

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122624\  
 Data File : BN035852.D  
 Acq On : 26 Dec 2024 14:19  
 Operator : RC/JU  
 Sample : PB165828BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB165828BS

Quant Time: Dec 27 00:41:16 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 19 23:06:19 2024  
 Response via : Initial Calibration

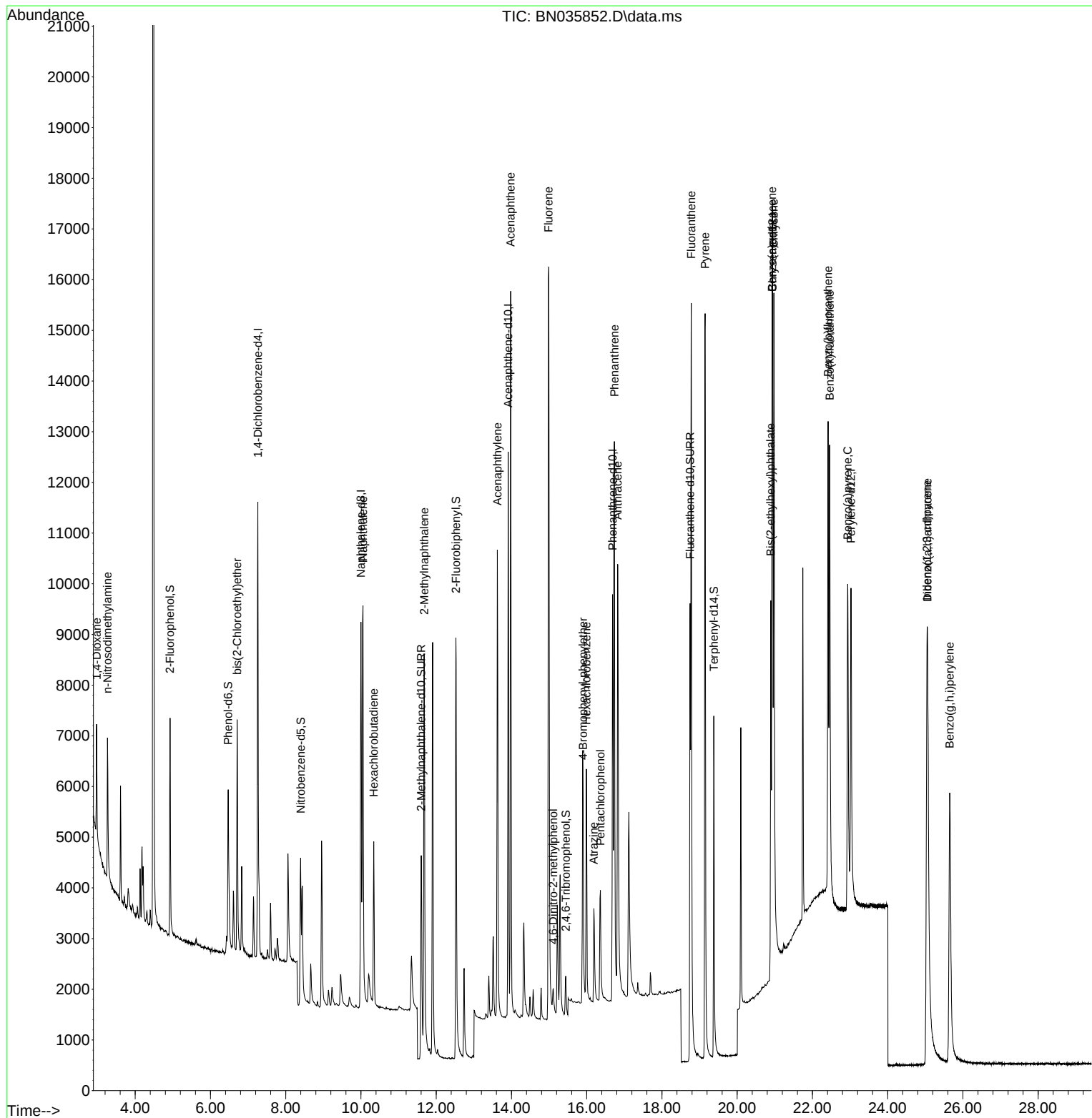
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.257  | 152  | 4431     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 9.998  | 136  | 10905    | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10          | 13.914 | 164  | 6427     | 0.400 | ng    | -0.02    |
| 19) Phenanthrene-d10          | 16.686 | 188  | 13001    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 20.938 | 240  | 9257     | 0.400 | ng    | #-0.02   |
| 35) Perylene-d12              | 23.023 | 264  | 9148     | 0.400 | ng    | #-0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.924  | 112  | 3645     | 0.329 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.470  | 99   | 4024     | 0.302 | ng    | -0.02    |
| 8) Nitrobenzene-d5            | 8.397  | 82   | 3418     | 0.513 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.600 | 152  | 7947     | 0.466 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.442 | 330  | 913      | 0.200 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.523 | 172  | 9578     | 0.394 | ng    | -0.02    |
| 27) Fluoranthene-d10          | 18.747 | 212  | 12504    | 0.339 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.379 | 244  | 8698     | 0.476 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.974  | 88   | 1467     | 0.346 | ng    | # 88     |
| 3) n-Nitrosodimethylamine     | 3.263  | 42   | 1440     | 0.408 | ng    | # 88     |
| 6) bis(2-Chloroethyl)ether    | 6.708  | 93   | 3983     | 0.355 | ng    | 99       |
| 9) Naphthalene                | 10.052 | 128  | 11935    | 0.415 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.340 | 225  | 2551     | 0.385 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 11.681 | 142  | 7534     | 0.366 | ng    | 96       |
| 16) Acenaphthylene            | 13.625 | 152  | 10983    | 0.407 | ng    | 100      |
| 17) Acenaphthene              | 13.978 | 154  | 6982     | 0.390 | ng    | 99       |
| 18) Fluorene                  | 14.983 | 166  | 9056     | 0.353 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.111 | 198  | 645      | 0.505 | ng    | 92       |
| 21) 4-Bromophenyl-phenylether | 15.904 | 248  | 2685     | 0.353 | ng    | 97       |
| 22) Hexachlorobenzene         | 15.991 | 284  | 3862     | 0.432 | ng    | 96       |
| 23) Atrazine                  | 16.189 | 200  | 2110     | 0.390 | ng    | 96       |
| 24) Pentachlorophenol         | 16.363 | 266  | 1614     | 0.415 | ng    | # 85     |
| 25) Phenanthrene              | 16.735 | 178  | 14161    | 0.397 | ng    | 100      |
| 26) Anthracene                | 16.822 | 178  | 12409    | 0.384 | ng    | 99       |
| 28) Fluoranthene              | 18.780 | 202  | 15692    | 0.326 | ng    | 99       |
| 30) Pyrene                    | 19.147 | 202  | 15917    | 0.466 | ng    | 100      |
| 32) Benzo(a)anthracene        | 20.929 | 228  | 11832    | 0.365 | ng    | 99       |
| 33) Chrysene                  | 20.974 | 228  | 14241    | 0.426 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 20.893 | 149  | 5313     | 0.415 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.044 | 276  | 15551    | 0.435 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.415 | 252  | 19434    | 0.581 | ng    | # 96     |
| 38) Benzo(k)fluoranthene      | 22.456 | 252  | 14469    | 0.439 | ng    | 95       |
| 39) Benzo(a)pyrene            | 22.936 | 252  | 11624    | 0.422 | ng    | # 91     |
| 40) Dibenzo(a,h)anthracene    | 25.061 | 278  | 11696    | 0.414 | ng    | 95       |
| 41) Benzo(g,h,i)perylene      | 25.649 | 276  | 12710    | 0.431 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122624\  
Data File : BN035852.D  
Acq On : 26 Dec 2024 14:19  
Operator : RC/JU  
Sample : PB165828BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB165828BS

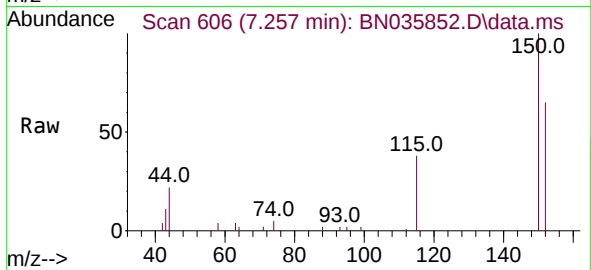
Quant Time: Dec 27 00:41:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 19 23:06:19 2024  
Response via : Initial Calibration



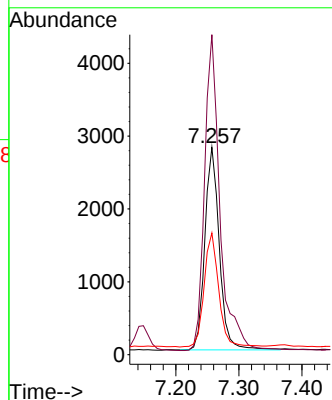
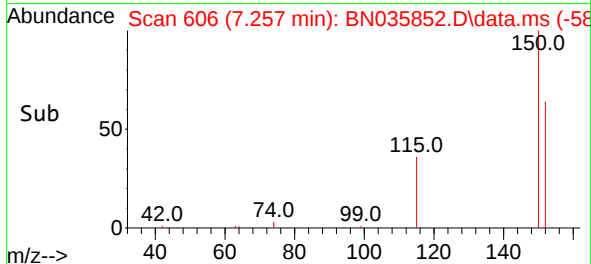


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.257 min Scan# 60  
 Delta R.T. -0.015 min  
 Lab File: BN035852.D  
 Acq: 26 Dec 2024 14:19

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB165828BS

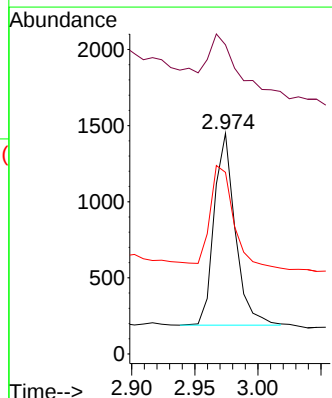
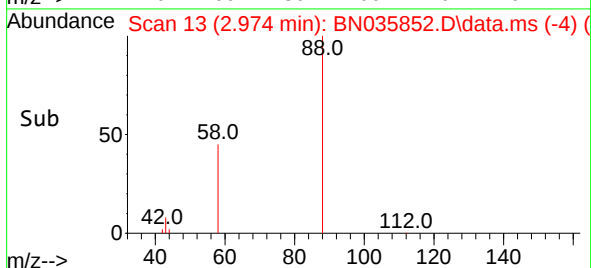
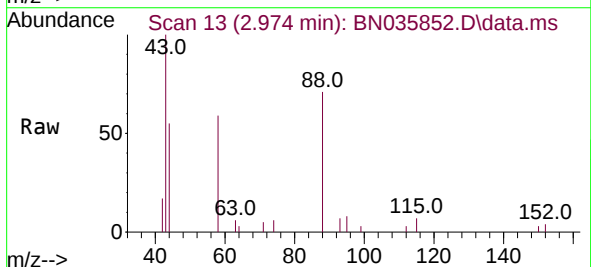


Tgt Ion:152 Resp: 4431  
 Ion Ratio Lower Upper  
 152 100  
 150 154.4 124.0 186.0  
 115 58.7 49.6 74.4



#2  
 1,4-Dioxane  
 Concen: 0.346 ng  
 RT: 2.974 min Scan# 13  
 Delta R.T. -0.008 min  
 Lab File: BN035852.D  
 Acq: 26 Dec 2024 14:19

Tgt Ion: 88 Resp: 1467  
 Ion Ratio Lower Upper  
 88 100  
 43 35.7 17.2 25.8#  
 58 59.5 44.5 66.7

