

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012624\  
 Data File : BN029393.D  
 Acq On : 26 Jan 2024 12:25  
 Operator : MA/JU  
 Sample : PB158622BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158622BS

Quant Time: Jan 26 13:02:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 26 01:42:55 2024  
 Response via : Initial Calibration

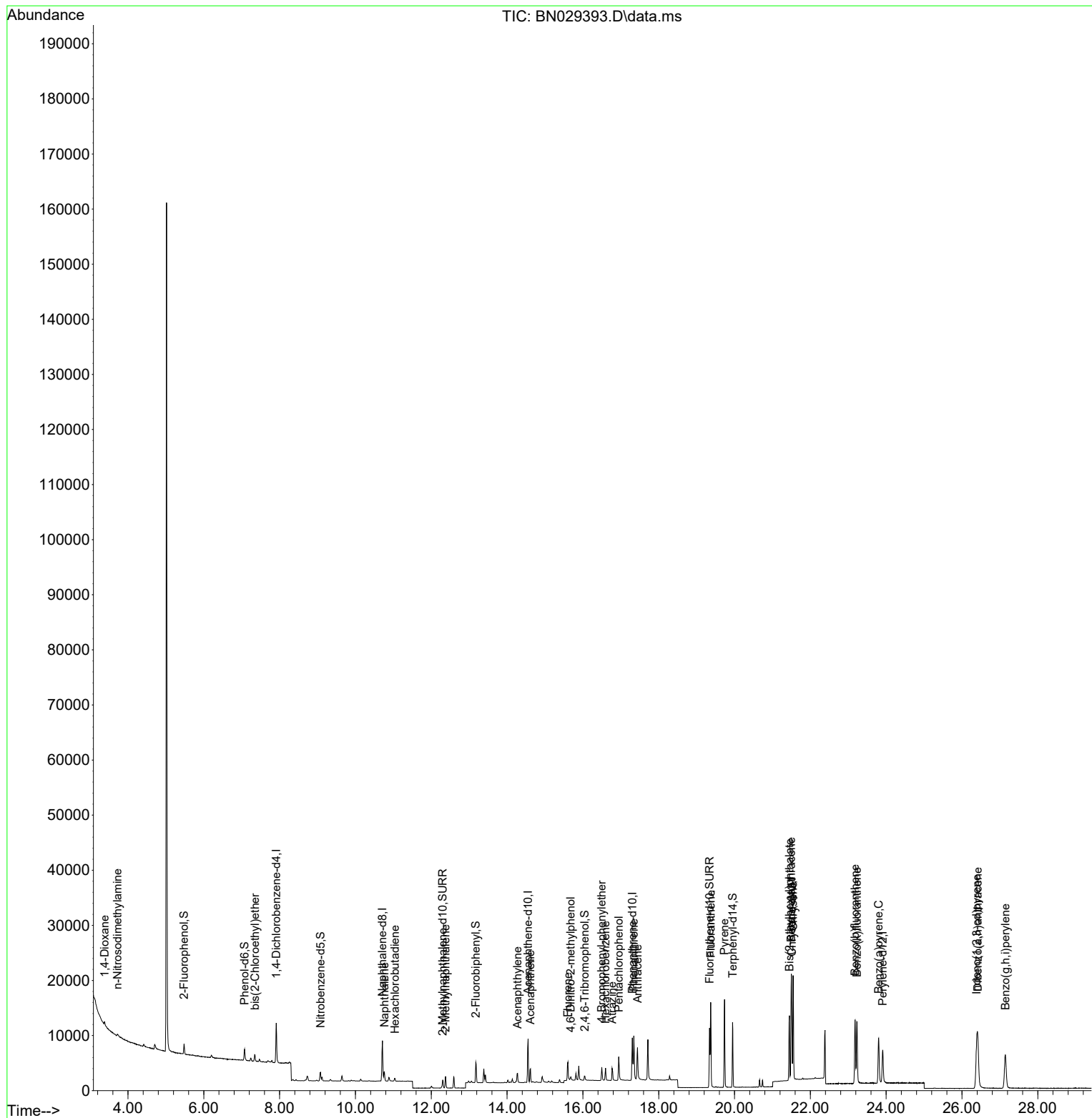
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.912  | 152  | 3418     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.712 | 136  | 9468     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.554 | 164  | 4646     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.305 | 188  | 10845    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.510 | 240  | 8970     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.908 | 264  | 8760     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.478  | 112  | 1386     | 0.148 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.074  | 99   | 1818     | 0.145 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.078  | 82   | 1440     | 0.144 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.303 | 152  | 2384     | 0.158 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.051 | 330  | 561      | 0.274 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.175 | 172  | 3443     | 0.160 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.341 | 212  | 11819    | 0.378 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.949 | 244  | 10767    | 0.482 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.384  | 88   | 370      | 0.080 | ng    | # 7      |
| 3) n-Nitrosodimethylamine     | 3.723  | 42   | 287      | 0.064 | ng    | # 72     |
| 6) bis(2-Chloroethyl)ether    | 7.349  | 93   | 966      | 0.083 | ng    | 99       |
| 9) Naphthalene                | 10.765 | 128  | 2388     | 0.079 | ng    | # 92     |
| 10) Hexachlorobutadiene       | 11.043 | 225  | 432      | 0.078 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.374 | 142  | 1469     | 0.076 | ng    | 96       |
| 16) Acenaphthylene            | 14.276 | 152  | 2093     | 0.085 | ng    | 98       |
| 17) Acenaphthene              | 14.618 | 154  | 1282     | 0.078 | ng    | 99       |
| 18) Fluorene                  | 15.605 | 166  | 2087     | 0.096 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.679 | 198  | 465      | 0.320 | ng    | # 76     |
| 21) 4-Bromophenyl-phenylether | 16.498 | 248  | 909      | 0.123 | ng    | 95       |
| 22) Hexachlorobenzene         | 16.598 | 284  | 1549     | 0.183 | ng    | 98       |
| 23) Atrazine                  | 16.771 | 200  | 1884     | 0.341 | ng    | 97       |
| 24) Pentachlorophenol         | 16.945 | 266  | 2136     | 0.674 | ng    | 99       |
| 25) Phenanthrene              | 17.342 | 178  | 8405     | 0.228 | ng    | 100      |
| 26) Anthracene                | 17.442 | 178  | 7600     | 0.233 | ng    | 99       |
| 28) Fluoranthene              | 19.373 | 202  | 13977    | 0.322 | ng    | 100      |
| 30) Pyrene                    | 19.736 | 202  | 14382    | 0.353 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.492 | 228  | 14470    | 0.396 | ng    | 98       |
| 33) Chrysene                  | 21.546 | 228  | 15616    | 0.411 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.447 | 149  | 7825     | 0.349 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.388 | 276  | 16823    | 0.444 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.180 | 252  | 15397    | 0.416 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.227 | 252  | 15271    | 0.424 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.803 | 252  | 12891    | 0.431 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.417 | 278  | 13337    | 0.437 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 27.145 | 276  | 13848    | 0.418 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

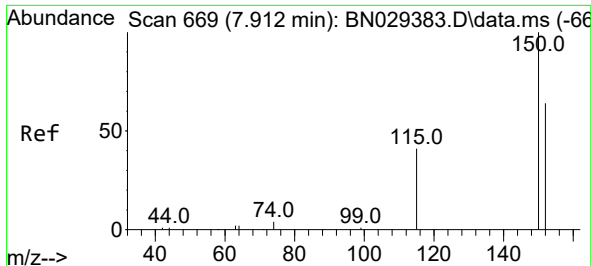
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012624\  
Data File : BN029393.D  
Acq On : 26 Jan 2024 12:25  
Operator : MA/JU  
Sample : PB158622BS  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB158622BS

Quant Time: Jan 26 13:02:22 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 26 01:42:55 2024  
Response via : Initial Calibration

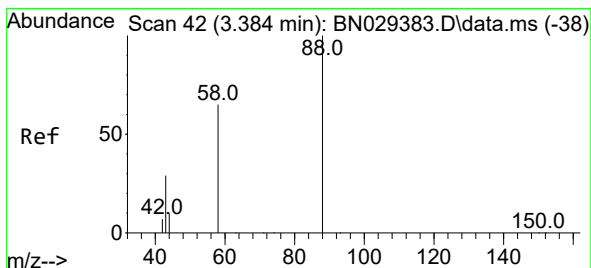
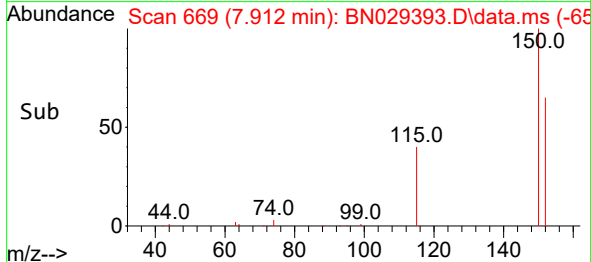
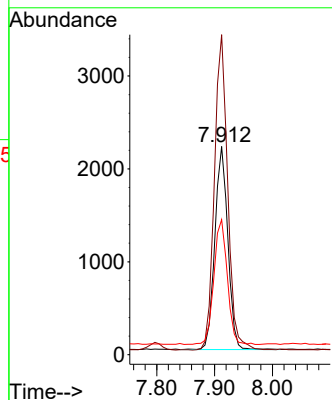
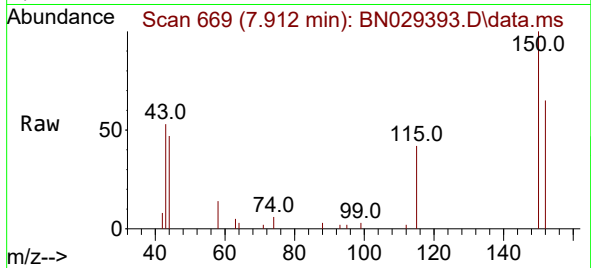




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.912 min Scan# 669  
 Delta R.T. 0.000 min  
 Lab File: BN029393.D  
 Acq: 26 Jan 2024 12:25

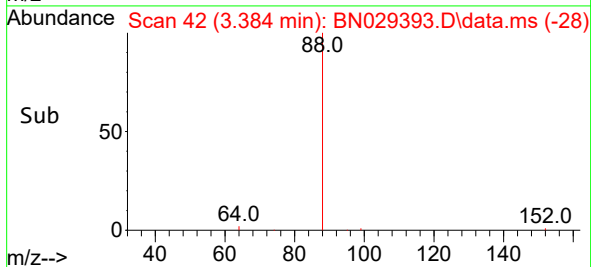
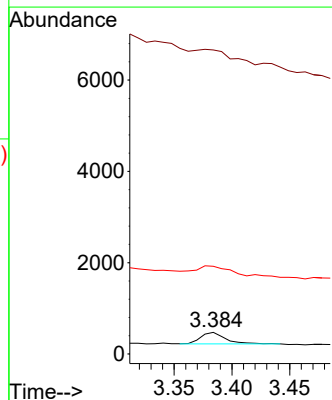
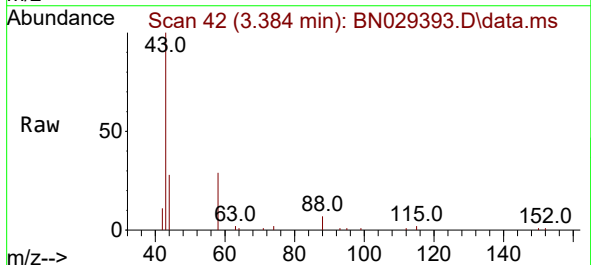
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158622BS

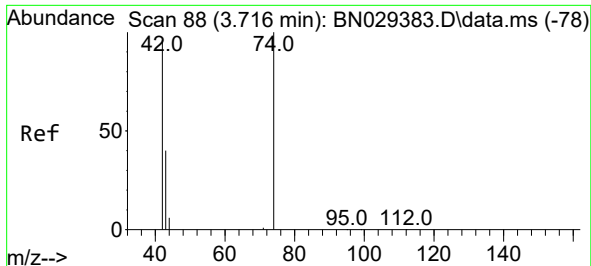
Tgt Ion:152 Resp: 3418  
 Ion Ratio Lower Upper  
 152 100  
 150 153.7 123.6 185.4  
 115 64.9 53.2 79.8



#2  
 1,4-Dioxane  
 Concen: 0.080 ng  
 RT: 3.384 min Scan# 42  
 Delta R.T. 0.000 min  
 Lab File: BN029393.D  
 Acq: 26 Jan 2024 12:25

Tgt Ion: 88 Resp: 370  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 25.3 37.9#  
 58 161.6 56.9 85.3#

