

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122623\  
 Data File : BN029192.D  
 Acq On : 26 Dec 2023 14:47  
 Operator : MA/JU  
 Sample : PB158020BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158020BS

Quant Time: Dec 26 15:17:04 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 23 03:51:02 2023  
 Response via : Initial Calibration

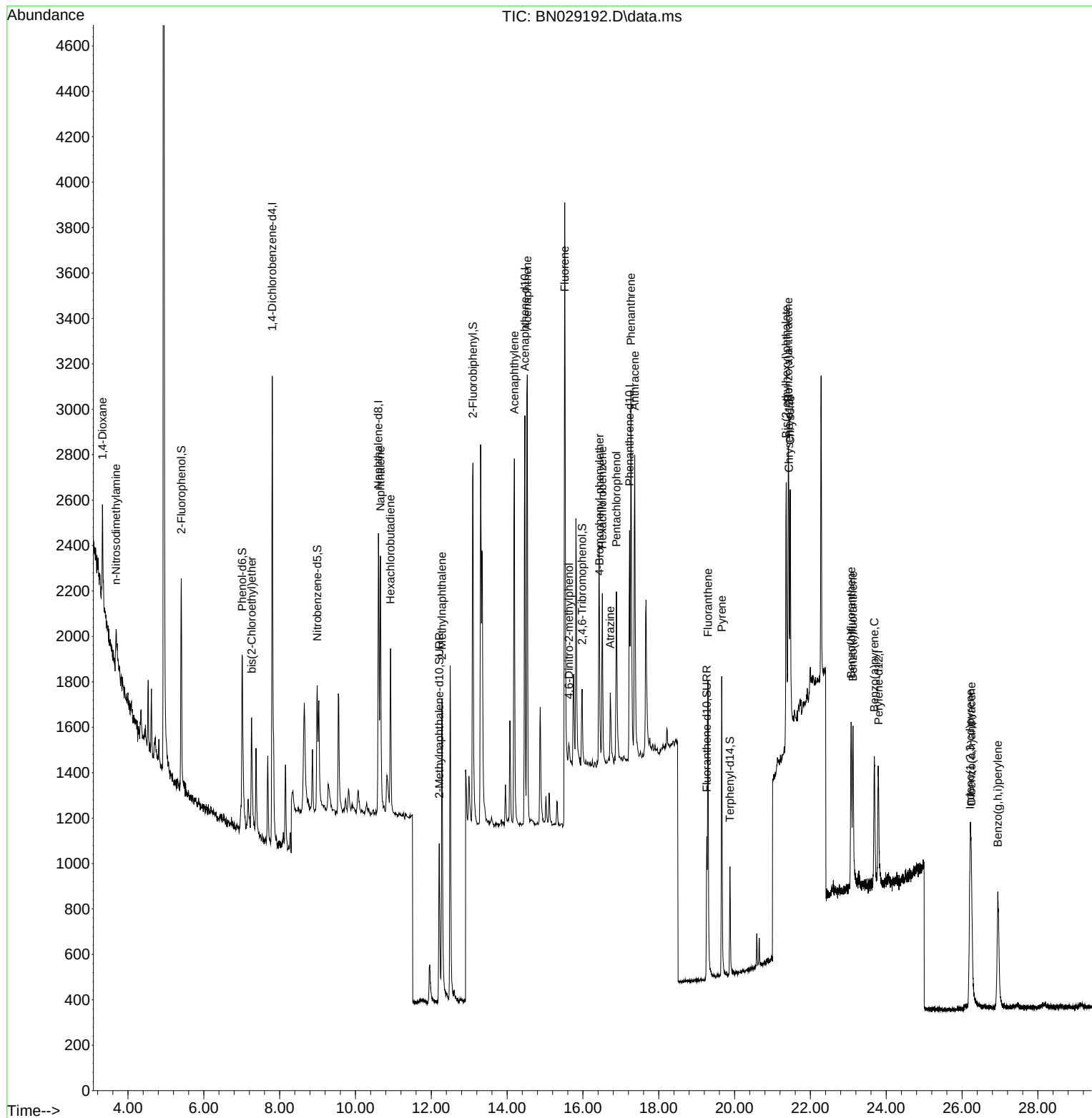
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.804  | 152  | 1095     | 0.400 | ng    | 0.02     |
| 7) Naphthalene-d8             | 10.605 | 136  | 2037     | 0.400 | ng    | # 0.03   |
| 13) Acenaphthene-d10          | 14.468 | 164  | 1108     | 0.400 | ng    | 0.04     |
| 19) Phenanthrene-d10          | 17.231 | 188  | 1675     | 0.400 | ng    | 0.05     |
| 29) Chrysene-d12              | 21.434 | 240  | 592      | 0.400 | ng    | 0.05     |
| 35) Perylene-d12              | 23.796 | 264  | 777      | 0.400 | ng    | 0.09     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.406  | 112  | 832      | 0.333 | ng    | 0.02     |
| 5) Phenol-d6                  | 7.009  | 99   | 912      | 0.325 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 8.993  | 82   | 703      | 0.277 | ng    | 0.03     |
| 11) 2-Methylnaphthalene-d10   | 12.212 | 152  | 1317     | 0.395 | ng    | 0.05     |
| 14) 2,4,6-Tribromophenol      | 15.977 | 330  | 226      | 0.278 | ng    | 0.05     |
| 15) 2-Fluorobiphenyl          | 13.100 | 172  | 1801     | 0.287 | ng    | 0.04     |
| 27) Fluoranthene-d10          | 19.266 | 212  | 824      | 0.236 | ng    | 0.05     |
| 31) Terphenyl-d14             | 19.880 | 244  | 505      | 0.293 | ng    | 0.05     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.326  | 88   | 354      | 0.366 | ng    | # 10     |
| 3) n-Nitrosodimethylamine     | 3.687  | 42   | 210      | 0.290 | ng    | 80       |
| 6) bis(2-Chloroethyl)ether    | 7.262  | 93   | 526      | 0.267 | ng    | 98       |
| 9) Naphthalene                | 10.658 | 128  | 1649     | 0.262 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.925 | 225  | 473      | 0.244 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.280 | 142  | 1152     | 0.258 | ng    | 99       |
| 16) Acenaphthylene            | 14.190 | 152  | 2022     | 0.276 | ng    | 98       |
| 17) Acenaphthene              | 14.532 | 154  | 1123     | 0.250 | ng    | 99       |
| 18) Fluorene                  | 15.518 | 166  | 1475     | 0.233 | ng    | 96       |
| 20) 4,6-Dinitro-2-methylph... | 15.629 | 198  | 139      | 0.364 | ng    | 98       |
| 21) 4-Bromophenyl-phenylether | 16.436 | 248  | 387      | 0.246 | ng    | # 70     |
| 22) Hexachlorobenzene         | 16.511 | 284  | 465      | 0.250 | ng    | 97       |
| 23) Atrazine                  | 16.722 | 200  | 370      | 0.258 | ng    | # 86     |
| 24) Pentachlorophenol         | 16.883 | 266  | 474      | 0.439 | ng    | 96       |
| 25) Phenanthrene              | 17.268 | 178  | 1968     | 0.268 | ng    | 99       |
| 26) Anthracene                | 17.367 | 178  | 1841     | 0.261 | ng    | 98       |
| 28) Fluoranthene              | 19.299 | 202  | 1458     | 0.222 | ng    | 99       |
| 30) Pyrene                    | 19.661 | 202  | 1438     | 0.258 | ng    | 97       |
| 32) Benzo(a)anthracene        | 21.416 | 228  | 983      | 0.292 | ng    | 99       |
| 33) Chrysene                  | 21.469 | 228  | 971      | 0.297 | ng    | # 96     |
| 34) Bis(2-ethylhexyl)phtha... | 21.362 | 149  | 1219     | 0.285 | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.211 | 276  | 1463     | 0.279 | ng    | # 95     |
| 37) Benzo(b)fluoranthene      | 23.076 | 252  | 1138     | 0.279 | ng    | 95       |
| 38) Benzo(k)fluoranthene      | 23.123 | 252  | 1115     | 0.264 | ng    | 91       |
| 39) Benzo(a)pyrene            | 23.688 | 252  | 999      | 0.268 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 26.246 | 278  | 1070     | 0.269 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.945 | 276  | 1209     | 0.271 | ng    | 95       |
| -----                         |        |      |          |       |       |          |

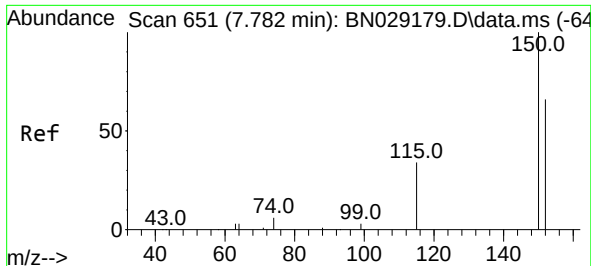
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122623\  
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Sample : PB158020BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 23 03:51:02 2023  
Response via : Initial Calibration

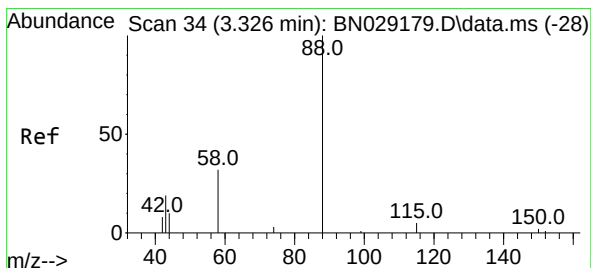
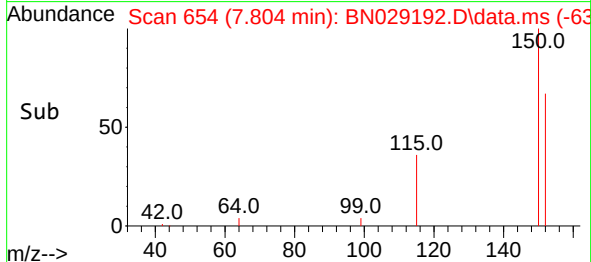
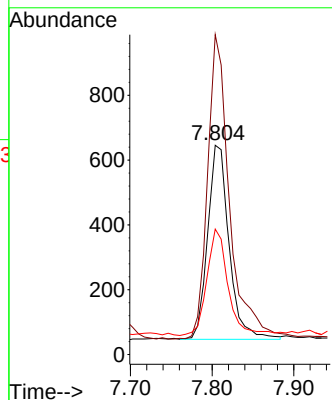
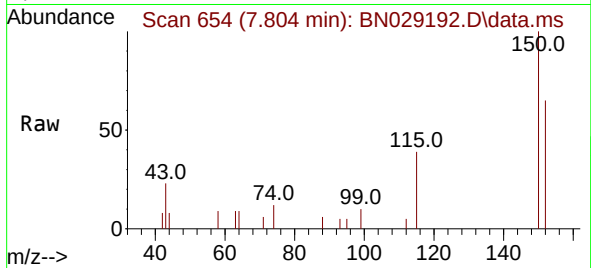




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.804 min Scan# 61  
 Delta R.T. 0.022 min  
 Lab File: BN029192.D  
 Acq: 26 Dec 2023 14:47

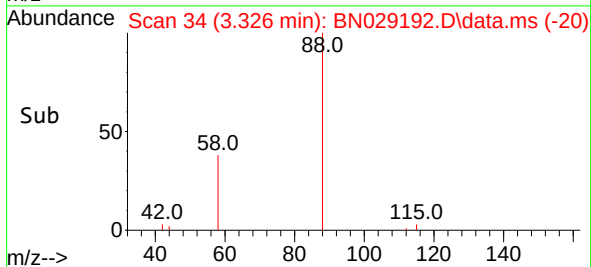
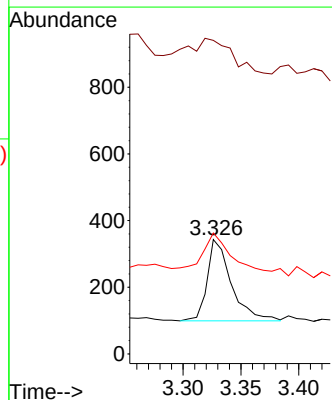
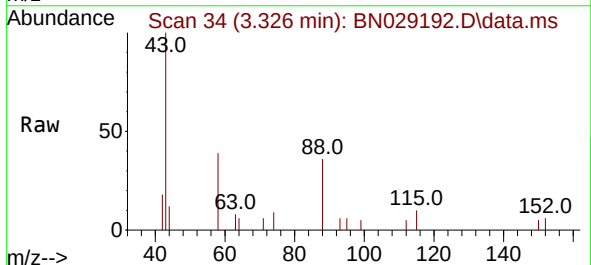
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158020BS

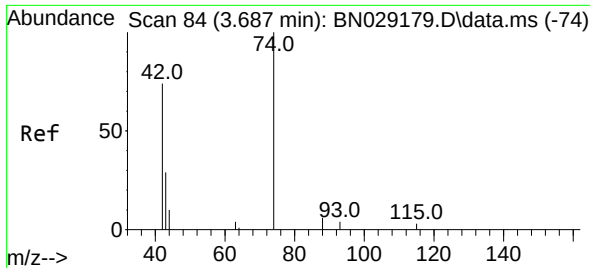
Tgt Ion:152 Resp: 1095  
 Ion Ratio Lower Upper  
 152 100  
 150 152.8 117.5 176.3  
 115 59.9 46.3 69.5