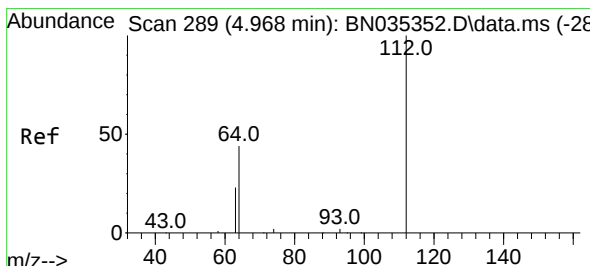
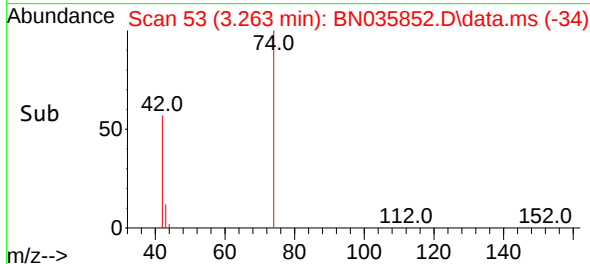
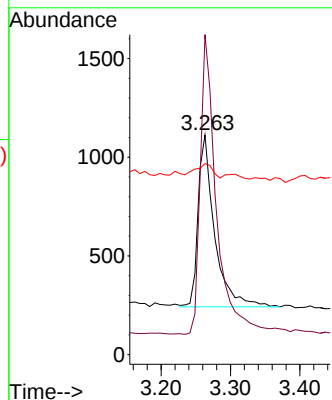
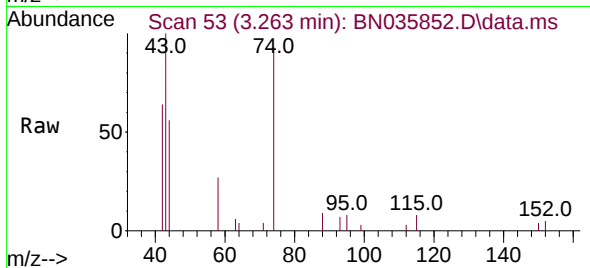




#3  
n-Nitrosodimethylamine  
Concen: 0.408 ng  
RT: 3.263 min Scan# 51  
Delta R.T. -0.015 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

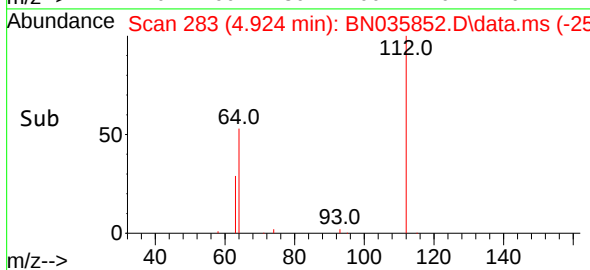
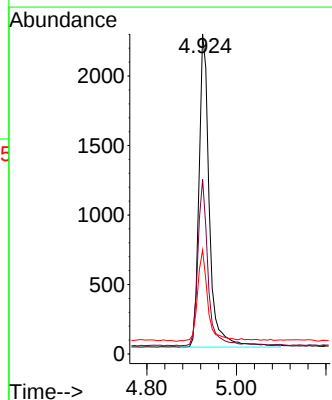
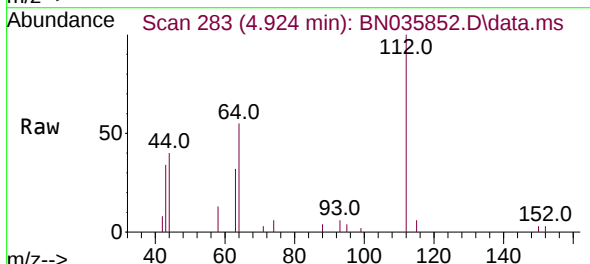
Instrument :  
BNA\_N  
ClientSampleId :  
PB165828BS

Tgt Ion: 42 Resp: 1440  
Ion Ratio Lower Upper  
42 100  
74 172.0 124.9 187.3  
44 8.5 2.2 3.4#



#4  
2-Fluorophenol  
Concen: 0.329 ng  
RT: 4.924 min Scan# 283  
Delta R.T. -0.015 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

Tgt Ion: 112 Resp: 3645  
Ion Ratio Lower Upper  
112 100  
64 51.2 39.8 59.8  
63 28.7 21.0 31.6

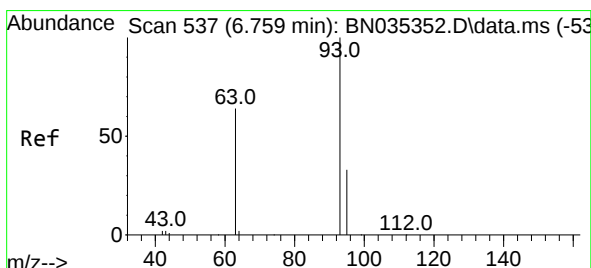
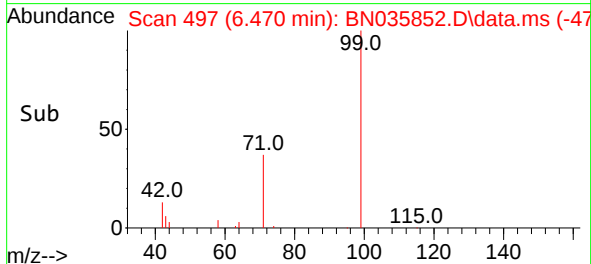
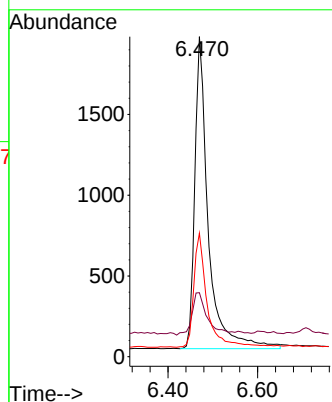
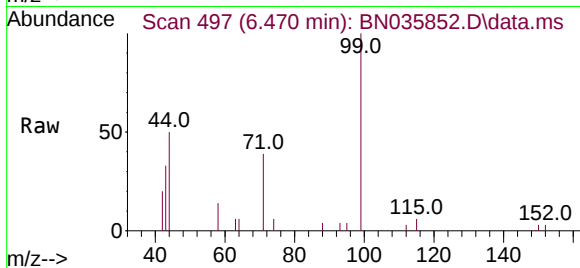




#5  
Phenol-d6  
Concen: 0.302 ng  
RT: 6.470 min Scan# 497  
Delta R.T. -0.022 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

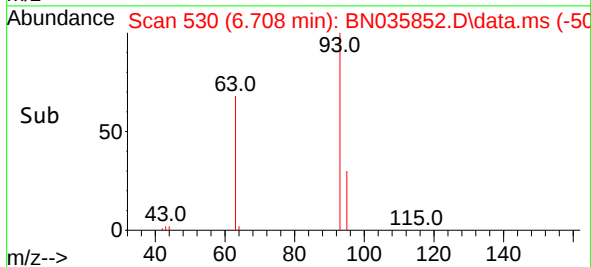
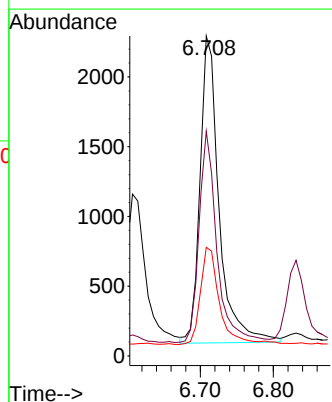
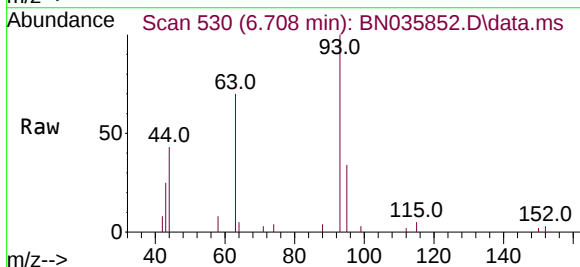
Instrument :  
BNA\_N  
ClientSampleId :  
PB165828BS

Tgt Ion: 99 Resp: 4024  
Ion Ratio Lower Upper  
99 100  
42 15.6 11.4 17.2  
71 36.4 29.3 43.9



#6  
bis(2-Chloroethyl)ether  
Concen: 0.355 ng  
RT: 6.708 min Scan# 530  
Delta R.T. -0.022 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

Tgt Ion: 93 Resp: 3983  
Ion Ratio Lower Upper  
93 100  
63 64.4 50.4 75.6  
95 32.1 25.7 38.5

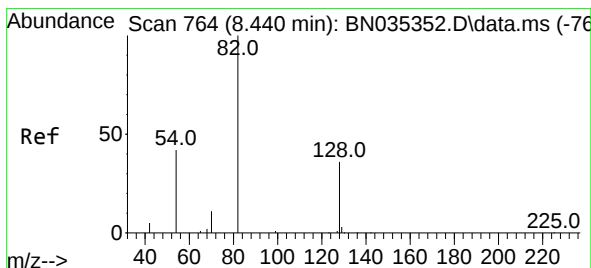
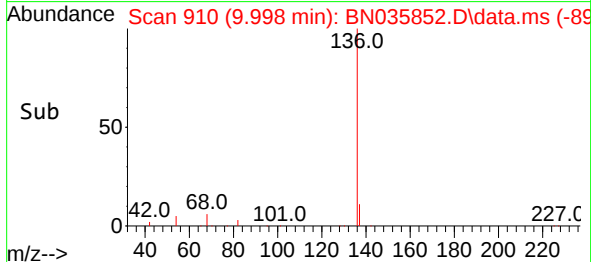
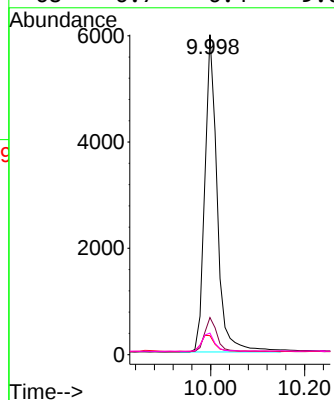
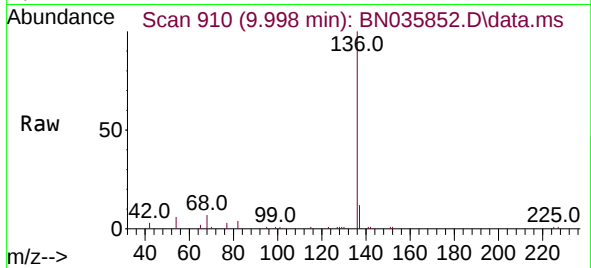




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 9.998 min Scan# 91  
Delta R.T. -0.022 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

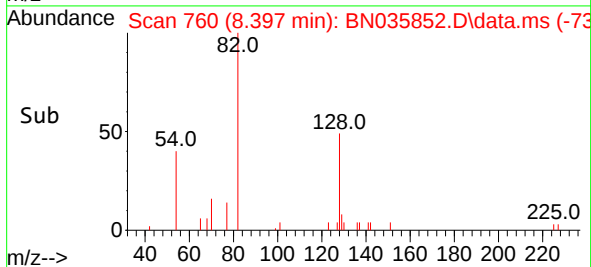
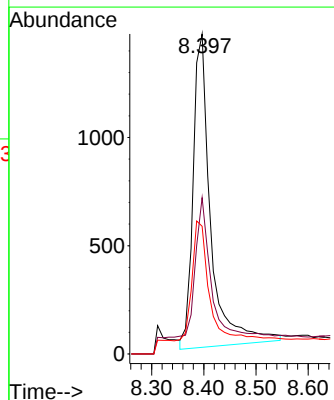
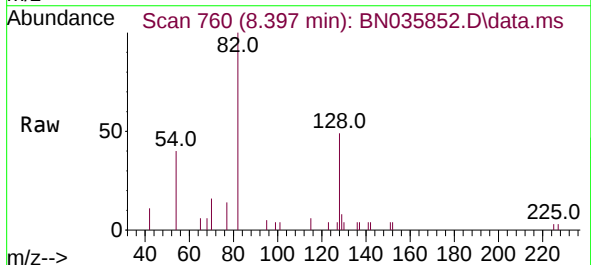
Instrument :  
BNA\_N  
ClientSampleId :  
PB165828BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 10905 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.6  | 10.2  | 15.2  |
| 54       | 5.9   | 6.1   | 9.1#  |
| 68       | 6.7   | 6.4   | 9.6   |