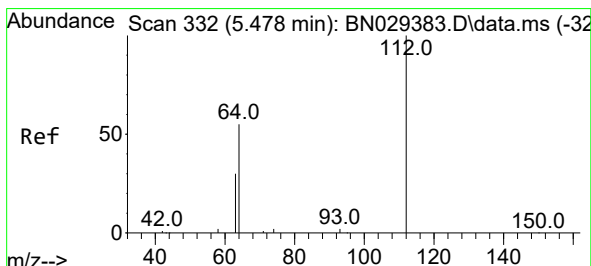
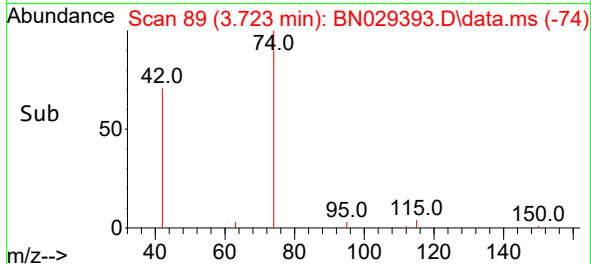
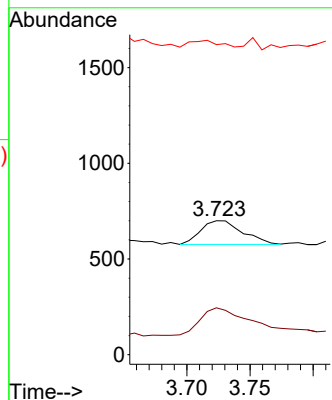
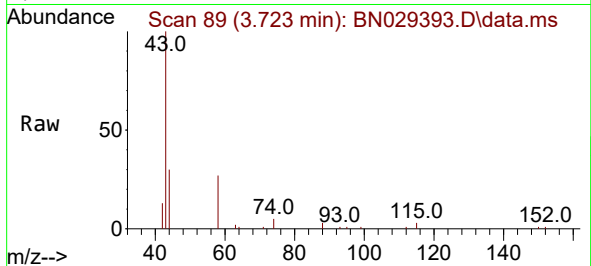




#3  
n-Nitrosodimethylamine  
Concen: 0.064 ng  
RT: 3.723 min Scan# 88  
Delta R.T. 0.007 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

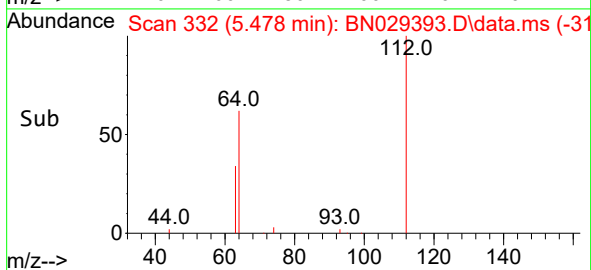
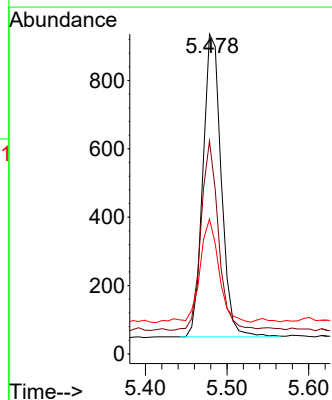
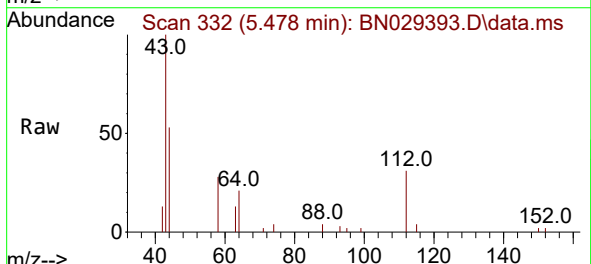
Instrument :  
BNA\_N  
ClientSampleId :  
PB158622BS

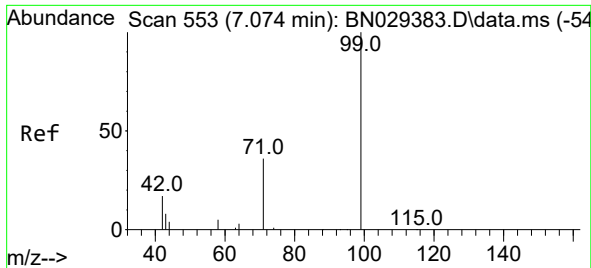
Tgt Ion: 42 Resp: 287  
Ion Ratio Lower Upper  
42 100  
74 146.7 93.5 140.3#  
44 19.5 3.1 4.7#



#4  
2-Fluorophenol  
Concen: 0.148 ng  
RT: 5.478 min Scan# 332  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

Tgt Ion: 112 Resp: 1386  
Ion Ratio Lower Upper  
112 100  
64 59.0 46.2 69.4  
63 35.5 25.8 38.8

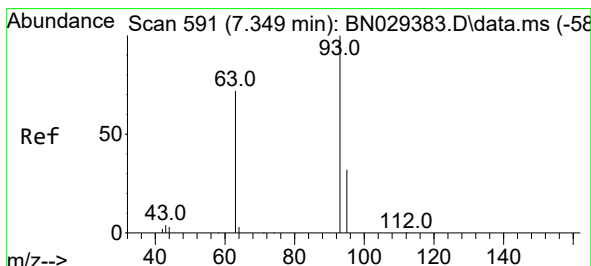
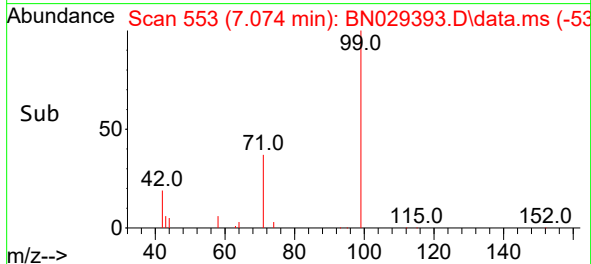
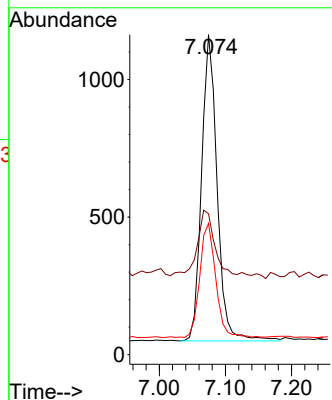
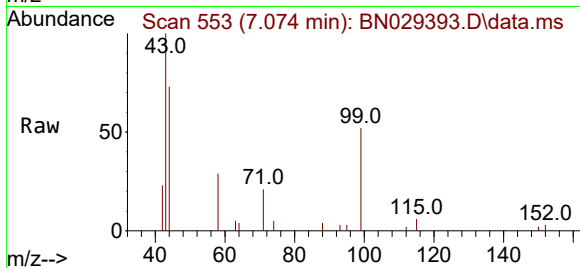




#5  
Phenol-d6  
Concen: 0.145 ng  
RT: 7.074 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

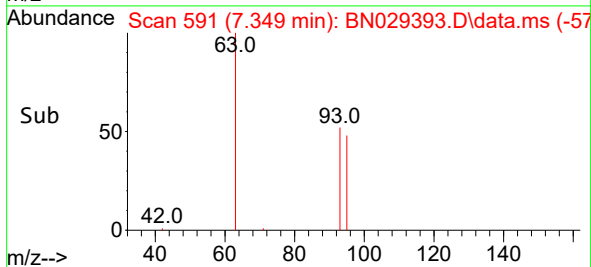
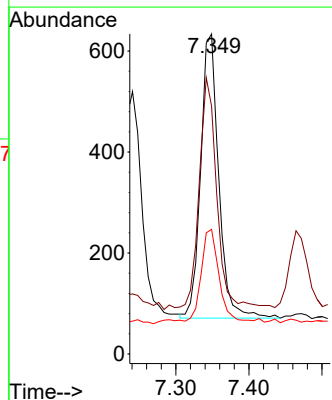
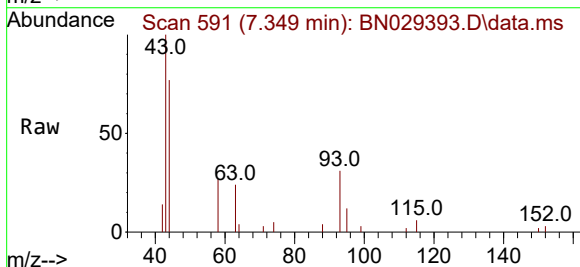
Instrument :  
BNA\_N  
ClientSampleId :  
PB158622BS

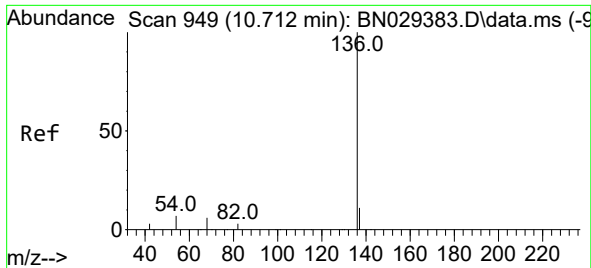
Tgt Ion: 99 Resp: 1818  
Ion Ratio Lower Upper  
99 100  
42 23.2 16.9 25.3  
71 38.0 29.7 44.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.083 ng  
RT: 7.349 min Scan# 591  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

Tgt Ion: 93 Resp: 966  
Ion Ratio Lower Upper  
93 100  
63 77.4 62.2 93.2  
95 33.5 26.3 39.5

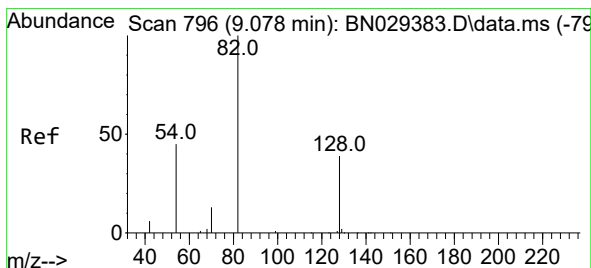
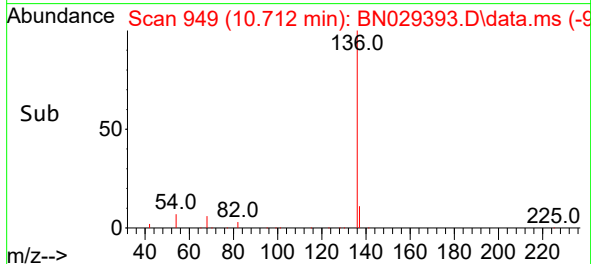
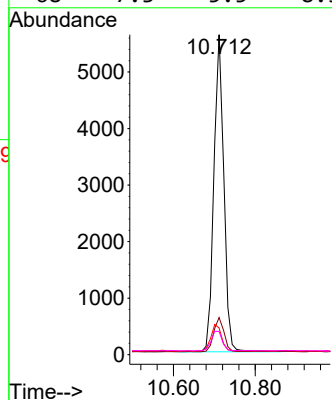
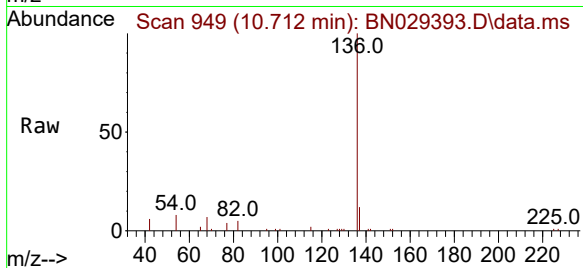




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.712 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

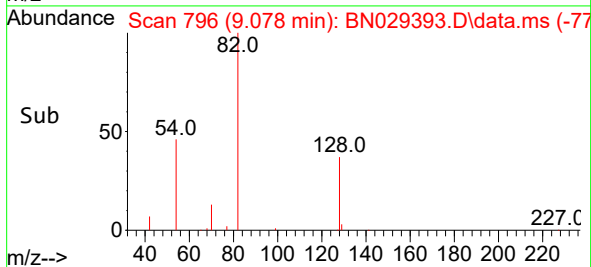
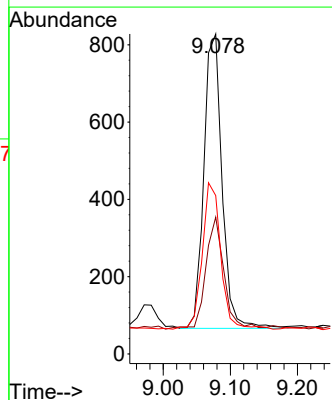
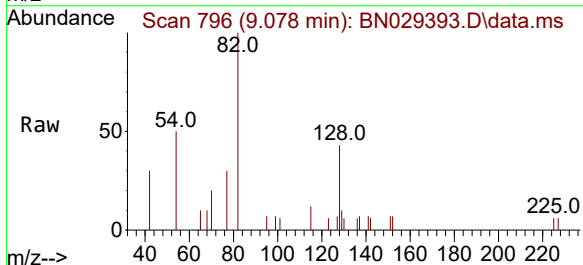
Instrument :  
BNA\_N  
ClientSampleId :  
PB158622BS

