

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091123\  
 Data File : BN027575.D  
 Acq On : 11 Sep 2023 13:32  
 Operator : MA/JU  
 Sample : 04254-03MSD  
 Misc :  
 ALS Vial : 86 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW11-MW01I-20230830MSD

Quant Time: Sep 12 01:31:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 11 05:26:09 2023  
 Response via : Initial Calibration

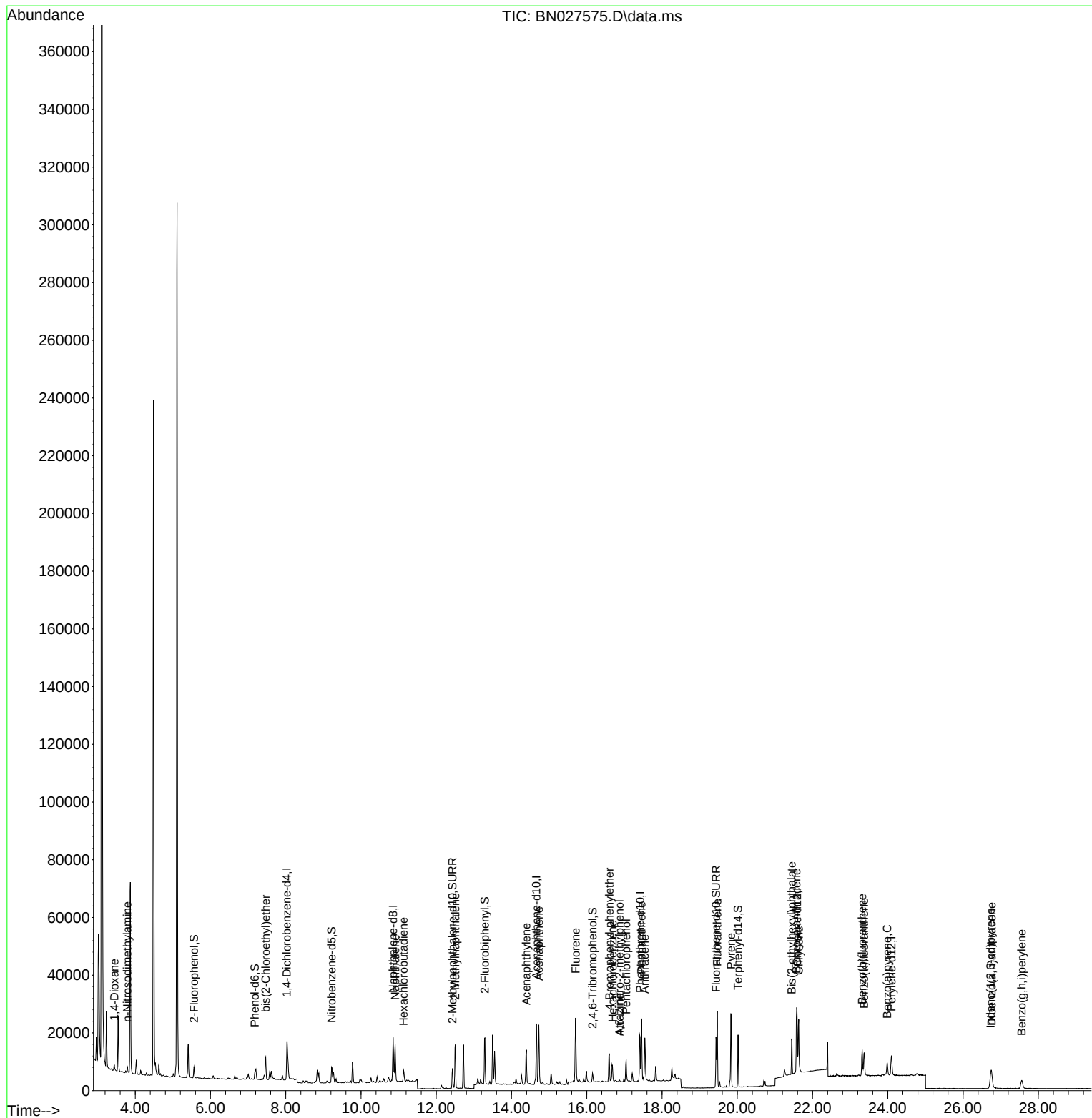
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.030  | 152  | 6540     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.853 | 136  | 20958    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.662 | 164  | 12100    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.418 | 188  | 25095    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.587 | 240  | 15768    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.098 | 264  | 10658    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.560  | 112  | 3072     | 0.180 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.178  | 99   | 2383     | 0.115 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.219  | 82   | 5000     | 0.327 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.430 | 152  | 9707     | 0.315 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.152 | 330  | 1899     | 0.424 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.293 | 172  | 15868    | 0.345 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.435 | 212  | 19254    | 0.309 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.020 | 244  | 17135    | 0.541 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.444  | 88   | 1582     | 0.198 | ng    | # 79     |
| 3) n-Nitrosodimethylamine     | 3.790  | 42   | 1154     | 0.136 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.466  | 93   | 5834     | 0.291 | ng    | # 95     |
| 9) Naphthalene                | 10.906 | 128  | 16210    | 0.284 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.130 | 225  | 2766     | 0.259 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.502 | 142  | 10769    | 0.265 | ng    | 99       |
| 16) Acenaphthylene            | 14.394 | 152  | 14339    | 0.260 | ng    | 100      |
| 17) Acenaphthene              | 14.726 | 154  | 10328    | 0.281 | ng    | 100      |
| 18) Fluorene                  | 15.705 | 166  | 14186    | 0.289 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 16.872 | 198  | 21       | 0.059 | ng    | # 72     |
| 21) 4-Bromophenyl-phenylether | 16.599 | 248  | 4294     | 0.325 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.685 | 284  | 4875     | 0.310 | ng    | 97       |
| 23) Atrazine                  | 16.872 | 200  | 492      | 0.050 | ng    | # 83     |
| 24) Pentachlorophenol         | 17.045 | 266  | 4199     | 0.695 | ng    | 99       |
| 25) Phenanthrene              | 17.455 | 178  | 22751    | 0.308 | ng    | 99       |
| 26) Anthracene                | 17.542 | 178  | 18050    | 0.288 | ng    | 100      |
| 28) Fluoranthene              | 19.467 | 202  | 23979    | 0.276 | ng    | 99       |
| 30) Pyrene                    | 19.834 | 202  | 23583    | 0.376 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.569 | 228  | 17275    | 0.320 | ng    | 98       |
| 33) Chrysene                  | 21.632 | 228  | 17116    | 0.288 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.444 | 149  | 12754    | 0.489 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.735 | 276  | 9584     | 0.221 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.317 | 252  | 12783    | 0.310 | ng    | # 90     |
| 38) Benzo(k)fluoranthene      | 23.370 | 252  | 12273    | 0.289 | ng    | # 89     |
| 39) Benzo(a)pyrene            | 23.984 | 252  | 7595     | 0.197 | ng    | # 75     |
| 40) Dibenzo(a,h)anthracene    | 26.755 | 278  | 8481     | 0.250 | ng    | 91       |
| 41) Benzo(g,h,i)perylene      | 27.559 | 276  | 7417     | 0.189 | ng    | 95       |
| -----                         |        |      |          |       |       |          |