#8  
Nitrobenzene-d5  
Concen: 0.513 ng  
RT: 8.397 min Scan# 760  
Delta R.T. -0.011 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3418  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 48.8  | 33.4  | 50.0  |
| 54       | 39.9  | 36.7  | 55.1  |





#9

Naphthalene

Concen: 0.415 ng

RT: 10.052 min Scan# 915

Delta R.T. -0.011 min

Lab File: BN035852.D

Acq: 26 Dec 2024 14:19

Instrument :

BNA\_N

ClientSampleId :

PB165828BS

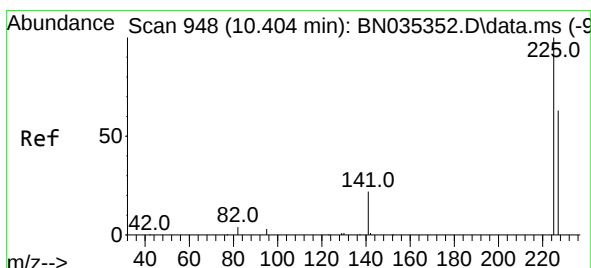
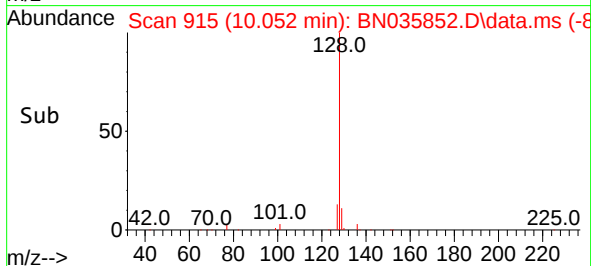
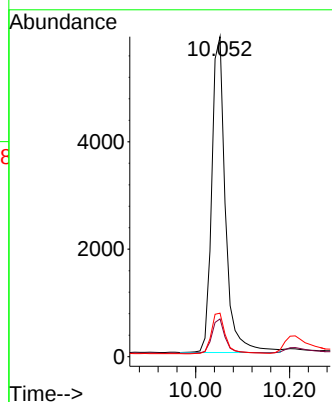
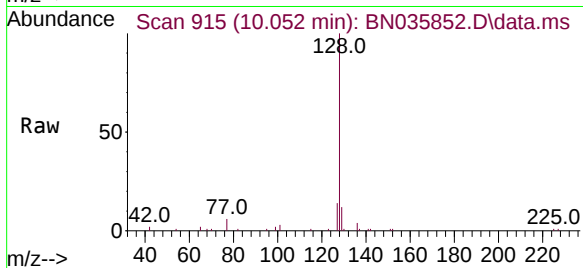
Tgt Ion:128 Resp: 11935

Ion Ratio Lower Upper

128 100

129 11.8 9.8 14.6

127 13.6 11.4 17.2



#10

Hexachlorobutadiene

Concen: 0.385 ng

RT: 10.340 min Scan# 942

Delta R.T. -0.022 min

Lab File: BN035852.D

Acq: 26 Dec 2024 14:19

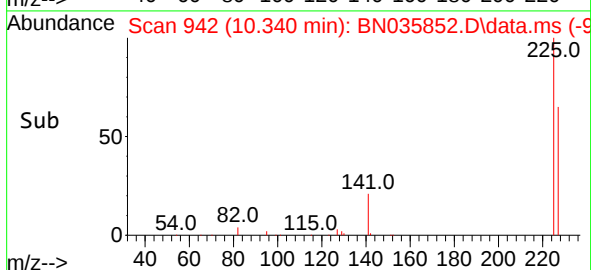
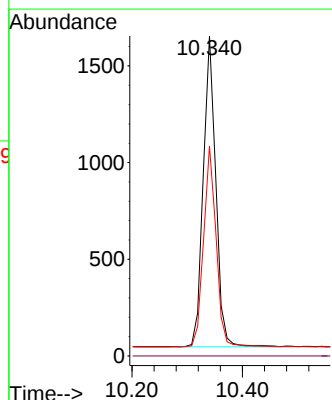
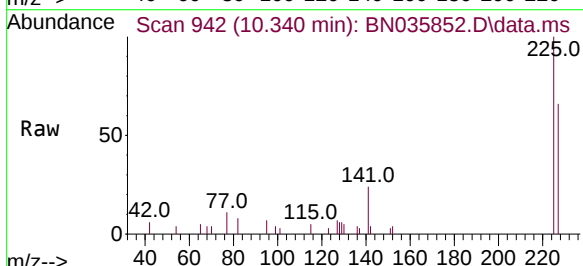
Tgt Ion:225 Resp: 2551

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.9 51.3 76.9

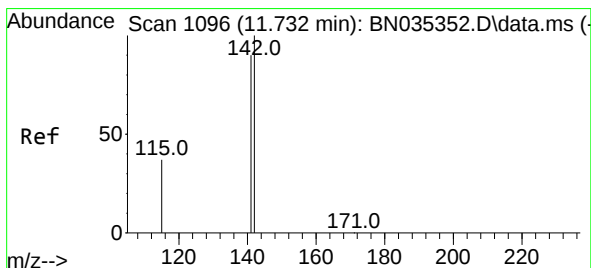
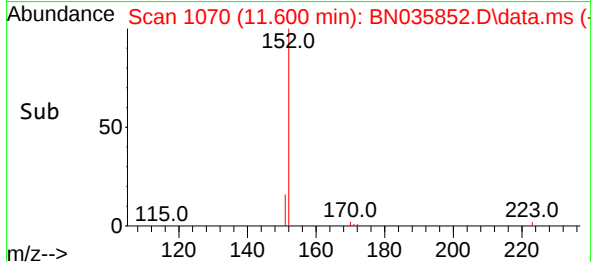
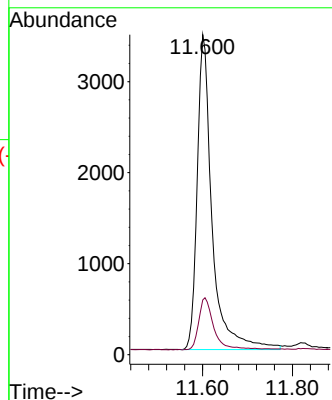
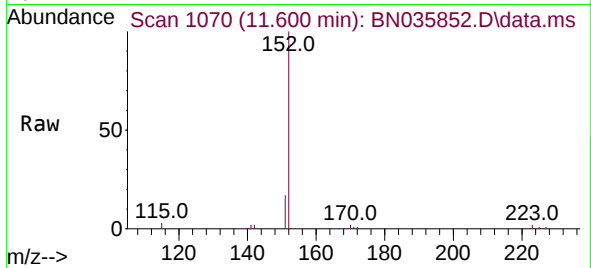




#11  
2-Methylnaphthalene-d10  
Concen: 0.466 ng  
RT: 11.600 min Scan# 1070  
Delta R.T. -0.021 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

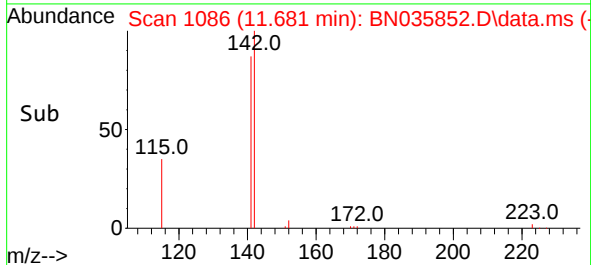
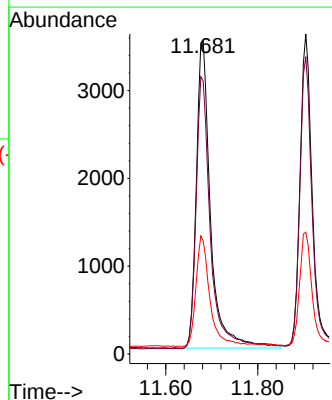
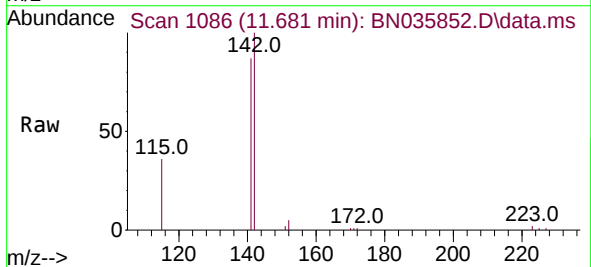
Instrument :  
BNA\_N  
ClientSampleId :  
PB165828BS

Tgt Ion:152 Resp: 7947  
Ion Ratio Lower Upper  
152 100  
151 16.8 16.6 25.0



#12  
2-Methylnaphthalene  
Concen: 0.366 ng  
RT: 11.681 min Scan# 1086  
Delta R.T. -0.015 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

Tgt Ion:142 Resp: 7534  
Ion Ratio Lower Upper  
142 100  
141 87.3 72.2 108.4  
115 36.1 31.4 47.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.914 min Scan# 14

Delta R.T. -0.022 min

Lab File: BN035852.D

Acq: 26 Dec 2024 14:19

Instrument :

BNA\_N

ClientSampleId :

PB165828BS

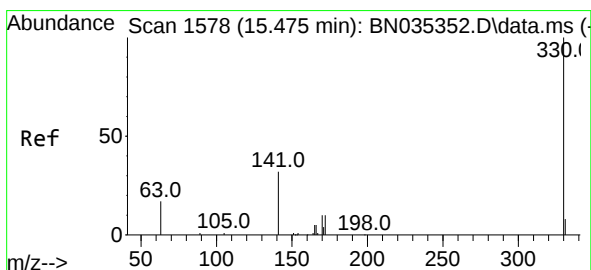
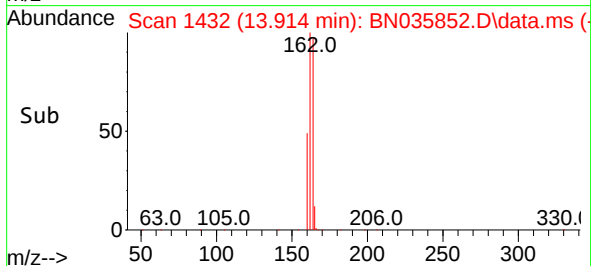
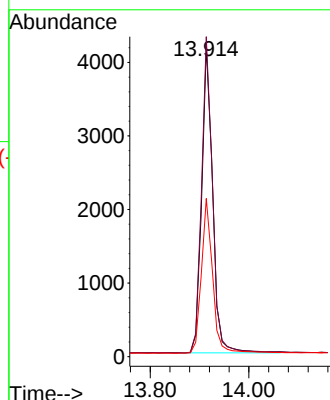
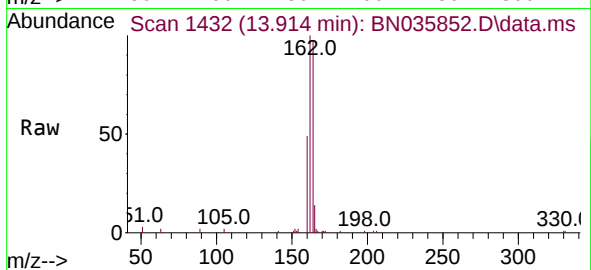
Tgt Ion:164 Resp: 6427

