

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101123\  
 Data File : BN028234.D  
 Acq On : 11 Oct 2023 16:00  
 Operator : MA/JU  
 Sample : PB156212BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB156212BSD

Quant Time: Oct 11 16:33:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN100223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 10 00:42:22 2023  
 Response via : Initial Calibration

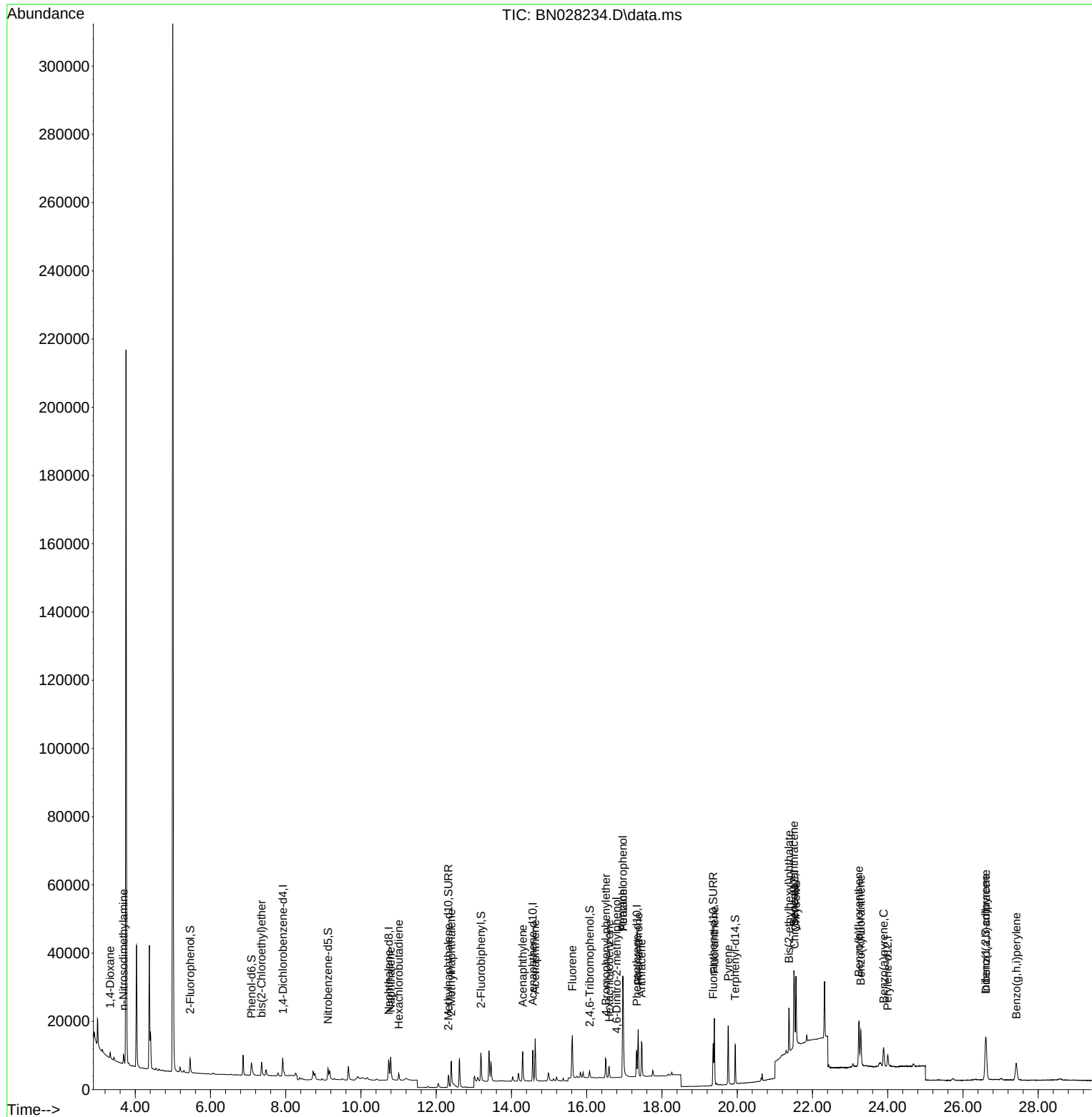
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 2798     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.735 | 136  | 9249     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.566 | 164  | 5269     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.331 | 188  | 12187    | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12              | 21.524 | 240  | 11273    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.998 | 264  | 5102     | 0.400 | ng    | # 0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.459  | 112  | 3857     | 0.462 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.091  | 99   | 4768     | 0.453 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.123  | 82   | 3279     | 0.417 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.324 | 152  | 5761     | 0.420 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.077 | 330  | 1206     | 0.500 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.186 | 172  | 8219     | 0.433 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.360 | 212  | 13925    | 0.455 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.946 | 244  | 12119    | 0.461 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.335  | 88   | 1225     | 0.390 | ng    | # 52     |
| 3) n-Nitrosodimethylamine     | 3.689  | 42   | 1570     | 0.437 | ng    | # 97     |
| 6) bis(2-Chloroethyl)ether    | 7.358  | 93   | 3661     | 0.432 | ng    | 99       |
| 9) Naphthalene                | 10.789 | 128  | 10055    | 0.421 | ng    | 98       |
| 10) Hexachlorobutadiene       | 11.002 | 225  | 1658     | 0.391 | ng    | # 97     |
| 12) 2-Methylnaphthalene       | 12.400 | 142  | 6545     | 0.392 | ng    | 99       |
| 16) Acenaphthylene            | 14.298 | 152  | 9799     | 0.420 | ng    | 99       |
| 17) Acenaphthene              | 14.630 | 154  | 6284     | 0.422 | ng    | 99       |
| 18) Fluorene                  | 15.618 | 166  | 8671     | 0.449 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 16.797 | 198  | 5        | 0.031 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.512 | 248  | 2522     | 0.397 | ng    | # 72     |
| 22) Hexachlorobenzene         | 16.599 | 284  | 2809     | 0.421 | ng    | 97       |
| 23) Atrazine                  | 16.959 | 200  | 3339     | 0.602 | ng    | # 40     |
| 24) Pentachlorophenol         | 16.959 | 266  | 17236    | 5.489 | ng    | 94       |
| 25) Phenanthrene              | 17.368 | 178  | 14395    | 0.438 | ng    | 100      |
| 26) Anthracene                | 17.455 | 178  | 13321    | 0.429 | ng    | 99       |
| 28) Fluoranthene              | 19.393 | 202  | 17991    | 0.474 | ng    | 99       |
| 30) Pyrene                    | 19.760 | 202  | 16254    | 0.393 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.506 | 228  | 18133    | 0.473 | ng    | 96       |
| 33) Chrysene                  | 21.560 | 228  | 18201    | 0.492 | ng    | 95       |
| 34) Bis(2-ethylhexyl)phtha... | 21.372 | 149  | 12754    | 0.505 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.601 | 276  | 14884    | 0.867 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.235 | 252  | 18321    | 1.112 | ng    | # 89     |
| 38) Benzo(k)fluoranthene      | 23.282 | 252  | 14735    | 0.882 | ng    | # 85     |
| 39) Benzo(a)pyrene            | 23.887 | 252  | 9239     | 0.593 | ng    | # 67     |
| 40) Dibenzo(a,h)anthracene    | 26.612 | 278  | 15286    | 1.089 | ng    | # 88     |
| 41) Benzo(g,h,i)perylene      | 27.419 | 276  | 11780    | 0.817 | ng    | # 88     |
| -----                         |        |      |          |       |       |          |

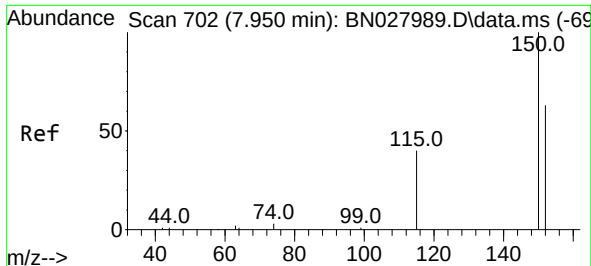
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101123\  
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Sample : PB156212BSD  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Time: Oct 11 16:33:31 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN100223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 10 00:42:22 2023  
Response via : Initial Calibration

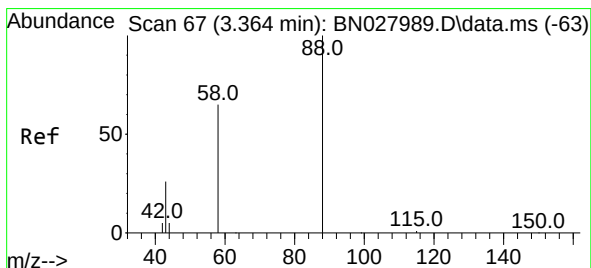
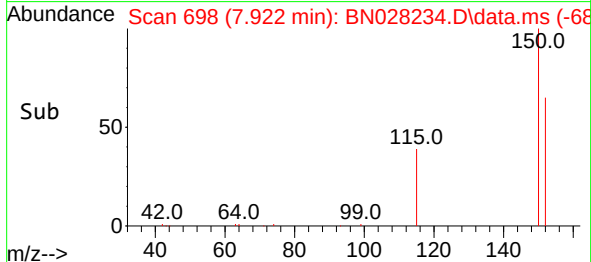
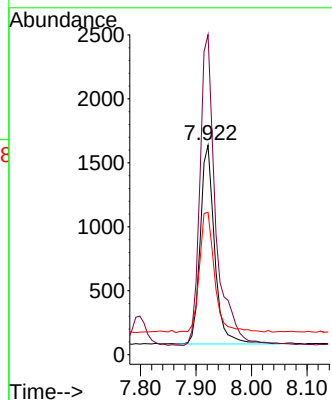
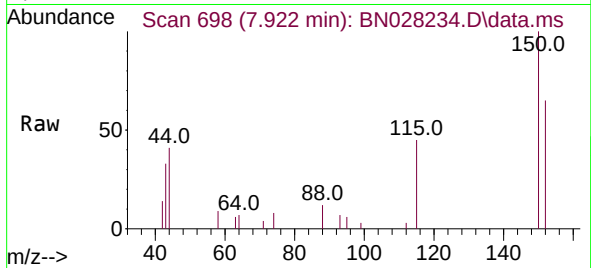




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.922 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN028234.D  
 Acq: 11 Oct 2023 16:00

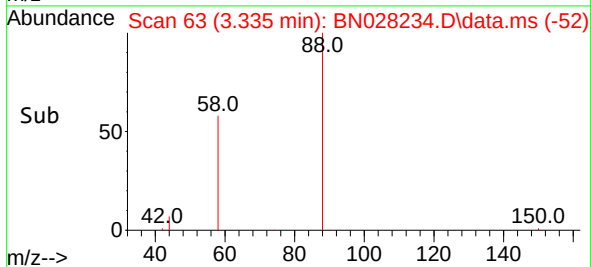
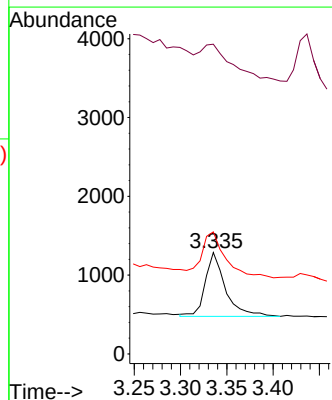
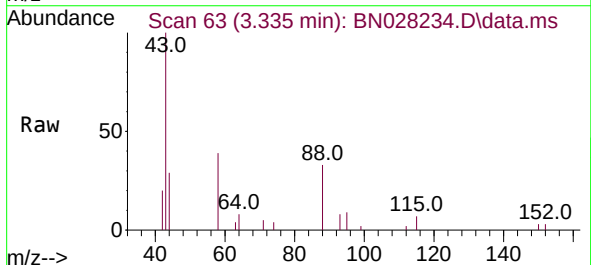
Instrument :  
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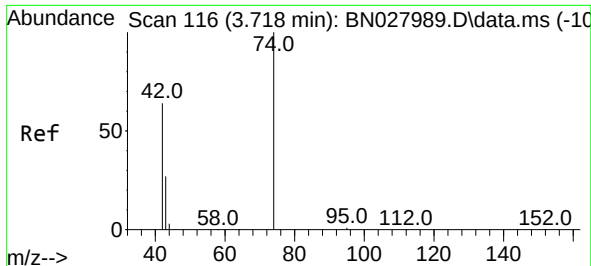
Tgt Ion:152 Resp: 2798  
 Ion Ratio Lower Upper  
 152 100  
 150 152.8 125.6 188.4  
 115 68.1 54.8 82.2



#2  
 1,4-Dioxane  
 Concen: 0.390 ng  
 RT: 3.335 min Scan# 63  
 Delta R.T. -0.022 min  
 Lab File: BN028234.D  
 Acq: 11 Oct 2023 16:00

Tgt Ion: 88 Resp: 1225  
 Ion Ratio Lower Upper  
 88 100  
 43 92.3 24.6 36.8#  
 58 82.3 53.8 80.6#

