

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101123\  
 Data File : BN028257.D  
 Acq On : 12 Oct 2023 06:27  
 Operator : MA/JU  
 Sample : 04805-03MSD 5X  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

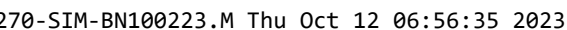
Instrument :  
 BNA\_N  
 ClientSampleId :  
 B-1(0-5)MSD

Quant Time: Oct 12 06:56:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN100223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 12 06:39:06 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.915  | 152  | 946      | 0.400   | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.725 | 136  | 3018     | 0.400   | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.555 | 164  | 2774     | 0.400   | ng    | #-0.01   |
| 19) Phenanthrene-d10          | 17.319 | 188  | 4069     | 0.400   | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.524 | 240  | 3764     | 0.400   | ng    | # 0.00   |
| 35) Perylene-d12              | 24.005 | 264  | 4926     | 0.400   | ng    | # 0.03   |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) 2-Fluorophenol             | 5.452  | 112  | 700      | 0.248   | ng    | -0.01    |
| 5) Phenol-d6                  | 7.084  | 99   | 837      | 0.235   | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.112  | 82   | 871      | 0.339   | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.313 | 152  | 1250     | 0.280   | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 16.065 | 330  | 279      | 0.220   | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.176 | 172  | 1576     | 0.158   | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.360 | 212  | 1373     | 0.134   | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.932 | 244  | 6542     | 0.745   | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.336  | 88   | 320      | 0.302   | ng    | # 65     |
| 3) n-Nitrosodimethylamine     | 3.697  | 42   | 319      | 0.262   | ng    | # 83     |
| 6) bis(2-Chloroethyl)ether    | 7.358  | 93   | 913      | 0.318   | ng    | # 86     |
| 9) Naphthalene                | 10.778 | 128  | 436026   | 55.916  | ng    | # 98     |
| 10) Hexachlorobutadiene       | 11.002 | 225  | 463      | 0.334   | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.389 | 142  | 179582   | 32.921  | ng    | 100      |
| 16) Acenaphthylene            | 14.288 | 152  | 718121   | 58.438  | ng    | 99       |
| 17) Acenaphthene              | 14.619 | 154  | 293398   | 37.454  | ng    | 99       |
| 18) Fluorene                  | 15.606 | 166  | 612482   | 60.201  | ng    | 96       |
| 20) 4,6-Dinitro-2-methylph... | 16.773 | 198  | 612      | 11.316  | ng    | # 45     |
| 21) 4-Bromophenyl-phenylether | 16.500 | 248  | 671      | 0.316   | ng    | # 1      |
| 22) Hexachlorobenzene         | 16.586 | 284  | 724      | 0.325   | ng    | # 13     |
| 23) Atrazine                  | 16.773 | 200  | 701      | 0.378   | ng    | # 1      |
| 24) Pentachlorophenol         | 16.959 | 266  | 2432     | 2.320   | ng    | 96       |
| 25) Phenanthrene              | 17.368 | 178  | 4578243  | 417.345 | ng    | 99       |
| 26) Anthracene                | 17.455 | 178  | 1693658  | 163.342 | ng    | 98       |
| 28) Fluoranthene              | 19.398 | 202  | 7467468  | 589.841 | ng    | 97       |
| 30) Pyrene                    | 19.765 | 202  | 6860258  | 497.040 | ng    | 98       |
| 32) Benzo(a)anthracene        | 21.507 | 228  | 3714594  | 290.017 | ng    | 98       |
| 33) Chrysene                  | 21.569 | 228  | 3092885  | 250.571 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.372 | 149  | 11361    | 1.349   | ng    | # 38     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.618 | 276  | 2022509  | 122.063 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 23.244 | 252  | 4189706  | 263.350 | ng    | # 89     |
| 39) Benzo(a)pyrene            | 24.060 | 252  | 847559   | 56.341  | ng    | 92       |
| 40) Dibenzo(a,h)anthracene    | 26.621 | 278  | 548159   | 40.441  | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 27.440 | 276  | 1868571  | 134.304 | ng    | 96       |
| -----                         |        |      |          |         |       |          |

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

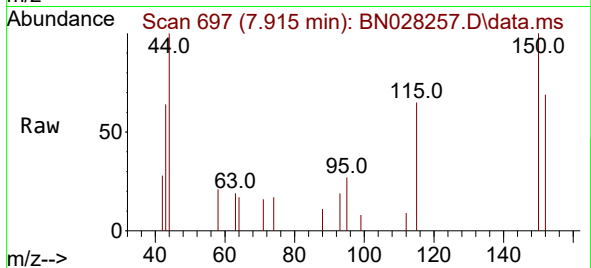
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 12 06:39:06 2023  
Response via : Initial Calibration



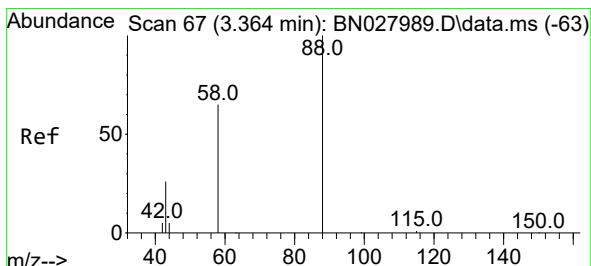
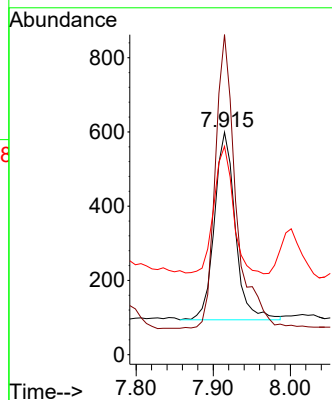
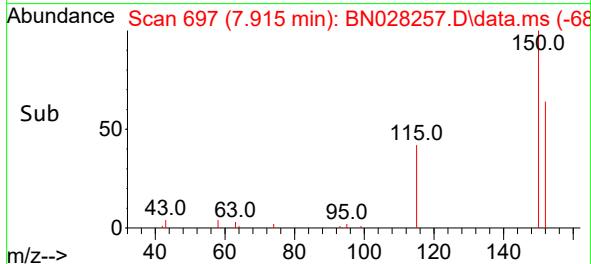


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.915 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN028257.D  
 Acq: 12 Oct 2023 06:27

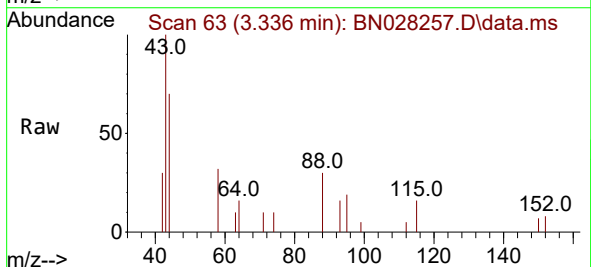
Instrument :  
 BNA\_N  
 ClientSampleId :  
 B-1(0-5)MSD



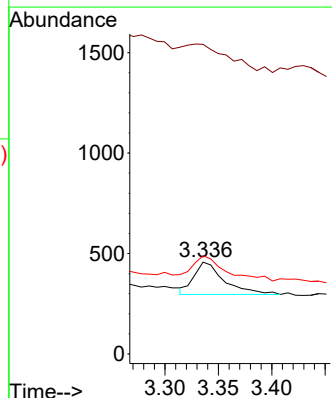
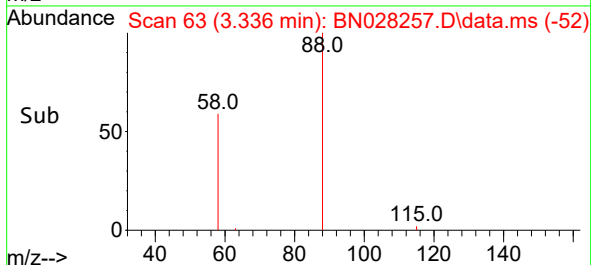
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 Ion Ratio Lower Upper  
 152 100  
 150 143.9 125.6 188.4  
 115 93.7 54.8 82.2#

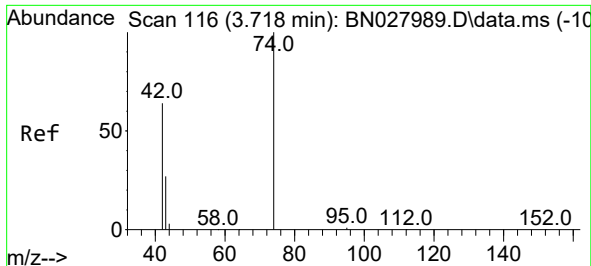


#2  
 1,4-Dioxane  
 Concen: 0.302 ng  
 RT: 3.336 min Scan# 63  
 Delta R.T. -0.022 min  
 Lab File: BN028257.D  
 Acq: 12 Oct 2023 06:27



Tgt Ion: 88 Resp: 320  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 24.6 36.8#  
 58 88.1 53.8 80.6#

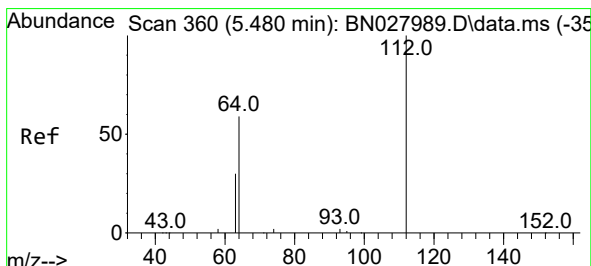
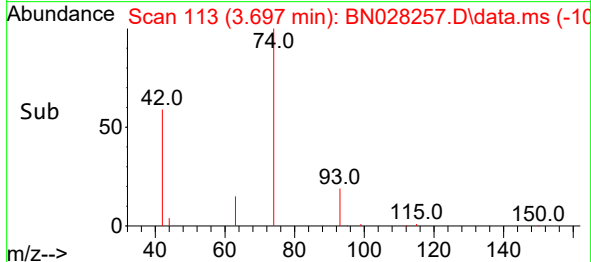
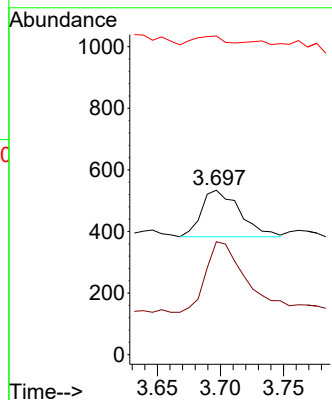
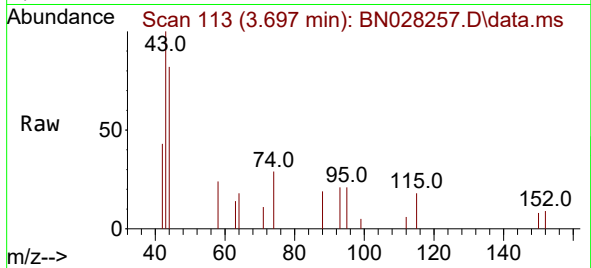




#3  
n-Nitrosodimethylamine  
Concen: 0.262 ng  
RT: 3.697 min Scan# 116  
Delta R.T. -0.014 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

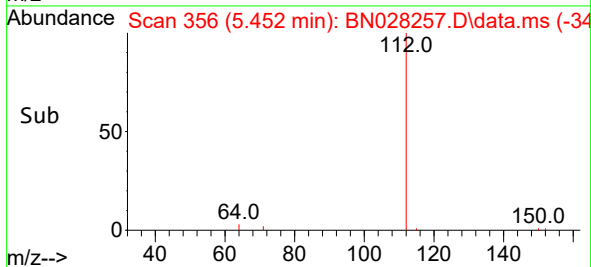
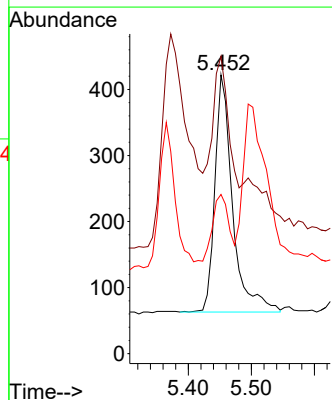
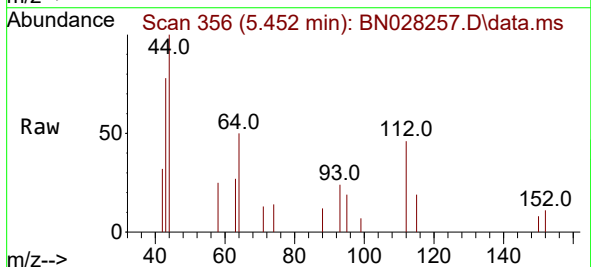
Instrument :  
BNA\_N  
ClientSampleId :  
B-1(0-5)MSD

