

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120123\  
 Data File : BN028986.D  
 Acq On : 02 Dec 2023 15:48  
 Operator : MA/JU  
 Sample : PB157240BS  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB157240BS

Quant Time: Dec 03 08:14:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 01 23:11:55 2023  
 Response via : Initial Calibration

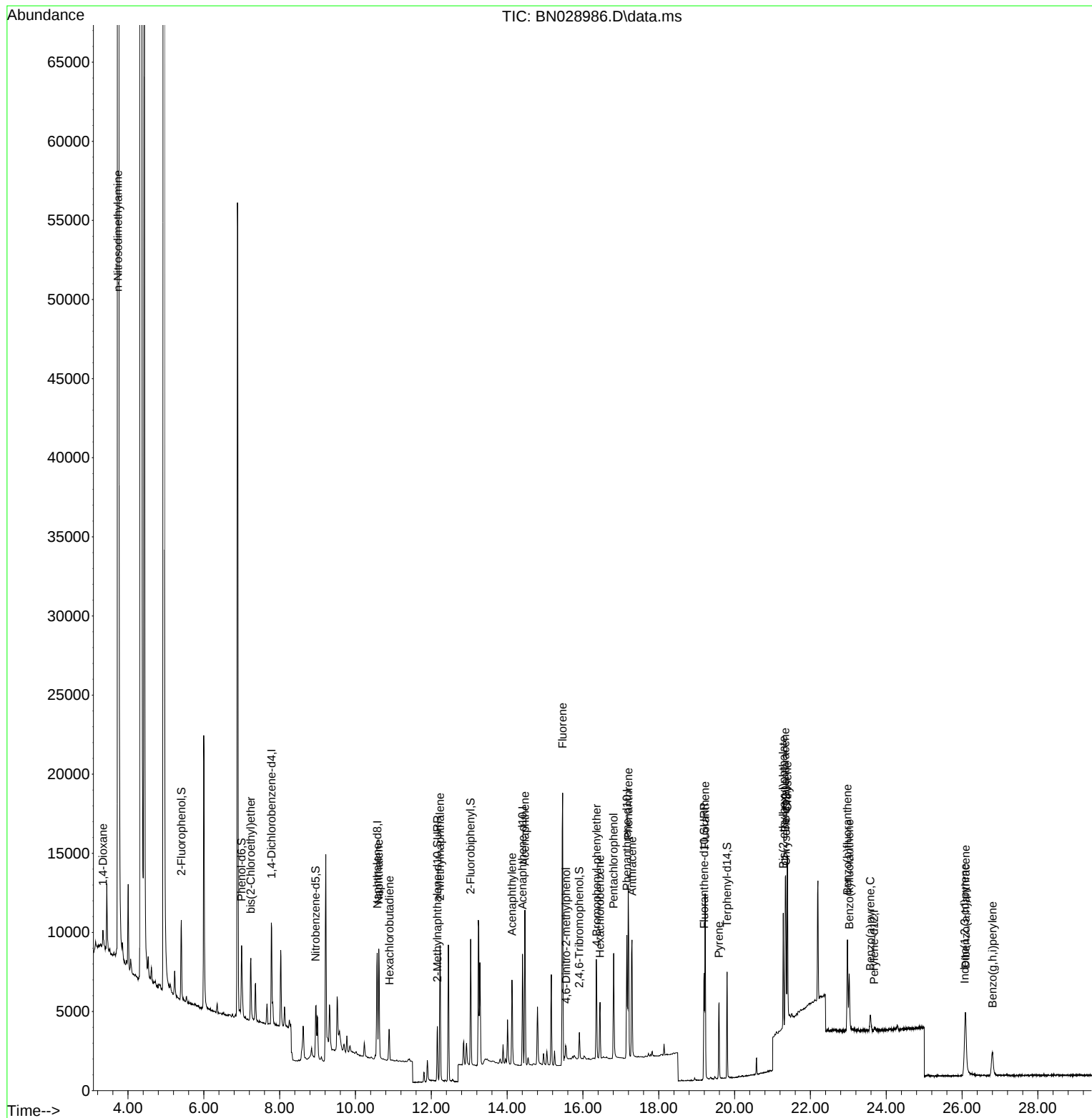
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.782  | 152  | 3032     | 0.400  | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.573 | 136  | 9057     | 0.400  | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.407 | 164  | 3791     | 0.400  | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.159 | 188  | 10124    | 0.400  | ng    | -0.01    |
| 29) Chrysene-d12              | 21.356 | 240  | 5089     | 0.400  | ng    | #-0.02   |
| 35) Perylene-d12              | 23.678 | 264  | 139      | 0.400  | ng    | #-0.03   |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) 2-Fluorophenol             | 5.406  | 112  | 3345     | 0.364  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.995  | 99   | 3574     | 0.351  | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.950  | 82   | 2785     | 0.309  | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.159 | 152  | 4544     | 0.313  | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.905 | 330  | 952      | 0.372  | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.038 | 172  | 6347     | 0.388  | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.195 | 212  | 7674     | 0.288  | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.803 | 244  | 6544     | 0.432  | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.340  | 88   | 777      | 0.262  | ng    | # 30     |
| 3) n-Nitrosodimethylamine     | 3.738  | 42   | 56810    | 12.279 | ng    | # 18     |
| 6) bis(2-Chloroethyl)ether    | 7.240  | 93   | 3189     | 0.372  | ng    | 99       |
| 9) Naphthalene                | 10.616 | 128  | 9012     | 0.313  | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.893 | 225  | 1615     | 0.275  | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.231 | 142  | 5818     | 0.322  | ng    | 97       |
| 16) Acenaphthylene            | 14.129 | 152  | 5354     | 0.267  | ng    | 99       |
| 17) Acenaphthene              | 14.471 | 154  | 4523     | 0.339  | ng    | 98       |
| 18) Fluorene                  | 15.465 | 166  | 7669     | 0.454  | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.558 | 198  | 577      | 0.260  | ng    | # 73     |
| 21) 4-Bromophenyl-phenylether | 16.364 | 248  | 2130     | 0.306  | ng    | 93       |
| 22) Hexachlorobenzene         | 16.451 | 284  | 2521     | 0.295  | ng    | 93       |
| 24) Pentachlorophenol         | 16.811 | 266  | 2792     | 0.701  | ng    | 98       |
| 25) Phenanthrene              | 17.196 | 178  | 11150    | 0.334  | ng    | 97       |
| 26) Anthracene                | 17.295 | 178  | 8925     | 0.289  | ng    | 99       |
| 28) Fluoranthene              | 19.223 | 202  | 10578    | 0.304  | ng    | 99       |
| 30) Pyrene                    | 19.590 | 202  | 4540     | 0.211  | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.338 | 228  | 7446     | 0.344  | ng    | 94       |
| 33) Chrysene                  | 21.392 | 228  | 8672     | 0.408  | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.284 | 149  | 6500     | 0.081  | ng    | # 90     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.070 | 276  | 4641     | 7.662  | ng    | # 83     |
| 37) Benzo(b)fluoranthene      | 22.977 | 252  | 7624     | 13.407 | ng    | # 36     |
| 38) Benzo(k)fluoranthene      | 23.023 | 252  | 5133     | 9.567  | ng    | # 42     |
| 39) Benzo(a)pyrene            | 23.582 | 252  | 1661     | 3.270  | ng    | # 62     |
| 40) Dibenzo(a,h)anthracene    | 26.093 | 278  | 6514     | 13.897 | ng    | # 34     |
| 41) Benzo(g,h,i)perylene      | 26.801 | 276  | 3666     | 6.953  | ng    | # 84     |
| -----                         |        |      |          |        |       |          |

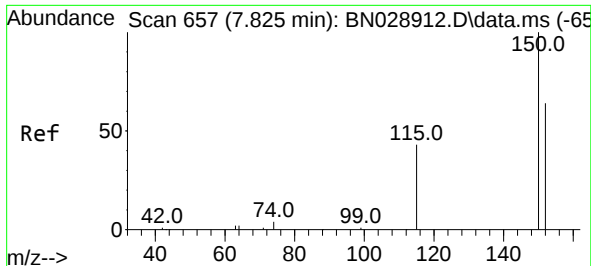
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120123\  
Data File : BN028986.D  
Acq On : 02 Dec 2023 15:48  
Operator : MA/JU  
Sample : PB157240BS  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB157240BS

Quant Time: Dec 03 08:14:29 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 01 23:11:55 2023  
Response via : Initial Calibration

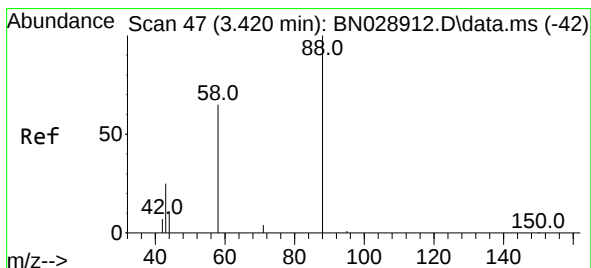
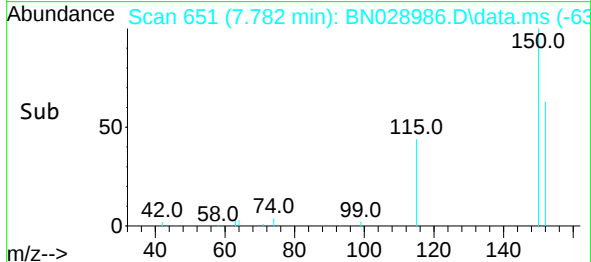
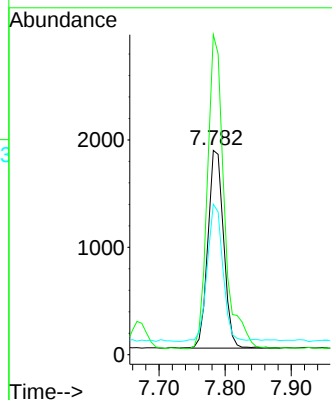
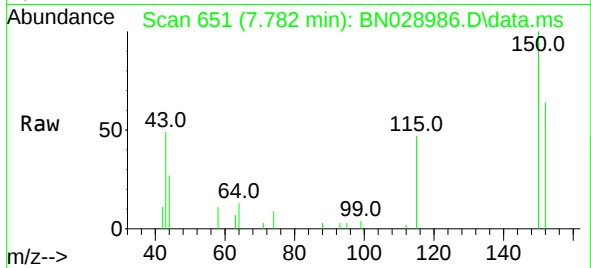




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.782 min Scan# 61  
 Delta R.T. -0.015 min  
 Lab File: BN028986.D  
 Acq: 02 Dec 2023 15:48

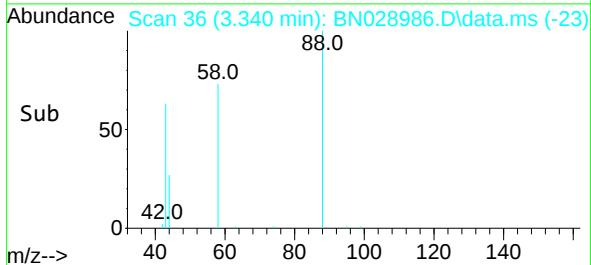
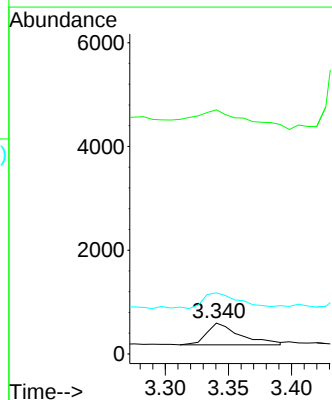
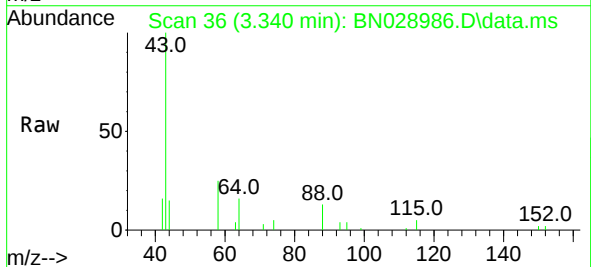
Instrument :  
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 ClientSampleId :  
 PB157240BS

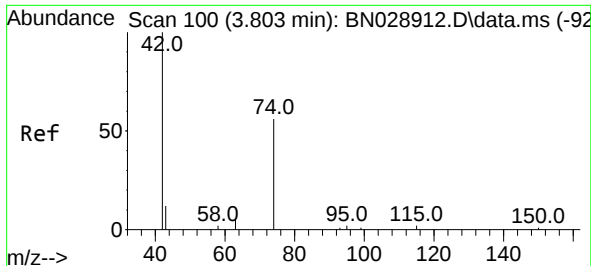
Tgt Ion:152 Resp: 3032  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 123.4 185.2  
 115 73.7 59.1 88.7