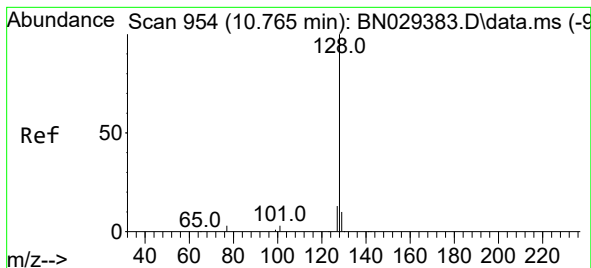
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 9468 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 11.6  | 9.0   | 13.6 |
| 54        | 8.3   | 6.4   | 9.6  |
| 68        | 7.3   | 5.5   | 8.3  |



#8  
Nitrobenzene-d5  
Concen: 0.144 ng  
RT: 9.078 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 1440 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 42.8  | 33.0  | 49.6 |
| 54        | 49.5  | 37.6  | 56.4 |





#9

Naphthalene

Concen: 0.079 ng

RT: 10.765 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN029393.D

Acq: 26 Jan 2024 12:25

Instrument :

BNA\_N

ClientSampleId :

PB158622BS

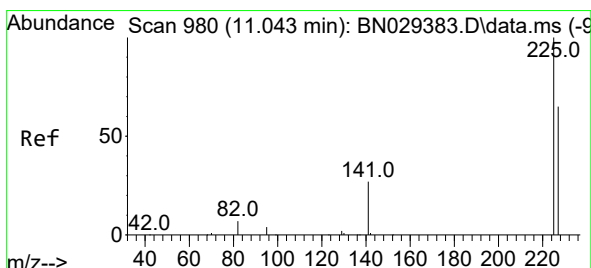
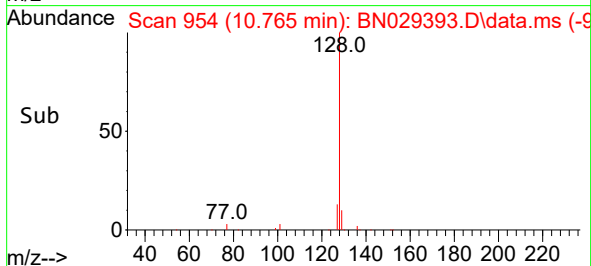
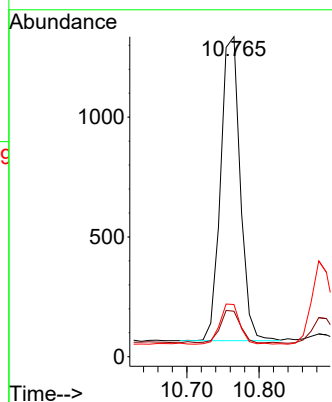
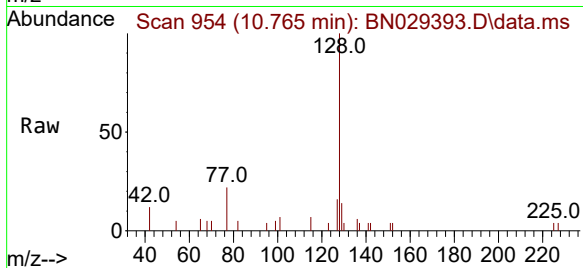
Tgt Ion:128 Resp: 2388

Ion Ratio Lower Upper

128 100

129 14.2 9.0 13.6#

127 16.3 10.6 15.8#



#10

Hexachlorobutadiene

Concen: 0.078 ng

RT: 11.043 min Scan# 980

Delta R.T. 0.000 min

Lab File: BN029393.D

Acq: 26 Jan 2024 12:25

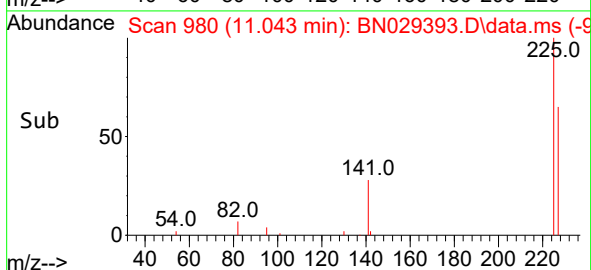
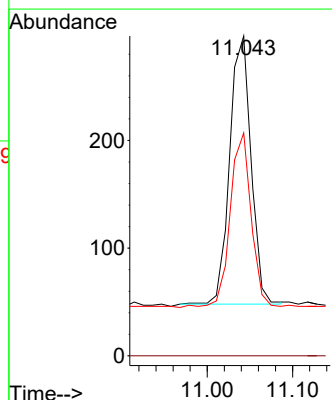
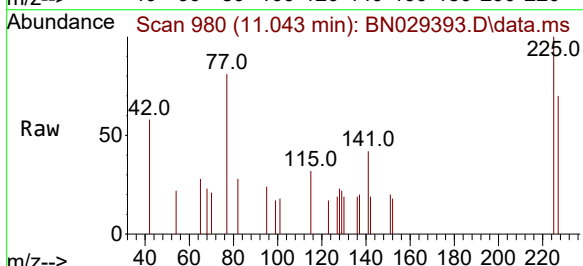
Tgt Ion:225 Resp: 432

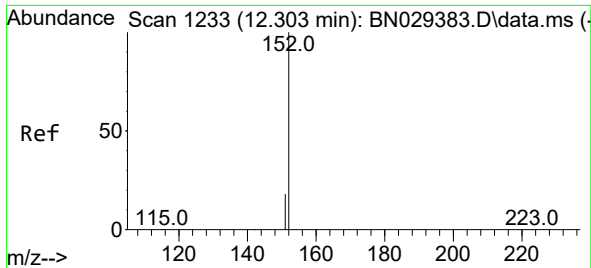
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.1 51.8 77.6

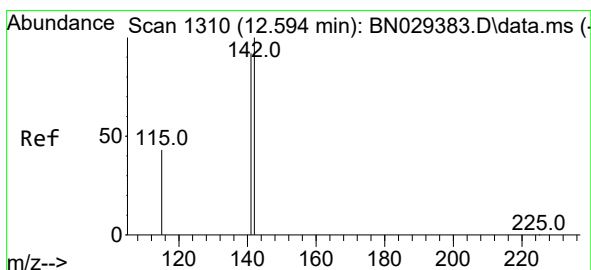
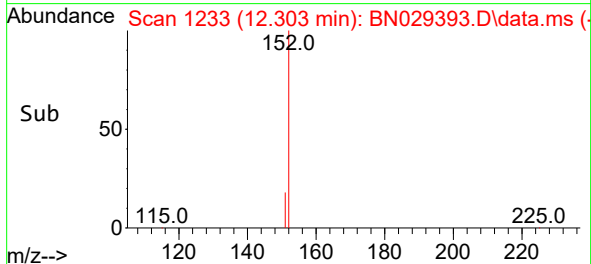
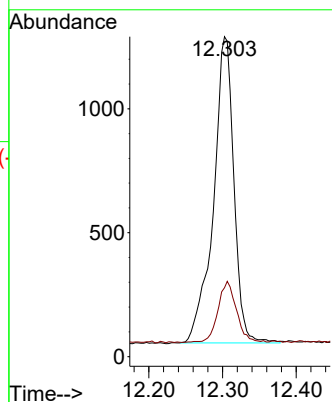
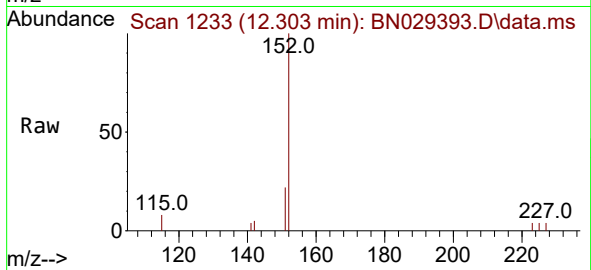




#11  
2-Methylnaphthalene-d10  
Concen: 0.158 ng  
RT: 12.303 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

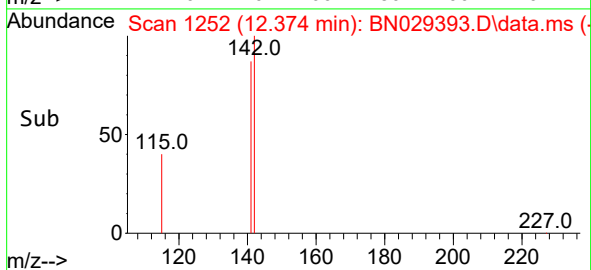
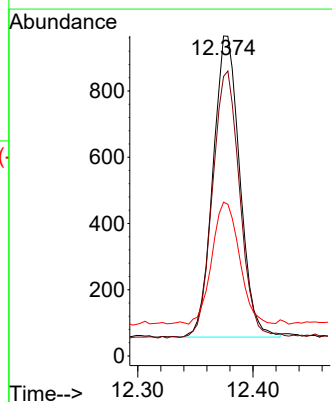
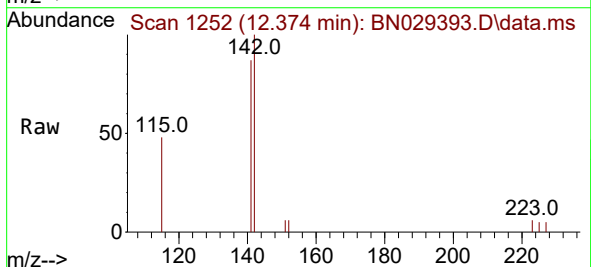
Instrument :  
BNA\_N  
ClientSampleId :  
PB158622BS

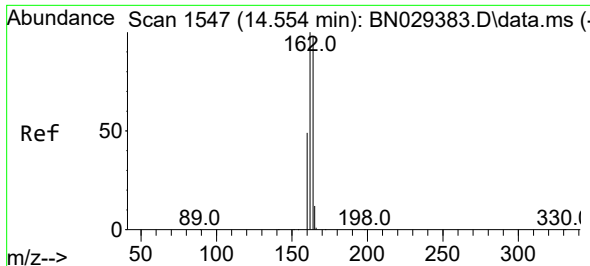
Tgt Ion:152 Resp: 2384  
Ion Ratio Lower Upper  
152 100  
151 18.1 16.8 25.2



#12  
2-Methylnaphthalene  
Concen: 0.076 ng  
RT: 12.374 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

Tgt Ion:142 Resp: 1469  
Ion Ratio Lower Upper  
142 100  
141 87.4 71.0 106.4  
115 48.0 34.3 51.5

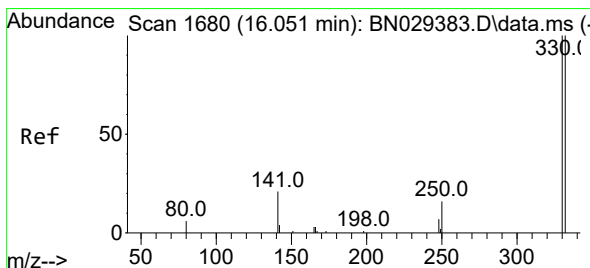
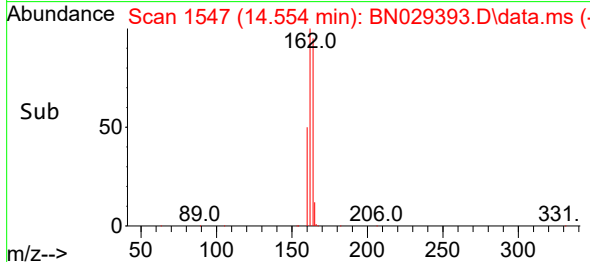
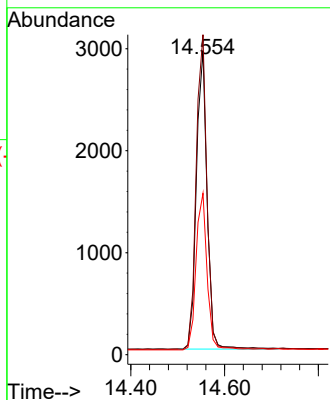
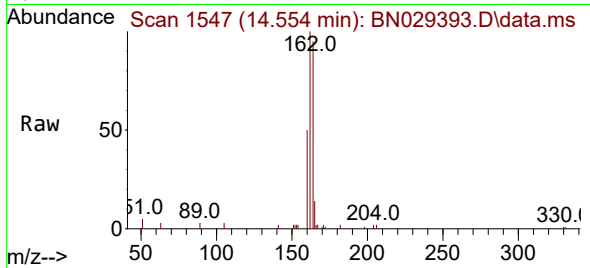




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.554 min Scan# 1547  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

