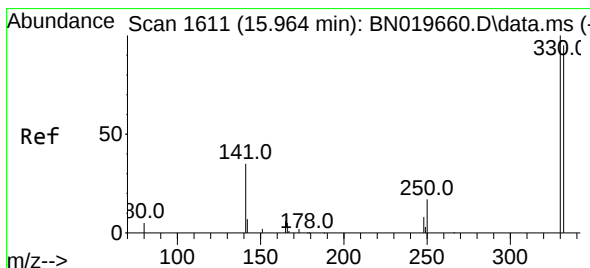
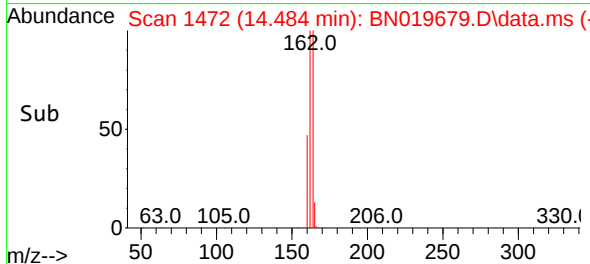
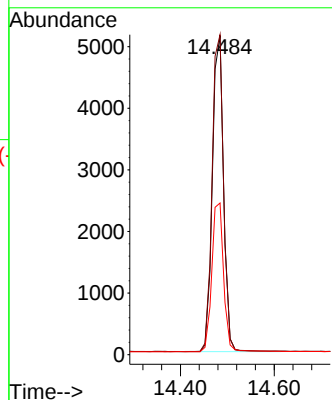
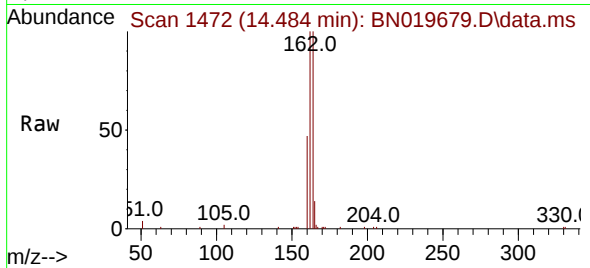




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.484 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

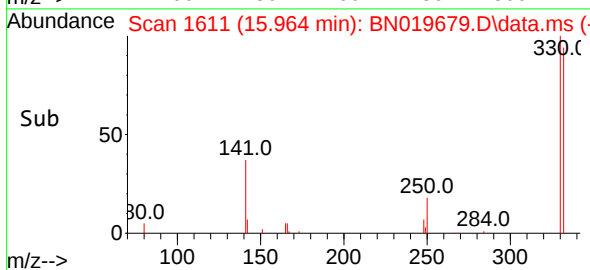
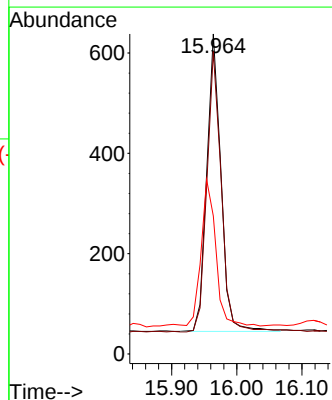
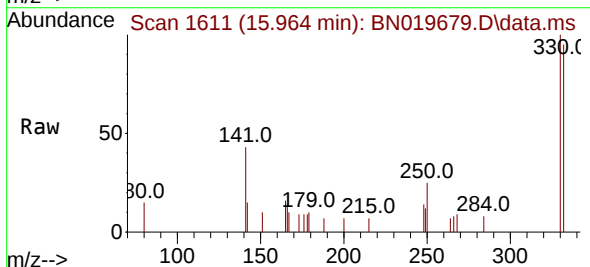
Instrument :  
BNA\_N  
ClientSampleId :  
PB144538BSD

Tgt Ion:164 Resp: 8484  
Ion Ratio Lower Upper  
164 100  
162 100.4 81.8 122.6  
160 47.6 38.3 57.5



#14  
2,4,6-Tribromophenol  
Concen: 0.286 ng  
RT: 15.964 min Scan# 1611  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

Tgt Ion:330 Resp: 898  
Ion Ratio Lower Upper  
330 100  
332 95.4 76.2 114.4  
141 51.0 39.7 59.5

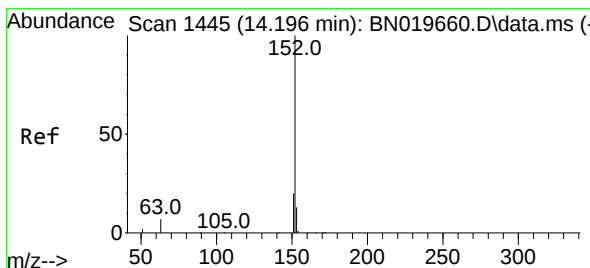
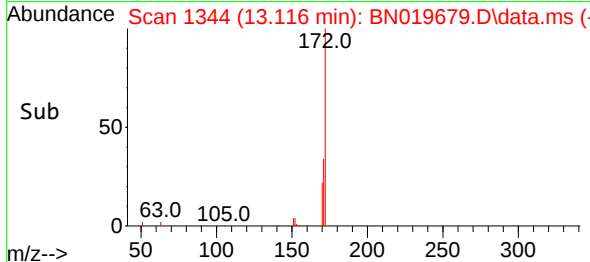
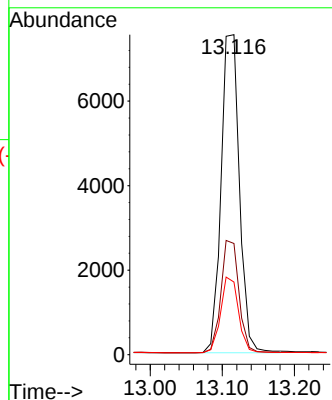
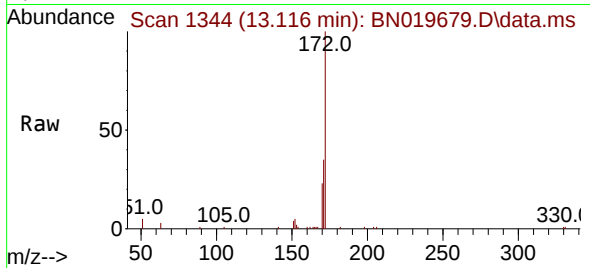




#15  
2-Fluorobiphenyl  
Concen: 0.364 ng  
RT: 13.116 min Scan# 1344  
Delta R.T. 0.011 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

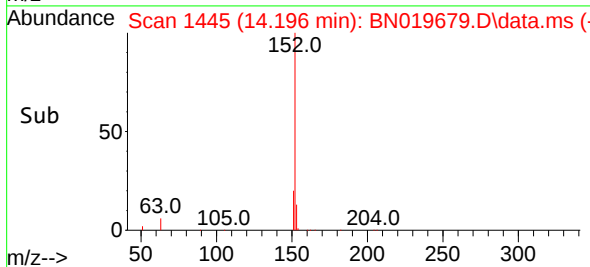
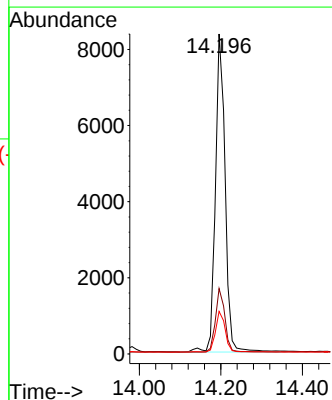
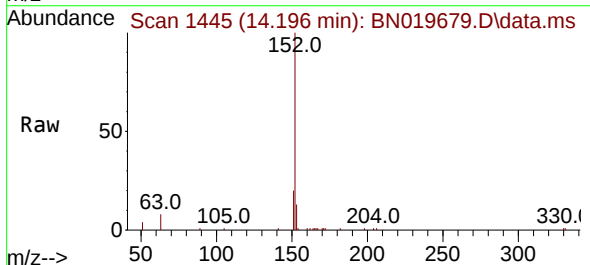
Instrument :  
BNA\_N  
ClientSampleId :  
PB144538BSD

