

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022424\  
 Data File : BN029996.D  
 Acq On : 24 Feb 2024 17:19  
 Operator : MA/JU  
 Sample : P1507-29MS  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D3-20240212MS

Quant Time: Feb 26 03:02:25 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 26 02:39:45 2024  
 Response via : Initial Calibration

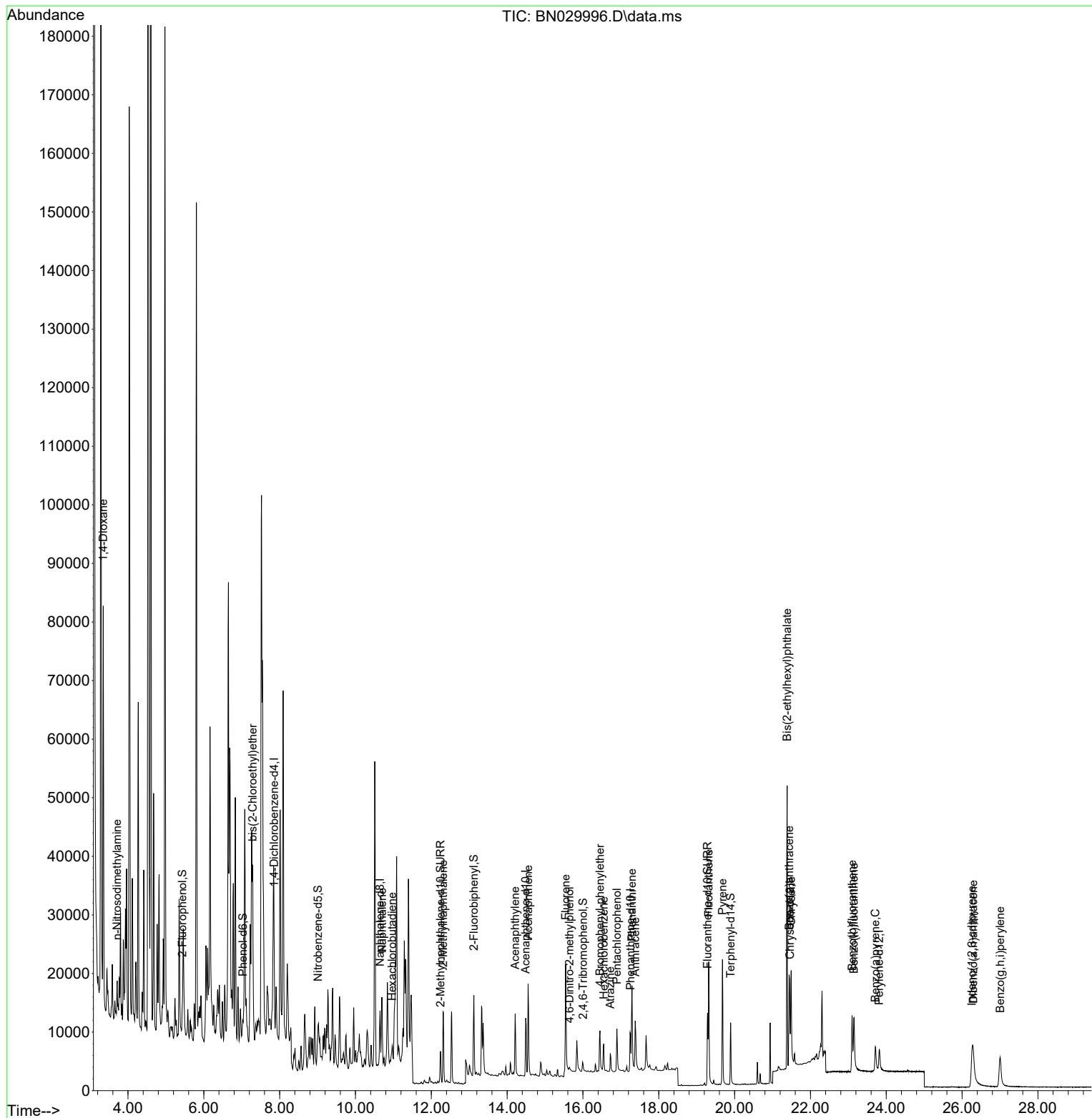
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 4834     | 0.400 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.648 | 136  | 12713    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.490 | 164  | 6333     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.255 | 188  | 12284    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.456 | 240  | 8480     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.815 | 264  | 6501     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.435  | 112  | 2101     | 0.181 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.031  | 99   | 2474     | 0.185 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.014  | 82   | 5323     | 0.503 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.242 | 152  | 7547     | 0.436 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.002 | 330  | 1092     | 0.537 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.121 | 172  | 12129    | 0.446 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.285 | 212  | 15120    | 0.508 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.893 | 244  | 11556    | 0.549 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.348  | 88   | 37854    | 5.562 | ng    | # 95     |
| 3) n-Nitrosodimethylamine     | 3.709  | 42   | 2368     | 0.427 | ng    | # 1      |
| 6) bis(2-Chloroethyl)ether    | 7.291  | 93   | 5717     | 0.447 | ng    | # 84     |
| 9) Naphthalene                | 10.701 | 128  | 14532    | 0.401 | ng    | # 99     |
| 10) Hexachlorobutadiene       | 10.968 | 225  | 2512     | 0.366 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.314 | 142  | 9139     | 0.430 | ng    | 98       |
| 16) Acenaphthylene            | 14.212 | 152  | 12842    | 0.427 | ng    | 98       |
| 17) Acenaphthene              | 14.554 | 154  | 8323     | 0.412 | ng    | 97       |
| 18) Fluorene                  | 15.542 | 166  | 10441    | 0.412 | ng    | 97       |
| 20) 4,6-Dinitro-2-methylph... | 15.642 | 198  | 460      | 0.255 | ng    | # 65     |
| 21) 4-Bromophenyl-phenylether | 16.448 | 248  | 3202     | 0.438 | ng    | # 78     |
| 22) Hexachlorobenzene         | 16.548 | 284  | 3820     | 0.426 | ng    | 93       |
| 23) Atrazine                  | 16.722 | 200  | 2776     | 0.534 | ng    | 94       |
| 24) Pentachlorophenol         | 16.895 | 266  | 3949     | 1.389 | ng    | 98       |
| 25) Phenanthrene              | 17.293 | 178  | 17211    | 0.474 | ng    | 100      |
| 26) Anthracene                | 17.379 | 178  | 11602    | 0.375 | ng    | 98       |
| 28) Fluoranthene              | 19.317 | 202  | 19427    | 0.476 | ng    | # 95     |
| 30) Pyrene                    | 19.680 | 202  | 20593    | 0.527 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.438 | 228  | 13749    | 0.475 | ng    | 100      |
| 33) Chrysene                  | 21.492 | 228  | 16531    | 0.502 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.384 | 149  | 43499    | 2.203 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.259 | 276  | 15139    | 0.579 | ng    | 92       |
| 37) Benzo(b)fluoranthene      | 23.098 | 252  | 13578    | 0.584 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 23.145 | 252  | 13932    | 0.572 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.712 | 252  | 8776     | 0.433 | ng    | # 87     |
| 40) Dibenzo(a,h)anthracene    | 26.294 | 278  | 12257    | 0.589 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 27.004 | 276  | 13574    | 0.536 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

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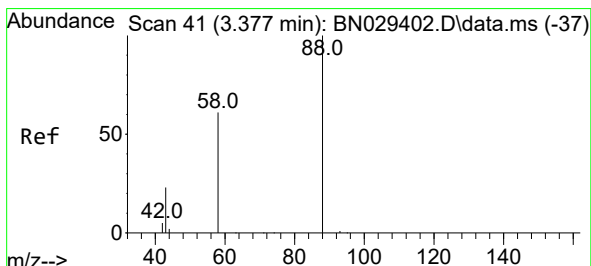
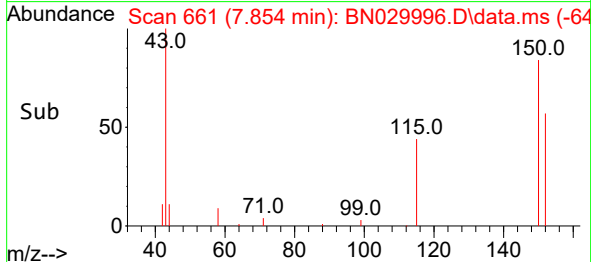
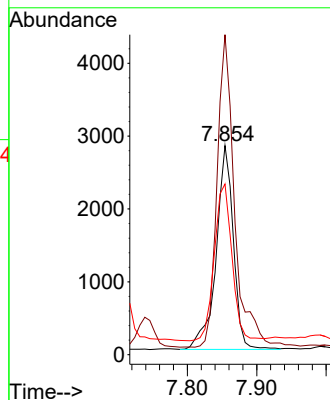
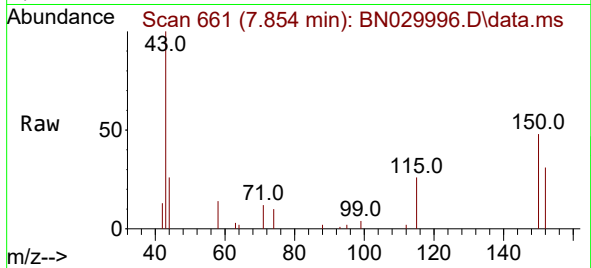




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.854 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

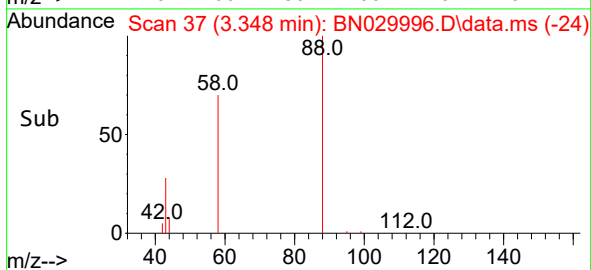
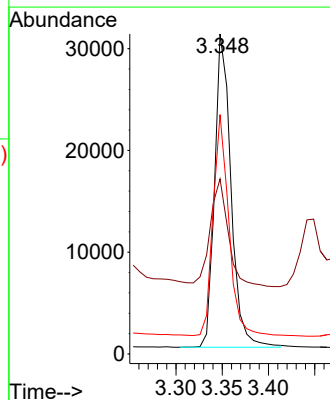
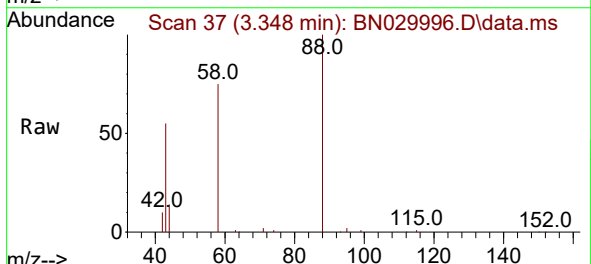
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20240212MS

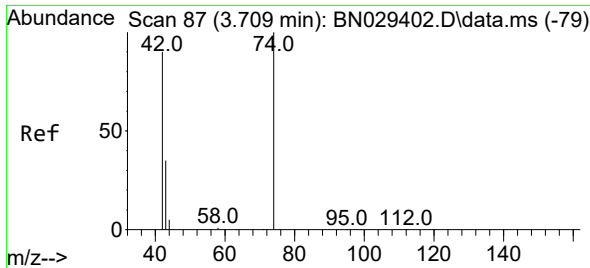
Tgt Ion:152 Resp: 4834  
Ion Ratio Lower Upper  
152 100  
150 153.0 123.0 184.4  
115 81.6 51.4 77.0#



#2  
1,4-Dioxane  
Concen: 5.562 ng  
RT: 3.348 min Scan# 37  
Delta R.T. -0.007 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

Tgt Ion: 88 Resp: 37854  
Ion Ratio Lower Upper  
88 100  
43 37.8 23.3 34.9#  
58 67.4 53.8 80.6