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

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Sample : 04254-03MSD  
Misc :  
ALS Vial : 86 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830MSD

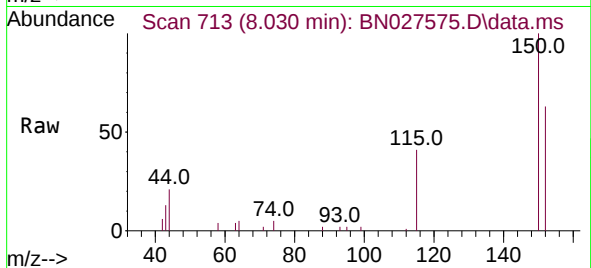
Quant Time: Sep 12 01:31:56 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 11 05:26:09 2023  
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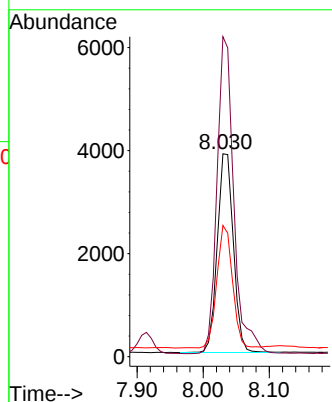
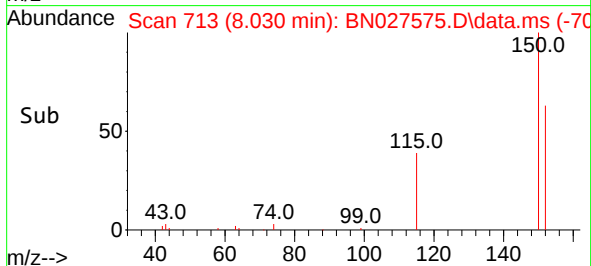