#2  
 1,4-Dioxane  
 Concen: 0.366 ng  
 RT: 3.326 min Scan# 34  
 Delta R.T. 0.000 min  
 Lab File: BN029192.D  
 Acq: 26 Dec 2023 14:47

Tgt Ion: 88 Resp: 354  
 Ion Ratio Lower Upper  
 88 100  
 43 88.7 19.1 28.7#  
 58 71.8 28.2 42.4#

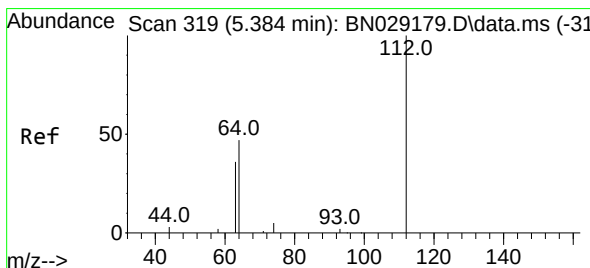
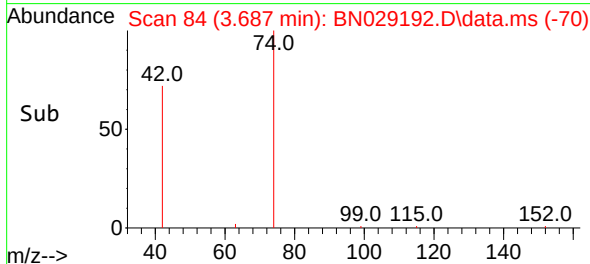
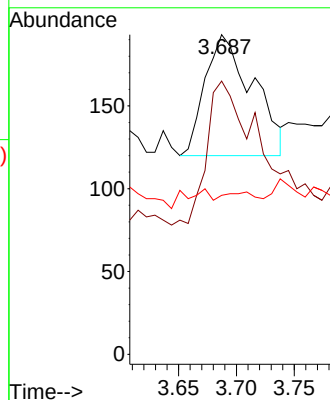
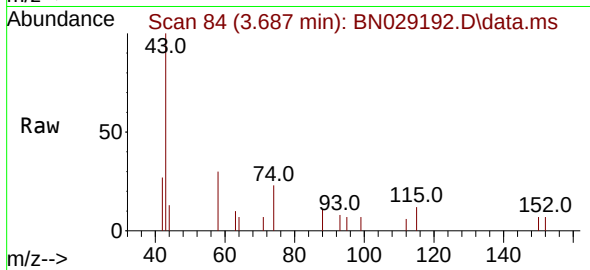




#3  
 n-Nitrosodimethylamine  
 Concen: 0.290 ng  
 RT: 3.687 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: BN029192.D  
 Acq: 26 Dec 2023 14:47

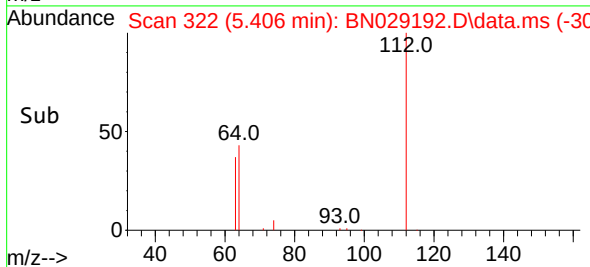
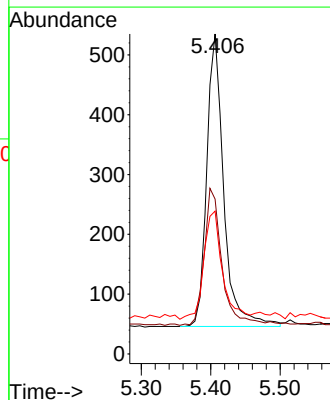
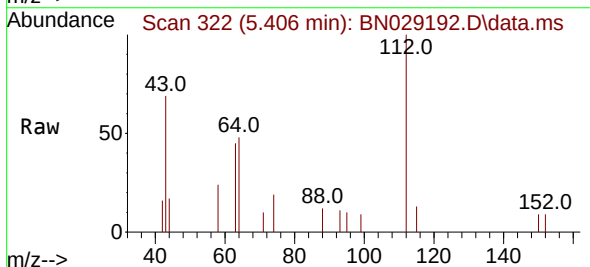
Instrument :  
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 ClientSampleId :  
 PB158020BS

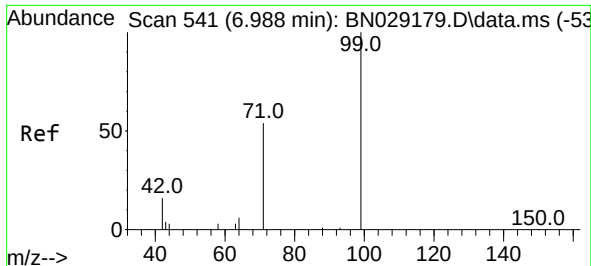
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 210   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 142.4 | 95.1  | 142.7 |
| 44       | 8.6   | 7.6   | 11.4  |



#4  
 2-Fluorophenol  
 Concen: 0.333 ng  
 RT: 5.406 min Scan# 322  
 Delta R.T. 0.022 min  
 Lab File: BN029192.D  
 Acq: 26 Dec 2023 14:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 832   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 49.4  | 37.8  | 56.6  |
| 63       | 40.3  | 29.4  | 44.0  |

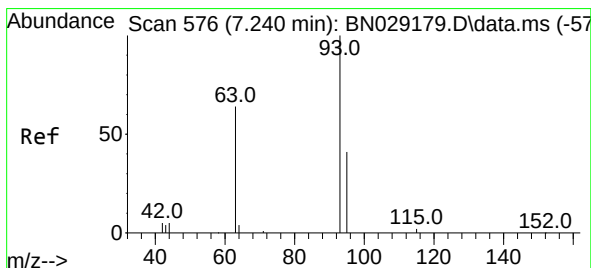
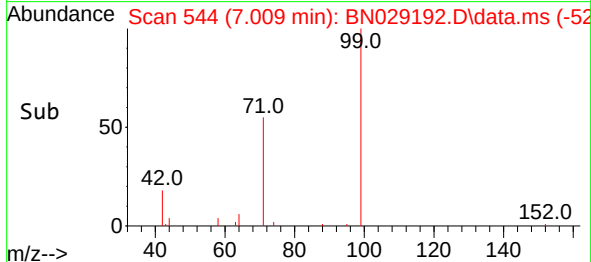
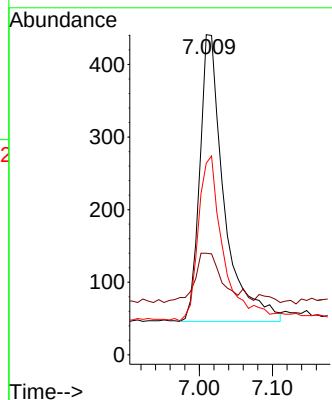
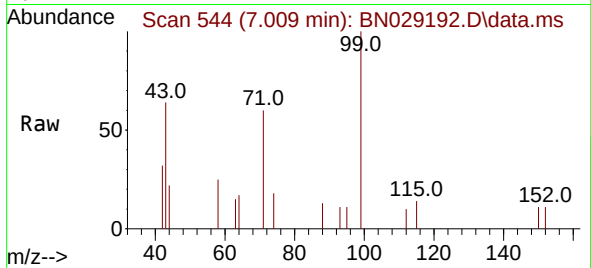




#5  
Phenol-d6  
Concen: 0.325 ng  
RT: 7.009 min Scan# 541  
Delta R.T. 0.022 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

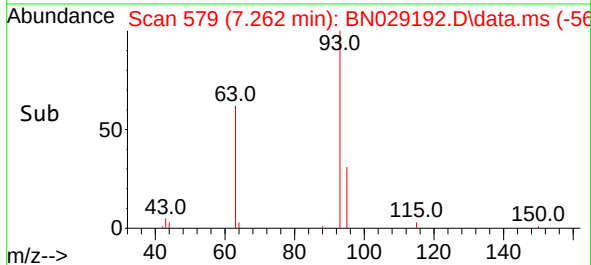
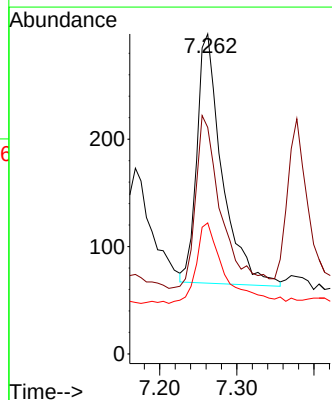
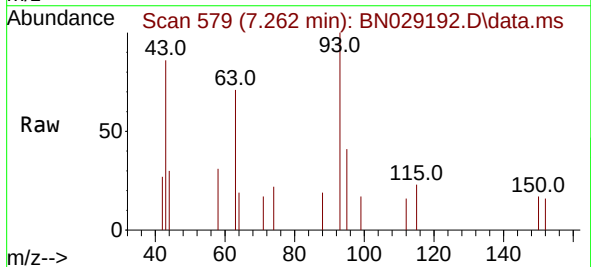
Instrument :  
BNA\_N  
ClientSampleId :  
PB158020BS

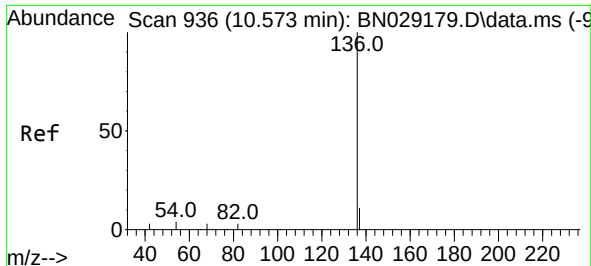
Tgt Ion: 99 Resp: 912  
Ion Ratio Lower Upper  
99 100  
42 20.1 16.8 25.2  
71 59.3 43.4 65.2



#6  
bis(2-Chloroethyl)ether  
Concen: 0.267 ng  
RT: 7.262 min Scan# 579  
Delta R.T. 0.022 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

Tgt Ion: 93 Resp: 526  
Ion Ratio Lower Upper  
93 100  
63 71.1 58.4 87.6  
95 36.1 29.2 43.8

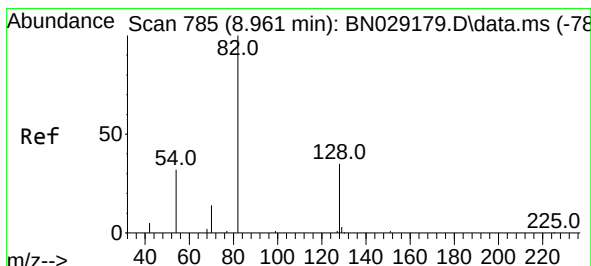
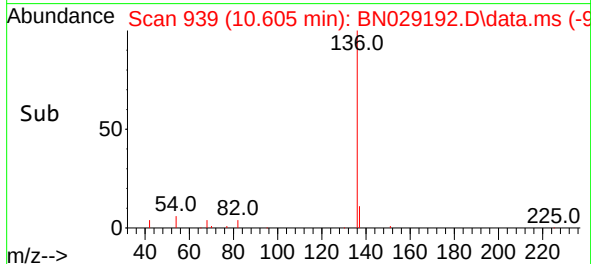
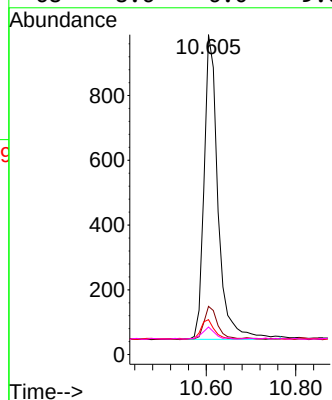
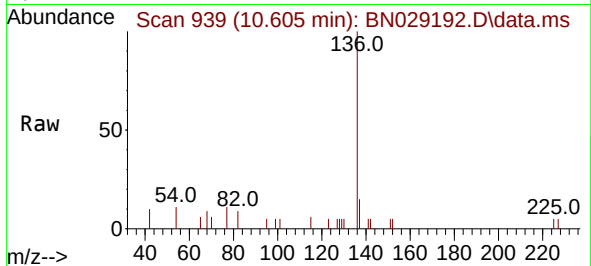




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.605 min Scan# 91  
Delta R.T. 0.032 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