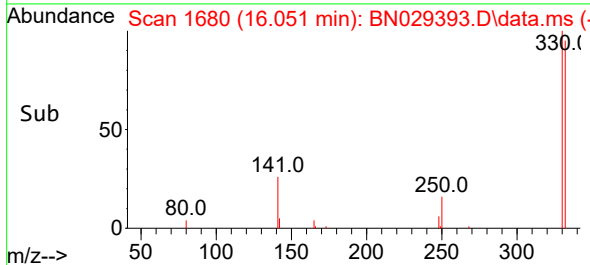
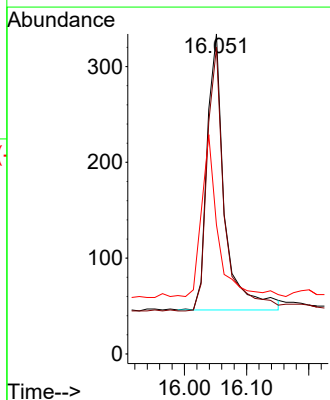
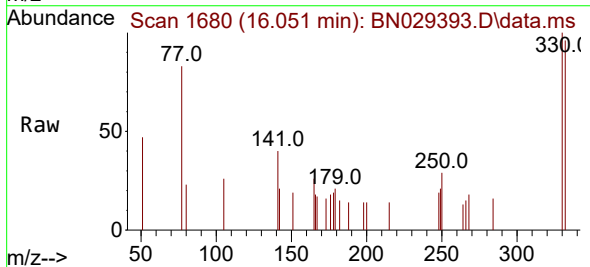
Instrument :  
BNA\_N  
ClientSampleId :  
PB158622BS

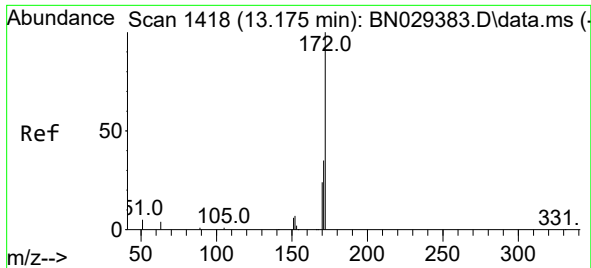
Tgt Ion:164 Resp: 4646  
Ion Ratio Lower Upper  
164 100  
162 105.4 81.3 121.9  
160 53.2 40.2 60.2



#14  
2,4,6-Tribromophenol  
Concen: 0.274 ng  
RT: 16.051 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

Tgt Ion:330 Resp: 561  
Ion Ratio Lower Upper  
330 100  
332 95.7 75.5 113.3  
141 54.9 43.0 64.6

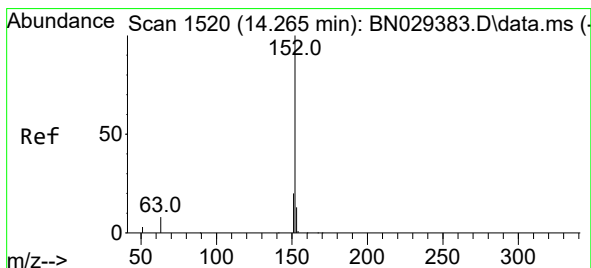
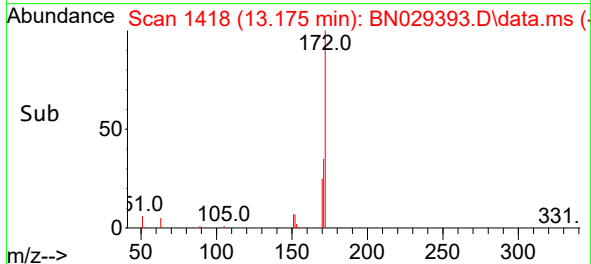
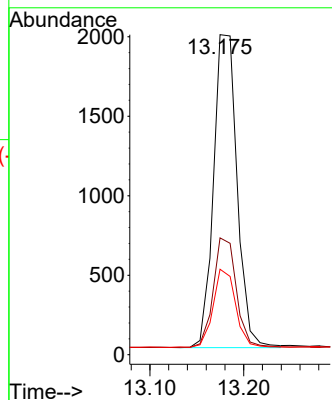
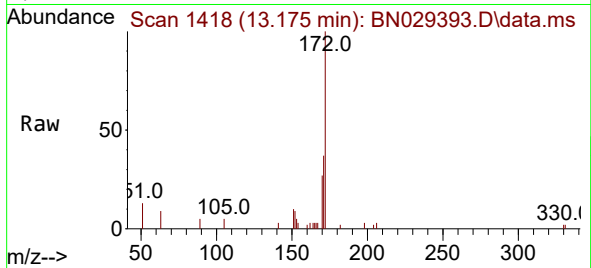




#15  
2-Fluorobiphenyl  
Concen: 0.160 ng  
RT: 13.175 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

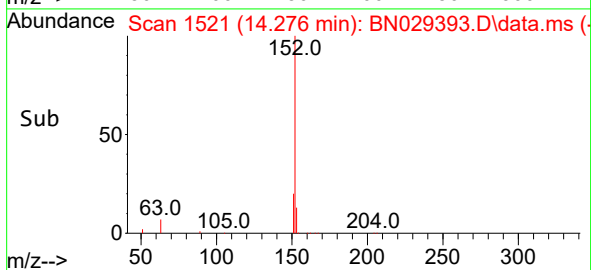
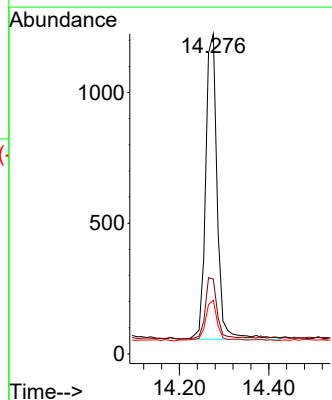
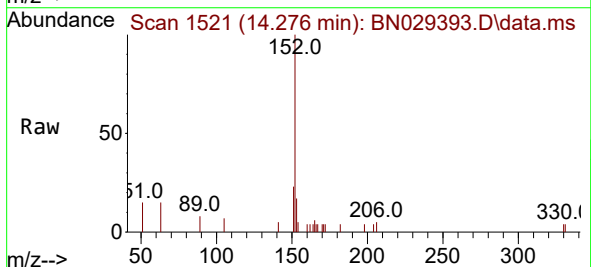
Instrument :  
BNA\_N  
ClientSampleId :  
PB158622BS

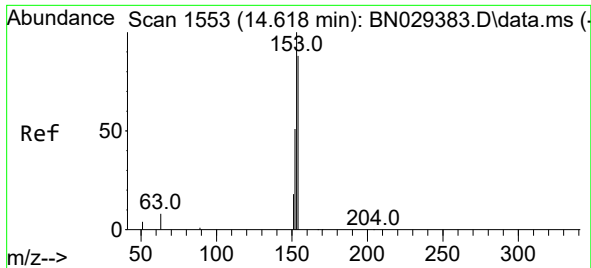
Tgt Ion:172 Resp: 3443  
Ion Ratio Lower Upper  
172 100  
171 36.5 28.6 43.0  
170 26.7 20.1 30.1



#16  
Acenaphthylene  
Concen: 0.085 ng  
RT: 14.276 min Scan# 1521  
Delta R.T. 0.011 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

Tgt Ion:152 Resp: 2093  
Ion Ratio Lower Upper  
152 100  
151 20.4 15.7 23.5  
153 14.0 10.4 15.6

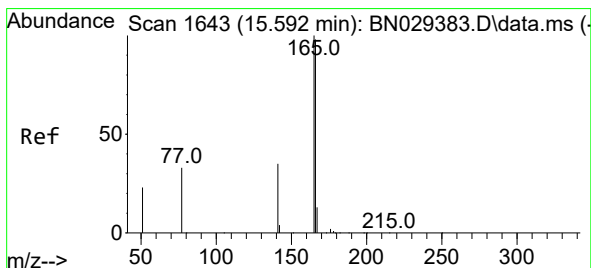
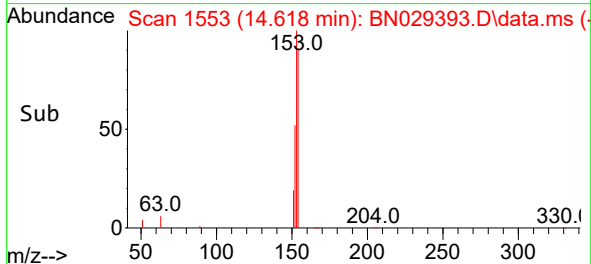
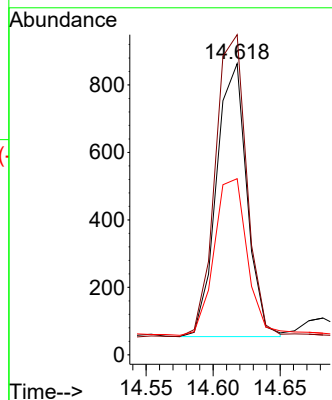
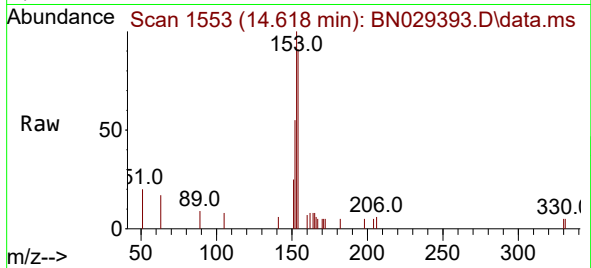




#17  
Acenaphthene  
Concen: 0.078 ng  
RT: 14.618 min Scan# 1553  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

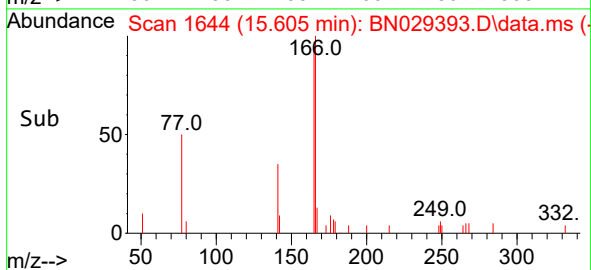
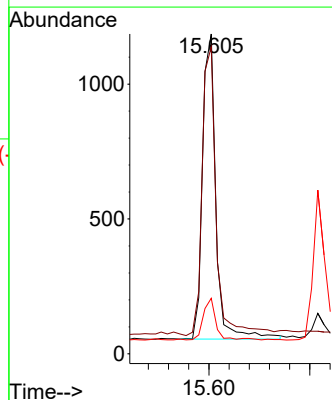
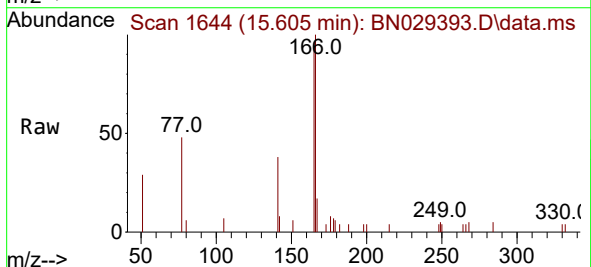
Instrument :  
BNA\_N  
ClientSampleId :  
PB158622BS

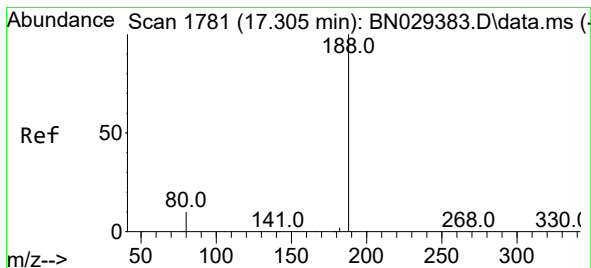
Tgt Ion:154 Resp: 1282  
Ion Ratio Lower Upper  
154 100  
153 116.5 93.6 140.4  
152 63.5 49.0 73.4



#18  
Fluorene  
Concen: 0.096 ng  
RT: 15.605 min Scan# 1644  
Delta R.T. 0.012 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

Tgt Ion:166 Resp: 2087  
Ion Ratio Lower Upper  
166 100  
165 99.2 79.7 119.5  
167 12.3 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN029393.D

Acq: 26 Jan 2024 12:25

Instrument :

BNA\_N

ClientSampleId :