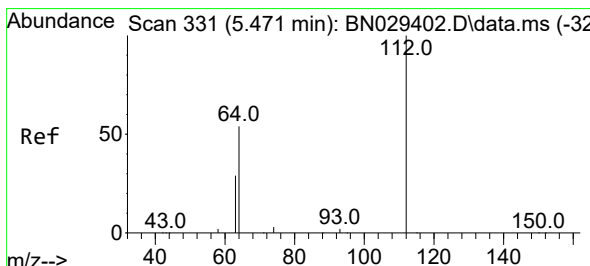
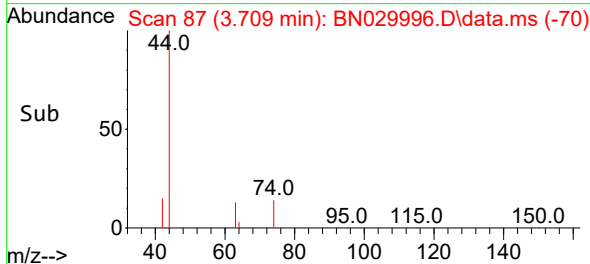
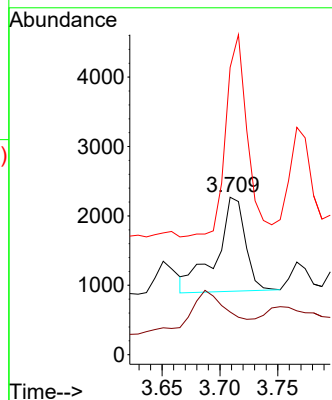
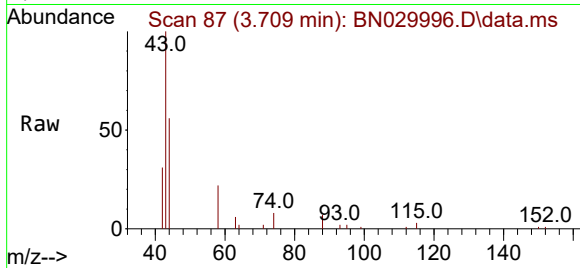




#3  
n-Nitrosodimethylamine  
Concen: 0.427 ng  
RT: 3.709 min Scan# 81  
Delta R.T. 0.022 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

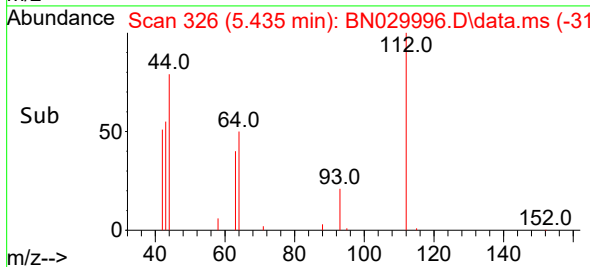
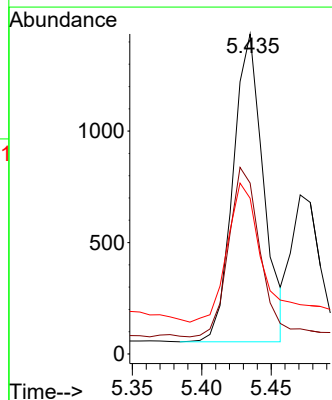
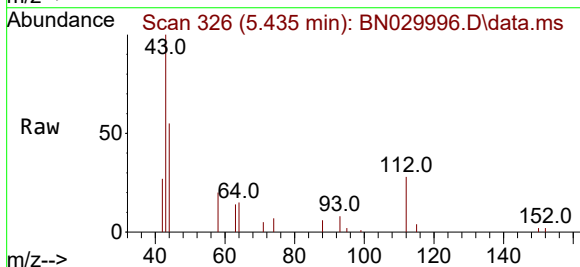
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20240212MS

Tgt Ion: 42 Resp: 2368  
Ion Ratio Lower Upper  
42 100  
74 0.0 93.7 140.5#  
44 158.0 13.0 19.4#



#4  
2-Fluorophenol  
Concen: 0.181 ng  
RT: 5.435 min Scan# 326  
Delta R.T. 0.007 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

Tgt Ion: 112 Resp: 2101  
Ion Ratio Lower Upper  
112 100  
64 59.7 47.2 70.8  
63 58.3 25.8 38.6#

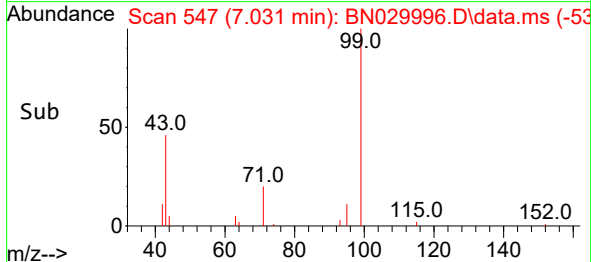
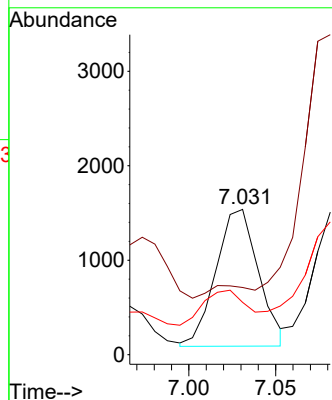
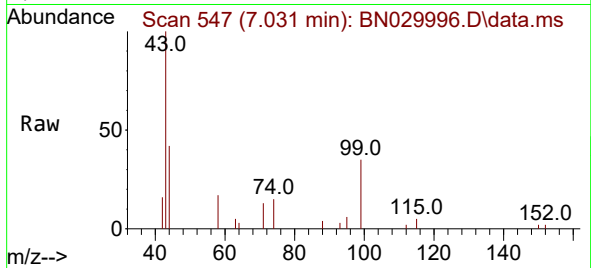




#5  
Phenol-d6  
Concen: 0.185 ng  
RT: 7.031 min Scan# 54  
Delta R.T. 0.007 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

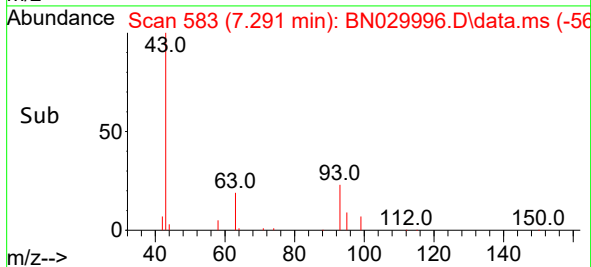
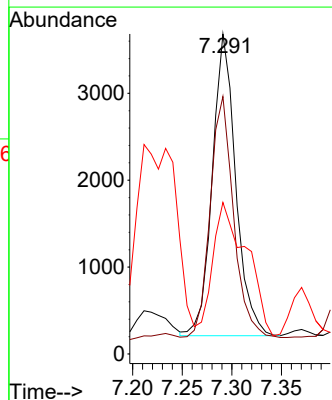
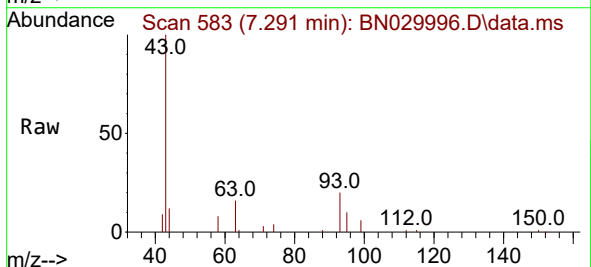
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20240212MS

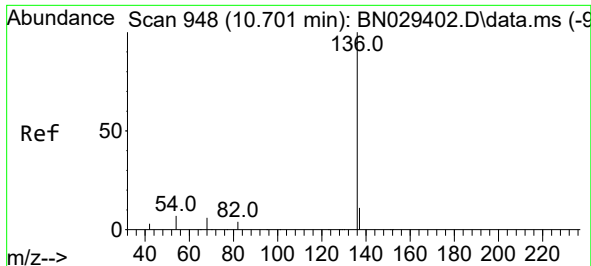
Tgt Ion: 99 Resp: 2474  
Ion Ratio Lower Upper  
99 100  
42 9.1 16.9 25.3#  
71 25.3 30.0 45.0#



#6  
bis(2-Chloroethyl)ether  
Concen: 0.447 ng  
RT: 7.291 min Scan# 583  
Delta R.T. -0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

Tgt Ion: 93 Resp: 5717  
Ion Ratio Lower Upper  
93 100  
63 79.6 63.1 94.7  
95 63.3 27.1 40.7#

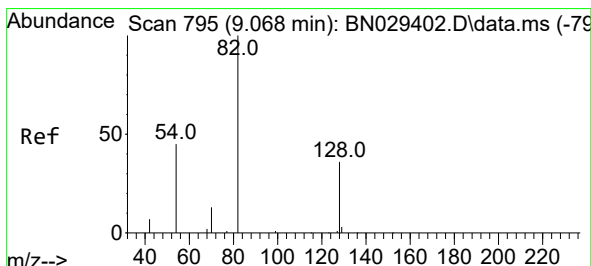
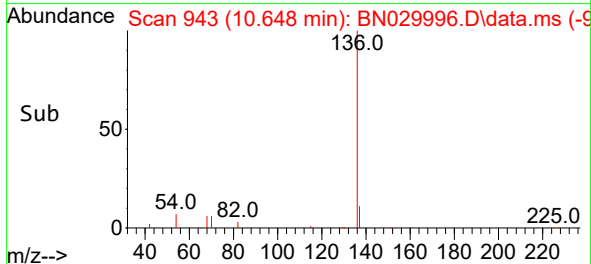
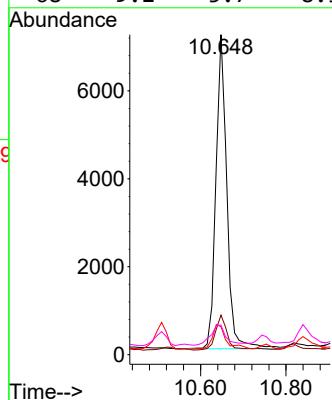
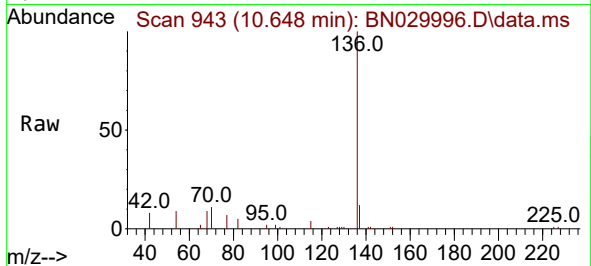




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

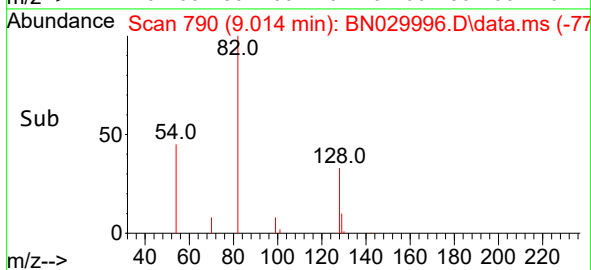
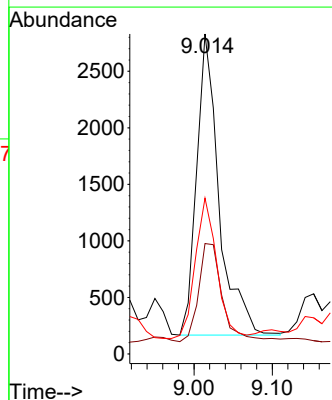
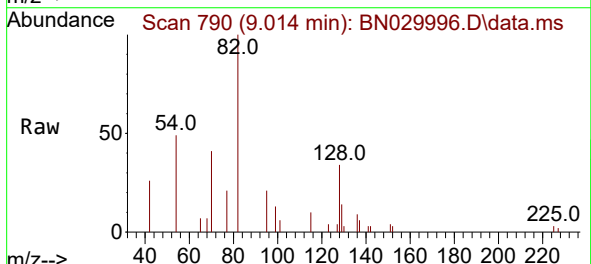
Instrument :  
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RE134D3-20240212MS

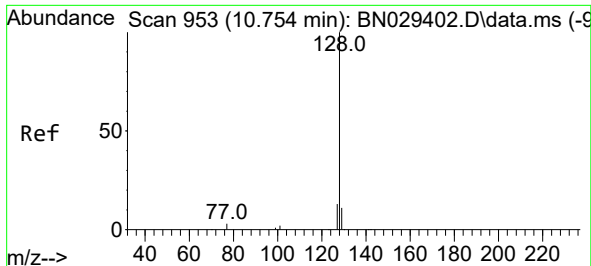
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 12713 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.4  | 9.7   | 14.5  |
| 54       | 8.7   | 6.6   | 10.0  |
| 68       | 9.2   | 5.7   | 8.5   |