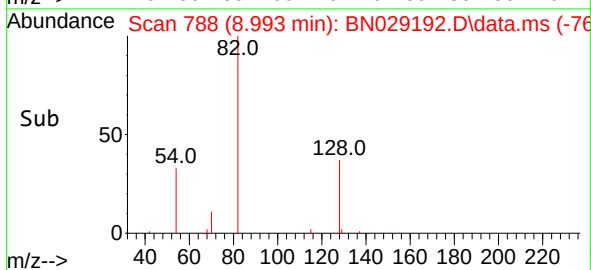
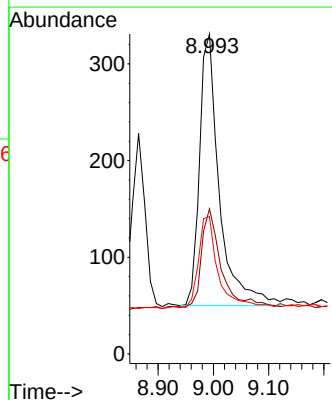
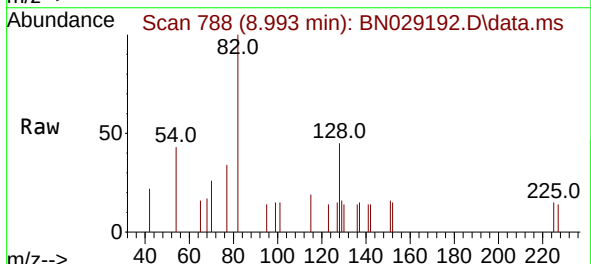
Instrument :  
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ClientSampleId :  
PB158020BS

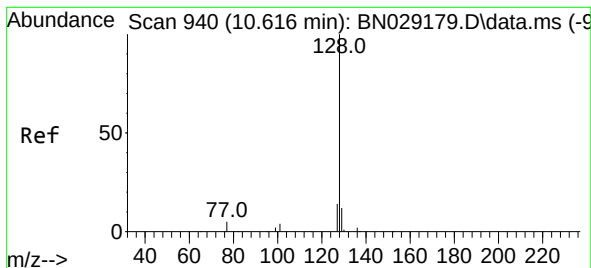
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2037  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 15.1  | 12.1  | 18.1  |
| 54       | 10.9  | 7.2   | 10.8  |
| 68       | 8.6   | 6.0   | 9.0   |



#8  
Nitrobenzene-d5  
Concen: 0.277 ng  
RT: 8.993 min Scan# 788  
Delta R.T. 0.032 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 703   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 45.3  | 34.5  | 51.7  |
| 54       | 42.9  | 33.4  | 50.0  |





#9

Naphthalene

Concen: 0.262 ng

RT: 10.658 min Scan# 944

Delta R.T. 0.043 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA\_N

ClientSampleId :

PB158020BS

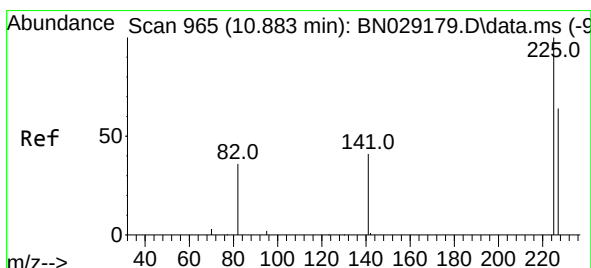
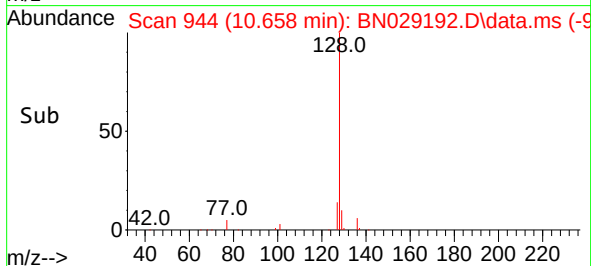
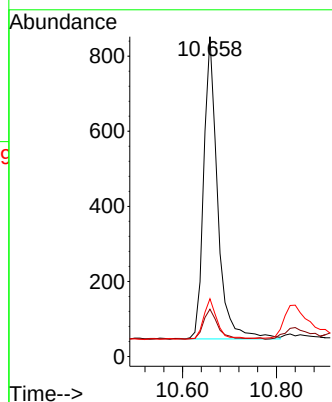
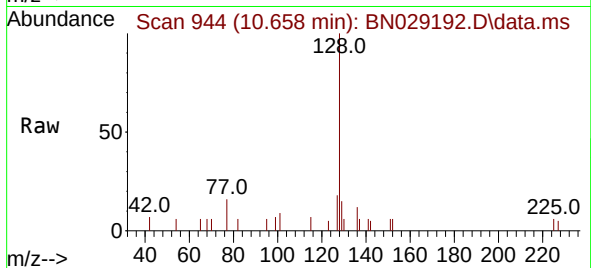
Tgt Ion:128 Resp: 1649

Ion Ratio Lower Upper

128 100

129 14.8 13.0 19.6

127 18.1 14.4 21.6



#10

Hexachlorobutadiene

Concen: 0.244 ng

RT: 10.925 min Scan# 969

Delta R.T. 0.043 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

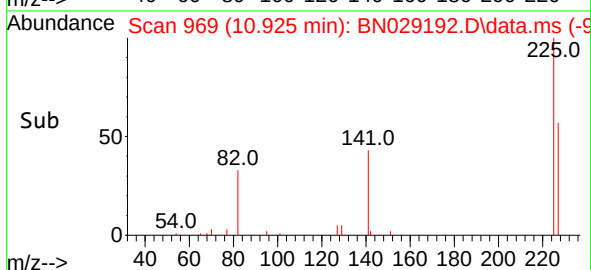
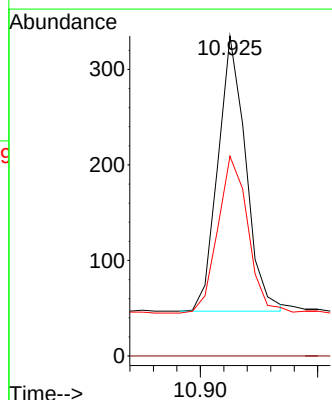
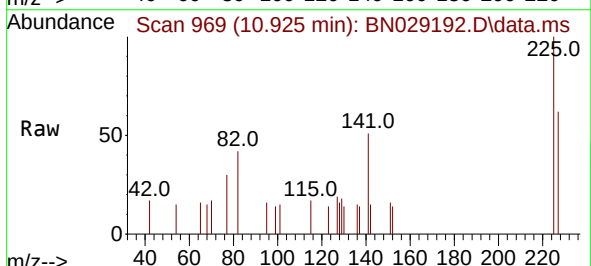
Tgt Ion:225 Resp: 473

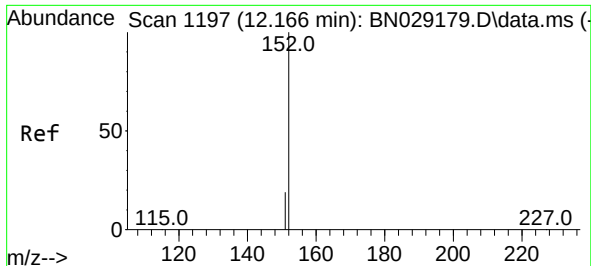
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 61.7 50.4 75.6

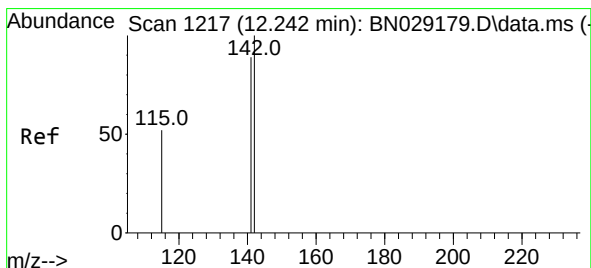
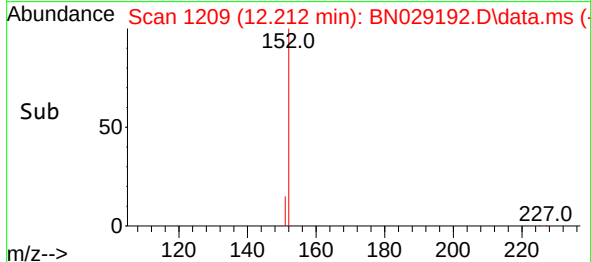
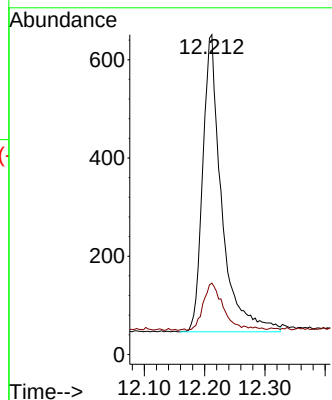
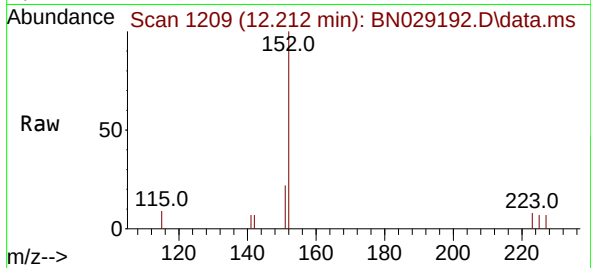




#11  
2-Methylnaphthalene-d10  
Concen: 0.395 ng  
RT: 12.212 min Scan# 1197  
Delta R.T. 0.045 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

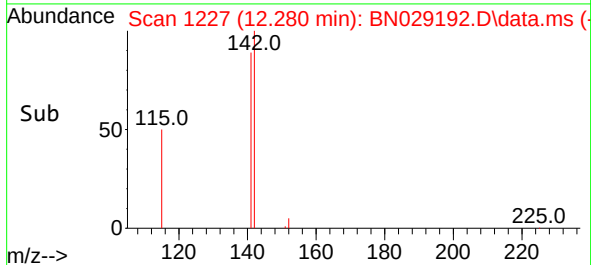
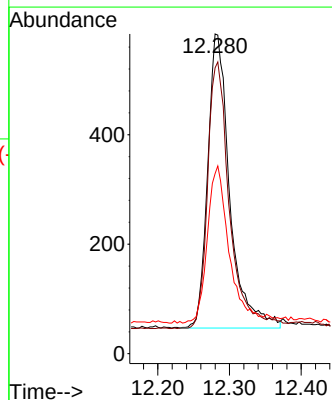
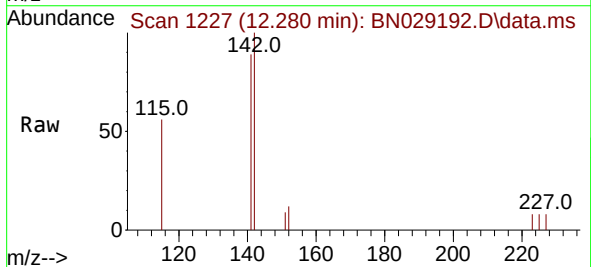
Instrument :  
BNA\_N  
ClientSampleId :  
PB158020BS

Tgt Ion:152 Resp: 1317  
Ion Ratio Lower Upper  
152 100  
151 17.4 17.4 26.0

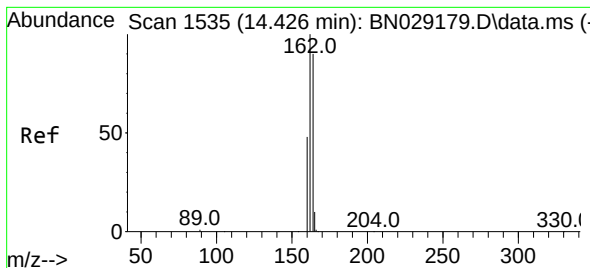


#12  
2-Methylnaphthalene  
Concen: 0.258 ng  
RT: 12.280 min Scan# 1227  
Delta R.T. 0.038 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

Tgt Ion:142 Resp: 1152  
Ion Ratio Lower Upper  
142 100  
141 89.4 71.9 107.9  
115 56.3 46.1 69.1







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.468 min Scan# 1

Delta R.T. 0.043 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA\_N

ClientSampleId :

PB158020BS

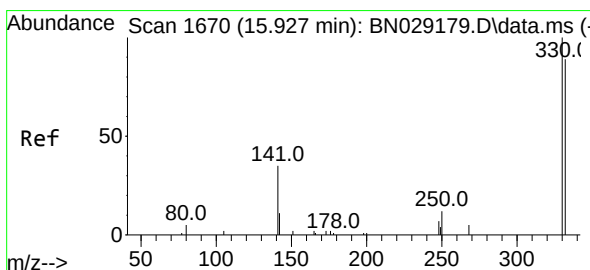
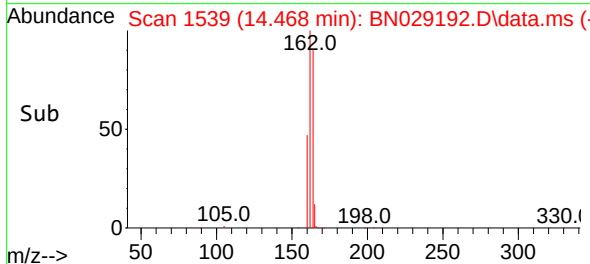
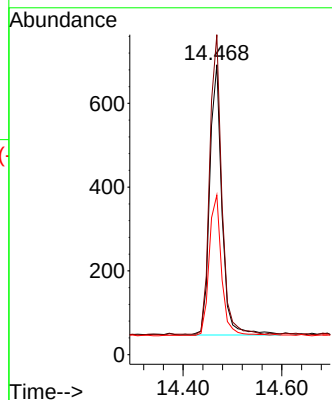
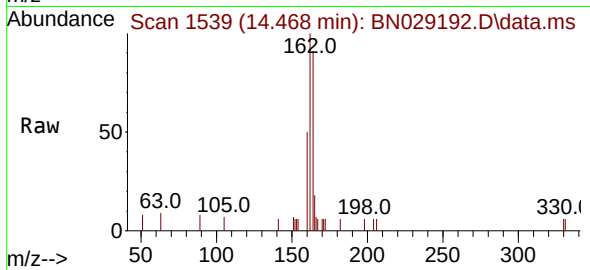
Tgt Ion:164 Resp: 1108