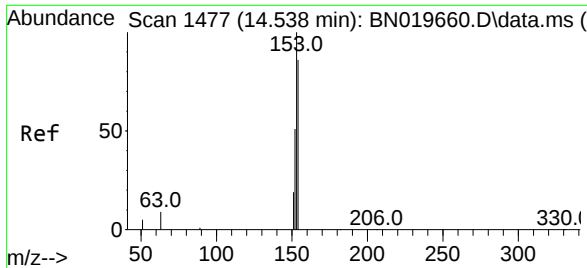
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 13297 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.7  | 28.0  | 42.0  |
| 170       | 22.7  | 19.0  | 28.4  |



#16  
Acenaphthylene  
Concen: 0.337 ng  
RT: 14.196 min Scan# 1445  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 13784 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.6  | 16.2  | 24.4  |
| 153       | 12.5  | 10.5  | 15.7  |

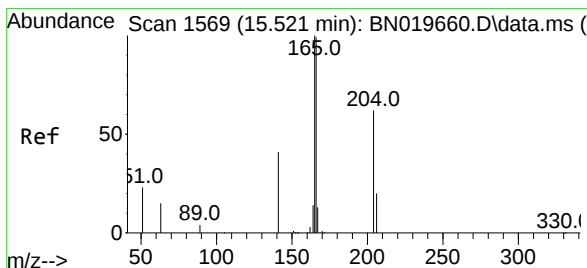
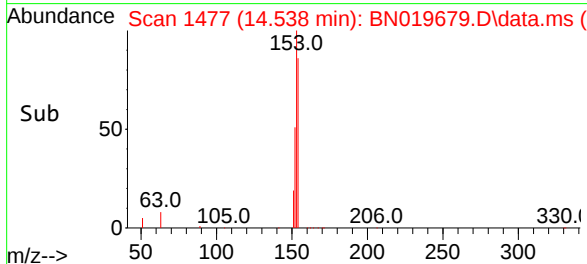
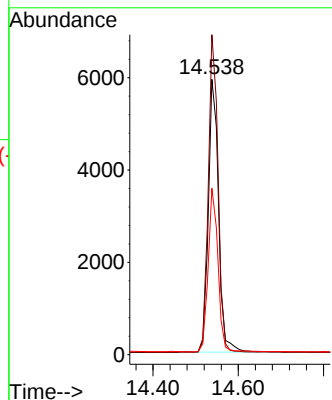
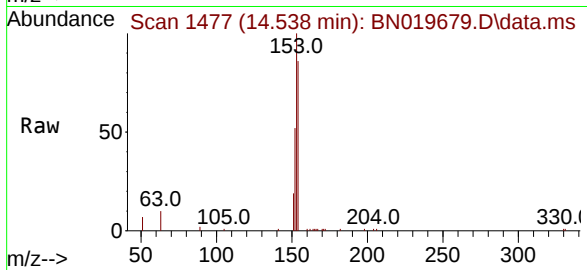




#17  
Acenaphthene  
Concen: 0.348 ng  
RT: 14.538 min Scan# 1477  
Delta R.T. 0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

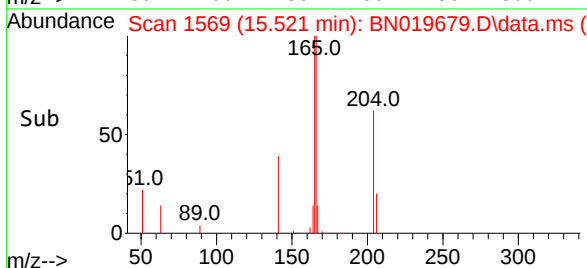
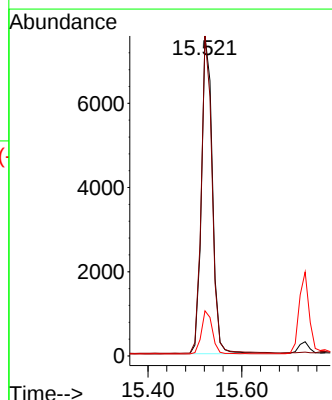
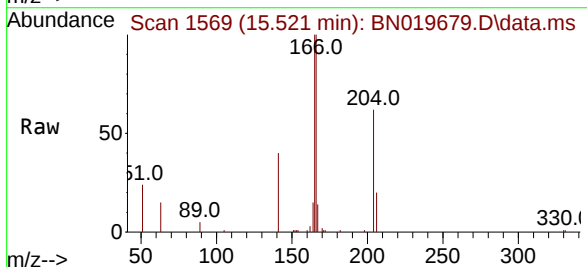
Instrument :  
BNA\_N  
ClientSampleId :  
PB144538BSD

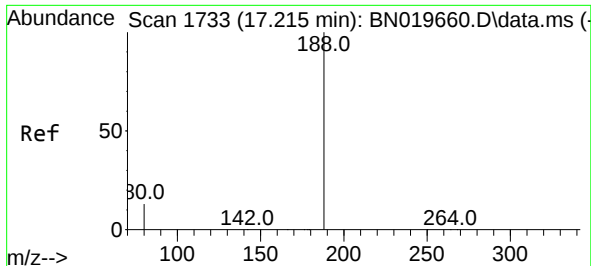
Tgt Ion:154 Resp: 9805  
Ion Ratio Lower Upper  
154 100  
153 111.4 89.3 133.9  
152 57.4 44.1 66.1



#18  
Fluorene  
Concen: 0.354 ng  
RT: 15.521 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

Tgt Ion:166 Resp: 12252  
Ion Ratio Lower Upper  
166 100  
165 98.1 79.1 118.7  
167 13.6 10.7 16.1

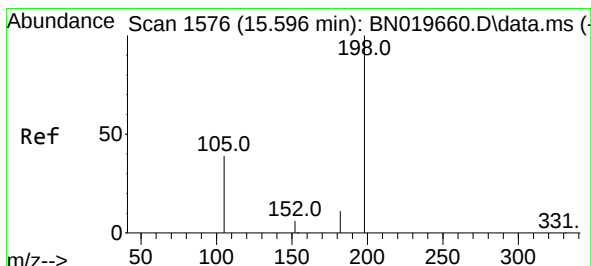
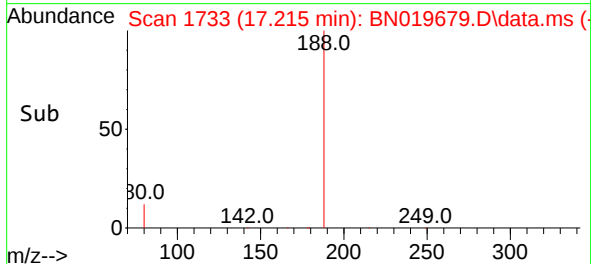
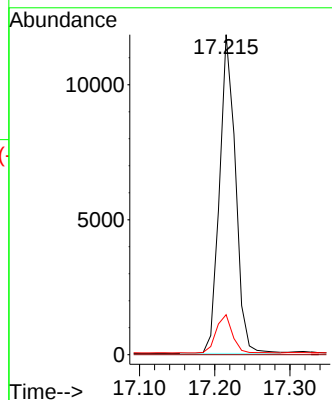
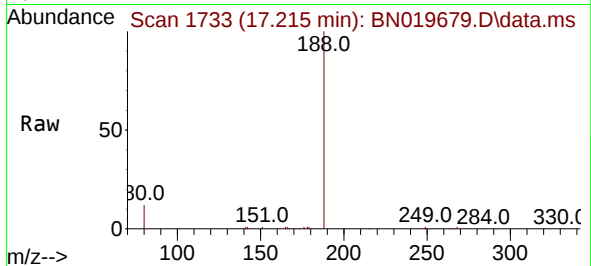




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.215 min Scan# 1733  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

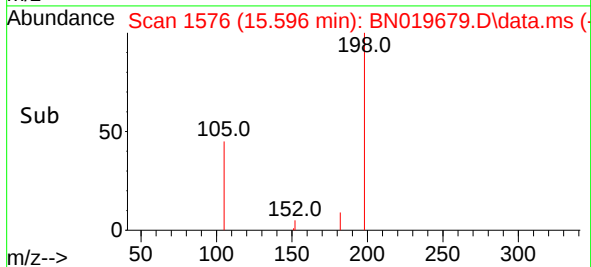
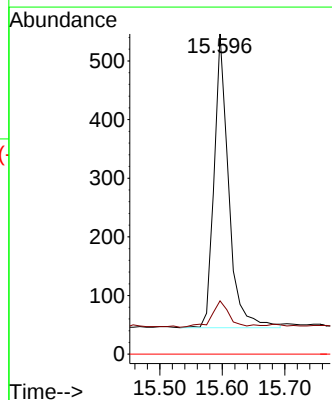
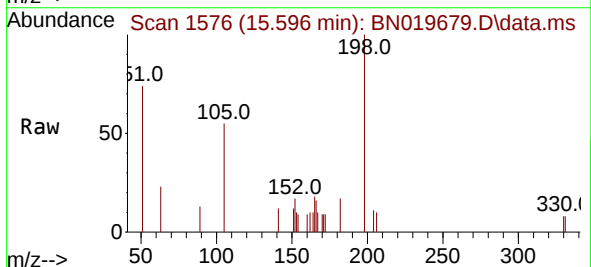
Instrument :  
BNA\_N  
ClientSampleId :  
PB144538BSD