#2  
 1,4-Dioxane  
 Concen: 0.262 ng  
 RT: 3.340 min Scan# 36  
 Delta R.T. -0.007 min  
 Lab File: BN028986.D  
 Acq: 02 Dec 2023 15:48

Tgt Ion: 88 Resp: 777  
 Ion Ratio Lower Upper  
 88 100  
 43 147.0 29.9 44.9#  
 58 75.8 55.0 82.4

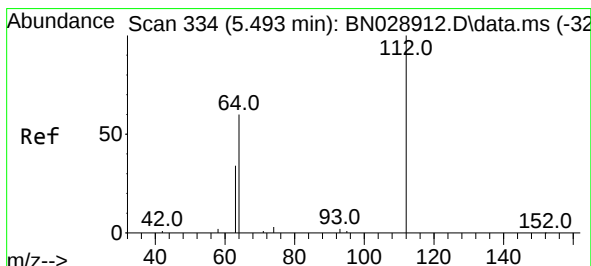
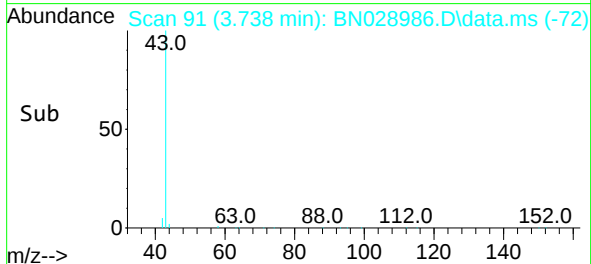
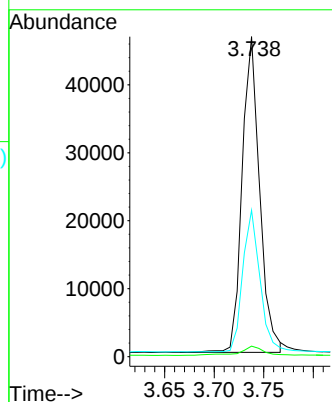
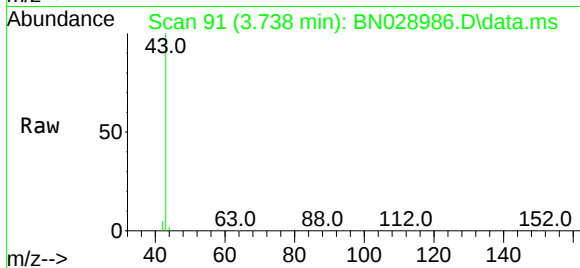




#3  
n-Nitrosodimethylamine  
Concen: 12.279 ng  
RT: 3.738 min Scan# 91  
Delta R.T. 0.036 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

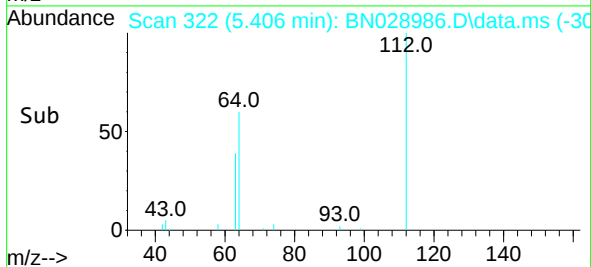
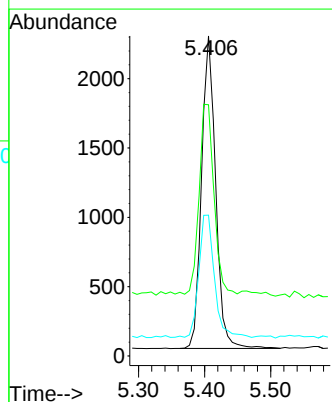
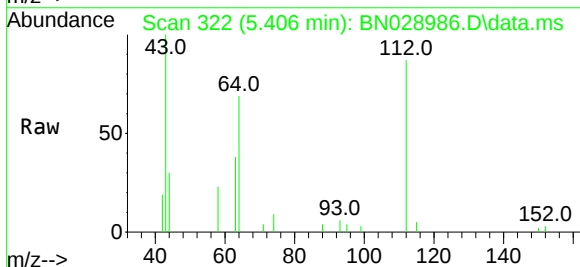
Instrument :  
BNA\_N  
ClientSampleId :  
PB157240BS

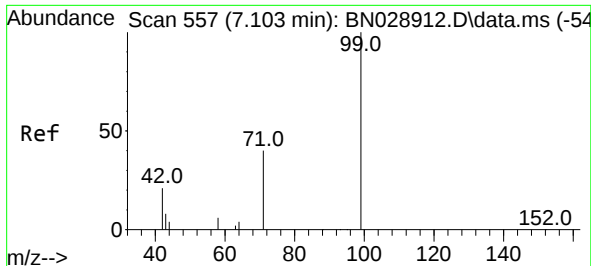
Tgt Ion: 42 Resp: 56810  
Ion Ratio Lower Upper  
42 100  
74 3.8 57.0 85.6#  
44 43.8 0.0 0.0#



#4  
2-Fluorophenol  
Concen: 0.364 ng  
RT: 5.406 min Scan# 322  
Delta R.T. -0.007 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

Tgt Ion: 112 Resp: 3345  
Ion Ratio Lower Upper  
112 100  
64 64.0 51.5 77.3  
63 43.2 30.4 45.6

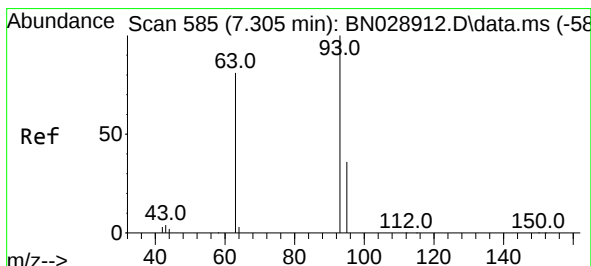
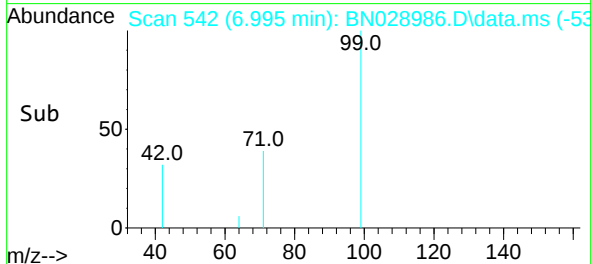
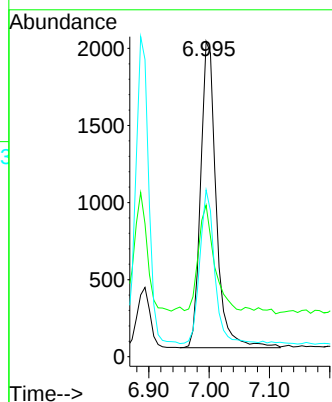
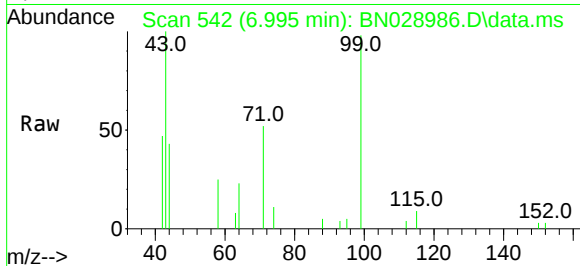




#5  
Phenol-d6  
Concen: 0.351 ng  
RT: 6.995 min Scan# 54  
Delta R.T. -0.015 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

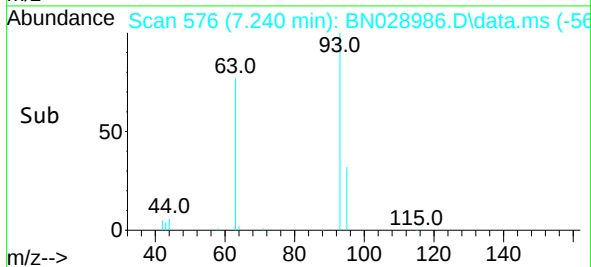
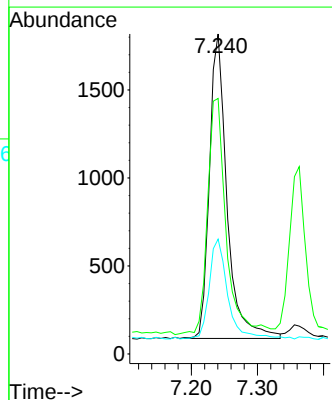
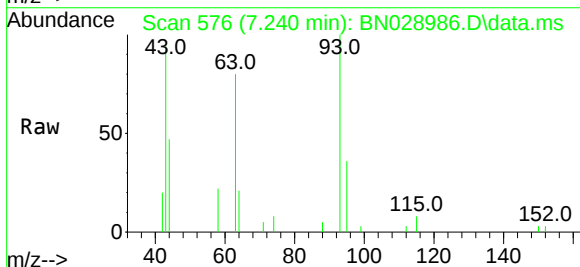
Instrument :  
BNA\_N  
ClientSampleId :  
PB157240BS

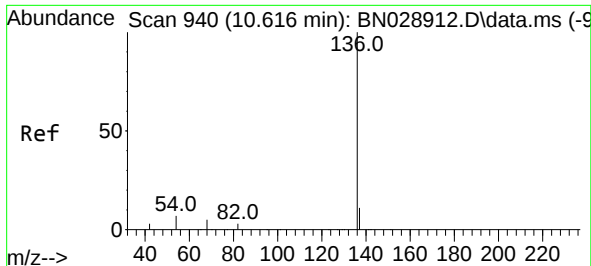
Tgt Ion: 99 Resp: 3574  
Ion Ratio Lower Upper  
99 100  
42 35.7 21.2 31.8#  
71 47.6 35.4 53.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.372 ng  
RT: 7.240 min Scan# 576  
Delta R.T. -0.007 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

Tgt Ion: 93 Resp: 3189  
Ion Ratio Lower Upper  
93 100  
63 82.0 66.9 100.3  
95 35.2 28.2 42.4

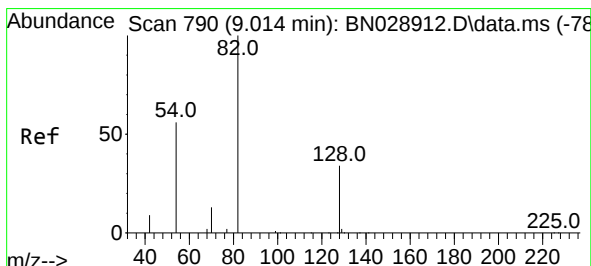
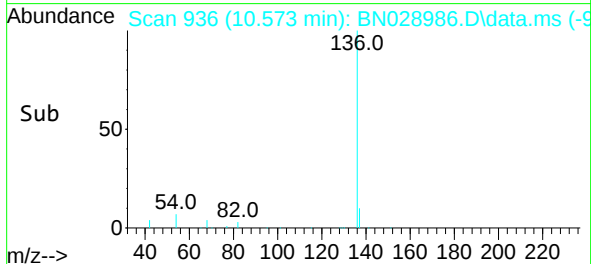
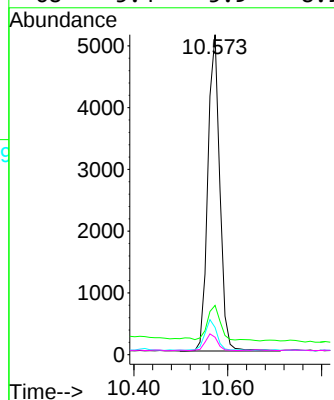
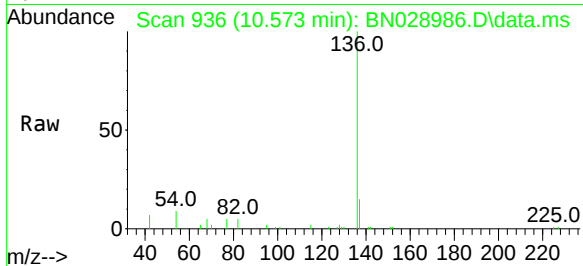




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.573 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