PB158622BS

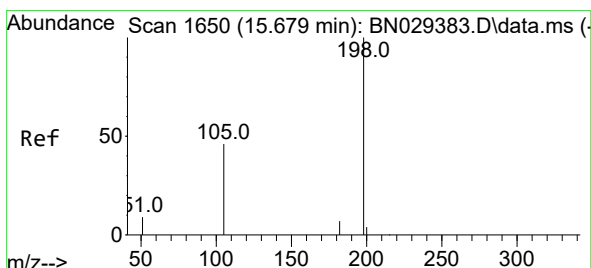
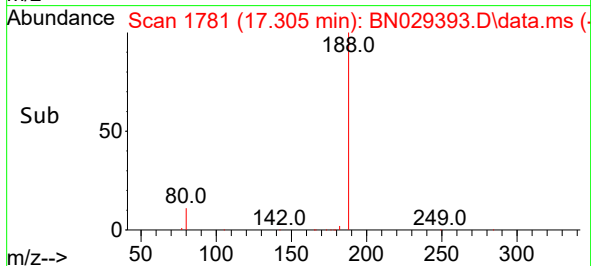
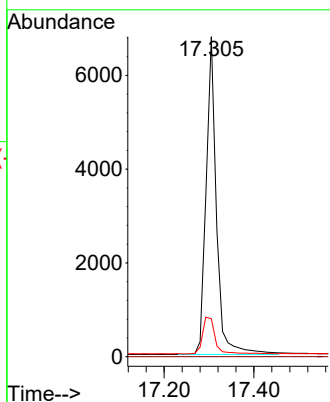
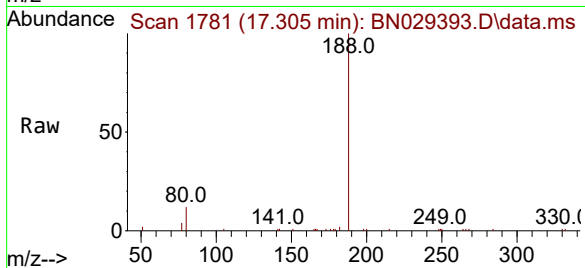
Tgt Ion:188 Resp: 10845

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.320 ng

RT: 15.679 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BN029393.D

Acq: 26 Jan 2024 12:25

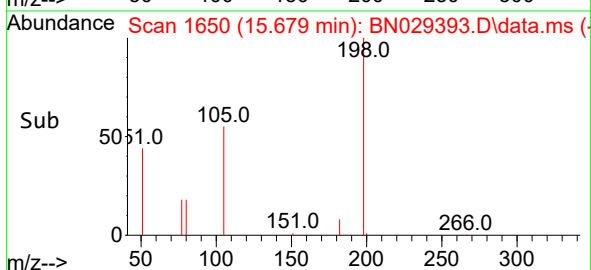
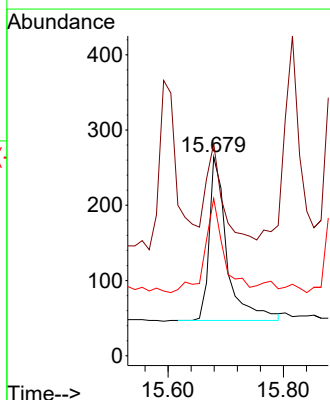
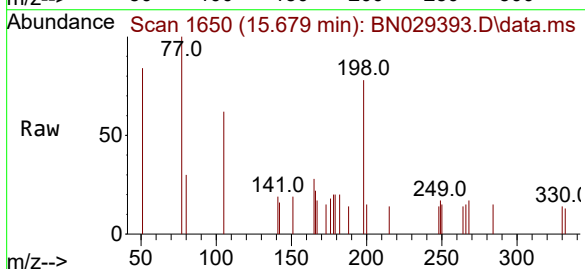
Tgt Ion:198 Resp: 465

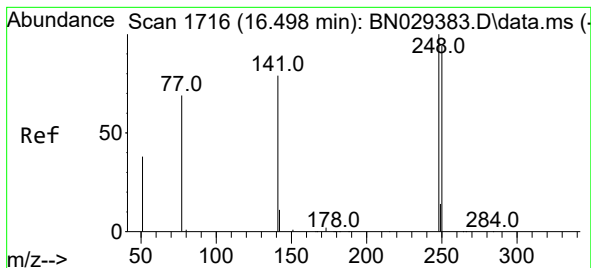
Ion Ratio Lower Upper

198 100

51 106.8 68.3 102.5#

105 79.2 48.8 73.2#

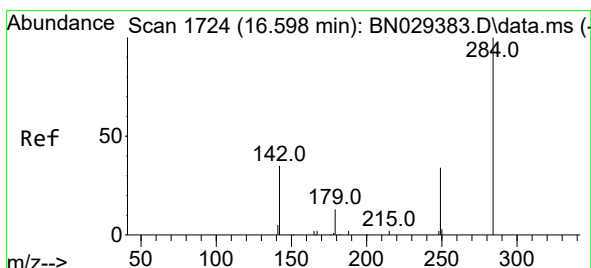
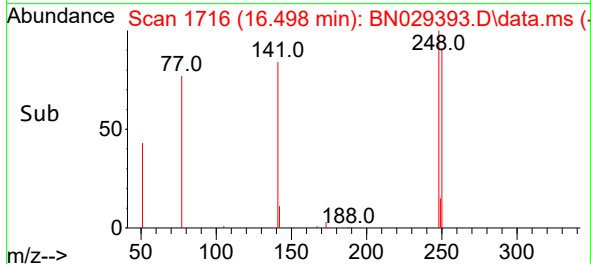
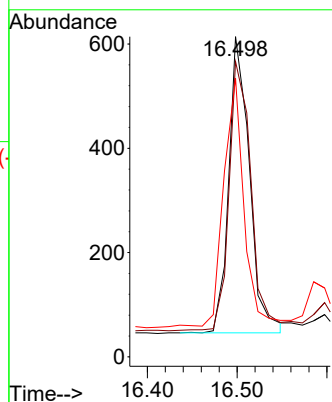
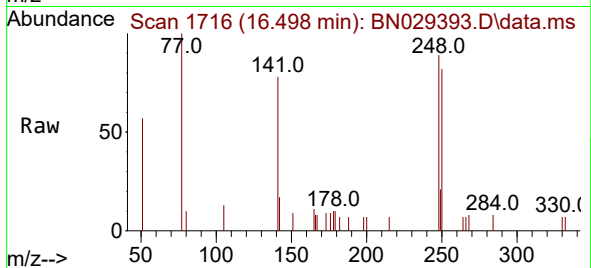




#21  
4-Bromophenyl-phenylether  
Concen: 0.123 ng  
RT: 16.498 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

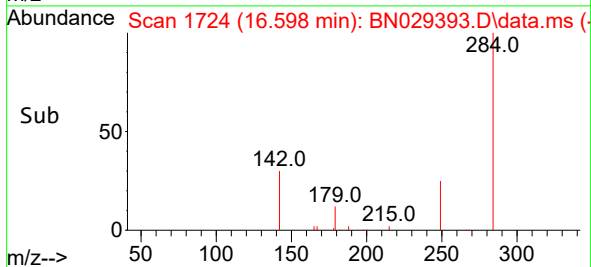
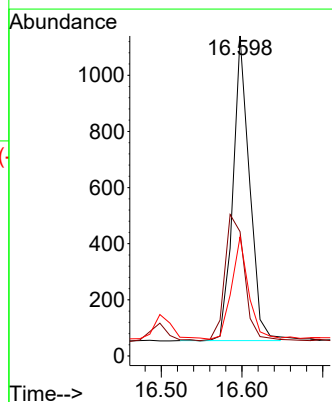
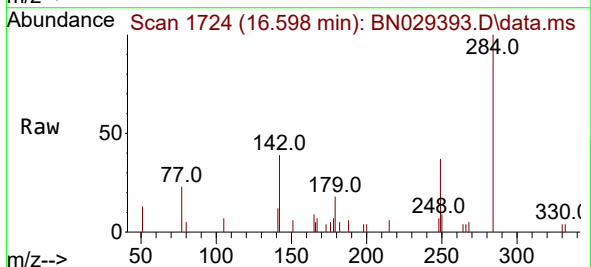
Instrument :  
BNA\_N  
ClientSampleId :  
PB158622BS

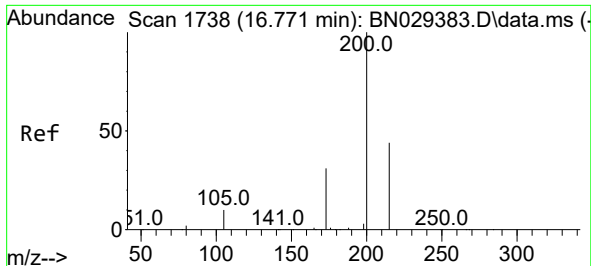
Tgt Ion:248 Resp: 909  
Ion Ratio Lower Upper  
248 100  
250 92.2 75.6 113.4  
141 87.0 64.0 96.0



#22  
Hexachlorobenzene  
Concen: 0.183 ng  
RT: 16.598 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

Tgt Ion:284 Resp: 1549  
Ion Ratio Lower Upper  
284 100  
142 49.1 37.8 56.8  
249 34.3 26.7 40.1

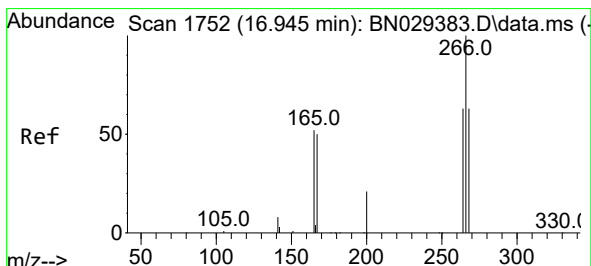
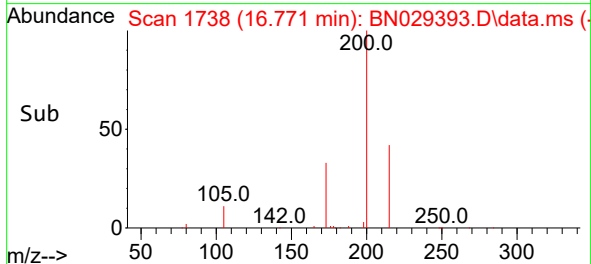
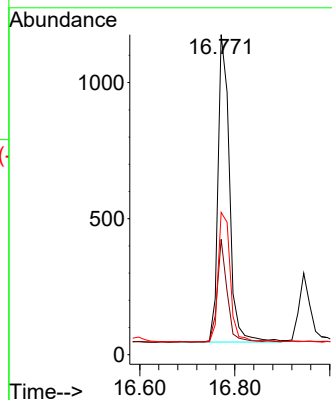
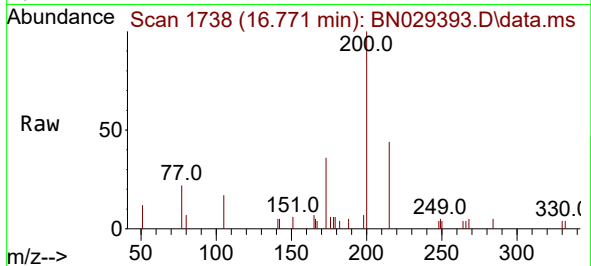




#23  
Atrazine  
Concen: 0.341 ng  
RT: 16.771 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

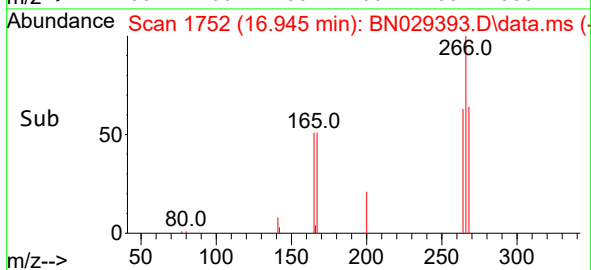
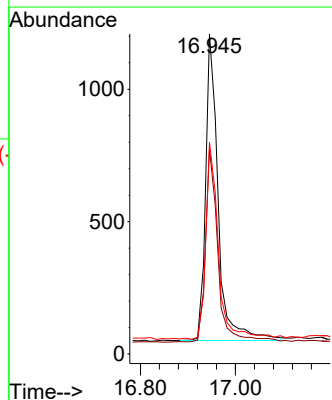
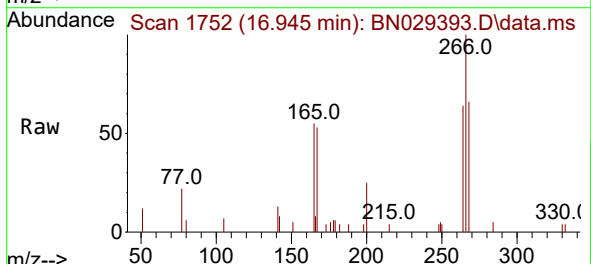
Instrument :  
BNA\_N  
ClientSampleId :  
PB158622BS

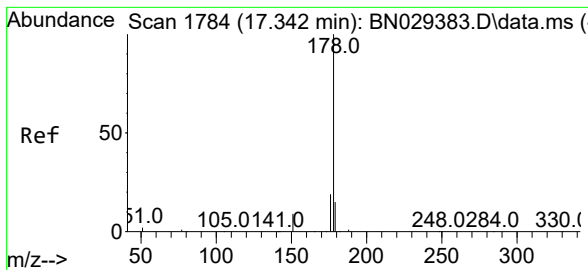
Tgt Ion:200 Resp: 1884  
Ion Ratio Lower Upper  
200 100  
173 36.1 26.6 40.0  
215 44.5 36.8 55.2



#24  
Pentachlorophenol  
Concen: 0.674 ng  
RT: 16.945 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

Tgt Ion:266 Resp: 2136  
Ion Ratio Lower Upper  
266 100  
264 61.7 50.6 75.8  
268 64.2 51.9 77.9