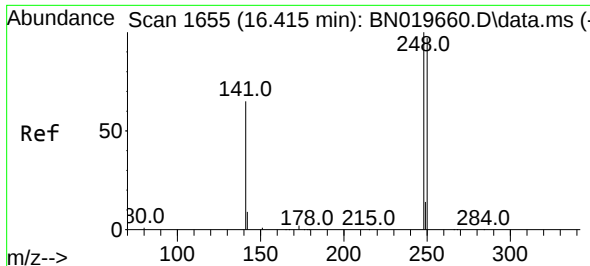
Tgt Ion:188 Resp: 17404  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.5 8.6 12.8



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.306 ng  
RT: 15.596 min Scan# 1576  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

Tgt Ion:198 Resp: 811  
Ion Ratio Lower Upper  
198 100  
182 16.7 16.9 25.3#  
77 0.0 0.0 0.0

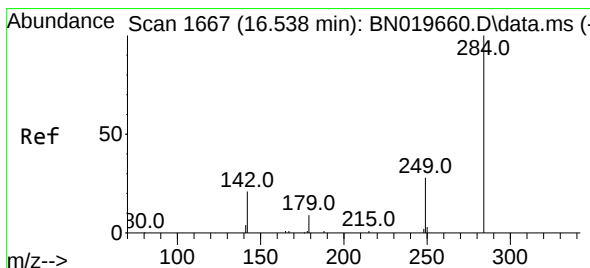
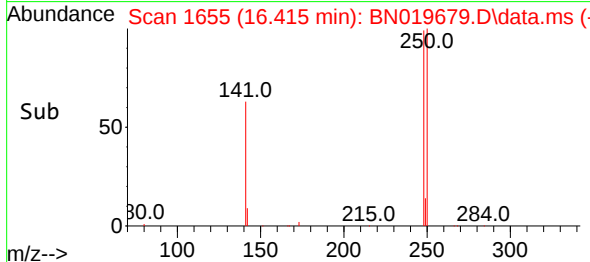
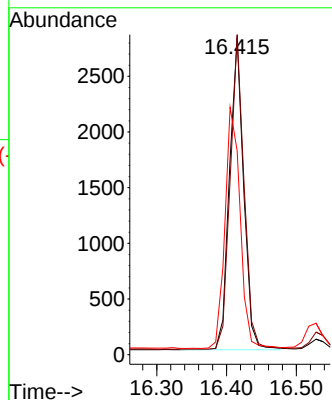
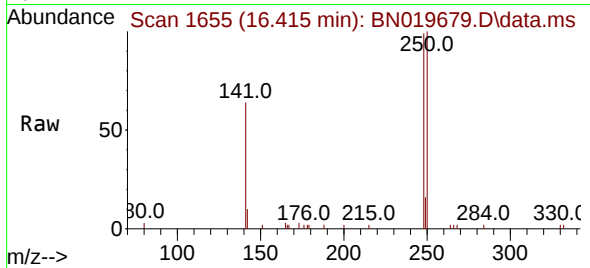




#21  
4-Bromophenyl-phenylether  
Concen: 0.353 ng  
RT: 16.415 min Scan# 1655  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

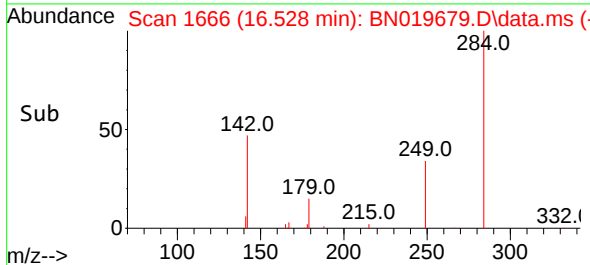
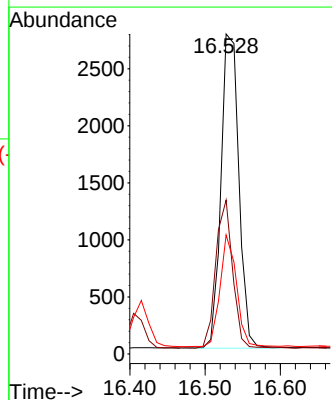
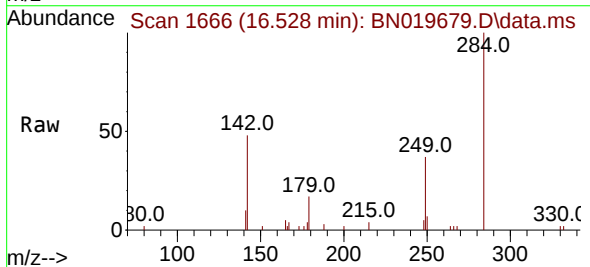
Instrument :  
BNA\_N  
ClientSampleId :  
PB144538BSD

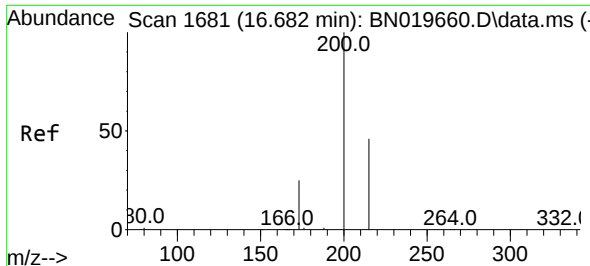
Tgt Ion:248 Resp: 3963  
Ion Ratio Lower Upper  
248 100  
250 100.9 75.5 113.3  
141 64.2 79.9 119.9#



#22  
Hexachlorobenzene  
Concen: 0.365 ng  
RT: 16.528 min Scan# 1666  
Delta R.T. -0.010 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

Tgt Ion:284 Resp: 4553  
Ion Ratio Lower Upper  
284 100  
142 44.1 33.2 49.8  
249 32.5 26.4 39.6

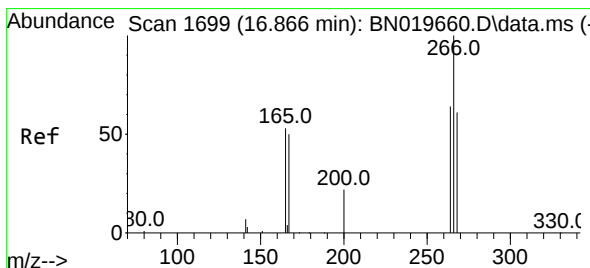
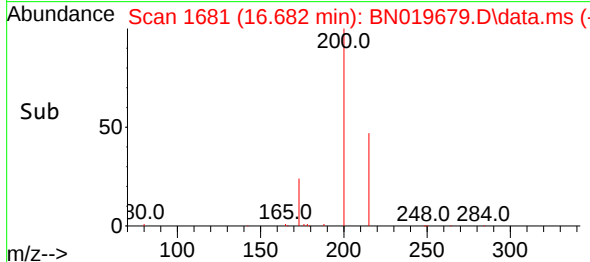
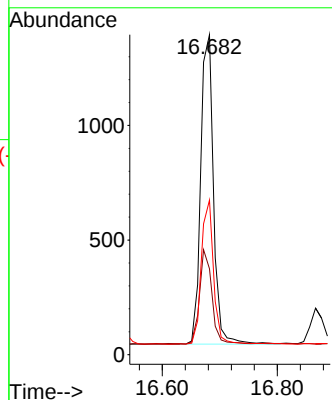
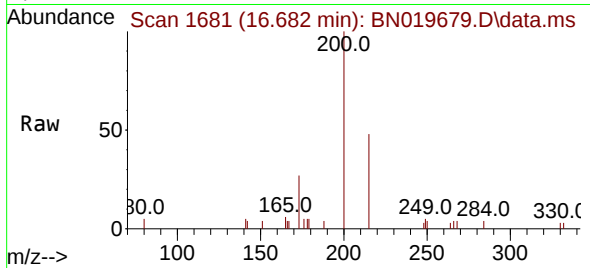




