

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082923\  
 Data File : BN027228.D  
 Acq On : 28 Aug 2023 22:50  
 Operator : MA/JU  
 Sample : SSTDICC5.0  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0

Quant Time: Aug 29 05:29:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 29 05:25:18 2023  
 Response via : Initial Calibration

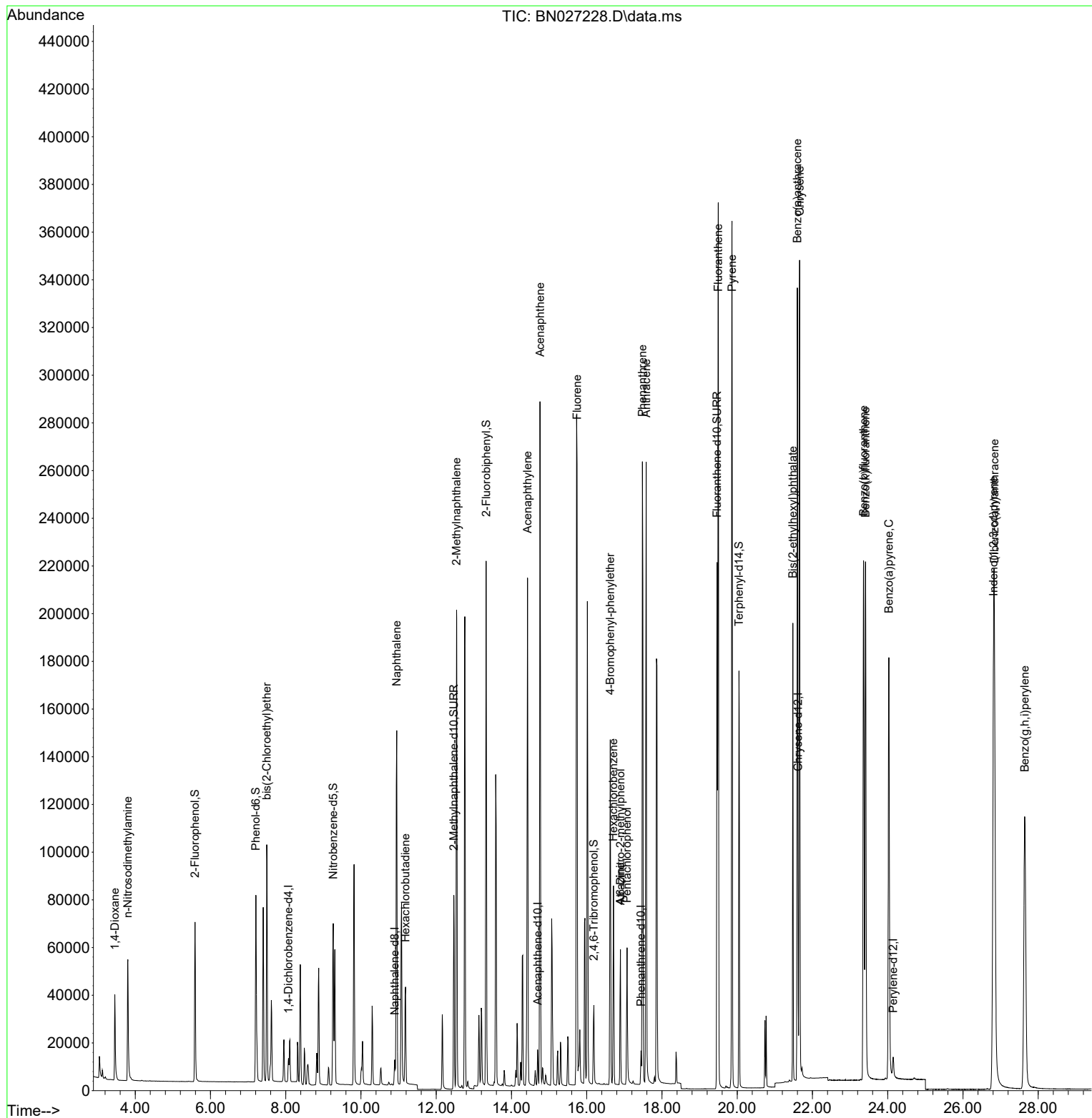
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.073  | 152  | 4768     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.895 | 136  | 13839    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.694 | 164  | 8299     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.443 | 188  | 17434    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.614 | 240  | 15265    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.148 | 264  | 13296    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.589  | 112  | 56628    | 4.213 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.206  | 99   | 75049    | 4.522 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.262  | 82   | 56706    | 4.850 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.468 | 152  | 107042   | 4.867 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.189 | 330  | 19069    | 4.317 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.325 | 172  | 178148   | 5.783 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.462 | 212  | 238979   | 5.345 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.048 | 244  | 165460   | 5.187 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.458  | 88   | 26111    | 5.092 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.798  | 42   | 30936    | 5.416 | ng    | 95       |
| 6) bis(2-Chloroethyl)ether    | 7.495  | 93   | 72254    | 5.178 | ng    | 100      |
| 9) Naphthalene                | 10.949 | 128  | 199103   | 5.469 | ng    | 98       |
| 10) Hexachlorobutadiene       | 11.184 | 225  | 33706    | 4.527 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.540 | 142  | 141830   | 4.983 | ng    | 99       |
| 16) Acenaphthylene            | 14.427 | 152  | 226090   | 5.709 | ng    | 100      |
| 17) Acenaphthene              | 14.758 | 154  | 136100   | 5.563 | ng    | 98       |
| 18) Fluorene                  | 15.742 | 166  | 182131   | 5.544 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 16.897 | 198  | 1519     | 5.555 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.623 | 248  | 55094    | 5.533 | ng    | # 76     |
| 22) Hexachlorobenzene         | 16.710 | 284  | 59365    | 5.585 | ng    | 99       |
| 23) Atrazine                  | 16.897 | 200  | 42938    | 4.848 | ng    | # 94     |
| 24) Pentachlorophenol         | 17.070 | 266  | 27573    | 5.138 | ng    | 99       |
| 25) Phenanthrene              | 17.480 | 178  | 288730   | 5.761 | ng    | 99       |
| 26) Anthracene                | 17.579 | 178  | 268935   | 5.752 | ng    | 100      |
| 28) Fluoranthene              | 19.495 | 202  | 334002   | 5.626 | ng    | 99       |
| 30) Pyrene                    | 19.862 | 202  | 332597   | 5.662 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.596 | 228  | 301942   | 5.480 | ng    | 99       |
| 33) Chrysene                  | 21.659 | 228  | 303204   | 5.452 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.479 | 149  | 146803   | 3.701 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.811 | 276  | 332954   | 6.115 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.358 | 252  | 299853   | 6.739 | ng    | # 91     |
| 38) Benzo(k)fluoranthene      | 23.411 | 252  | 304555   | 6.657 | ng    | # 90     |
| 39) Benzo(a)pyrene            | 24.031 | 252  | 285122   | 6.396 | ng    | # 87     |
| 40) Dibenzo(a,h)anthracene    | 26.834 | 278  | 264968   | 6.113 | ng    | 93       |
| 41) Benzo(g,h,i)perylene      | 27.641 | 276  | 286429   | 6.140 | ng    | 97       |

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

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Sample : SSTDICC5.0  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

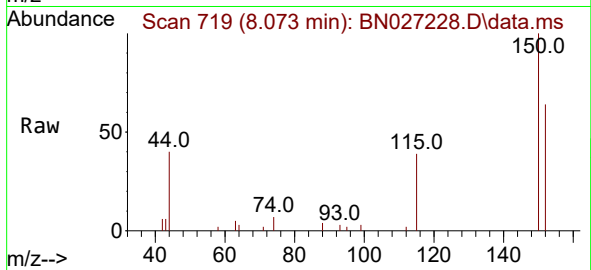
Quant Time: Aug 29 05:29:11 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 29 05:25:18 2023  
Response via : Initial Calibration



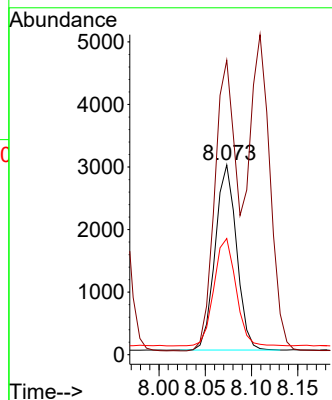
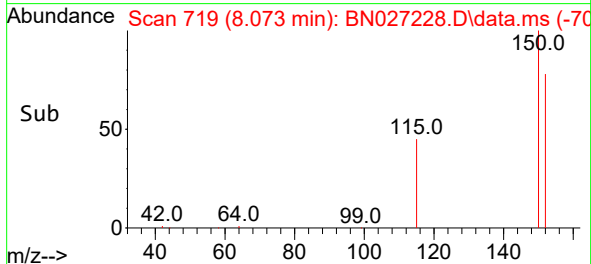


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.073 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BN027228.D  
 Acq: 28 Aug 2023 22:50

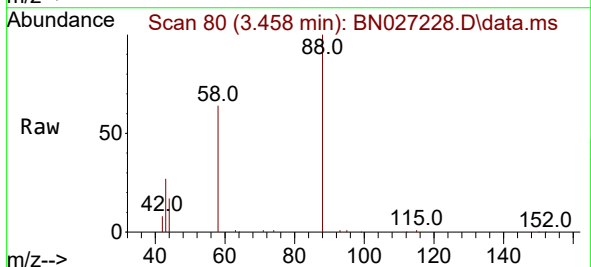
Instrument :  
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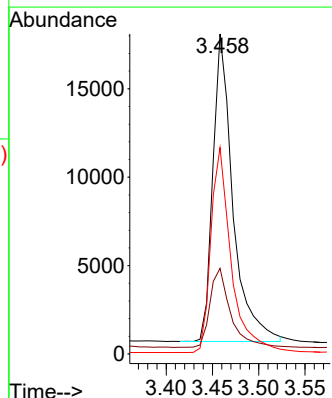
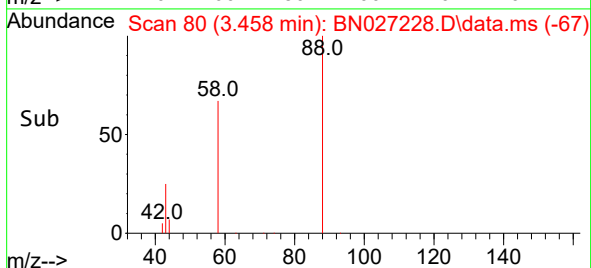
Tgt Ion:152 Resp: 4768  
 Ion Ratio Lower Upper  
 152 100  
 150 155.2 122.7 184.1  
 115 61.2 48.6 73.0



#2  
 1,4-Dioxane  
 Concen: 5.092 ng  
 RT: 3.458 min Scan# 80  
 Delta R.T. -0.007 min  
 Lab File: BN027228.D  
 Acq: 28 Aug 2023 22:50



Tgt Ion: 88 Resp: 26111  
 Ion Ratio Lower Upper  
 88 100  
 43 26.2 19.1 28.7  
 58 67.7 52.2 78.2

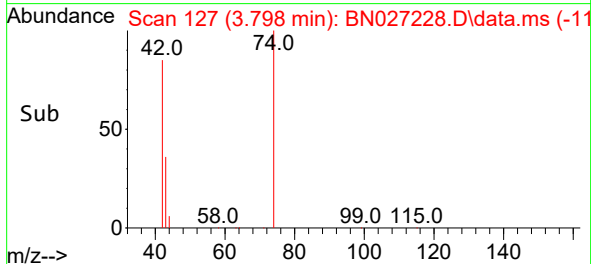
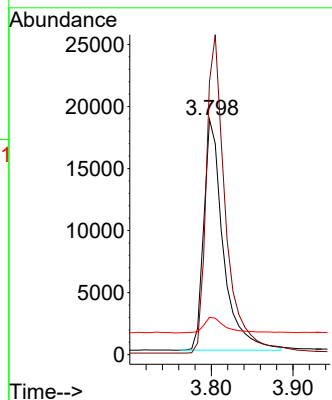
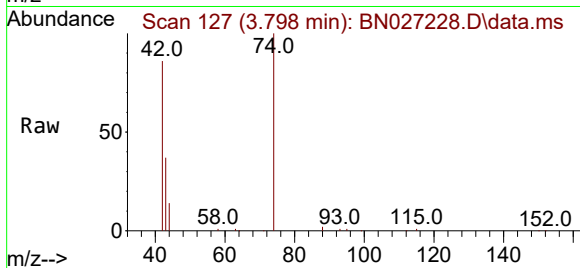