Ion Ratio Lower Upper

164 100

162 110.4 88.2 132.2

160 55.1 44.9 67.3



#14

2,4,6-Tribromophenol

Concen: 0.278 ng

RT: 15.977 min Scan# 1674

Delta R.T. 0.050 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

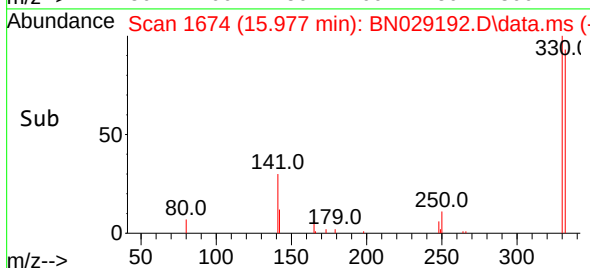
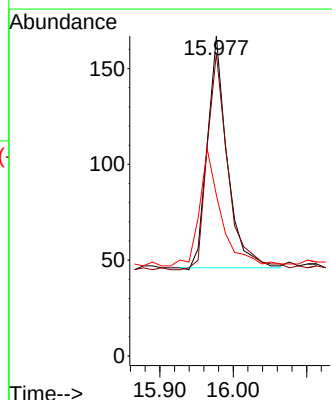
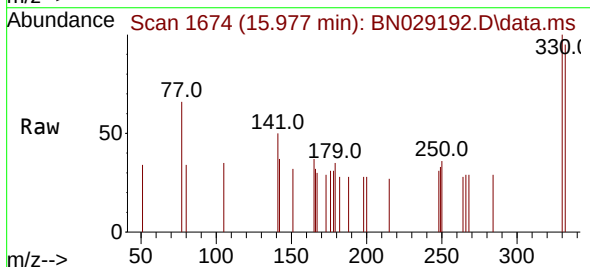
Tgt Ion:330 Resp: 226

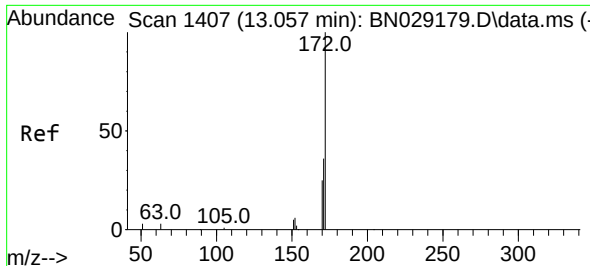
Ion Ratio Lower Upper

330 100

332 100.0 77.6 116.4

141 54.9 40.2 60.2

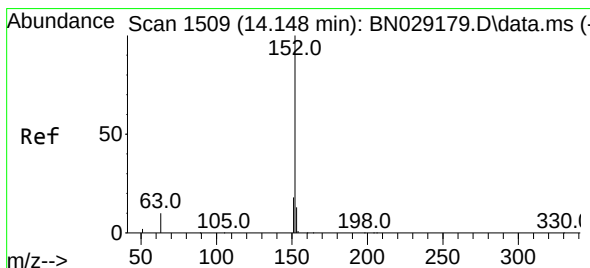
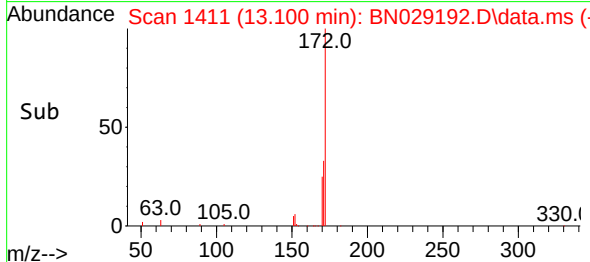
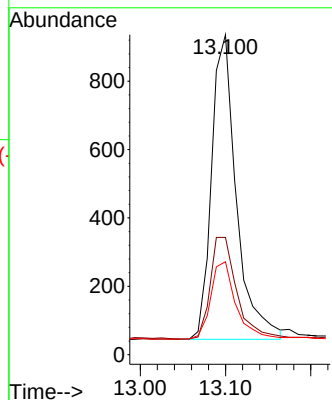
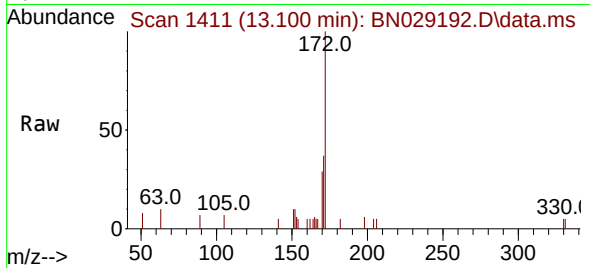




#15  
2-Fluorobiphenyl  
Concen: 0.287 ng  
RT: 13.100 min Scan# 1407  
Delta R.T. 0.043 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

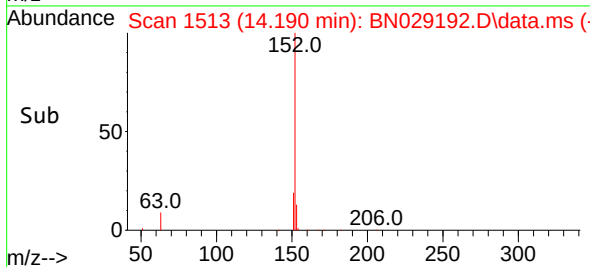
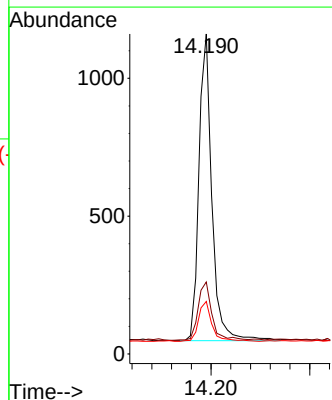
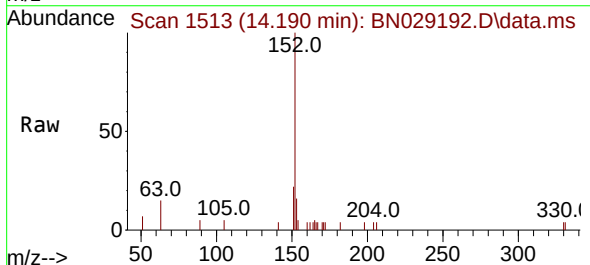
Instrument :  
BNA\_N  
ClientSampleId :  
PB158020BS

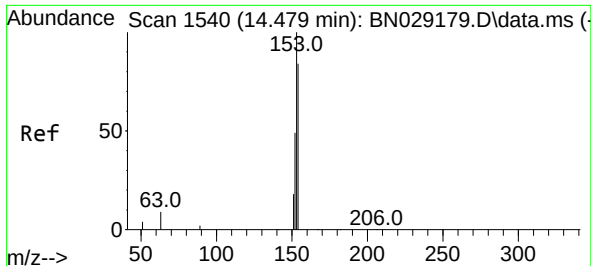
Tgt Ion:172 Resp: 1801  
Ion Ratio Lower Upper  
172 100  
171 36.6 31.4 47.0  
170 29.1 22.8 34.2



#16  
Acenaphthylene  
Concen: 0.276 ng  
RT: 14.190 min Scan# 1513  
Delta R.T. 0.043 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

Tgt Ion:152 Resp: 2022  
Ion Ratio Lower Upper  
152 100  
151 20.5 15.1 22.7  
153 13.3 10.3 15.5

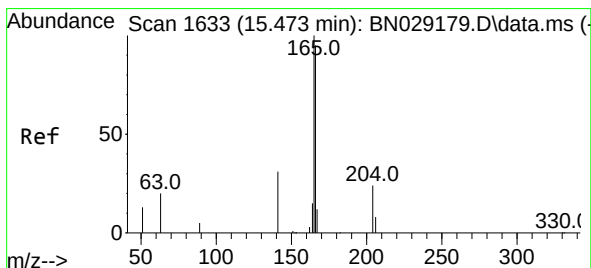
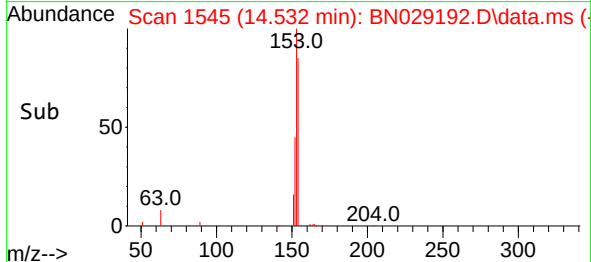
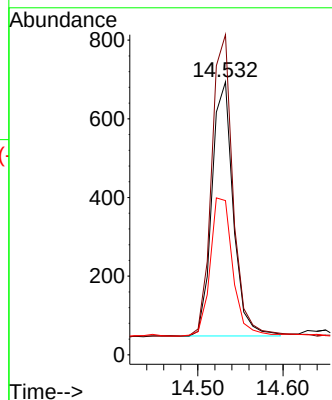
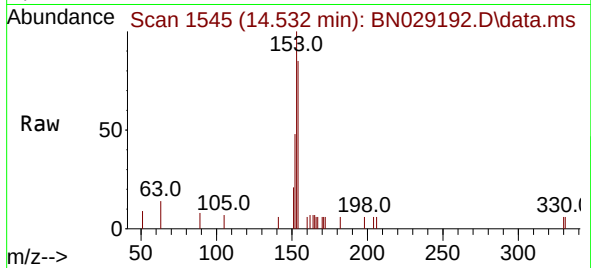




#17  
Acenaphthene  
Concen: 0.250 ng  
RT: 14.532 min Scan# 11  
Delta R.T. 0.054 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

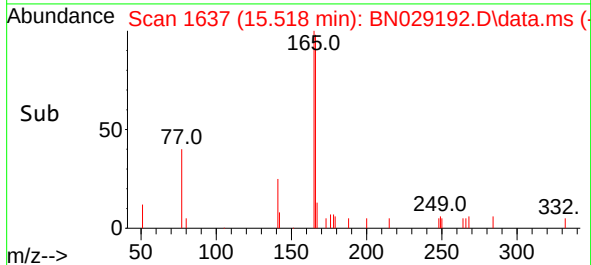
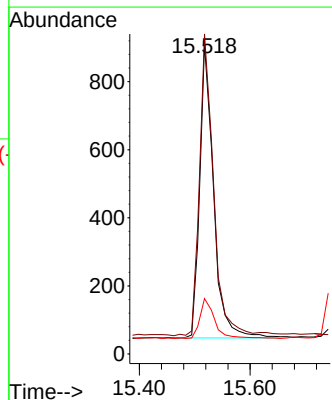
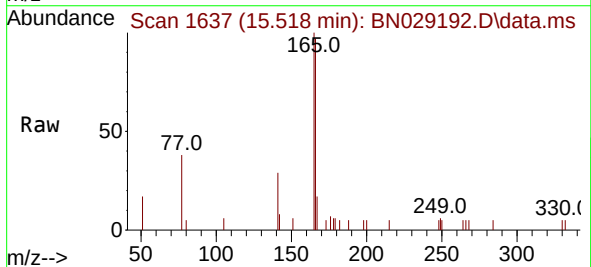
Instrument :  
BNA\_N  
ClientSampleId :  
PB158020BS

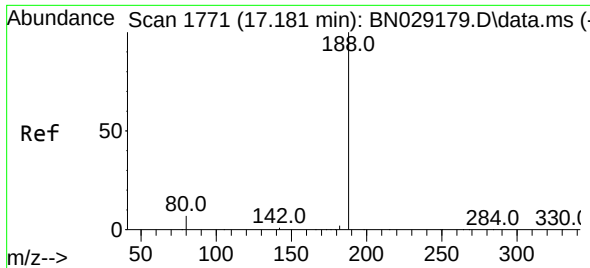
Tgt Ion:154 Resp: 1123  
Ion Ratio Lower Upper  
154 100  
153 120.1 96.8 145.2  
152 57.4 46.1 69.1



#18  
Fluorene  
Concen: 0.233 ng  
RT: 15.518 min Scan# 1637  
Delta R.T. 0.045 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

Tgt Ion:166 Resp: 1475  
Ion Ratio Lower Upper  
166 100  
165 104.1 80.0 120.0  
167 14.1 10.4 15.6