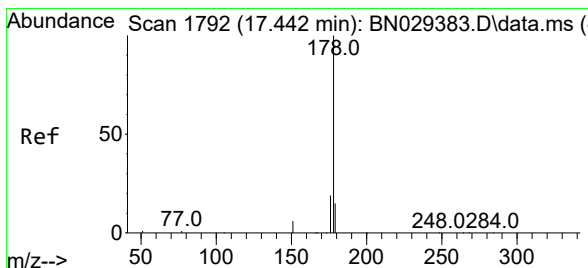
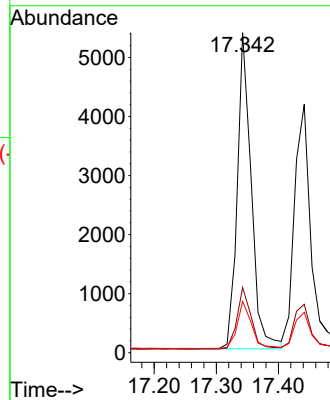
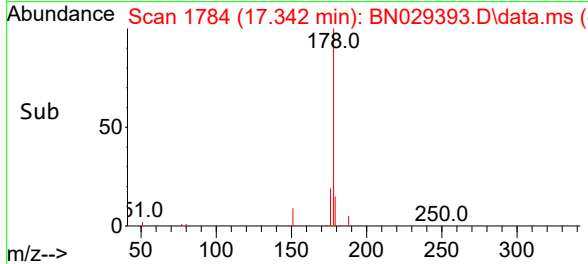
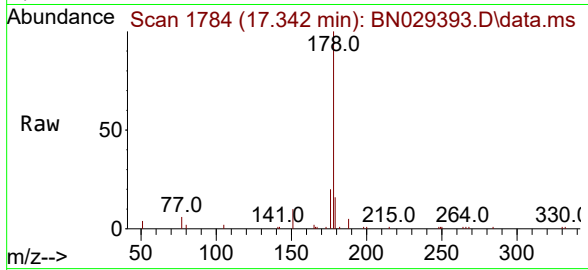




#25  
Phenanthrene  
Concen: 0.228 ng  
RT: 17.342 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

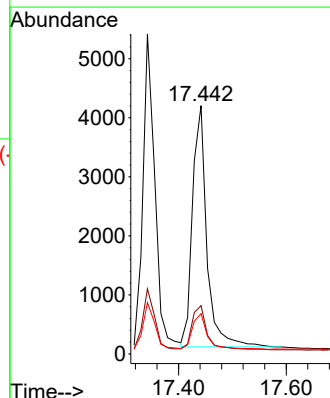
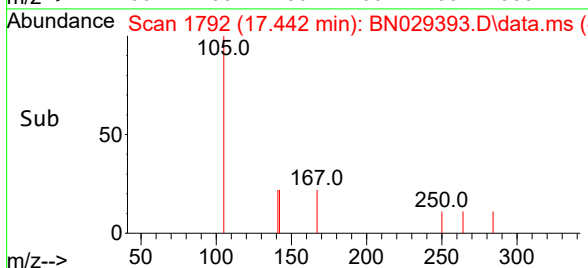
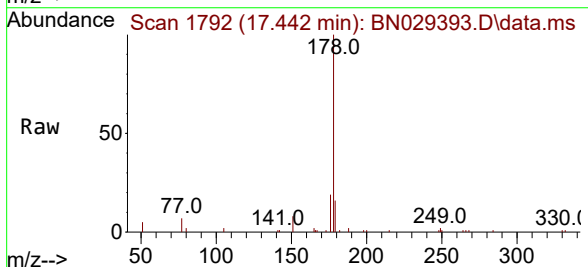
Instrument :  
BNA\_N  
ClientSampleId :  
PB158622BS

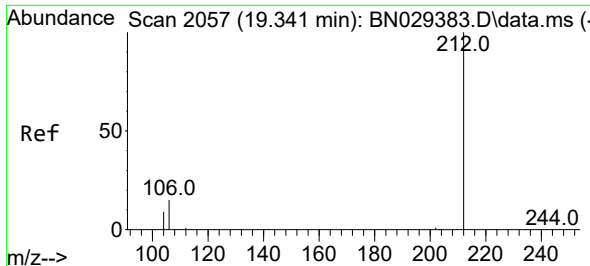
Tgt Ion:178 Resp: 8405  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.4 23.2  
179 15.3 12.2 18.4



#26  
Anthracene  
Concen: 0.233 ng  
RT: 17.442 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

Tgt Ion:178 Resp: 7600  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.2 22.8  
179 15.4 12.1 18.1

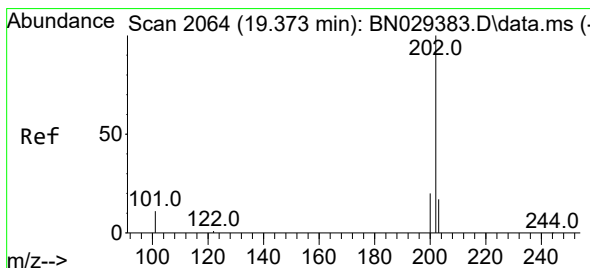
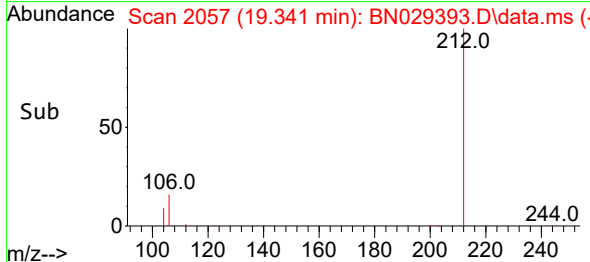
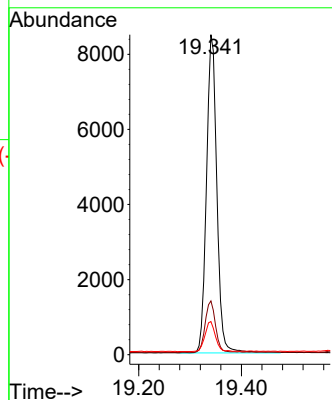
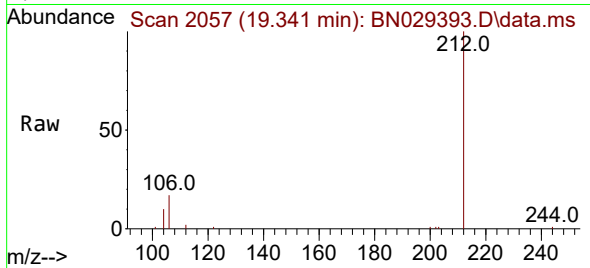




#27  
Fluoranthene-d10  
Concen: 0.378 ng  
RT: 19.341 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

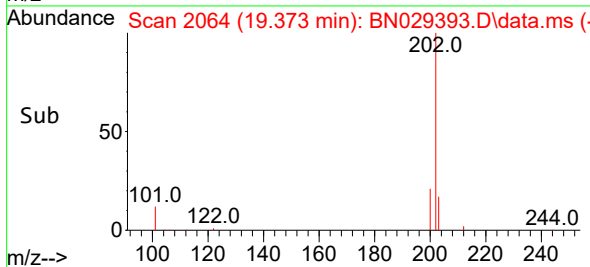
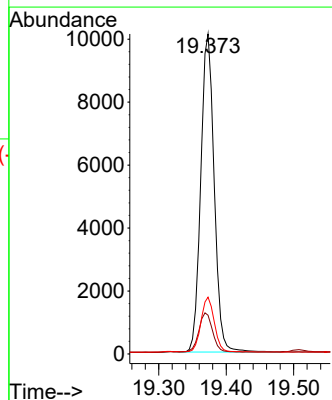
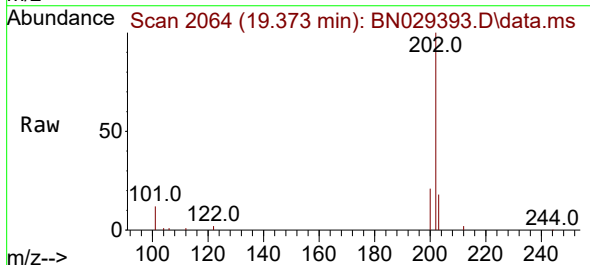
Instrument :  
BNA\_N  
ClientSampleId :  
PB158622BS

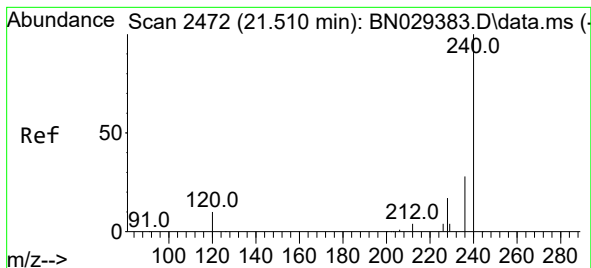
Tgt Ion:212 Resp: 11819  
Ion Ratio Lower Upper  
212 100  
106 16.2 12.8 19.2  
104 9.5 7.7 11.5



#28  
Fluoranthene  
Concen: 0.322 ng  
RT: 19.373 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

Tgt Ion:202 Resp: 13977  
Ion Ratio Lower Upper  
202 100  
101 12.8 10.5 15.7  
203 17.1 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.510 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN029393.D

Acq: 26 Jan 2024 12:25

Instrument :

BNA\_N

ClientSampleId :

PB158622BS

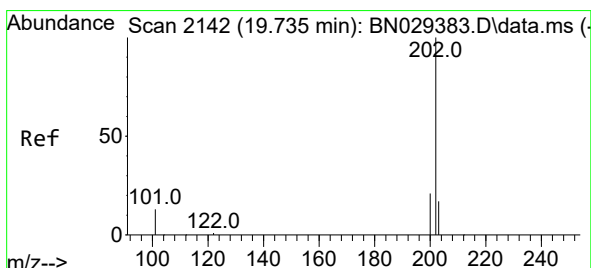
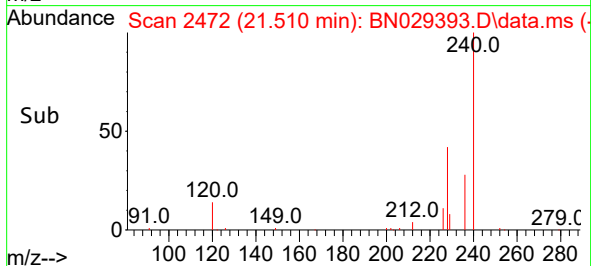
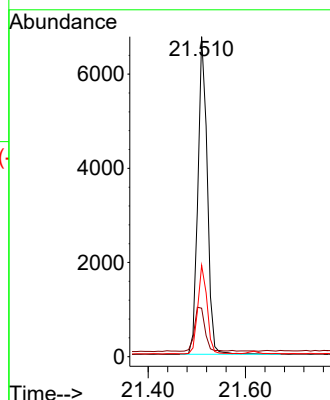
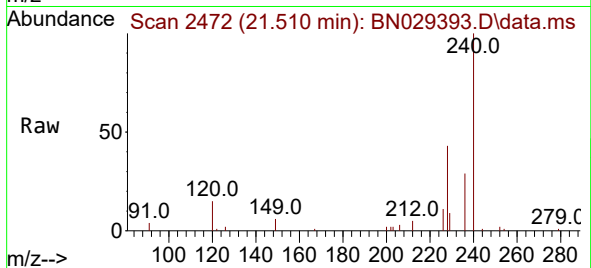
Tgt Ion:240 Resp: 8970

Ion Ratio Lower Upper

240 100

120 15.2 9.0 13.6#

236 28.5 22.6 34.0



#30

Pyrene

Concen: 0.353 ng

RT: 19.736 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BN029393.D

Acq: 26 Jan 2024 12:25

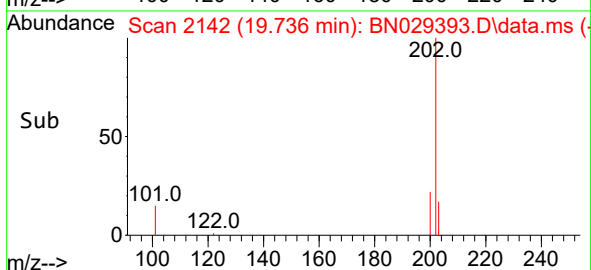
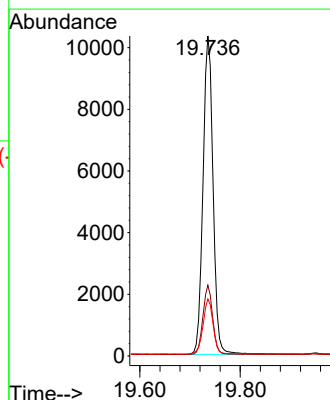
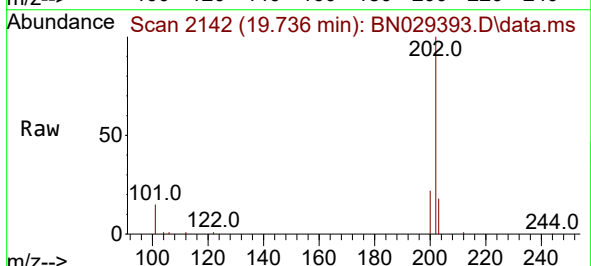
Tgt Ion:202 Resp: 14382