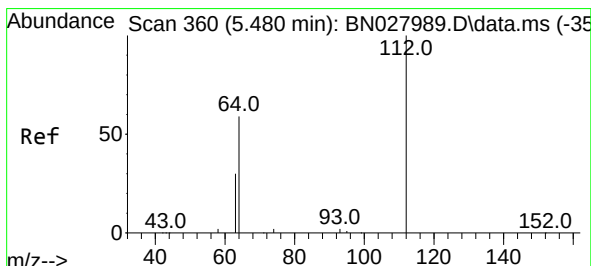
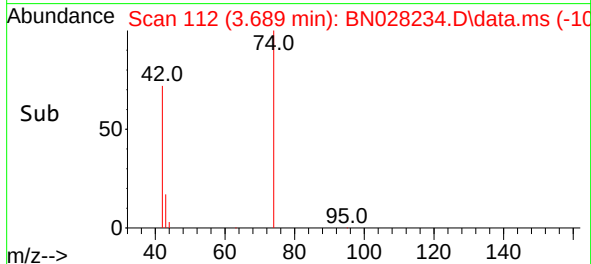
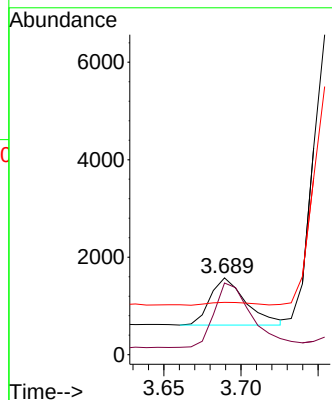
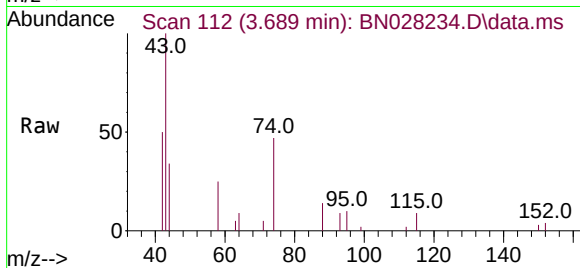




#3  
n-Nitrosodimethylamine  
Concen: 0.437 ng  
RT: 3.689 min Scan# 116  
Delta R.T. -0.022 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

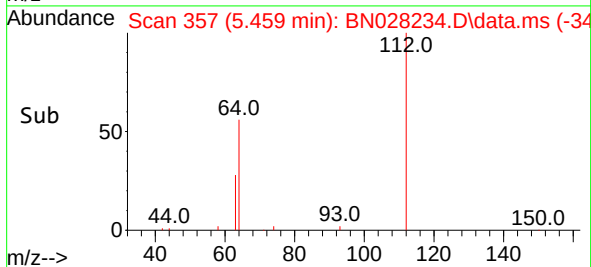
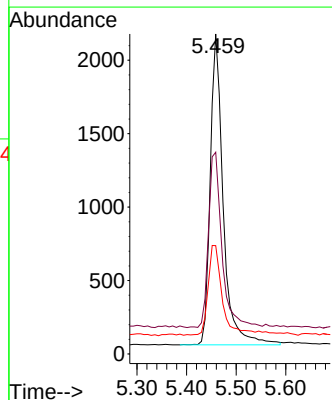
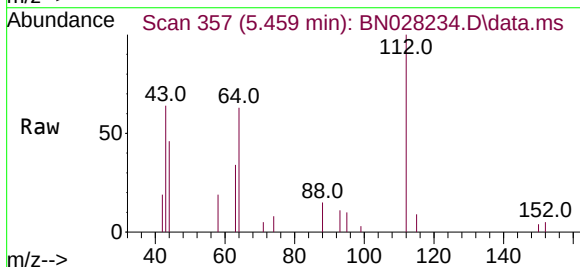
Instrument :  
BNA\_N  
ClientSampleId :  
PB156212BSD

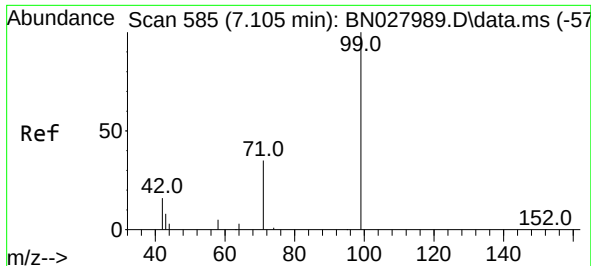
Tgt Ion: 42 Resp: 1570  
Ion Ratio Lower Upper  
42 100  
74 147.1 115.9 173.9  
44 0.0 8.0 12.0#



#4  
2-Fluorophenol  
Concen: 0.462 ng  
RT: 5.459 min Scan# 357  
Delta R.T. -0.007 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

Tgt Ion: 112 Resp: 3857  
Ion Ratio Lower Upper  
112 100  
64 58.3 45.0 67.6  
63 30.7 23.4 35.0

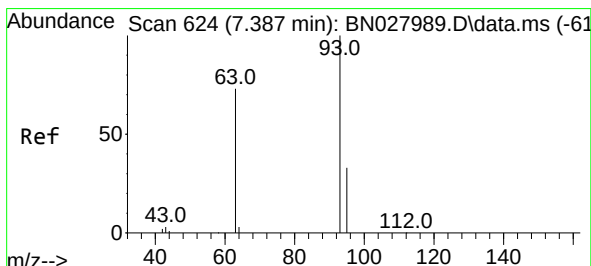
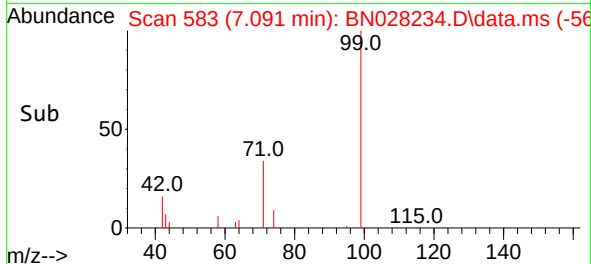
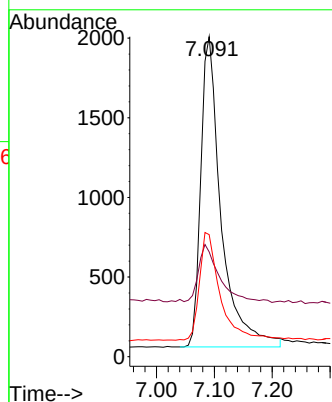
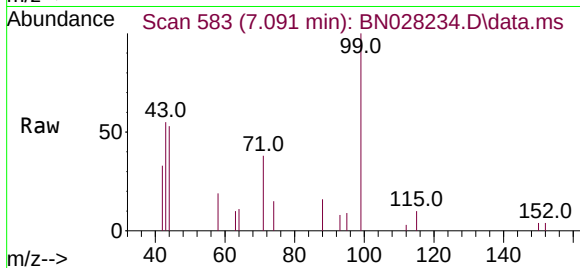




#5  
Phenol-d6  
Concen: 0.453 ng  
RT: 7.091 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

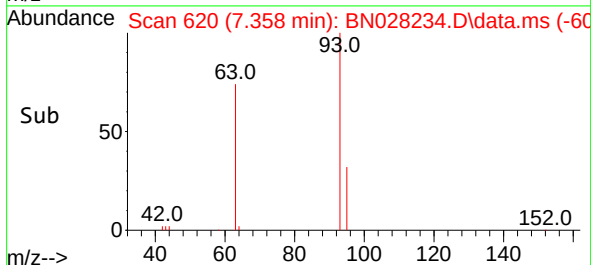
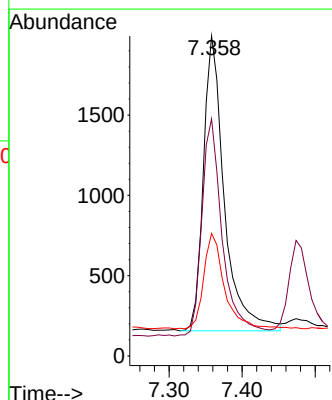
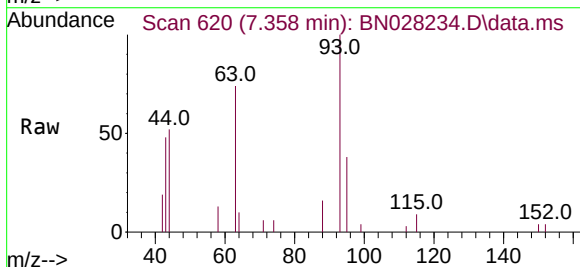
Instrument :  
BNA\_N  
ClientSampleId :  
PB156212BSD

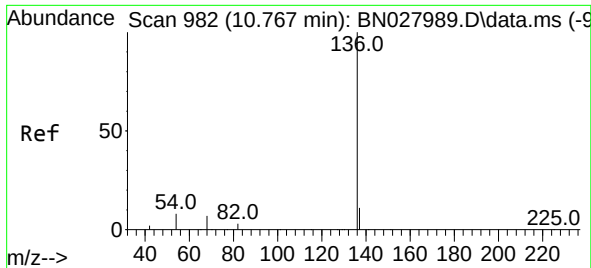
Tgt Ion: 99 Resp: 4768  
Ion Ratio Lower Upper  
99 100  
42 18.8 14.6 22.0  
71 35.0 28.3 42.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.432 ng  
RT: 7.358 min Scan# 620  
Delta R.T. -0.007 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

Tgt Ion: 93 Resp: 3661  
Ion Ratio Lower Upper  
93 100  
63 72.9 58.8 88.2  
95 32.0 26.6 39.8

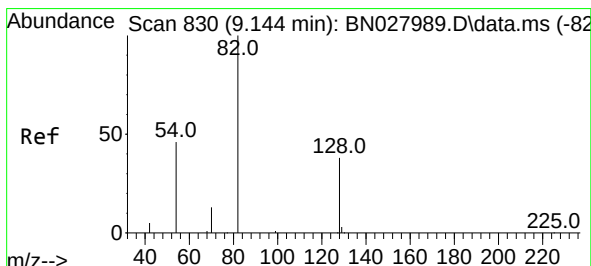
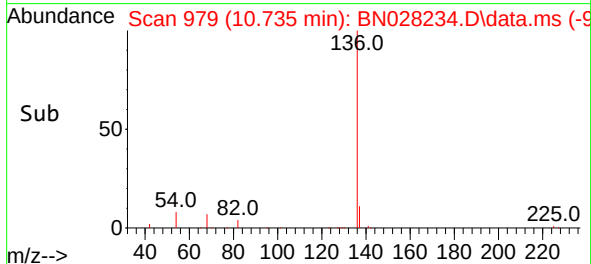
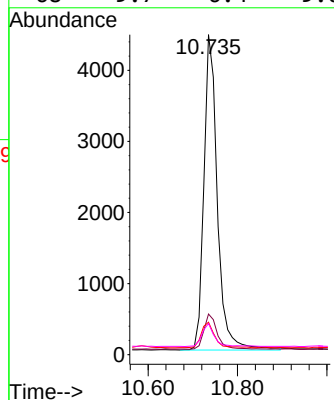
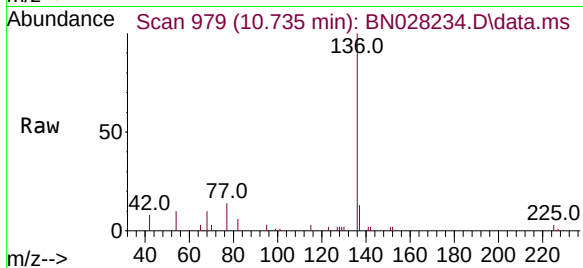




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.735 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

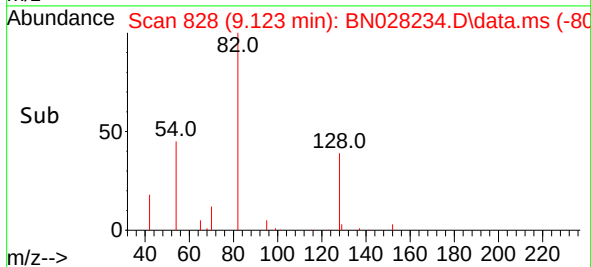
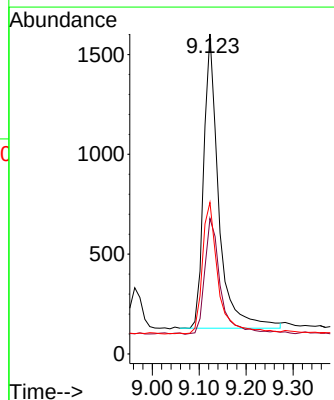
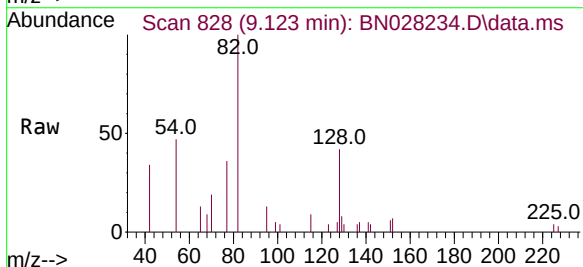
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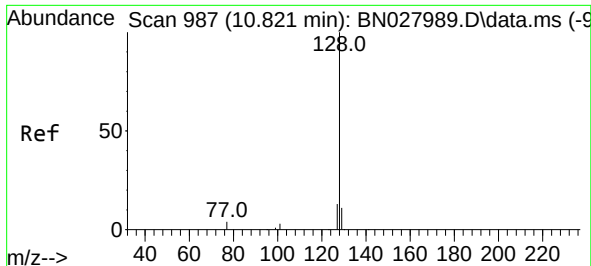
Tgt Ion:136 Resp: 9249  
Ion Ratio Lower Upper  
136 100  
137 12.7 9.4 14.0  
54 10.1 7.0 10.6  
68 9.7 6.4 9.6#