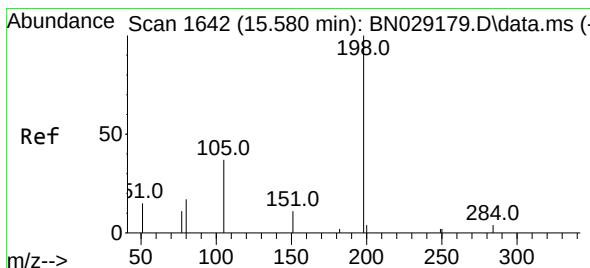
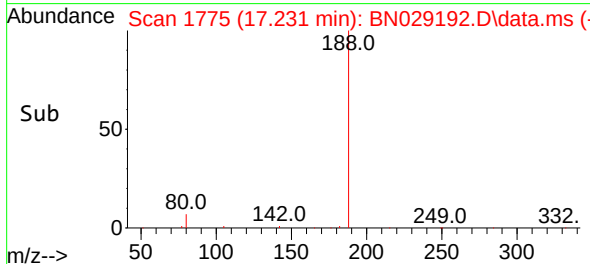
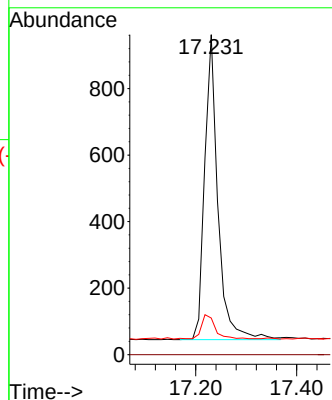
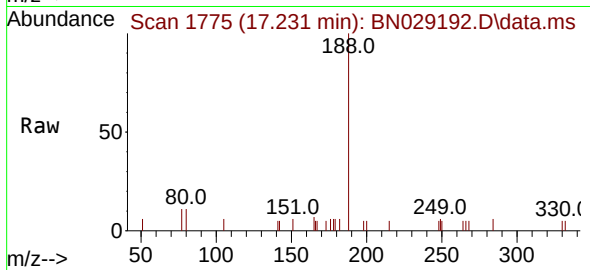




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.231 min Scan# 1775  
Delta R.T. 0.050 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

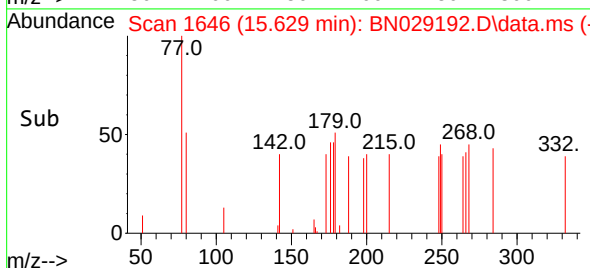
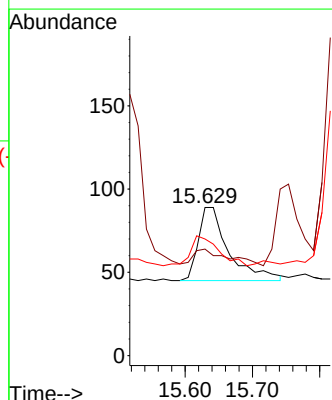
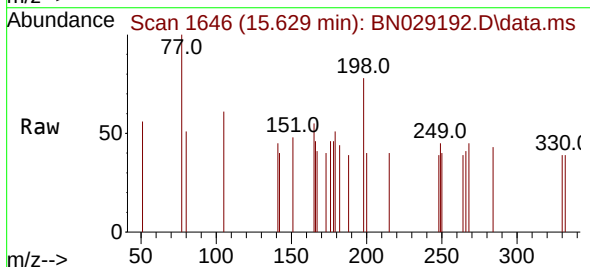
Instrument :  
BNA\_N  
ClientSampleId :  
PB158020BS

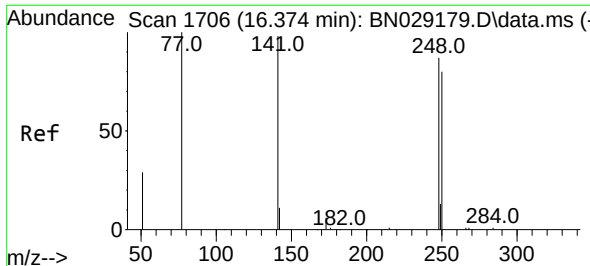
Tgt Ion:188 Resp: 1675  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.4 8.9 13.3



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.364 ng  
RT: 15.629 min Scan# 1646  
Delta R.T. 0.049 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

Tgt Ion:198 Resp: 139  
Ion Ratio Lower Upper  
198 100  
51 71.9 56.0 84.0  
105 78.7 61.6 92.4

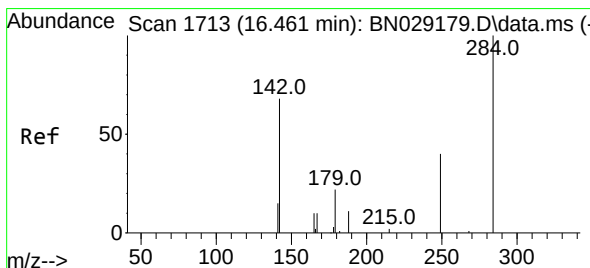
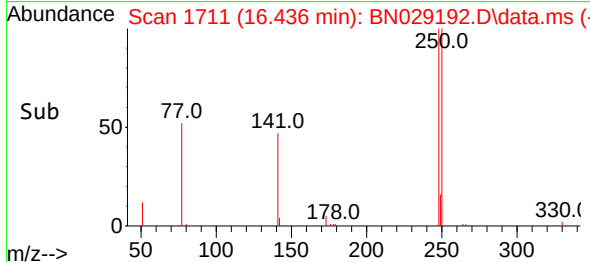
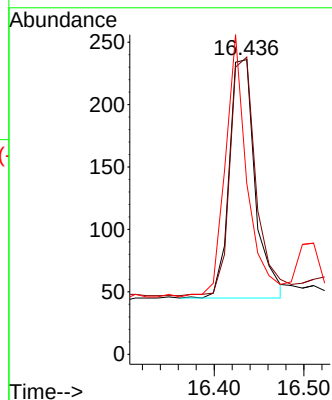
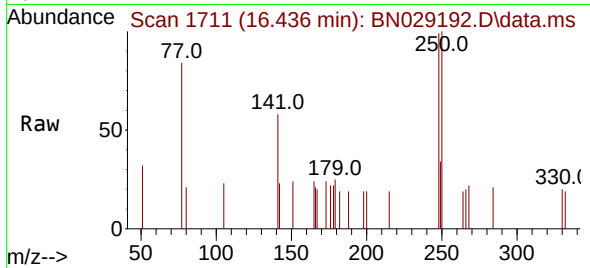




#21  
4-Bromophenyl-phenylether  
Concen: 0.246 ng  
RT: 16.436 min Scan# 1711  
Delta R.T. 0.062 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

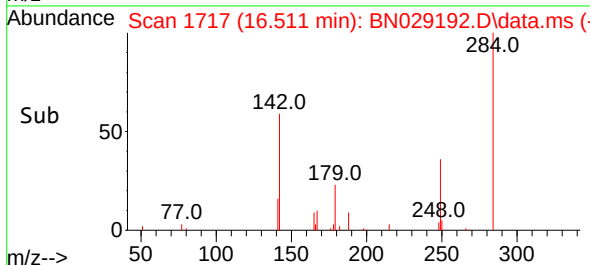
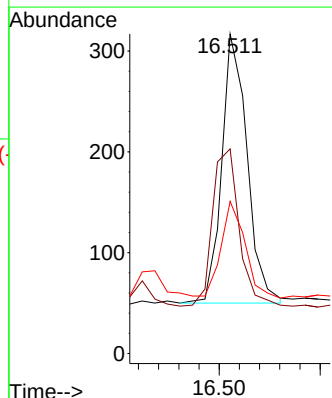
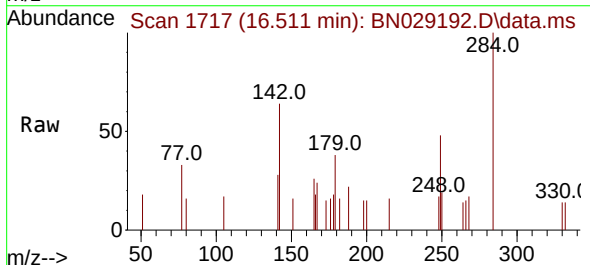
Instrument :  
BNA\_N  
ClientSampleId :  
PB158020BS

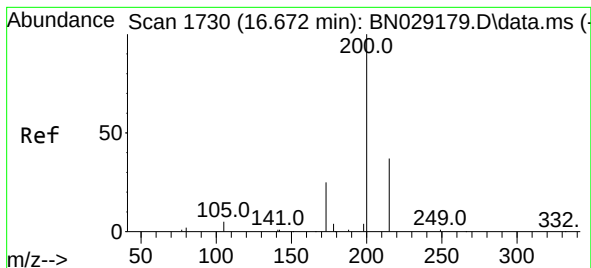
Tgt Ion:248 Resp: 387  
Ion Ratio Lower Upper  
248 100  
250 100.8 75.7 113.5  
141 58.1 89.4 134.0#



#22  
Hexachlorobenzene  
Concen: 0.250 ng  
RT: 16.511 min Scan# 1717  
Delta R.T. 0.050 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

Tgt Ion:284 Resp: 465  
Ion Ratio Lower Upper  
284 100  
142 61.1 47.4 71.0  
249 34.2 28.8 43.2





#23

Atrazine

Concen: 0.258 ng

RT: 16.722 min Scan# 1730

Delta R.T. 0.050 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA\_N

ClientSampleId :

PB158020BS

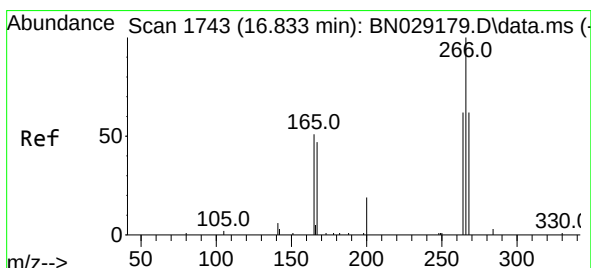
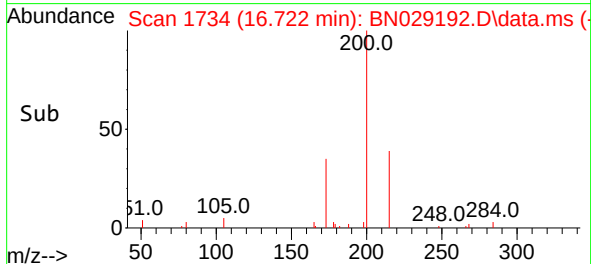
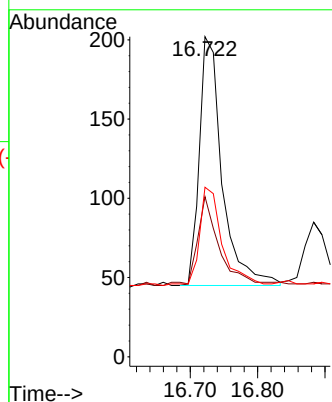
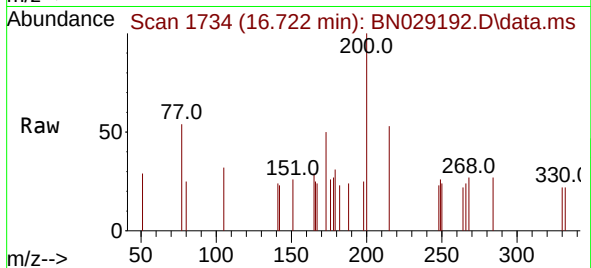
Tgt Ion:200 Resp: 370

Ion Ratio Lower Upper

200 100

173 50.0 30.5 45.7#

215 53.0 37.8 56.6



#24

Pentachlorophenol

Concen: 0.439 ng

RT: 16.883 min Scan# 1747

Delta R.T. 0.050 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

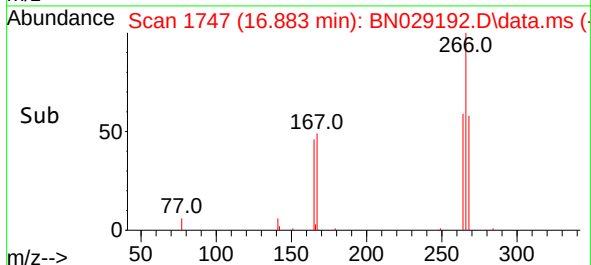
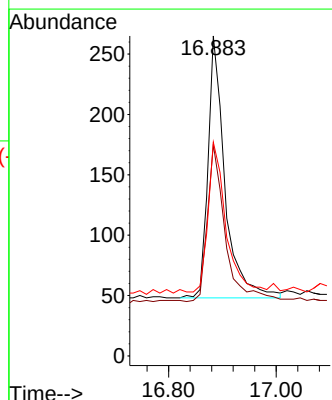
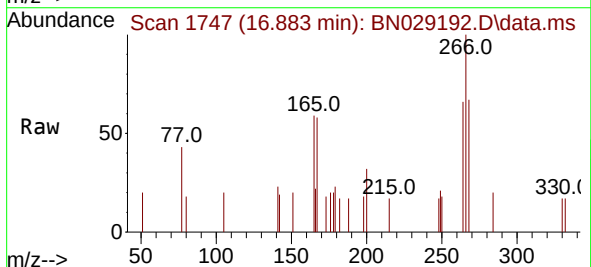
Tgt Ion:266 Resp: 474