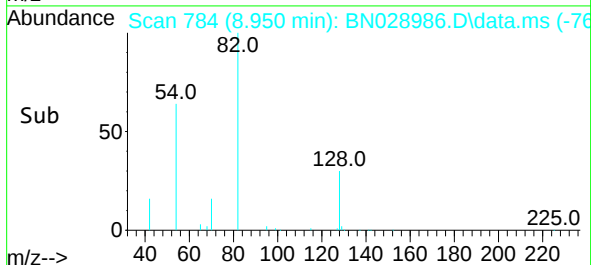
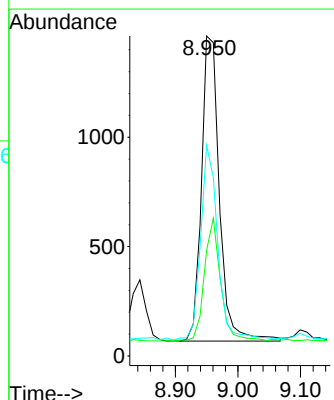
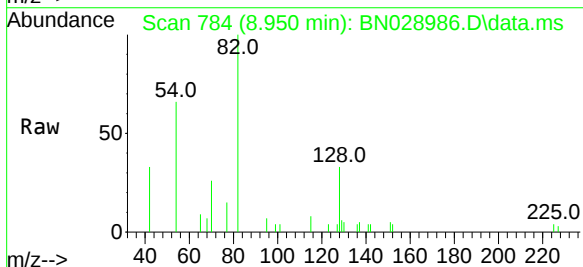
Instrument :  
BNA\_N  
ClientSampleId :  
PB157240BS

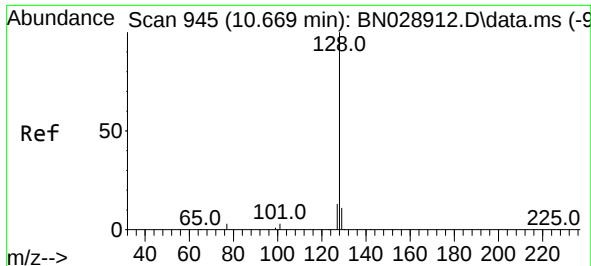
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 9057  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 15.4  | 10.6  | 16.0  |
| 54       | 8.5   | 7.5   | 11.3  |
| 68       | 5.4   | 5.9   | 8.9   |



#8  
Nitrobenzene-d5  
Concen: 0.309 ng  
RT: 8.950 min Scan# 784  
Delta R.T. -0.022 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

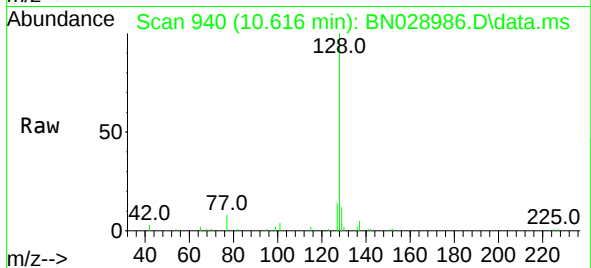
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|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2785  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 33.0  | 29.2  | 43.8  |
| 54       | 65.8  | 47.0  | 70.6  |



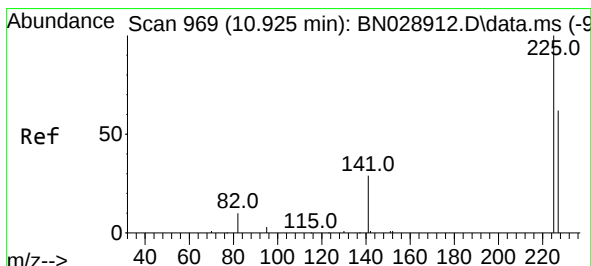
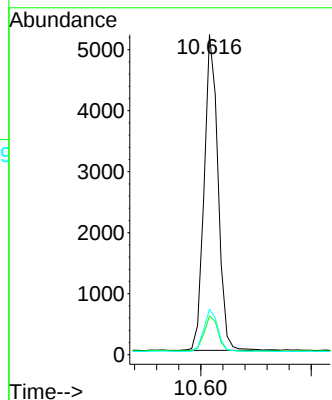
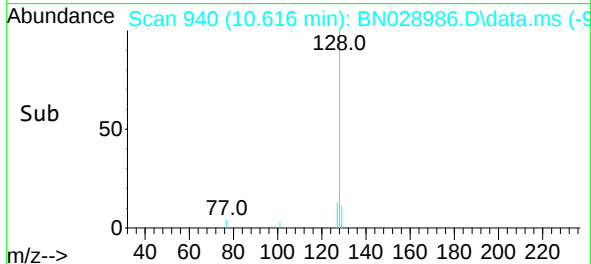


#9  
Naphthalene  
Concen: 0.313 ng  
RT: 10.616 min Scan# 945  
Delta R.T. -0.022 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

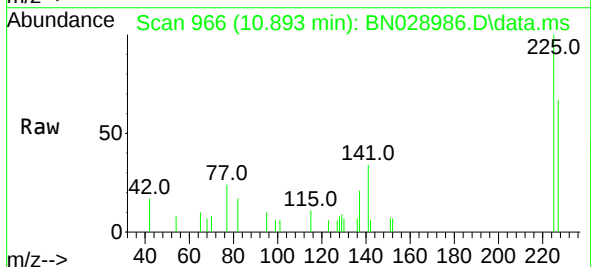
Instrument :  
BNA\_N  
ClientSampleId :  
PB157240BS



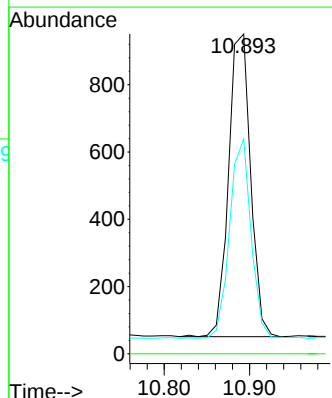
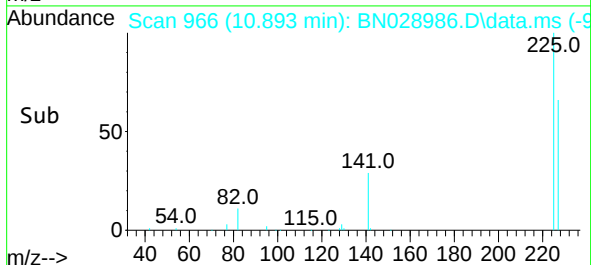
Tgt Ion:128 Resp: 9012  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.5 14.3  
127 14.2 11.0 16.4

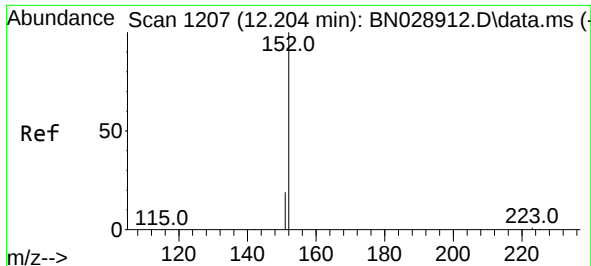


#10  
Hexachlorobutadiene  
Concen: 0.275 ng  
RT: 10.893 min Scan# 966  
Delta R.T. -0.011 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48



Tgt Ion:225 Resp: 1615  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.0 50.6 76.0

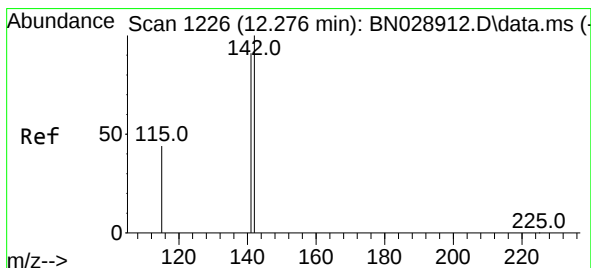
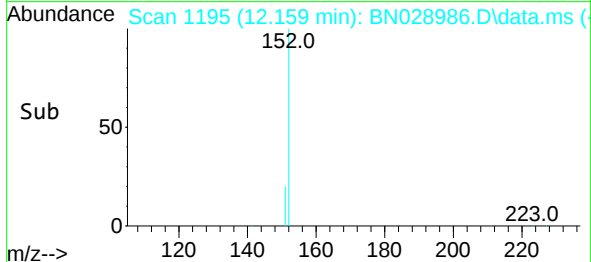
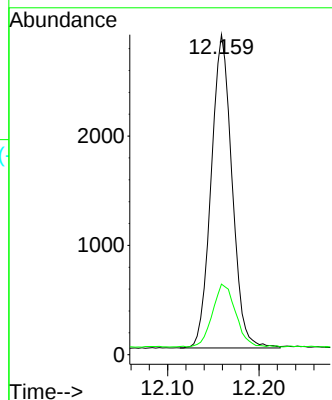
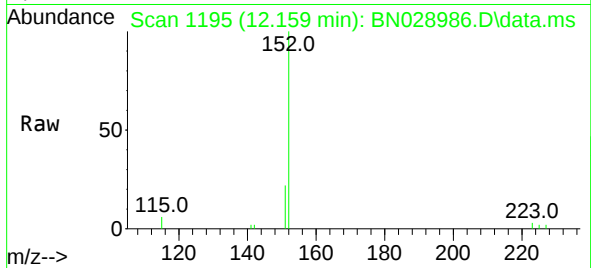




#11  
2-Methylnaphthalene-d10  
Concen: 0.313 ng  
RT: 12.159 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

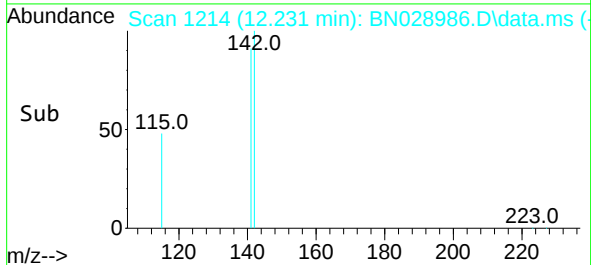
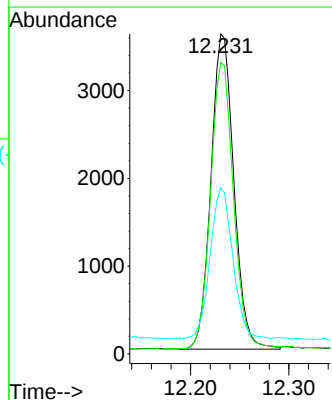
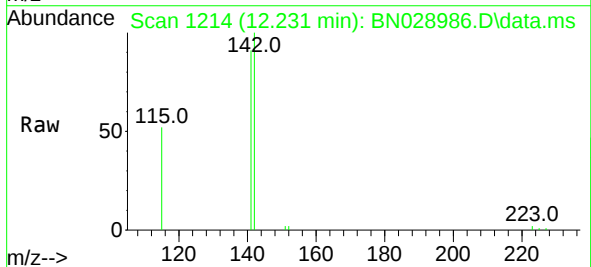
Instrument :  
BNA\_N  
ClientSampleId :  
PB157240BS

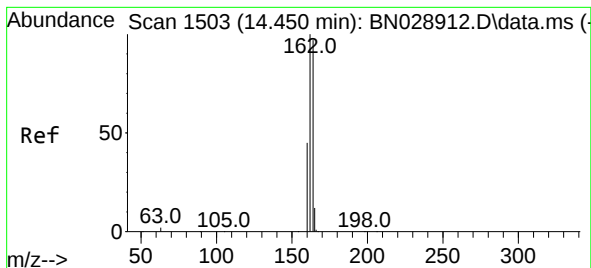
Tgt Ion:152 Resp: 4544  
Ion Ratio Lower Upper  
152 100  
151 22.3 16.7 25.1



#12  
2-Methylnaphthalene  
Concen: 0.322 ng  
RT: 12.231 min Scan# 1214  
Delta R.T. -0.015 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

Tgt Ion:142 Resp: 5818  
Ion Ratio Lower Upper  
142 100  
141 91.1 73.1 109.7  
115 51.9 37.6 56.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.407 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN028986.D

Acq: 02 Dec 2023 15:48

Instrument :

BNA\_N

ClientSampleId :

PB157240BS

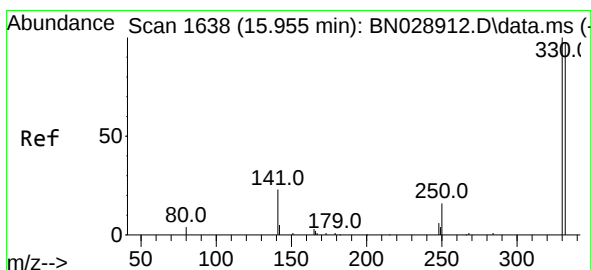
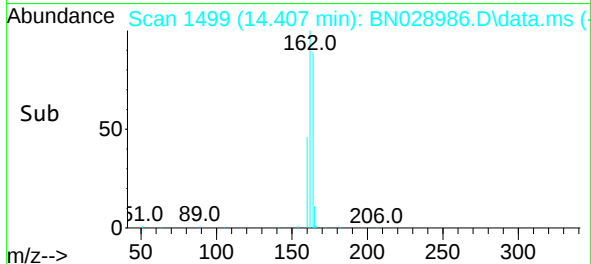
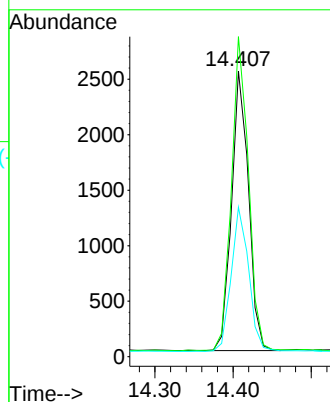
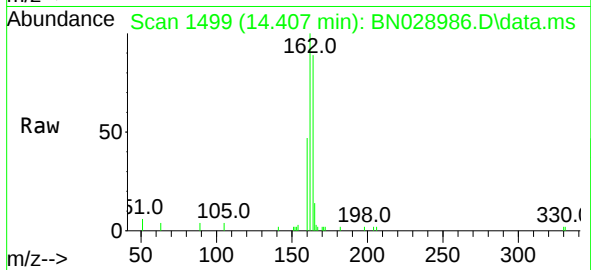
Tgt Ion:164 Resp: 3791