#8  
Nitrobenzene-d5  
Concen: 0.417 ng  
RT: 9.123 min Scan# 828  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

Tgt Ion: 82 Resp: 3279  
Ion Ratio Lower Upper  
82 100  
128 42.4 32.7 49.1  
54 47.3 38.7 58.1

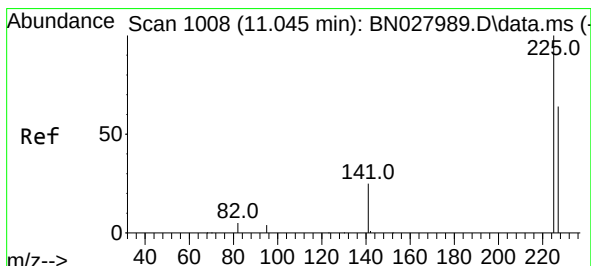
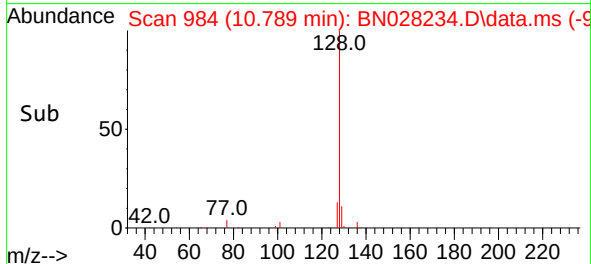
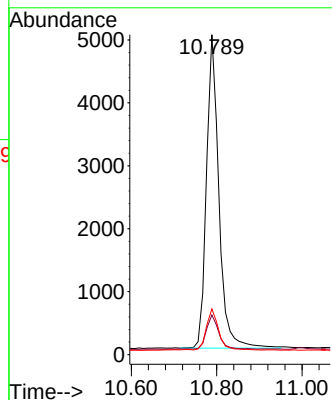
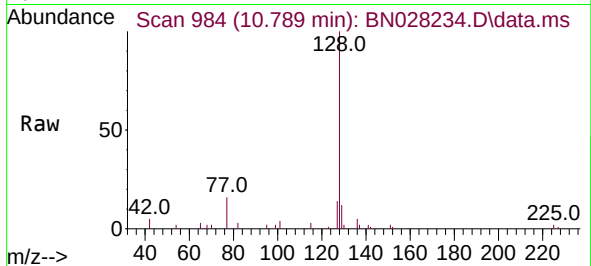




#9  
Naphthalene  
Concen: 0.421 ng  
RT: 10.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

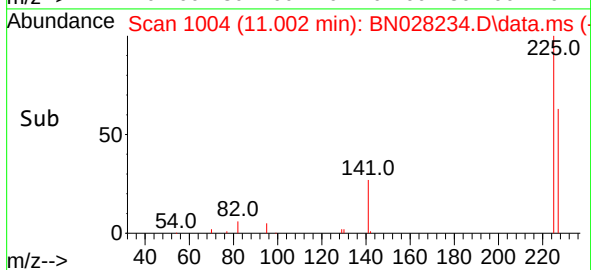
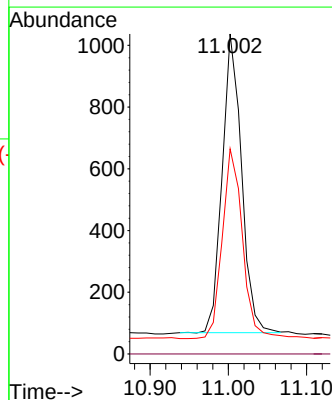
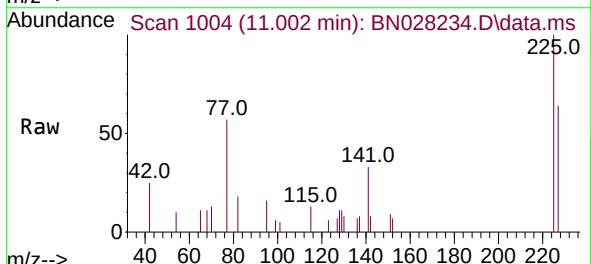
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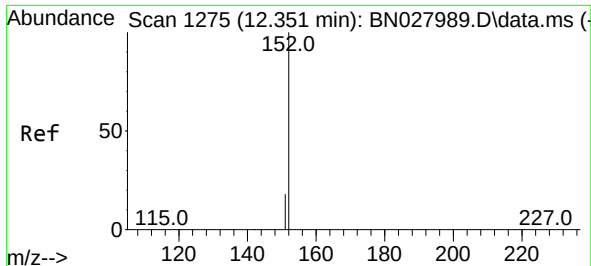
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|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 10055 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 12.4  | 9.4   | 14.2  |
| 127       | 14.3  | 10.9  | 16.3  |



#10  
Hexachlorobutadiene  
Concen: 0.391 ng  
RT: 11.002 min Scan# 1004  
Delta R.T. -0.011 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 1658 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 66.3  | 51.3  | 76.9 |

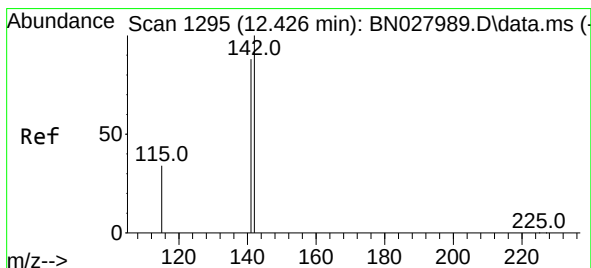
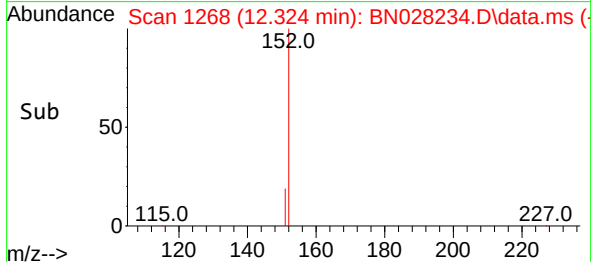
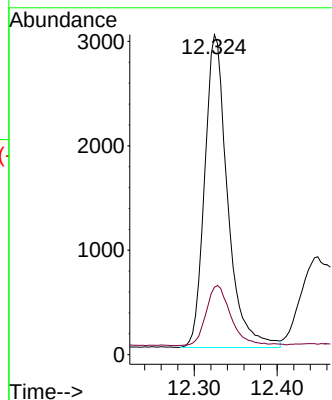
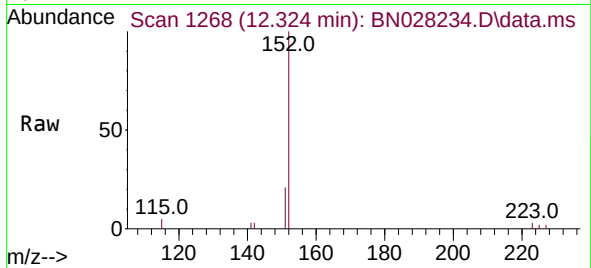




#11  
2-Methylnaphthalene-d10  
Concen: 0.420 ng  
RT: 12.324 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

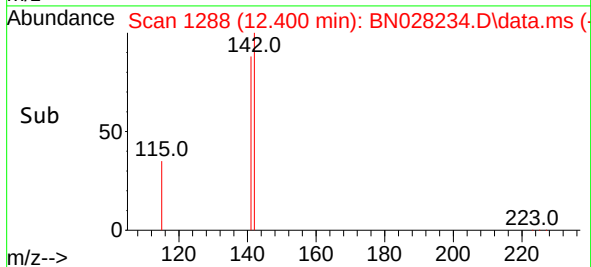
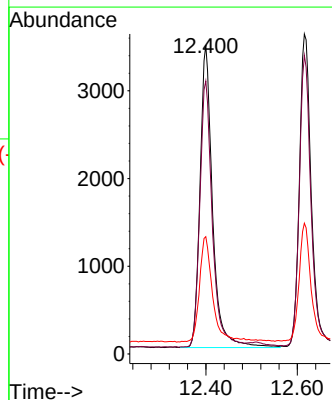
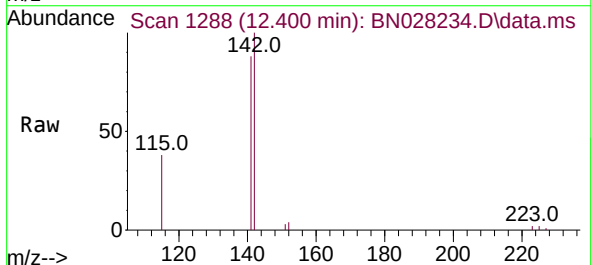
Instrument :  
BNA\_N  
ClientSampleId :  
PB156212BSD

Tgt Ion:152 Resp: 5761  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.5 24.7

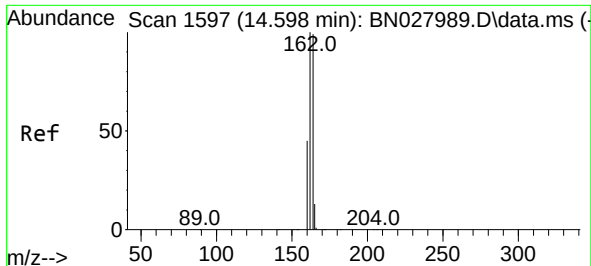


#12  
2-Methylnaphthalene  
Concen: 0.392 ng  
RT: 12.400 min Scan# 1288  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

Tgt Ion:142 Resp: 6545  
Ion Ratio Lower Upper  
142 100  
141 88.3 70.7 106.1  
115 38.0 28.6 42.8



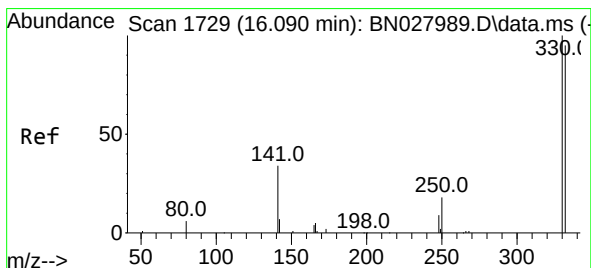
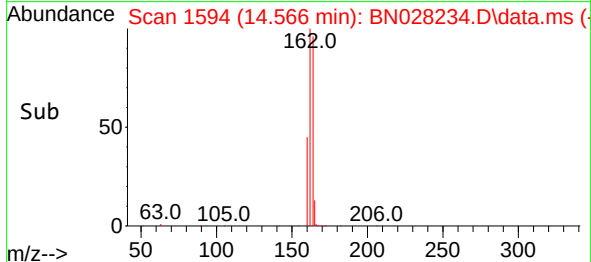
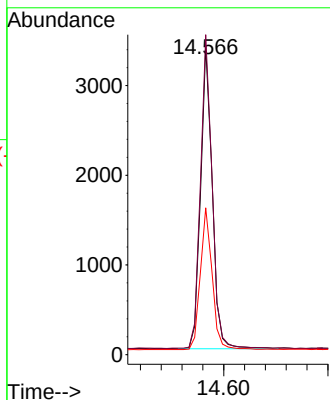
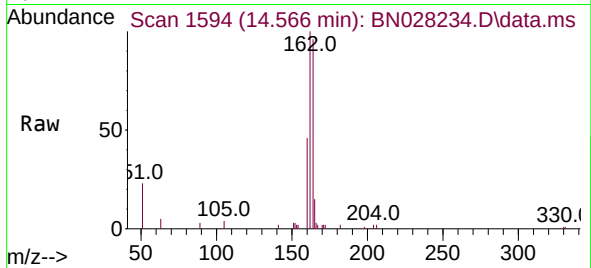




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.566 min Scan# 1594  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