Ion Ratio Lower Upper

164 100

162 103.4 82.2 123.2

160 51.1 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.200 ng

RT: 15.442 min Scan# 1575

Delta R.T. -0.011 min

Lab File: BN035852.D

Acq: 26 Dec 2024 14:19

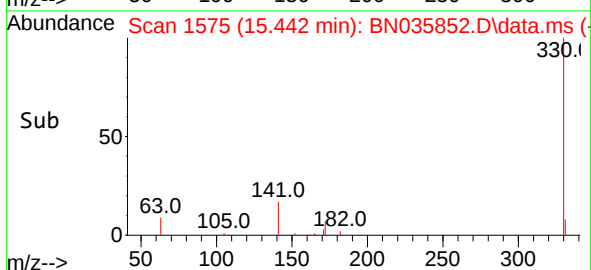
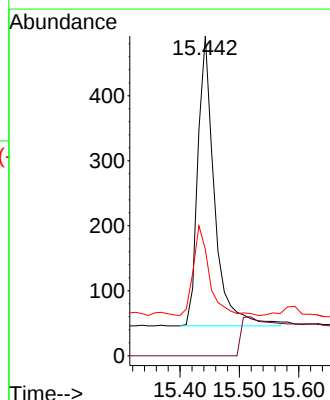
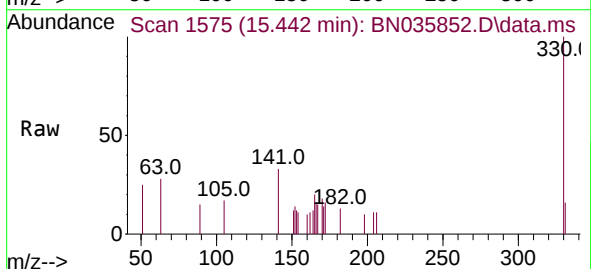
Tgt Ion:330 Resp: 913

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 29.1 26.6 40.0

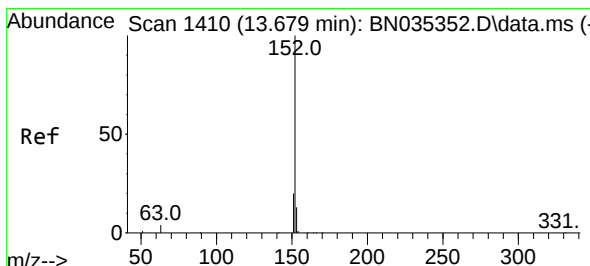
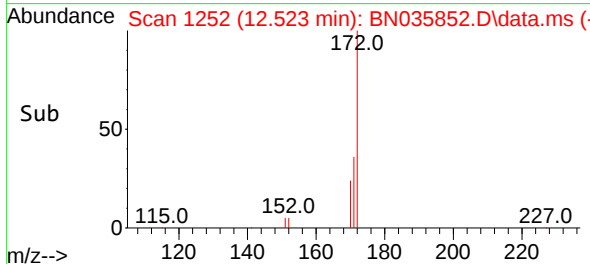
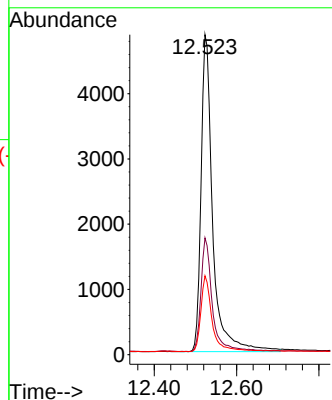
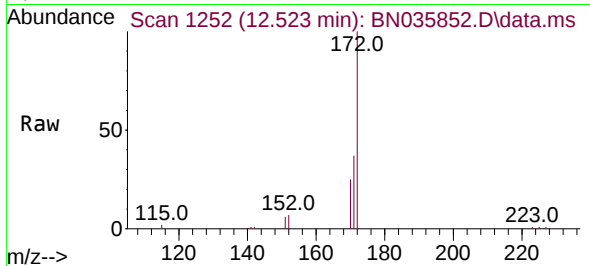




#15  
2-Fluorobiphenyl  
Concen: 0.394 ng  
RT: 12.523 min Scan# 11  
Delta R.T. -0.021 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

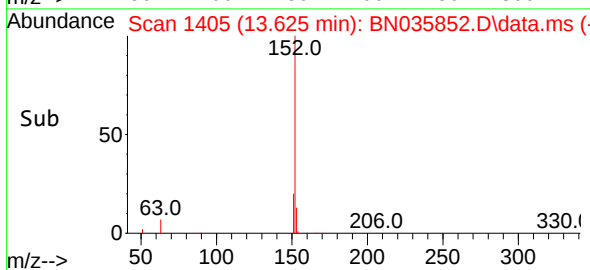
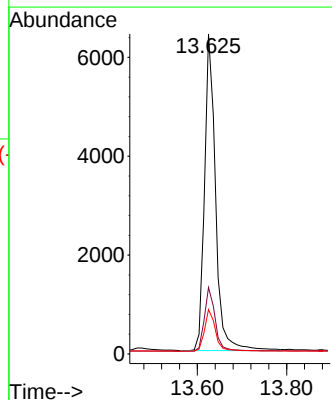
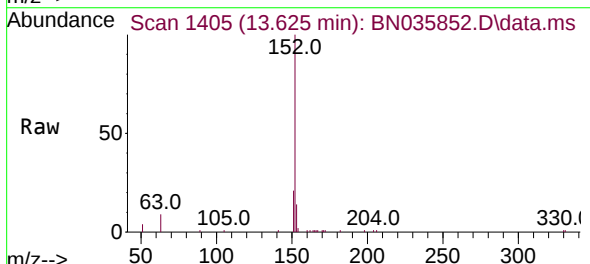
Instrument :  
BNA\_N  
ClientSampleId :  
PB165828BS

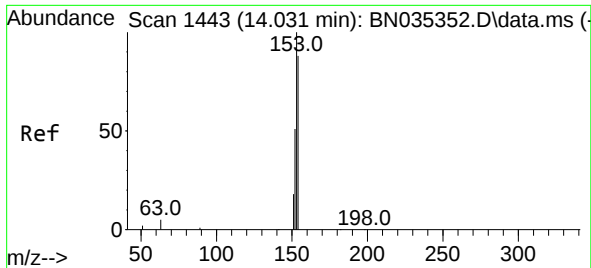
Tgt Ion:172 Resp: 9578  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.0 43.4  
170 24.6 19.8 29.8



#16  
Acenaphthylene  
Concen: 0.407 ng  
RT: 13.625 min Scan# 1405  
Delta R.T. -0.022 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

Tgt Ion:152 Resp: 10983  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.2  
153 13.3 10.4 15.6

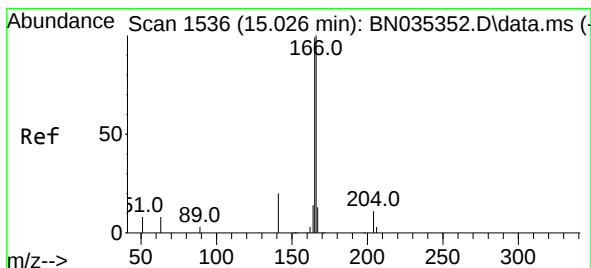
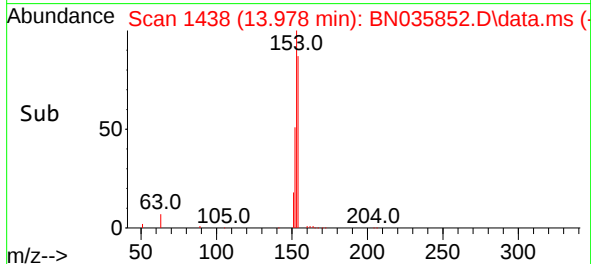
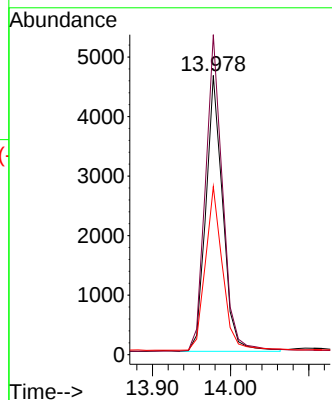
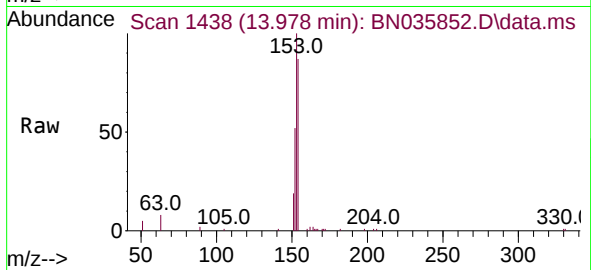




#17  
Acenaphthene  
Concen: 0.390 ng  
RT: 13.978 min Scan# 1443  
Delta R.T. -0.022 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

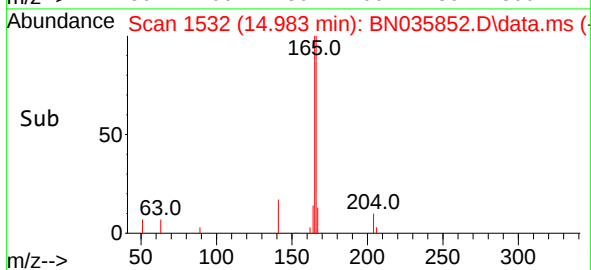
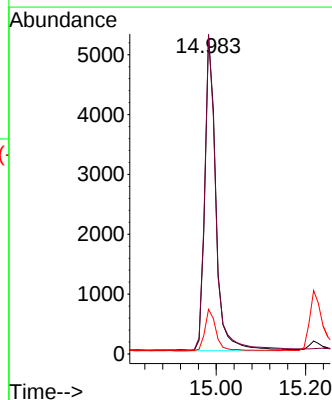
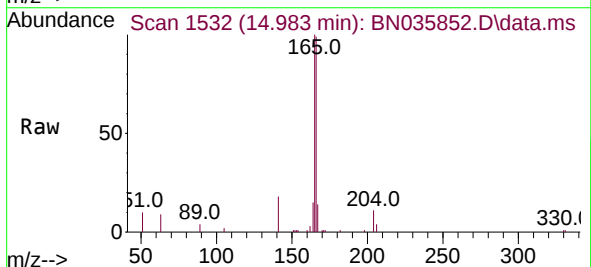
Instrument :  
BNA\_N  
ClientSampleId :  
PB165828BS

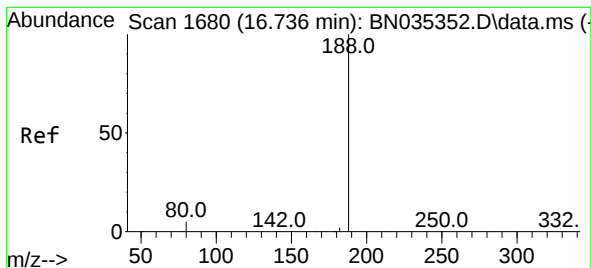
Tgt Ion:154 Resp: 6982  
Ion Ratio Lower Upper  
154 100  
153 117.4 92.6 139.0  
152 60.2 49.0 73.6



#18  
Fluorene  
Concen: 0.353 ng  
RT: 14.983 min Scan# 1532  
Delta R.T. -0.022 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

Tgt Ion:166 Resp: 9056  
Ion Ratio Lower Upper  
166 100  
165 99.5 79.7 119.5  
167 13.2 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.686 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN035852.D

Acq: 26 Dec 2024 14:19

Instrument :

BNA\_N

ClientSampleId :

PB165828BS

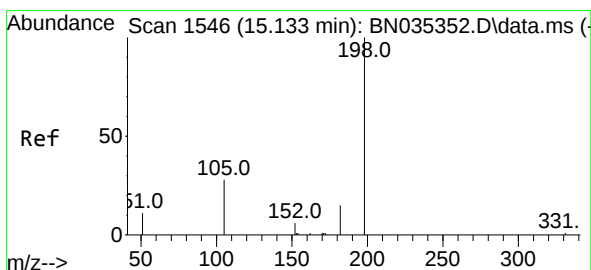
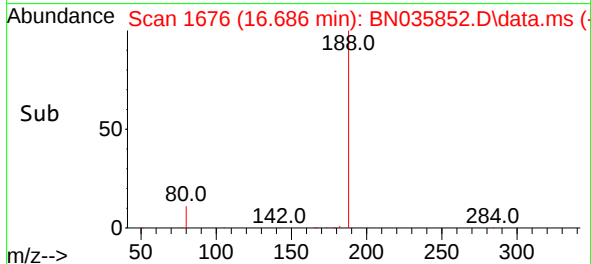
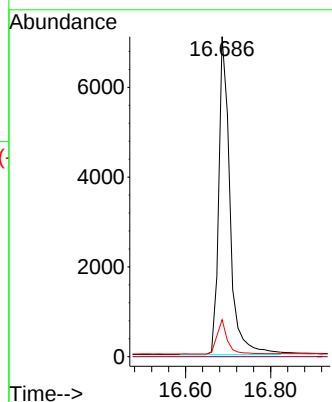
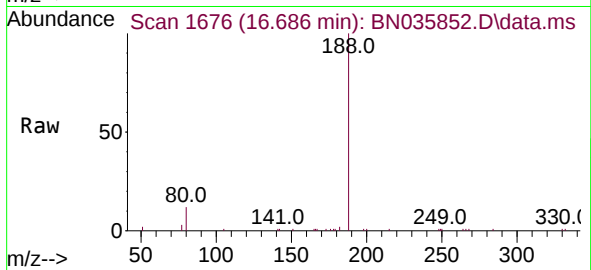
Tgt Ion:188 Resp: 13001