Ion Ratio Lower Upper

164 100

162 112.0 81.7 122.5

160 52.4 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.372 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.013 min

Lab File: BN028986.D

Acq: 02 Dec 2023 15:48

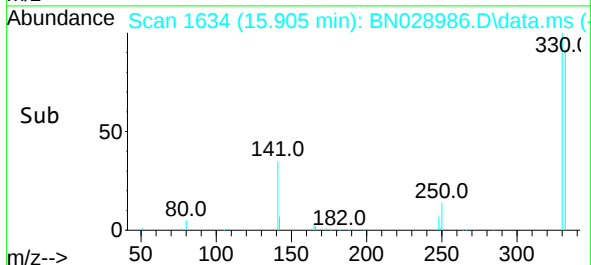
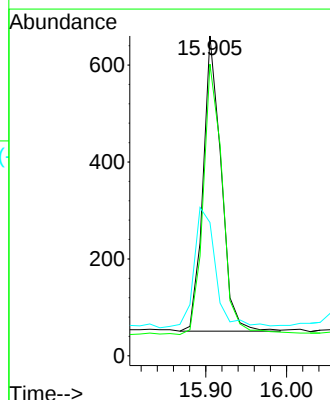
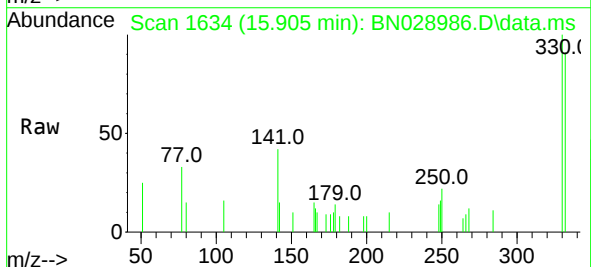
Tgt Ion:330 Resp: 952

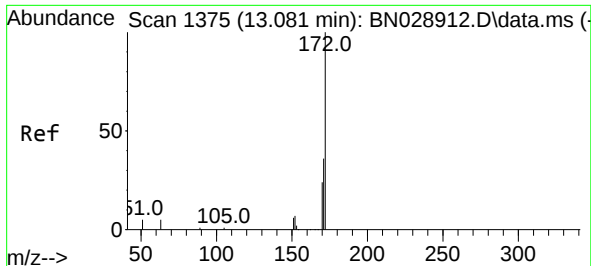
Ion Ratio Lower Upper

330 100

332 96.7 75.4 113.2

141 48.5 35.7 53.5

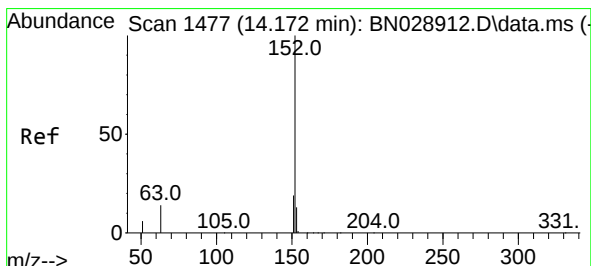
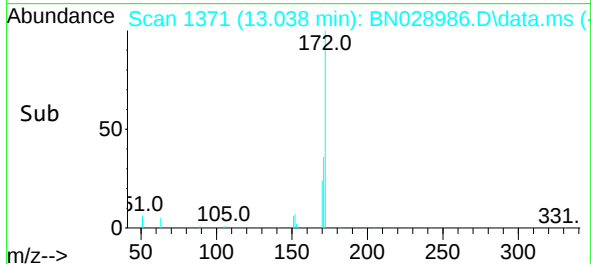
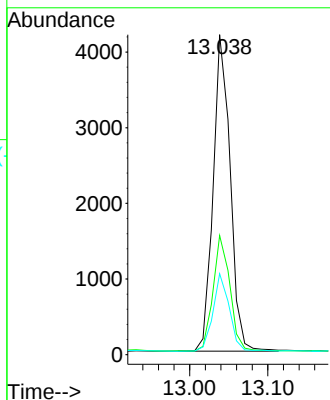
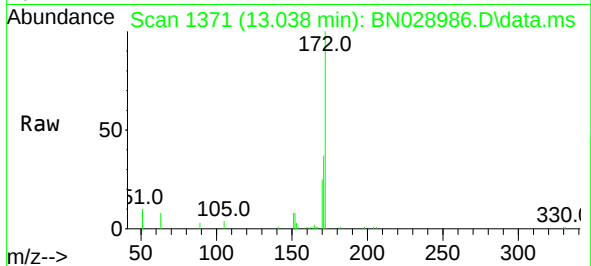




#15  
2-Fluorobiphenyl  
Concen: 0.388 ng  
RT: 13.038 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

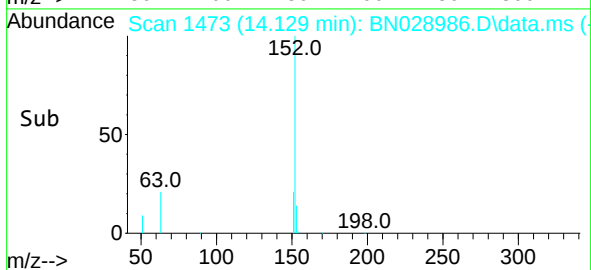
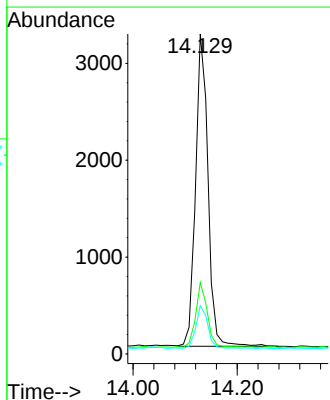
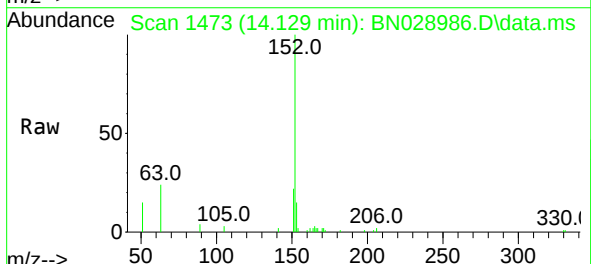
Instrument :  
BNA\_N  
ClientSampleId :  
PB157240BS

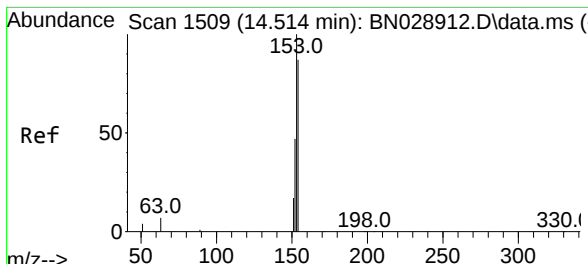
Tgt Ion:172 Resp: 6347  
Ion Ratio Lower Upper  
172 100  
171 37.2 29.0 43.4  
170 25.3 19.7 29.5



#16  
Acenaphthylene  
Concen: 0.267 ng  
RT: 14.129 min Scan# 1473  
Delta R.T. -0.011 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

Tgt Ion:152 Resp: 5354  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.9 23.9  
153 13.4 10.8 16.2

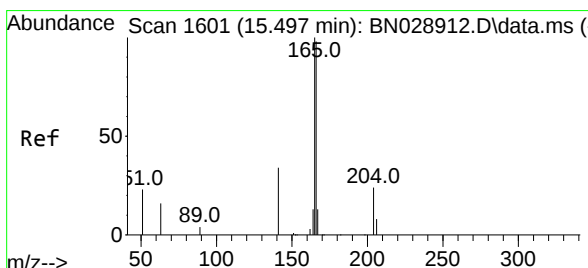
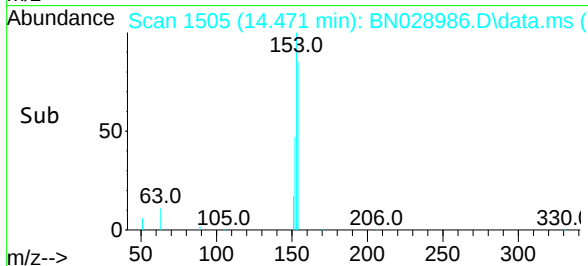
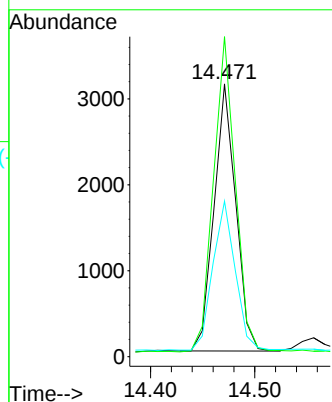
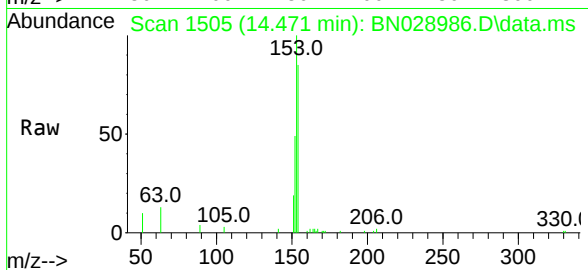




#17  
 Acenaphthene  
 Concen: 0.339 ng  
 RT: 14.471 min Scan# 1505  
 Delta R.T. -0.011 min  
 Lab File: BN028986.D  
 Acq: 02 Dec 2023 15:48

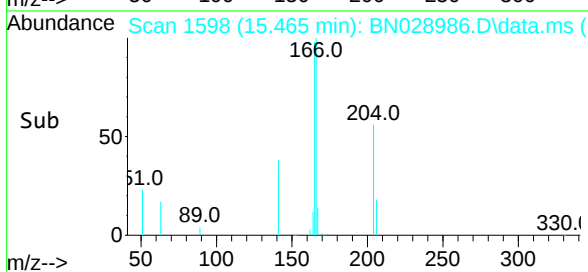
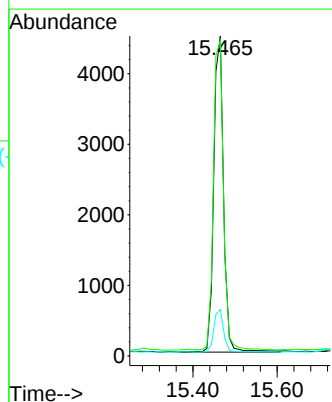
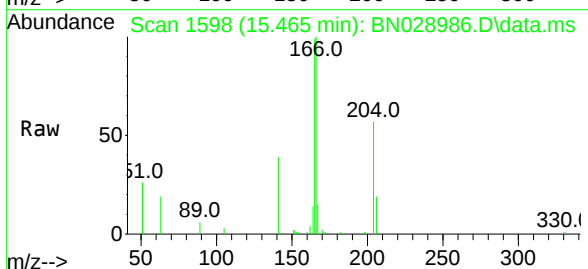
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB157240BS

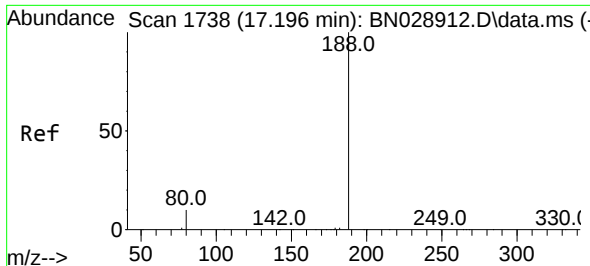
Tgt Ion:154 Resp: 4523  
 Ion Ratio Lower Upper  
 154 100  
 153 118.8 93.8 140.6  
 152 58.0 44.5 66.7



#18  
 Fluorene  
 Concen: 0.454 ng  
 RT: 15.465 min Scan# 1598  
 Delta R.T. -0.011 min  
 Lab File: BN028986.D  
 Acq: 02 Dec 2023 15:48