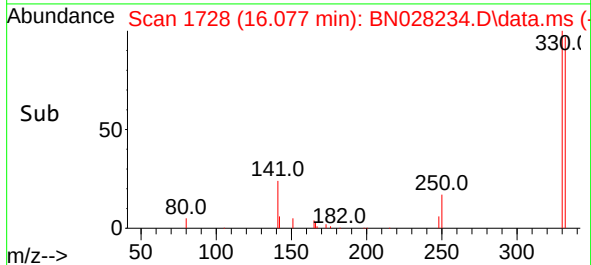
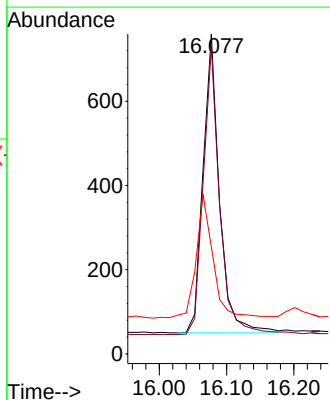
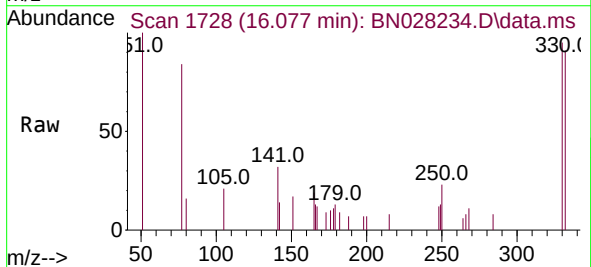
Instrument :  
BNA\_N  
ClientSampleId :  
PB156212BSD

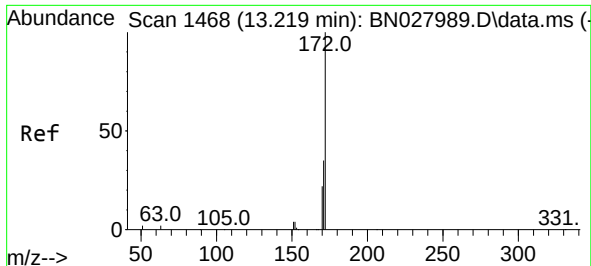
Tgt Ion:164 Resp: 5269  
Ion Ratio Lower Upper  
164 100  
162 103.8 80.8 121.2  
160 47.7 36.4 54.6



#14  
2,4,6-Tribromophenol  
Concen: 0.500 ng  
RT: 16.077 min Scan# 1728  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

Tgt Ion:330 Resp: 1206  
Ion Ratio Lower Upper  
330 100  
332 96.2 78.1 117.1  
141 41.3 33.4 50.2

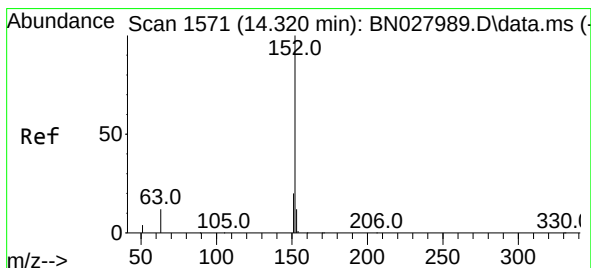
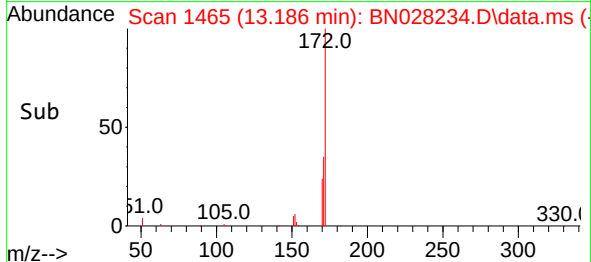
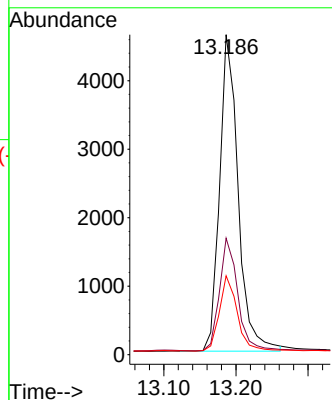
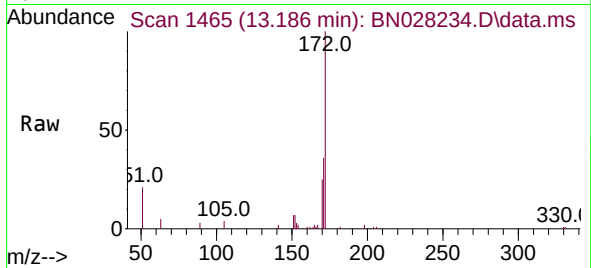




#15  
2-Fluorobiphenyl  
Concen: 0.433 ng  
RT: 13.186 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

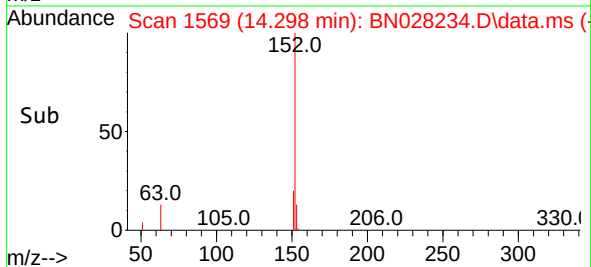
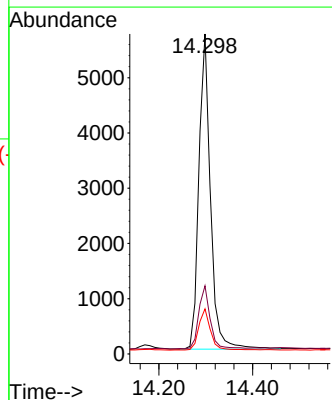
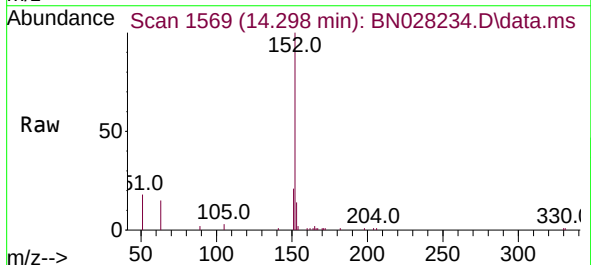
Instrument :  
BNA\_N  
ClientSampleId :  
PB156212BSD

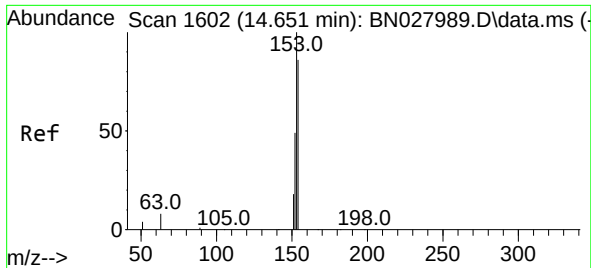
Tgt Ion:172 Resp: 8219  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.1 42.1  
170 24.6 18.4 27.6



#16  
Acenaphthylene  
Concen: 0.420 ng  
RT: 14.298 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

Tgt Ion:152 Resp: 9799  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.8 23.6  
153 13.3 10.2 15.4

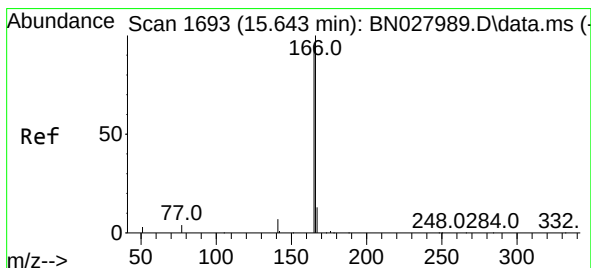
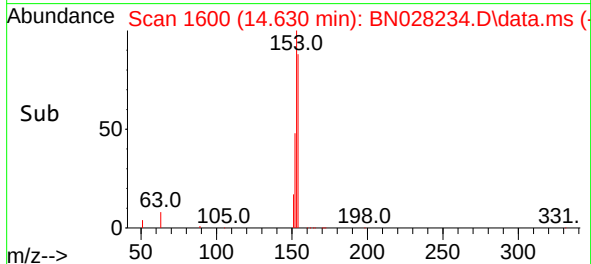
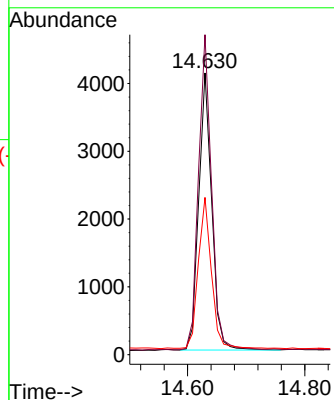
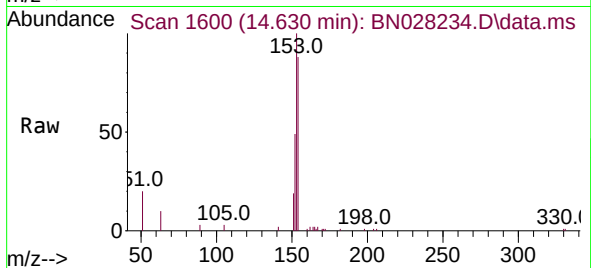




#17  
Acenaphthene  
Concen: 0.422 ng  
RT: 14.630 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

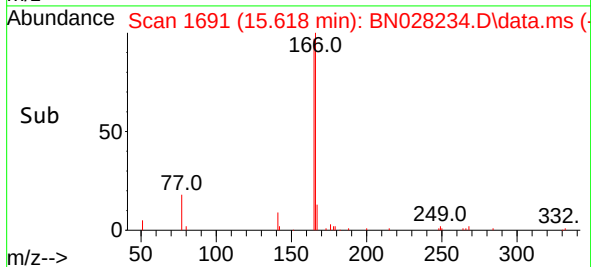
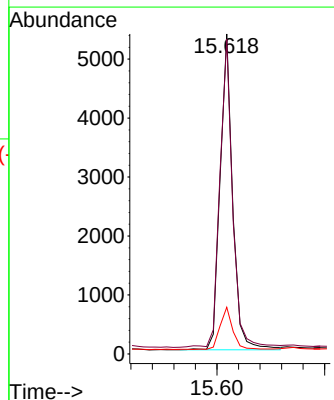
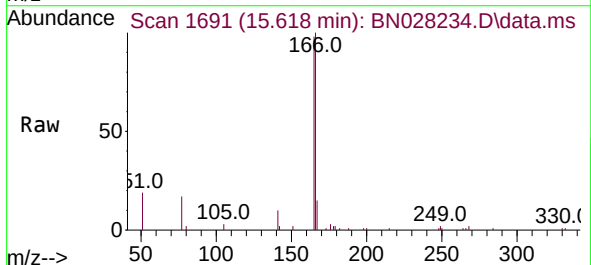
Instrument :  
BNA\_N  
ClientSampleId :  
PB156212BSD

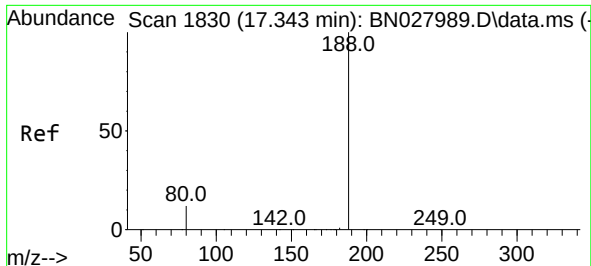
Tgt Ion:154 Resp: 6284  
Ion Ratio Lower Upper  
154 100  
153 114.8 90.8 136.2  
152 55.7 43.9 65.9



#18  
Fluorene  
Concen: 0.449 ng  
RT: 15.618 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

Tgt Ion:166 Resp: 8671  
Ion Ratio Lower Upper  
166 100  
165 98.5 77.8 116.8  
167 13.5 10.7 16.1

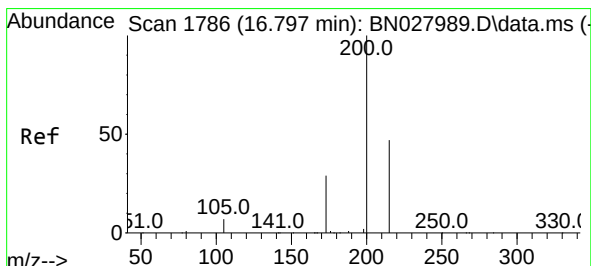
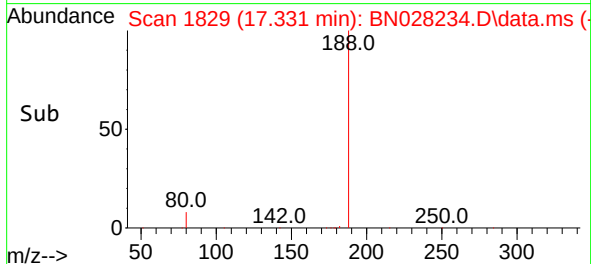
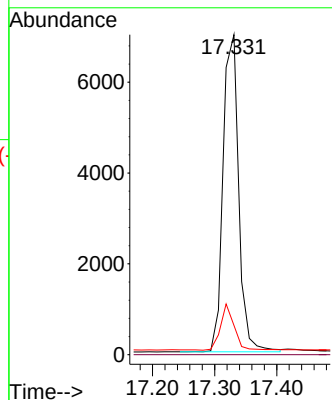
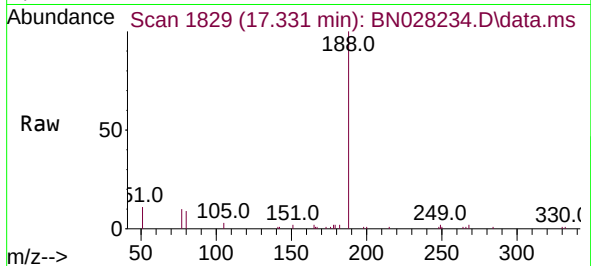