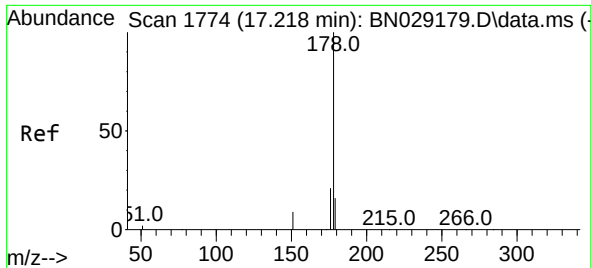
Ion Ratio Lower Upper

266 100

264 63.7 52.8 79.2

268 59.5 51.4 77.0

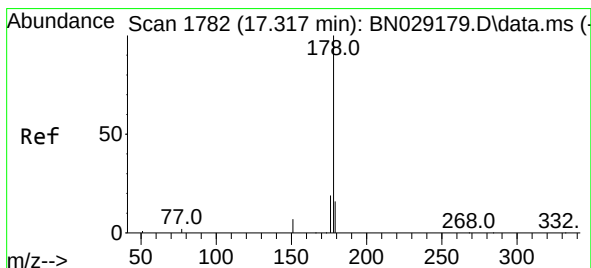
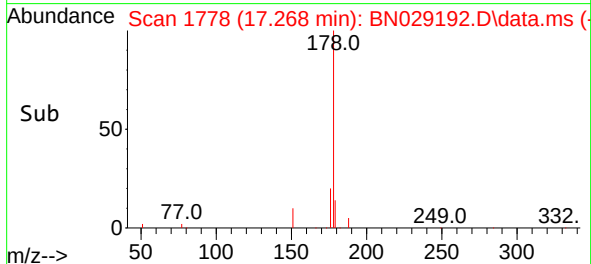
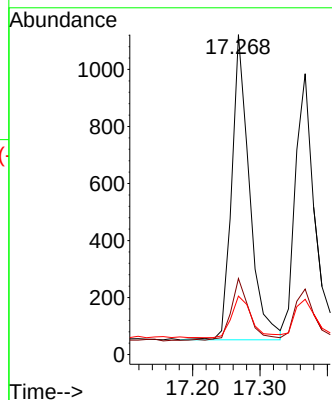
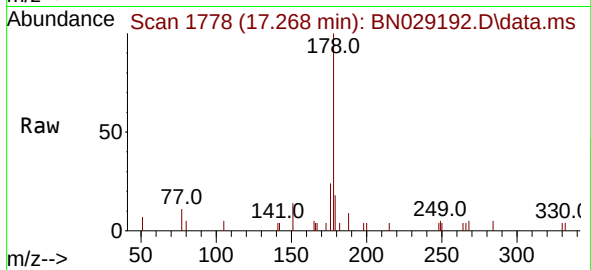




#25  
Phenanthrene  
Concen: 0.268 ng  
RT: 17.268 min Scan# 1786  
Delta R.T. 0.050 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

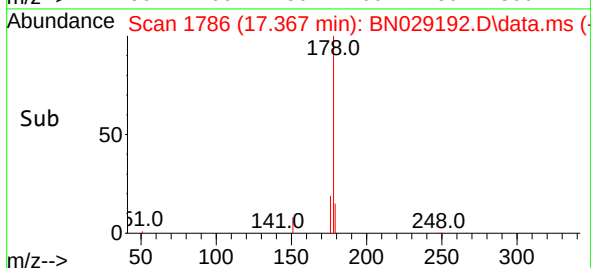
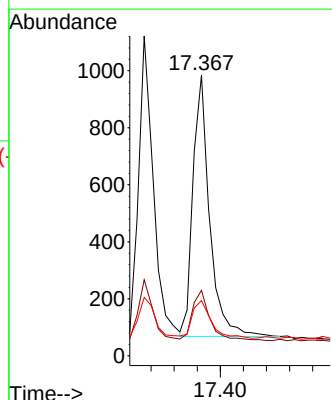
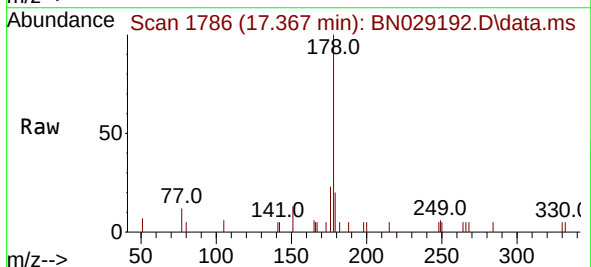
Instrument :  
BNA\_N  
ClientSampleId :  
PB158020BS

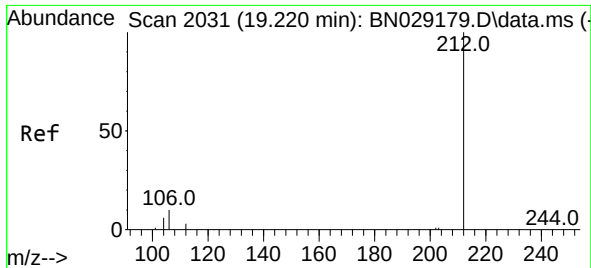
Tgt Ion:178 Resp: 1968  
Ion Ratio Lower Upper  
178 100  
176 20.5 16.6 25.0  
179 15.5 12.2 18.4



#26  
Anthracene  
Concen: 0.261 ng  
RT: 17.367 min Scan# 1786  
Delta R.T. 0.050 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

Tgt Ion:178 Resp: 1841  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.8 23.8  
179 16.1 11.9 17.9

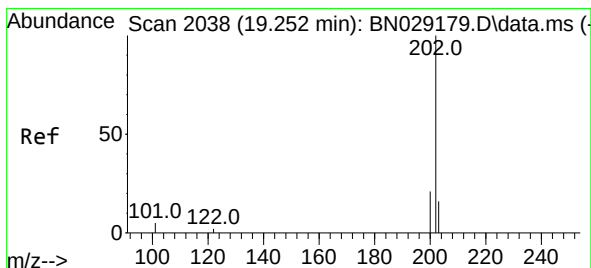
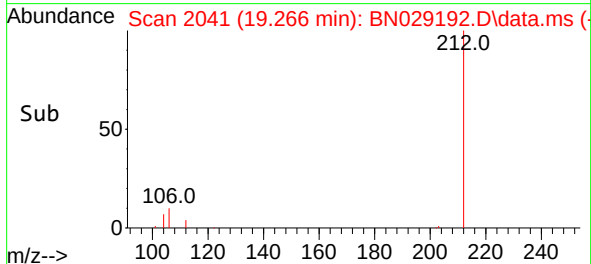
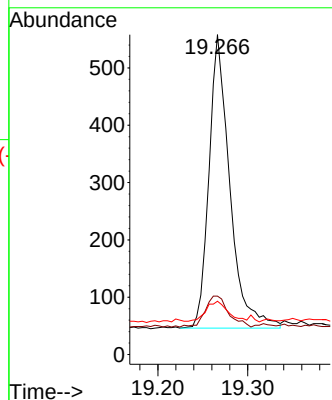
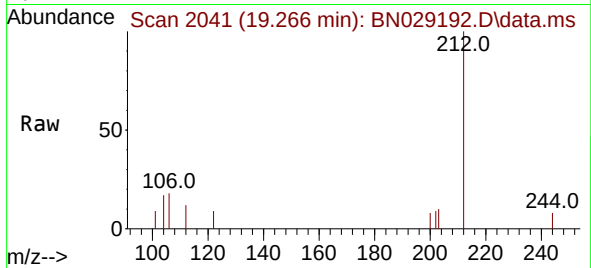




#27  
Fluoranthene-d10  
Concen: 0.236 ng  
RT: 19.266 min Scan# 2041  
Delta R.T. 0.047 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

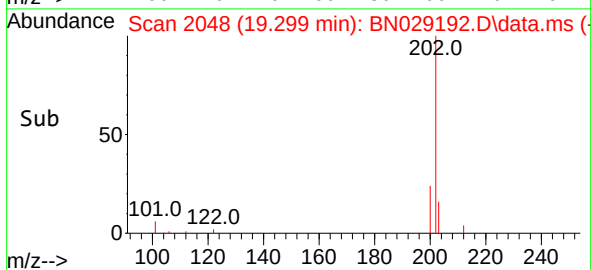
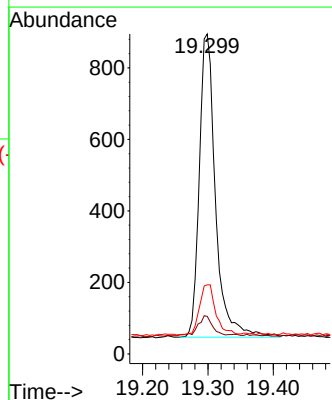
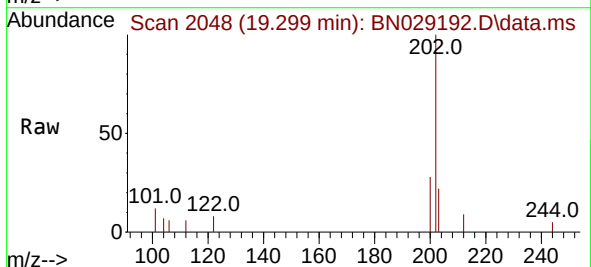
Instrument :  
BNA\_N  
ClientSampleId :  
PB158020BS

Tgt Ion:212 Resp: 824  
Ion Ratio Lower Upper  
212 100  
106 11.8 9.6 14.4  
104 7.9 5.8 8.6

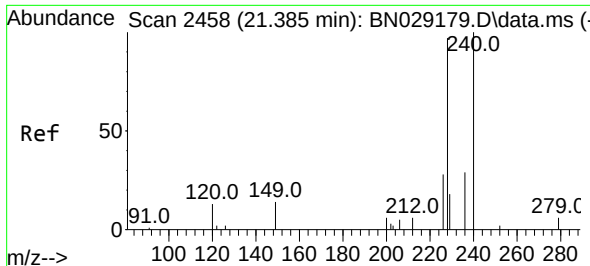


#28  
Fluoranthene  
Concen: 0.222 ng  
RT: 19.299 min Scan# 2048  
Delta R.T. 0.047 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

Tgt Ion:202 Resp: 1458  
Ion Ratio Lower Upper  
202 100  
101 5.8 4.5 6.7  
203 16.7 13.7 20.5







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.434 min Scan# 2458

Delta R.T. 0.049 min

Lab File: BN029192.D

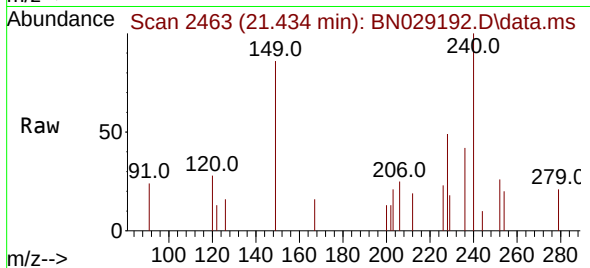
Acq: 26 Dec 2023 14:47

Instrument :

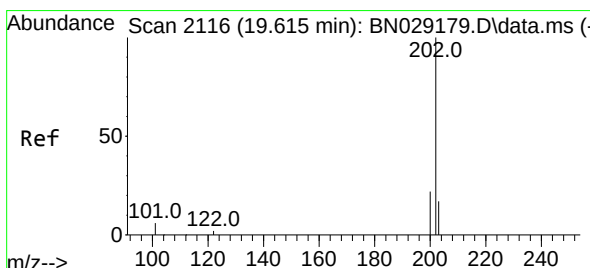
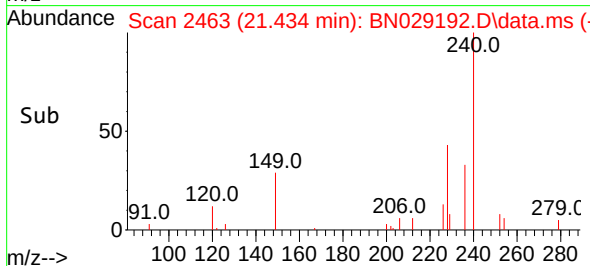
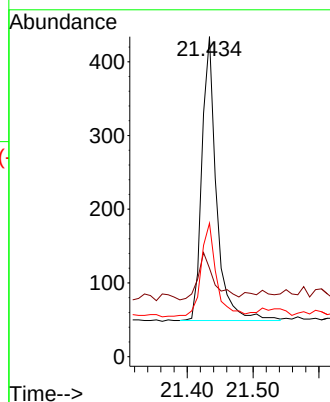
BNA\_N

ClientSampleId :

PB158020BS



|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 592       |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 27.6  | 23.9 35.9 |
| 236         | 41.7  | 31.3 46.9 |