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.030 min Scan# 71  
 Delta R.T. -0.007 min  
 Lab File: BN027575.D  
 Acq: 11 Sep 2023 13:32

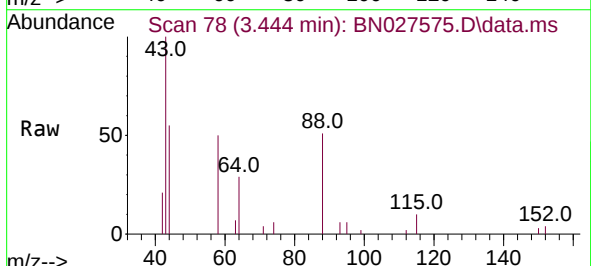
Instrument :  
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 ClientSampleId :  
 RW11-MW01I-20230830MSD



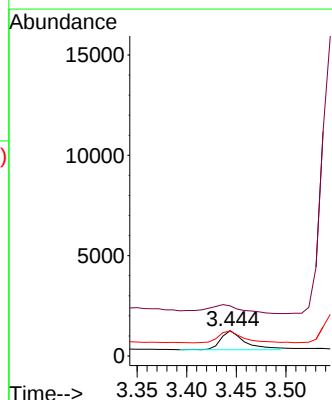
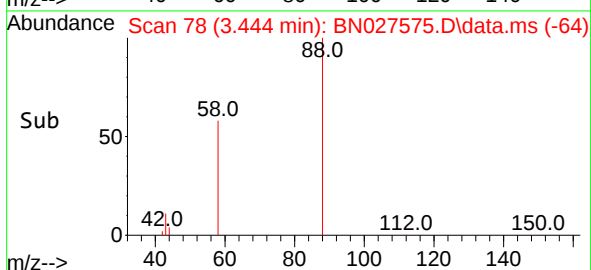
Tgt Ion:152 Resp: 6540  
 Ion Ratio Lower Upper  
 152 100  
 150 157.7 122.7 184.1  
 115 64.7 48.6 73.0



#2  
 1,4-Dioxane  
 Concen: 0.198 ng  
 RT: 3.444 min Scan# 78  
 Delta R.T. -0.000 min  
 Lab File: BN027575.D  
 Acq: 11 Sep 2023 13:32



Tgt Ion: 88 Resp: 1582  
 Ion Ratio Lower Upper  
 88 100  
 43 61.1 19.1 28.7#  
 58 64.1 52.2 78.2

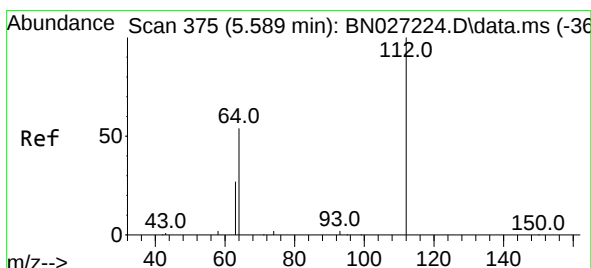
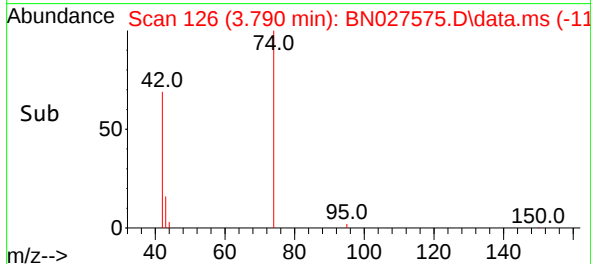
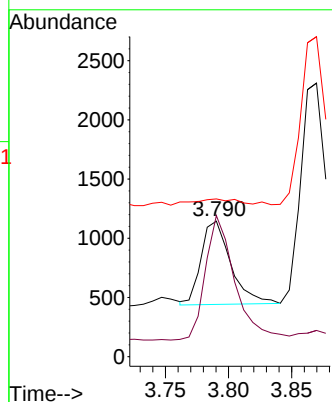
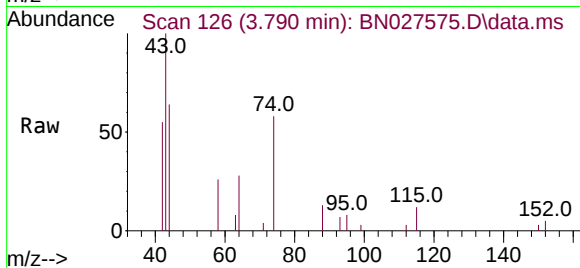