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.6 4.6 6.8#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.505 ng

RT: 15.111 min Scan# 1544

Delta R.T. -0.011 min

Lab File: BN035852.D

Acq: 26 Dec 2024 14:19

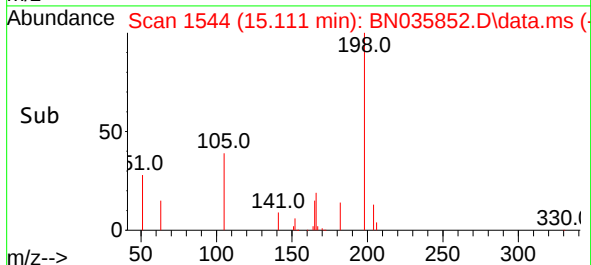
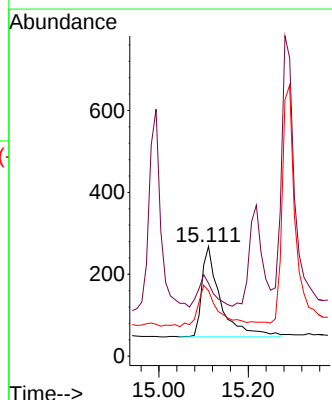
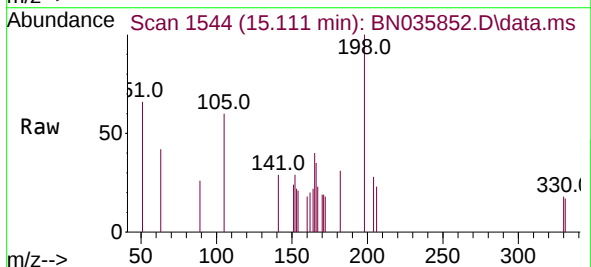
Tgt Ion:198 Resp: 645

Ion Ratio Lower Upper

198 100

51 66.4 46.5 69.7

105 59.7 45.3 67.9

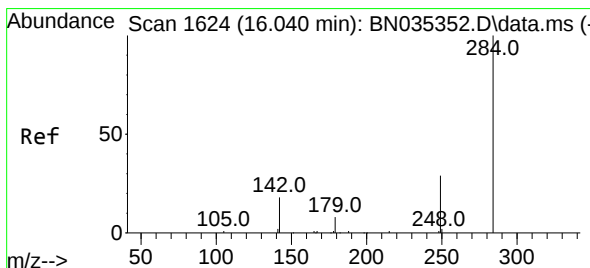
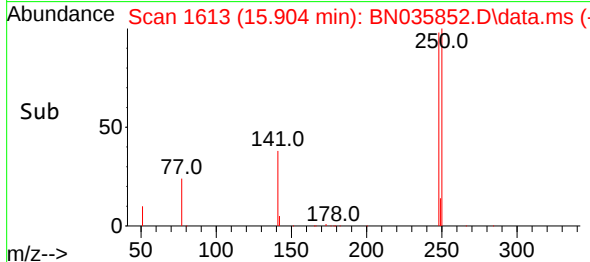
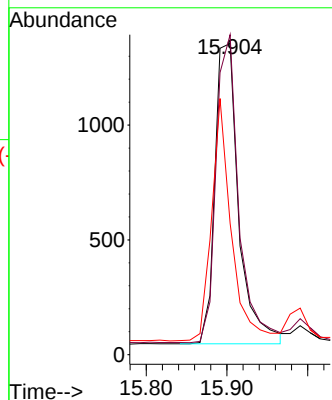
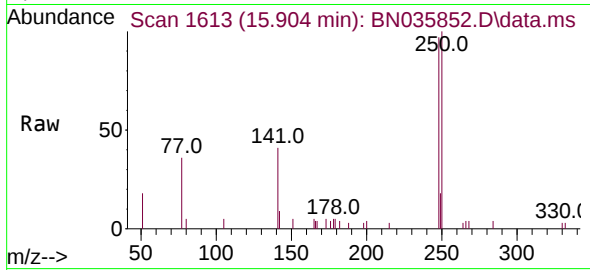




#21  
4-Bromophenyl-phenylether  
Concen: 0.353 ng  
RT: 15.904 min Scan# 1613  
Delta R.T. -0.013 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

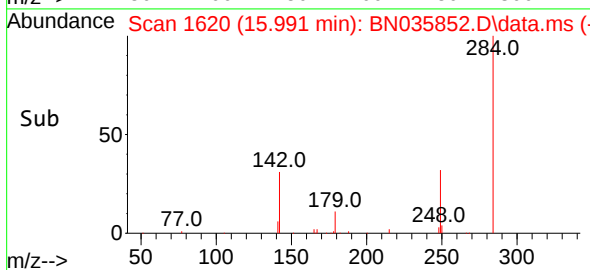
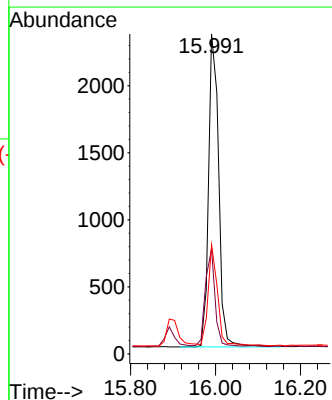
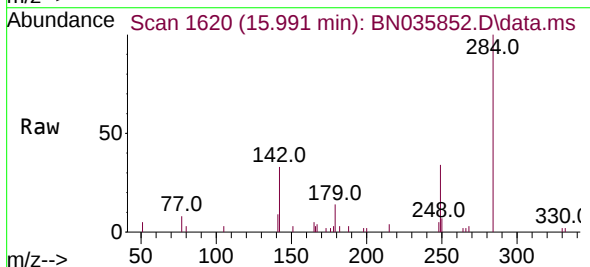
Instrument :  
BNA\_N  
ClientSampleId :  
PB165828BS

Tgt Ion:248 Resp: 2685  
Ion Ratio Lower Upper  
248 100  
250 102.8 80.6 120.8  
141 42.2 31.5 47.3



#22  
Hexachlorobenzene  
Concen: 0.432 ng  
RT: 15.991 min Scan# 1620  
Delta R.T. -0.025 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

Tgt Ion:284 Resp: 3862  
Ion Ratio Lower Upper  
284 100  
142 29.3 26.7 40.1  
249 30.2 24.6 36.8

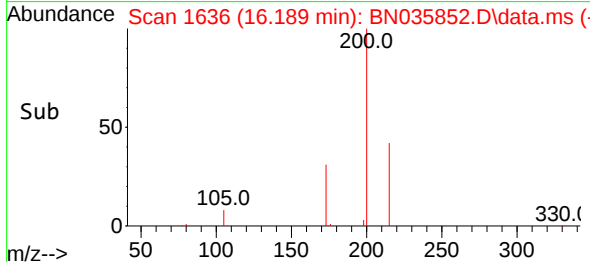
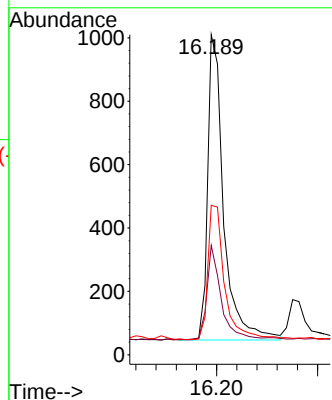
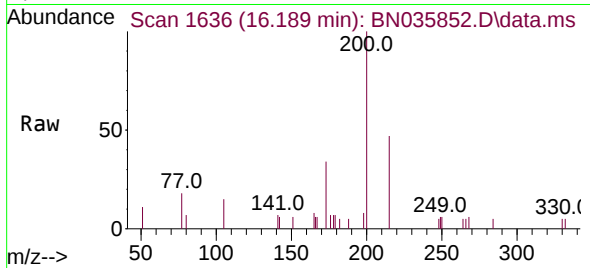




#23  
 Atrazine  
 Concen: 0.390 ng  
 RT: 16.189 min Scan# 1636  
 Delta R.T. -0.013 min  
 Lab File: BN035852.D  
 Acq: 26 Dec 2024 14:19

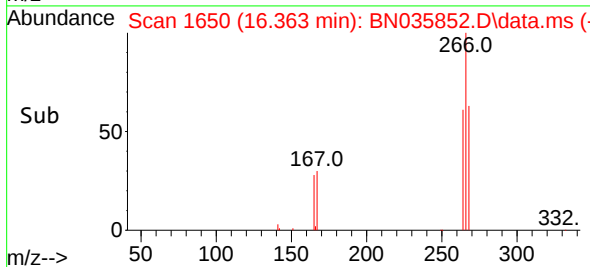
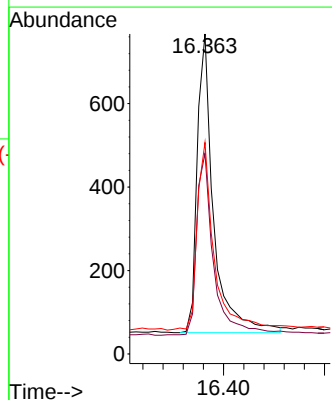
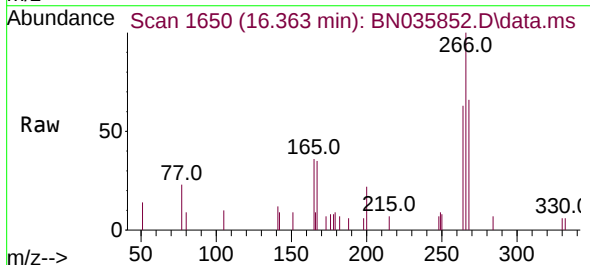
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB165828BS

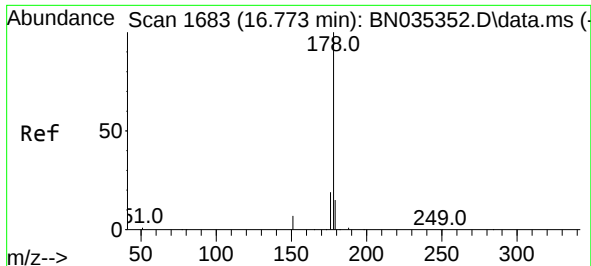
Tgt Ion:200 Resp: 2110  
 Ion Ratio Lower Upper  
 200 100  
 173 34.2 24.1 36.1  
 215 46.7 36.9 55.3



#24  
 Pentachlorophenol  
 Concen: 0.415 ng  
 RT: 16.363 min Scan# 1650  
 Delta R.T. -0.013 min  
 Lab File: BN035852.D  
 Acq: 26 Dec 2024 14:19

Tgt Ion:266 Resp: 1614  
 Ion Ratio Lower Upper  
 266 100  
 264 63.1 42.3 63.5  
 268 65.7 43.3 64.9#