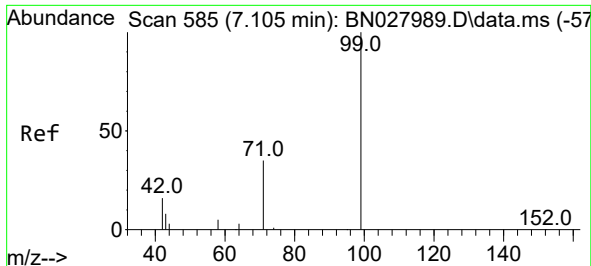
Tgt Ion: 42 Resp: 319  
Ion Ratio Lower Upper  
42 100  
74 167.1 115.9 173.9  
44 14.4 8.0 12.0#



#4  
2-Fluorophenol  
Concen: 0.248 ng  
RT: 5.452 min Scan# 356  
Delta R.T. -0.014 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

Tgt Ion: 112 Resp: 700  
Ion Ratio Lower Upper  
112 100  
64 41.1 45.0 67.6#  
63 25.6 23.4 35.0

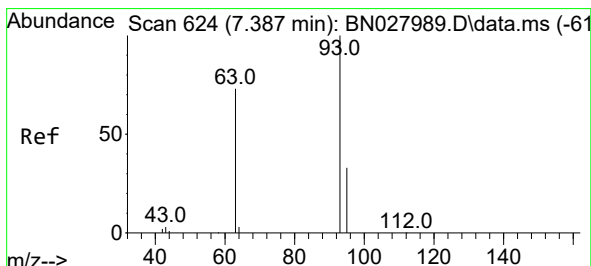
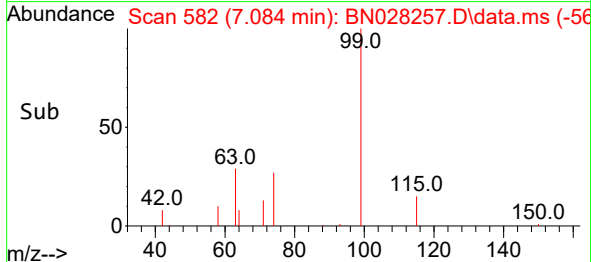
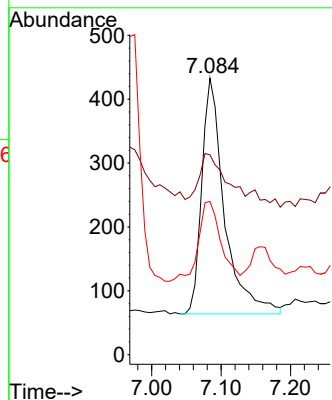
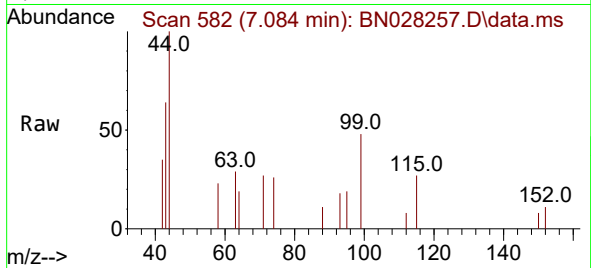




#5  
Phenol-d6  
Concen: 0.235 ng  
RT: 7.084 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

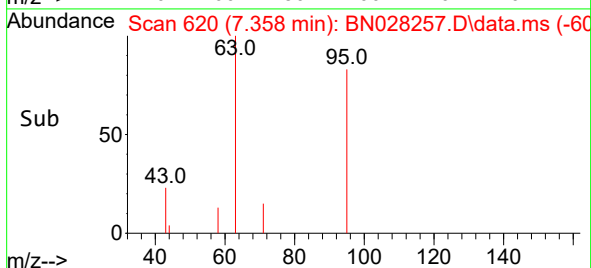
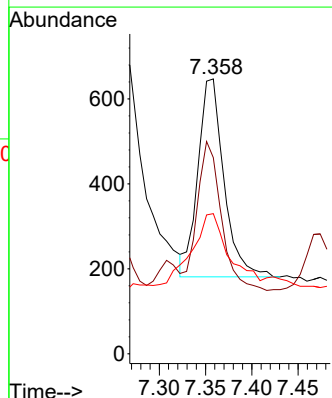
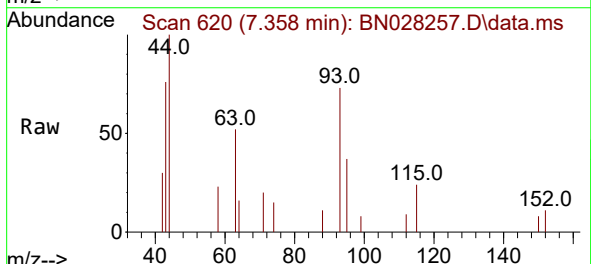
Instrument :  
BNA\_N  
ClientSampleId :  
B-1(0-5)MSD

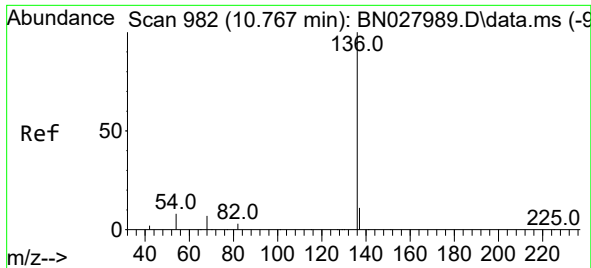
Tgt Ion: 99 Resp: 837  
Ion Ratio Lower Upper  
99 100  
42 32.6 14.6 22.0#  
71 33.7 28.3 42.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.318 ng  
RT: 7.358 min Scan# 620  
Delta R.T. -0.007 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

Tgt Ion: 93 Resp: 913  
Ion Ratio Lower Upper  
93 100  
63 69.0 58.8 88.2  
95 51.3 26.6 39.8#

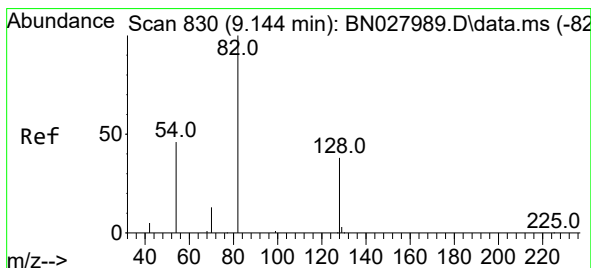
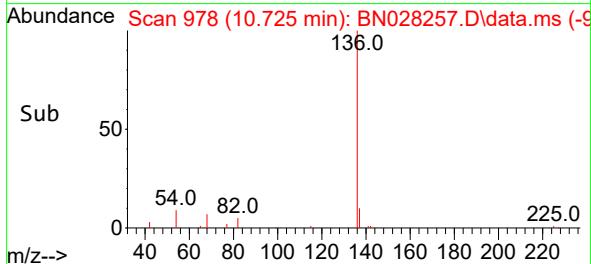
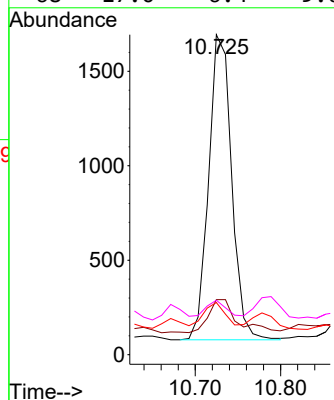
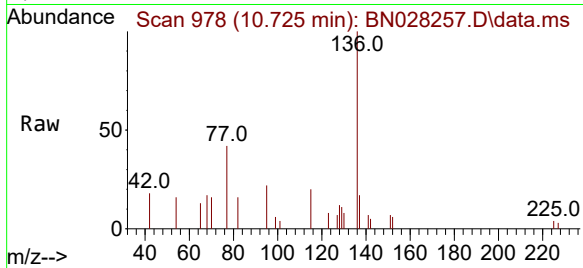




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.725 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

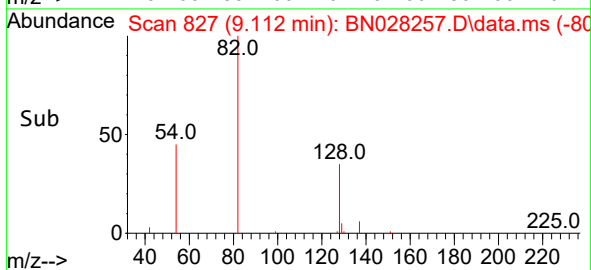
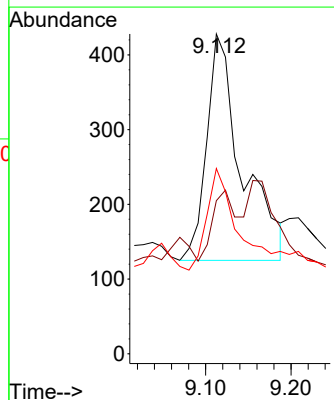
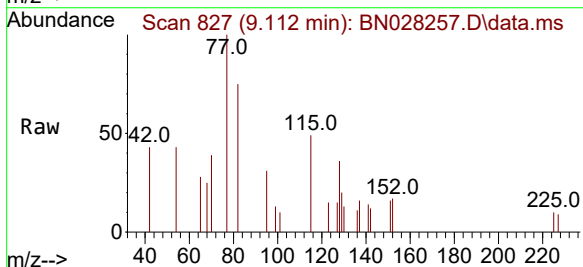
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ClientSampleId :  
B-1(0-5)MSD

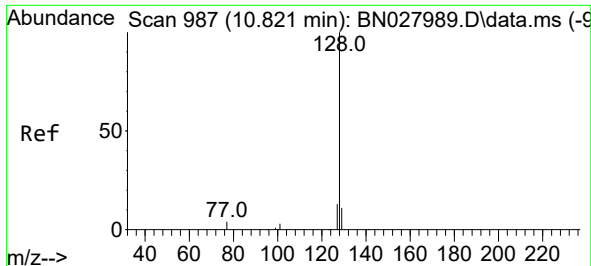
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 3018  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 17.2  | 9.4   | 14.0# |
| 54       | 16.3  | 7.0   | 10.6# |
| 68       | 17.0  | 6.4   | 9.6#  |



#8  
Nitrobenzene-d5  
Concen: 0.339 ng  
RT: 9.112 min Scan# 827  
Delta R.T. -0.011 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 871   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 47.9  | 32.7  | 49.1  |
| 54       | 57.9  | 38.7  | 58.1  |

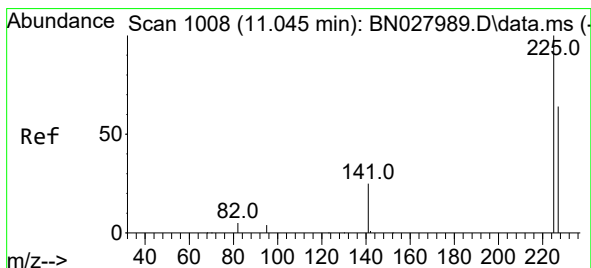
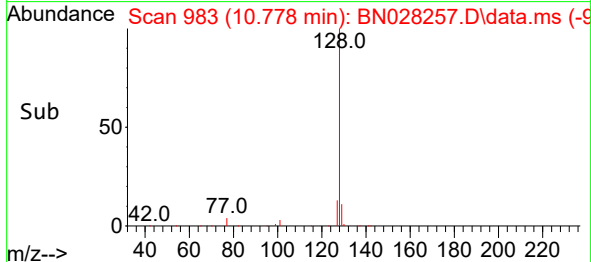
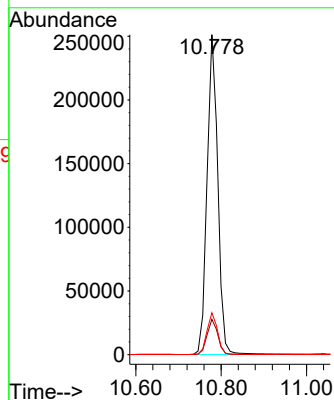
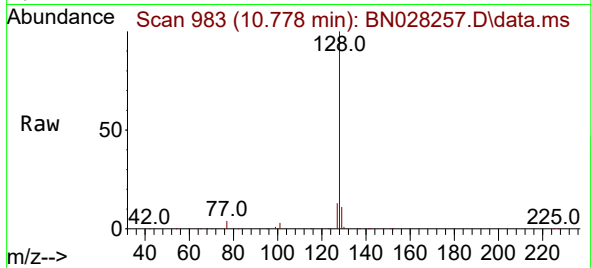