Tgt Ion:166 Resp: 7669  
 Ion Ratio Lower Upper  
 166 100  
 165 101.3 79.4 119.2  
 167 13.2 11.0 16.4

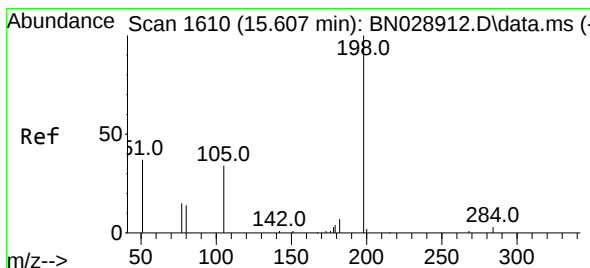
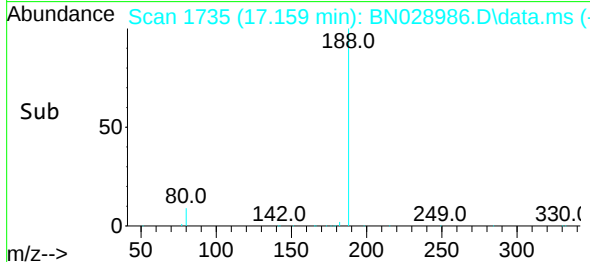
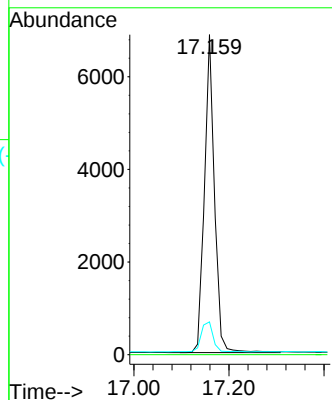
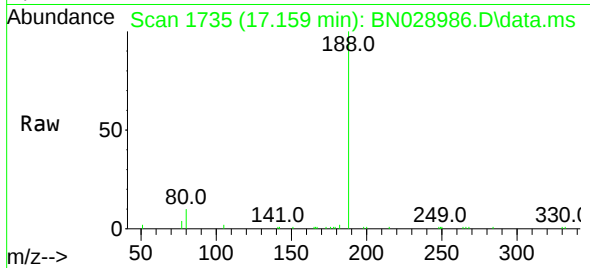




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.159 min Scan# 11  
Delta R.T. -0.013 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

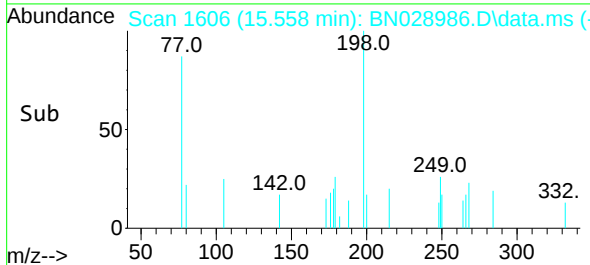
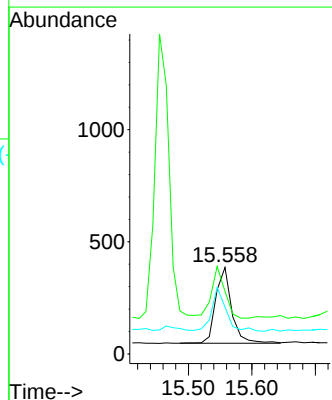
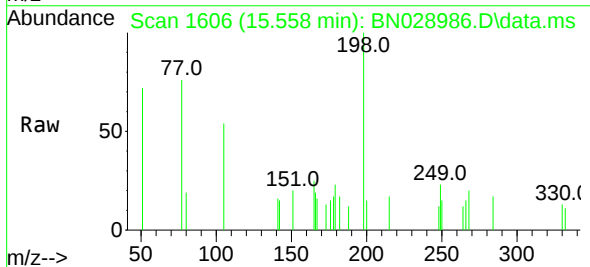
Instrument :  
BNA\_N  
ClientSampleId :  
PB157240BS

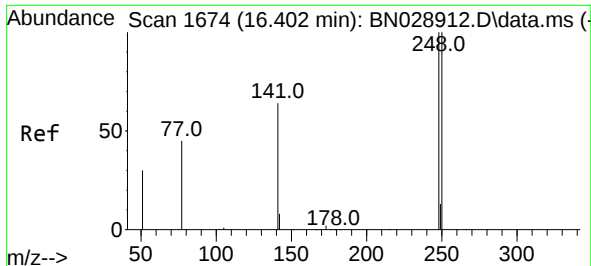
Tgt Ion:188 Resp: 10124  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.3 9.0 13.6



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.260 ng  
RT: 15.558 min Scan# 1606  
Delta R.T. -0.013 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

Tgt Ion:198 Resp: 577  
Ion Ratio Lower Upper  
198 100  
51 72.3 76.2 114.4#  
105 54.1 64.9 97.3#

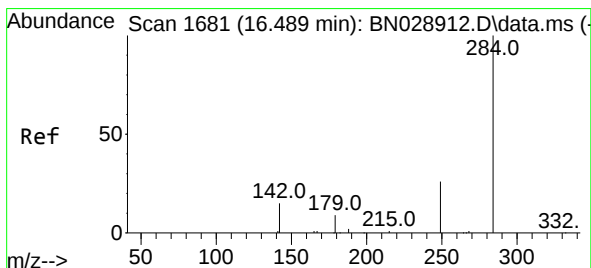
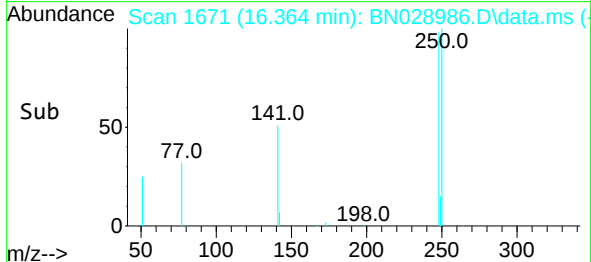
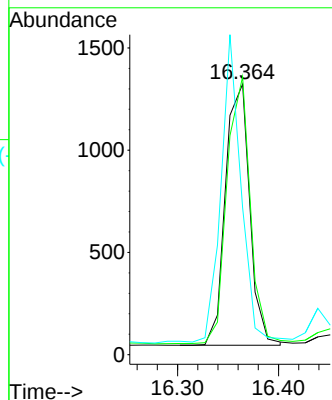
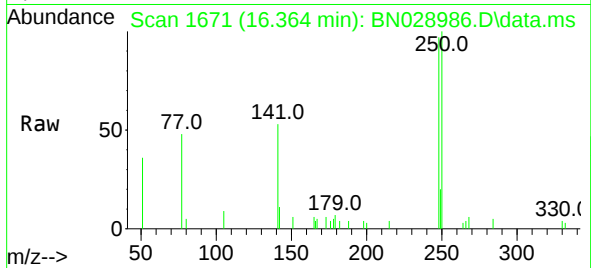




#21  
4-Bromophenyl-phenylether  
Concen: 0.306 ng  
RT: 16.364 min Scan# 1671  
Delta R.T. -0.000 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

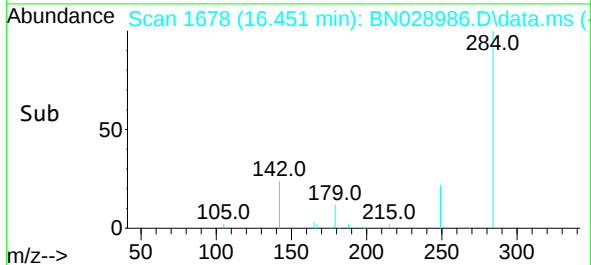
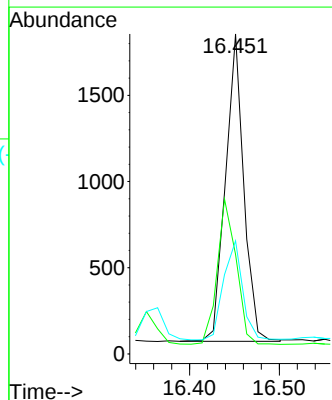
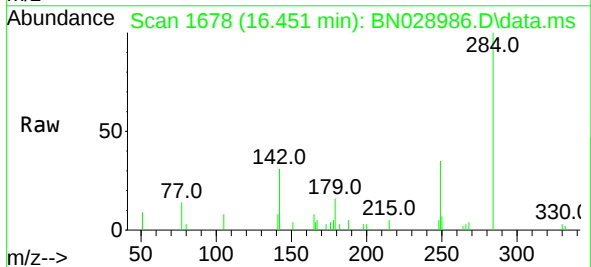
Instrument :  
BNA\_N  
ClientSampleId :  
PB157240BS

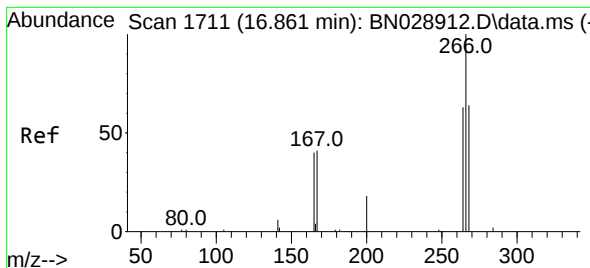
Tgt Ion:248 Resp: 2130  
Ion Ratio Lower Upper  
248 100  
250 102.8 83.5 125.3  
141 54.4 52.9 79.3



#22  
Hexachlorobenzene  
Concen: 0.295 ng  
RT: 16.451 min Scan# 1678  
Delta R.T. -0.013 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

Tgt Ion:284 Resp: 2521  
Ion Ratio Lower Upper  
284 100  
142 49.2 34.1 51.1  
249 33.8 25.7 38.5





#24

Pentachlorophenol

Concen: 0.701 ng

RT: 16.811 min Scan# 1707

Delta R.T. -0.013 min

Lab File: BN028986.D

Acq: 02 Dec 2023 15:48

Instrument :

BNA\_N

ClientSampleId :

PB157240BS

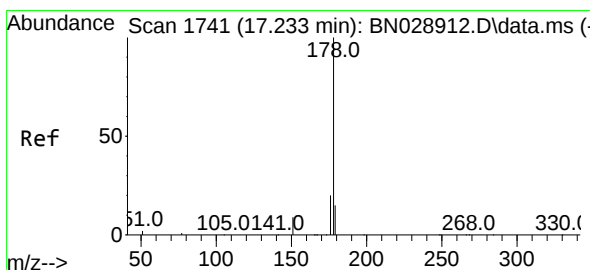
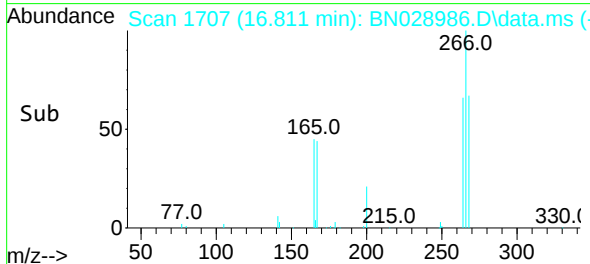
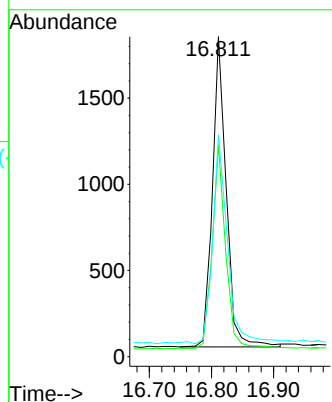
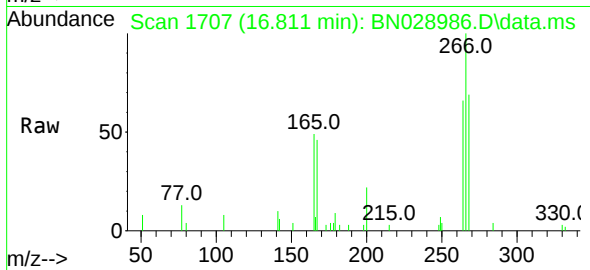
Tgt Ion:266 Resp: 2792