#3  
n-Nitrosodimethylamine  
Concen: 5.416 ng  
RT: 3.798 min Scan# 11  
Delta R.T. -0.015 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

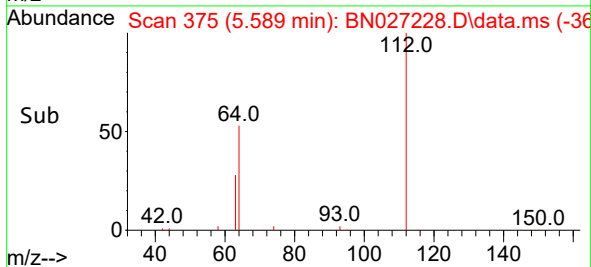
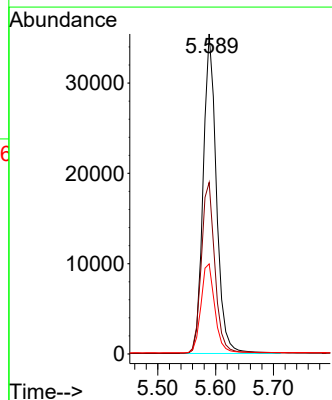
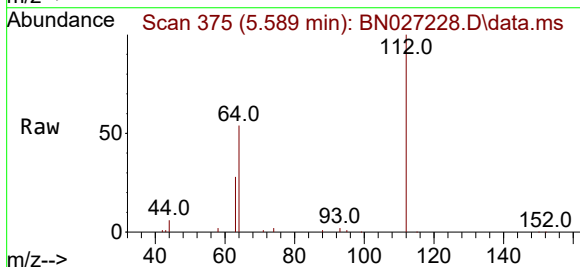
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

Tgt Ion: 42 Resp: 30936  
Ion Ratio Lower Upper  
42 100  
74 136.5 113.8 170.8  
44 7.7 7.3 10.9



#4  
2-Fluorophenol  
Concen: 4.213 ng  
RT: 5.589 min Scan# 375  
Delta R.T. -0.000 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

Tgt Ion: 112 Resp: 56628  
Ion Ratio Lower Upper  
112 100  
64 54.9 44.4 66.6  
63 29.0 23.1 34.7

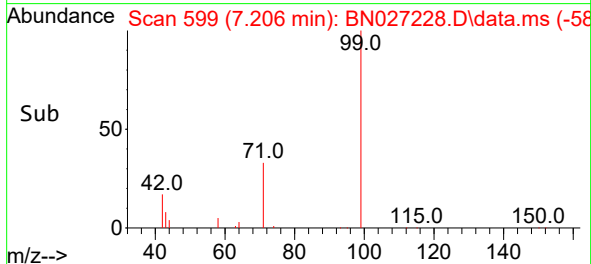
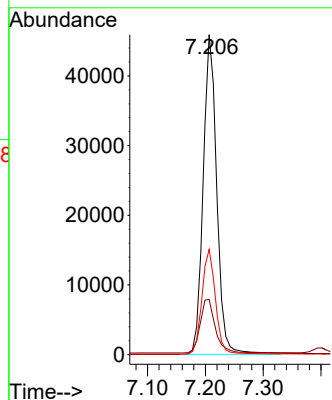
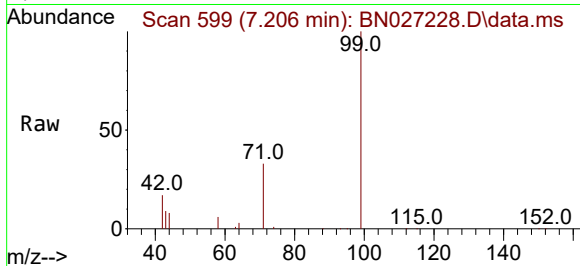




#5  
Phenol-d6  
Concen: 4.522 ng  
RT: 7.206 min Scan# 599  
Delta R.T. -0.000 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

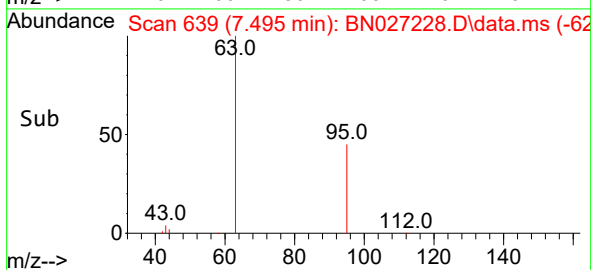
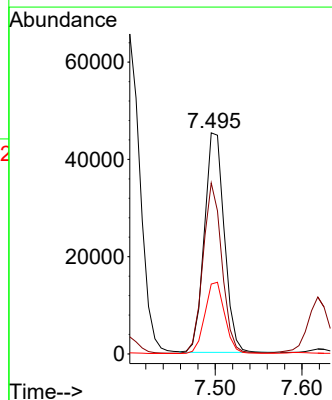
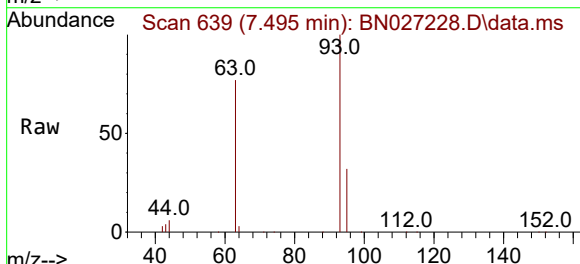
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

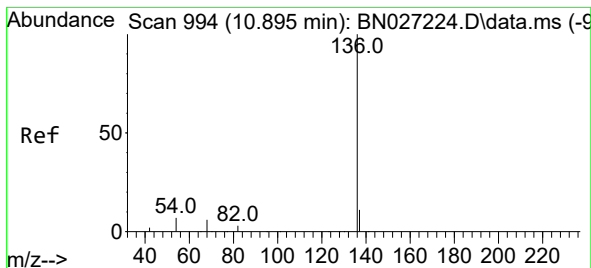
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 75049 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.6  | 14.5  | 21.7  |
| 71       | 32.9  | 25.8  | 38.6  |



#6  
bis(2-Chloroethyl)ether  
Concen: 5.178 ng  
RT: 7.495 min Scan# 639  
Delta R.T. -0.007 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 72254 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 73.4  | 58.5  | 87.7  |
| 95       | 32.5  | 26.1  | 39.1  |





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.895 min Scan# 994

Delta R.T. -0.000 min

Lab File: BN027228.D

Acq: 28 Aug 2023 22:50

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:136 Resp: 13839

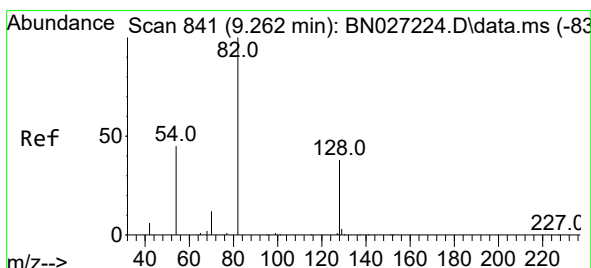
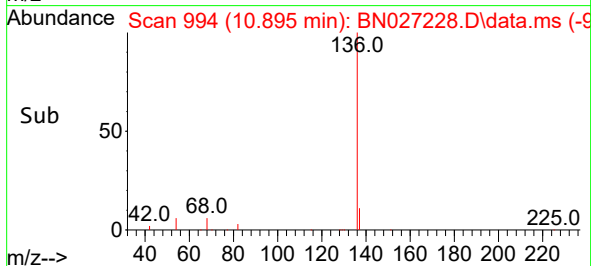
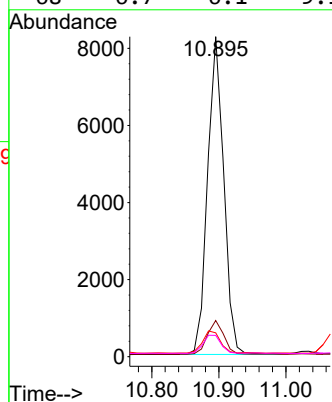
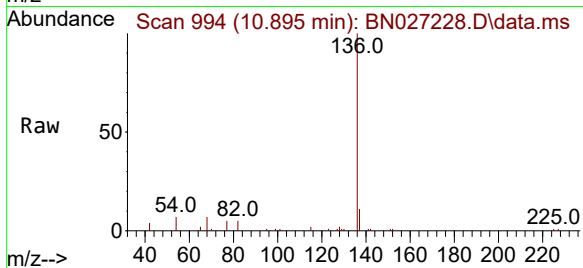
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.5 6.7 10.1

68 6.7 6.1 9.1



#8

Nitrobenzene-d5

Concen: 4.850 ng

RT: 9.262 min Scan# 841

Delta R.T. -0.000 min

Lab File: BN027228.D

Acq: 28 Aug 2023 22:50

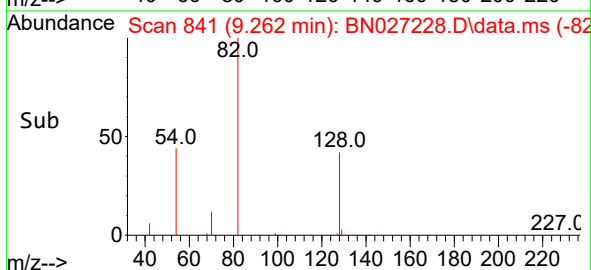
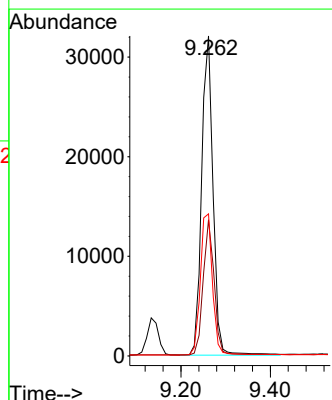
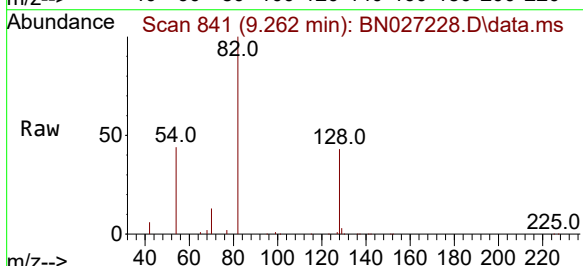
Tgt Ion: 82 Resp: 56706