#30

Pyrene

Concen: 0.258 ng

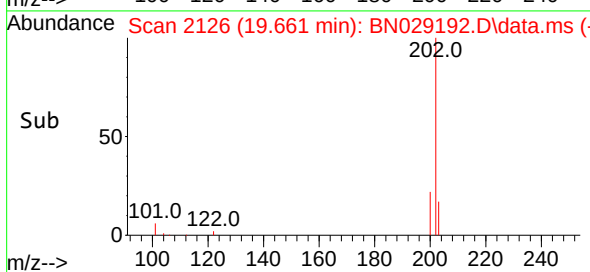
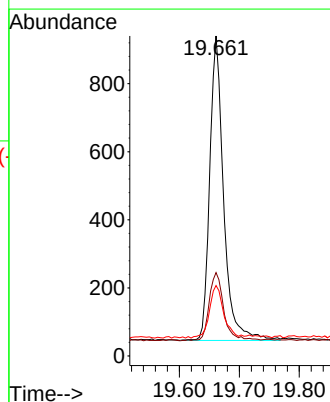
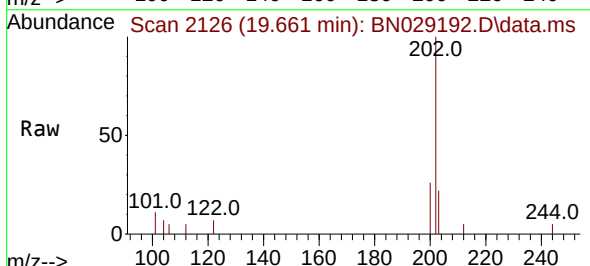
RT: 19.661 min Scan# 2126

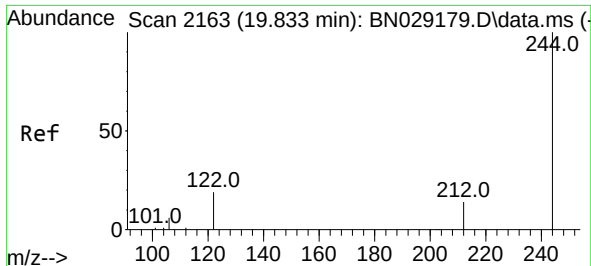
Delta R.T. 0.047 min

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|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 1438      |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 23.6  | 17.4 26.2 |
| 203         | 17.8  | 13.8 20.8 |

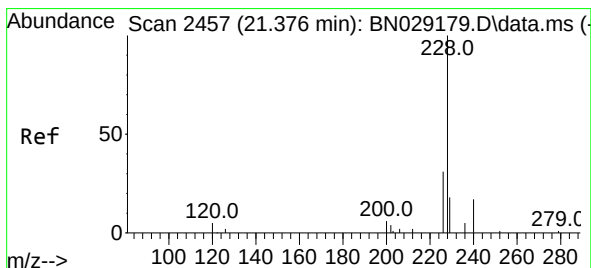
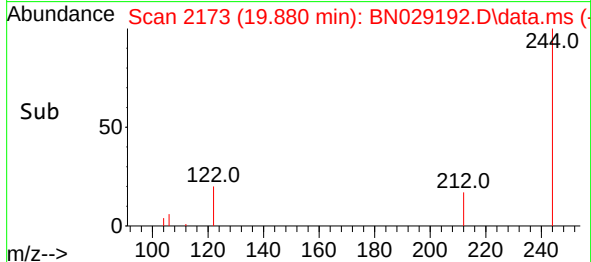
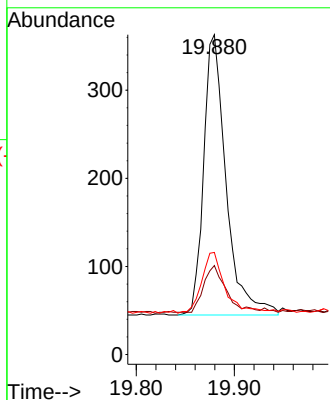
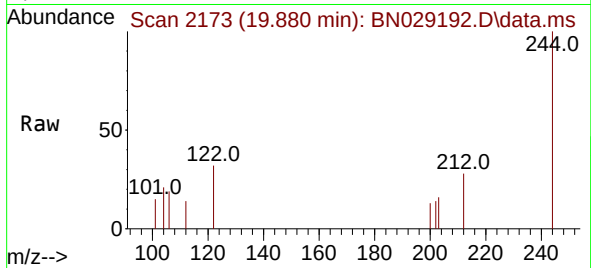




#31  
 Terphenyl-d14  
 Concen: 0.293 ng  
 RT: 19.880 min Scan# 2163  
 Delta R.T. 0.047 min  
 Lab File: BN029192.D  
 Acq: 26 Dec 2023 14:47

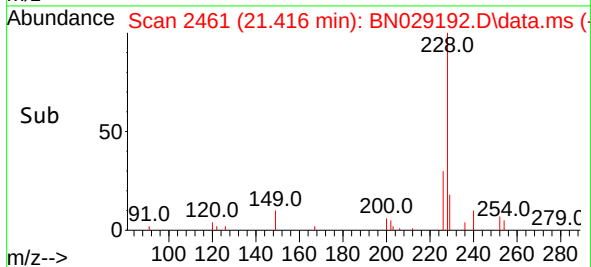
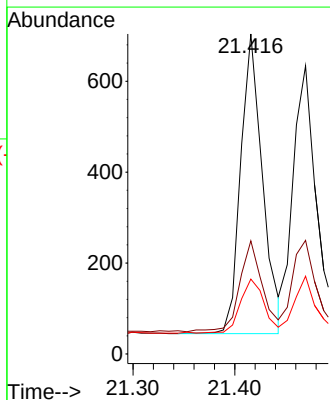
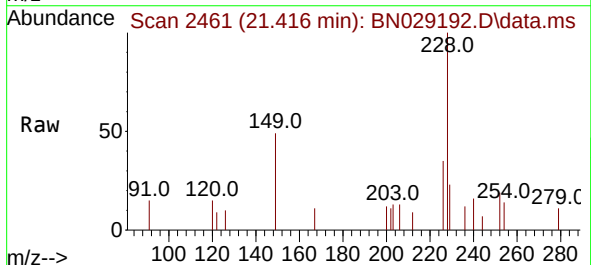
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158020BS

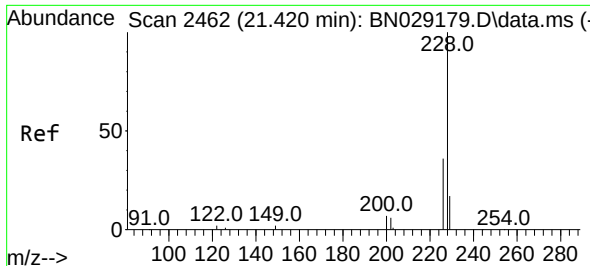
Tgt Ion:244 Resp: 505  
 Ion Ratio Lower Upper  
 244 100  
 212 27.8 18.9 28.3  
 122 32.0 22.5 33.7



#32  
 Benzo(a)anthracene  
 Concen: 0.292 ng  
 RT: 21.416 min Scan# 2461  
 Delta R.T. 0.040 min  
 Lab File: BN029192.D  
 Acq: 26 Dec 2023 14:47

Tgt Ion:228 Resp: 983  
 Ion Ratio Lower Upper  
 228 100  
 226 35.4 27.8 41.6  
 229 23.4 18.0 27.0

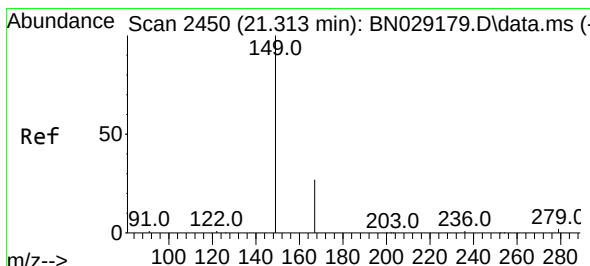
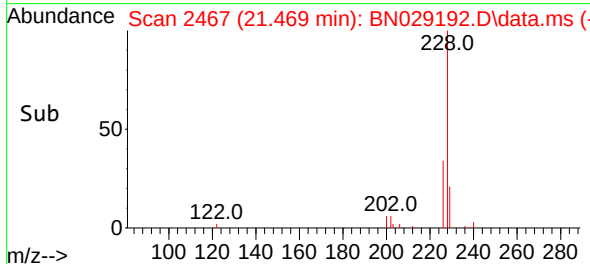
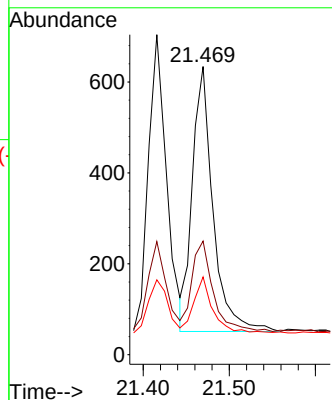
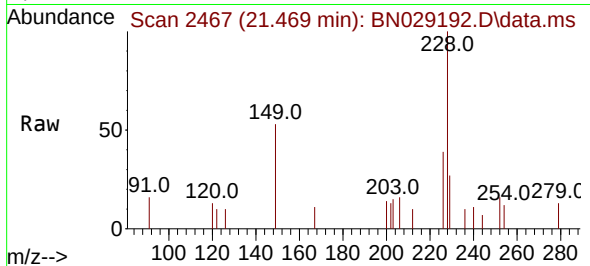




#33  
Chrysene  
Concen: 0.297 ng  
RT: 21.469 min Scan# 2467  
Delta R.T. 0.049 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

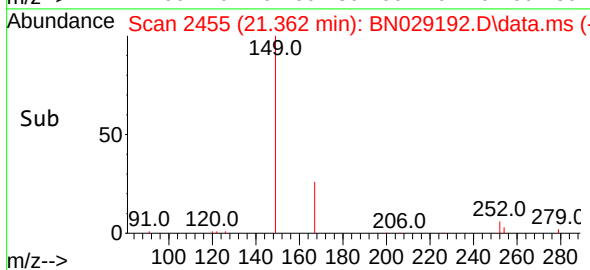
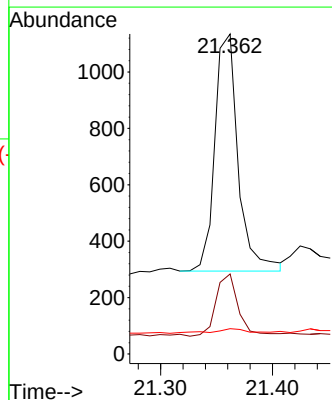
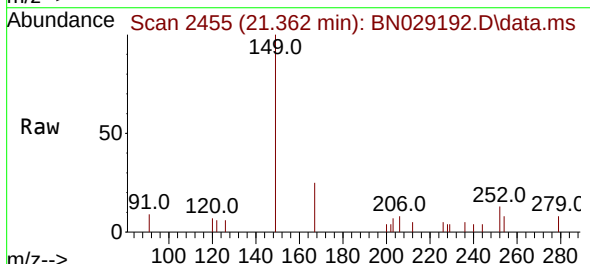
Instrument :  
BNA\_N  
ClientSampleId :  
PB158020BS

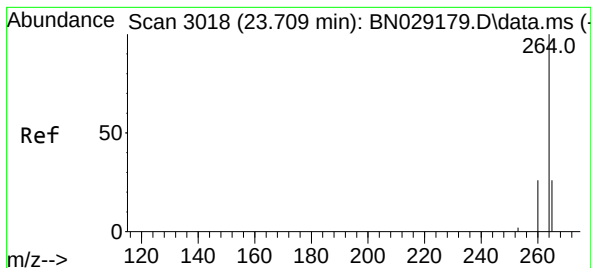
Tgt Ion:228 Resp: 971  
Ion Ratio Lower Upper  
228 100  
226 39.4 32.0 48.0  
229 27.0 17.7 26.5#



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.285 ng  
RT: 21.362 min Scan# 2455  
Delta R.T. 0.049 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

Tgt Ion:149 Resp: 1219  
Ion Ratio Lower Upper  
149 100  
167 26.3 20.8 31.2  
279 3.1 1.7 2.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.796 min Scan# 3018

Delta R.T. 0.086 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

Instrument :

BNA\_N

ClientSampleId :

PB158020BS

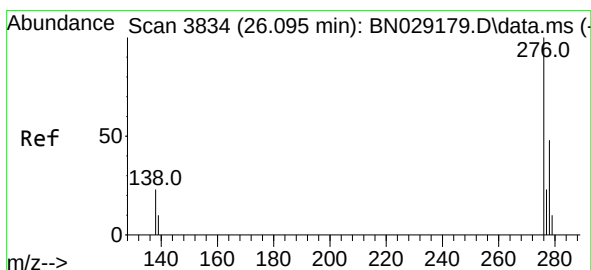
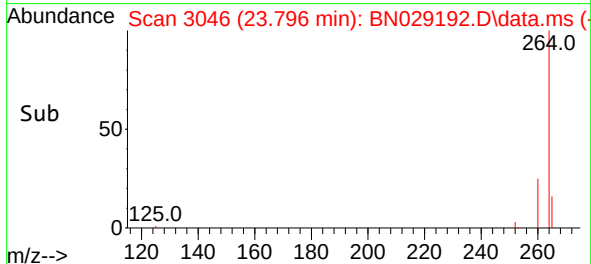
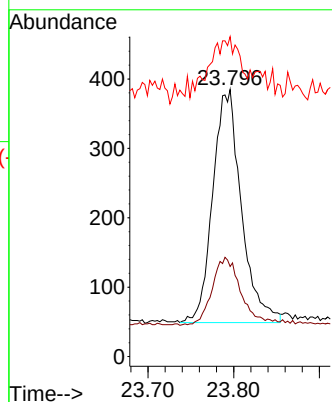
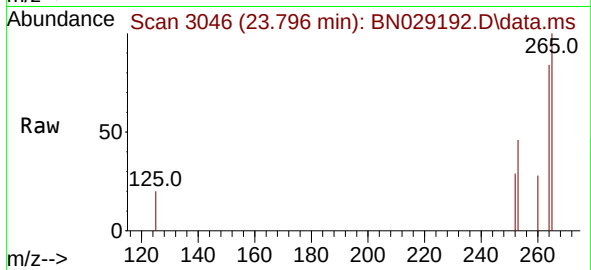
Tgt Ion:264 Resp: 777