#23  
Atrazine  
Concen: 0.291 ng  
RT: 16.682 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

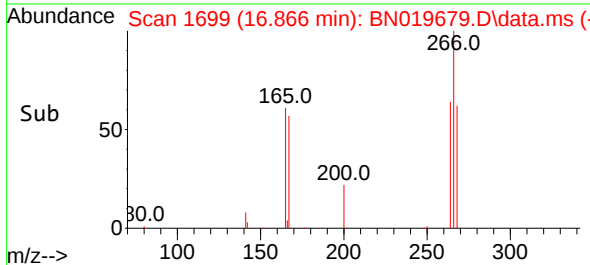
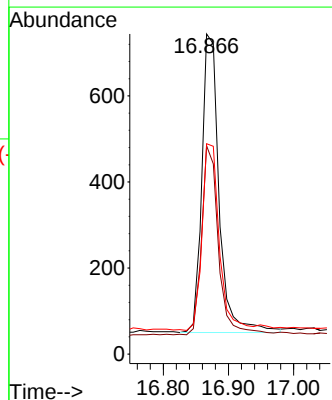
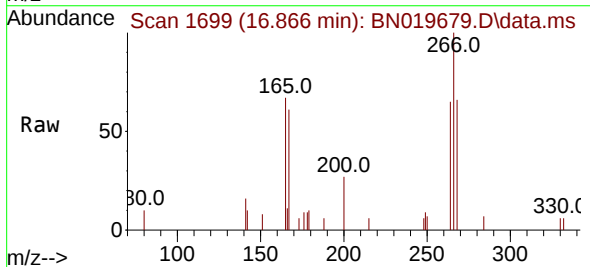
Instrument :  
BNA\_N  
ClientSampleId :  
PB144538BSD

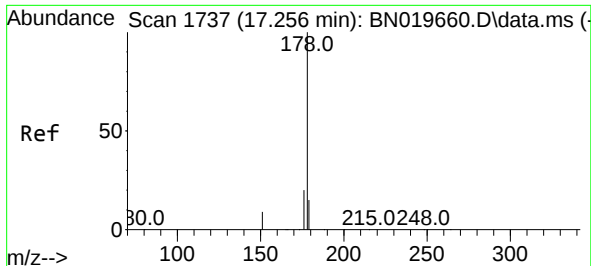
Tgt Ion:200 Resp: 2090  
Ion Ratio Lower Upper  
200 100  
173 26.9 28.5 42.7#  
215 48.3 37.0 55.4



#24  
Pentachlorophenol  
Concen: 0.275 ng  
RT: 16.866 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

Tgt Ion:266 Resp: 1284  
Ion Ratio Lower Upper  
266 100  
264 61.2 48.0 72.0  
268 61.7 54.2 81.2

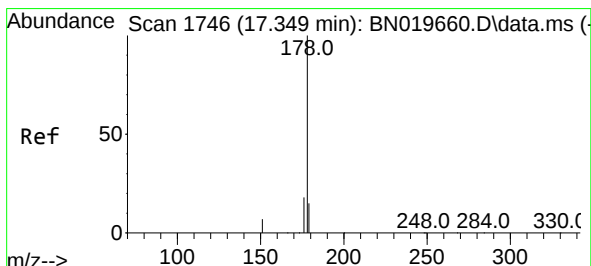
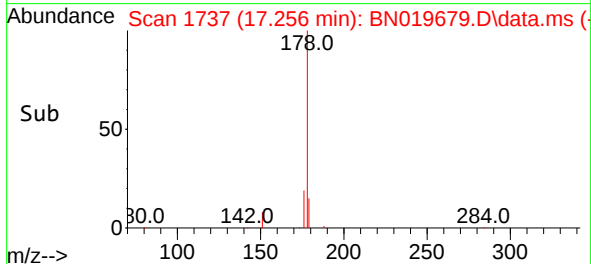
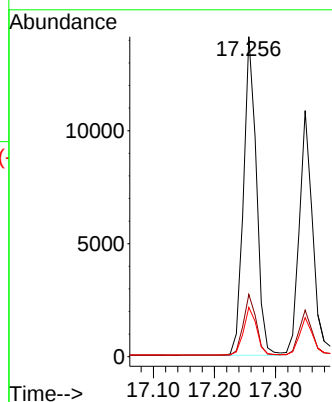
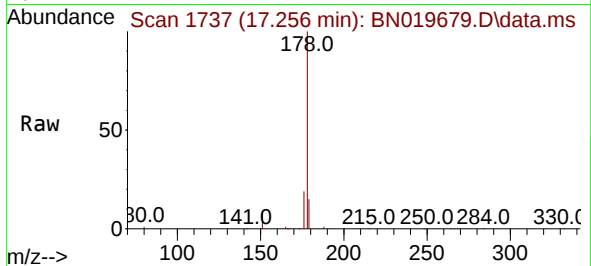




#25  
Phenanthrene  
Concen: 0.360 ng  
RT: 17.256 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

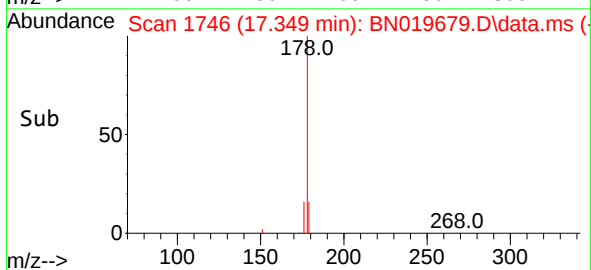
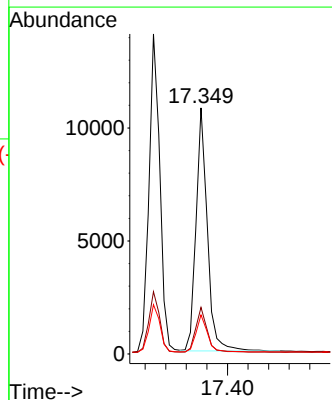
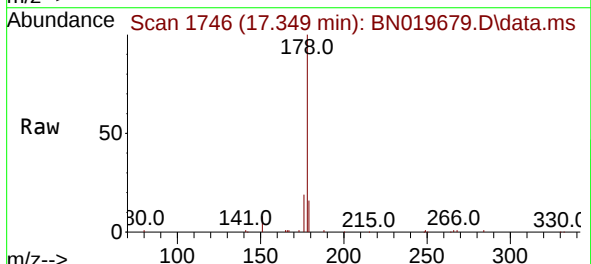
Instrument :  
BNA\_N  
ClientSampleId :  
PB144538BSD

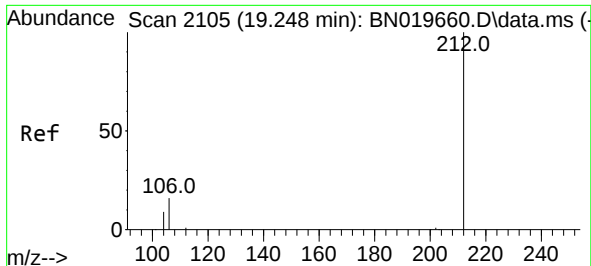
Tgt Ion:178 Resp: 20765  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.2  
179 15.2 12.1 18.1



#26  
Anthracene  
Concen: 0.335 ng  
RT: 17.349 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

Tgt Ion:178 Resp: 16430  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.3 21.5  
179 15.3 12.2 18.4