#9  
Naphthalene  
Concen: 55.916 ng  
RT: 10.778 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

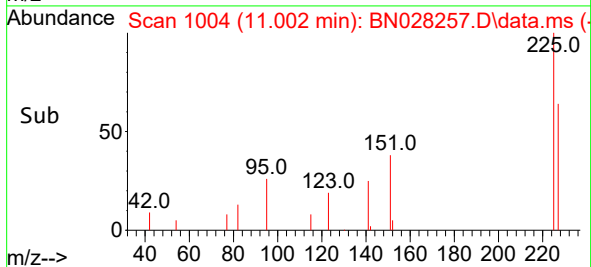
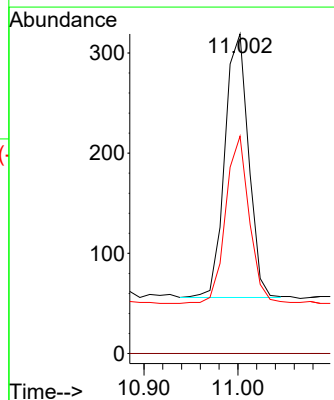
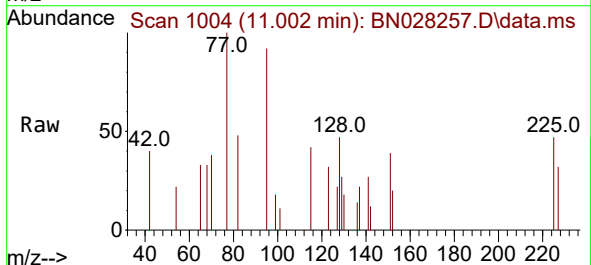
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ClientSampleId :  
B-1(0-5)MSD

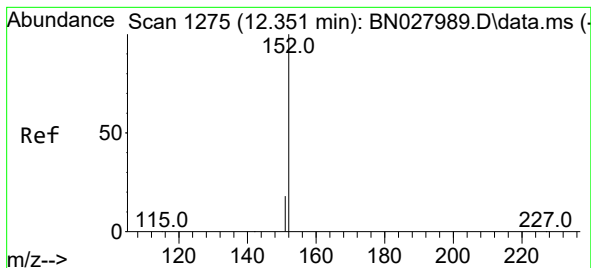
Tgt Ion:128 Resp: 436026  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.4 14.2  
127 13.1 10.9 16.3



#10  
Hexachlorobutadiene  
Concen: 0.334 ng  
RT: 11.002 min Scan# 1004  
Delta R.T. -0.011 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

Tgt Ion:225 Resp: 463  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.1 51.3 76.9

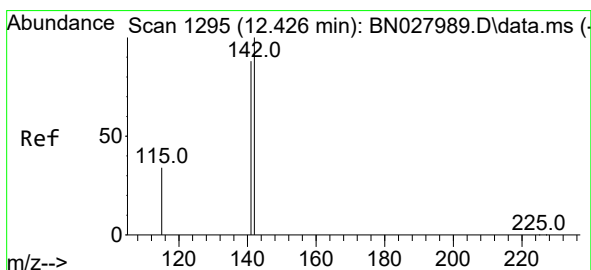
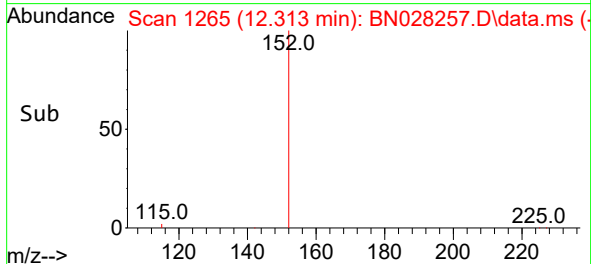
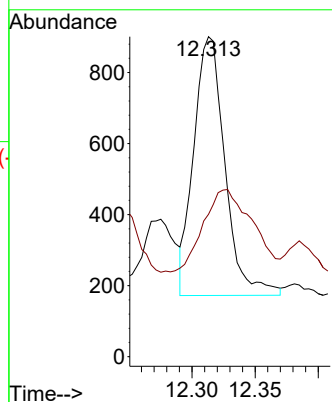
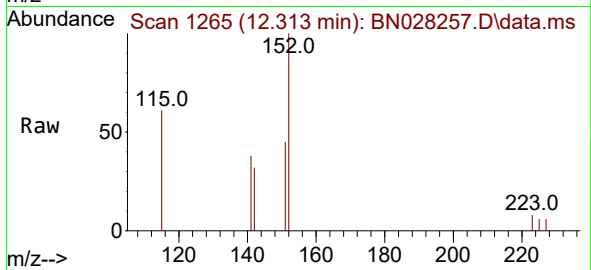




#11  
2-Methylnaphthalene-d10  
Concen: 0.280 ng  
RT: 12.313 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

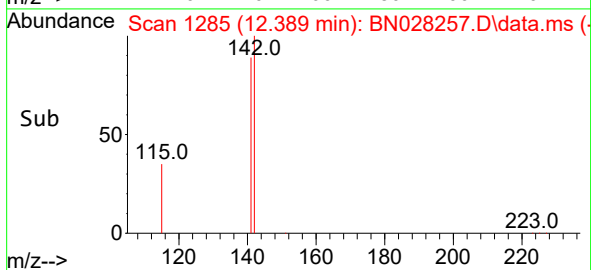
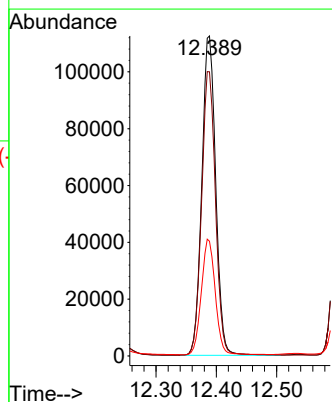
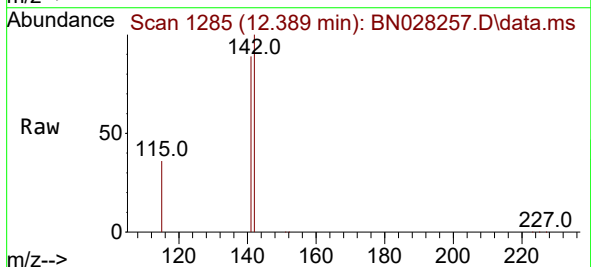
Instrument :  
BNA\_N  
ClientSampleId :  
B-1(0-5)MSD

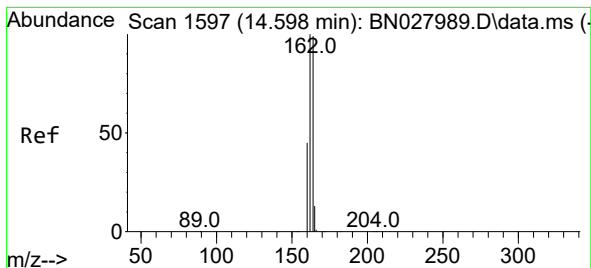
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Ion Ratio Lower Upper  
152 100  
151 49.8 16.5 24.7#



#12  
2-Methylnaphthalene  
Concen: 32.921 ng  
RT: 12.389 min Scan# 1285  
Delta R.T. -0.011 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

Tgt Ion:142 Resp: 179582  
Ion Ratio Lower Upper  
142 100  
141 88.8 70.7 106.1  
115 35.8 28.6 42.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.555 min Scan# 1593

Delta R.T. -0.011 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

Instrument :

BNA\_N

ClientSampleId :

B-1(0-5)MSD

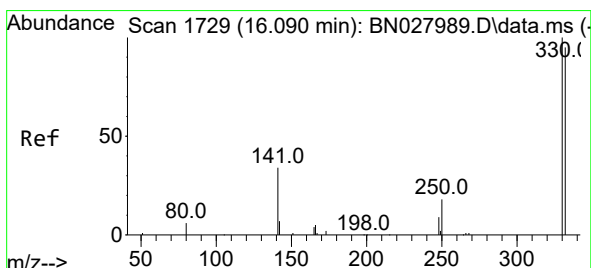
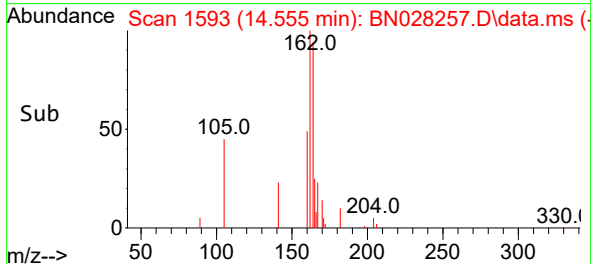
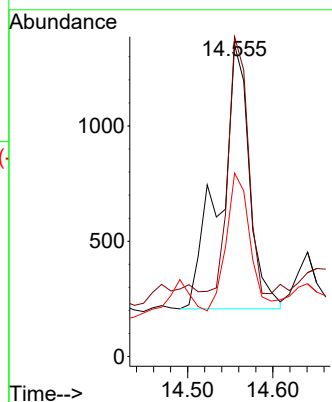
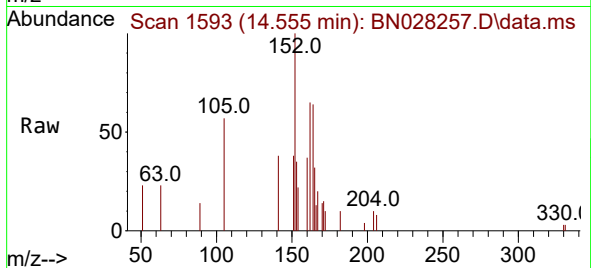
Tgt Ion:164 Resp: 2774

Ion Ratio Lower Upper

164 100

162 102.7 80.8 121.2

160 58.8 36.4 54.6#



#14

2,4,6-Tribromophenol

Concen: 0.220 ng

RT: 16.065 min Scan# 1727

Delta R.T. -0.012 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

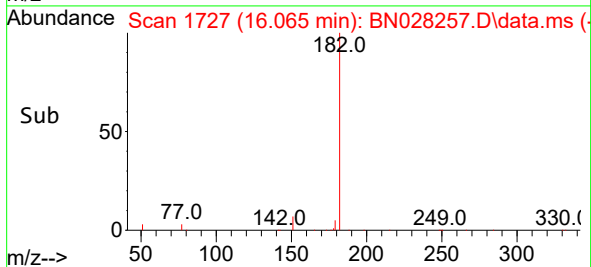
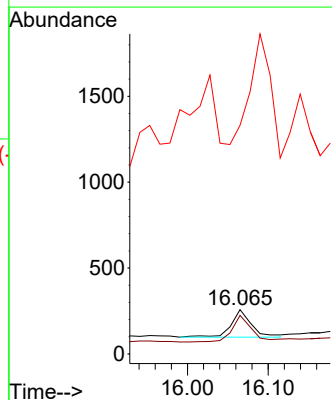
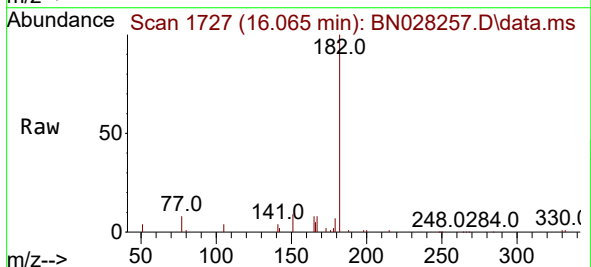
Tgt Ion:330 Resp: 279