Ion Ratio Lower Upper

266 100

264 64.0 50.7 76.1

268 71.2 54.9 82.3



#25

Phenanthrene

Concen: 0.334 ng

RT: 17.196 min Scan# 1738

Delta R.T. -0.013 min

Lab File: BN028986.D

Acq: 02 Dec 2023 15:48

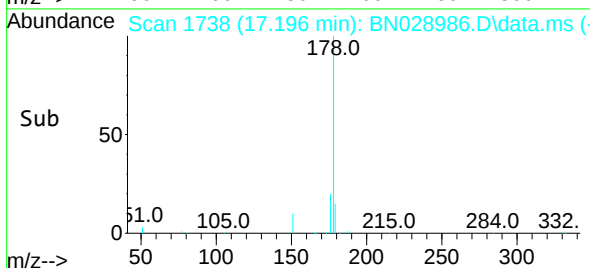
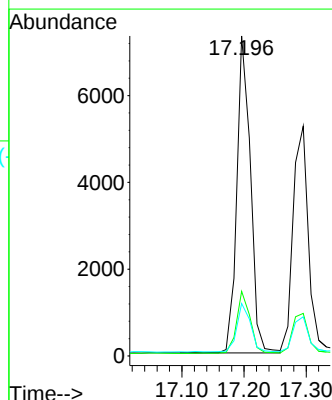
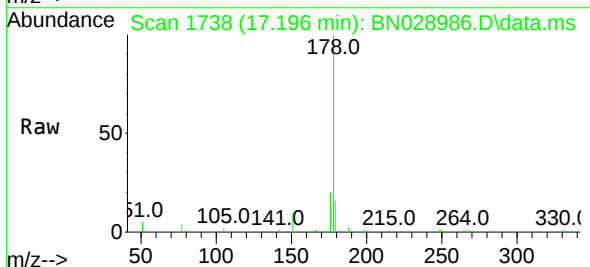
Tgt Ion:178 Resp: 11150

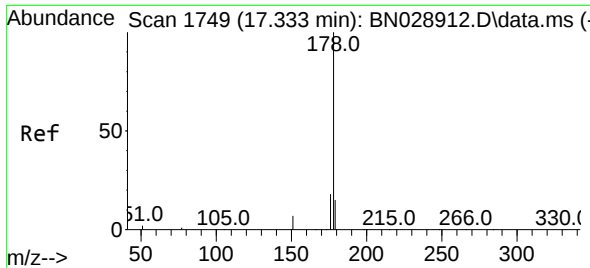
Ion Ratio Lower Upper

178 100

176 19.7 16.4 24.6

179 15.4 14.1 21.1

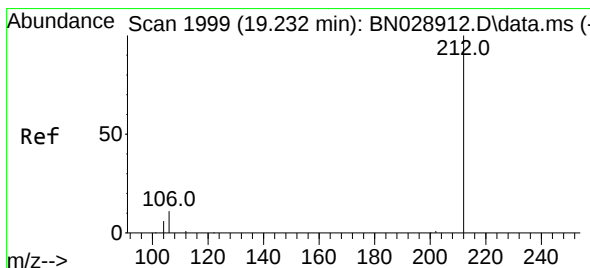
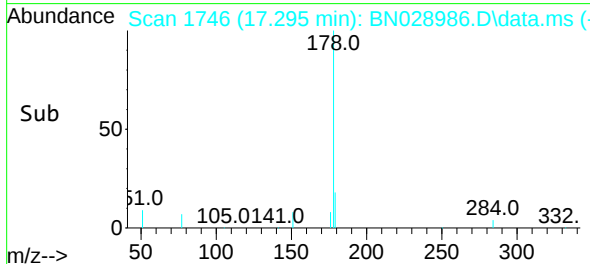
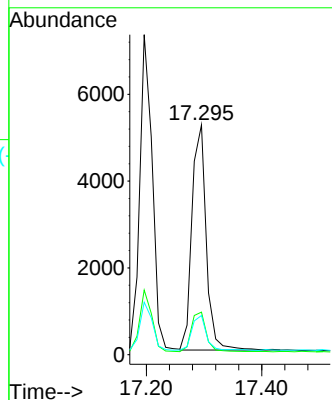
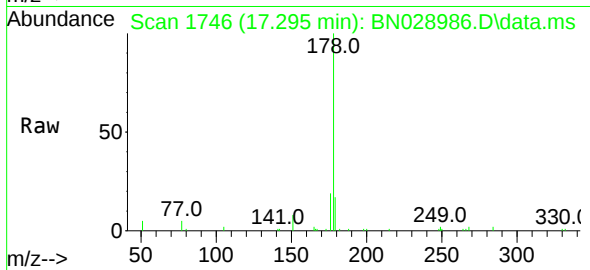




#26  
 Anthracene  
 Concen: 0.289 ng  
 RT: 17.295 min Scan# 11  
 Delta R.T. -0.013 min  
 Lab File: BN028986.D  
 Acq: 02 Dec 2023 15:48

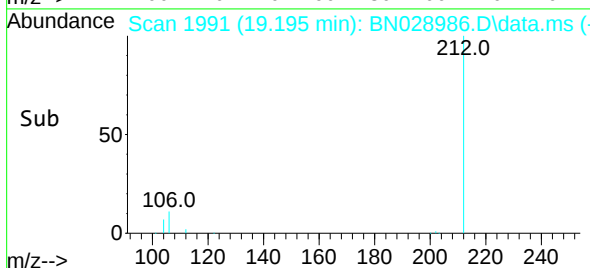
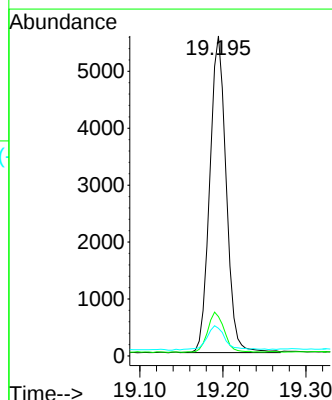
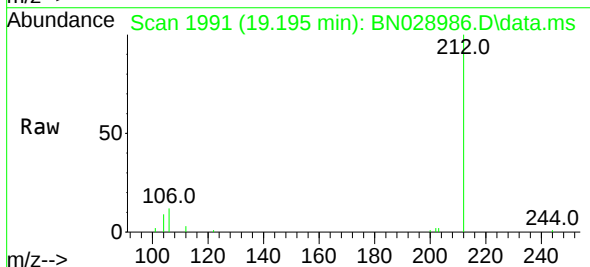
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 PB157240BS

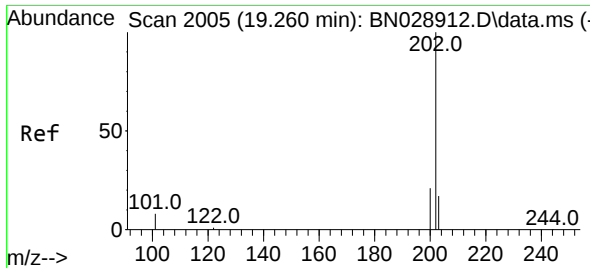
Tgt Ion:178 Resp: 8925  
 Ion Ratio Lower Upper  
 178 100  
 176 18.4 15.2 22.8  
 179 15.8 12.2 18.2



#27  
 Fluoranthene-d10  
 Concen: 0.288 ng  
 RT: 19.195 min Scan# 1991  
 Delta R.T. -0.014 min  
 Lab File: BN028986.D  
 Acq: 02 Dec 2023 15:48

Tgt Ion:212 Resp: 7674  
 Ion Ratio Lower Upper  
 212 100  
 106 12.8 9.4 14.2  
 104 9.0 6.2 9.2

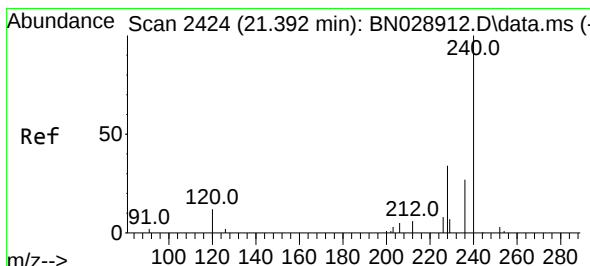
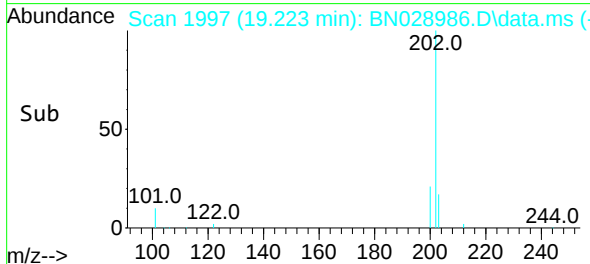
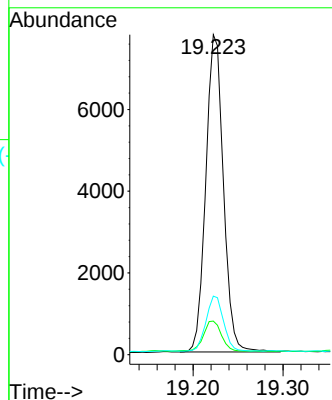
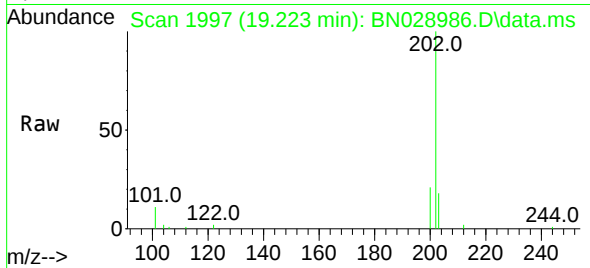




#28  
Fluoranthene  
Concen: 0.304 ng  
RT: 19.223 min Scan# 1997  
Delta R.T. -0.014 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

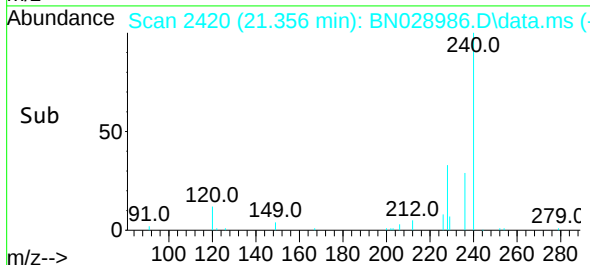
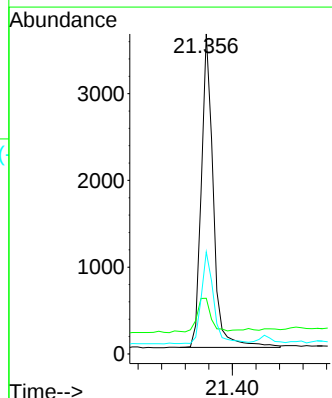
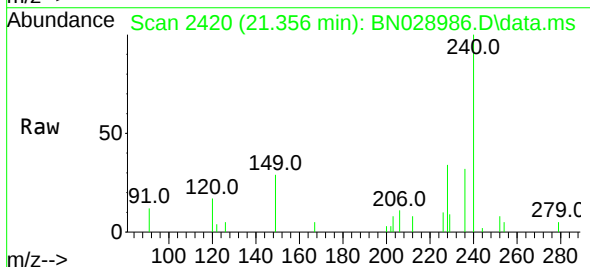
Instrument :  
BNA\_N  
ClientSampleId :  
PB157240BS

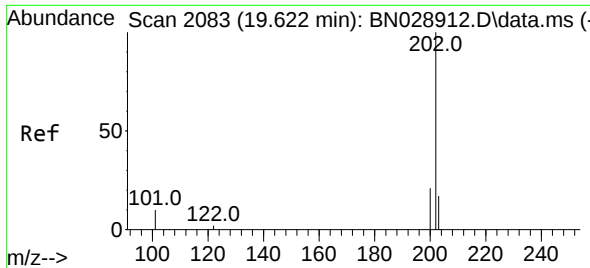
Tgt Ion:202 Resp: 10578  
Ion Ratio Lower Upper  
202 100  
101 10.2 7.3 10.9  
203 17.3 14.1 21.1



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.356 min Scan# 2420  
Delta R.T. -0.018 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

Tgt Ion:240 Resp: 5089  
Ion Ratio Lower Upper  
240 100  
120 17.4 37.1 55.7#  
236 31.9 32.4 48.6#