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.331 min Scan# 1829  
Delta R.T. 0.012 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

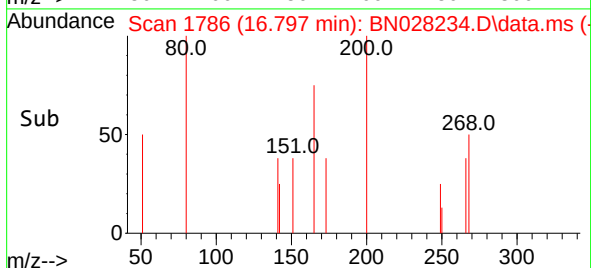
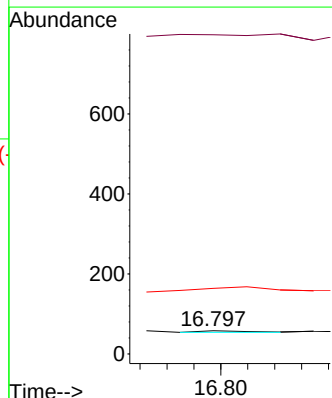
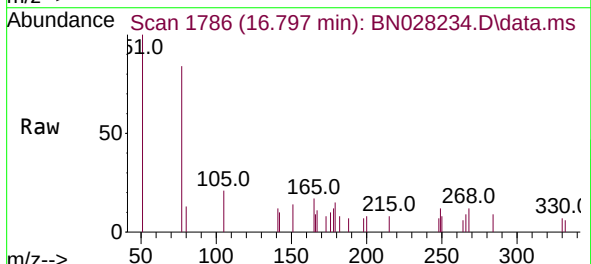
Instrument :  
BNA\_N  
ClientSampleId :  
PB156212BSD

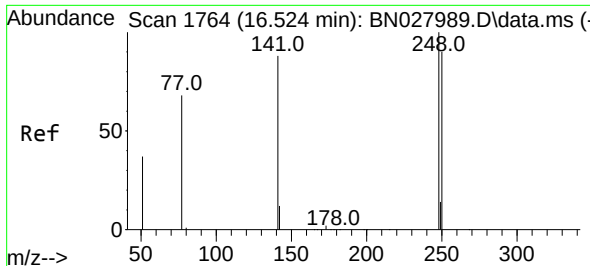
Tgt Ion:188 Resp: 12187  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.2 10.2 15.4#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.031 ng  
RT: 16.797 min Scan# 1786  
Delta R.T. 0.012 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

Tgt Ion:198 Resp: 5  
Ion Ratio Lower Upper  
198 100  
51 1375.9 180.7 271.1#  
105 282.8 222.2 333.2

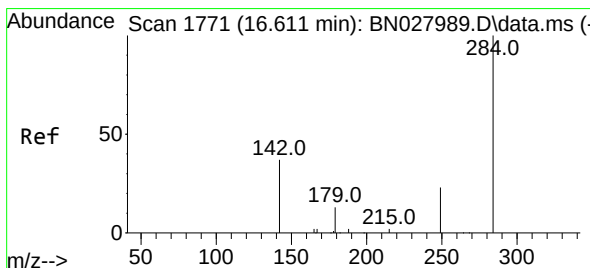
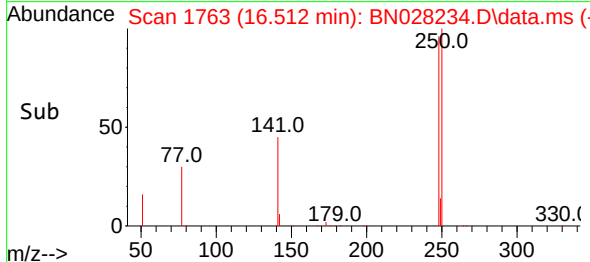
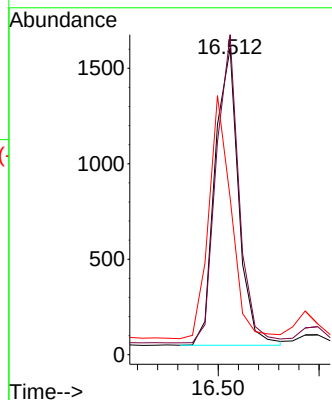
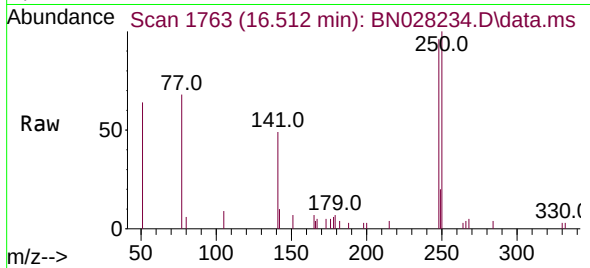




#21  
4-Bromophenyl-phenylether  
Concen: 0.397 ng  
RT: 16.512 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

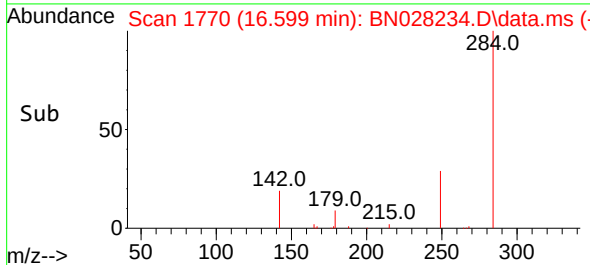
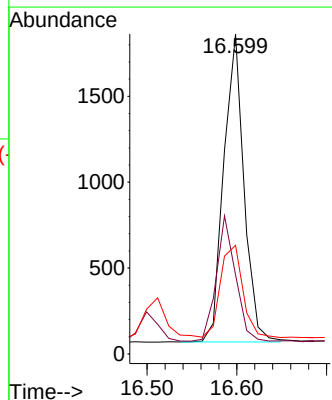
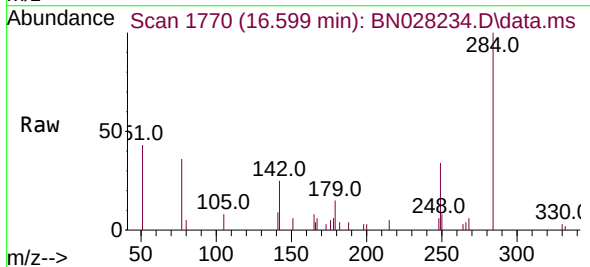
Instrument :  
BNA\_N  
ClientSampleId :  
PB156212BSD

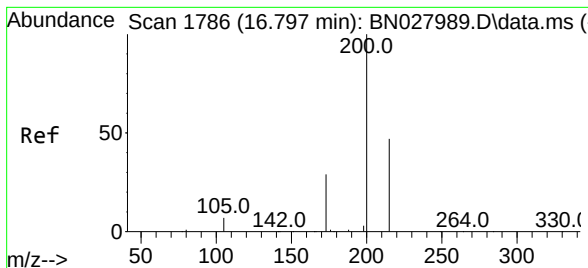
Tgt Ion:248 Resp: 2522  
Ion Ratio Lower Upper  
248 100  
250 104.4 72.3 108.5  
141 51.2 71.8 107.6#



#22  
Hexachlorobenzene  
Concen: 0.421 ng  
RT: 16.599 min Scan# 1770  
Delta R.T. 0.012 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

Tgt Ion:284 Resp: 2809  
Ion Ratio Lower Upper  
284 100  
142 38.5 29.9 44.9  
249 33.1 25.0 37.4





#23

Atrazine

Concen: 0.602 ng

RT: 16.959 min Scan# 1799

Delta R.T. 0.174 min

Lab File: BN028234.D

Acq: 11 Oct 2023 16:00

Instrument :

BNA\_N

ClientSampleId :

PB156212BSD

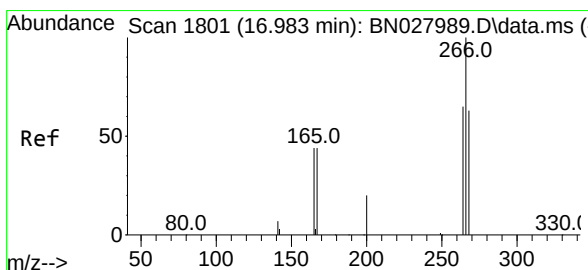
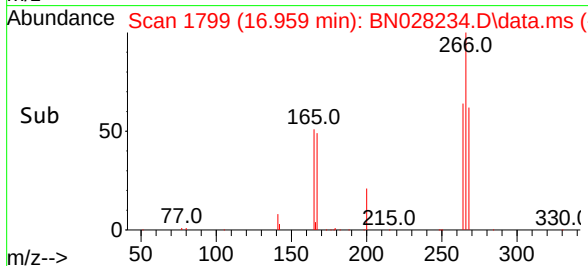
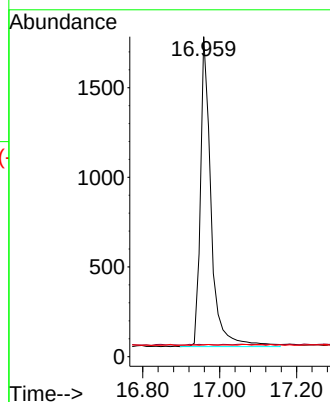
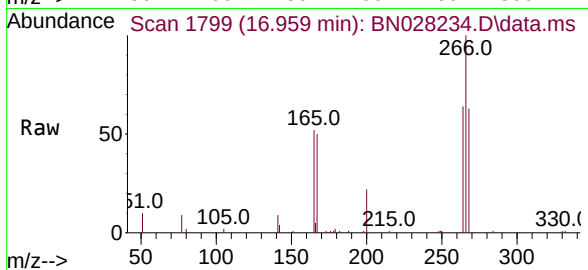
Tgt Ion:200 Resp: 3339

Ion Ratio Lower Upper

200 100

173 3.7 24.7 37.1#

215 3.7 39.0 58.6#



#24

Pentachlorophenol

Concen: 5.489 ng

RT: 16.959 min Scan# 1799

Delta R.T. -0.013 min

Lab File: BN028234.D

Acq: 11 Oct 2023 16:00

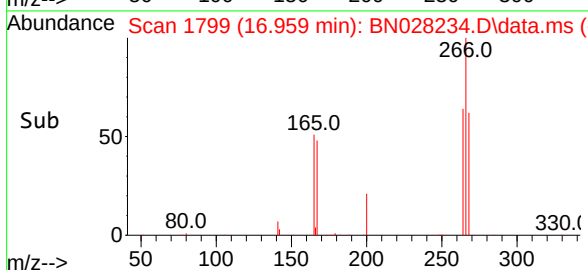
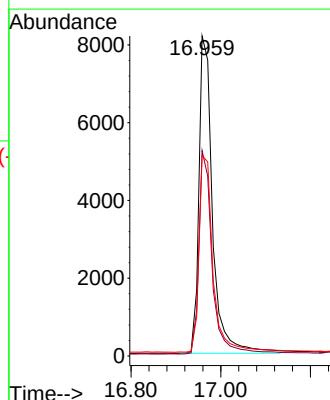
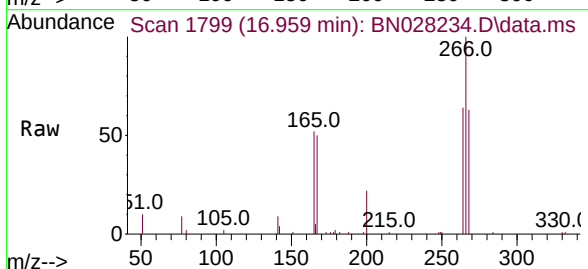
Tgt Ion:266 Resp: 17236