#8  
Nitrobenzene-d5  
Concen: 0.503 ng  
RT: 9.014 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 5323  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 34.5  | 31.6  | 47.4  |
| 54       | 48.7  | 38.2  | 57.4  |

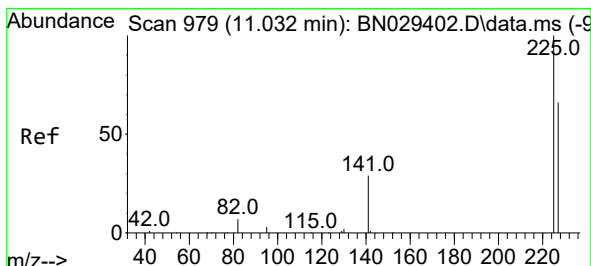
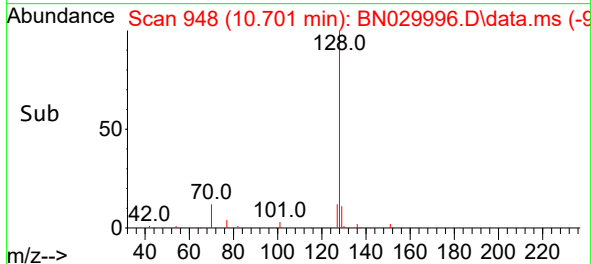
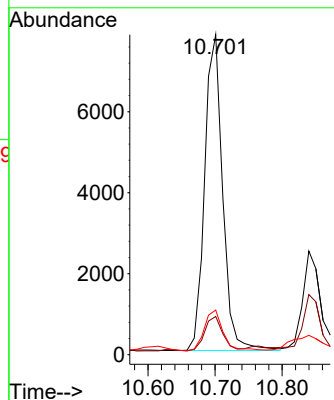
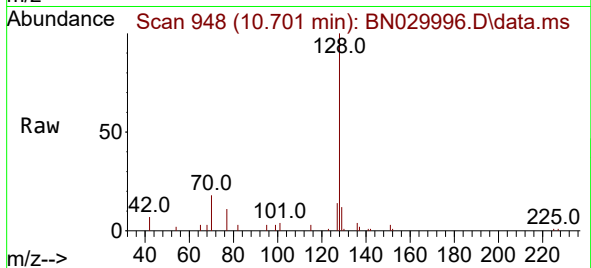




#9  
Naphthalene  
Concen: 0.401 ng  
RT: 10.701 min Scan# 948  
Delta R.T. -0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

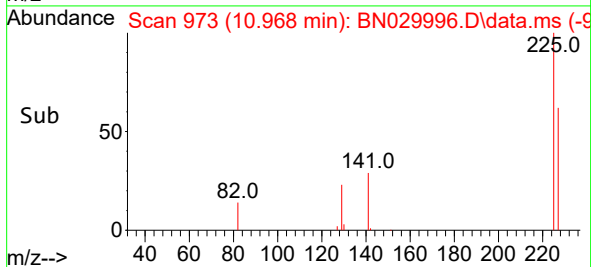
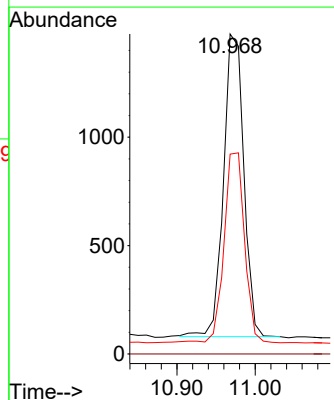
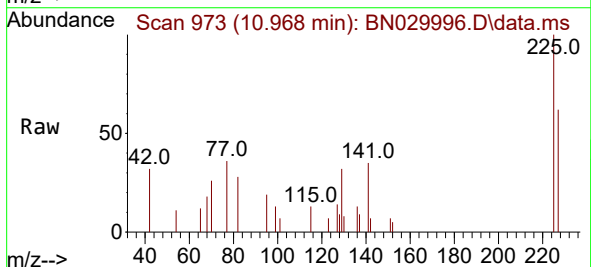
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BNA\_N  
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Tgt Ion:128 Resp: 14532  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.5 14.3  
127 13.9 10.8 16.2



#10  
Hexachlorobutadiene  
Concen: 0.366 ng  
RT: 10.968 min Scan# 973  
Delta R.T. -0.011 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

Tgt Ion:225 Resp: 2512  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.5 51.1 76.7

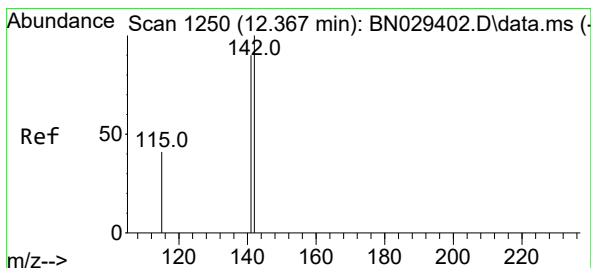
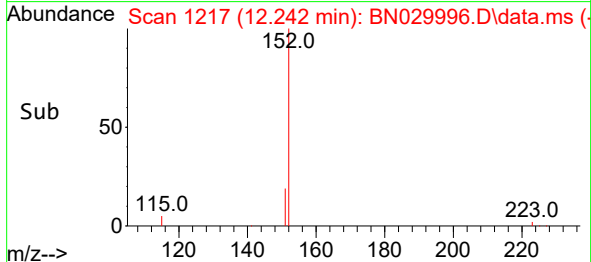
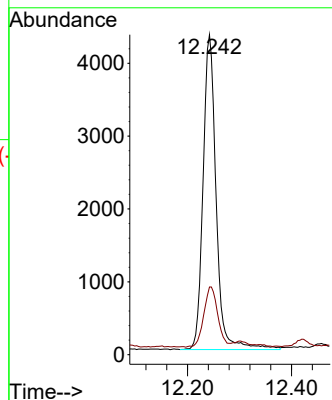
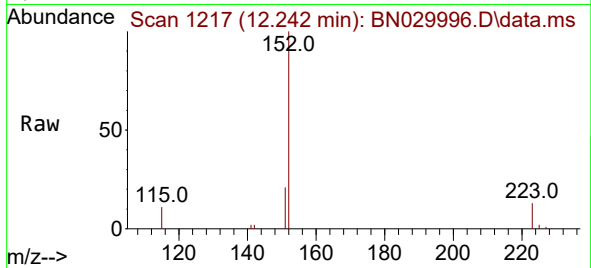




#11  
2-Methylnaphthalene-d10  
Concen: 0.436 ng  
RT: 12.242 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

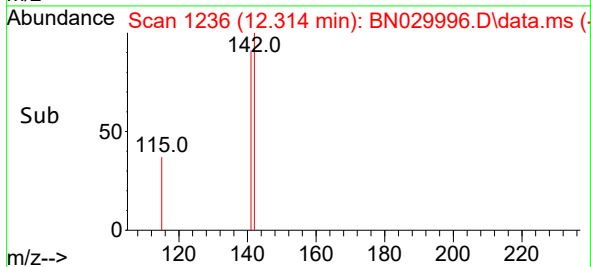
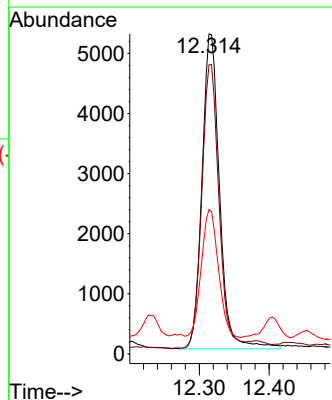
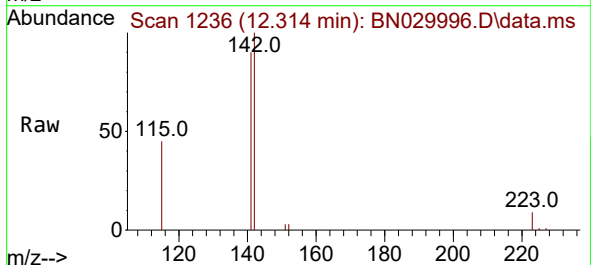
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20240212MS

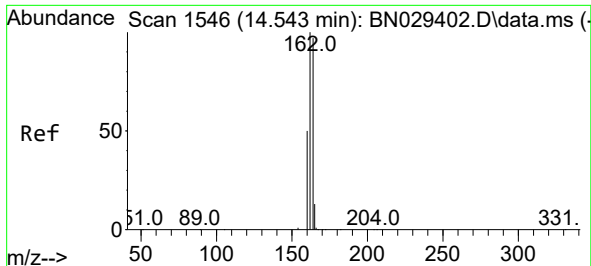
Tgt Ion:152 Resp: 7547  
Ion Ratio Lower Upper  
152 100  
151 20.4 17.1 25.7



#12  
2-Methylnaphthalene  
Concen: 0.430 ng  
RT: 12.314 min Scan# 1236  
Delta R.T. -0.004 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

Tgt Ion:142 Resp: 9139  
Ion Ratio Lower Upper  
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141 90.4 71.9 107.9  
115 45.2 33.9 50.9

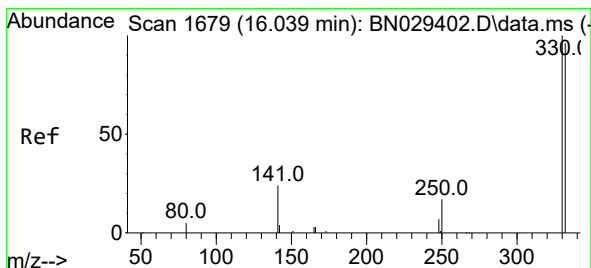
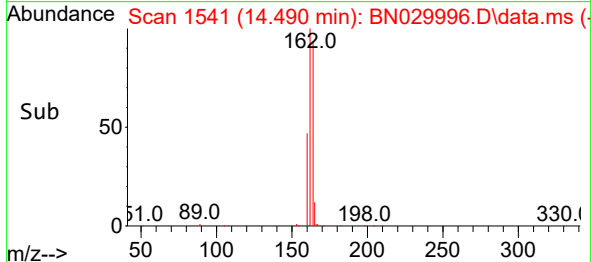
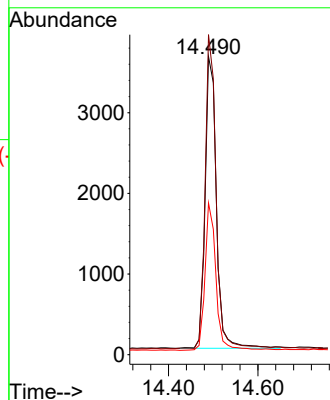
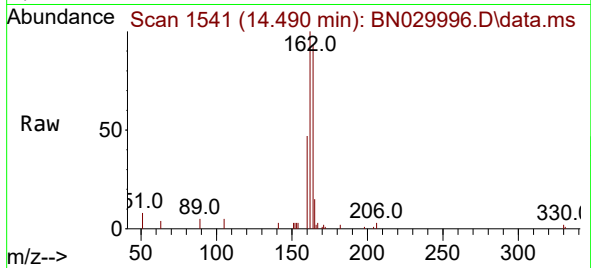




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.490 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