#3  
n-Nitrosodimethylamine  
Concen: 0.136 ng  
RT: 3.790 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

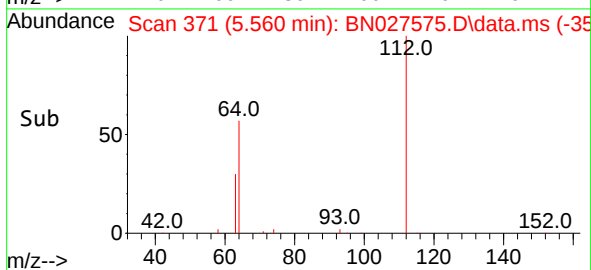
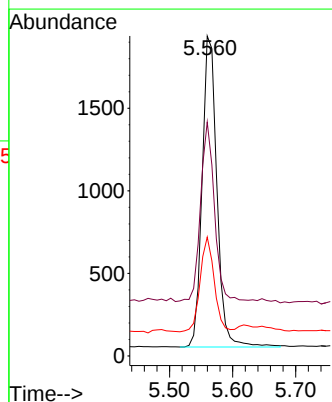
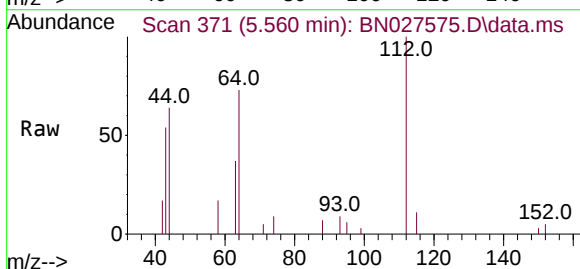
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830MSD

Tgt Ion: 42 Resp: 1154  
Ion Ratio Lower Upper  
42 100  
74 148.9 113.8 170.8  
44 12.5 7.3 10.9#



#4  
2-Fluorophenol  
Concen: 0.180 ng  
RT: 5.560 min Scan# 371  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

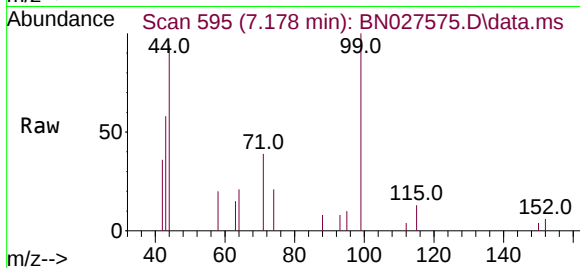
Tgt Ion: 112 Resp: 3072  
Ion Ratio Lower Upper  
112 100  
64 53.4 44.4 66.6  
63 29.0 23.1 34.7



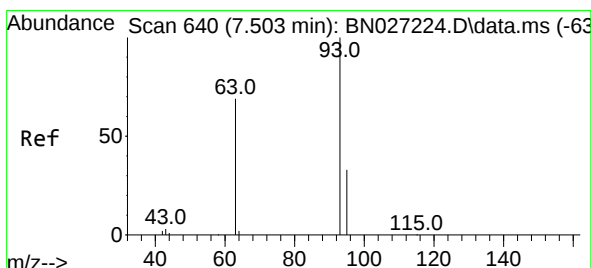
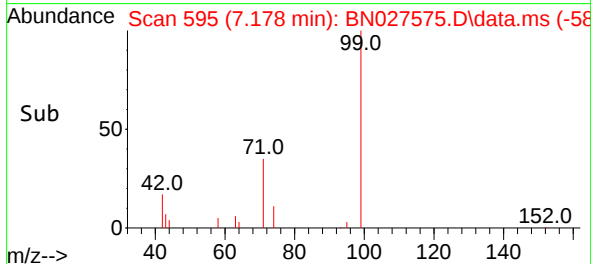
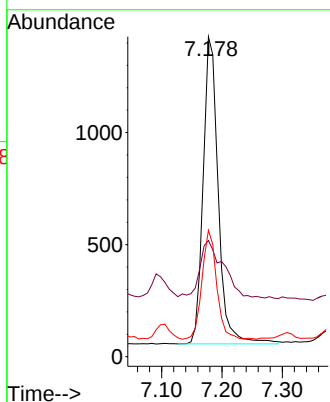


#5  
Phenol-d6  
Concen: 0.115 ng  
RT: 7.178 min Scan# 599  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830MSD