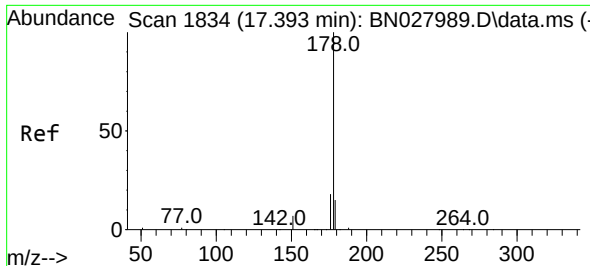
Ion Ratio Lower Upper

266 100

264 62.6 52.7 79.1

268 63.6 56.2 84.2

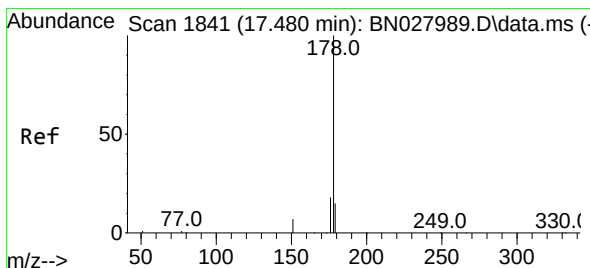
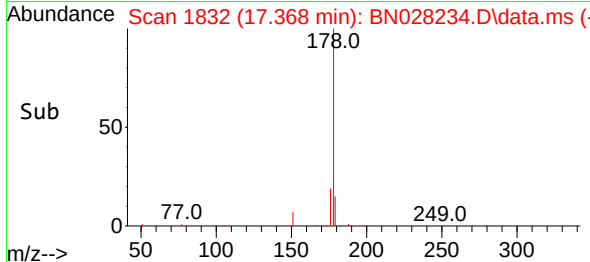
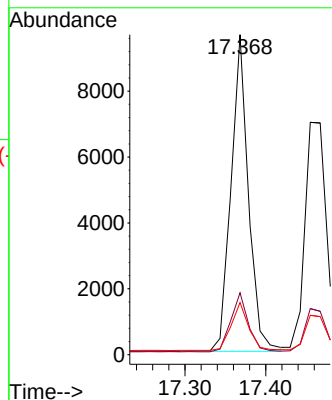
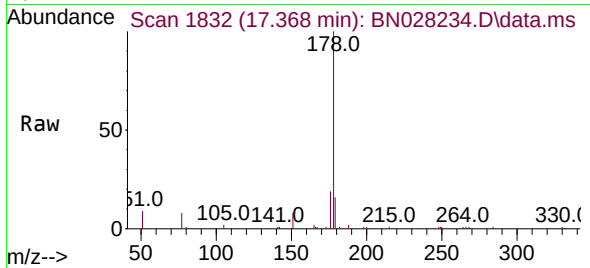




#25  
Phenanthrene  
Concen: 0.438 ng  
RT: 17.368 min Scan# 1832  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

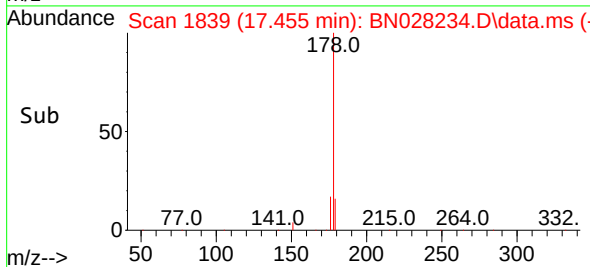
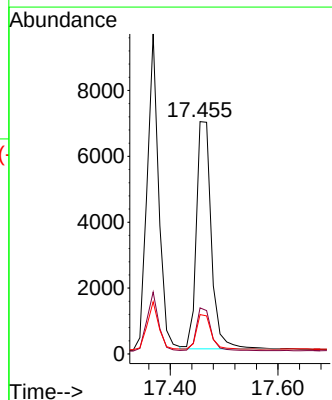
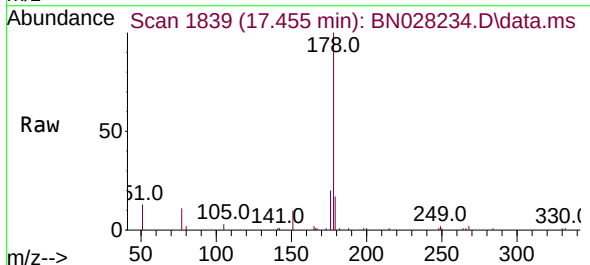
Instrument :  
BNA\_N  
ClientSampleId :  
PB156212BSD

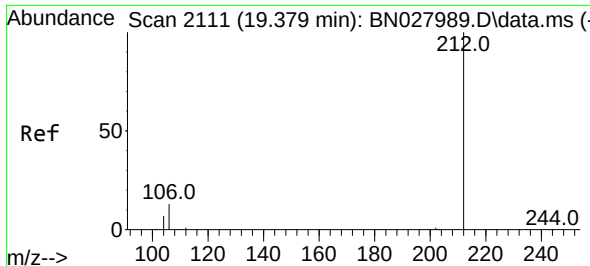
Tgt Ion:178 Resp: 14395  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.3 22.9  
179 15.4 12.4 18.6



#26  
Anthracene  
Concen: 0.429 ng  
RT: 17.455 min Scan# 1839  
Delta R.T. -0.000 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

Tgt Ion:178 Resp: 13321  
Ion Ratio Lower Upper  
178 100  
176 18.1 14.7 22.1  
179 14.6 12.2 18.2

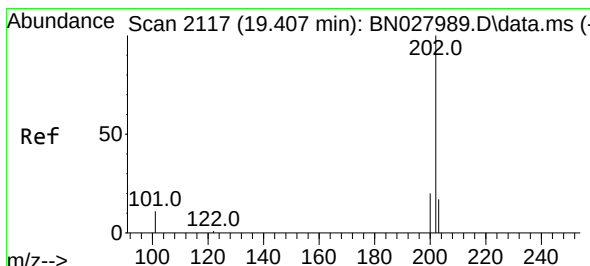
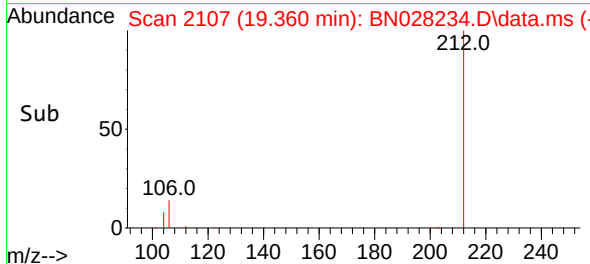
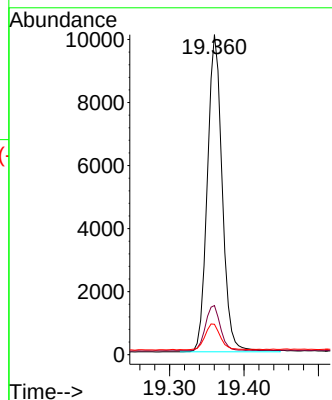
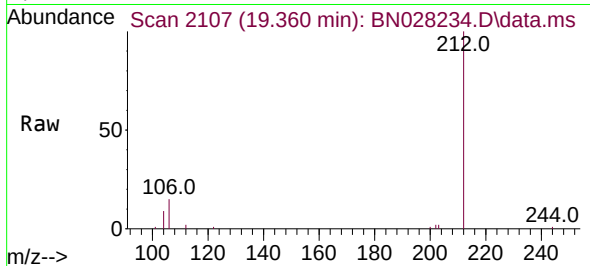




#27  
Fluoranthene-d10  
Concen: 0.455 ng  
RT: 19.360 min Scan# 2111  
Delta R.T. 0.004 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

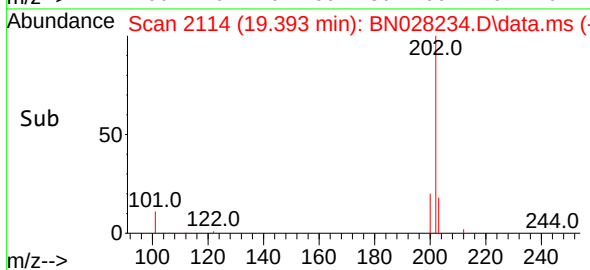
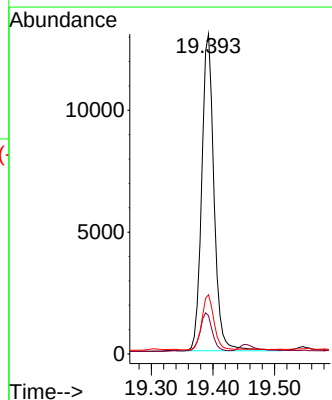
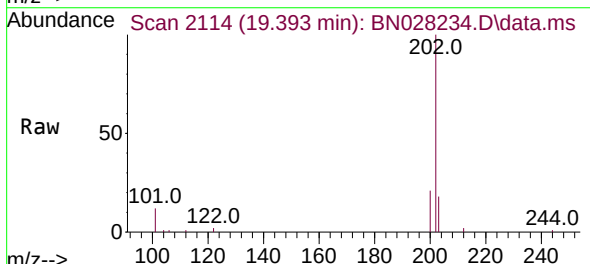
Instrument :  
BNA\_N  
ClientSampleId :  
PB156212BSD

Tgt Ion:212 Resp: 13925  
Ion Ratio Lower Upper  
212 100  
106 14.4 11.3 16.9  
104 8.4 6.4 9.6

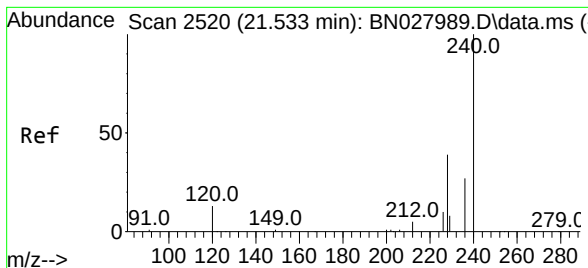


#28  
Fluoranthene  
Concen: 0.474 ng  
RT: 19.393 min Scan# 2114  
Delta R.T. 0.009 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

Tgt Ion:202 Resp: 17991  
Ion Ratio Lower Upper  
202 100  
101 11.6 9.8 14.6  
203 17.0 13.8 20.8







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.524 min Scan# 2119

Delta R.T. 0.009 min

Lab File: BN028234.D

Acq: 11 Oct 2023 16:00

Instrument :

BNA\_N

ClientSampleId :

PB156212BSD

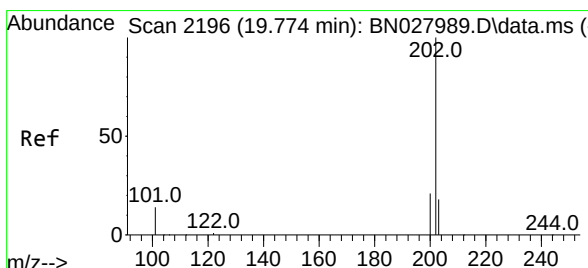
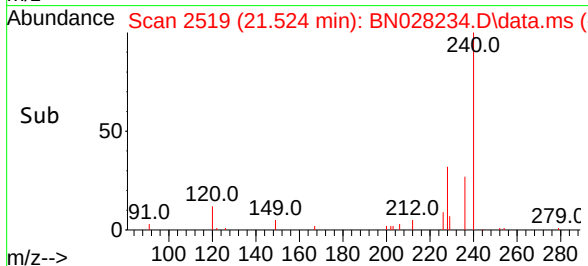
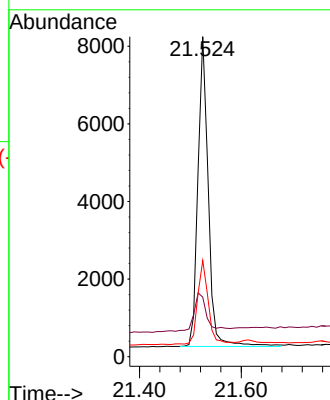
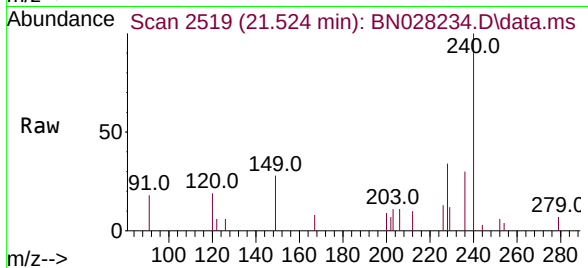
Tgt Ion:240 Resp: 11273

Ion Ratio Lower Upper

240 100

120 18.6 13.8 20.6

236 30.0 22.6 33.8



#30

Pyrene

Concen: 0.393 ng

RT: 19.760 min Scan# 2193

Delta R.T. 0.009 min

Lab File: BN028234.D

Acq: 11 Oct 2023 16:00

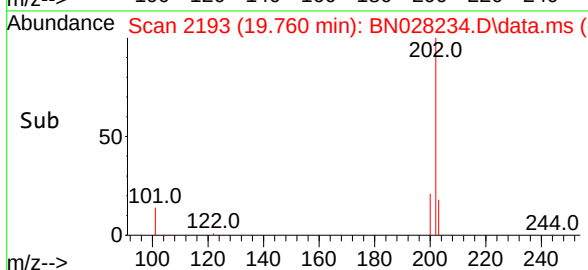
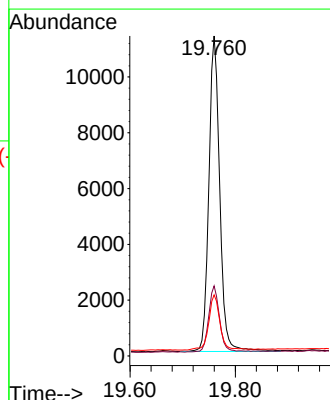
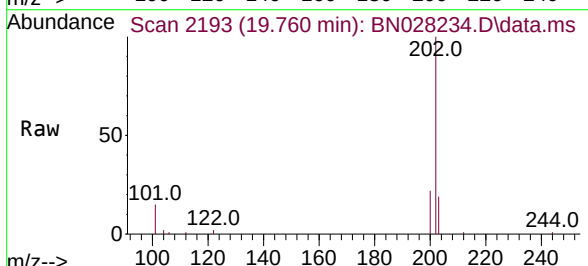
Tgt Ion:202 Resp: 16254