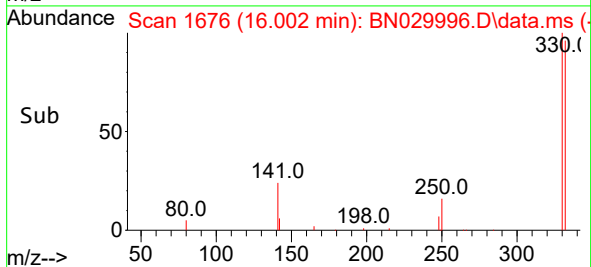
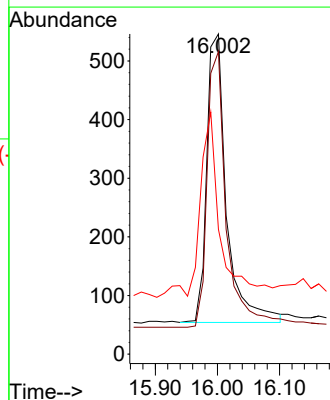
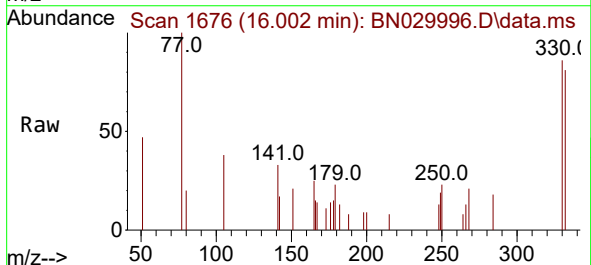
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20240212MS

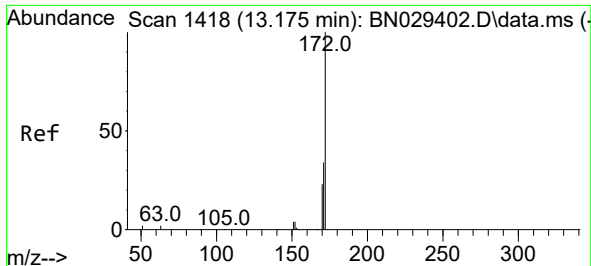
Tgt Ion:164 Resp: 6333  
Ion Ratio Lower Upper  
164 100  
162 107.4 82.6 123.8  
160 50.9 41.5 62.3



#14  
2,4,6-Tribromophenol  
Concen: 0.537 ng  
RT: 16.002 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

Tgt Ion:330 Resp: 1092  
Ion Ratio Lower Upper  
330 100  
332 92.9 76.0 114.0  
141 50.4 43.4 65.2

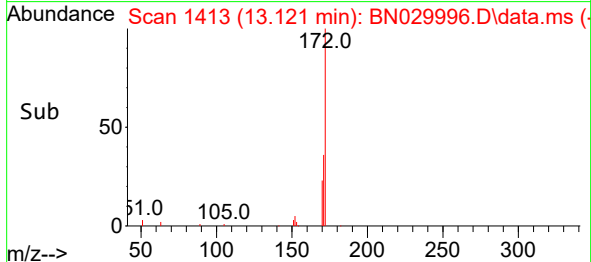
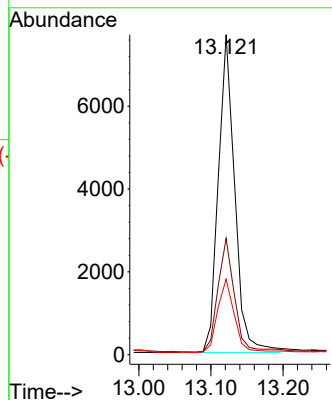
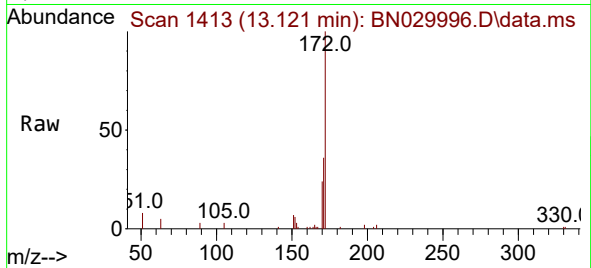




#15  
2-Fluorobiphenyl  
Concen: 0.446 ng  
RT: 13.121 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

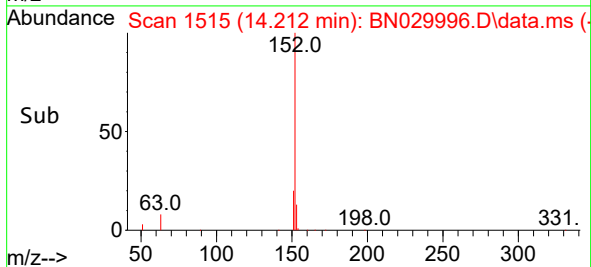
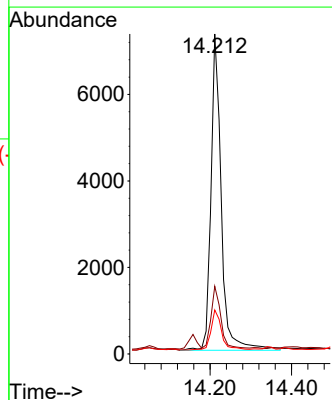
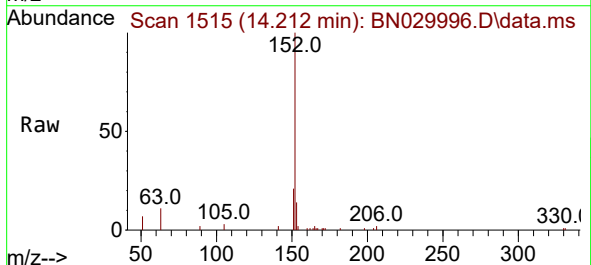
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20240212MS

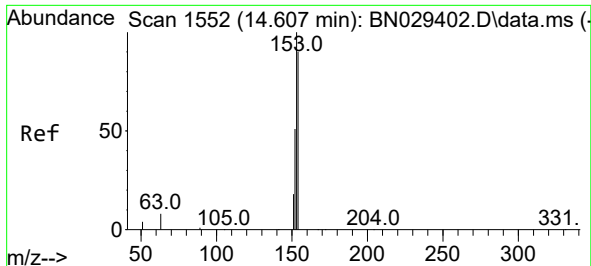
Tgt Ion:172 Resp: 12129  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.0 42.0  
170 23.6 18.7 28.1



#16  
Acenaphthylene  
Concen: 0.427 ng  
RT: 14.212 min Scan# 1515  
Delta R.T. -0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

Tgt Ion:152 Resp: 12842  
Ion Ratio Lower Upper  
152 100  
151 18.3 15.9 23.9  
153 12.9 10.5 15.7

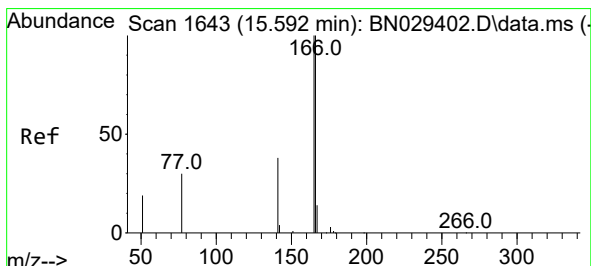
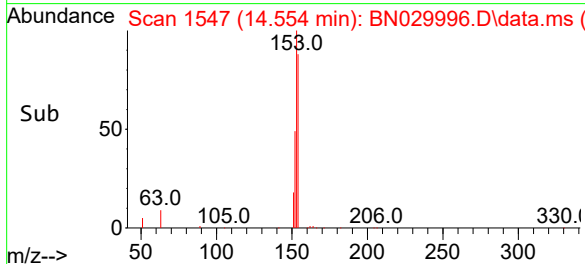
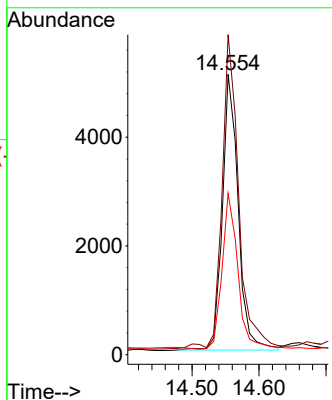
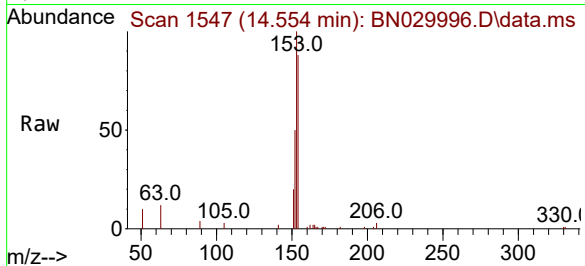




#17  
Acenaphthene  
Concen: 0.412 ng  
RT: 14.554 min Scan# 1547  
Delta R.T. -0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

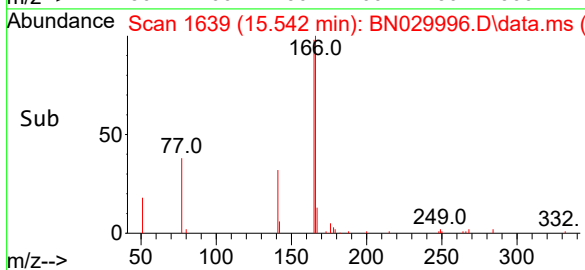
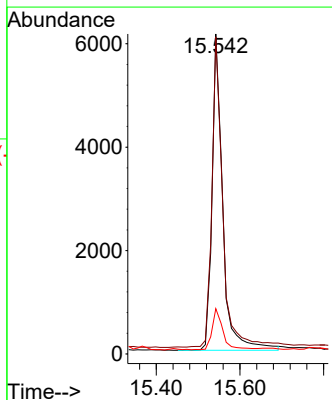
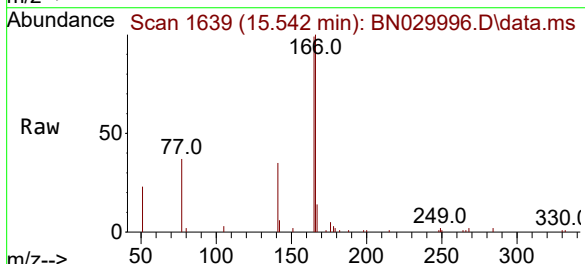
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20240212MS

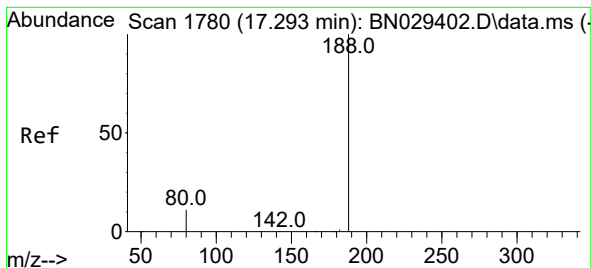
Tgt Ion:154 Resp: 8323  
Ion Ratio Lower Upper  
154 100  
153 119.3 93.6 140.4  
152 56.9 48.6 73.0



#18  
Fluorene  
Concen: 0.412 ng  
RT: 15.542 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

Tgt Ion:166 Resp: 10441  
Ion Ratio Lower Upper  
166 100  
165 97.3 79.9 119.9  
167 13.5 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN029996.D

Acq: 24 Feb 2024 17:19

Instrument :

BNA\_N

ClientSampleId :

RE134D3-20240212MS

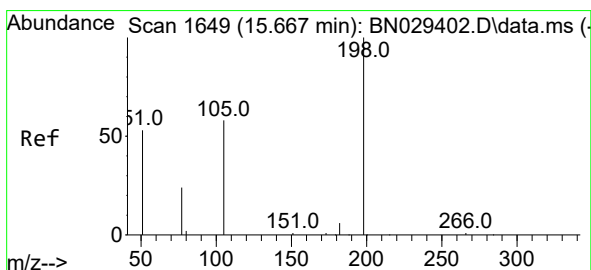
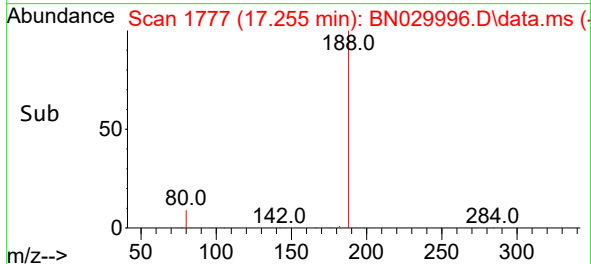
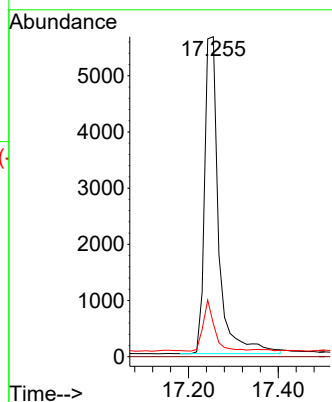
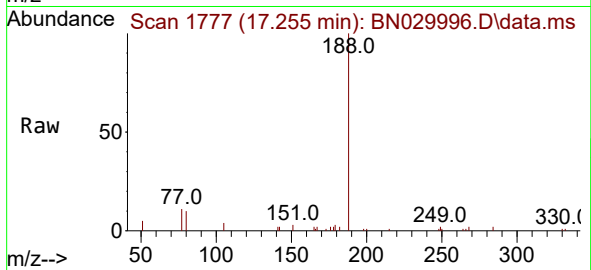
Tgt Ion:188 Resp: 12284