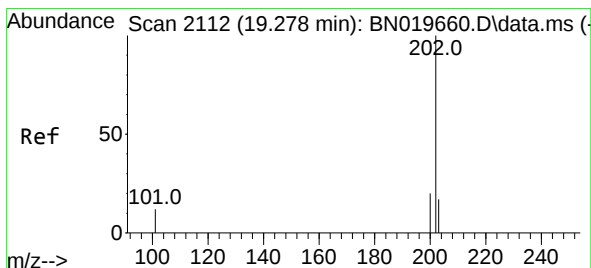
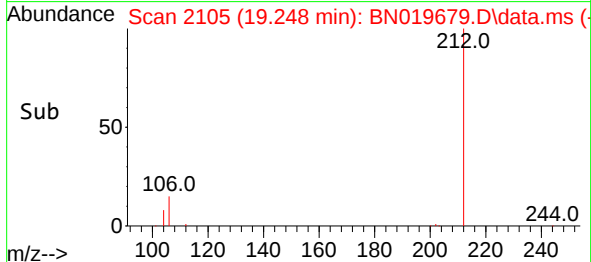
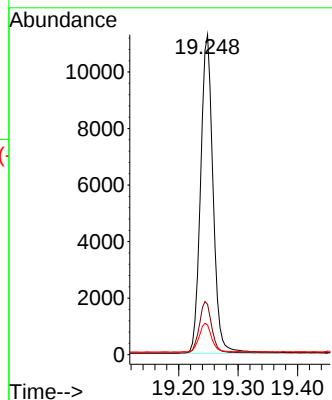
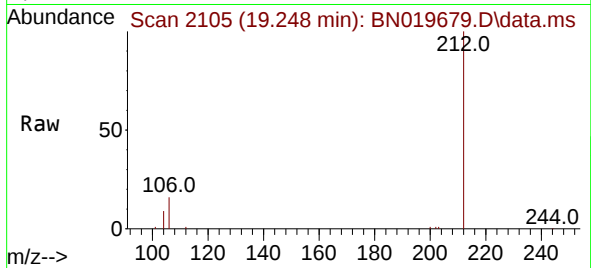




#27  
Fluoranthene-d10  
Concen: 0.341 ng  
RT: 19.248 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

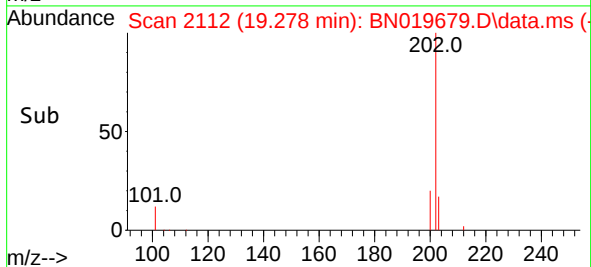
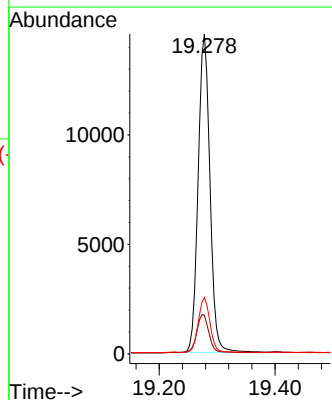
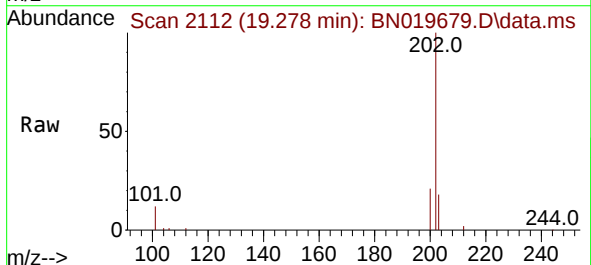
Instrument :  
BNA\_N  
ClientSampleId :  
PB144538BSD

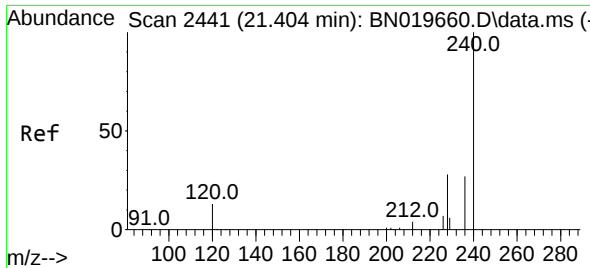
Tgt Ion:212 Resp: 16444  
Ion Ratio Lower Upper  
212 100  
106 16.0 13.5 20.3  
104 9.1 7.6 11.4



#28  
Fluoranthene  
Concen: 0.342 ng  
RT: 19.278 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

Tgt Ion:202 Resp: 20614  
Ion Ratio Lower Upper  
202 100  
101 12.5 10.6 15.8  
203 16.8 13.6 20.4

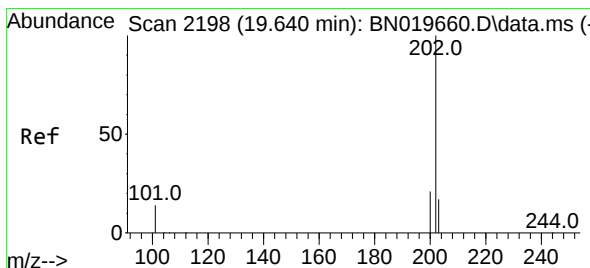
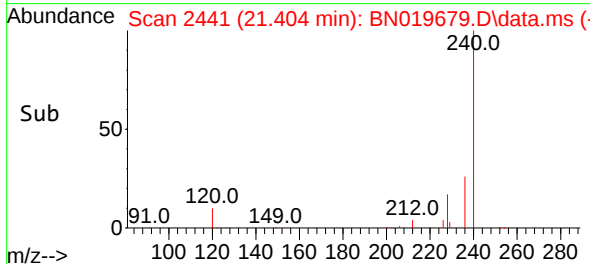
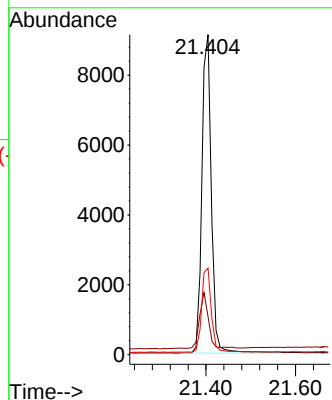
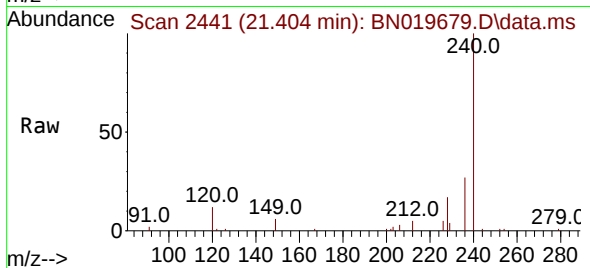




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.404 min Scan# 2441  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

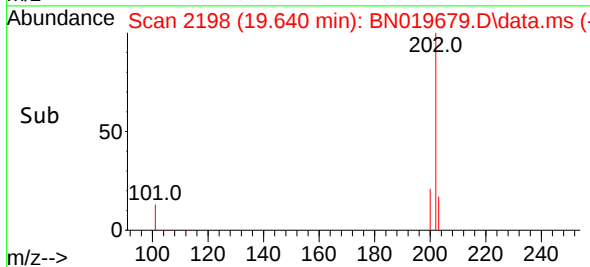
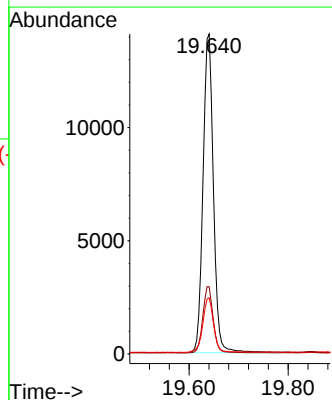
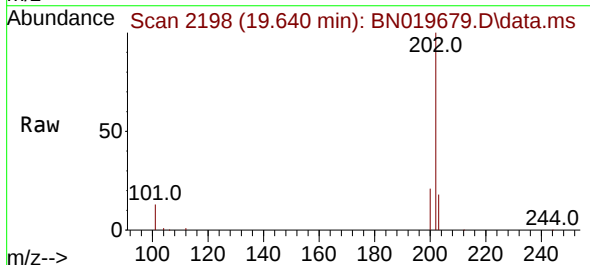
Instrument :  
BNA\_N  
ClientSampleId :  
PB144538BSD

Tgt Ion:240 Resp: 13343  
Ion Ratio Lower Upper  
240 100  
120 11.9 17.4 26.2#  
236 27.1 23.0 34.4



#30  
Pyrene  
Concen: 0.373 ng  
RT: 19.640 min Scan# 2198  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

Tgt Ion:202 Resp: 20589  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.7 25.1  
203 17.5 14.2 21.4