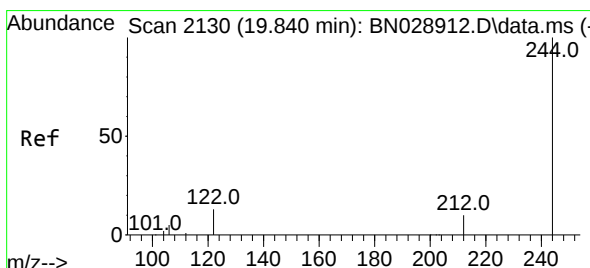
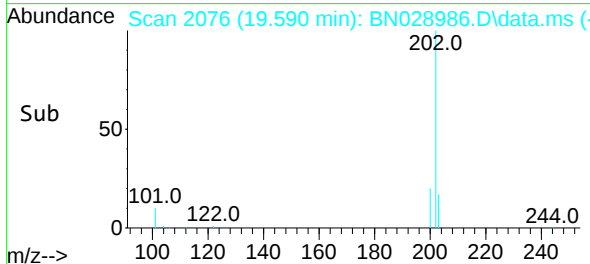
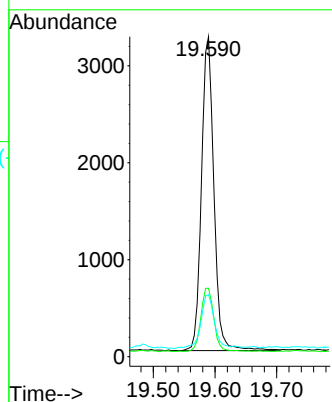
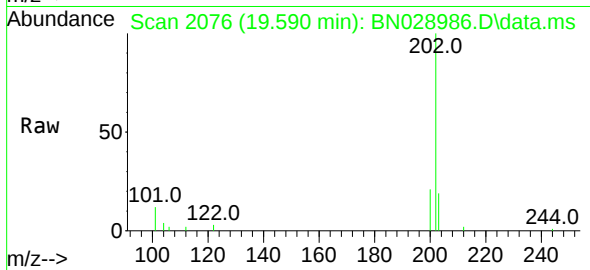




#30  
 Pyrene  
 Concen: 0.211 ng  
 RT: 19.590 min Scan# 2083  
 Delta R.T. -0.014 min  
 Lab File: BN028986.D  
 Acq: 02 Dec 2023 15:48

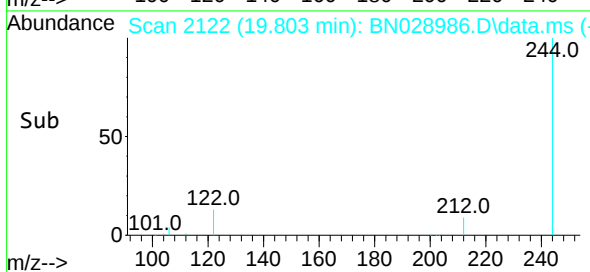
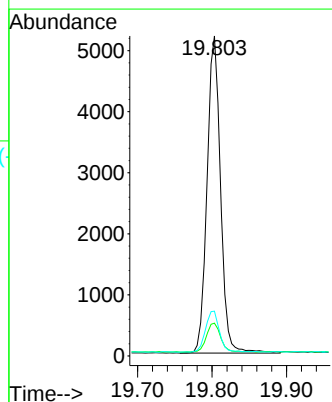
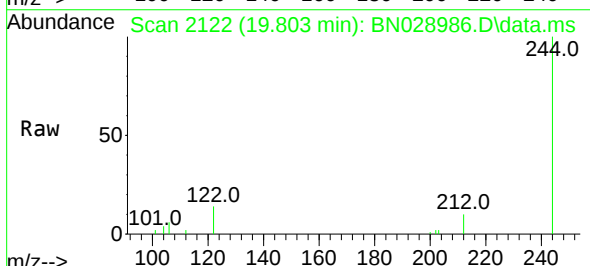
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB157240BS

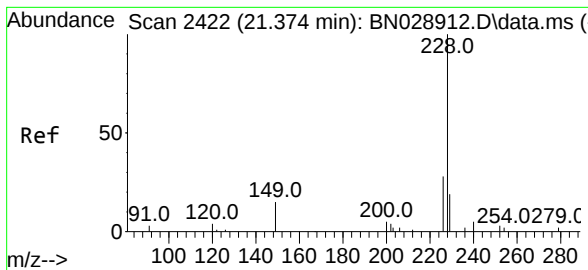
Tgt Ion:202 Resp: 4540  
 Ion Ratio Lower Upper  
 202 100  
 200 21.0 16.9 25.3  
 203 18.6 14.8 22.2



#31  
 Terphenyl-d14  
 Concen: 0.432 ng  
 RT: 19.803 min Scan# 2122  
 Delta R.T. -0.014 min  
 Lab File: BN028986.D  
 Acq: 02 Dec 2023 15:48

Tgt Ion:244 Resp: 6544  
 Ion Ratio Lower Upper  
 244 100  
 212 10.3 11.5 17.3#  
 122 14.0 13.2 19.8





#32

Benzo(a)anthracene

Concen: 0.344 ng

RT: 21.338 min Scan# 2418

Delta R.T. -0.018 min

Lab File: BN028986.D

Acq: 02 Dec 2023 15:48

Instrument :

BNA\_N

ClientSampleId :

PB157240BS

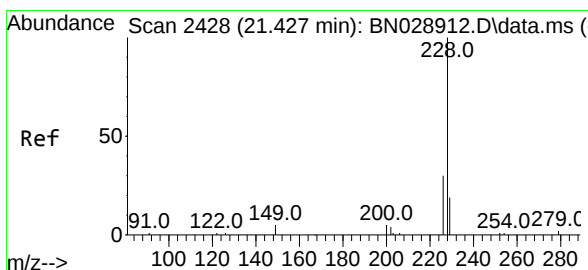
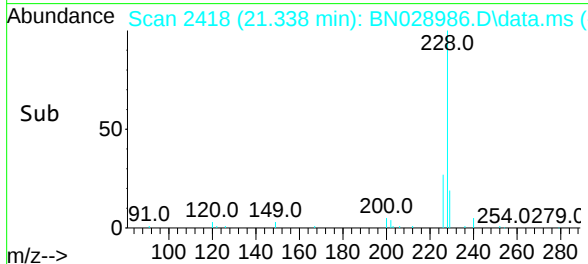
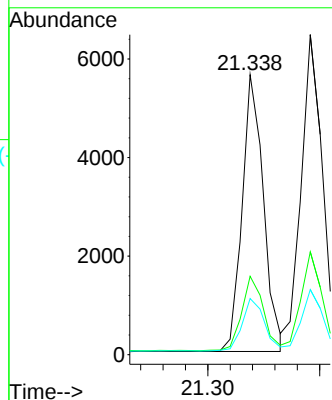
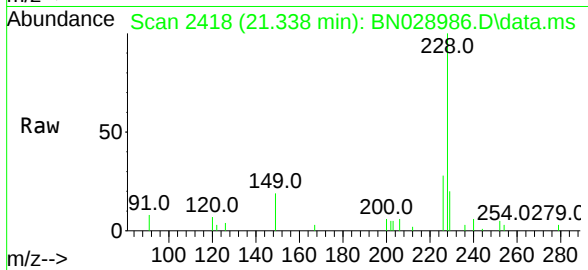
Tgt Ion:228 Resp: 7446

Ion Ratio Lower Upper

228 100

226 28.0 26.5 39.7

229 20.0 16.4 24.6



#33

Chrysene

Concen: 0.408 ng

RT: 21.392 min Scan# 2424

Delta R.T. -0.018 min

Lab File: BN028986.D

Acq: 02 Dec 2023 15:48

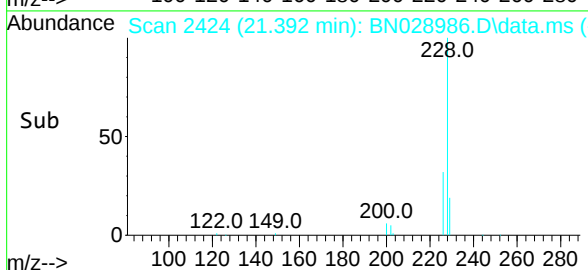
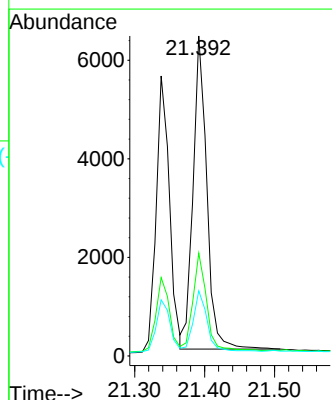
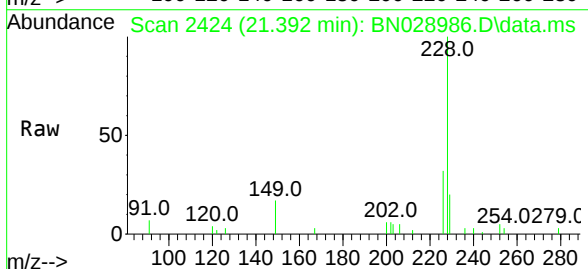
Tgt Ion:228 Resp: 8672

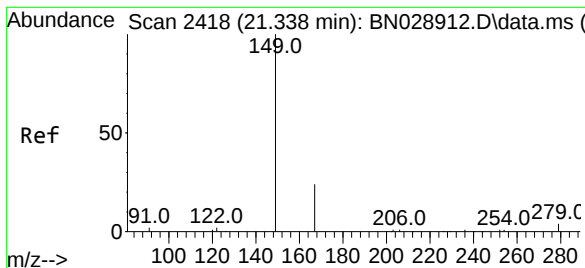
Ion Ratio Lower Upper

228 100

226 32.1 28.3 42.5

229 20.3 16.4 24.6

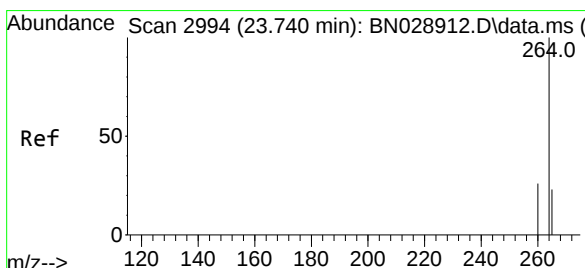
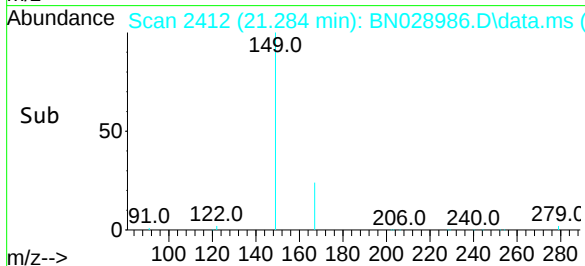
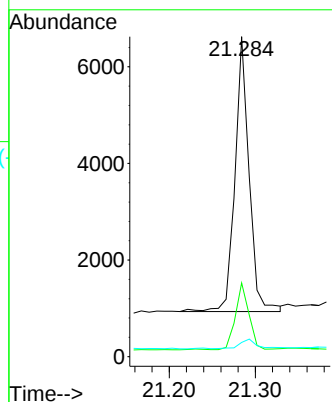
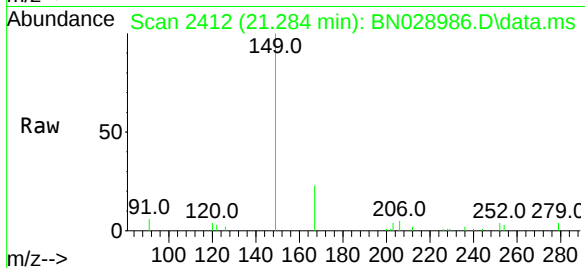




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.081 ng  
RT: 21.284 min Scan# 2418  
Delta R.T. -0.018 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

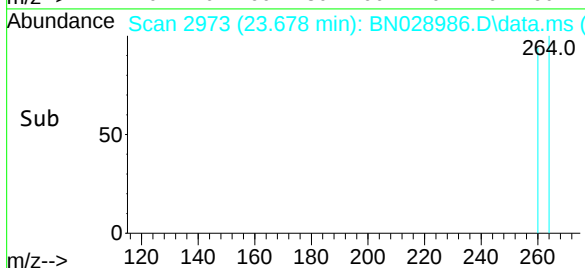
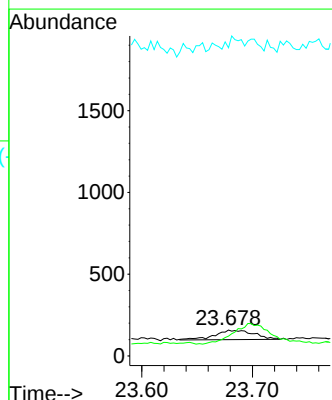
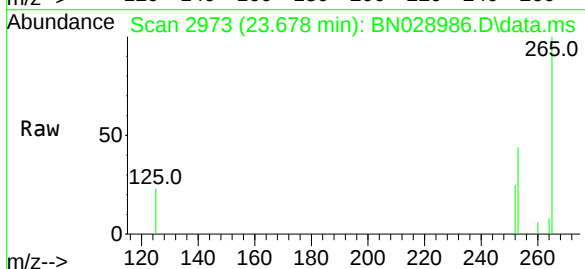
Instrument :  
BNA\_N  
ClientSampleId :  
PB157240BS