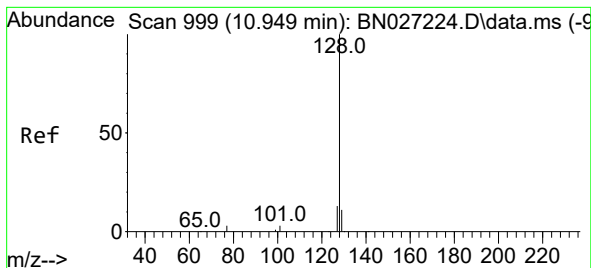
Ion Ratio Lower Upper

82 100

128 42.6 33.4 50.0

54 44.4 37.7 56.5





#9

Naphthalene

Concen: 5.469 ng

RT: 10.949 min Scan# 999

Delta R.T. -0.000 min

Lab File: BN027228.D

Acq: 28 Aug 2023 22:50

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

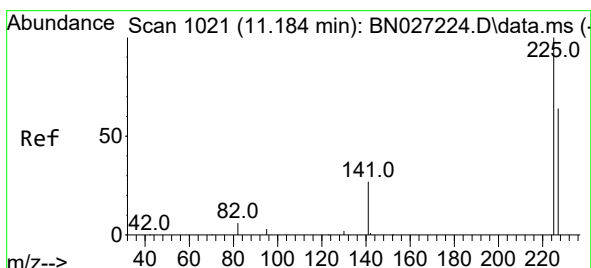
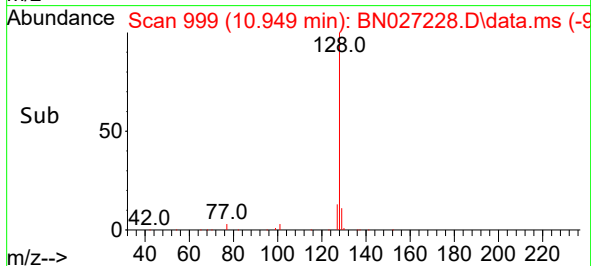
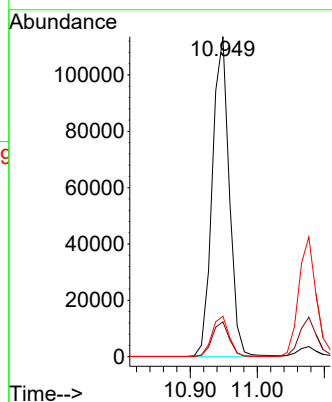
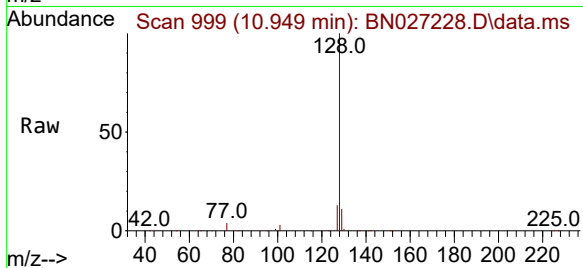
Tgt Ion:128 Resp: 199103

Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.0

127 12.7 10.6 15.8



#10

Hexachlorobutadiene

Concen: 4.527 ng

RT: 11.184 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BN027228.D

Acq: 28 Aug 2023 22:50

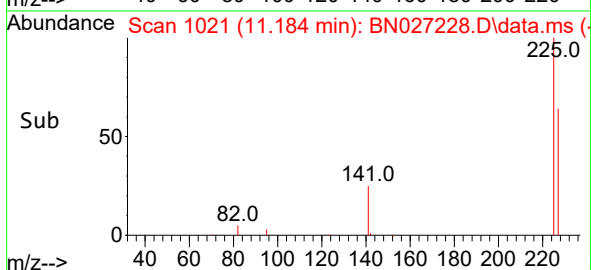
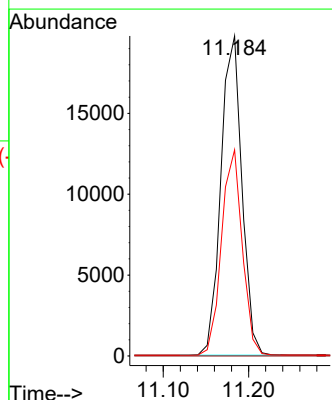
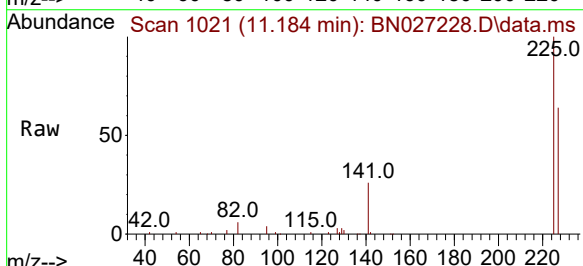
Tgt Ion:225 Resp: 33706

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.4 50.6 75.8





#11

2-Methylnaphthalene-d10

Concen: 4.867 ng

RT: 12.468 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN027228.D

Acq: 28 Aug 2023 22:50

Instrument :

BNA\_N

ClientSampleId :

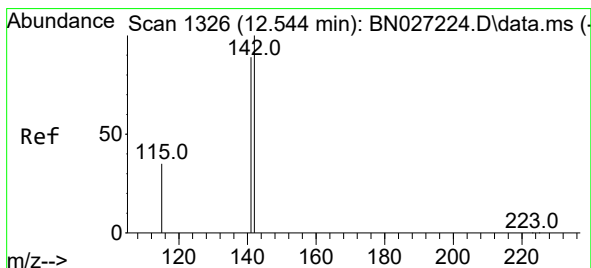
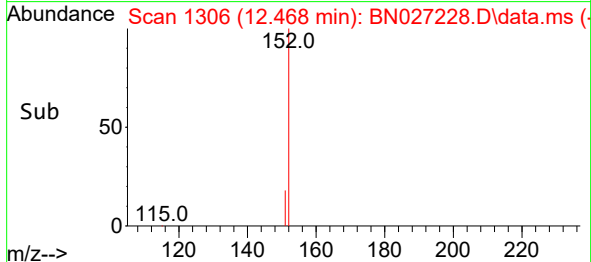
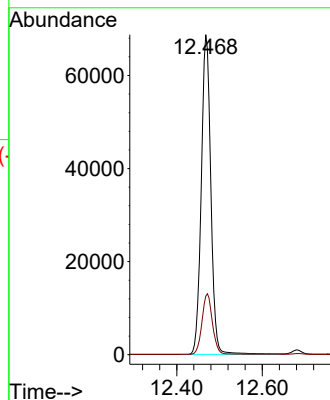
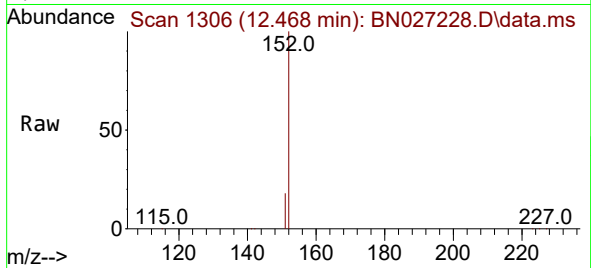
SSTDICC5.0

Tgt Ion:152 Resp: 107042

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0



#12

2-Methylnaphthalene

Concen: 4.983 ng

RT: 12.540 min Scan# 1325

Delta R.T. -0.004 min

Lab File: BN027228.D

Acq: 28 Aug 2023 22:50

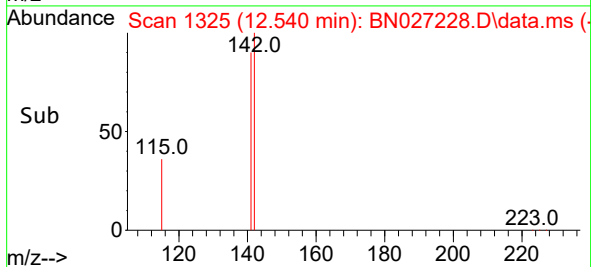
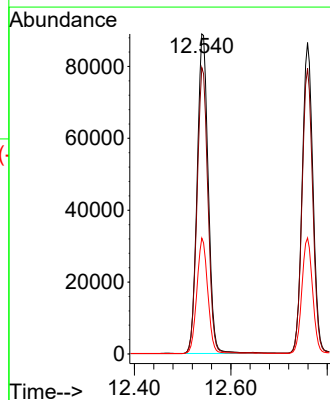
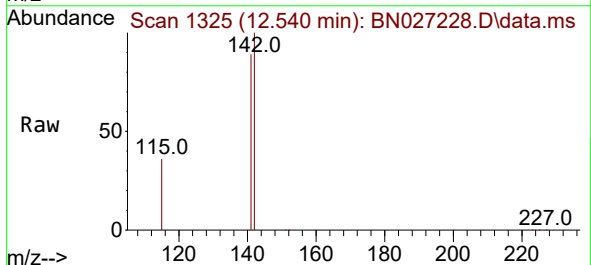
Tgt Ion:142 Resp: 141830

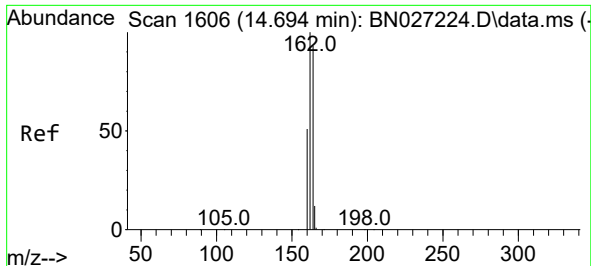
Ion Ratio Lower Upper

142 100

141 89.5 71.1 106.7

115 36.2 29.6 44.4

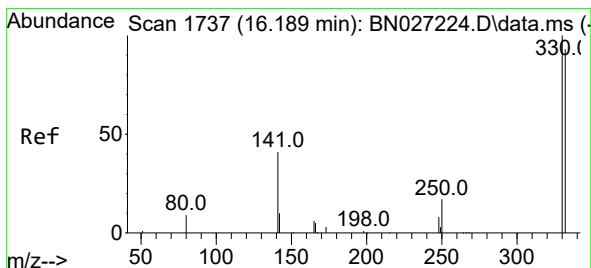
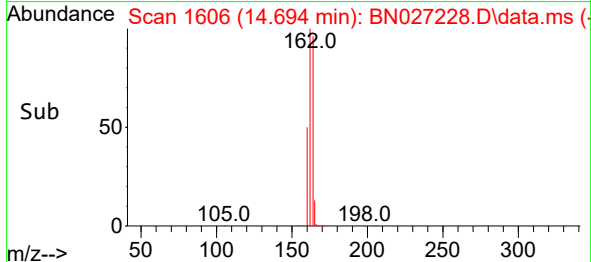
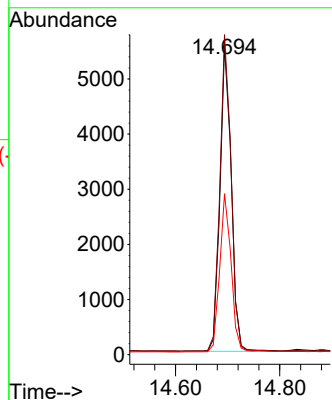
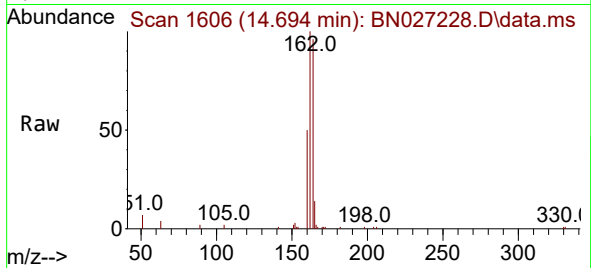




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.694 min Scan# 1606  
Delta R.T. -0.000 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

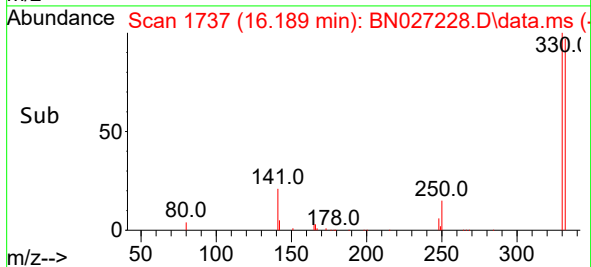
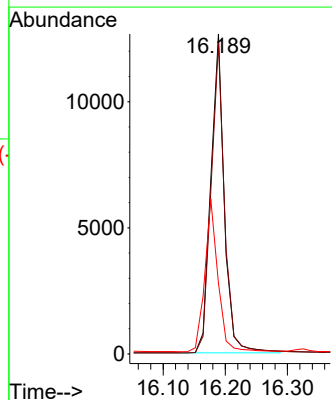
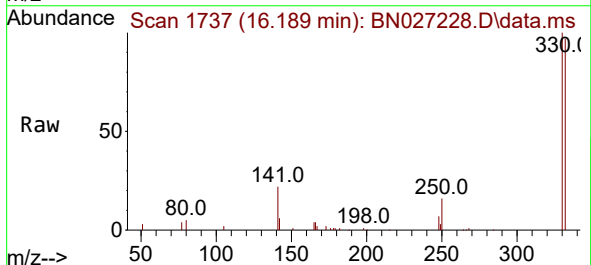
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