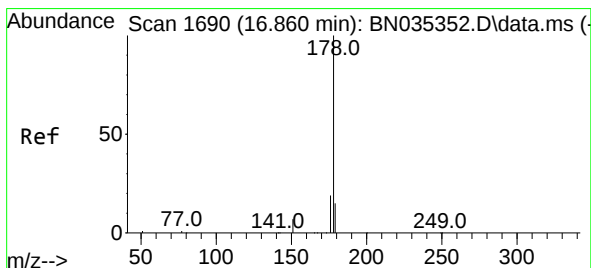
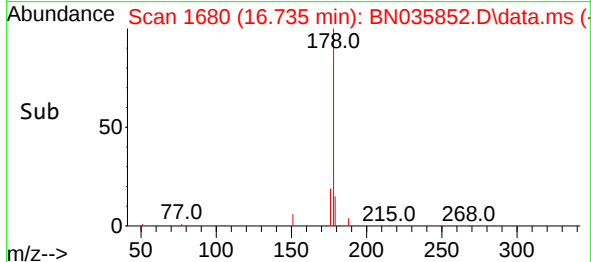
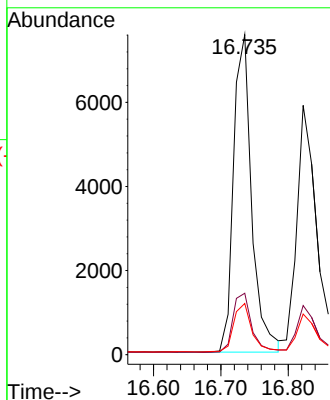
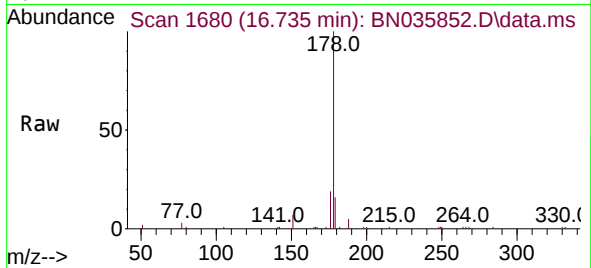




#25  
Phenanthrene  
Concen: 0.397 ng  
RT: 16.735 min Scan# 1683  
Delta R.T. -0.013 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

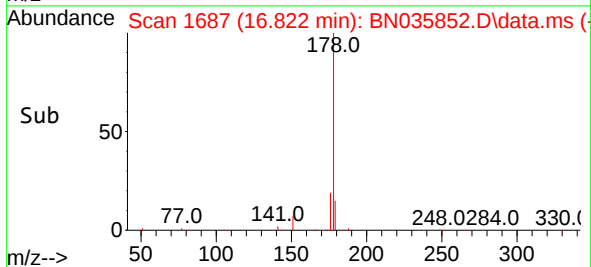
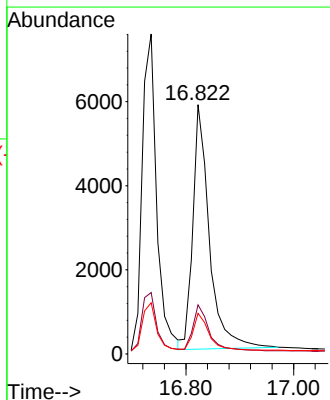
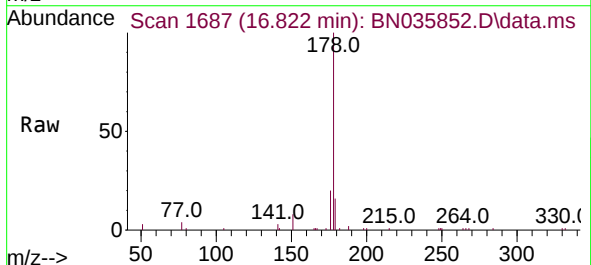
Instrument :  
BNA\_N  
ClientSampleId :  
PB165828BS

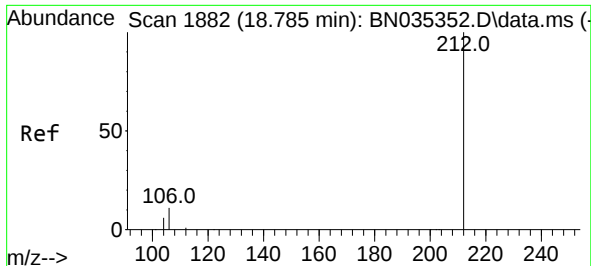
Tgt Ion:178 Resp: 14161  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 15.3 12.3 18.5



#26  
Anthracene  
Concen: 0.384 ng  
RT: 16.822 min Scan# 1687  
Delta R.T. -0.013 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

Tgt Ion:178 Resp: 12409  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.0 22.6  
179 14.9 12.6 18.8

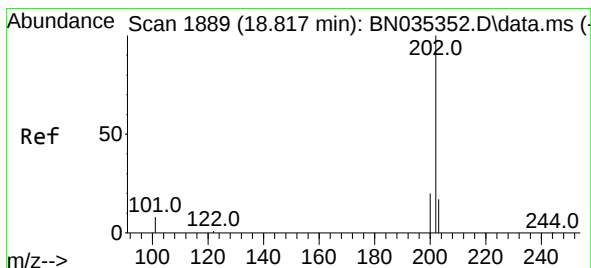
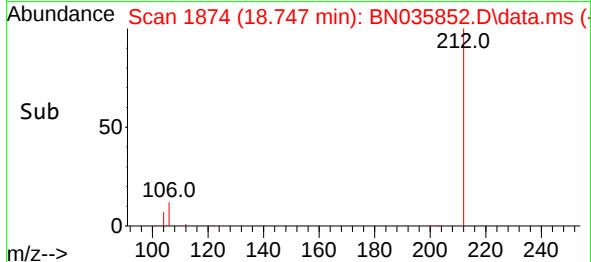
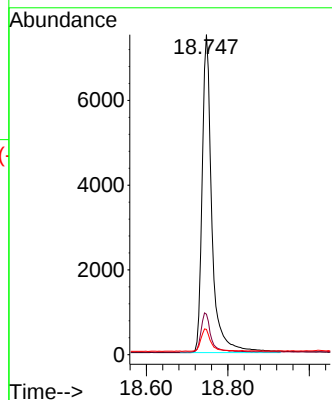
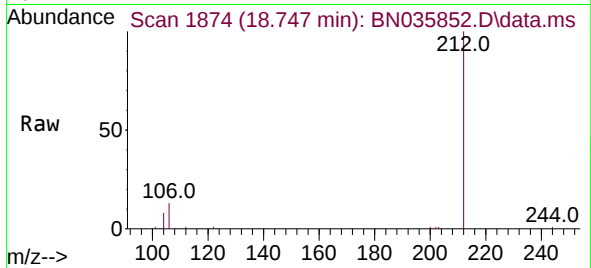




#27  
Fluoranthene-d10  
Concen: 0.339 ng  
RT: 18.747 min Scan# 1874  
Delta R.T. -0.014 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

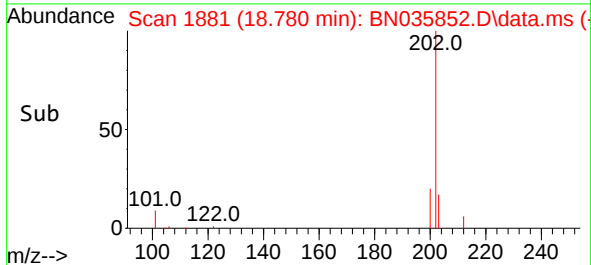
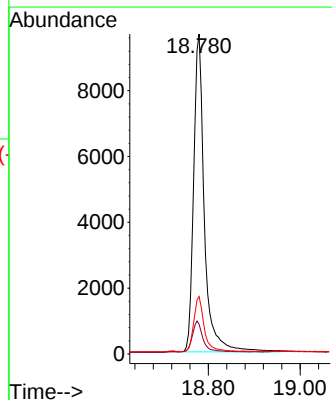
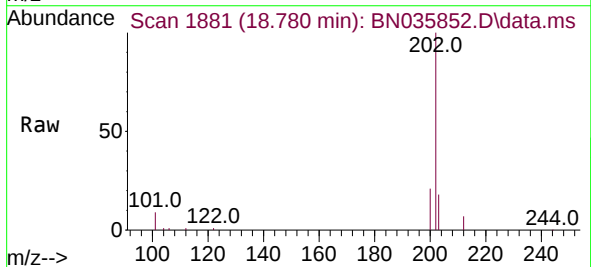
Instrument :  
BNA\_N  
ClientSampleId :  
PB165828BS

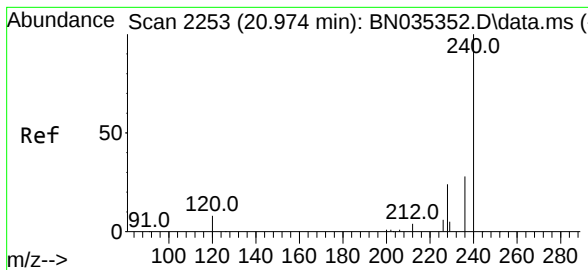
Tgt Ion:212 Resp: 12504  
Ion Ratio Lower Upper  
212 100  
106 12.6 9.2 13.8  
104 7.0 5.3 7.9



#28  
Fluoranthene  
Concen: 0.326 ng  
RT: 18.780 min Scan# 1881  
Delta R.T. -0.010 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

Tgt Ion:202 Resp: 15692  
Ion Ratio Lower Upper  
202 100  
101 9.5 7.4 11.0  
203 16.8 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.938 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN035852.D

Acq: 26 Dec 2024 14:19

Instrument :

BNA\_N

ClientSampleId :

PB165828BS

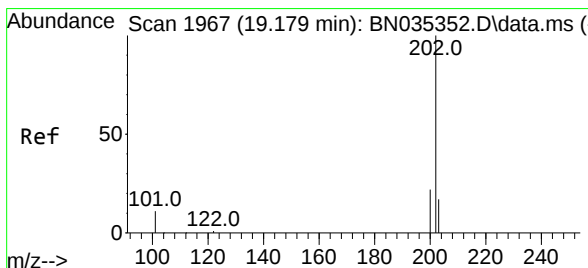
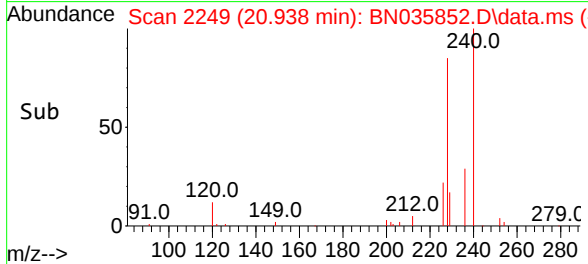
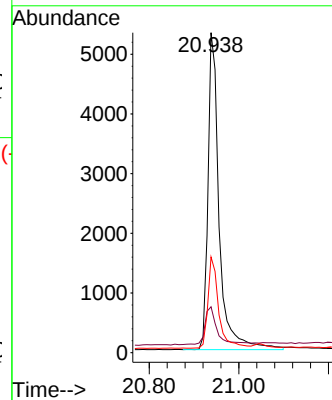
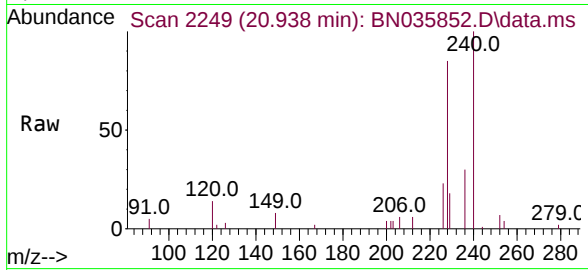
Tgt Ion:240 Resp: 9257