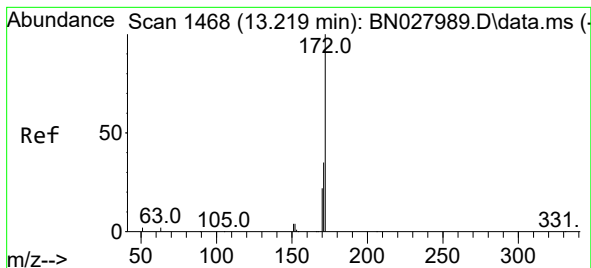
Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

141 0.0 33.4 50.2#

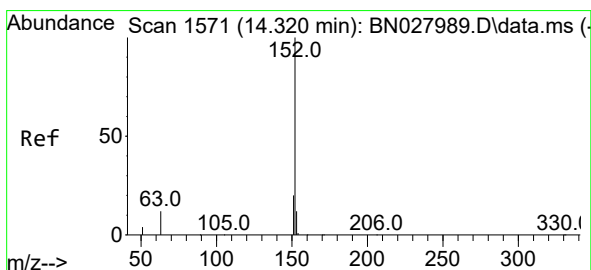
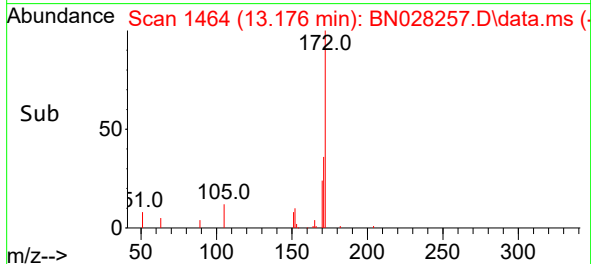
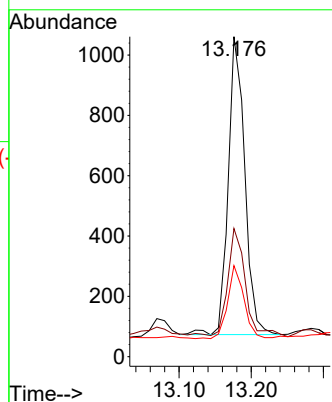
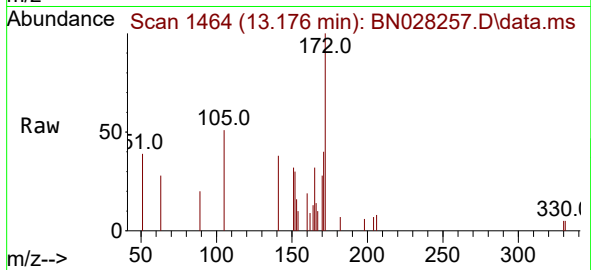




#15  
2-Fluorobiphenyl  
Concen: 0.158 ng  
RT: 13.176 min Scan# 1464  
Delta R.T. -0.011 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

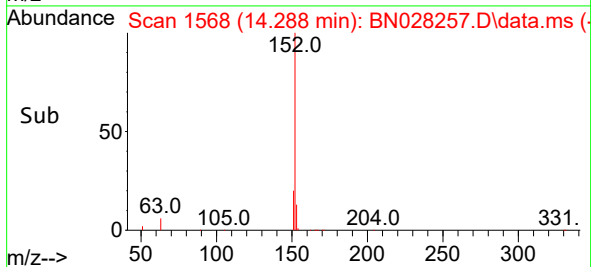
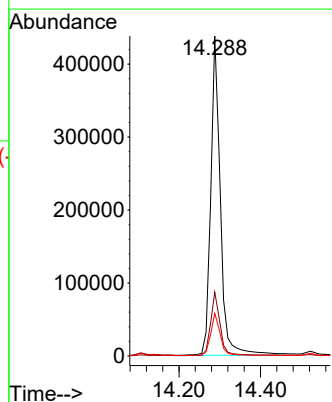
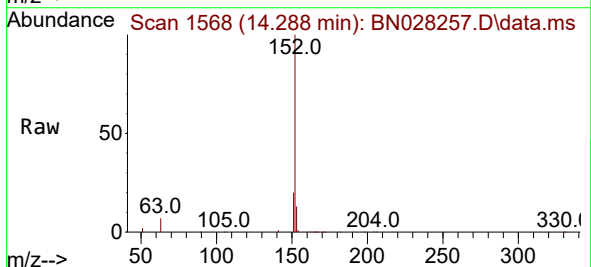
Instrument :  
BNA\_N  
ClientSampleId :  
B-1(0-5)MSD

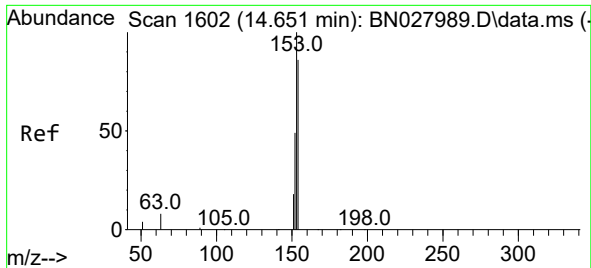
Tgt Ion:172 Resp: 1576  
Ion Ratio Lower Upper  
172 100  
171 40.1 28.1 42.1  
170 28.5 18.4 27.6#



#16  
Acenaphthylene  
Concen: 58.438 ng  
RT: 14.288 min Scan# 1568  
Delta R.T. -0.011 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

Tgt Ion:152 Resp: 718121  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.8 23.6  
153 13.3 10.2 15.4

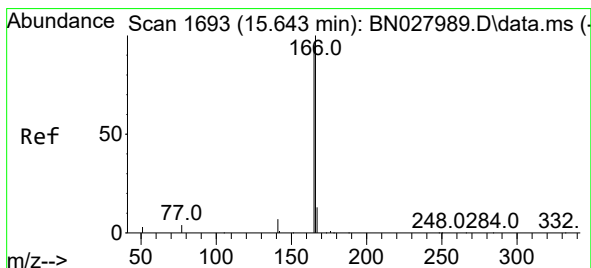
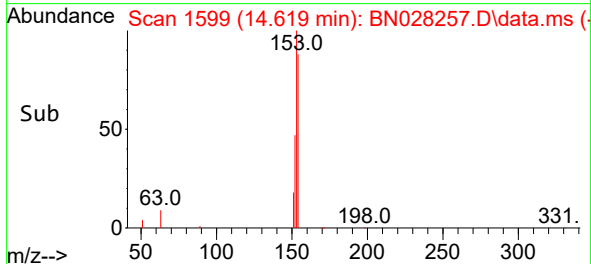
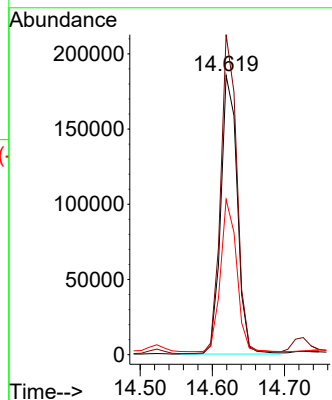
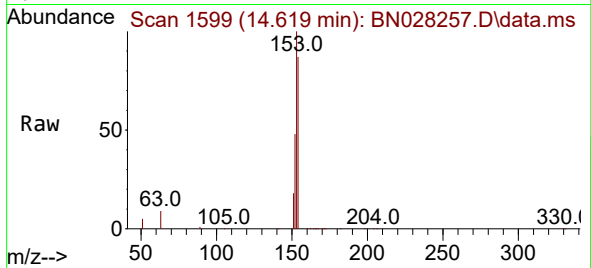




#17  
Acenaphthene  
Concen: 37.454 ng  
RT: 14.619 min Scan# 1599  
Delta R.T. -0.011 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

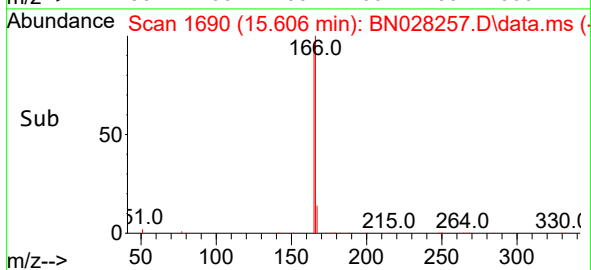
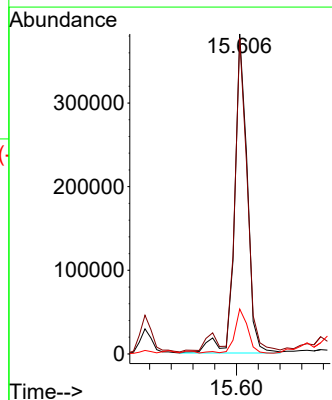
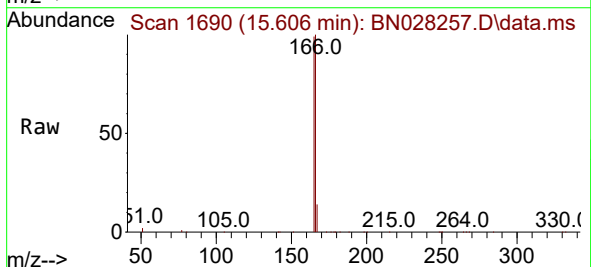
Instrument :  
BNA\_N  
ClientSampleId :  
B-1(0-5)MSD

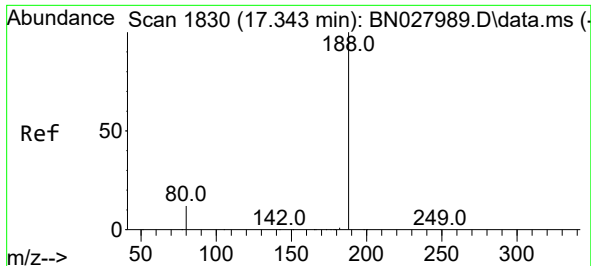
Tgt Ion:154 Resp: 293398  
Ion Ratio Lower Upper  
154 100  
153 113.3 90.8 136.2  
152 53.1 43.9 65.9



#18  
Fluorene  
Concen: 60.201 ng  
RT: 15.606 min Scan# 1690  
Delta R.T. -0.012 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

Tgt Ion:166 Resp: 612482  
Ion Ratio Lower Upper  
166 100  
165 101.4 77.8 116.8  
167 14.2 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.319 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

Instrument :

BNA\_N

ClientSampleId :

B-1(0-5)MSD

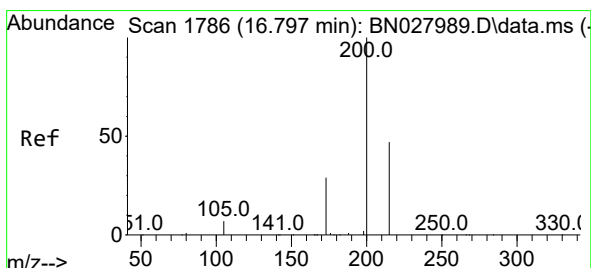
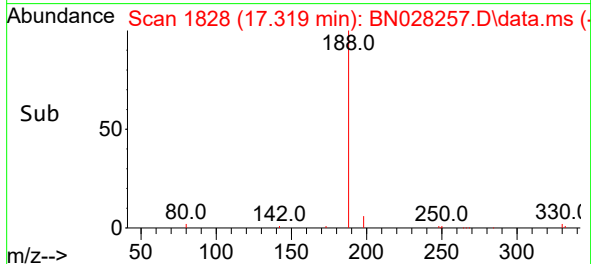
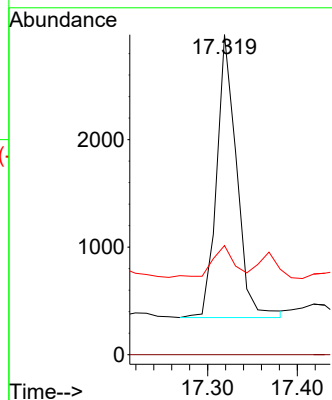
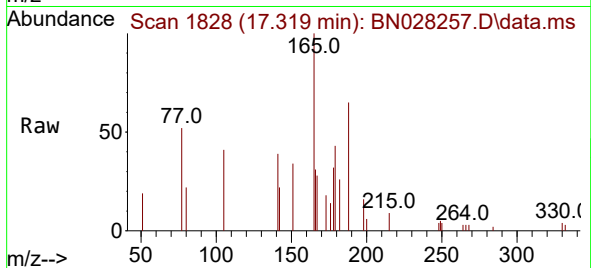
Tgt Ion:188 Resp: 4069