Tgt Ion:164 Resp: 8299  
Ion Ratio Lower Upper  
164 100  
162 103.8 85.8 128.8  
160 52.2 44.2 66.2



#14  
2,4,6-Tribromophenol  
Concen: 4.317 ng  
RT: 16.189 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

Tgt Ion:330 Resp: 19069  
Ion Ratio Lower Upper  
330 100  
332 97.1 75.2 112.8  
141 46.8 36.2 54.4

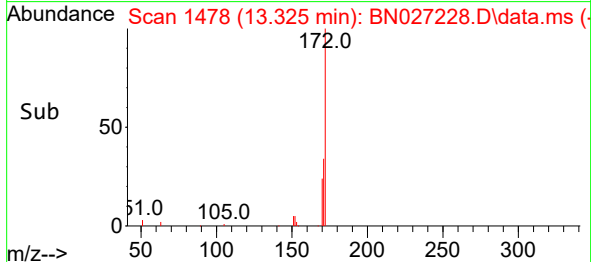
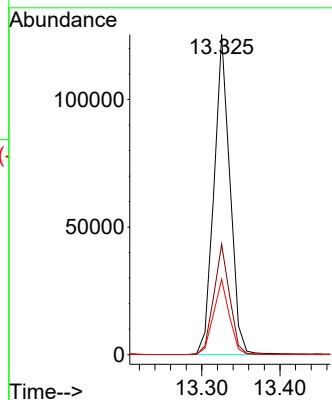
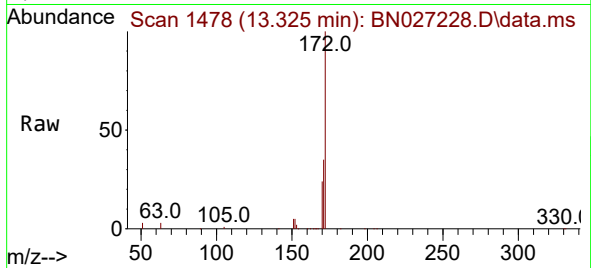




#15  
2-Fluorobiphenyl  
Concen: 5.783 ng  
RT: 13.325 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

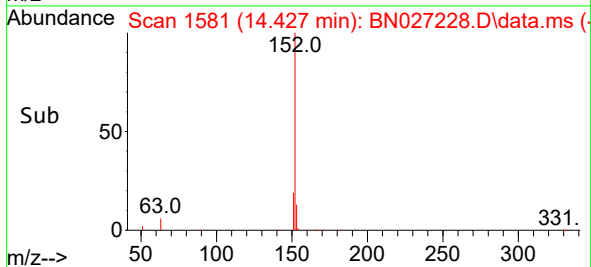
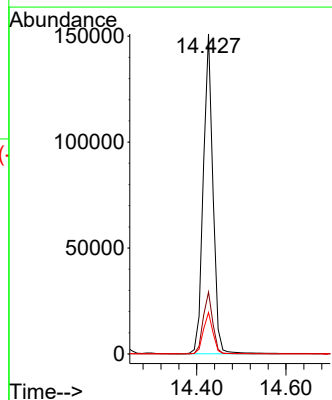
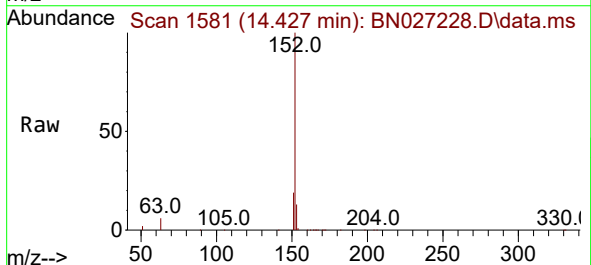
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

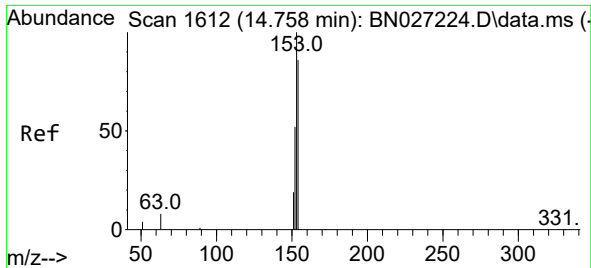
Tgt Ion:172 Resp: 178148  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.8 41.8  
170 23.6 19.3 28.9



#16  
Acenaphthylene  
Concen: 5.709 ng  
RT: 14.427 min Scan# 1581  
Delta R.T. -0.000 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

Tgt Ion:152 Resp: 226090  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.5 23.3  
153 13.0 10.3 15.5

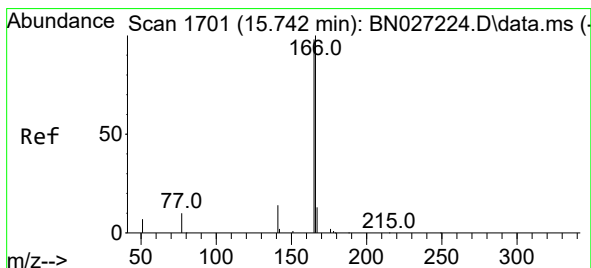
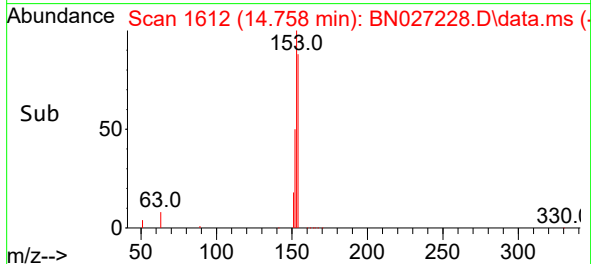
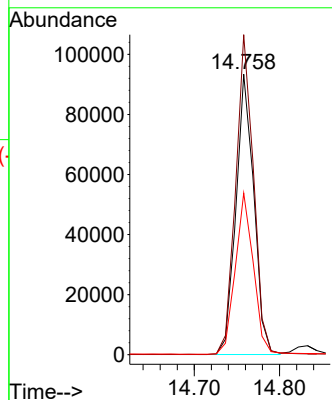
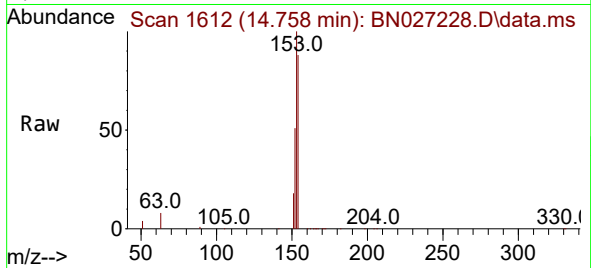




#17  
Acenaphthene  
Concen: 5.563 ng  
RT: 14.758 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

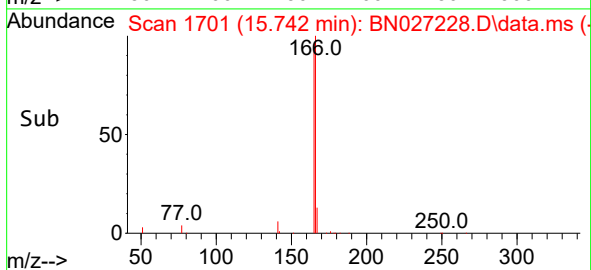
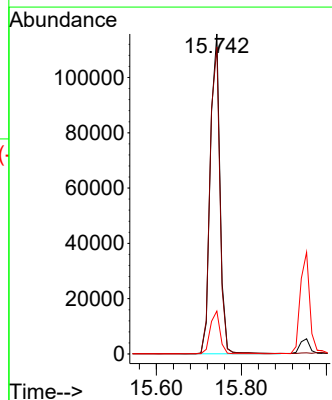
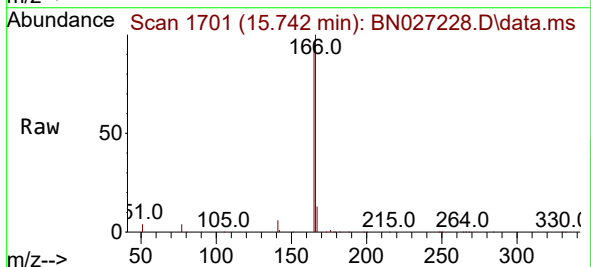
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

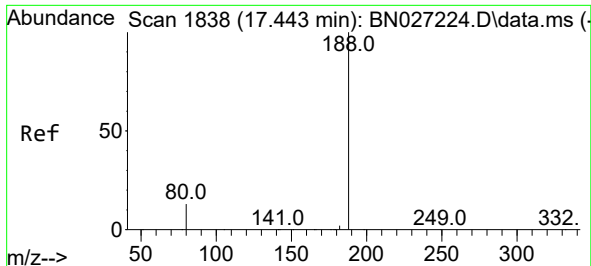
Tgt Ion:154 Resp: 136100  
Ion Ratio Lower Upper  
154 100  
153 114.2 93.1 139.7  
152 58.5 48.6 73.0



#18  
Fluorene  
Concen: 5.544 ng  
RT: 15.742 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

Tgt Ion:166 Resp: 182131  
Ion Ratio Lower Upper  
166 100  
165 98.0 79.0 118.4  
167 13.5 10.8 16.2

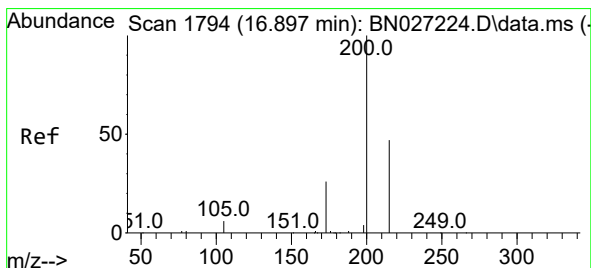
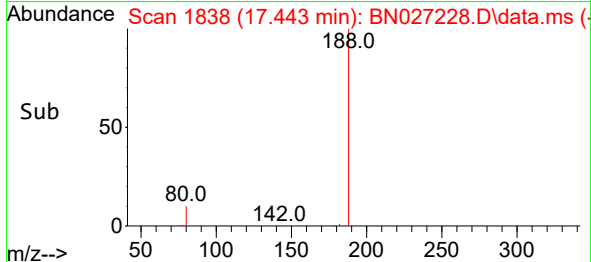
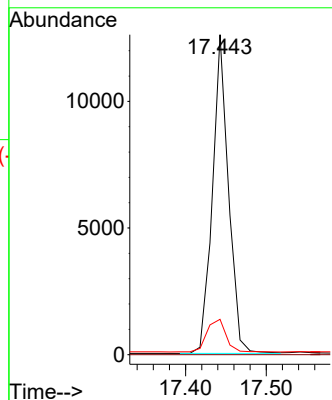
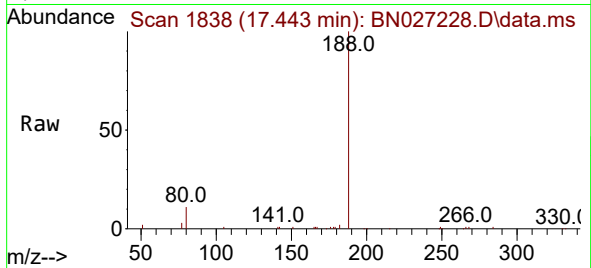




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.443 min Scan# 1838  
Delta R.T. -0.000 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