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 10.0 15.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.255 ng

RT: 15.642 min Scan# 1647

Delta R.T. -0.012 min

Lab File: BN029996.D

Acq: 24 Feb 2024 17:19

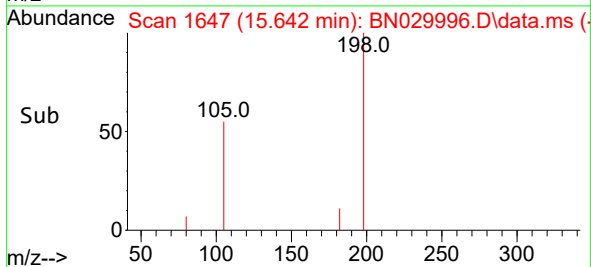
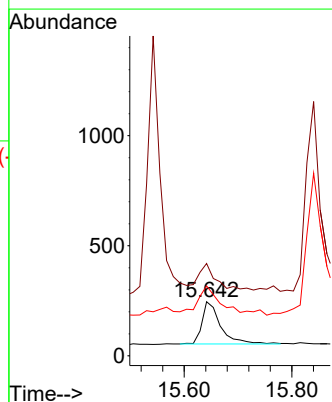
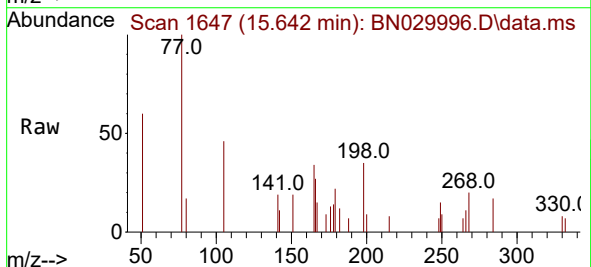
Tgt Ion:198 Resp: 460

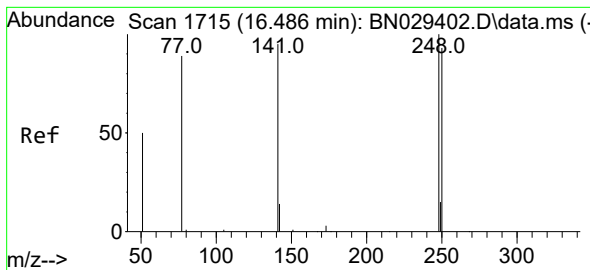
Ion Ratio Lower Upper

198 100

51 170.7 111.0 166.6#

105 129.3 67.0 100.6#

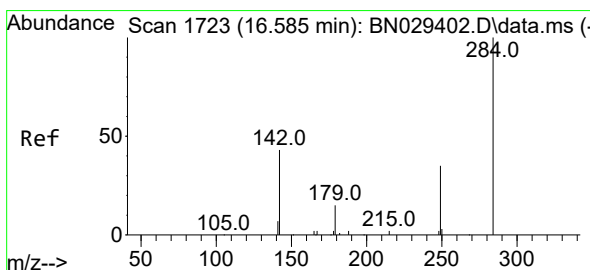
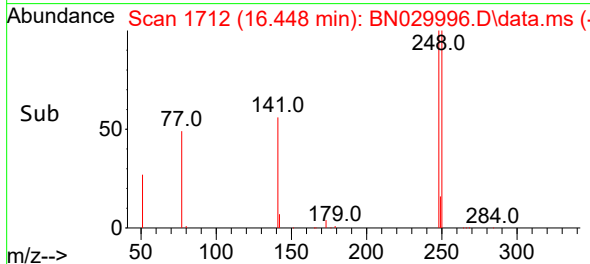
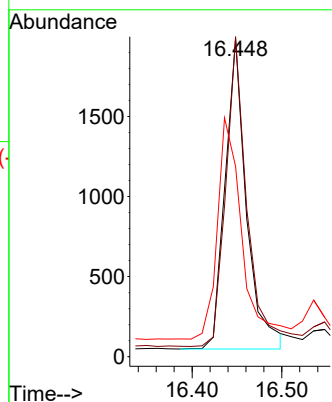
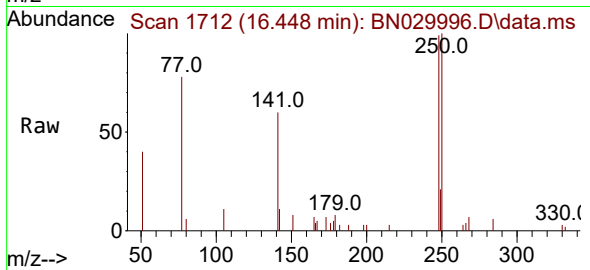




#21  
4-Bromophenyl-phenylether  
Concen: 0.438 ng  
RT: 16.448 min Scan# 1712  
Delta R.T. -0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

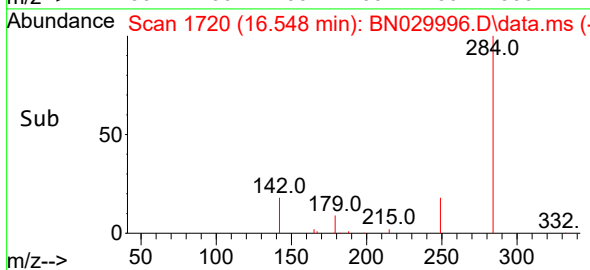
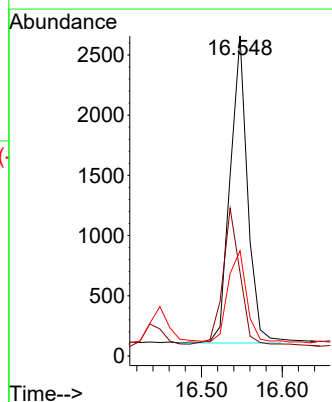
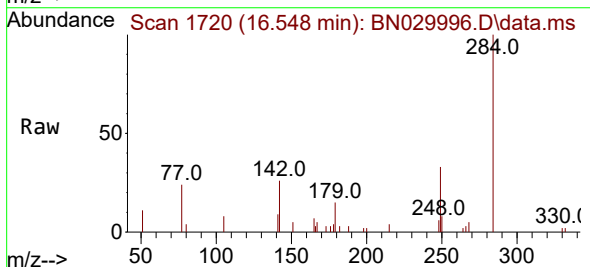
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20240212MS

Tgt Ion:248 Resp: 3202  
Ion Ratio Lower Upper  
248 100  
250 100.6 75.0 112.4  
141 59.9 77.0 115.6#



#22  
Hexachlorobenzene  
Concen: 0.426 ng  
RT: 16.548 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

Tgt Ion:284 Resp: 3820  
Ion Ratio Lower Upper  
284 100  
142 43.1 39.4 59.2  
249 31.5 26.9 40.3





#23

Atrazine

Concen: 0.534 ng

RT: 16.722 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN029996.D

Acq: 24 Feb 2024 17:19

Instrument :

BNA\_N

ClientSampleId :

RE134D3-20240212MS

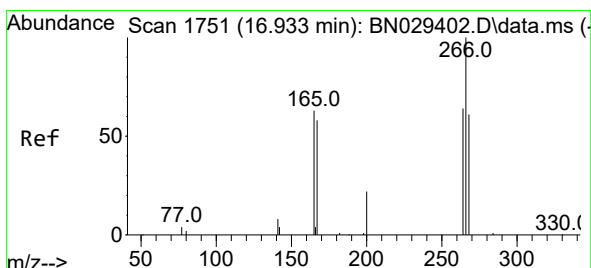
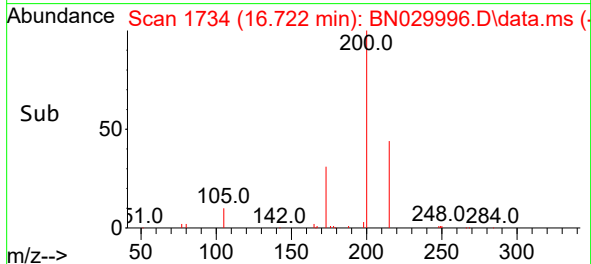
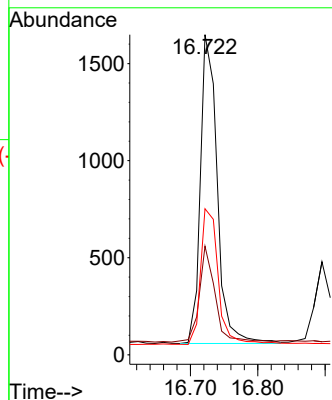
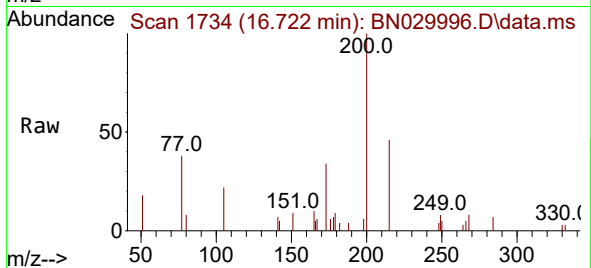
Tgt Ion:200 Resp: 2776

Ion Ratio Lower Upper

200 100

173 33.9 23.4 35.0

215 45.6 38.4 57.6



#24

Pentachlorophenol

Concen: 1.389 ng

RT: 16.895 min Scan# 1748

Delta R.T. -0.012 min

Lab File: BN029996.D

Acq: 24 Feb 2024 17:19

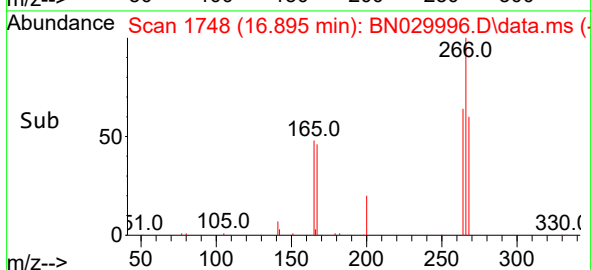
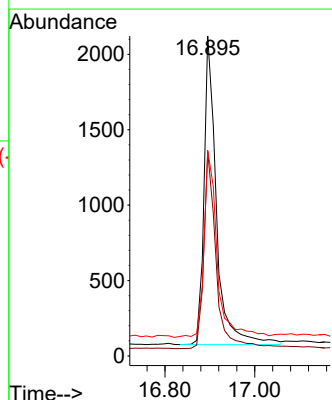
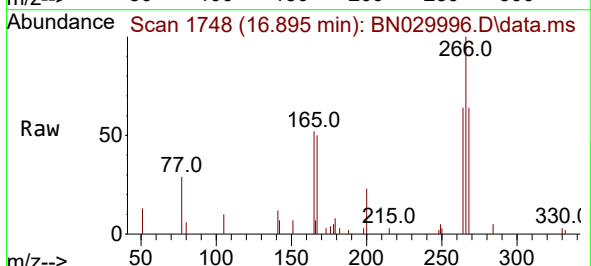
Tgt Ion:266 Resp: 3949