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 34.1 10.2 15.4#



#20

4,6-Dinitro-2-methylphenol

Concen: 11.316 ng

RT: 16.773 min Scan# 1784

Delta R.T. -0.012 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

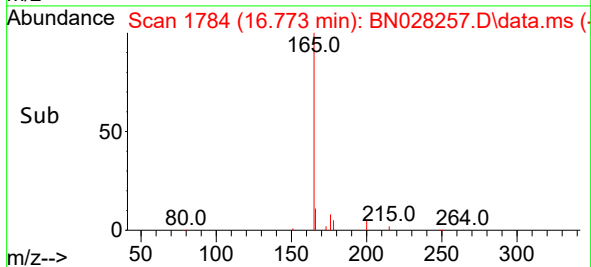
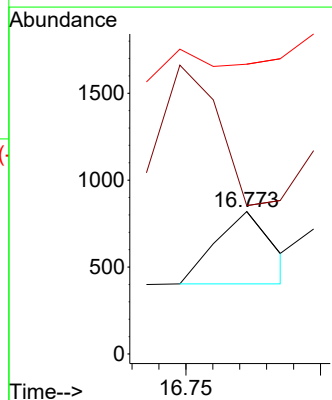
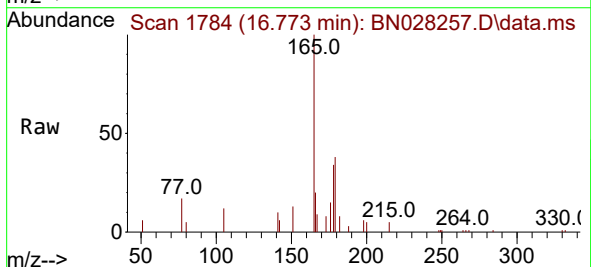
Tgt Ion:198 Resp: 612

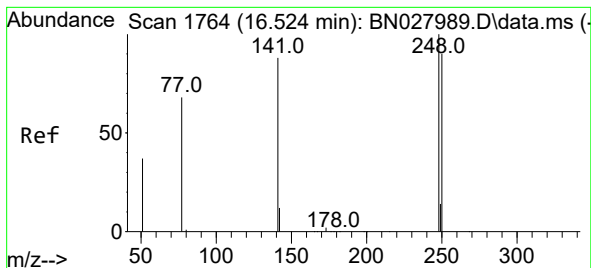
Ion Ratio Lower Upper

198 100

51 104.2 180.7 271.1#

105 203.5 222.2 333.2#

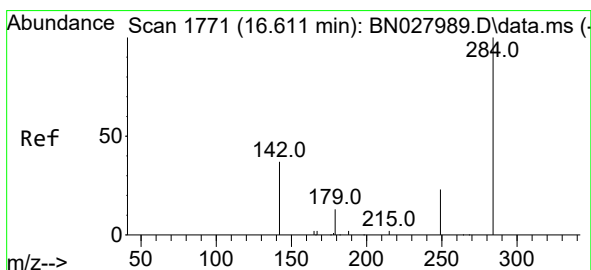
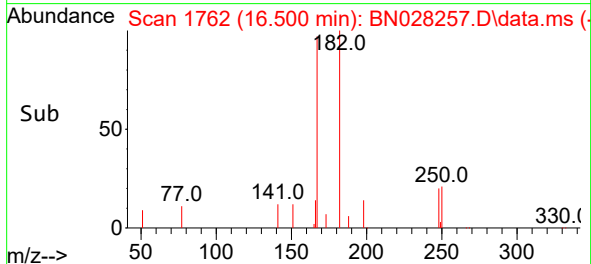
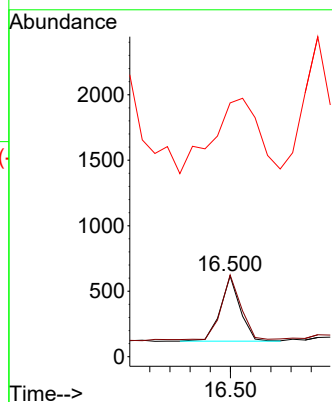
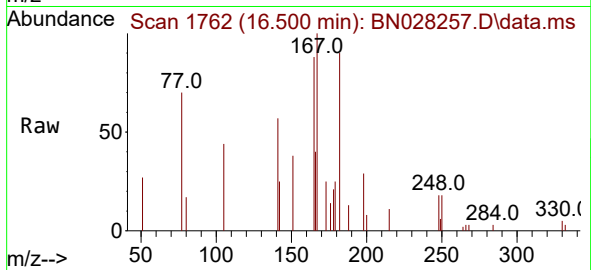




#21  
4-Bromophenyl-phenylether  
Concen: 0.316 ng  
RT: 16.500 min Scan# 1762  
Delta R.T. -0.012 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

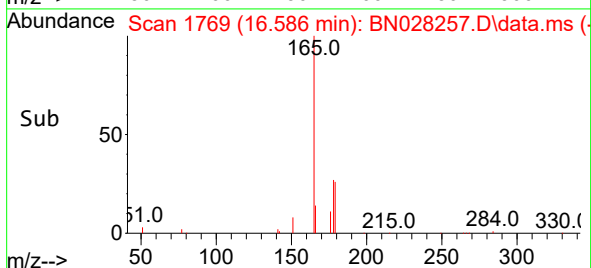
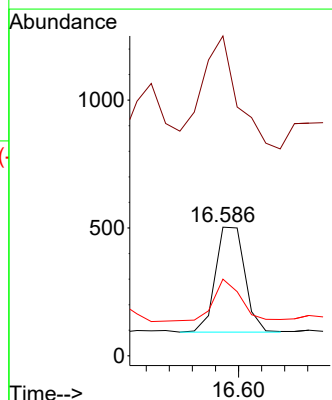
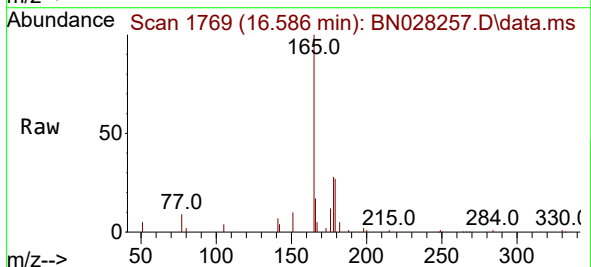
Instrument :  
BNA\_N  
ClientSampleId :  
B-1(0-5)MSD

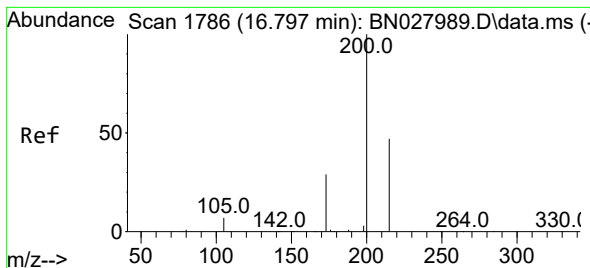
Tgt Ion:248 Resp: 671  
Ion Ratio Lower Upper  
248 100  
250 101.5 72.3 108.5  
141 314.4 71.8 107.6#



#22  
Hexachlorobenzene  
Concen: 0.325 ng  
RT: 16.586 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

Tgt Ion:284 Resp: 724  
Ion Ratio Lower Upper  
284 100  
142 127.9 29.9 44.9#  
249 37.3 25.0 37.4





#23

Atrazine

Concen: 0.378 ng

RT: 16.773 min Scan# 1799

Delta R.T. -0.012 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

Instrument :

BNA\_N

ClientSampleId :

B-1(0-5)MSD

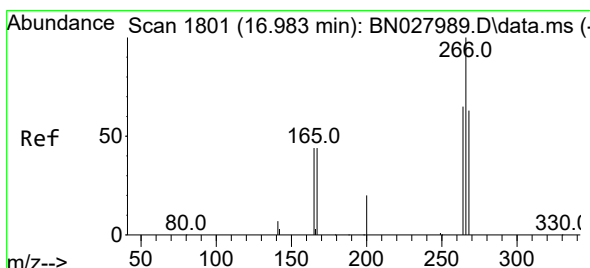
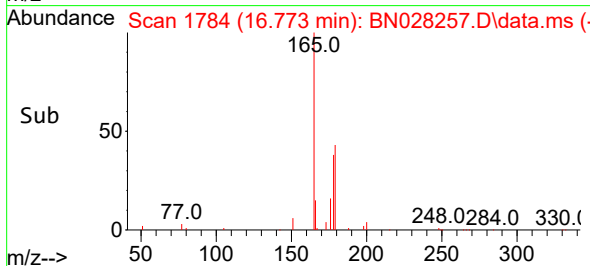
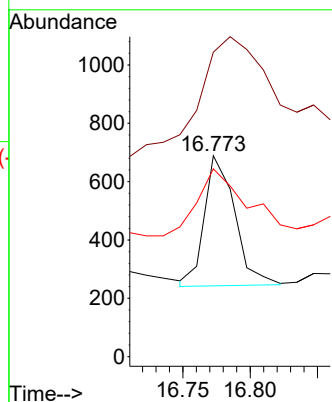
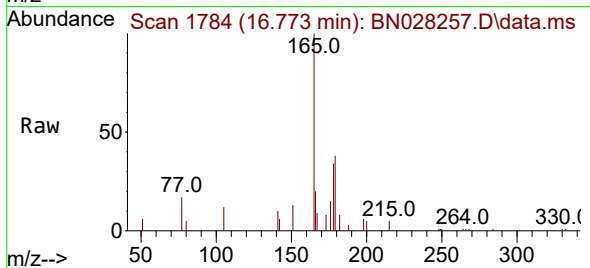
Tgt Ion:200 Resp: 701

Ion Ratio Lower Upper

200 100

173 151.5 24.7 37.1#

215 93.5 39.0 58.6#



#24

Pentachlorophenol

Concen: 2.320 ng

RT: 16.959 min Scan# 1799

Delta R.T. -0.012 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

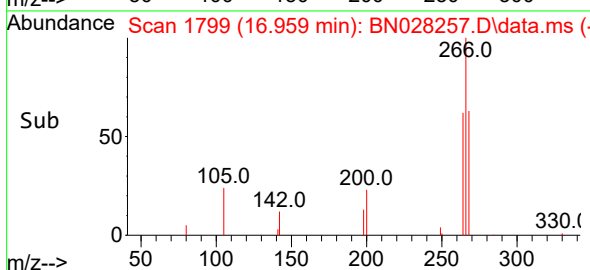
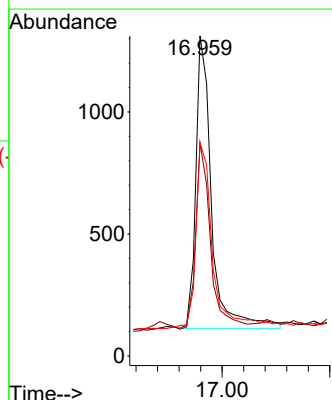
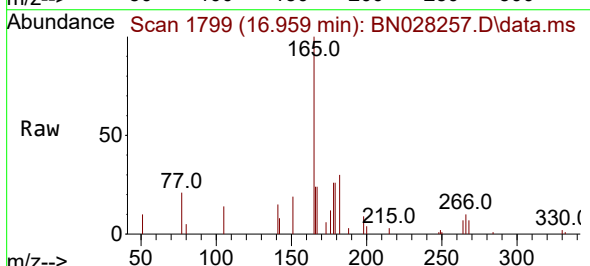
Tgt Ion:266 Resp: 2432