Ion Ratio Lower Upper

264 100

260 33.8 27.1 40.7

265 119.7 99.4 149.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.279 ng

RT: 26.211 min Scan# 3872

Delta R.T. 0.115 min

Lab File: BN029192.D

Acq: 26 Dec 2023 14:47

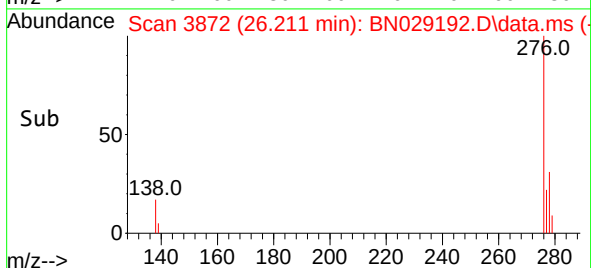
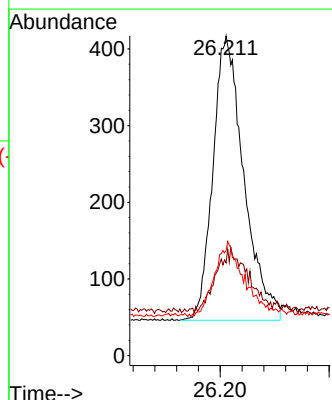
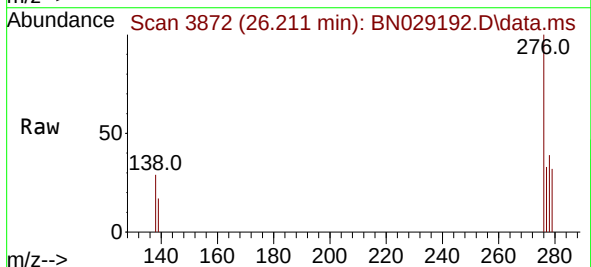
Tgt Ion:276 Resp: 1463

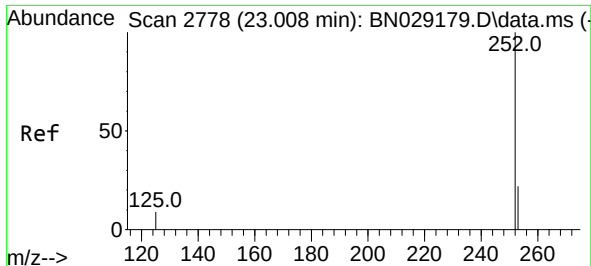
Ion Ratio Lower Upper

276 100

138 6.8 6.9 10.3#

277 25.4 18.4 27.6

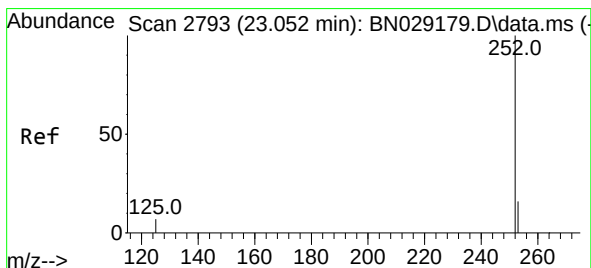
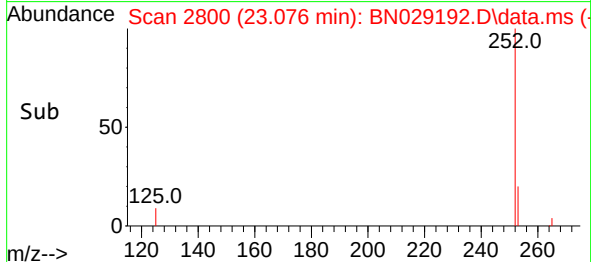
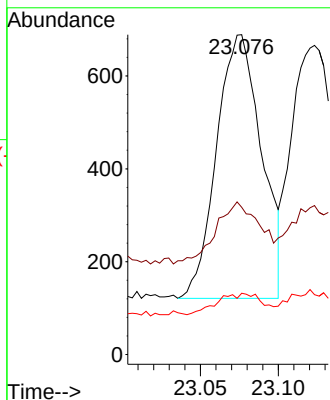
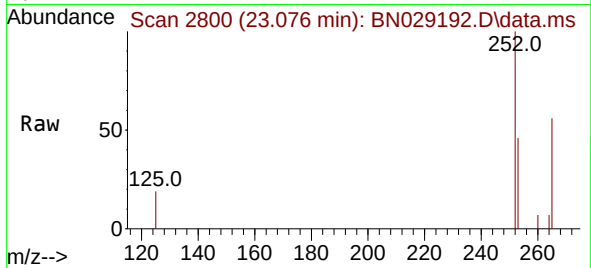




#37  
Benzo(b)fluoranthene  
Concen: 0.279 ng  
RT: 23.076 min Scan# 2800  
Delta R.T. 0.069 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

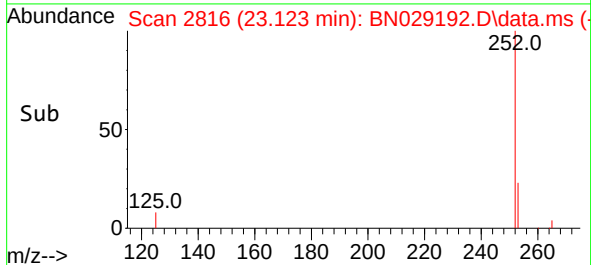
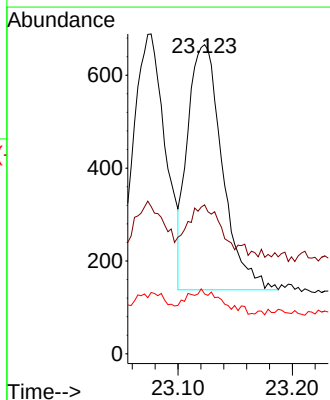
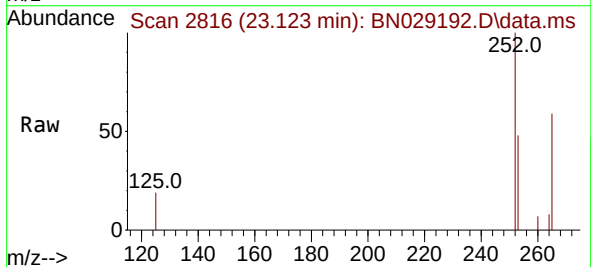
Instrument :  
BNA\_N  
ClientSampleId :  
PB158020BS

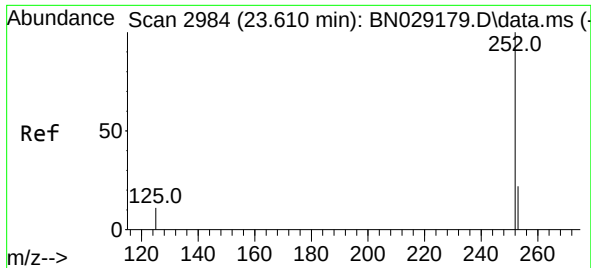
Tgt Ion:252 Resp: 1138  
Ion Ratio Lower Upper  
252 100  
253 46.0 33.4 50.0  
125 19.2 14.6 21.8



#38  
Benzo(k)fluoranthene  
Concen: 0.264 ng  
RT: 23.123 min Scan# 2816  
Delta R.T. 0.072 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

Tgt Ion:252 Resp: 1115  
Ion Ratio Lower Upper  
252 100  
253 48.2 33.3 49.9  
125 19.4 14.0 21.0

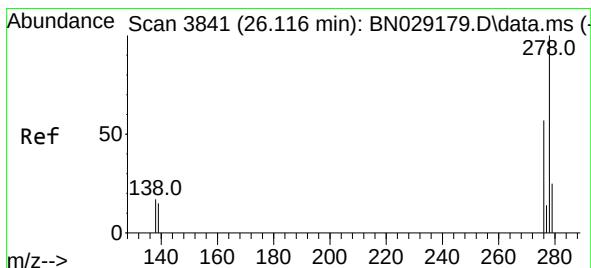
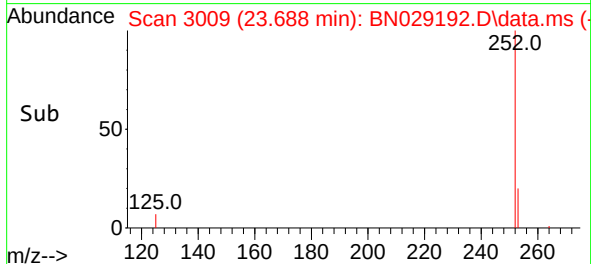
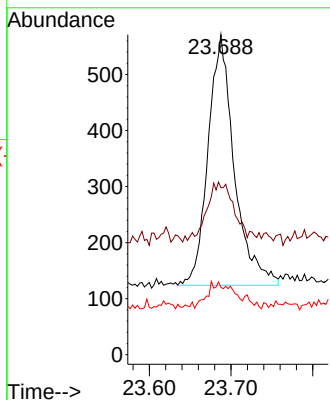
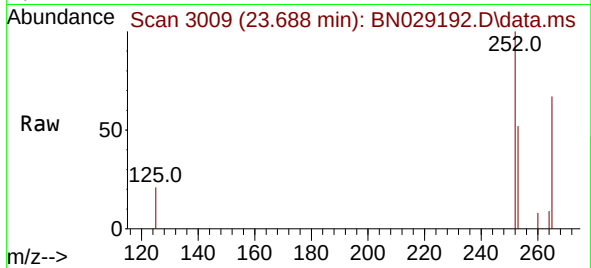




#39  
Benzo(a)pyrene  
Concen: 0.268 ng  
RT: 23.688 min Scan# 3009  
Delta R.T. 0.077 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

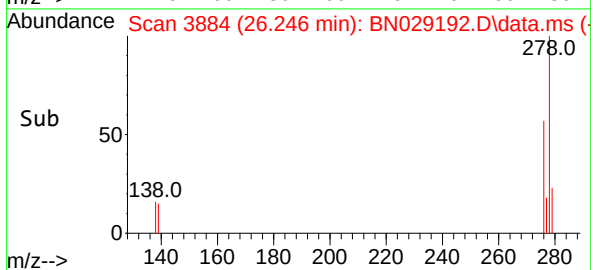
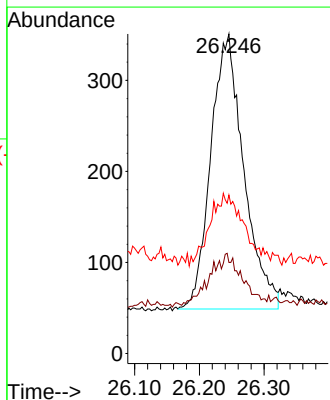
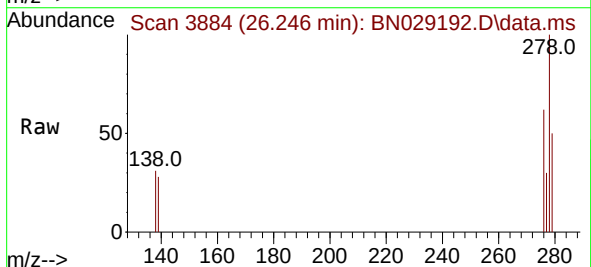
Instrument :  
BNA\_N  
ClientSampleId :  
PB158020BS

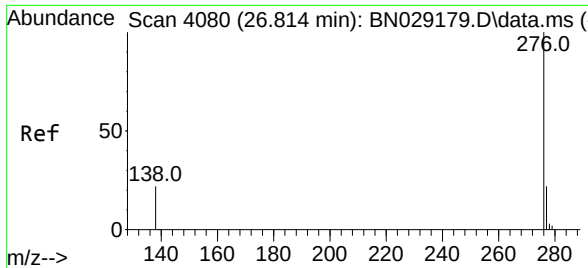
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 999       |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 52.2  | 39.7 59.5 |
| 125         | 21.0  | 17.9 26.9 |



#40  
Dibenzo(a,h)anthracene  
Concen: 0.269 ng  
RT: 26.246 min Scan# 3884  
Delta R.T. 0.130 min  
Lab File: BN029192.D  
Acq: 26 Dec 2023 14:47

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:278 | Resp: | 1070      |
| Ion Ratio   | Lower | Upper     |
| 278         | 100   |           |
| 139         | 28.5  | 21.8 32.6 |
| 279         | 49.6  | 39.9 59.9 |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.271 ng  
 RT: 26.945 min Scan# 41  
 Delta R.T. 0.130 min  
 Lab File: BN029192.D  
 Acq: 26 Dec 2023 14:47

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158020BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 1209  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 32.7  | 24.2  | 36.4  |
| 138      | 35.3  | 25.5  | 38.3  |