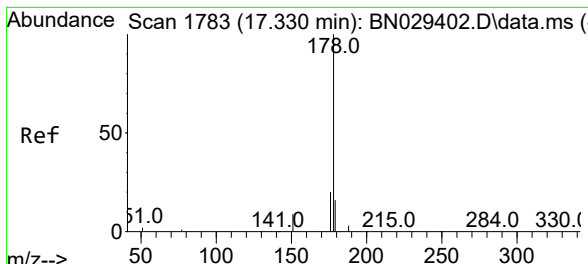
Ion Ratio Lower Upper

266 100

264 62.9 50.8 76.2

268 62.2 51.5 77.3

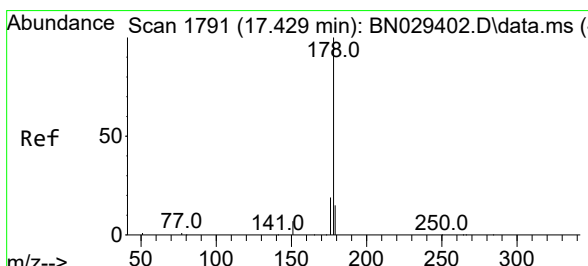
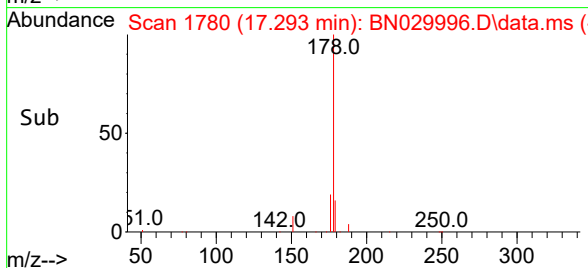
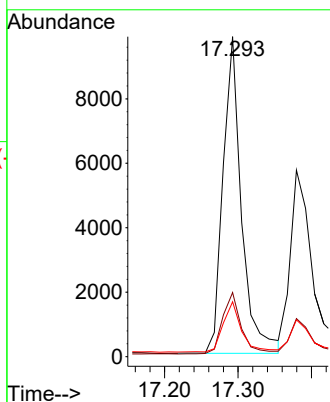
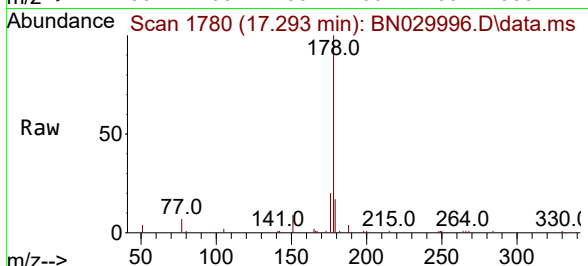




#25  
 Phenanthrene  
 Concen: 0.474 ng  
 RT: 17.293 min Scan# 1787  
 Delta R.T. -0.000 min  
 Lab File: BN029996.D  
 Acq: 24 Feb 2024 17:19

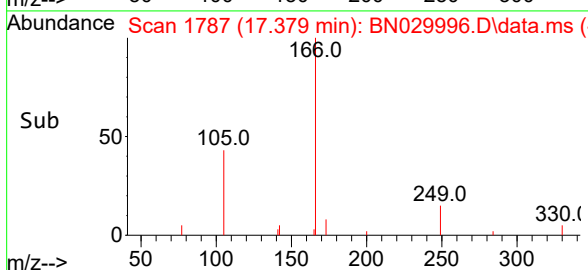
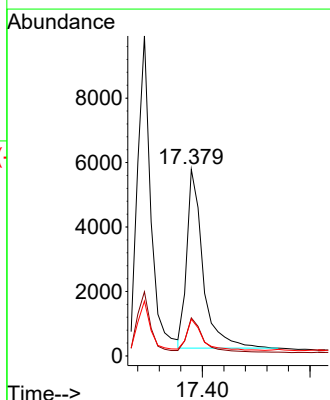
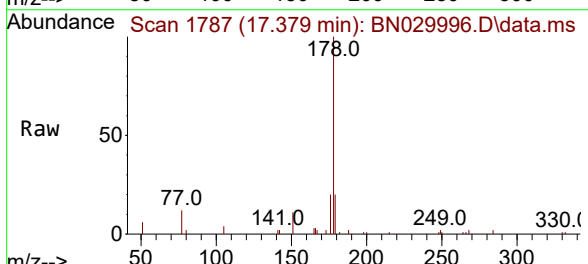
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D3-20240212MS

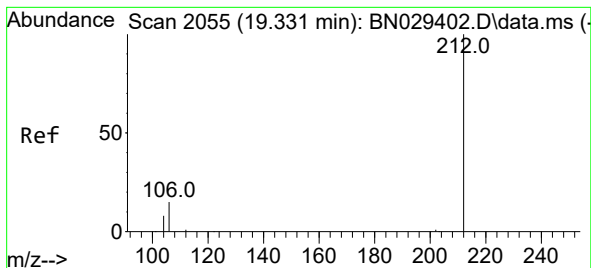
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 17211 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 19.4  | 15.8  | 23.6  |
| 179       | 15.8  | 12.6  | 19.0  |



#26  
 Anthracene  
 Concen: 0.375 ng  
 RT: 17.379 min Scan# 1787  
 Delta R.T. -0.012 min  
 Lab File: BN029996.D  
 Acq: 24 Feb 2024 17:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 11602 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 19.0  | 15.0  | 22.4  |
| 179       | 16.7  | 12.3  | 18.5  |





#27

Fluoranthene-d10

Concen: 0.508 ng

RT: 19.285 min Scan# 2045

Delta R.T. -0.005 min

Lab File: BN029996.D

Acq: 24 Feb 2024 17:19

Instrument :

BNA\_N

ClientSampleId :

RE134D3-20240212MS

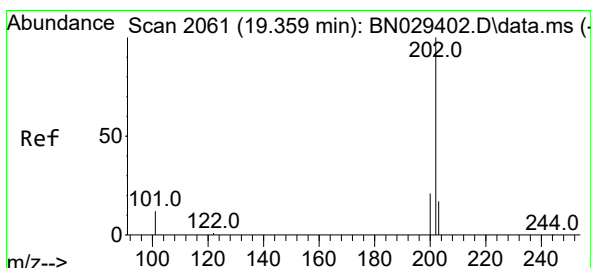
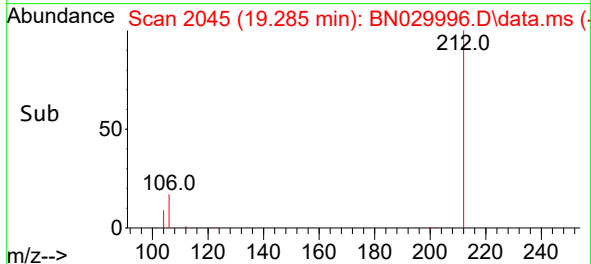
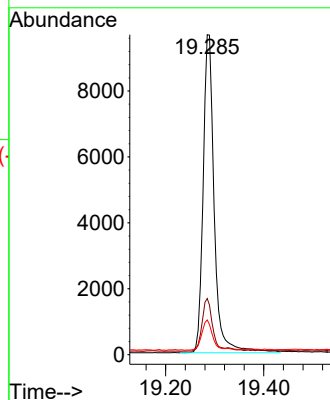
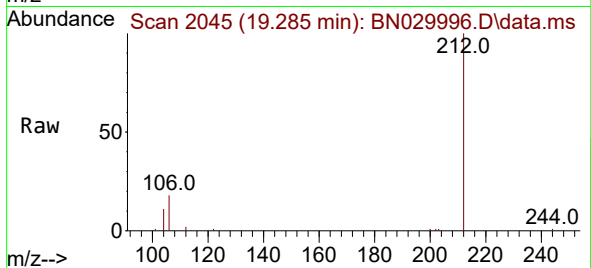
Tgt Ion:212 Resp: 15120

Ion Ratio Lower Upper

212 100

106 15.6 13.2 19.8

104 9.5 7.7 11.5



#28

Fluoranthene

Concen: 0.476 ng

RT: 19.317 min Scan# 2052

Delta R.T. -0.000 min

Lab File: BN029996.D

Acq: 24 Feb 2024 17:19

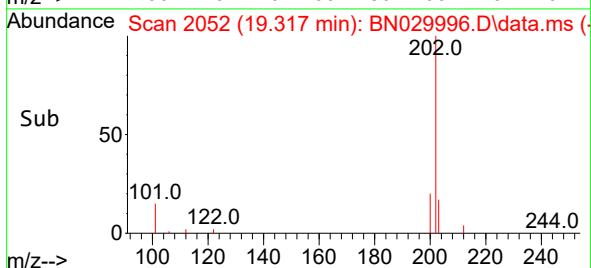
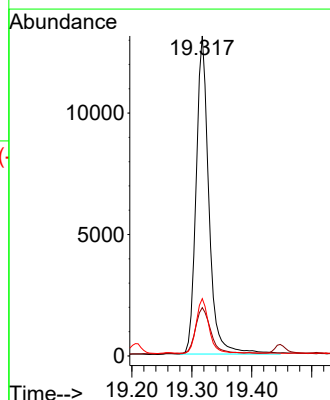
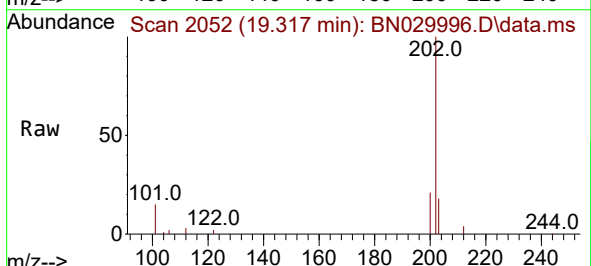
Tgt Ion:202 Resp: 19427

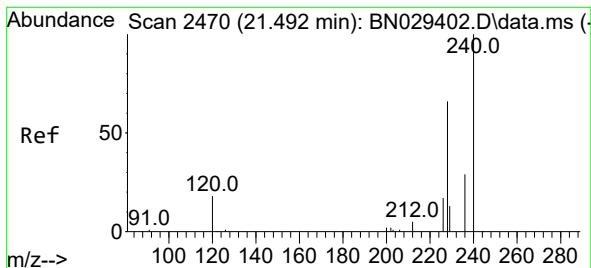
Ion Ratio Lower Upper

202 100

101 17.2 10.5 15.7#

203 17.1 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.456 min Scan# 2466

Delta R.T. -0.000 min

Lab File: BN029996.D

Acq: 24 Feb 2024 17:19

Instrument :

BNA\_N

ClientSampleId :

RE134D3-20240212MS

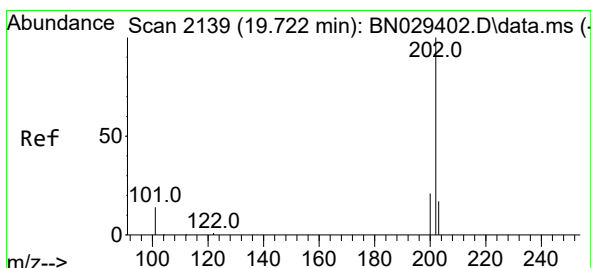
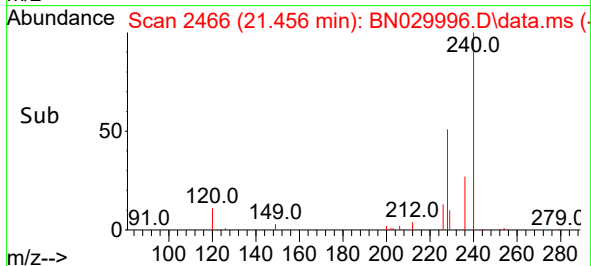
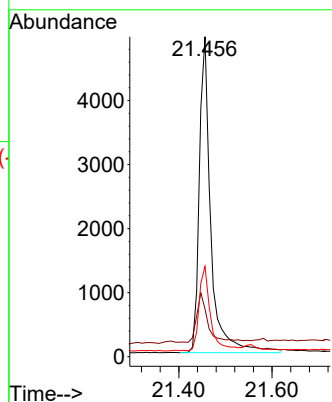
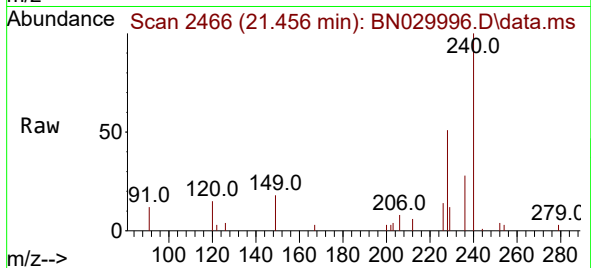
Tgt Ion:240 Resp: 8480