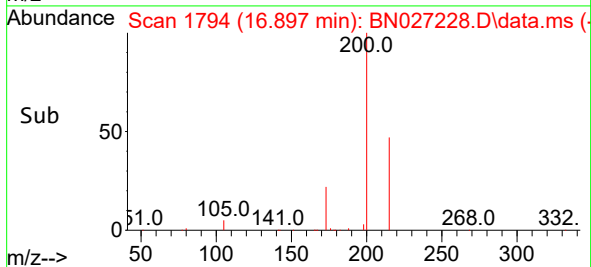
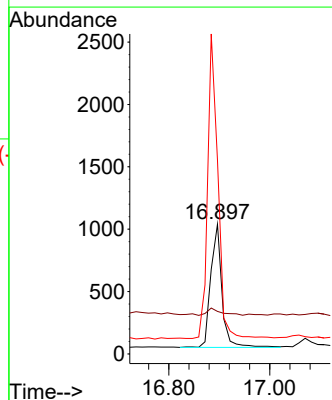
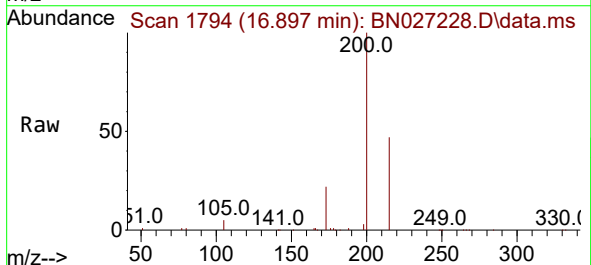
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

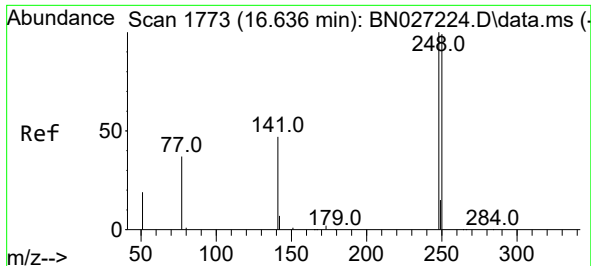
Tgt Ion:188 Resp: 17434  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.0 11.0 16.6#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 5.555 ng  
RT: 16.897 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

Tgt Ion:198 Resp: 1519  
Ion Ratio Lower Upper  
198 100  
51 32.8 282.2 423.2#  
105 149.3 168.7 253.1#

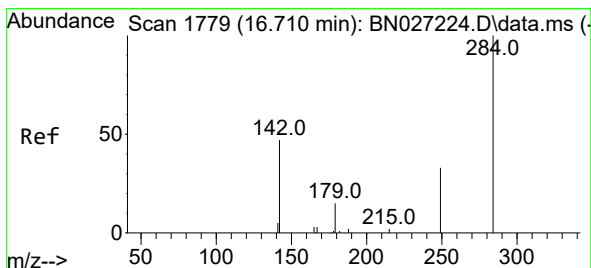
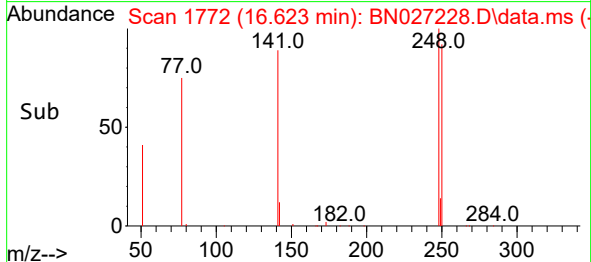
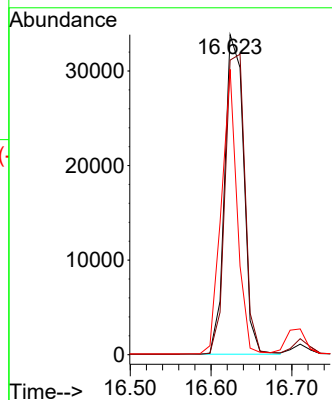
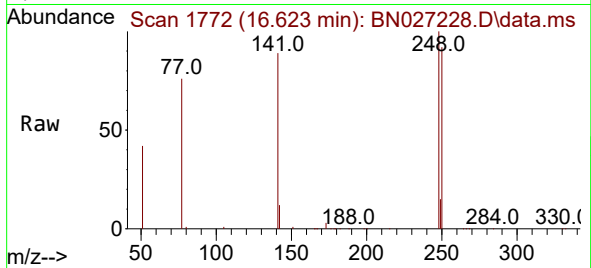




#21  
4-Bromophenyl-phenylether  
Concen: 5.533 ng  
RT: 16.623 min Scan# 1772  
Delta R.T. -0.013 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

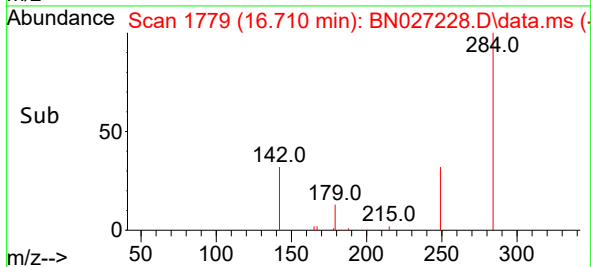
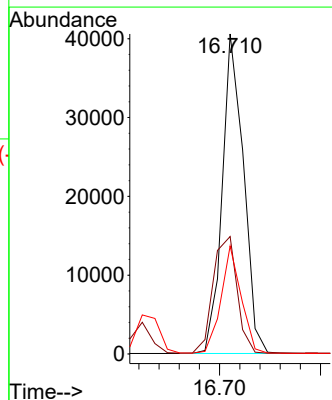
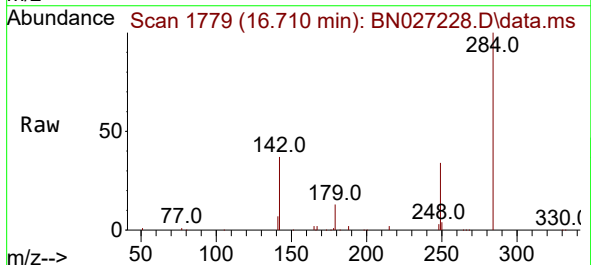
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

Tgt Ion:248 Resp: 55094  
Ion Ratio Lower Upper  
248 100  
250 92.1 79.7 119.5  
141 89.2 39.8 59.8#



#22  
Hexachlorobenzene  
Concen: 5.585 ng  
RT: 16.710 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

Tgt Ion:284 Resp: 59365  
Ion Ratio Lower Upper  
284 100  
142 41.1 32.9 49.3  
249 31.6 24.3 36.5





#23

Atrazine

Concen: 4.848 ng

RT: 16.897 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN027228.D

Acq: 28 Aug 2023 22:50

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

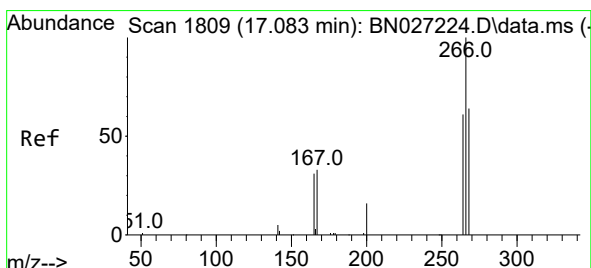
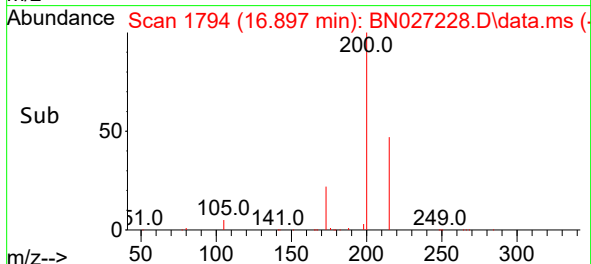
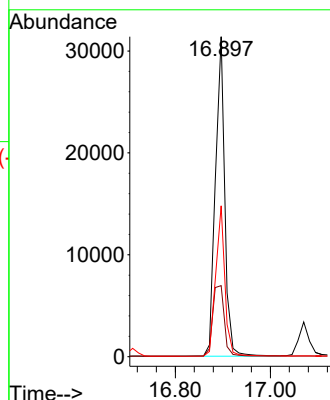
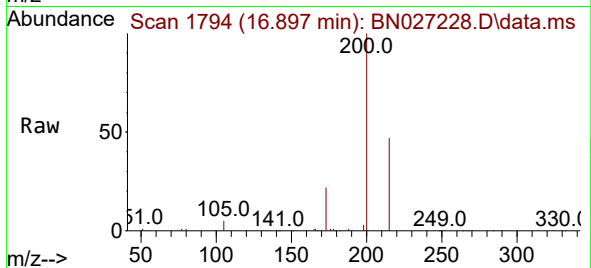
Tgt Ion:200 Resp: 42938

Ion Ratio Lower Upper

200 100

173 22.2 22.5 33.7#

215 47.1 39.0 58.6



#24

Pentachlorophenol

Concen: 5.138 ng

RT: 17.070 min Scan# 1808

Delta R.T. -0.013 min

Lab File: BN027228.D

Acq: 28 Aug 2023 22:50

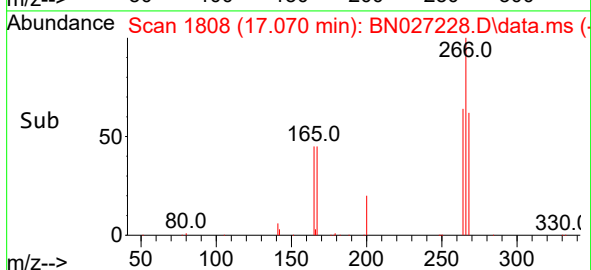
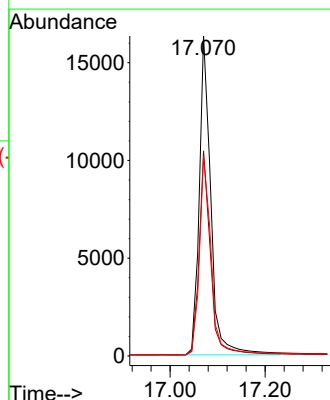
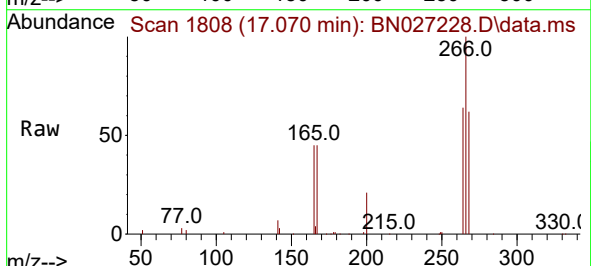
Tgt Ion:266 Resp: 27573