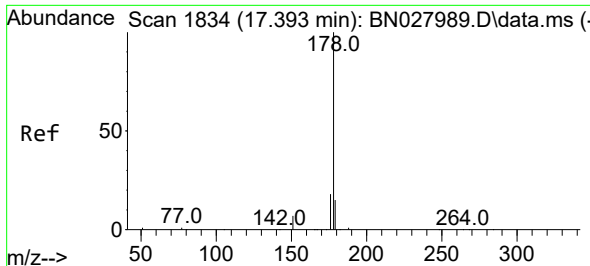
Ion Ratio Lower Upper

266 100

264 60.2 52.7 79.1

268 69.0 56.2 84.2

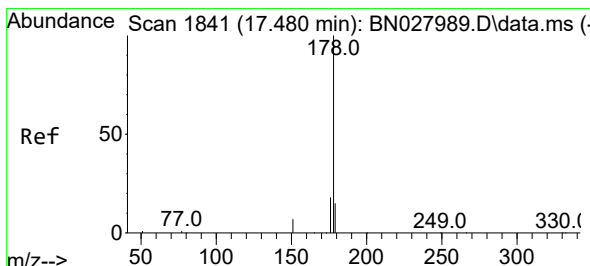
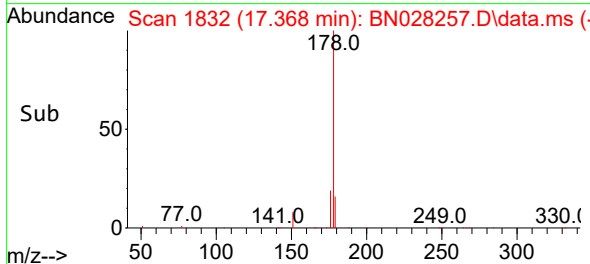
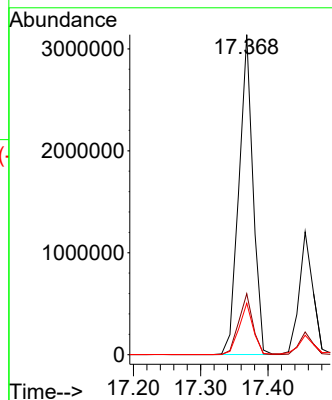
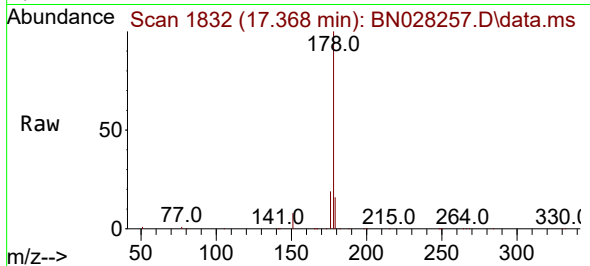




#25  
Phenanthrene  
Concen: 417.345 ng  
RT: 17.368 min Scan# 1832  
Delta R.T. 0.000 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

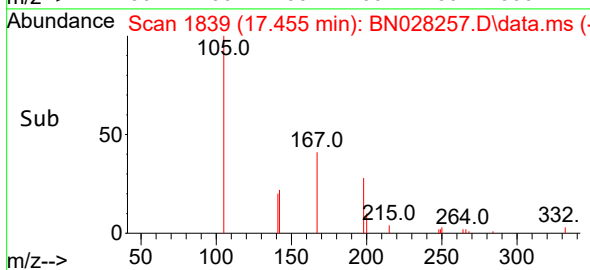
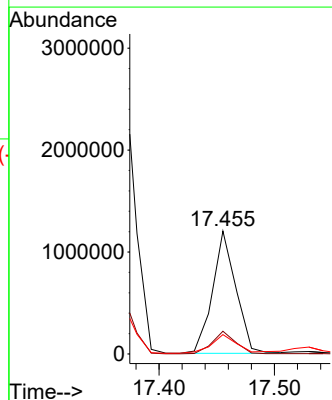
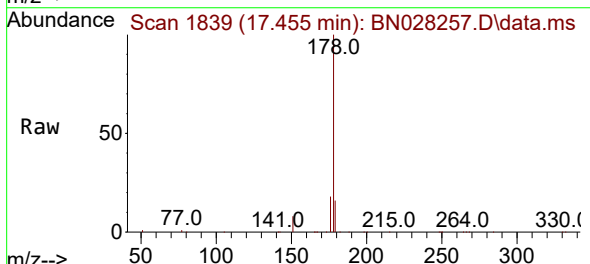
Instrument :  
BNA\_N  
ClientSampleId :  
B-1(0-5)MSD

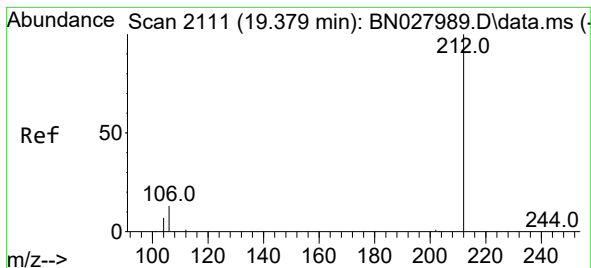
Tgt Ion:178 Resp: 4578243  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.3 22.9  
179 16.1 12.4 18.6



#26  
Anthracene  
Concen: 163.342 ng  
RT: 17.455 min Scan# 1839  
Delta R.T. 0.000 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

Tgt Ion:178 Resp: 1693658  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.7 22.1  
179 17.0 12.2 18.2





#27

Fluoranthene-d10

Concen: 0.134 ng

RT: 19.360 min Scan# 2110

Delta R.T. 0.005 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

Instrument :

BNA\_N

ClientSampleId :

B-1(0-5)MSD

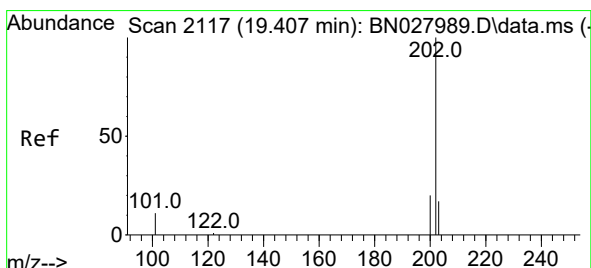
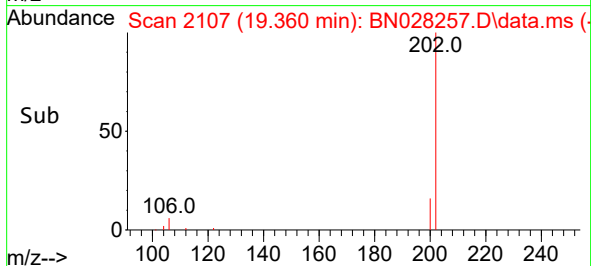
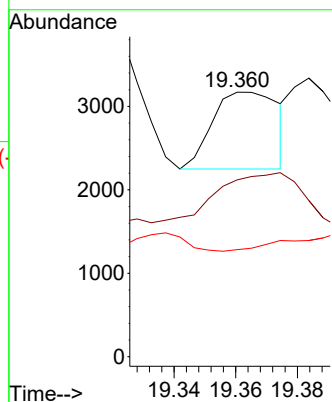
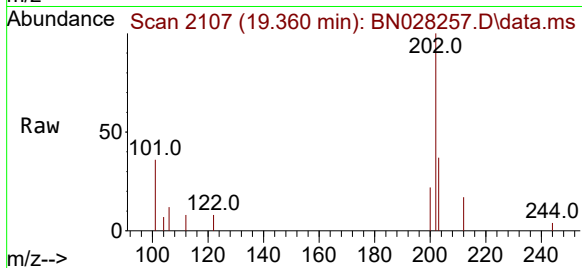
Tgt Ion:212 Resp: 1373

Ion Ratio Lower Upper

212 100

106 107.6 11.3 16.9#

104 0.0 6.4 9.6#



#28

Fluoranthene

Concen: 589.841 ng

RT: 19.398 min Scan# 2115

Delta R.T. 0.014 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

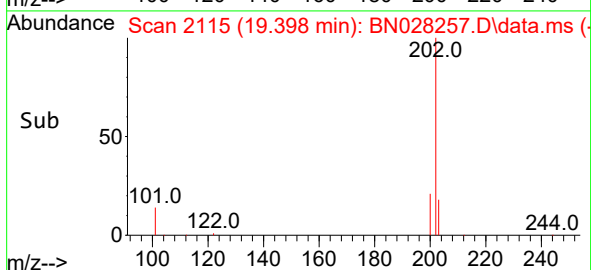
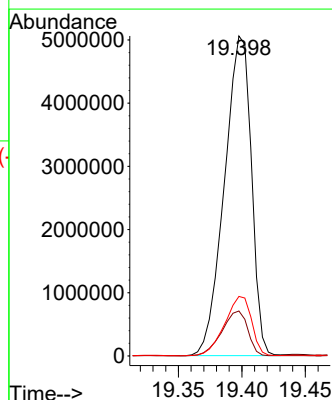
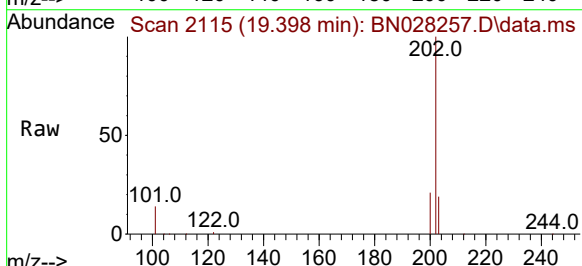
Tgt Ion:202 Resp: 7467468

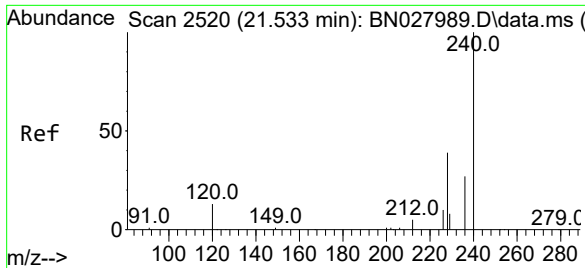
Ion Ratio Lower Upper

202 100

101 13.6 9.8 14.6

203 18.4 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.524 min Scan# 2119

Delta R.T. 0.009 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

Instrument :

BNA\_N

ClientSampleId :

B-1(0-5)MSD

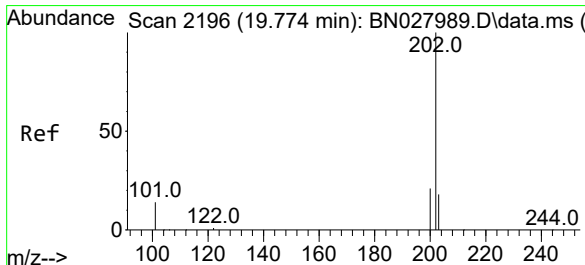
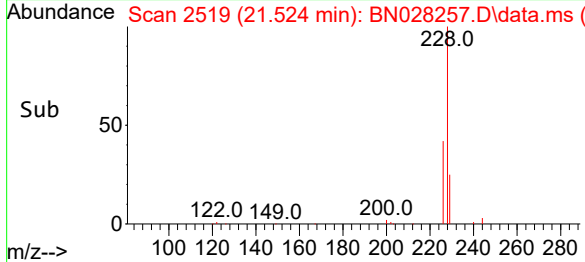
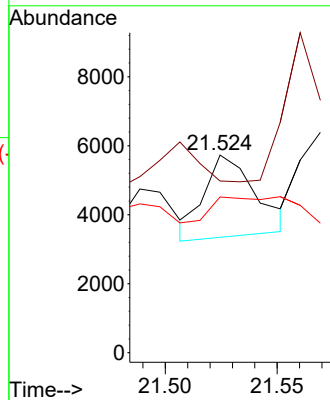
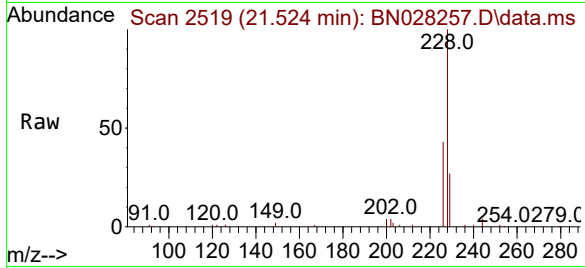
Tgt Ion:240 Resp: 3764