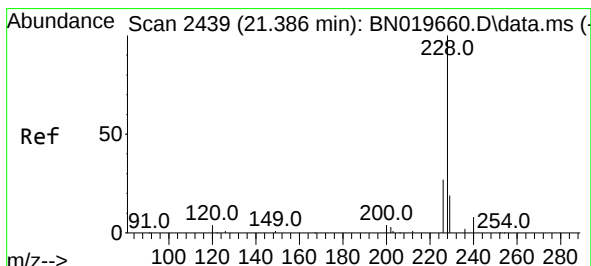
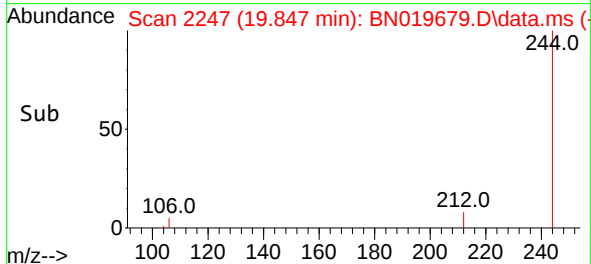
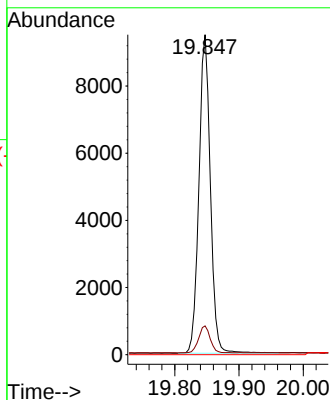
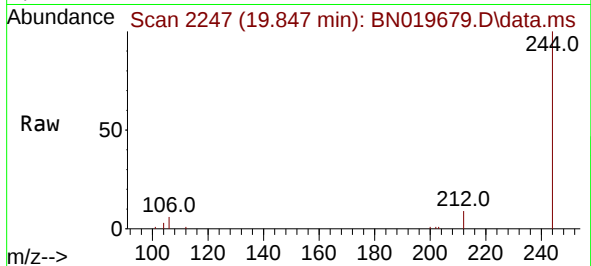




#31  
 Terphenyl-d14  
 Concen: 0.376 ng  
 RT: 19.847 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN019679.D  
 Acq: 05 May 2022 01:19

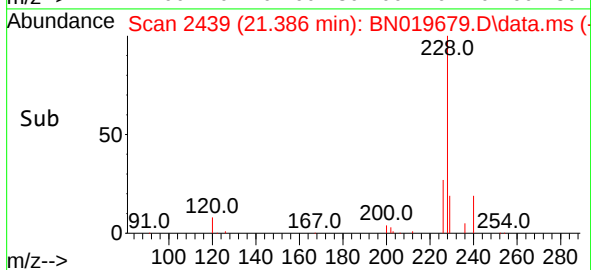
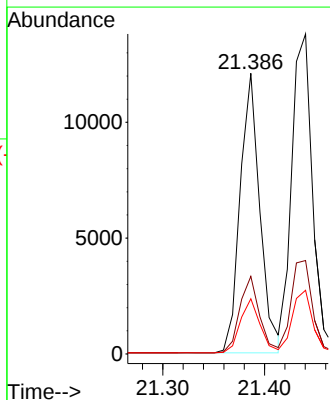
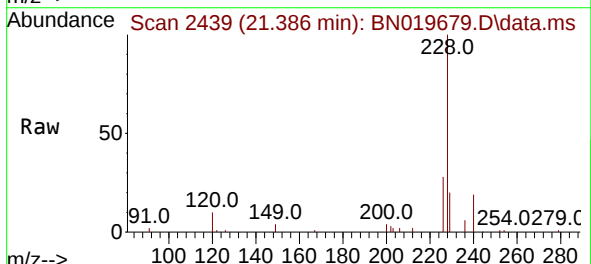
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB144538BSD

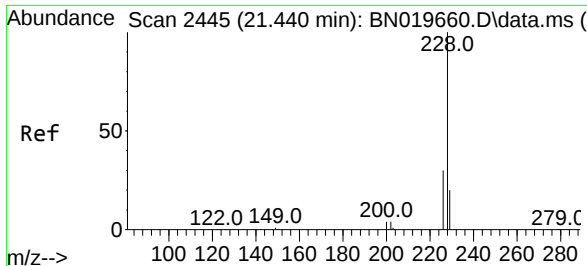
Tgt Ion:244 Resp: 11750  
 Ion Ratio Lower Upper  
 244 100  
 212 9.0 7.6 11.4  
 122 0.0 0.0 0.0



#32  
 Benzo(a)anthracene  
 Concen: 0.345 ng  
 RT: 21.386 min Scan# 2439  
 Delta R.T. -0.000 min  
 Lab File: BN019679.D  
 Acq: 05 May 2022 01:19

Tgt Ion:228 Resp: 16328  
 Ion Ratio Lower Upper  
 228 100  
 226 27.6 21.6 32.4  
 229 19.7 16.5 24.7





#33

Chrysene

Concen: 0.378 ng

RT: 21.440 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BN019679.D

Acq: 05 May 2022 01:19

Instrument :

BNA\_N

ClientSampleId :

PB144538BSD

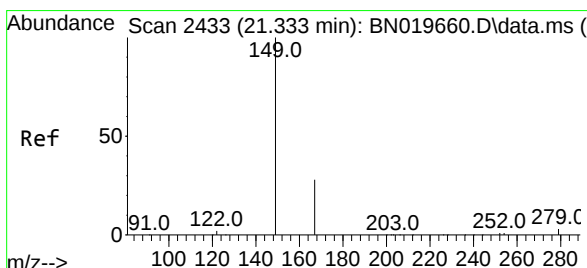
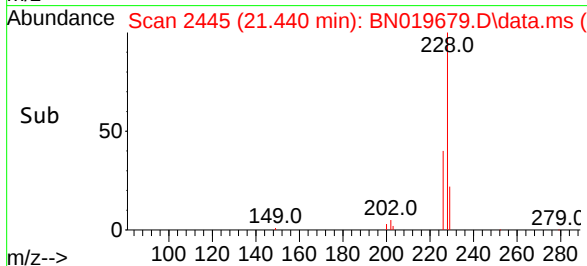
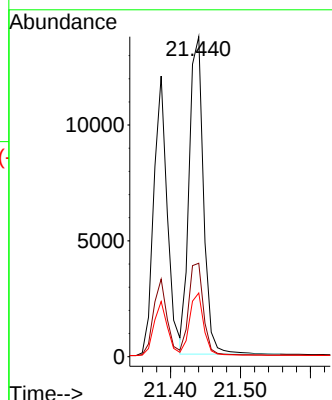
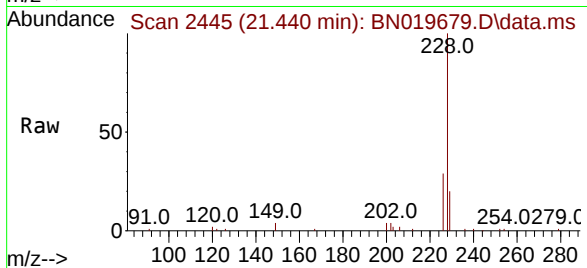
Tgt Ion:228 Resp: 19530

Ion Ratio Lower Upper

228 100

226 29.2 24.6 36.8

229 19.9 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.319 ng

RT: 21.324 min Scan# 2432

Delta R.T. -0.009 min

Lab File: BN019679.D

Acq: 05 May 2022 01:19

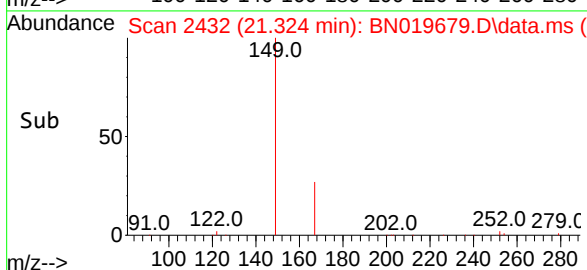
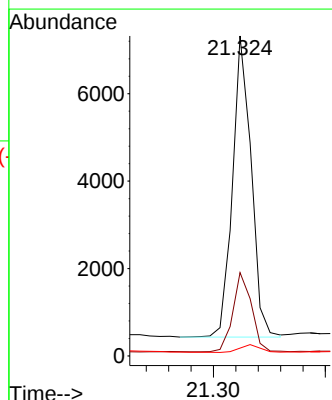
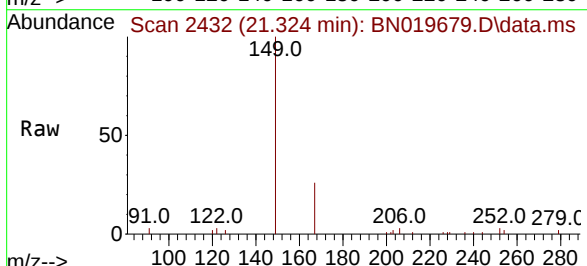
Tgt Ion:149 Resp: 7978