Ion Ratio Lower Upper

240 100

120 14.9 16.7 25.1#

236 28.2 23.9 35.9



#30

Pyrene

Concen: 0.527 ng

RT: 19.680 min Scan# 2130

Delta R.T. -0.005 min

Lab File: BN029996.D

Acq: 24 Feb 2024 17:19

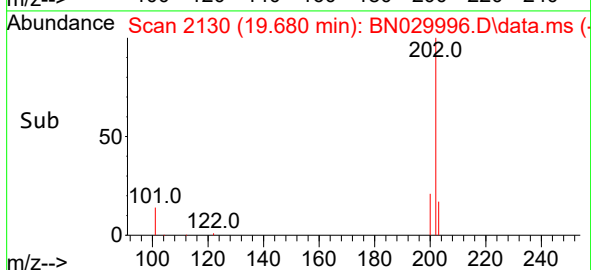
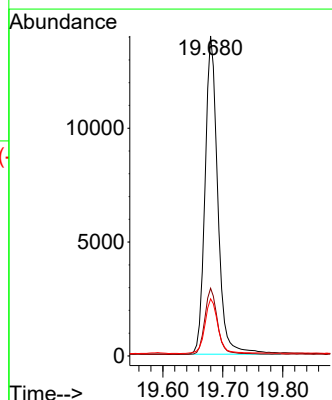
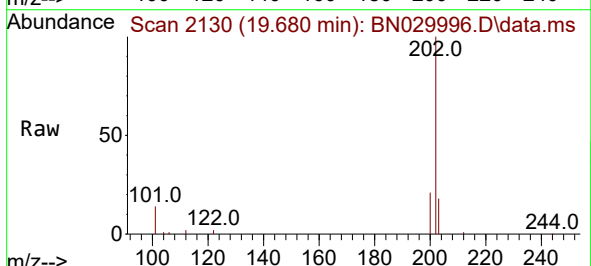
Tgt Ion:202 Resp: 20593

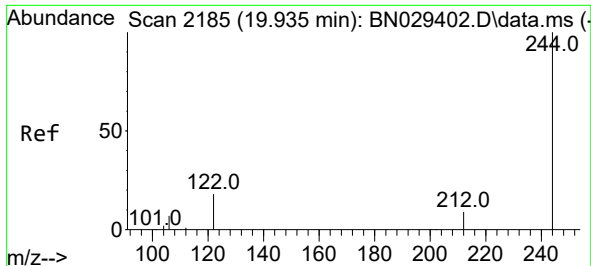
Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

203 17.9 14.2 21.4

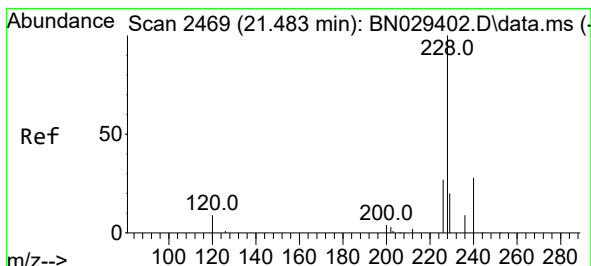
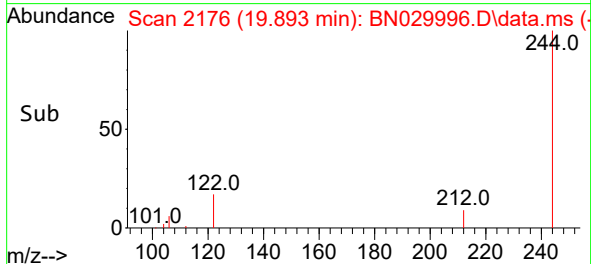
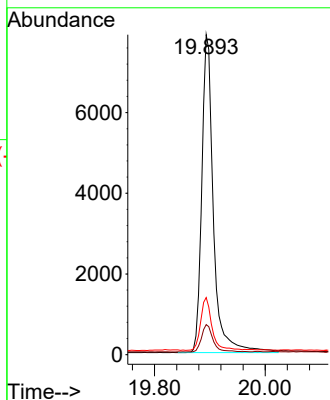
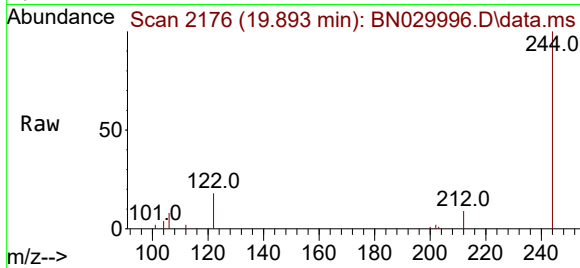




#31  
Terphenyl-d14  
Concen: 0.549 ng  
RT: 19.893 min Scan# 2185  
Delta R.T. -0.005 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

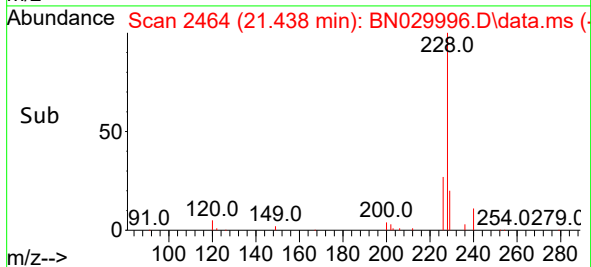
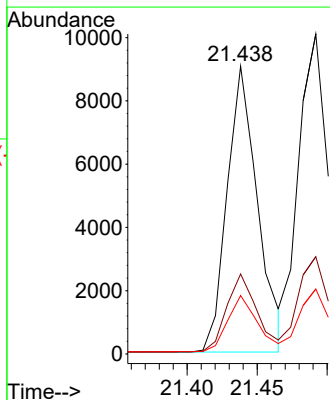
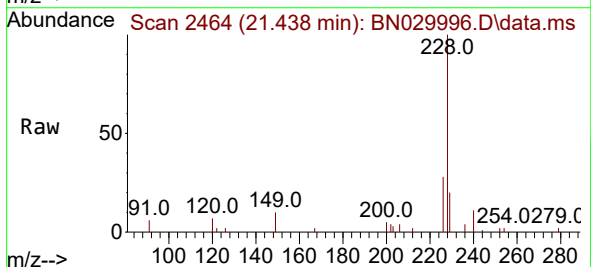
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20240212MS

Tgt Ion:244 Resp: 11556  
Ion Ratio Lower Upper  
244 100  
212 9.4 8.2 12.4  
122 17.8 15.6 23.4



#32  
Benzo(a)anthracene  
Concen: 0.475 ng  
RT: 21.438 min Scan# 2464  
Delta R.T. -0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

Tgt Ion:228 Resp: 13749  
Ion Ratio Lower Upper  
228 100  
226 27.8 22.2 33.4  
229 20.3 16.5 24.7





#33

Chrysene

Concen: 0.502 ng

RT: 21.492 min Scan# 24

Delta R.T. -0.000 min

Lab File: BN029996.D

Acq: 24 Feb 2024 17:19

Instrument :

BNA\_N

ClientSampleId :

RE134D3-20240212MS

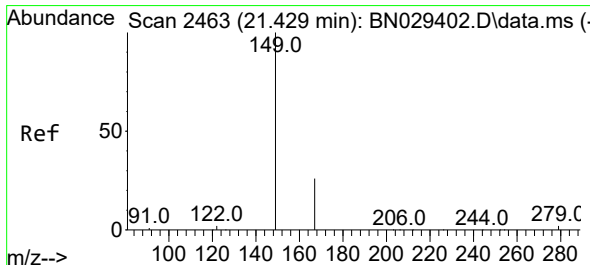
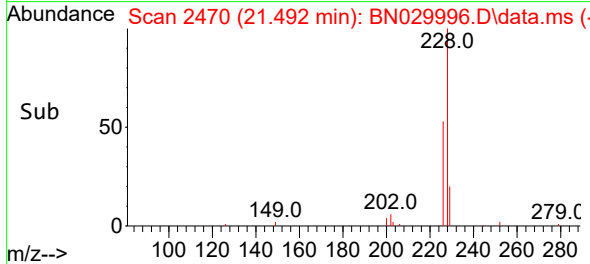
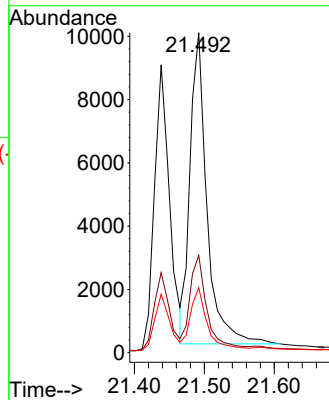
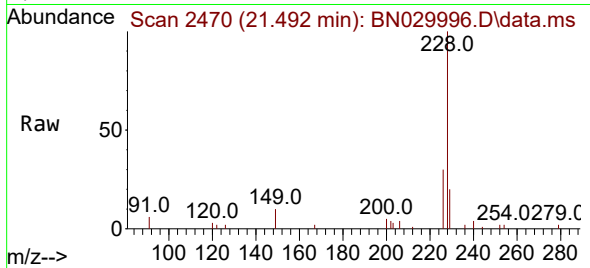
Tgt Ion:228 Resp: 16531

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

229 20.3 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 2.203 ng

RT: 21.384 min Scan# 2458

Delta R.T. -0.000 min

Lab File: BN029996.D

Acq: 24 Feb 2024 17:19

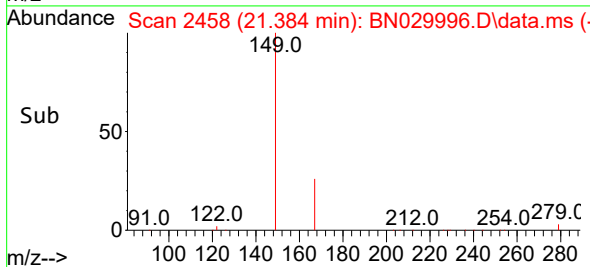
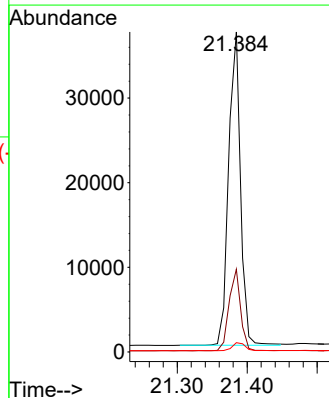
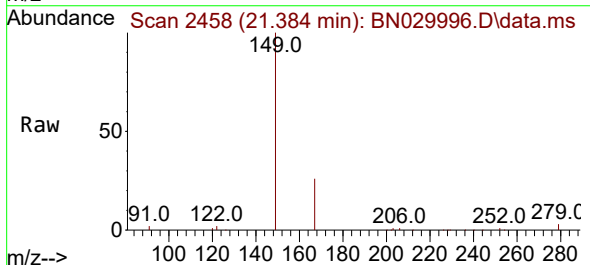
Tgt Ion:149 Resp: 43499

Ion Ratio Lower Upper

149 100

167 25.3 20.1 30.1

279 2.7 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.815 min Scan# 3078

Delta R.T. -0.006 min

Lab File: BN029996.D

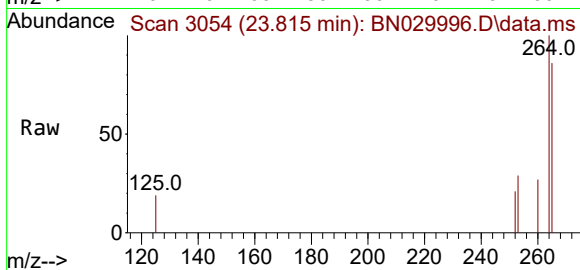
Acq: 24 Feb 2024 17:19

Instrument :

BNA\_N

ClientSampleId :

RE134D3-20240212MS



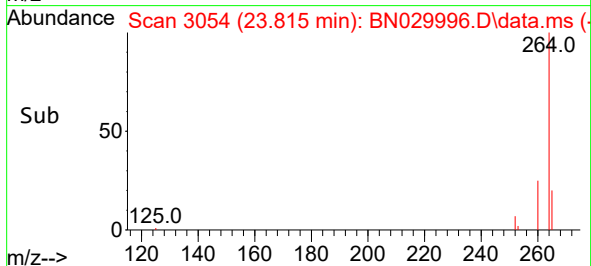
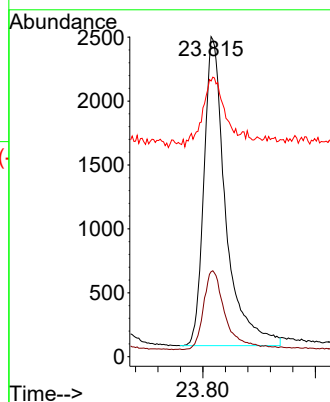
Tgt Ion:264 Resp: 6501