Ion Ratio Lower Upper

240 100

120 86.9 13.8 20.6#

236 78.8 22.6 33.8#



#30

Pyrene

Concen: 497.040 ng

RT: 19.765 min Scan# 2194

Delta R.T. 0.014 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

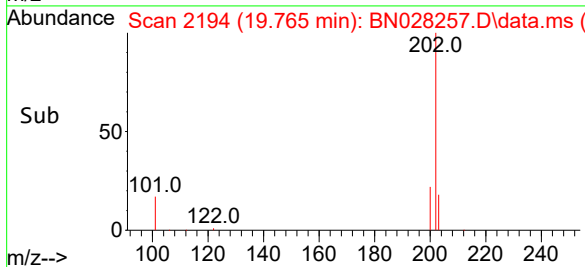
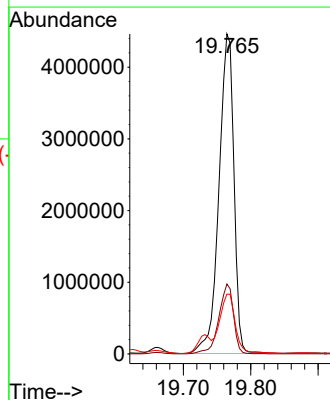
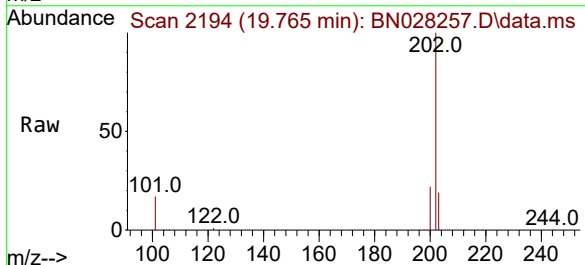
Tgt Ion:202 Resp: 6860258

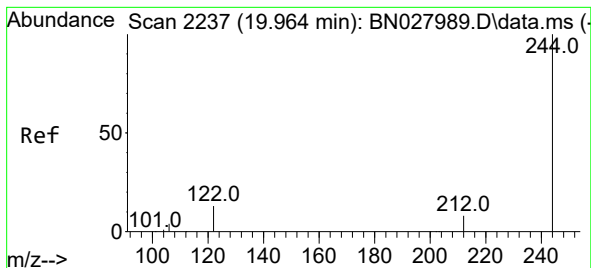
Ion Ratio Lower Upper

202 100

200 21.4 16.5 24.7

203 19.3 14.7 22.1





#31

Terphenyl-d14

Concen: 0.745 ng

RT: 19.932 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN028257.D

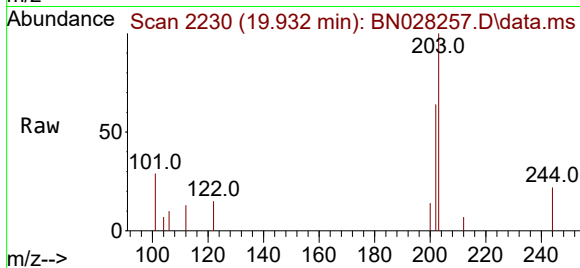
Acq: 12 Oct 2023 06:27

Instrument :

BNA\_N

ClientSampleId :

B-1(0-5)MSD



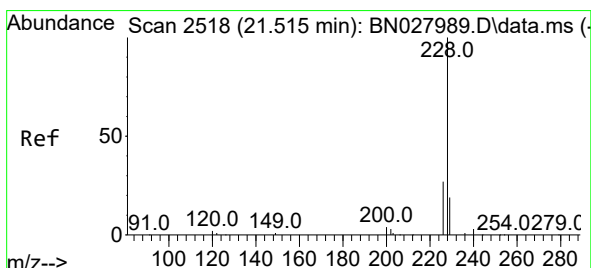
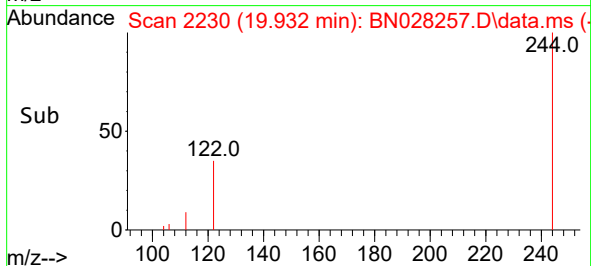
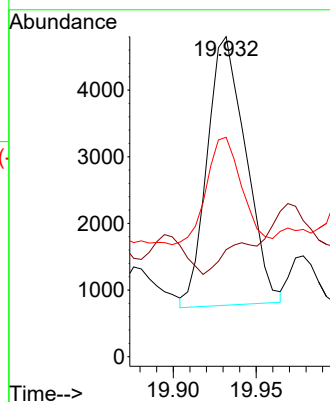
Tgt Ion:244 Resp: 6542

Ion Ratio Lower Upper

244 100

212 33.5 6.6 9.8#

122 68.6 11.4 17.0#



#32

Benzo(a)anthracene

Concen: 290.017 ng

RT: 21.507 min Scan# 2517

Delta R.T. 0.009 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

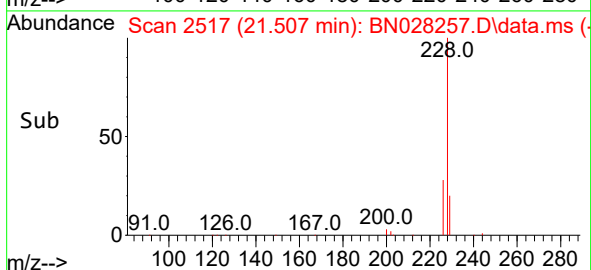
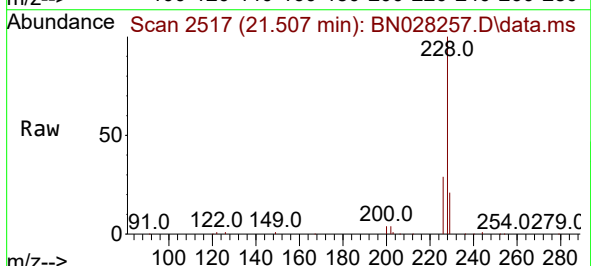
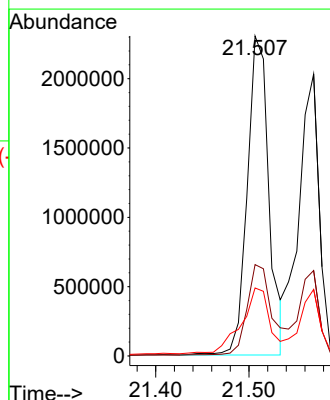
Tgt Ion:228 Resp: 3714594

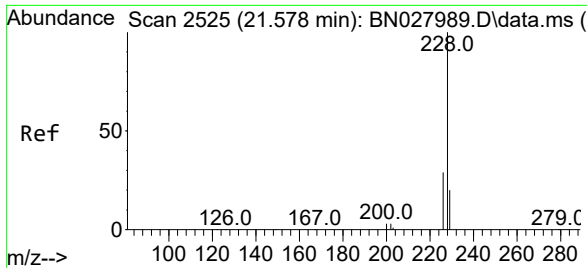
Ion Ratio Lower Upper

228 100

226 28.6 22.0 33.0

229 21.3 16.0 24.0





#33

Chrysene

Concen: 250.571 ng

RT: 21.569 min Scan# 21

Delta R.T. 0.018 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

Instrument :

BNA\_N

ClientSampleId :

B-1(0-5)MSD

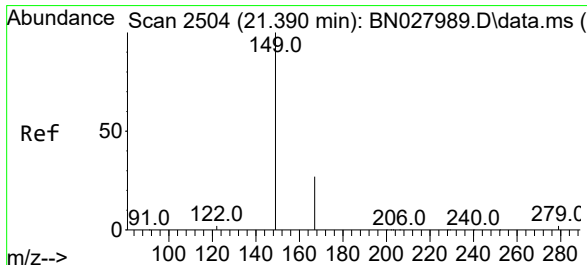
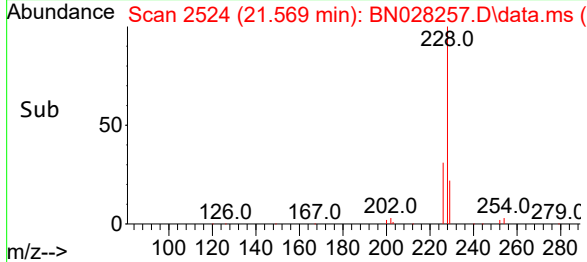
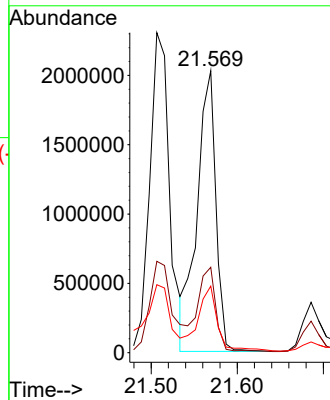
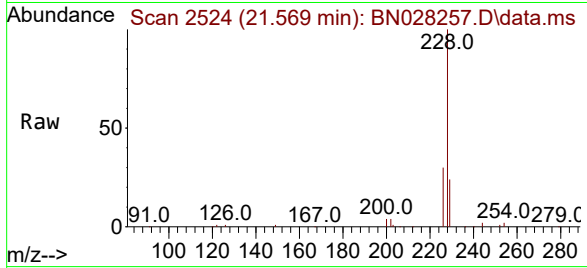
Tgt Ion:228 Resp: 3092885

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

229 23.6 16.6 25.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 1.349 ng

RT: 21.372 min Scan# 2502

Delta R.T. 0.009 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

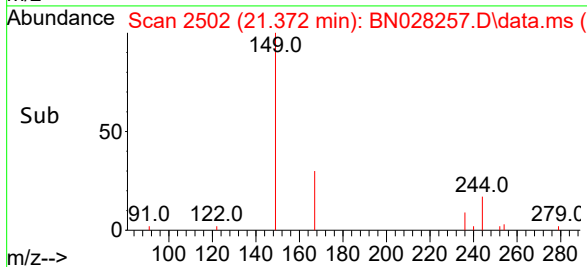
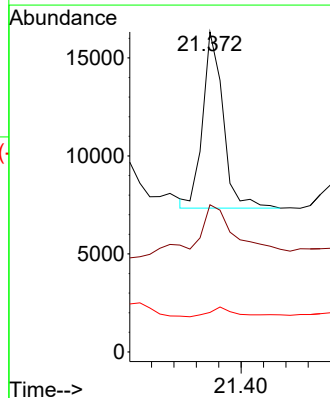
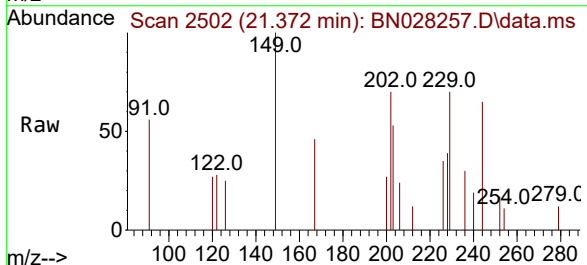
Tgt Ion:149 Resp: 11361

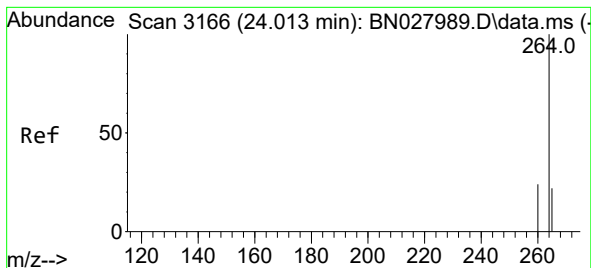
Ion Ratio Lower Upper

149 100

167 63.9 22.1 33.1#

279 7.4 3.4 5.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.005 min Scan# 31

Delta R.T. 0.029 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

Instrument :

BNA\_N

ClientSampleId :