Ion Ratio Lower Upper

266 100

264 63.2 50.3 75.5

268 63.7 52.0 78.0





#25

Phenanthrene

Concen: 5.761 ng

RT: 17.480 min Scan# 1841

Delta R.T. -0.013 min

Lab File: BN027228.D

Acq: 28 Aug 2023 22:50

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

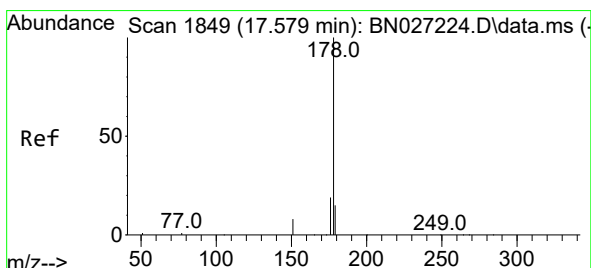
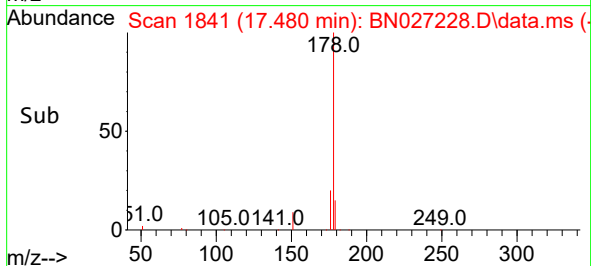
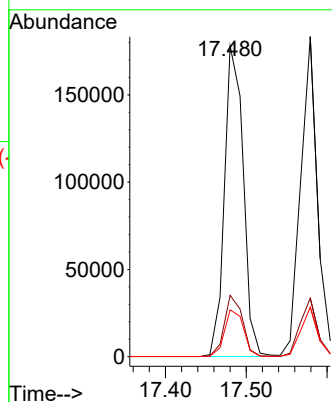
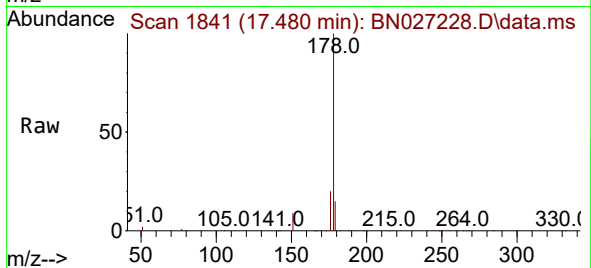
Tgt Ion:178 Resp: 288730

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 15.2 12.3 18.5



#26

Anthracene

Concen: 5.752 ng

RT: 17.579 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BN027228.D

Acq: 28 Aug 2023 22:50

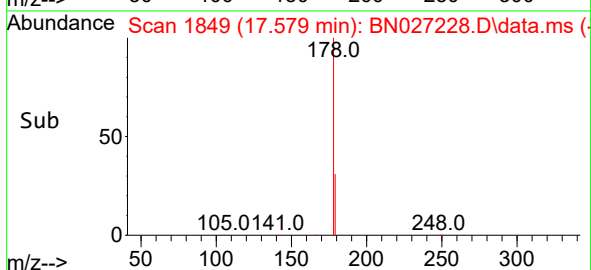
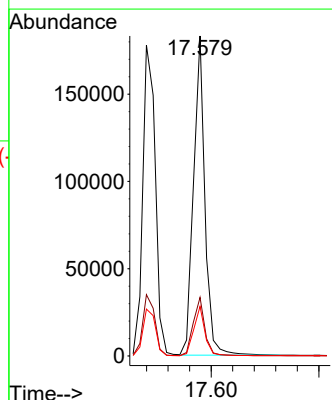
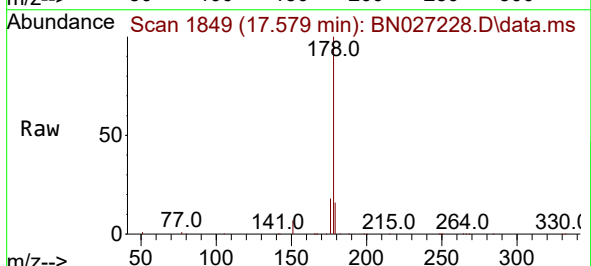
Tgt Ion:178 Resp: 268935

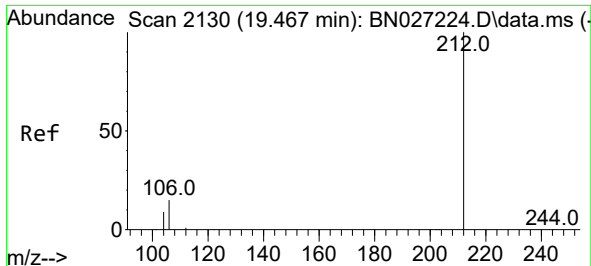
Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.3 12.0 18.0

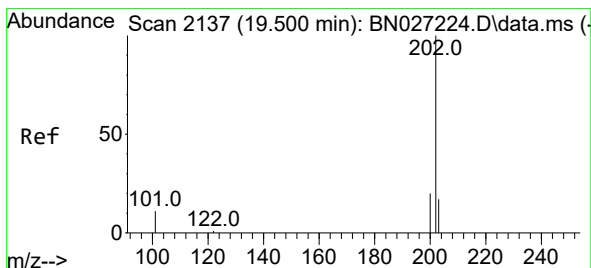
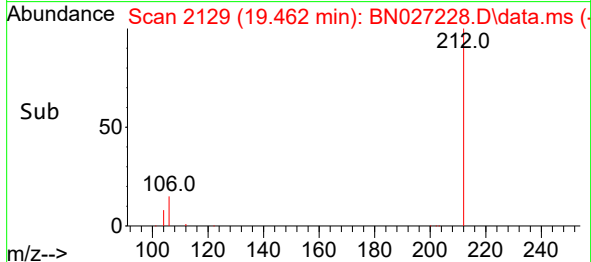
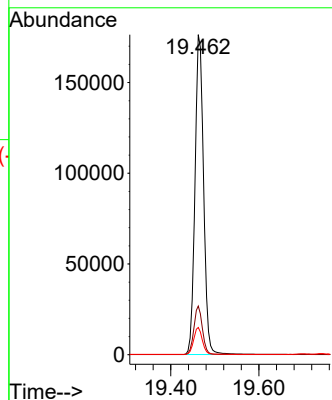
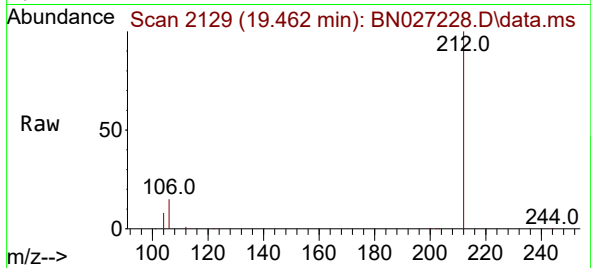




#27  
Fluoranthene-d10  
Concen: 5.345 ng  
RT: 19.462 min Scan# 2129  
Delta R.T. -0.005 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

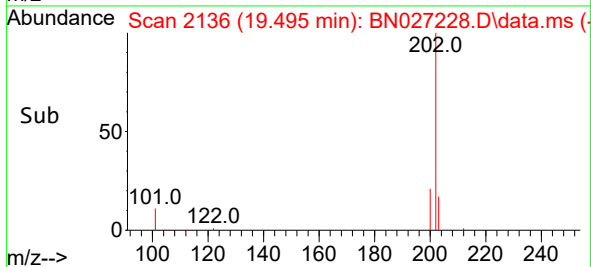
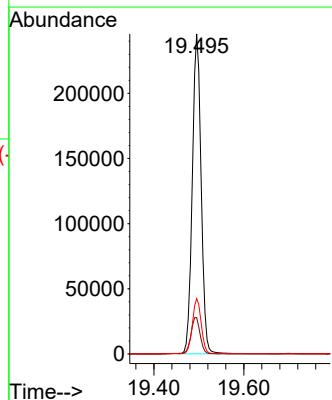
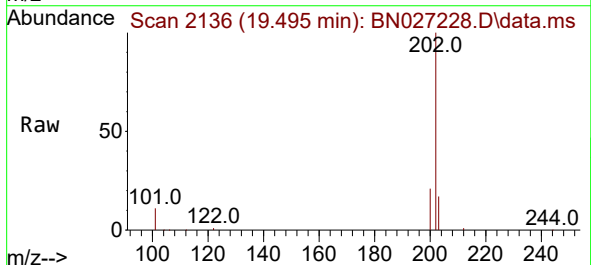
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

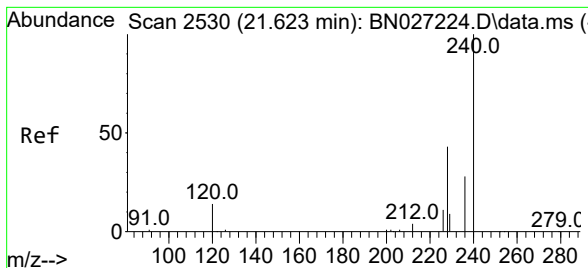
Tgt Ion:212 Resp: 238979  
Ion Ratio Lower Upper  
212 100  
106 15.0 12.1 18.1  
104 8.4 6.9 10.3



#28  
Fluoranthene  
Concen: 5.626 ng  
RT: 19.495 min Scan# 2136  
Delta R.T. -0.005 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

Tgt Ion:202 Resp: 334002  
Ion Ratio Lower Upper  
202 100  
101 11.9 9.6 14.4  
203 17.3 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.614 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN027228.D

Acq: 28 Aug 2023 22:50

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

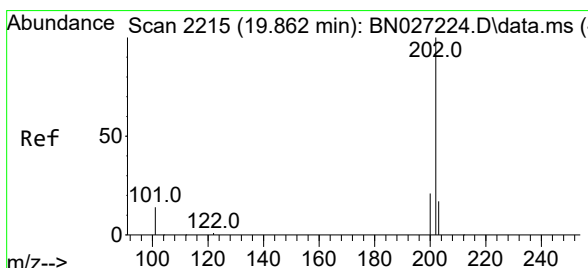
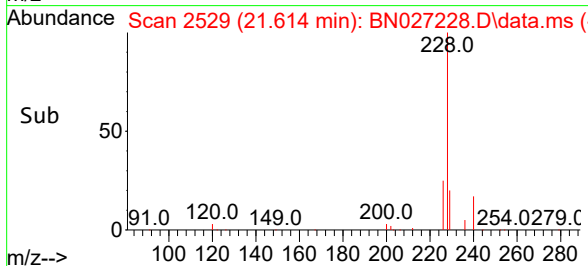
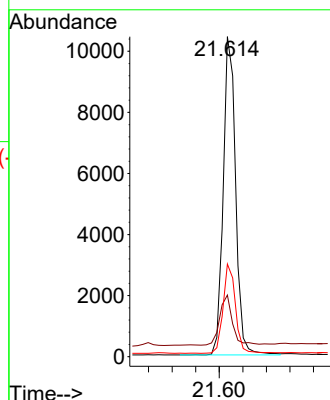
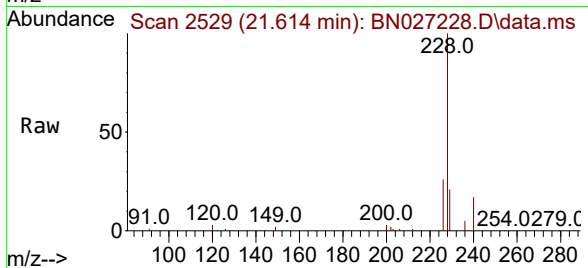
Tgt Ion:240 Resp: 15265

Ion Ratio Lower Upper

240 100

120 19.2 14.2 21.4

236 29.0 22.9 34.3



#30

Pyrene

Concen: 5.662 ng

RT: 19.862 min Scan# 2215

Delta R.T. -0.000 min

Lab File: BN027228.D

Acq: 28 Aug 2023 22:50

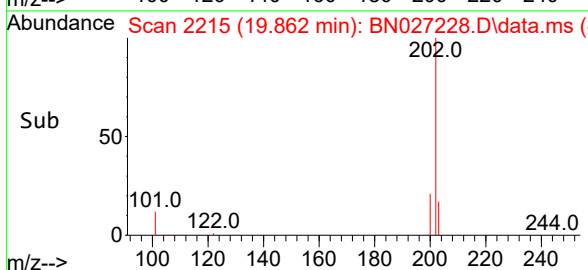
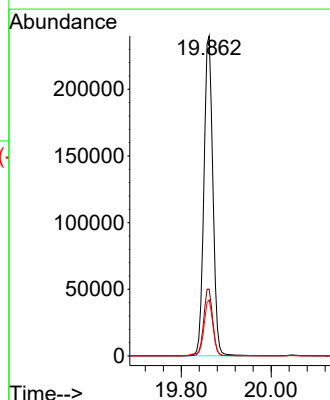
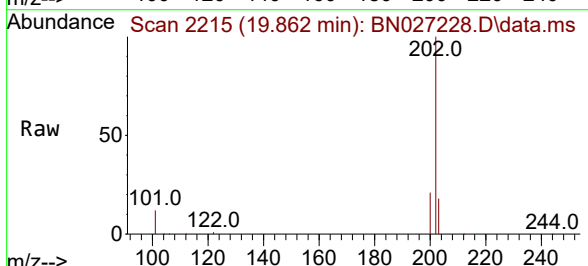
Tgt Ion:202 Resp: 332597