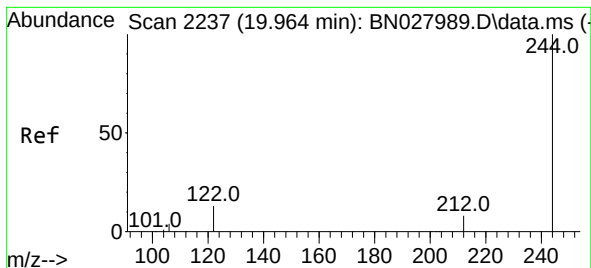
Ion Ratio Lower Upper

202 100

200 21.1 16.5 24.7

203 18.1 14.7 22.1





#31

Terphenyl-d14

Concen: 0.461 ng

RT: 19.946 min Scan# 21

Delta R.T. 0.004 min

Lab File: BN028234.D

Acq: 11 Oct 2023 16:00

Instrument :

BNA\_N

ClientSampleId :

PB156212BSD

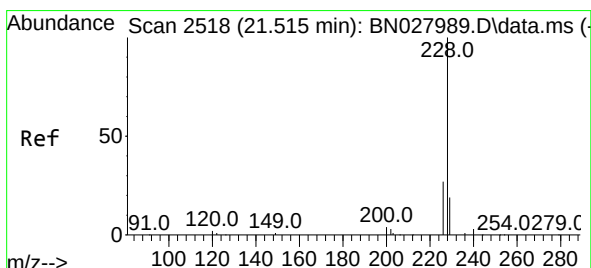
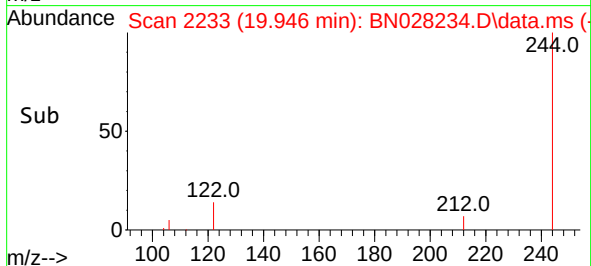
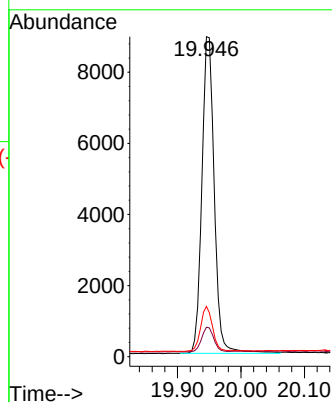
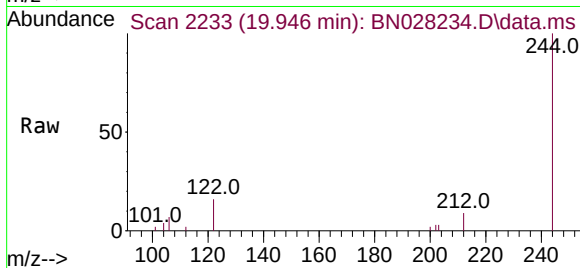
Tgt Ion:244 Resp: 12119

Ion Ratio Lower Upper

244 100

212 9.2 6.6 9.8

122 15.7 11.4 17.0



#32

Benzo(a)anthracene

Concen: 0.473 ng

RT: 21.506 min Scan# 2517

Delta R.T. 0.009 min

Lab File: BN028234.D

Acq: 11 Oct 2023 16:00

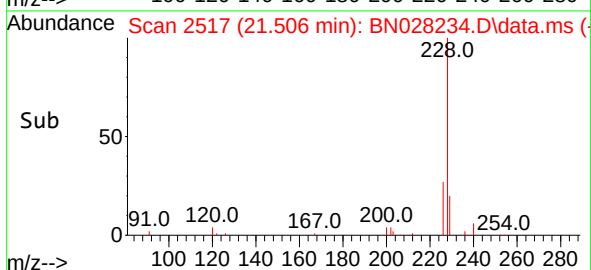
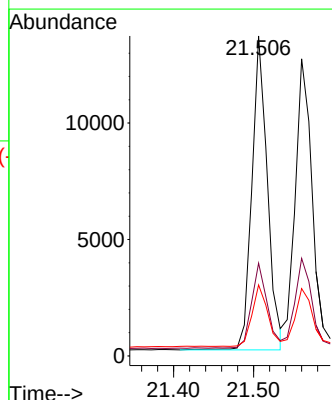
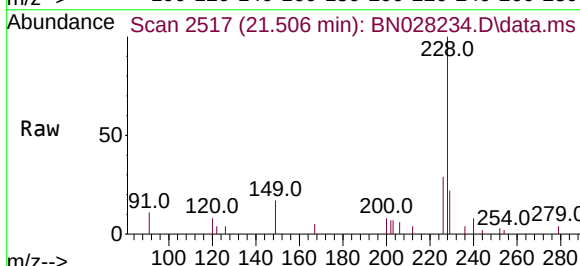
Tgt Ion:228 Resp: 18133

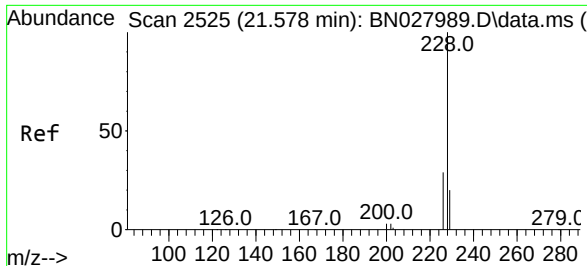
Ion Ratio Lower Upper

228 100

226 29.0 22.0 33.0

229 22.2 16.0 24.0





#33

Chrysene

Concen: 0.492 ng

RT: 21.560 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN028234.D

Acq: 11 Oct 2023 16:00

Instrument :

BNA\_N

ClientSampleId :

PB156212BSD

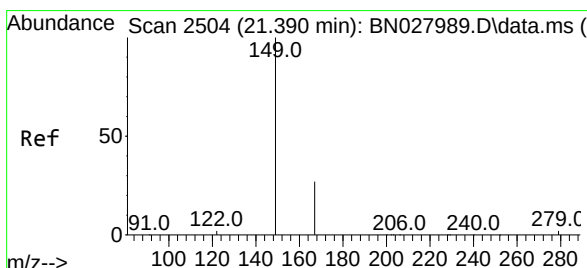
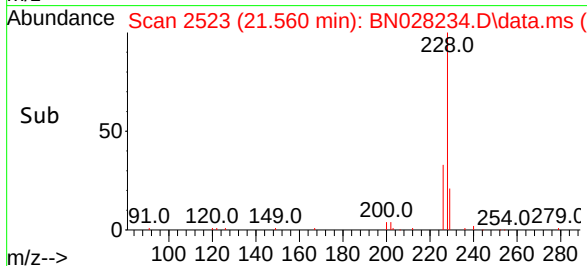
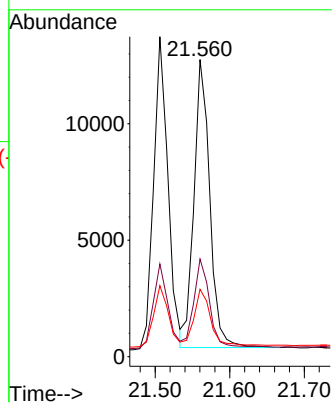
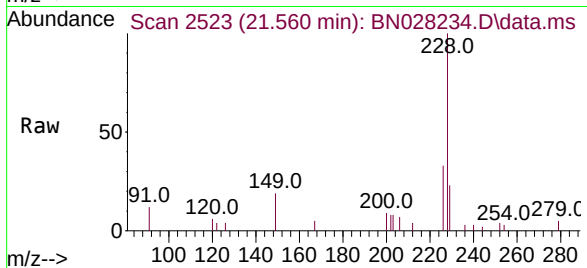
Tgt Ion:228 Resp: 18201

Ion Ratio Lower Upper

228 100

226 32.9 23.8 35.8

229 22.7 16.6 25.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.505 ng

RT: 21.372 min Scan# 2502

Delta R.T. 0.009 min

Lab File: BN028234.D

Acq: 11 Oct 2023 16:00

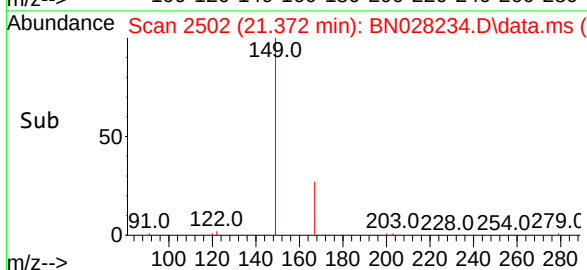
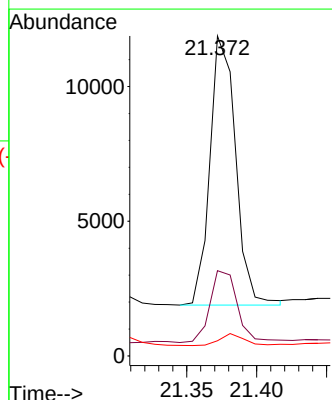
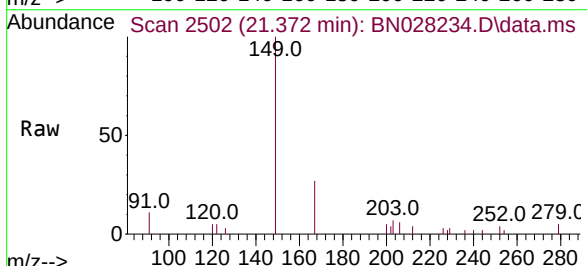
Tgt Ion:149 Resp: 12754

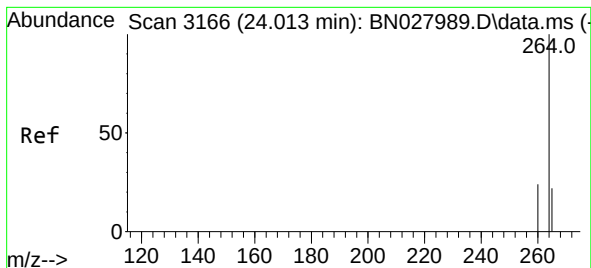
Ion Ratio Lower Upper

149 100

167 28.9 22.1 33.1

279 4.2 3.4 5.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.998 min Scan# 3166

Delta R.T. 0.023 min

Lab File: BN028234.D

Acq: 11 Oct 2023 16:00

Instrument :

BNA\_N

ClientSampleId :

PB156212BSD

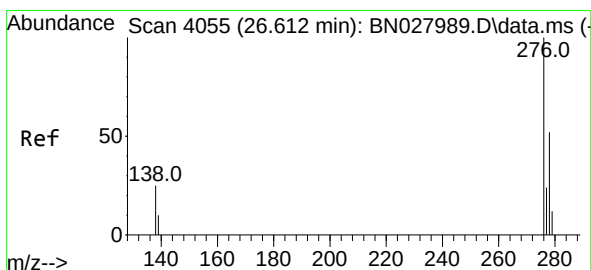
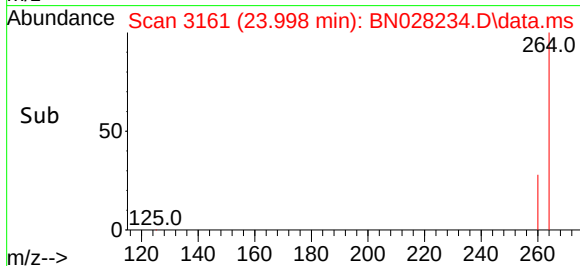
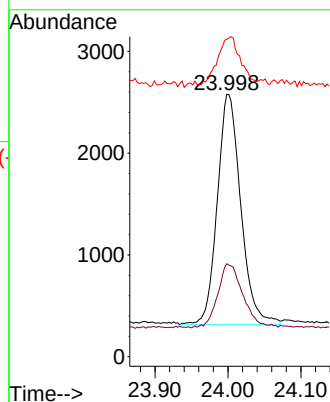
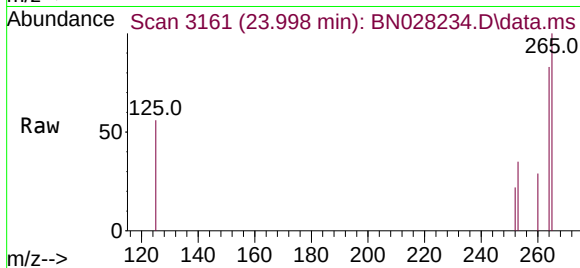
Tgt Ion:264 Resp: 5102