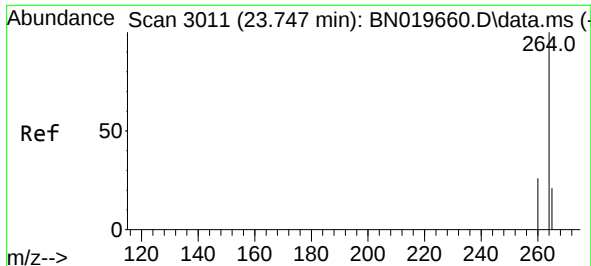
Ion Ratio Lower Upper

149 100

167 26.2 21.7 32.5

279 2.8 2.8 4.2

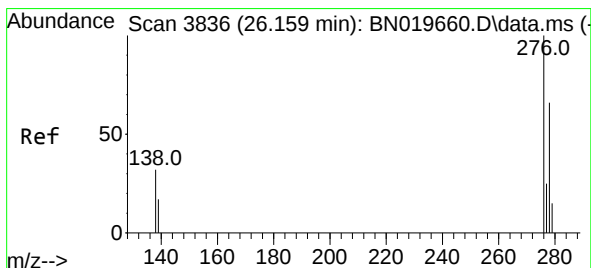
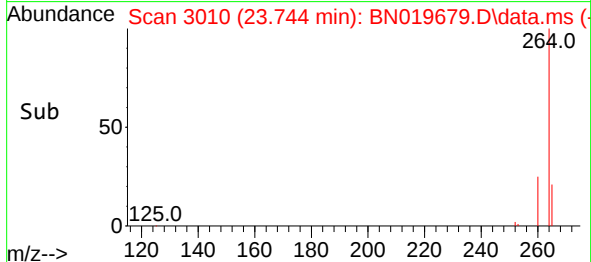
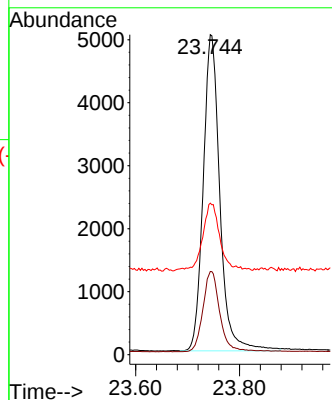
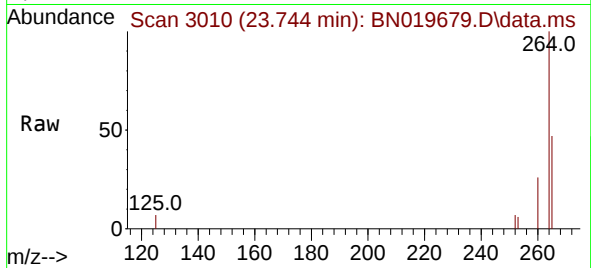




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.744 min Scan# 3011  
Delta R.T. -0.003 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

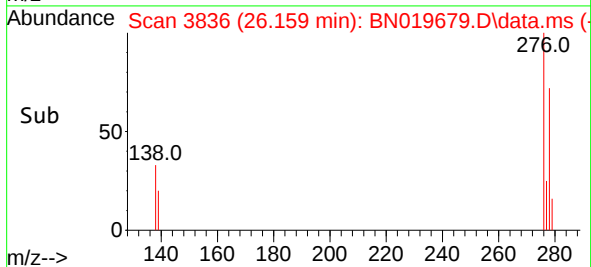
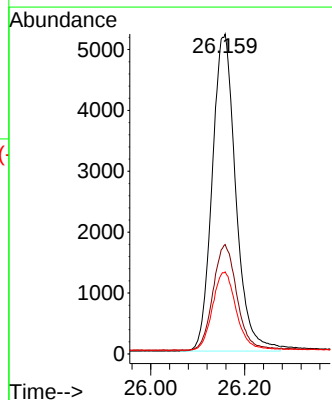
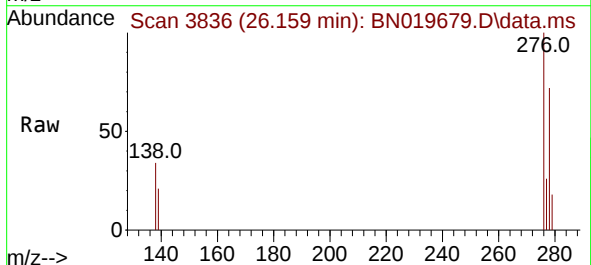
Instrument :  
BNA\_N  
ClientSampleId :  
PB144538BSD

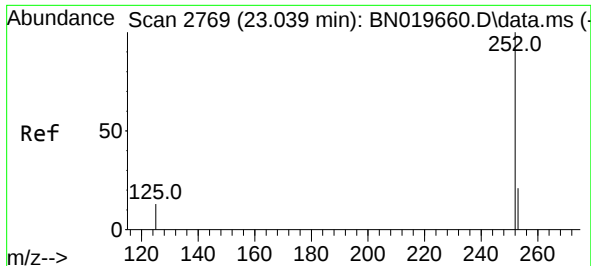
Tgt Ion:264 Resp: 11148  
Ion Ratio Lower Upper  
264 100  
260 26.0 21.0 31.6  
265 47.4 67.9 101.9#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.358 ng  
RT: 26.159 min Scan# 3836  
Delta R.T. -0.000 min  
Lab File: BN019679.D  
Acq: 05 May 2022 01:19

Tgt Ion:276 Resp: 18120  
Ion Ratio Lower Upper  
276 100  
138 33.7 26.6 40.0  
277 25.1 20.0 30.0





#37

Benzo(b)fluoranthene

Concen: 0.349 ng

RT: 23.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN019679.D

Acq: 05 May 2022 01:19

Instrument :

BNA\_N

ClientSampleId :

PB144538BSD

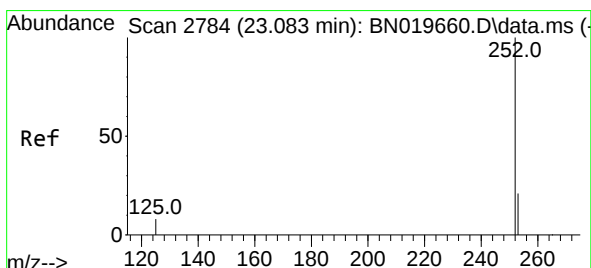
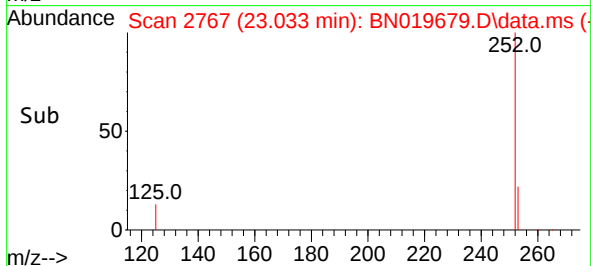
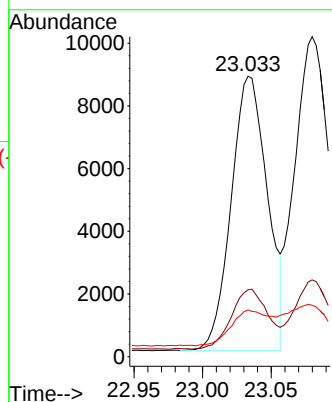
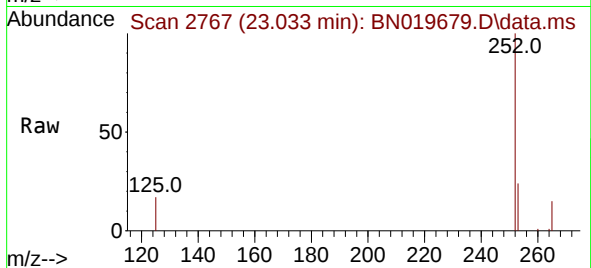
Tgt Ion:252 Resp: 16067