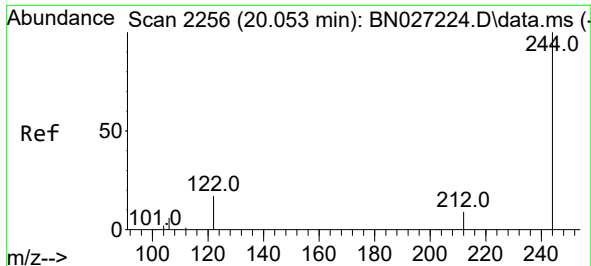
Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

203 17.8 14.2 21.4

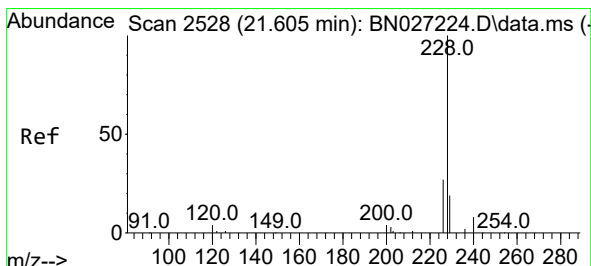
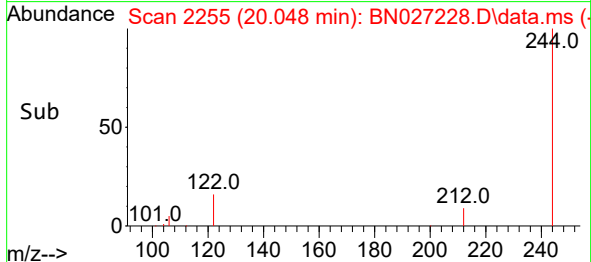
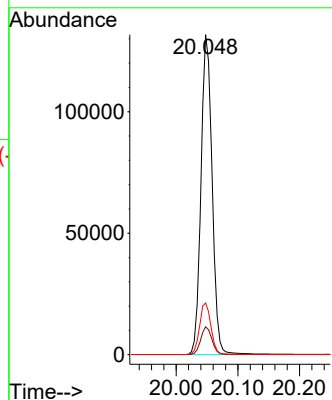
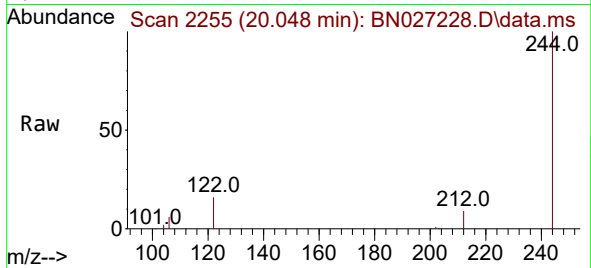




#31  
 Terphenyl-d14  
 Concen: 5.187 ng  
 RT: 20.048 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BN027228.D  
 Acq: 28 Aug 2023 22:50

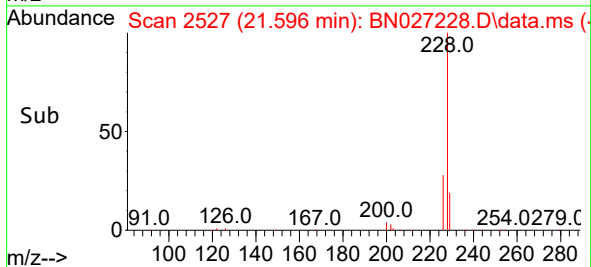
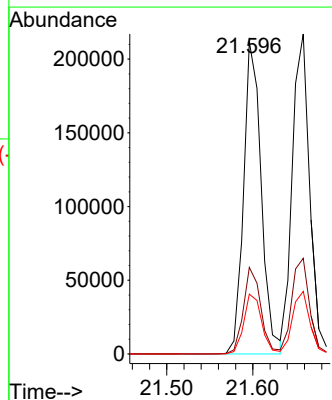
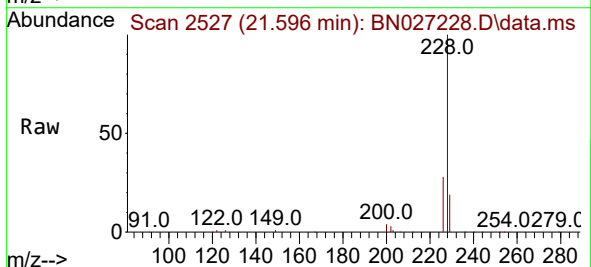
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0

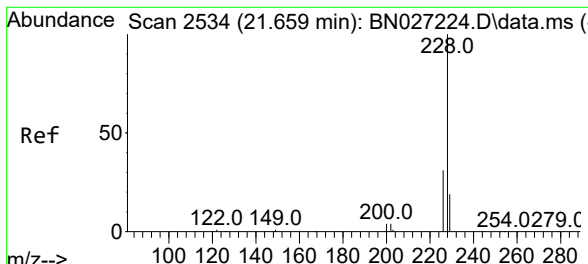
Tgt Ion:244 Resp: 165460  
 Ion Ratio Lower Upper  
 244 100  
 212 8.7 7.5 11.3  
 122 16.1 14.0 21.0



#32  
 Benzo(a)anthracene  
 Concen: 5.480 ng  
 RT: 21.596 min Scan# 2527  
 Delta R.T. -0.009 min  
 Lab File: BN027228.D  
 Acq: 28 Aug 2023 22:50

Tgt Ion:228 Resp: 301942  
 Ion Ratio Lower Upper  
 228 100  
 226 27.7 21.9 32.9  
 229 19.2 15.7 23.5



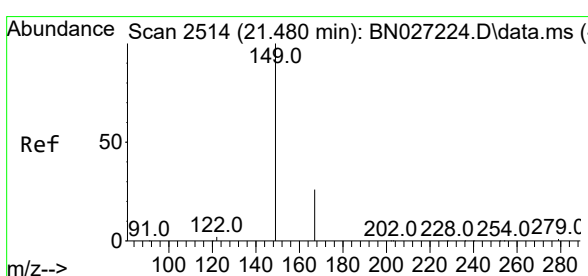
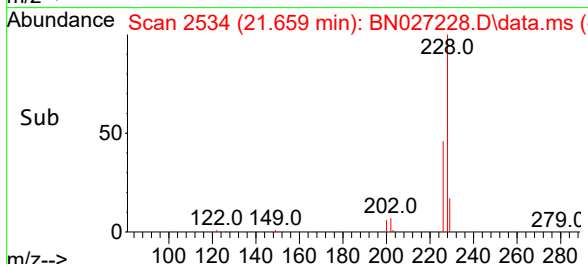
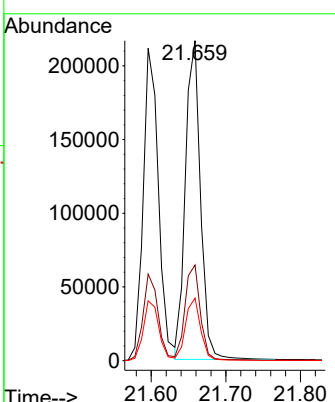
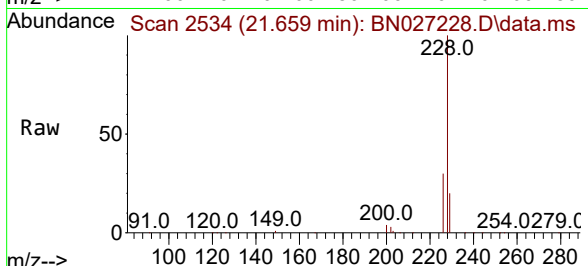


#33  
 Chrysene  
 Concen: 5.452 ng  
 RT: 21.659 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN027228.D  
 Acq: 28 Aug 2023 22:50

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0

Tgt Ion:228 Resp: 303204

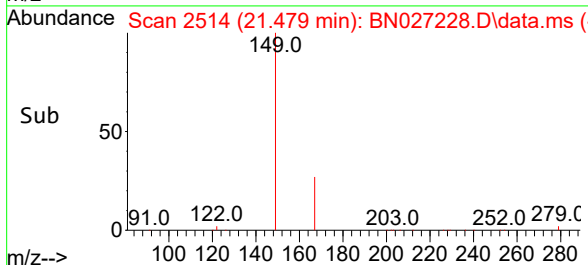
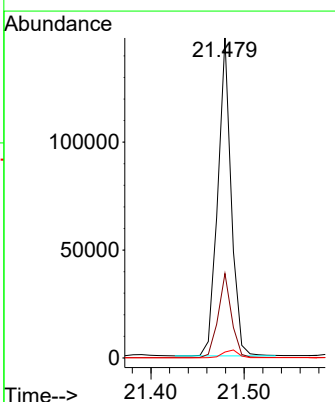
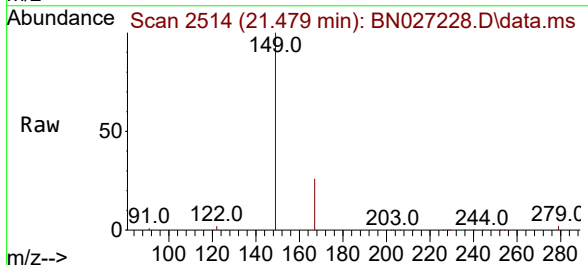
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.9  | 24.3  | 36.5  |
| 229 | 19.6  | 15.4  | 23.2  |

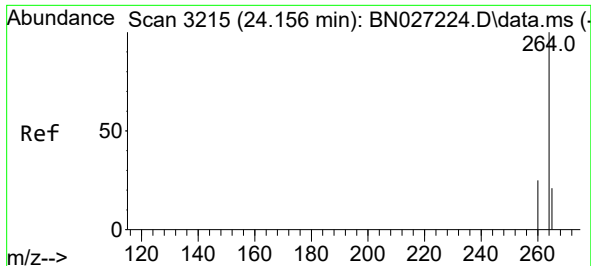


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.701 ng  
 RT: 21.479 min Scan# 2514  
 Delta R.T. -0.000 min  
 Lab File: BN027228.D  
 Acq: 28 Aug 2023 22:50

Tgt Ion:149 Resp: 146803

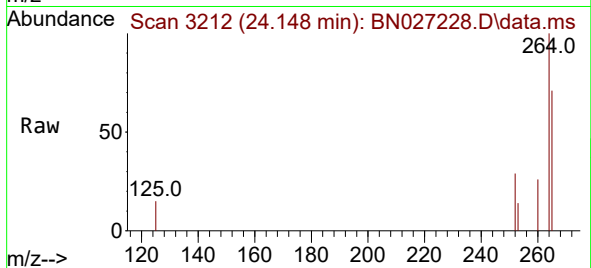
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.3  | 22.1  | 33.1  |
| 279 | 2.7   | 2.7   | 4.1   |