Ion Ratio Lower Upper

264 100

260 35.5 20.2 30.4#

265 121.1 54.8 82.2#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.867 ng

RT: 26.601 min Scan# 4051

Delta R.T. 0.044 min

Lab File: BN028234.D

Acq: 11 Oct 2023 16:00

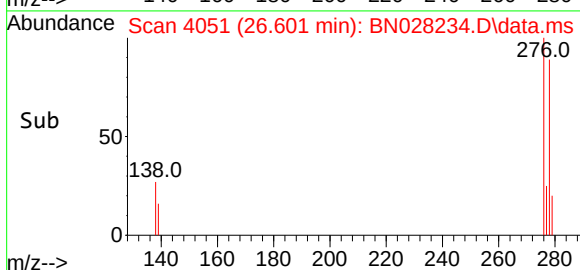
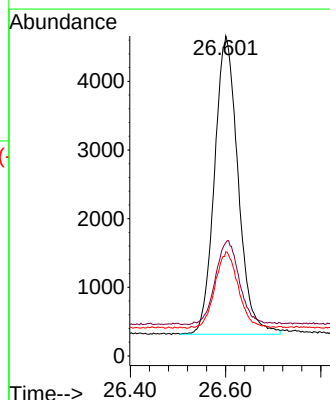
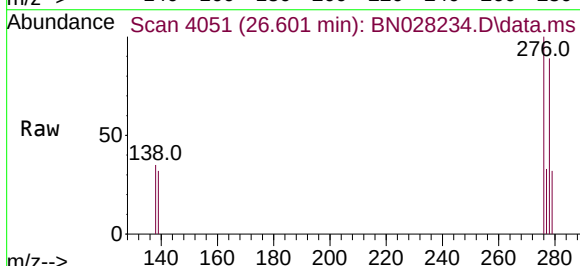
Tgt Ion:276 Resp: 14884

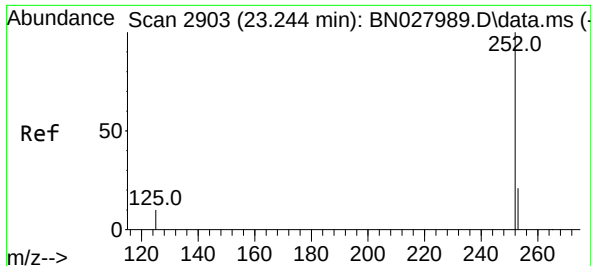
Ion Ratio Lower Upper

276 100

138 27.1 20.9 31.3

277 24.7 19.8 29.6

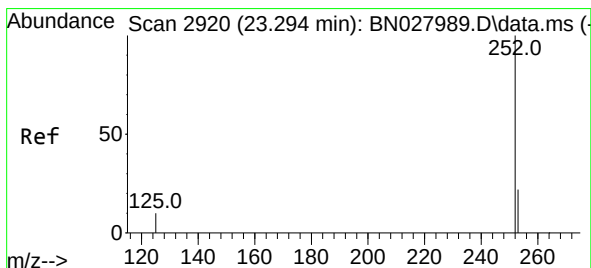
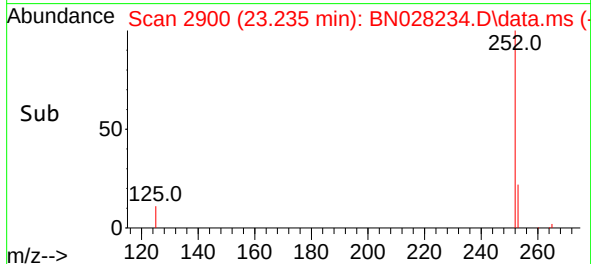
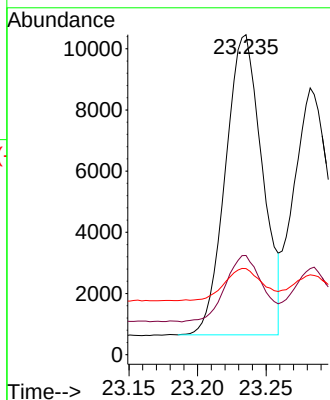
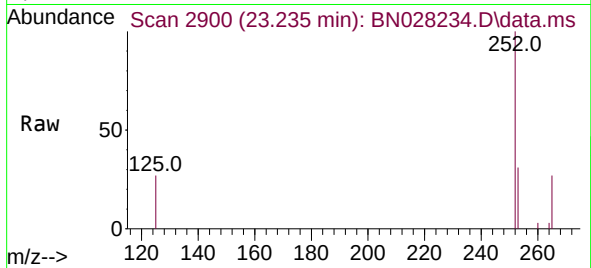




#37  
Benzo(b)fluoranthene  
Concen: 1.112 ng  
RT: 23.235 min Scan# 2903  
Delta R.T. 0.023 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

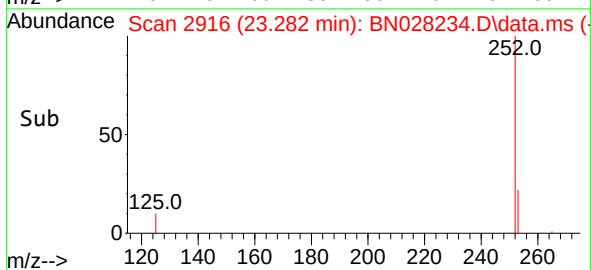
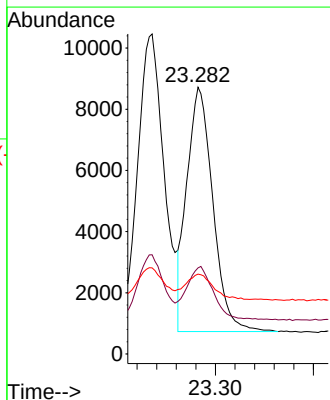
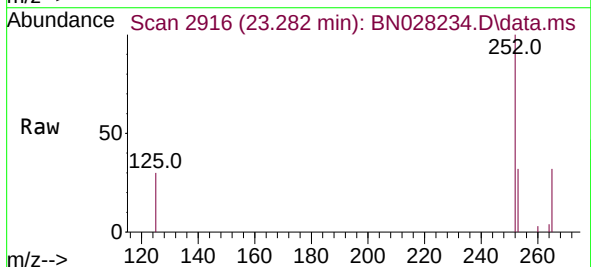
Instrument :  
BNA\_N  
ClientSampleId :  
PB156212BSD

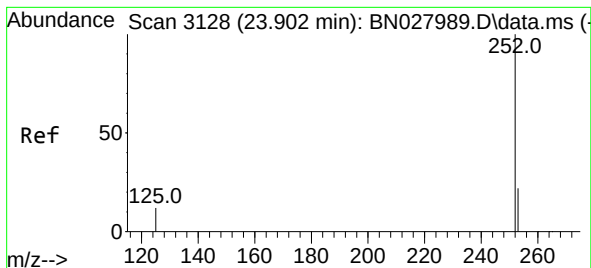
Tgt Ion:252 Resp: 18321  
Ion Ratio Lower Upper  
252 100  
253 31.0 22.9 34.3  
125 26.9 13.8 20.8#



#38  
Benzo(k)fluoranthene  
Concen: 0.882 ng  
RT: 23.282 min Scan# 2916  
Delta R.T. 0.020 min  
Lab File: BN028234.D  
Acq: 11 Oct 2023 16:00

Tgt Ion:252 Resp: 14735  
Ion Ratio Lower Upper  
252 100  
253 32.3 23.1 34.7  
125 29.9 13.8 20.8#





#39

Benzo(a)pyrene

Concen: 0.593 ng

RT: 23.887 min Scan# 31

Delta R.T. 0.023 min

Lab File: BN028234.D

Acq: 11 Oct 2023 16:00

Instrument :

BNA\_N

ClientSampleId :

PB156212BSD

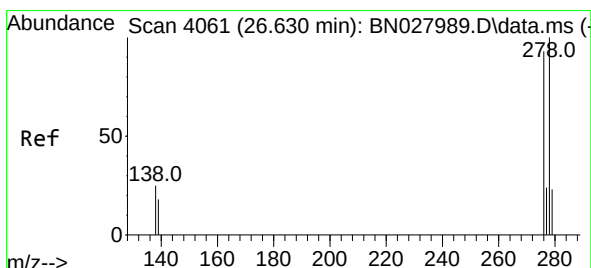
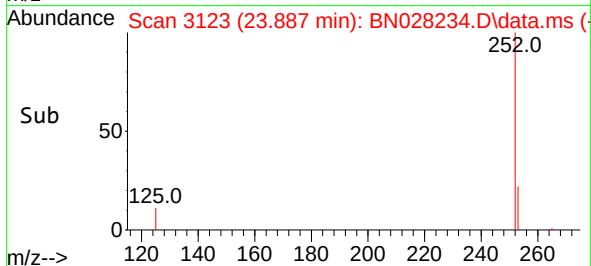
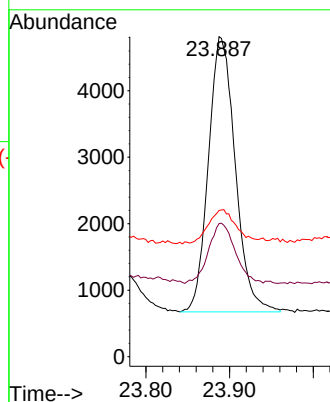
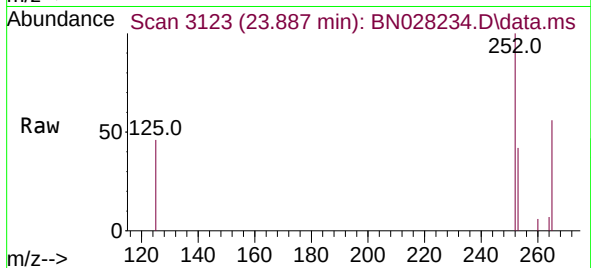
Tgt Ion:252 Resp: 9239

Ion Ratio Lower Upper

252 100

253 41.6 25.0 37.4#

125 45.7 16.6 24.8#



#40

Dibenzo(a,h)anthracene

Concen: 1.089 ng

RT: 26.612 min Scan# 4055

Delta R.T. 0.035 min

Lab File: BN028234.D

Acq: 11 Oct 2023 16:00

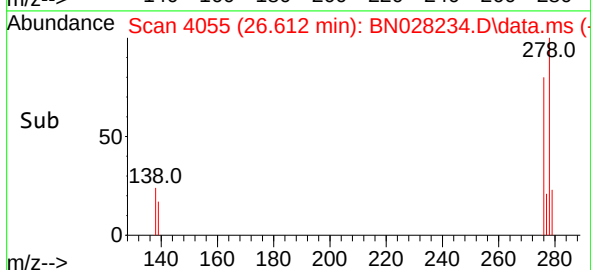
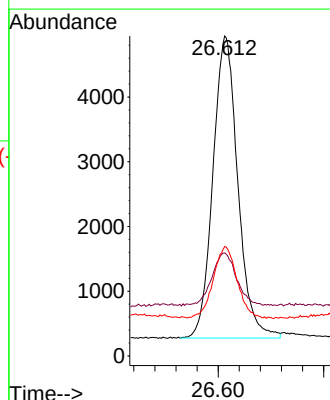
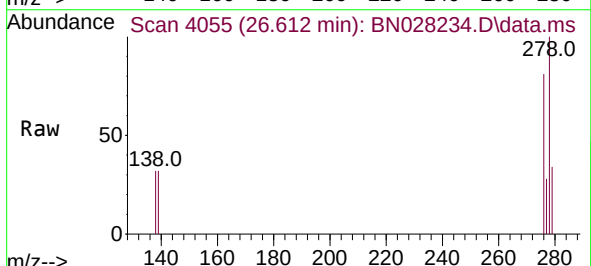
Tgt Ion:278 Resp: 15286

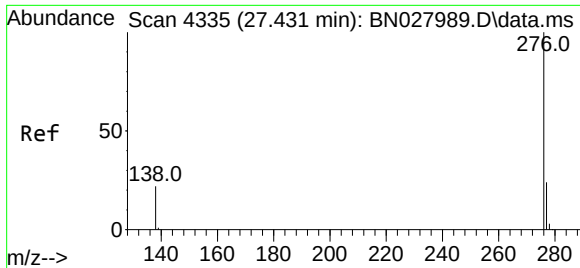
Ion Ratio Lower Upper

278 100

139 32.2 17.7 26.5#

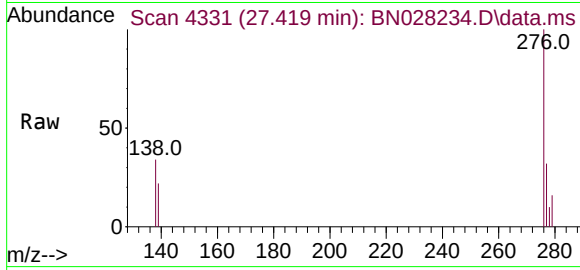
279 34.2 25.2 37.8





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.817 ng  
 RT: 27.419 min Scan# 41  
 Delta R.T. 0.052 min  
 Lab File: BN028234.D  
 Acq: 11 Oct 2023 16:00

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB156212BSD



Tgt Ion:276 Resp: 11780  
 Ion Ratio Lower Upper  
 276 100  
 277 32.4 22.1 33.1  
 138 34.1 20.8 31.2#