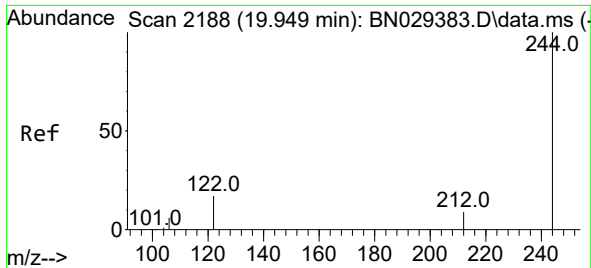
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.5 14.2 21.2

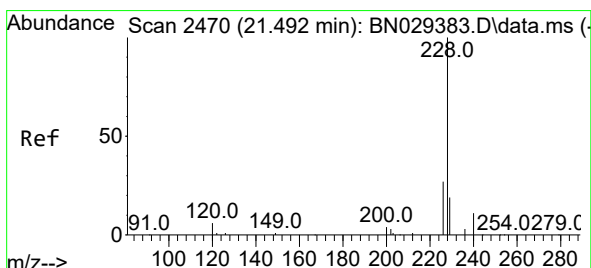
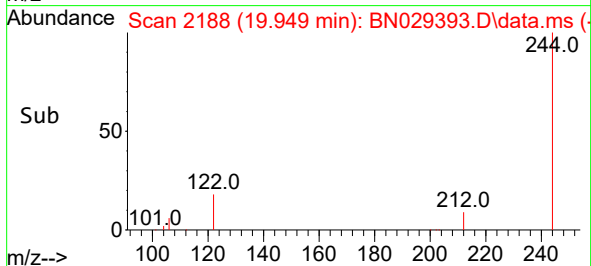
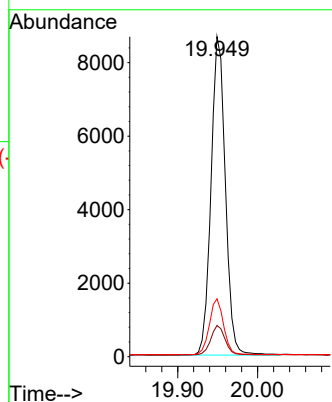
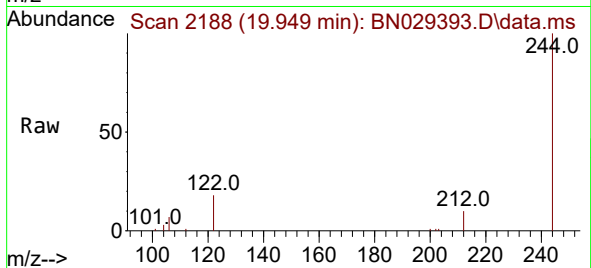




#31  
 Terphenyl-d14  
 Concen: 0.482 ng  
 RT: 19.949 min Scan# 2188  
 Delta R.T. 0.000 min  
 Lab File: BN029393.D  
 Acq: 26 Jan 2024 12:25

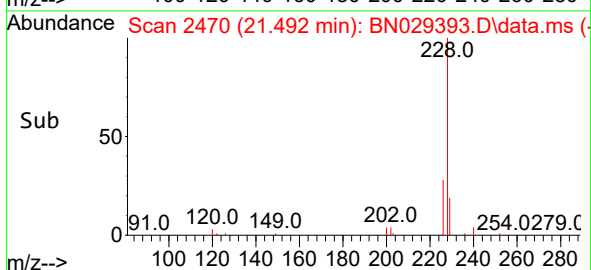
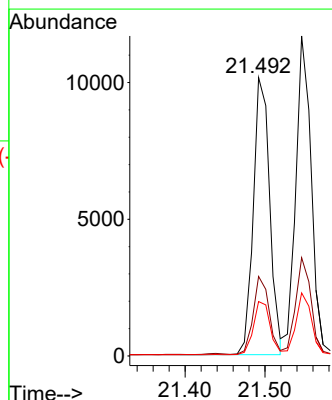
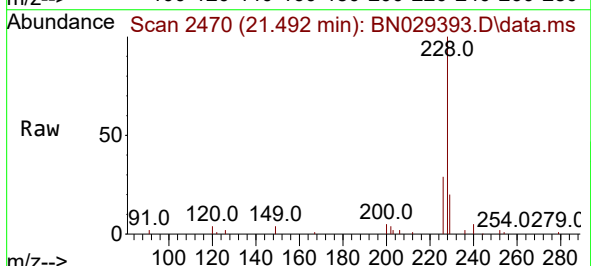
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158622BS

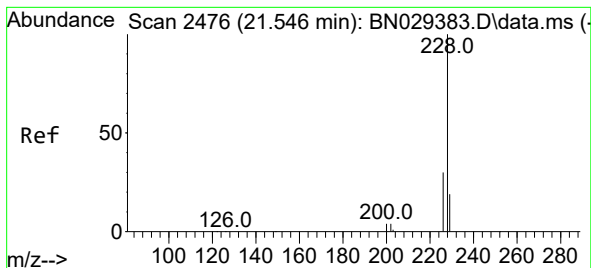
Tgt Ion:244 Resp: 10767  
 Ion Ratio Lower Upper  
 244 100  
 212 9.8 7.6 11.4  
 122 18.1 13.8 20.8



#32  
 Benzo(a)anthracene  
 Concen: 0.396 ng  
 RT: 21.492 min Scan# 2470  
 Delta R.T. 0.000 min  
 Lab File: BN029393.D  
 Acq: 26 Jan 2024 12:25

Tgt Ion:228 Resp: 14470  
 Ion Ratio Lower Upper  
 228 100  
 226 28.5 21.8 32.8  
 229 19.5 15.3 22.9





#33

Chrysene

Concen: 0.411 ng

RT: 21.546 min Scan# 2476

Delta R.T. 0.000 min

Lab File: BN029393.D

Acq: 26 Jan 2024 12:25

Instrument :

BNA\_N

ClientSampleId :

PB158622BS

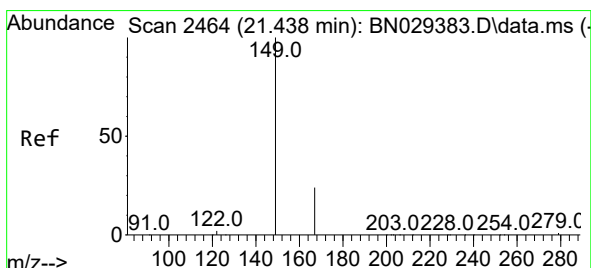
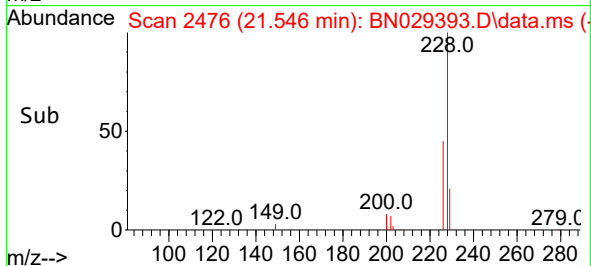
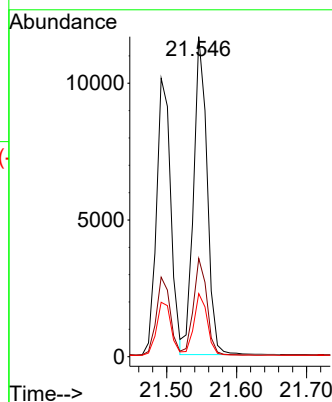
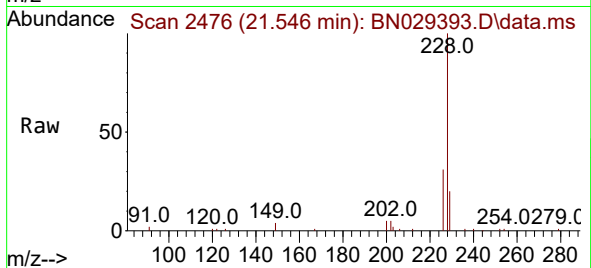
Tgt Ion:228 Resp: 15616

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

229 19.7 15.8 23.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.349 ng

RT: 21.447 min Scan# 2465

Delta R.T. 0.009 min

Lab File: BN029393.D

Acq: 26 Jan 2024 12:25

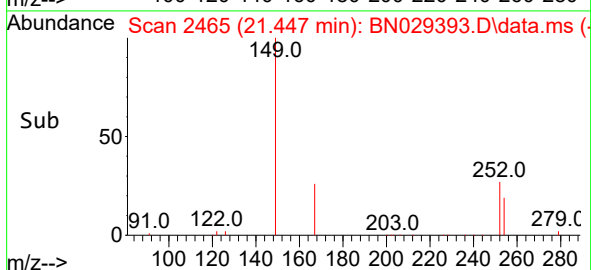
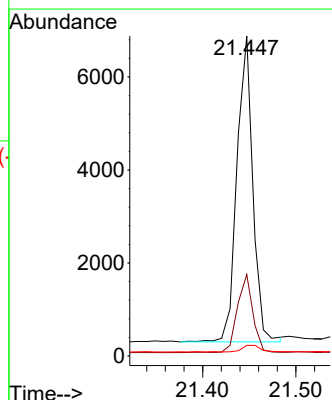
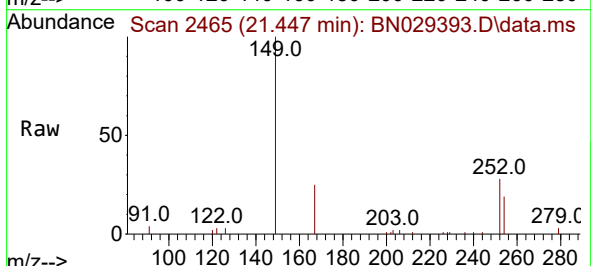
Tgt Ion:149 Resp: 7825

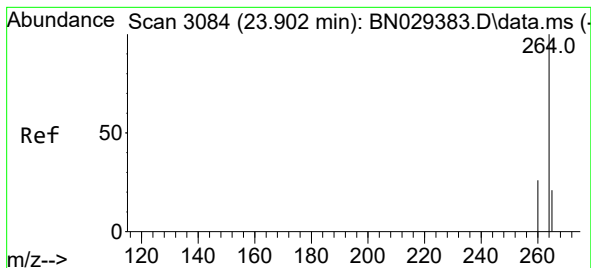
Ion Ratio Lower Upper

149 100

167 24.9 19.5 29.3

279 2.6 2.1 3.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.908 min Scan# 3084

Delta R.T. 0.006 min

Lab File: BN029393.D

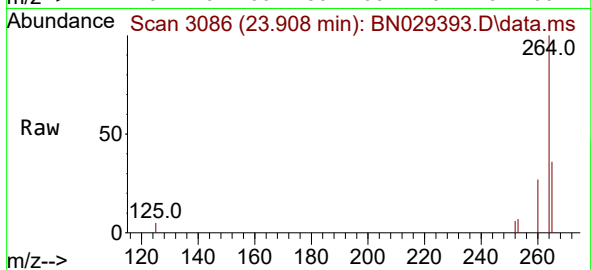
Acq: 26 Jan 2024 12:25

Instrument :

BNA\_N

ClientSampleId :

PB158622BS



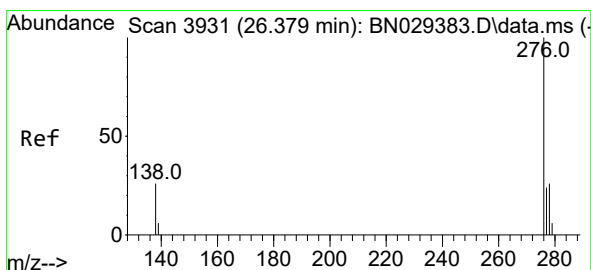
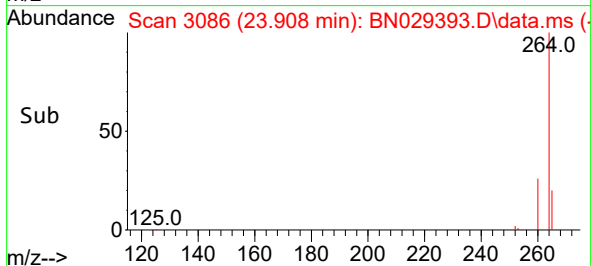
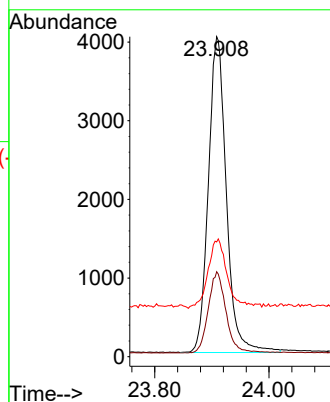
Tgt Ion:264 Resp: 8760