Ion Ratio Lower Upper

240 100

120 14.3 7.9 11.9#

236 29.9 22.9 34.3



#30

Pyrene

Concen: 0.466 ng

RT: 19.147 min Scan# 1960

Delta R.T. -0.014 min

Lab File: BN035852.D

Acq: 26 Dec 2024 14:19

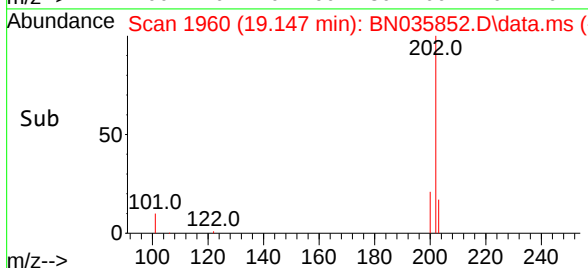
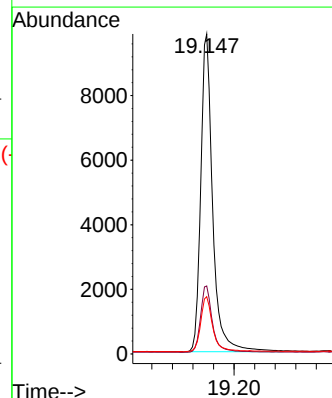
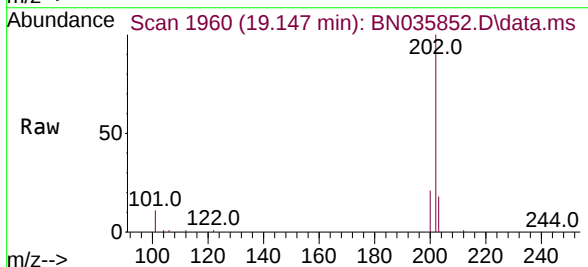
Tgt Ion:202 Resp: 15917

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.5 14.3 21.5

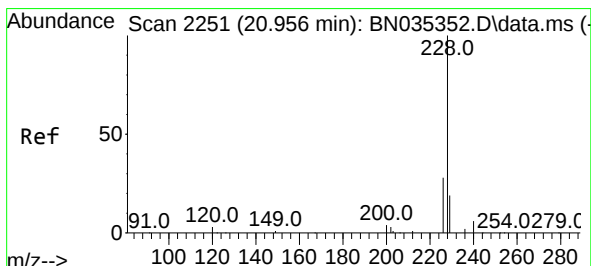
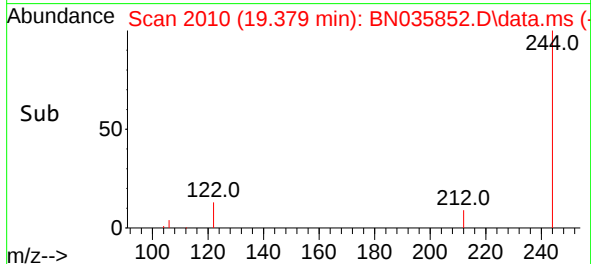
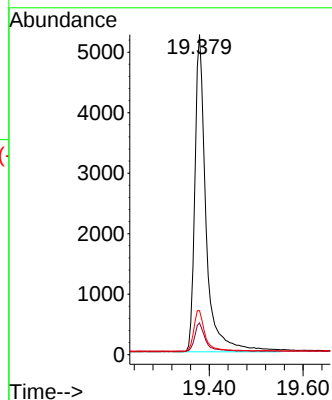
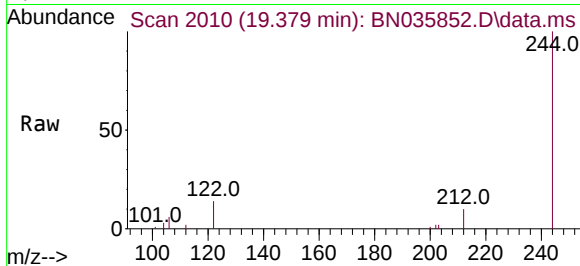




#31  
 Terphenyl-d14  
 Concen: 0.476 ng  
 RT: 19.379 min Scan# 2017  
 Delta R.T. -0.010 min  
 Lab File: BN035852.D  
 Acq: 26 Dec 2024 14:19

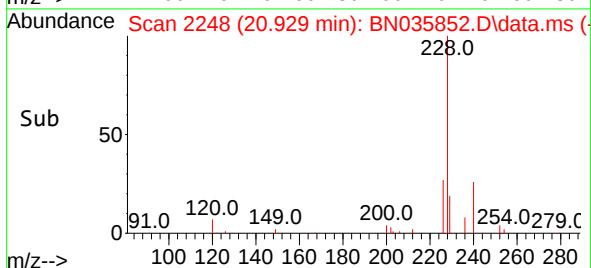
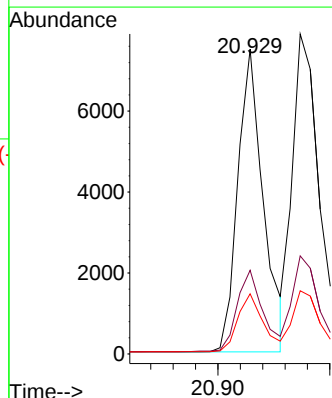
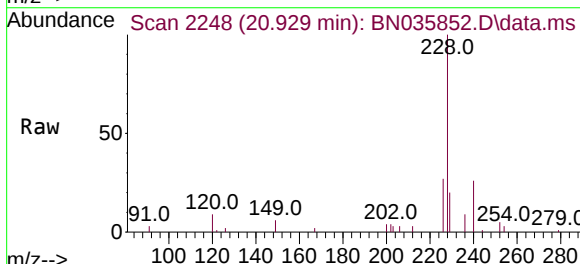
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB165828BS

Tgt Ion:244 Resp: 8698  
 Ion Ratio Lower Upper  
 244 100  
 212 9.9 8.1 12.1  
 122 13.7 10.3 15.5



#32  
 Benzo(a)anthracene  
 Concen: 0.365 ng  
 RT: 20.929 min Scan# 2248  
 Delta R.T. -0.009 min  
 Lab File: BN035852.D  
 Acq: 26 Dec 2024 14:19

Tgt Ion:228 Resp: 11832  
 Ion Ratio Lower Upper  
 228 100  
 226 27.5 22.5 33.7  
 229 19.7 15.8 23.8





#33

Chrysene

Concen: 0.426 ng

RT: 20.974 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN035852.D

Acq: 26 Dec 2024 14:19

Instrument :

BNA\_N

ClientSampleId :

PB165828BS

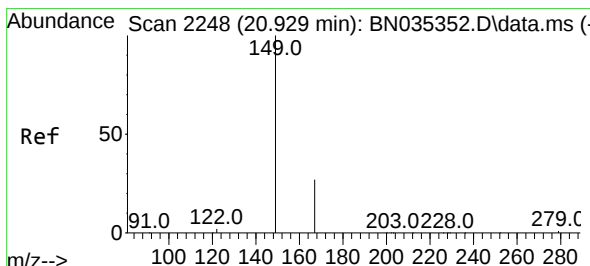
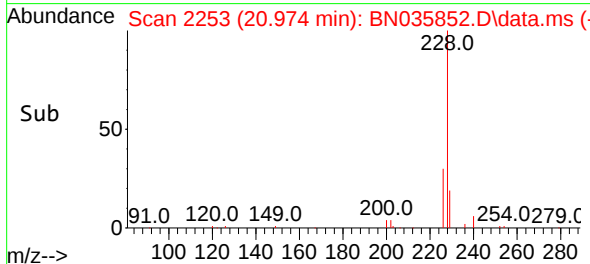
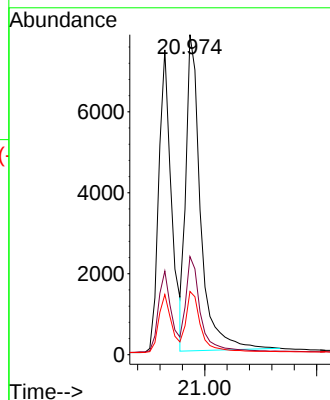
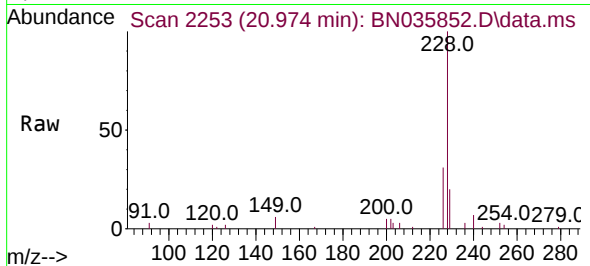
Tgt Ion:228 Resp: 14241

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 19.8 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.415 ng

RT: 20.893 min Scan# 2244

Delta R.T. -0.018 min

Lab File: BN035852.D

Acq: 26 Dec 2024 14:19

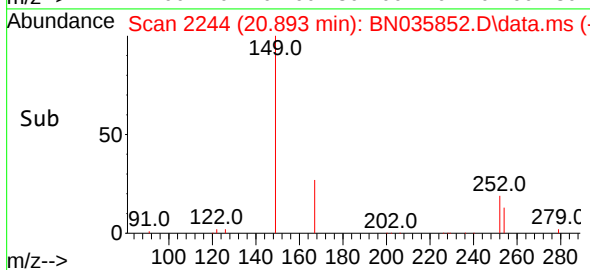
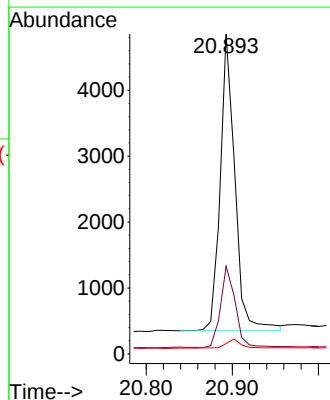
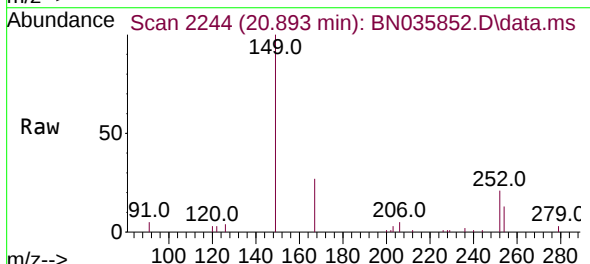
Tgt Ion:149 Resp: 5313

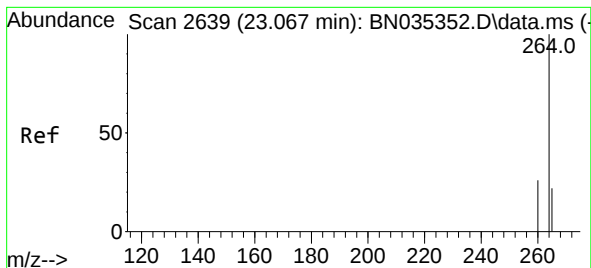
Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.4

279 3.3 2.7 4.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.023 min Scan# 2

Delta R.T. -0.018 min

Lab File: BN035852.D

Acq: 26 Dec 2024 14:19

Instrument :

BNA\_N

ClientSampleId :

PB165828BS

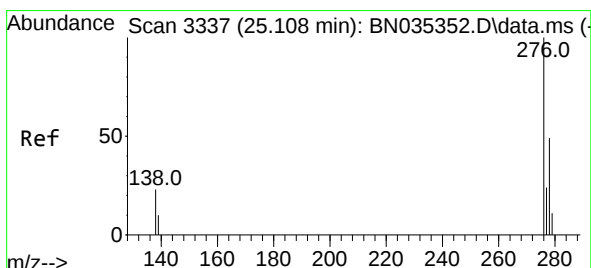
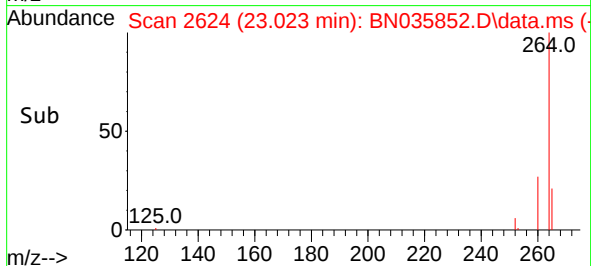
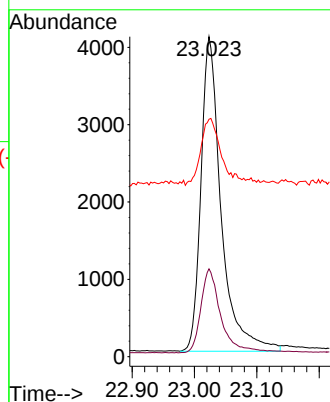
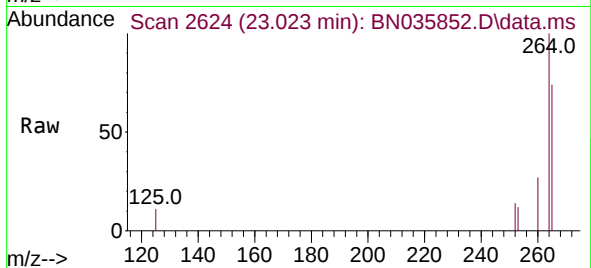
Tgt Ion:264 Resp: 9148