Ion Ratio Lower Upper

252 100

253 23.9 21.2 31.8

125 16.7 15.9 23.9



#38

Benzo(k)fluoranthene

Concen: 0.374 ng

RT: 23.080 min Scan# 2783

Delta R.T. -0.003 min

Lab File: BN019679.D

Acq: 05 May 2022 01:19

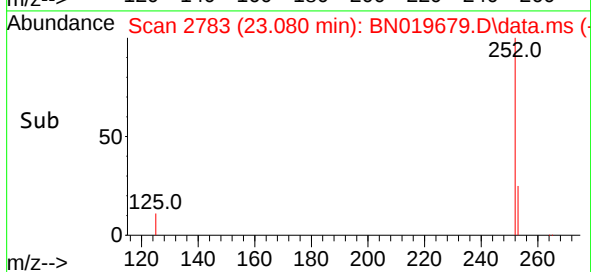
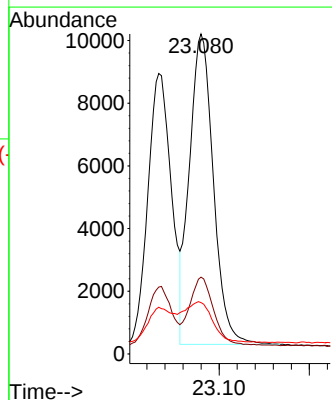
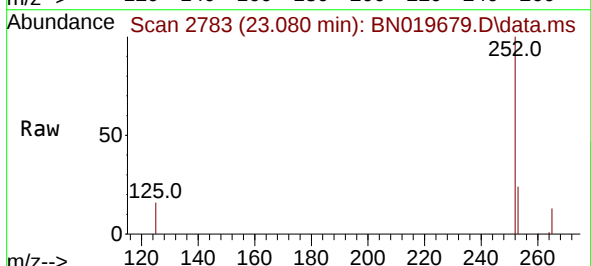
Tgt Ion:252 Resp: 18219

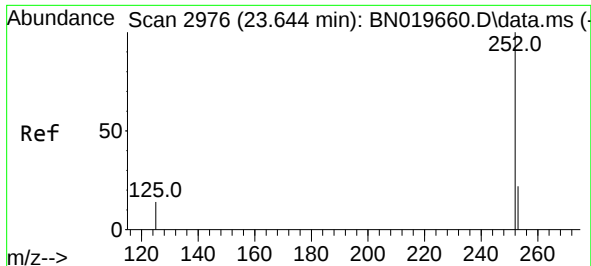
Ion Ratio Lower Upper

252 100

253 24.0 21.7 32.5

125 16.0 17.0 25.4#





#39

Benzo(a)pyrene

Concen: 0.337 ng

RT: 23.641 min Scan# 2976

Delta R.T. -0.003 min

Lab File: BN019679.D

Acq: 05 May 2022 01:19

Instrument :

BNA\_N

ClientSampleId :

PB144538BSD

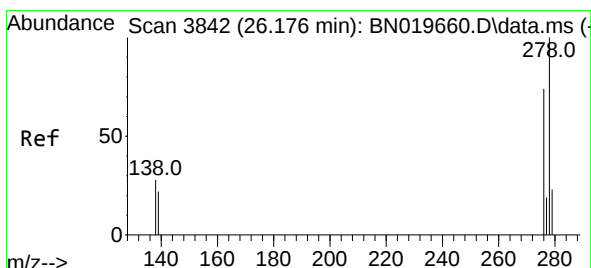
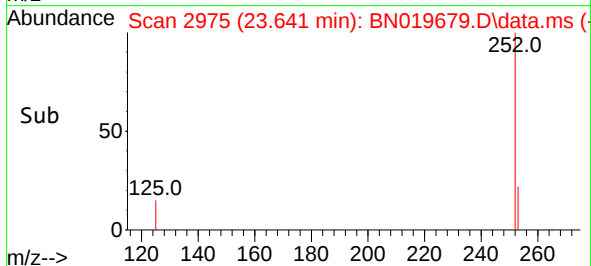
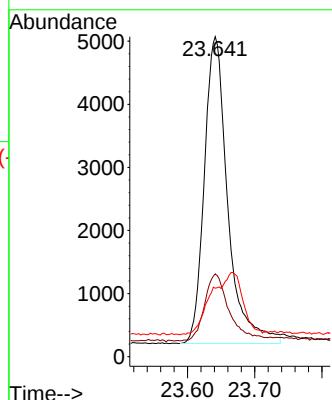
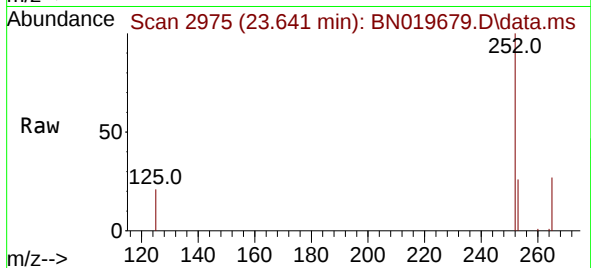
Tgt Ion:252 Resp: 11787

Ion Ratio Lower Upper

252 100

253 25.9 23.1 34.7

125 21.4 20.4 30.6



#40

Dibenzo(a,h)anthracene

Concen: 0.360 ng

RT: 26.170 min Scan# 3840

Delta R.T. -0.006 min

Lab File: BN019679.D

Acq: 05 May 2022 01:19

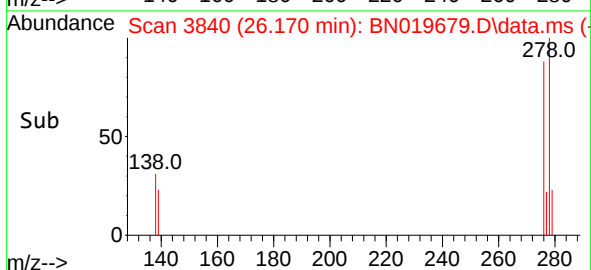
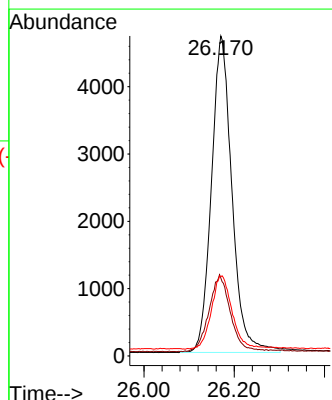
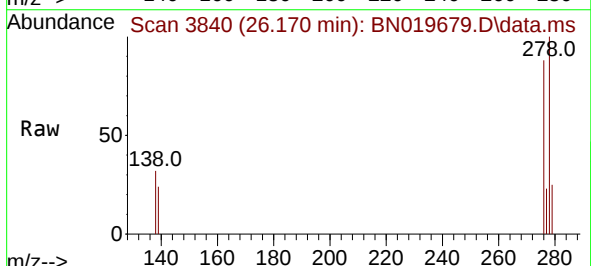
Tgt Ion:278 Resp: 14844

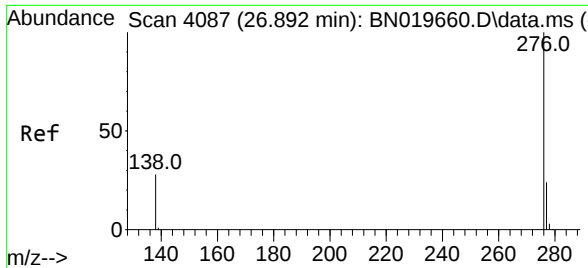
Ion Ratio Lower Upper

278 100

139 24.3 19.4 29.2

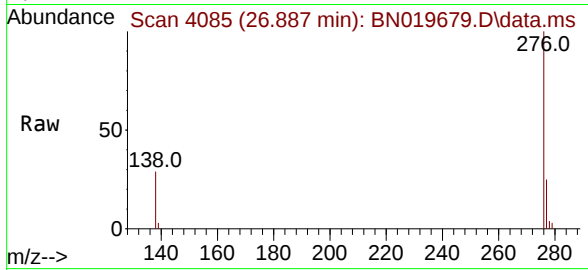
279 24.8 21.8 32.8





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.349 ng  
 RT: 26.887 min Scan# 4085  
 Delta R.T. -0.006 min  
 Lab File: BN019679.D  
 Acq: 05 May 2022 01:19

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB144538BSD



Tgt Ion: 276 Resp: 14270

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.9  | 20.2  | 30.2  |
| 138 | 29.0  | 23.5  | 35.3  |