Ion Ratio Lower Upper

264 100

260 26.6 21.2 31.8

265 86.1 41.5 62.3#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.579 ng

RT: 26.259 min Scan# 3890

Delta R.T. -0.009 min

Lab File: BN029996.D

Acq: 24 Feb 2024 17:19

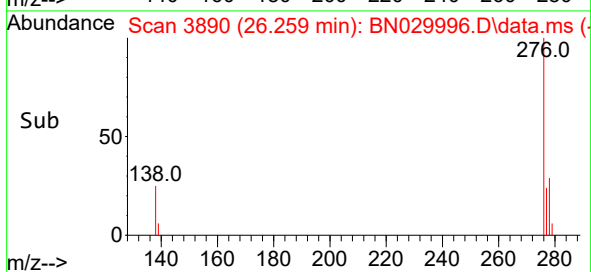
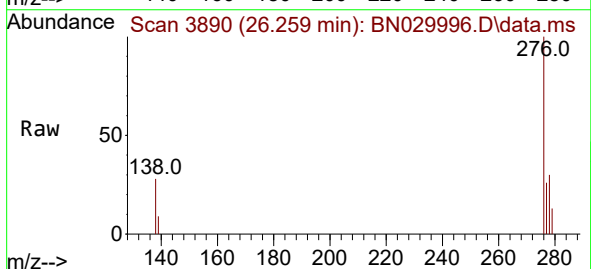
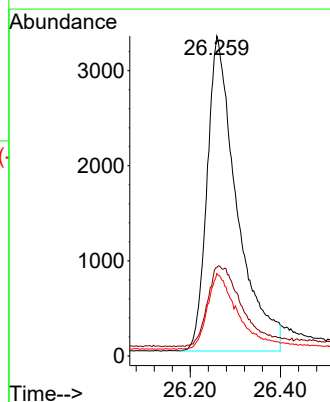
Tgt Ion:276 Resp: 15139

Ion Ratio Lower Upper

276 100

138 29.7 20.5 30.7

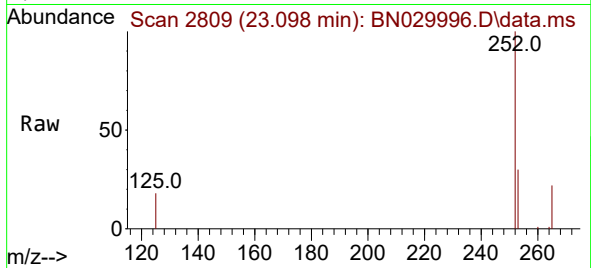
277 24.6 17.0 25.4



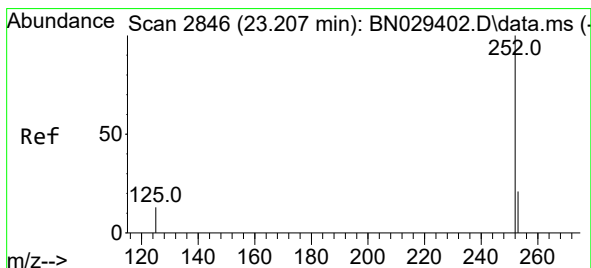
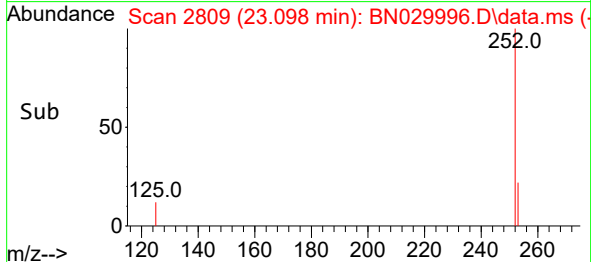
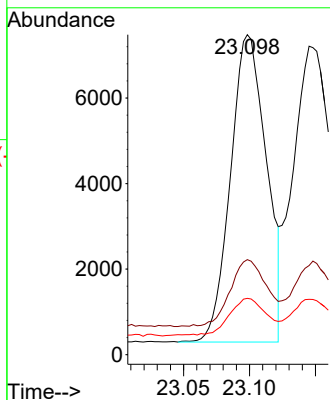


#37  
Benzo(b)fluoranthene  
Concen: 0.584 ng  
RT: 23.098 min Scan# 2809  
Delta R.T. -0.000 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20240212MS

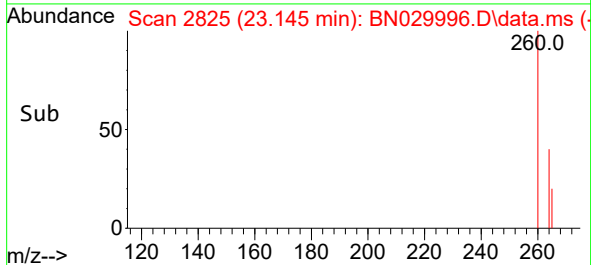
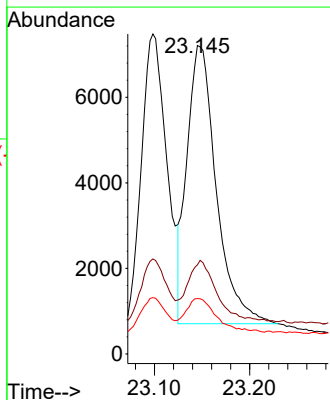
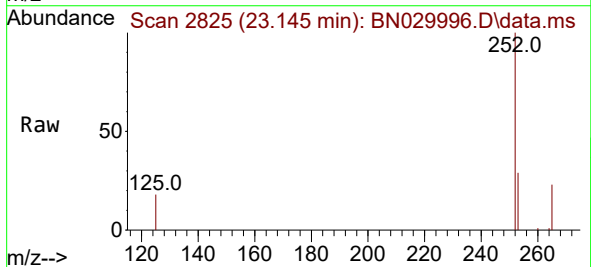


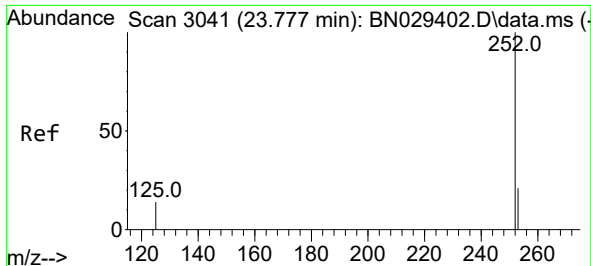
Tgt Ion:252 Resp: 13578  
Ion Ratio Lower Upper  
252 100  
253 29.7 21.7 32.5  
125 17.6 13.3 19.9



#38  
Benzo(k)fluoranthene  
Concen: 0.572 ng  
RT: 23.145 min Scan# 2825  
Delta R.T. -0.003 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

Tgt Ion:252 Resp: 13932  
Ion Ratio Lower Upper  
252 100  
253 28.9 21.8 32.8  
125 17.9 13.9 20.9

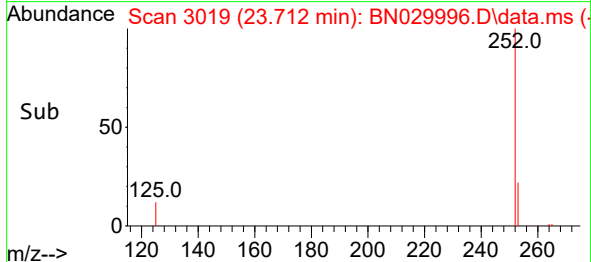
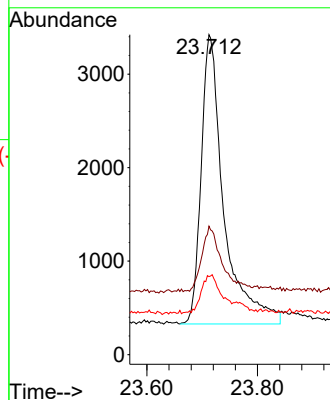
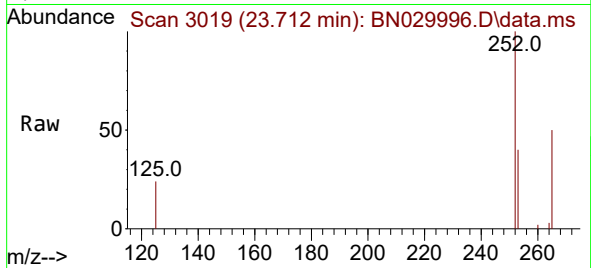




#39  
Benzo(a)pyrene  
Concen: 0.433 ng  
RT: 23.712 min Scan# 3041  
Delta R.T. -0.003 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

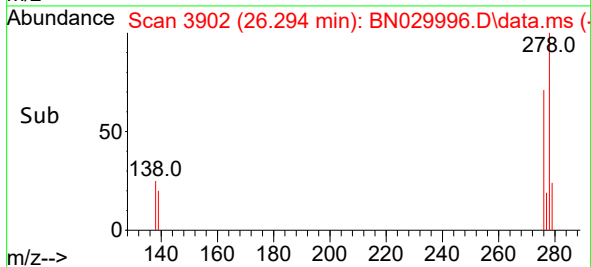
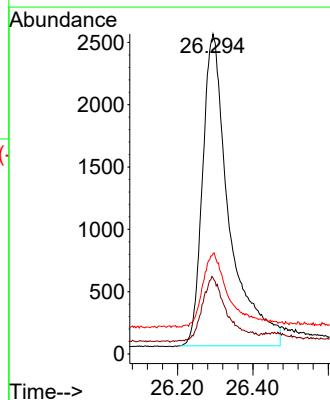
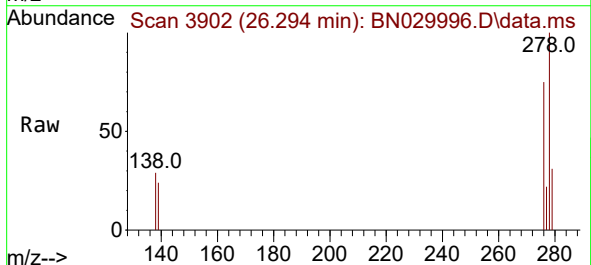
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20240212MS

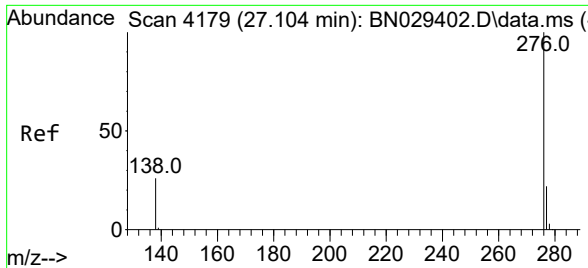
Tgt Ion:252 Resp: 8776  
Ion Ratio Lower Upper  
252 100  
253 40.1 24.9 37.3#  
125 24.4 16.6 25.0



#40  
Dibenzo(a,h)anthracene  
Concen: 0.589 ng  
RT: 26.294 min Scan# 3902  
Delta R.T. -0.009 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

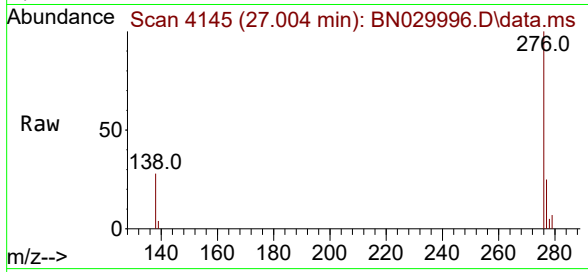
Tgt Ion:278 Resp: 12257  
Ion Ratio Lower Upper  
278 100  
139 23.8 20.4 30.6  
279 31.3 25.0 37.6





#41  
Benzo(g,h,i)perylene  
Concen: 0.536 ng  
RT: 27.004 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: BN029996.D  
Acq: 24 Feb 2024 17:19

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20240212MS



Tgt Ion:276 Resp: 13574

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 25.4  | 19.4  | 29.2  |
| 138 | 28.4  | 23.5  | 35.3  |