Ion Ratio Lower Upper

264 100

260 27.5 21.4 32.2

265 74.2 40.2 60.4#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.435 ng

RT: 25.044 min Scan# 3315

Delta R.T. -0.024 min

Lab File: BN035852.D

Acq: 26 Dec 2024 14:19

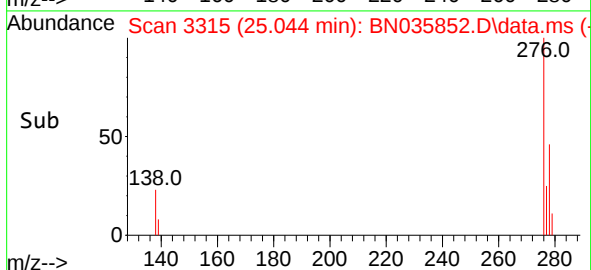
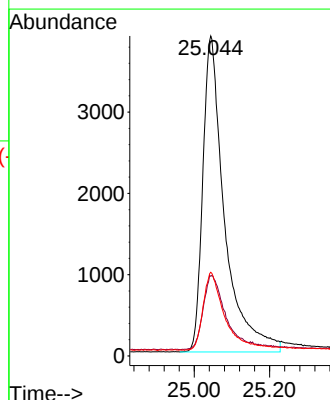
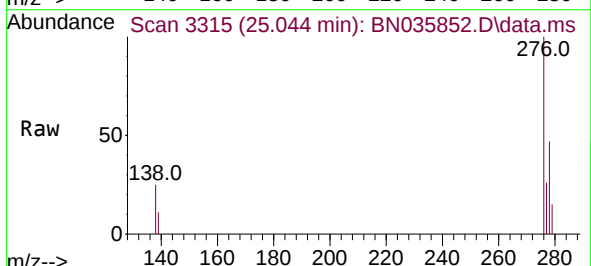
Tgt Ion:276 Resp: 15551

Ion Ratio Lower Upper

276 100

138 23.9 19.4 29.0

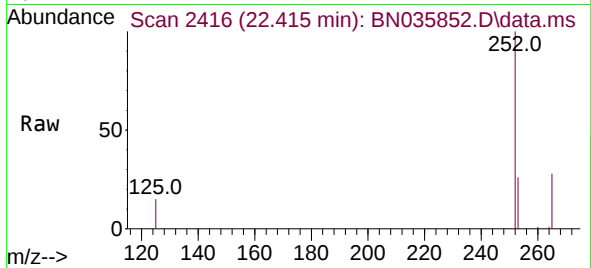
277 24.9 19.8 29.6



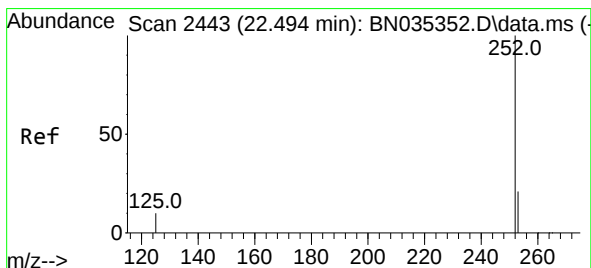
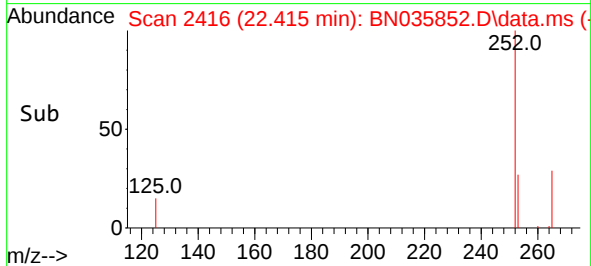
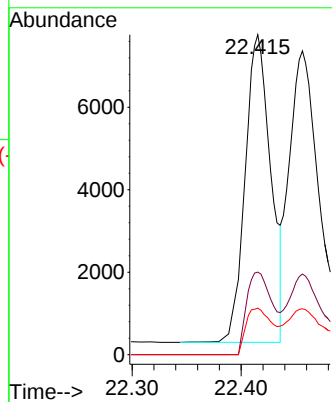


#37  
Benzo(b)fluoranthene  
Concen: 0.581 ng  
RT: 22.415 min Scan# 2416  
Delta R.T. -0.015 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

Instrument :  
BNA\_N  
ClientSampleId :  
PB165828BS

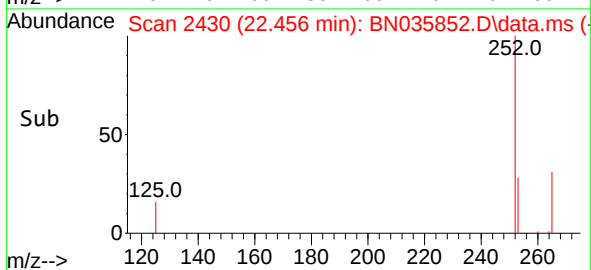
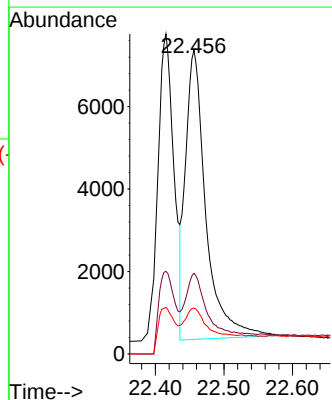
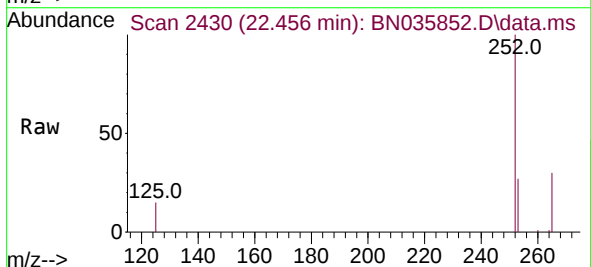


Tgt Ion:252 Resp: 19434  
Ion Ratio Lower Upper  
252 100  
253 25.8 19.6 29.4  
125 14.5 9.6 14.4#



#38  
Benzo(k)fluoranthene  
Concen: 0.439 ng  
RT: 22.456 min Scan# 2430  
Delta R.T. -0.015 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

Tgt Ion:252 Resp: 14469  
Ion Ratio Lower Upper  
252 100  
253 26.5 19.5 29.3  
125 15.1 10.2 15.4





#39

Benzo(a)pyrene

Concen: 0.422 ng

RT: 22.936 min Scan# 21

Delta R.T. -0.015 min

Lab File: BN035852.D

Acq: 26 Dec 2024 14:19

Instrument :

BNA\_N

ClientSampleId :

PB165828BS

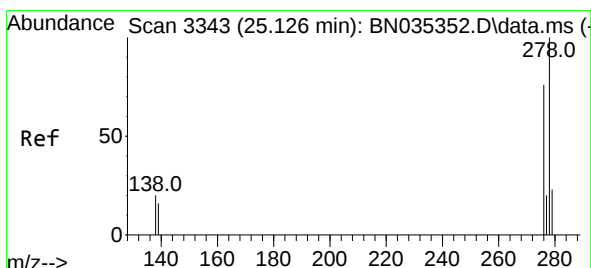
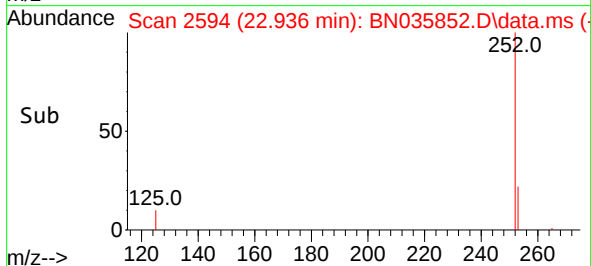
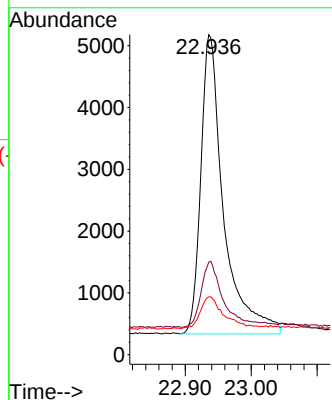
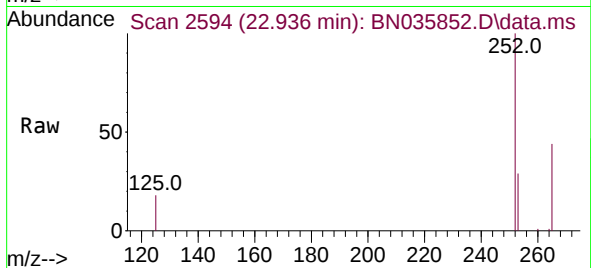
Tgt Ion:252 Resp: 11624

Ion Ratio Lower Upper

252 100

253 29.0 20.2 30.4

125 18.0 10.9 16.3#



#40

Dibenzo(a,h)anthracene

Concen: 0.414 ng

RT: 25.061 min Scan# 3321

Delta R.T. -0.021 min

Lab File: BN035852.D

Acq: 26 Dec 2024 14:19

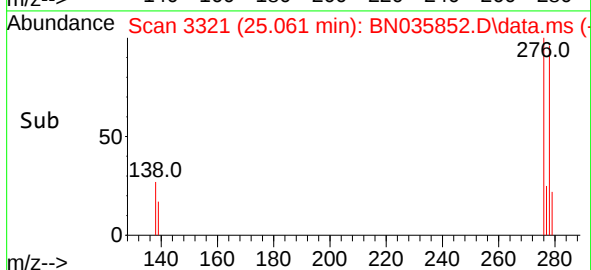
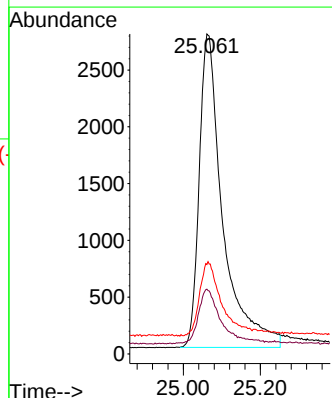
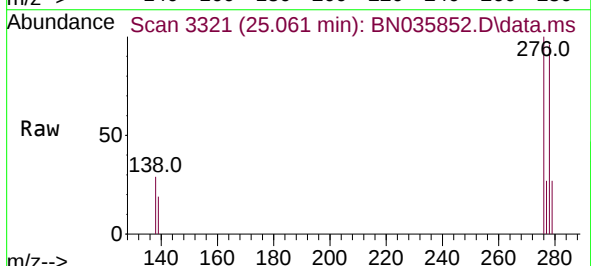
Tgt Ion:278 Resp: 11696

Ion Ratio Lower Upper

278 100

139 20.2 14.2 21.4

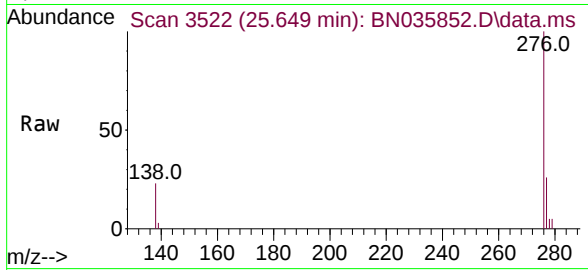
279 28.0 20.5 30.7





#41  
Benzo(g,h,i)perylene  
Concen: 0.431 ng  
RT: 25.649 min Scan# 31  
Delta R.T. -0.029 min  
Lab File: BN035852.D  
Acq: 26 Dec 2024 14:19

Instrument :  
BNA\_N  
ClientSampleId :  
PB165828BS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 12710 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 25.6  | 19.9  | 29.9  |
| 138      | 23.2  | 17.8  | 26.8  |