Ion Ratio Lower Upper

264 100

260 26.5 21.3 31.9

265 35.8 25.7 38.5



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.444 ng

RT: 26.388 min Scan# 3934

Delta R.T. 0.009 min

Lab File: BN029393.D

Acq: 26 Jan 2024 12:25

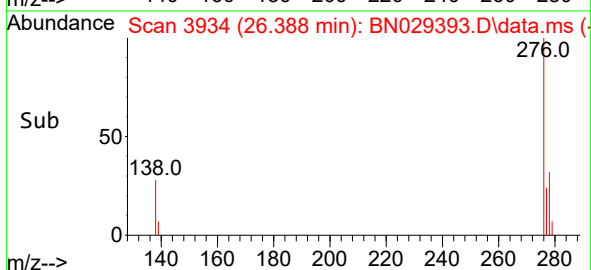
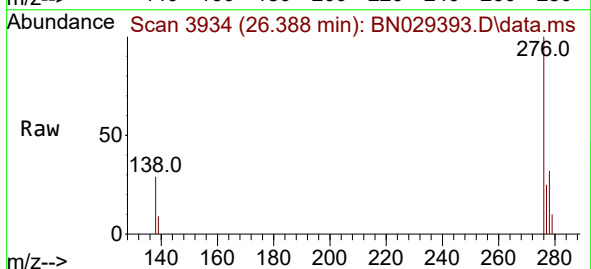
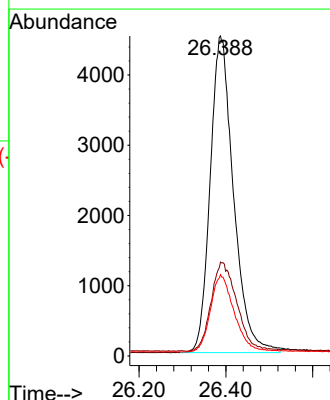
Tgt Ion:276 Resp: 16823

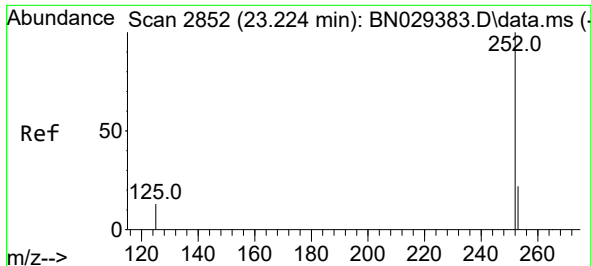
Ion Ratio Lower Upper

276 100

138 31.0 24.8 37.2

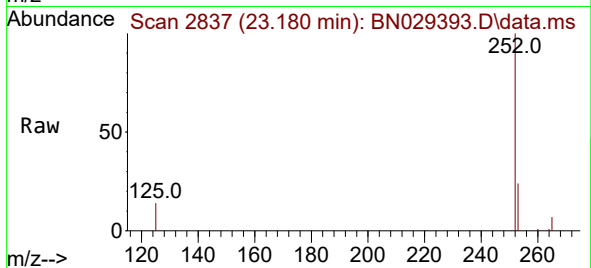
277 24.7 19.9 29.9



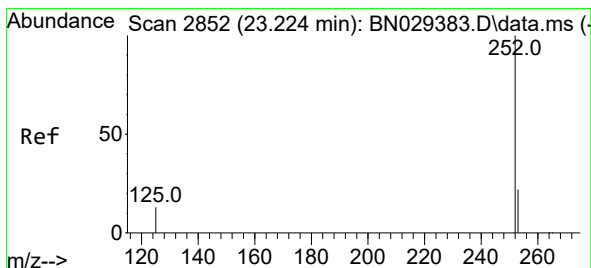
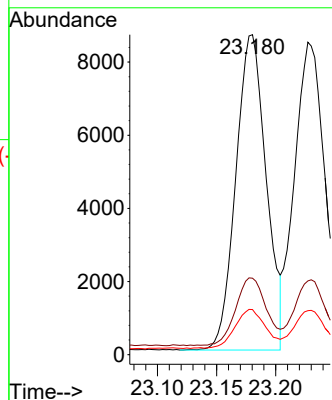


#37  
Benzo(b)fluoranthene  
Concen: 0.416 ng  
RT: 23.180 min Scan# 2837  
Delta R.T. 0.006 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

Instrument :  
BNA\_N  
ClientSampleId :  
PB158622BS

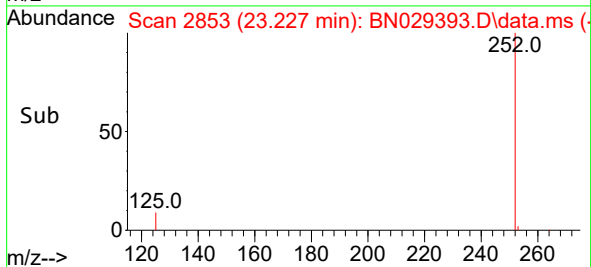
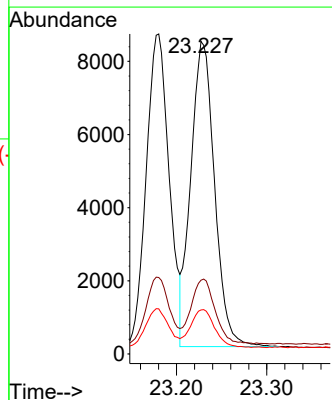
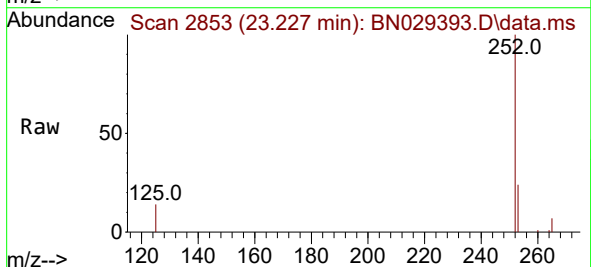


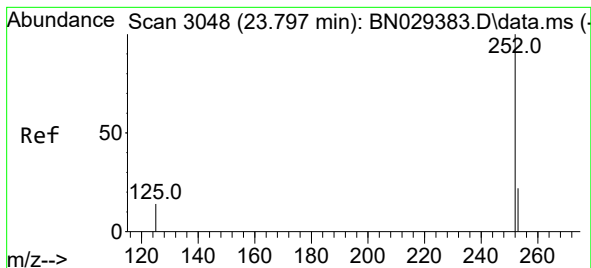
Tgt Ion:252 Resp: 15397  
Ion Ratio Lower Upper  
252 100  
253 23.9 18.9 28.3  
125 14.1 10.7 16.1



#38  
Benzo(k)fluoranthene  
Concen: 0.424 ng  
RT: 23.227 min Scan# 2853  
Delta R.T. 0.003 min  
Lab File: BN029393.D  
Acq: 26 Jan 2024 12:25

Tgt Ion:252 Resp: 15271  
Ion Ratio Lower Upper  
252 100  
253 23.6 19.8 29.6  
125 14.1 11.4 17.2





#39

Benzo(a)pyrene

Concen: 0.431 ng

RT: 23.803 min Scan# 3048

Delta R.T. 0.006 min

Lab File: BN029393.D

Acq: 26 Jan 2024 12:25

Instrument :

BNA\_N

ClientSampleId :

PB158622BS

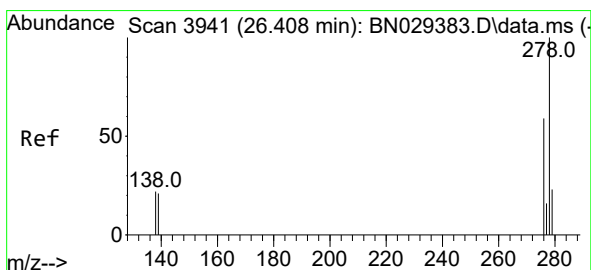
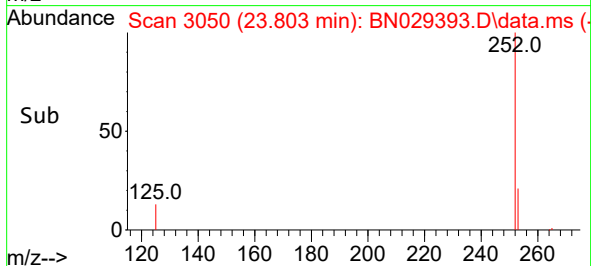
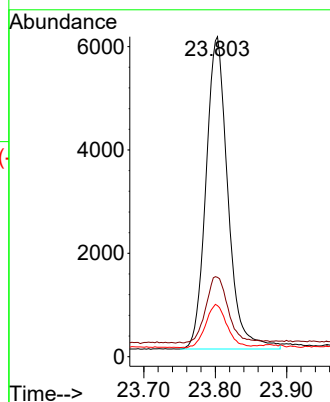
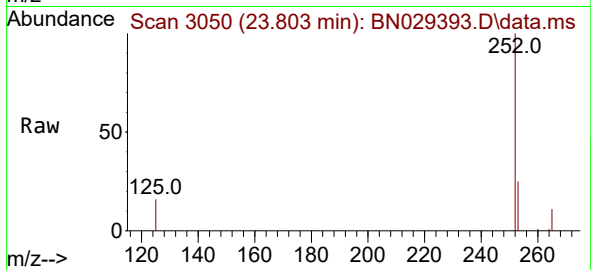
Tgt Ion:252 Resp: 12891

Ion Ratio Lower Upper

252 100

253 24.8 20.6 30.8

125 16.0 13.0 19.6



#40

Dibenzo(a,h)anthracene

Concen: 0.437 ng

RT: 26.417 min Scan# 3944

Delta R.T. 0.009 min

Lab File: BN029393.D

Acq: 26 Jan 2024 12:25

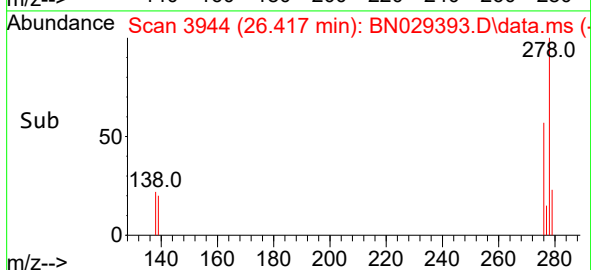
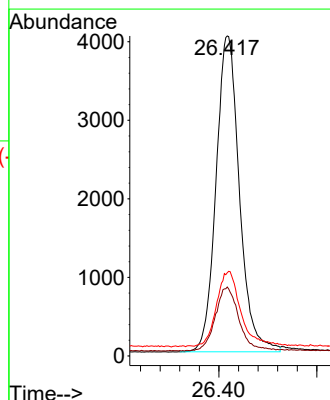
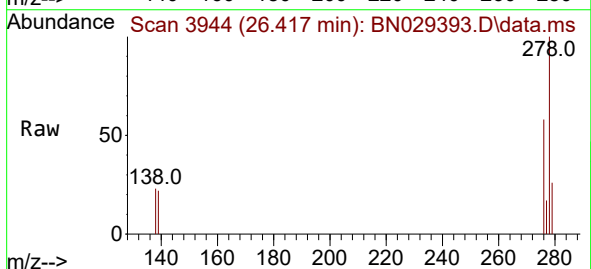
Tgt Ion:278 Resp: 13337

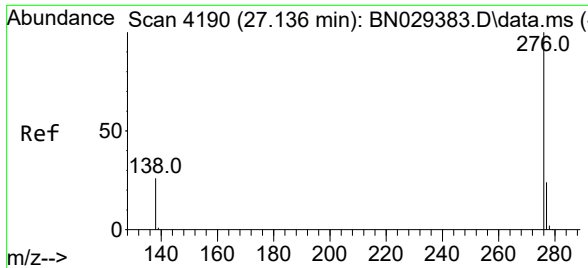
Ion Ratio Lower Upper

278 100

139 21.6 17.8 26.6

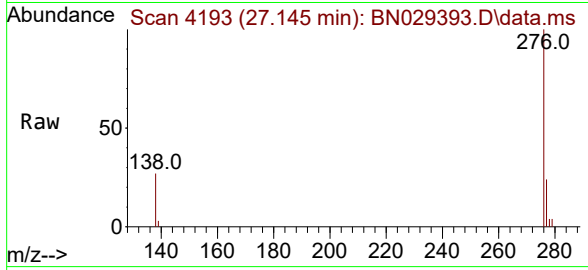
279 26.0 21.0 31.4





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.418 ng  
 RT: 27.145 min Scan# 41  
 Delta R.T. 0.009 min  
 Lab File: BN029393.D  
 Acq: 26 Jan 2024 12:25

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158622BS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 13848 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.5  | 19.7  | 29.5  |
| 138      | 27.2  | 22.0  | 33.0  |