B-1(0-5)MSD

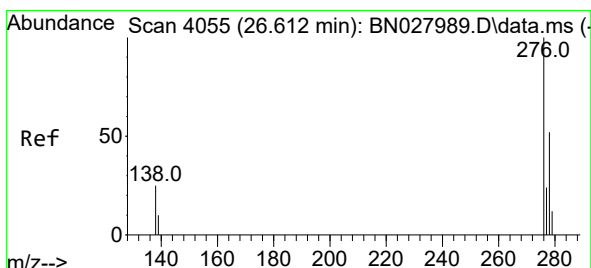
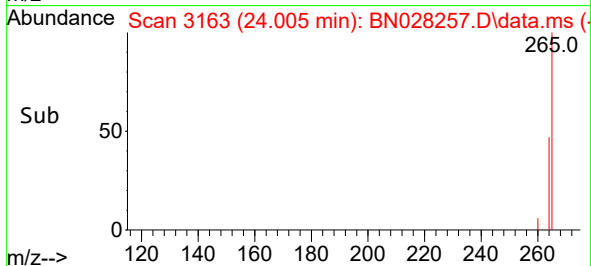
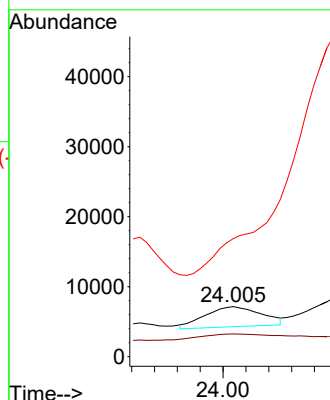
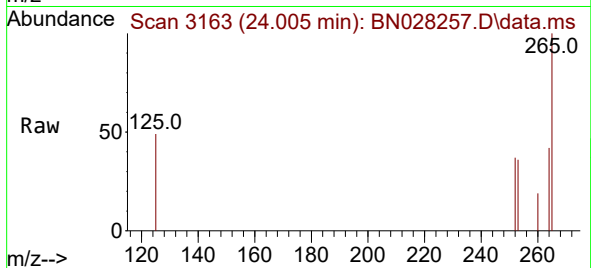
Tgt Ion:264 Resp: 4926

Ion Ratio Lower Upper

264 100

260 45.5 20.2 30.4#

265 236.1 54.8 82.2#



#36

Indeno(1,2,3-cd)pyrene

Concen: 122.063 ng

RT: 26.618 min Scan# 4057

Delta R.T. 0.061 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

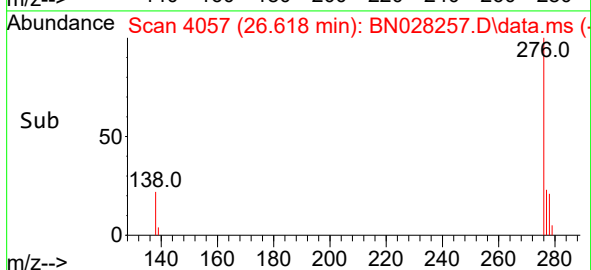
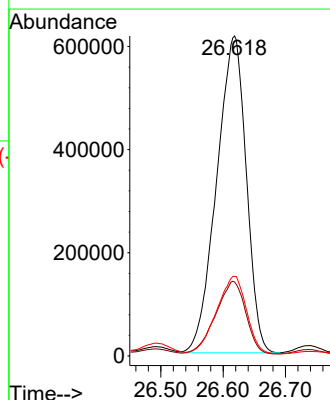
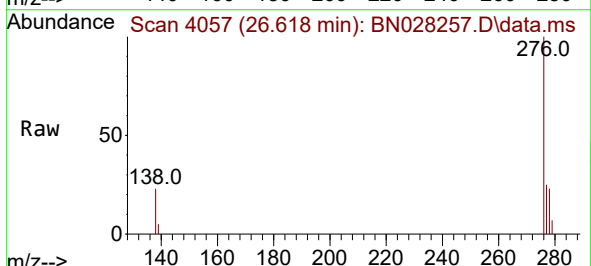
Tgt Ion:276 Resp: 2022509

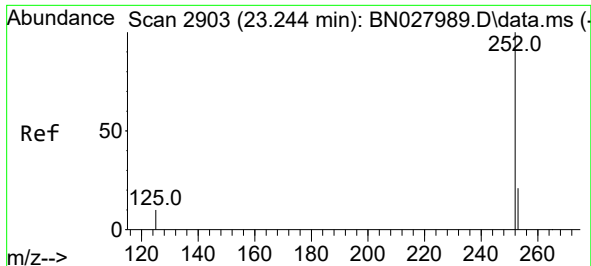
Ion Ratio Lower Upper

276 100

138 23.2 20.9 31.3

277 24.7 19.8 29.6

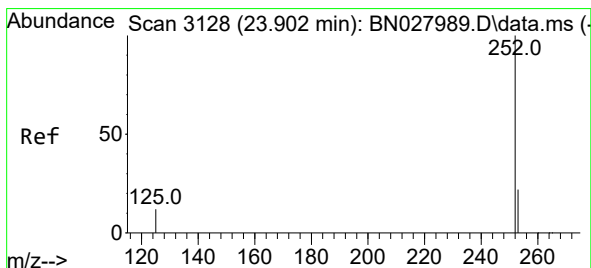
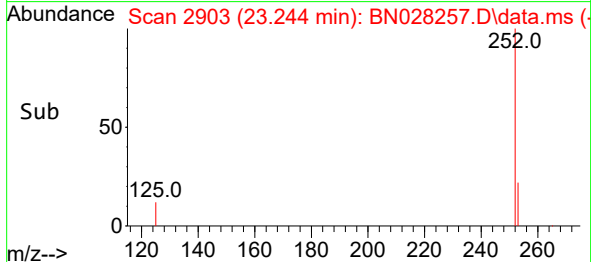
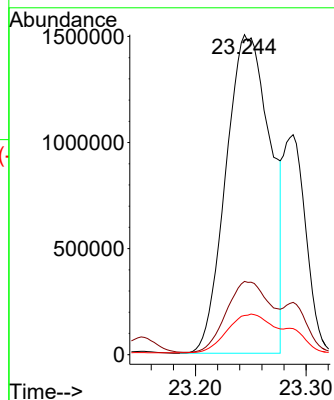
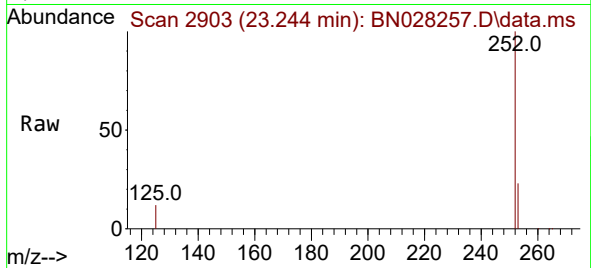




#37  
Benzo(b)fluoranthene  
Concen: 263.350 ng  
RT: 23.244 min Scan# 2903  
Delta R.T. 0.032 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

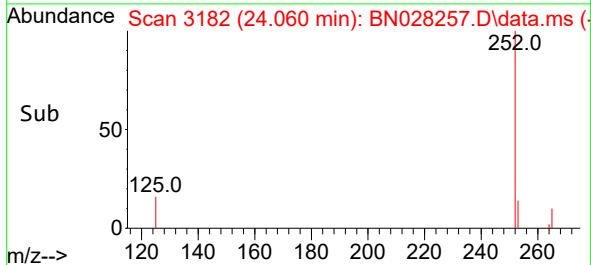
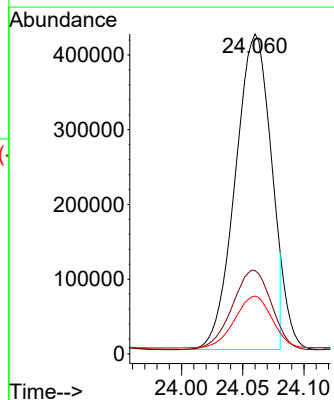
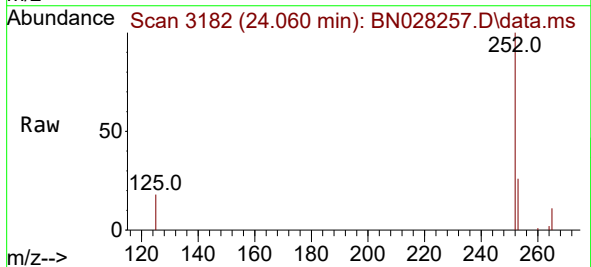
Instrument :  
BNA\_N  
ClientSampleId :  
B-1(0-5)MSD

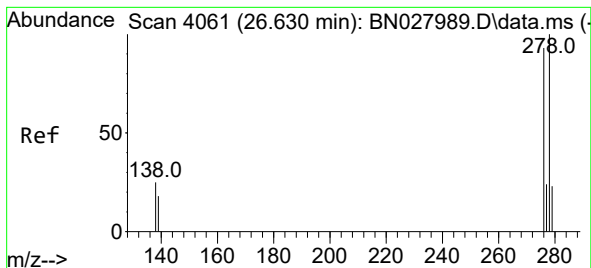
Tgt Ion:252 Resp: 4189706  
Ion Ratio Lower Upper  
252 100  
253 22.9 22.9 34.3  
125 12.2 13.8 20.8#



#39  
Benzo(a)pyrene  
Concen: 56.341 ng  
RT: 24.060 min Scan# 3182  
Delta R.T. 0.196 min  
Lab File: BN028257.D  
Acq: 12 Oct 2023 06:27

Tgt Ion:252 Resp: 847559  
Ion Ratio Lower Upper  
252 100  
253 26.1 25.0 37.4  
125 18.1 16.6 24.8





#40

Dibenzo(a,h)anthracene

Concen: 40.441 ng

RT: 26.621 min Scan# 4061

Delta R.T. 0.044 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

Instrument :

BNA\_N

ClientSampleId :

B-1(0-5)MSD

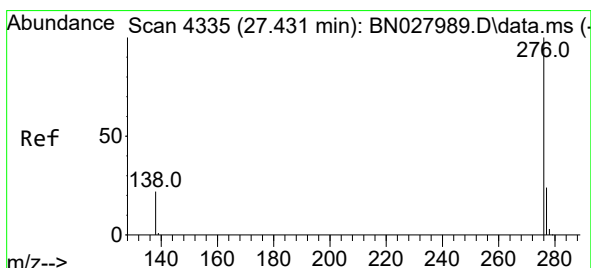
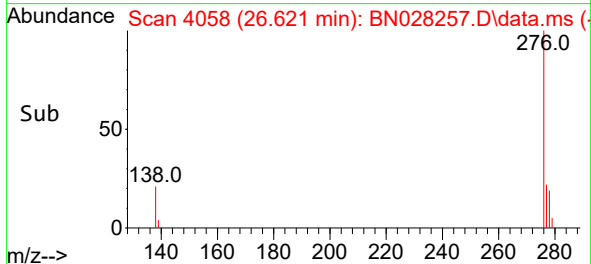
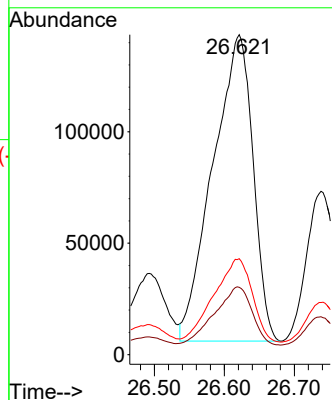
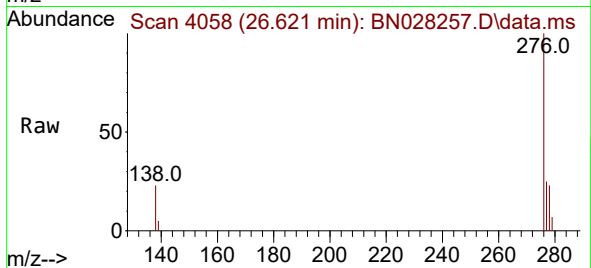
Tgt Ion:278 Resp: 548159

Ion Ratio Lower Upper

278 100

139 21.1 17.7 26.5

279 30.0 25.2 37.8



#41

Benzo(g,h,i)perylene

Concen: 134.304 ng

RT: 27.440 min Scan# 4338

Delta R.T. 0.073 min

Lab File: BN028257.D

Acq: 12 Oct 2023 06:27

Tgt Ion:276 Resp: 1868571

Ion Ratio Lower Upper

276 100

277 25.4 22.1 33.1

138 23.8 20.8 31.2