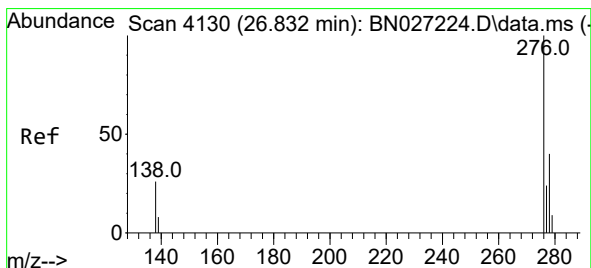
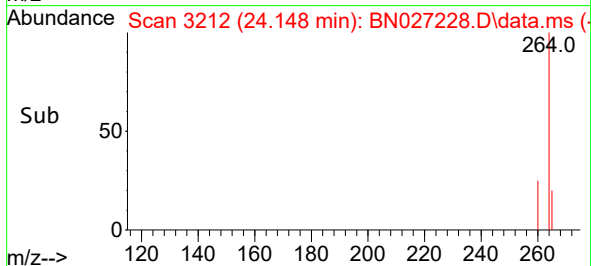
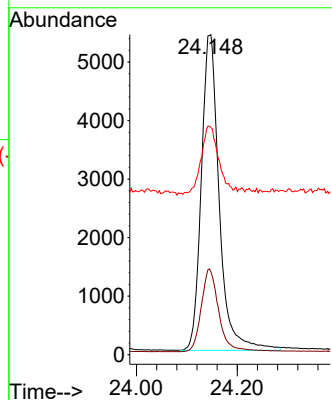


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.148 min Scan# 31  
Delta R.T. -0.009 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

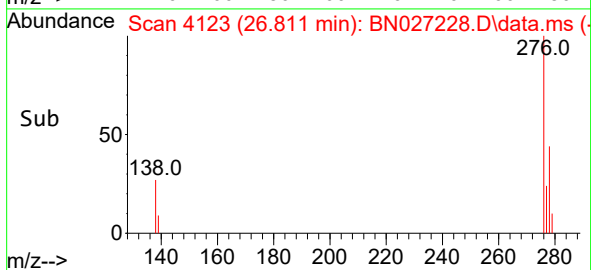
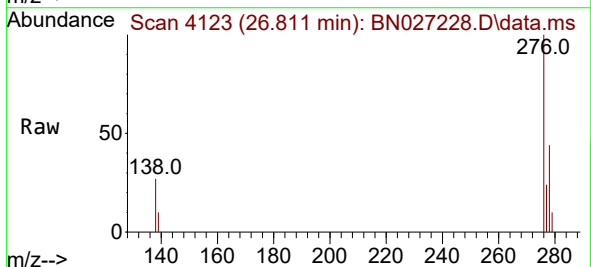
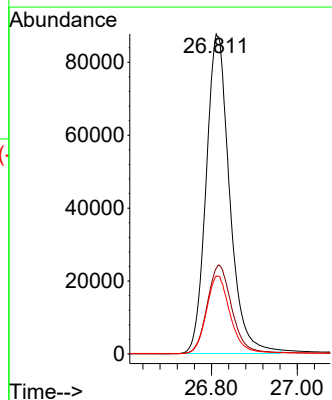


Tgt Ion:264 Resp: 13296  
Ion Ratio Lower Upper  
264 100  
260 25.9 20.7 31.1  
265 71.0 53.3 79.9



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 6.115 ng  
RT: 26.811 min Scan# 4123  
Delta R.T. -0.021 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

Tgt Ion:276 Resp: 332954  
Ion Ratio Lower Upper  
276 100  
138 29.2 23.4 35.2  
277 24.7 19.8 29.8

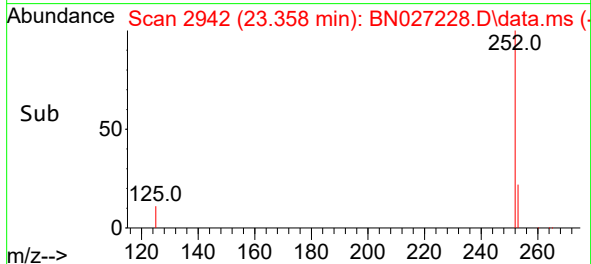
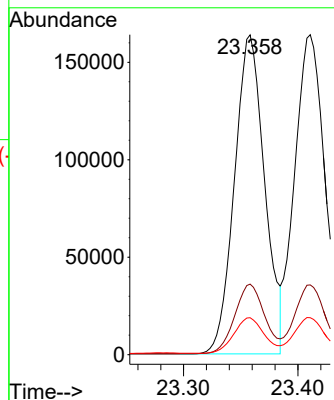
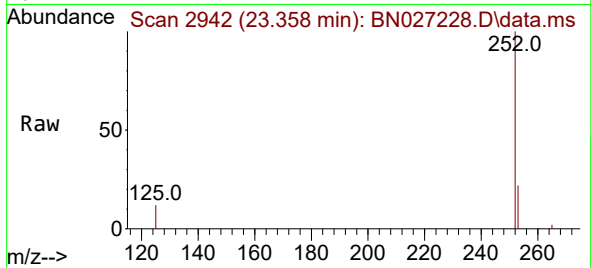




#37  
Benzo(b)fluoranthene  
Concen: 6.739 ng  
RT: 23.358 min Scan# 2942  
Delta R.T. -0.009 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

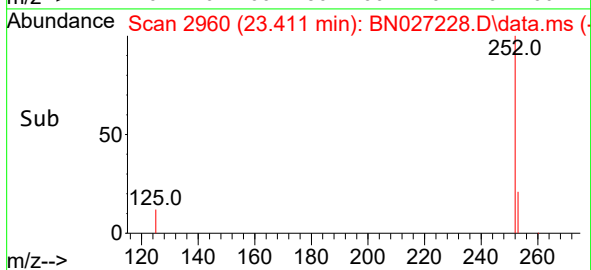
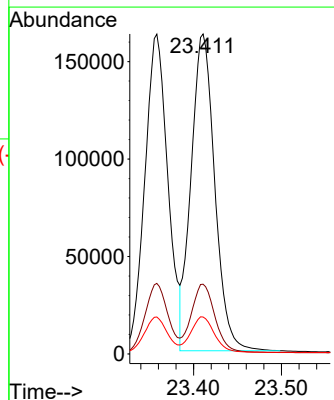
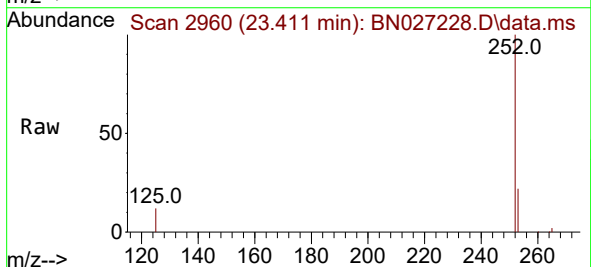
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

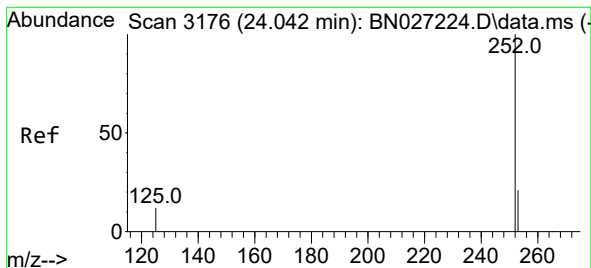
Tgt Ion:252 Resp: 299853  
Ion Ratio Lower Upper  
252 100  
253 22.1 19.9 29.9  
125 11.6 13.8 20.6#



#38  
Benzo(k)fluoranthene  
Concen: 6.657 ng  
RT: 23.411 min Scan# 2960  
Delta R.T. -0.009 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

Tgt Ion:252 Resp: 304555  
Ion Ratio Lower Upper  
252 100  
253 21.8 20.2 30.2  
125 11.6 14.1 21.1#





#39

Benzo(a)pyrene

Concen: 6.396 ng

RT: 24.031 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN027228.D

Acq: 28 Aug 2023 22:50

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

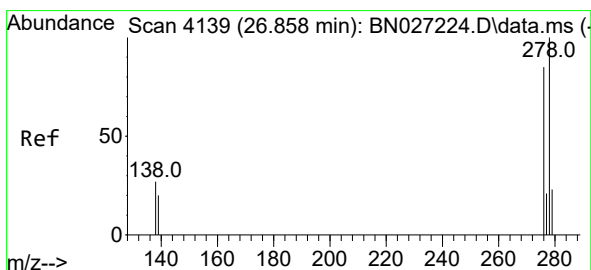
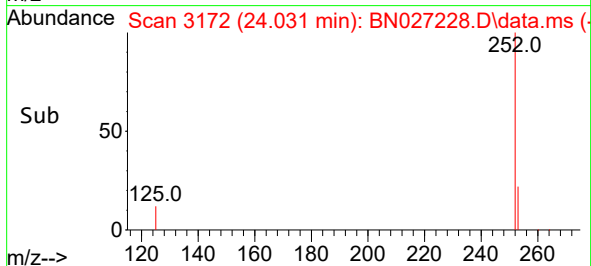
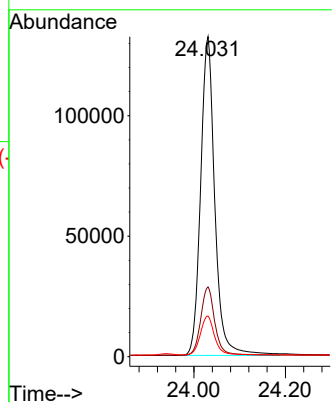
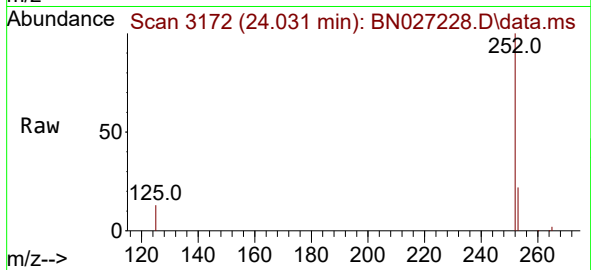
Tgt Ion:252 Resp: 285122

Ion Ratio Lower Upper

252 100

253 21.8 21.4 32.0

125 12.7 16.5 24.7#



#40

Dibenzo(a,h)anthracene

Concen: 6.113 ng

RT: 26.834 min Scan# 4131

Delta R.T. -0.023 min

Lab File: BN027228.D

Acq: 28 Aug 2023 22:50

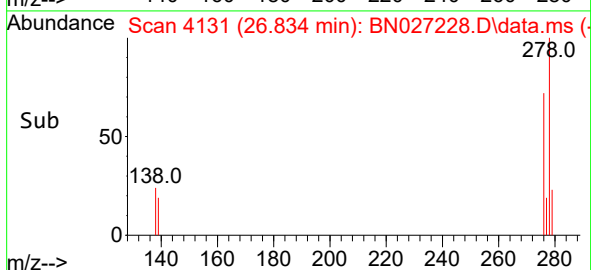
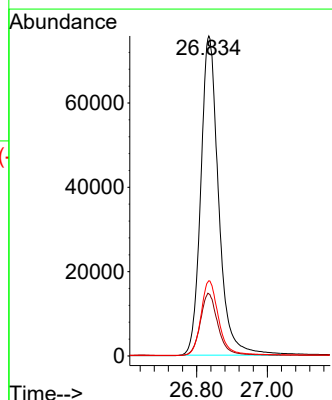
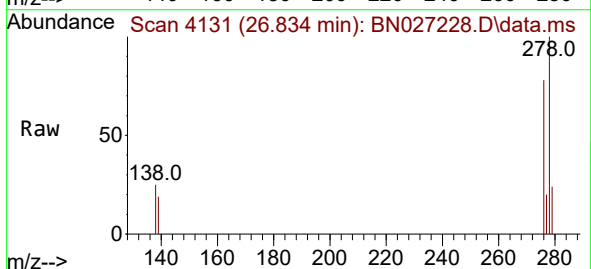
Tgt Ion:278 Resp: 264968

Ion Ratio Lower Upper

278 100

139 19.4 17.9 26.9

279 23.5 21.8 32.6





#41  
Benzo(g,h,i)perylene  
Concen: 6.140 ng  
RT: 27.641 min Scan# 4414  
Delta R.T. -0.021 min  
Lab File: BN027228.D  
Acq: 28 Aug 2023 22:50

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

Tgt Ion:276 Resp: 286429  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.6 29.4  
138 25.2 22.1 33.1