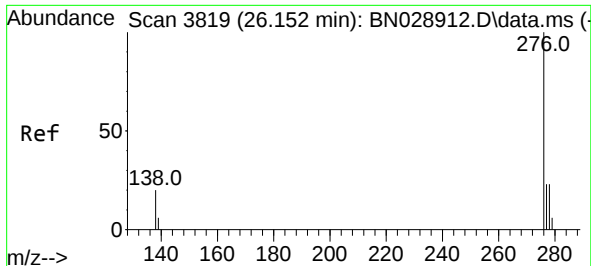
Tgt Ion:149 Resp: 6500  
Ion Ratio Lower Upper  
149 100  
167 23.0 14.9 22.3#  
279 4.4 6.3 9.5#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.678 min Scan# 2973  
Delta R.T. -0.029 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

Tgt Ion:264 Resp: 139  
Ion Ratio Lower Upper  
264 100  
260 76.6 20.6 30.8#  
265 1193.0 464.5 696.7#

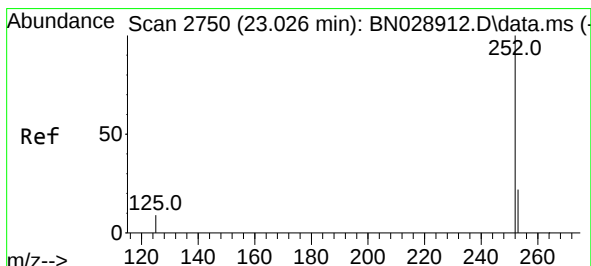
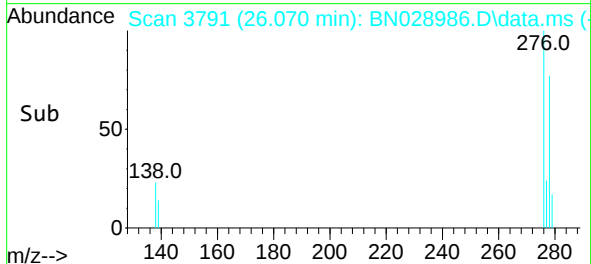
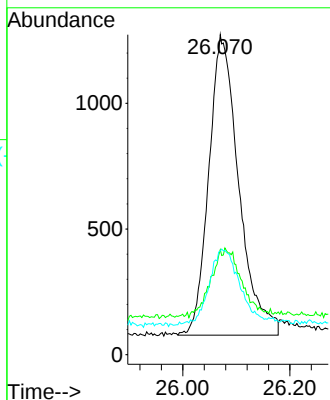
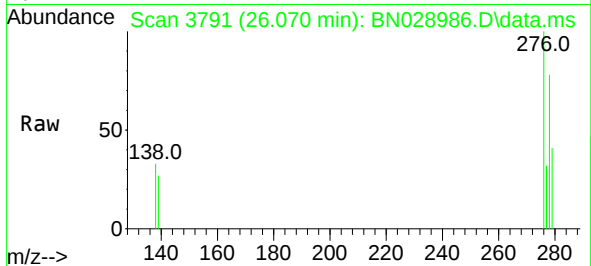




#36  
Indeno(1,2,3-cd)pyrene  
Concen: 7.662 ng  
RT: 26.070 min Scan# 31  
Delta R.T. -0.032 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

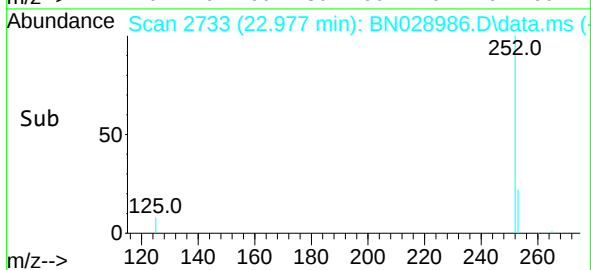
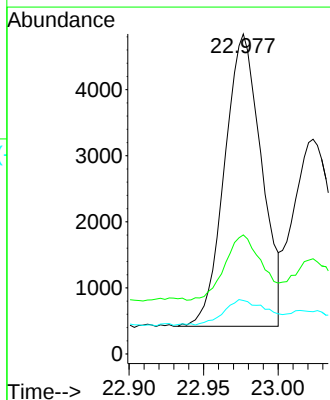
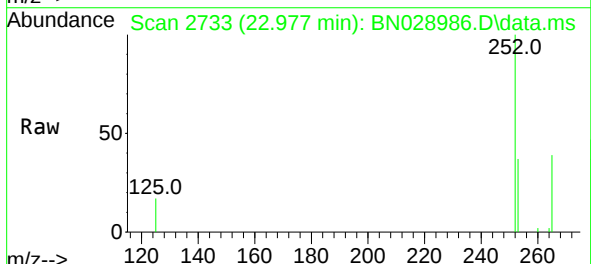
Instrument :  
BNA\_N  
ClientSampleId :  
PB157240BS

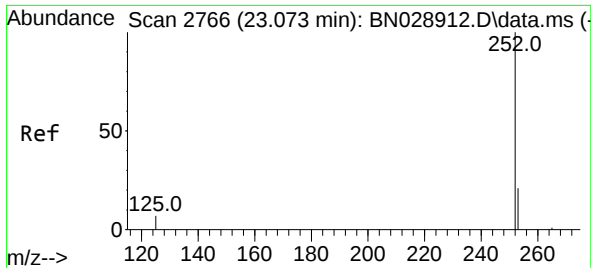
Tgt Ion:276 Resp: 4641  
Ion Ratio Lower Upper  
276 100  
138 9.3 20.9 31.3#  
277 24.7 20.2 30.4



#37  
Benzo(b)fluoranthene  
Concen: 13.407 ng  
RT: 22.977 min Scan# 2733  
Delta R.T. -0.021 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

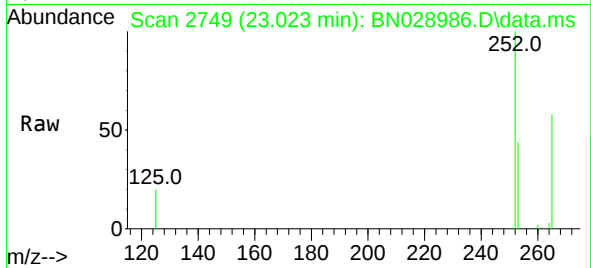
Tgt Ion:252 Resp: 7624  
Ion Ratio Lower Upper  
252 100  
253 37.2 94.5 141.7#  
125 16.7 23.8 35.8#



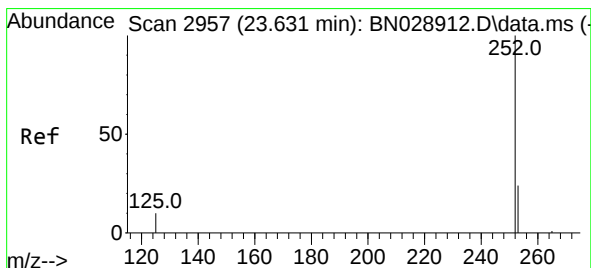
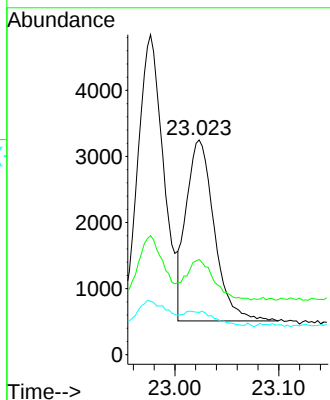


#38  
Benzo(k)fluoranthene  
Concen: 9.567 ng  
RT: 23.023 min Scan# 21  
Delta R.T. -0.021 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

Instrument :  
BNA\_N  
ClientSampleId :  
PB157240BS

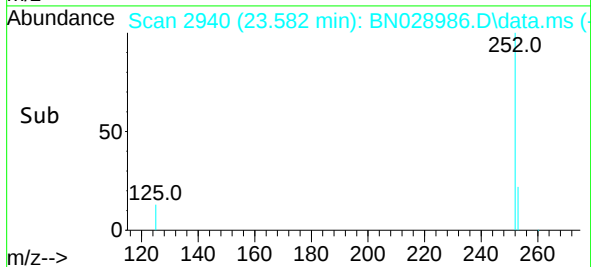
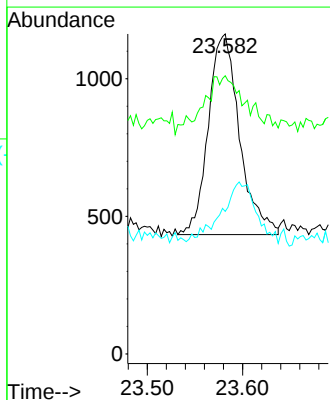
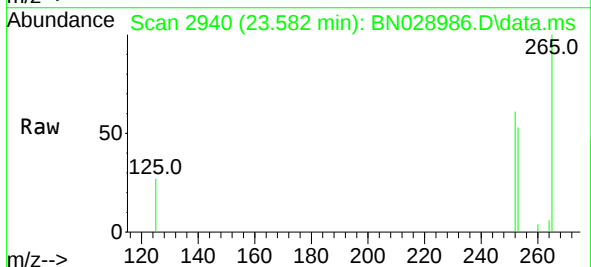


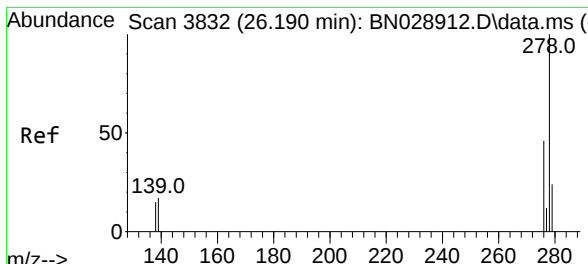
Tgt Ion:252 Resp: 5133  
Ion Ratio Lower Upper  
252 100  
253 44.4 95.2 142.8#  
125 19.7 24.3 36.5#



#39  
Benzo(a)pyrene  
Concen: 3.270 ng  
RT: 23.582 min Scan# 2940  
Delta R.T. -0.021 min  
Lab File: BN028986.D  
Acq: 02 Dec 2023 15:48

Tgt Ion:252 Resp: 1661  
Ion Ratio Lower Upper  
252 100  
253 86.9 110.2 165.4#  
125 44.5 27.0 40.4#

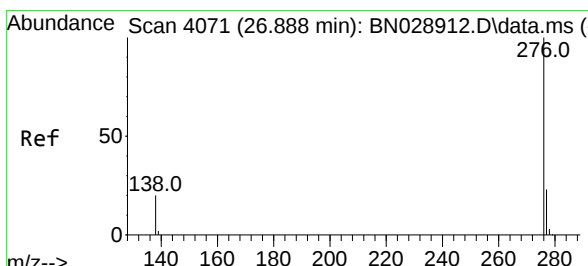
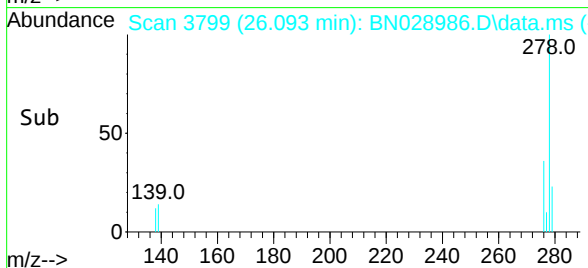
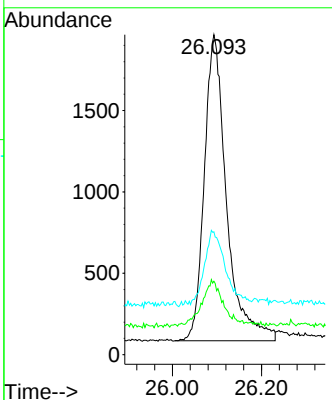
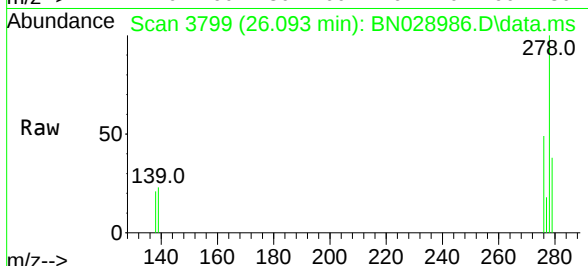




#40  
 Dibenzo(a,h)anthracene  
 Concen: 13.897 ng  
 RT: 26.093 min Scan# 31  
 Delta R.T. -0.038 min  
 Lab File: BN028986.D  
 Acq: 02 Dec 2023 15:48

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB157240BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 6514   |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 22.9  | 22.6  | 33.8   |
| 279       | 38.4  | 102.6 | 153.8# |



#41  
 Benzo(g,h,i)perylene  
 Concen: 6.953 ng  
 RT: 26.801 min Scan# 4041  
 Delta R.T. -0.041 min  
 Lab File: BN028986.D  
 Acq: 02 Dec 2023 15:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 3666  |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 33.3  | 28.9  | 43.3  |
| 138       | 29.3  | 36.2  | 54.2# |