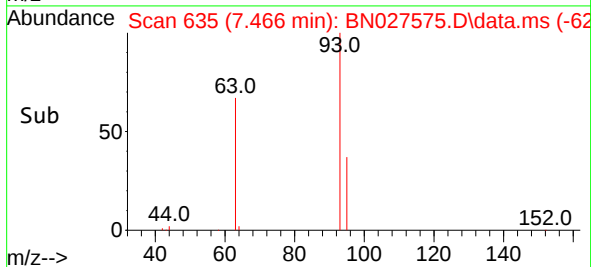
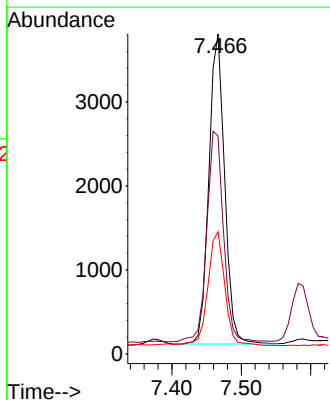
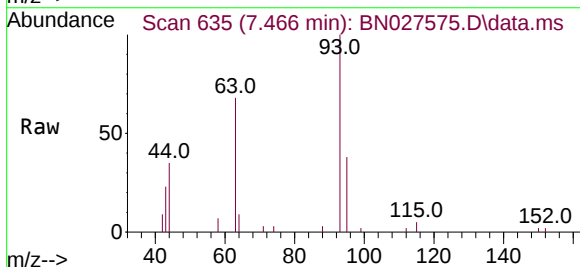


Tgt Ion: 99 Resp: 2383  
Ion Ratio Lower Upper  
99 100  
42 29.7 14.5 21.7#  
71 34.3 25.8 38.6



#6  
bis(2-Chloroethyl)ether  
Concen: 0.291 ng  
RT: 7.466 min Scan# 635  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

Tgt Ion: 93 Resp: 5834  
Ion Ratio Lower Upper  
93 100  
63 71.4 58.5 87.7  
95 39.3 26.1 39.1#

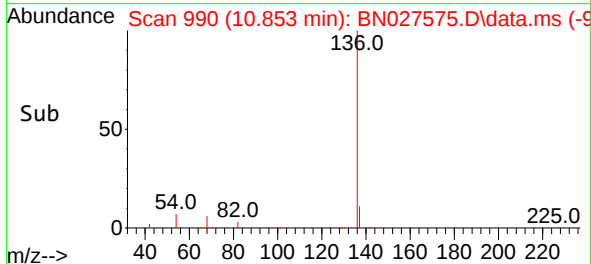
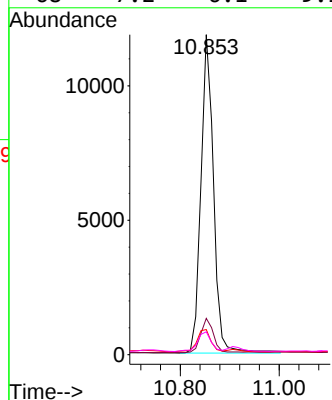
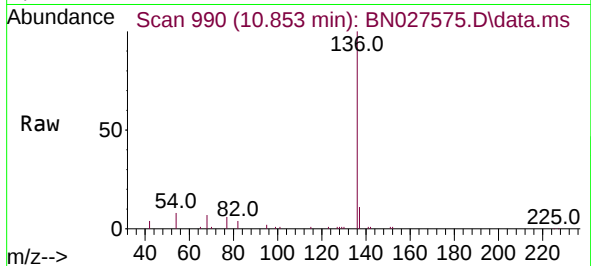




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.853 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

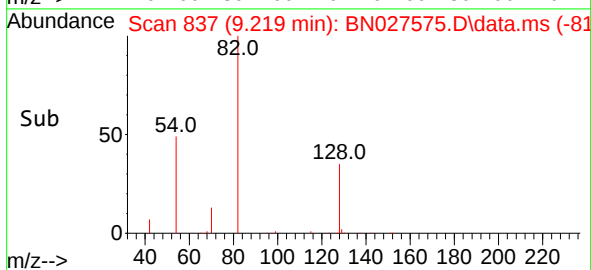
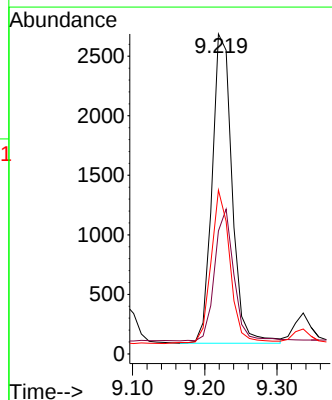
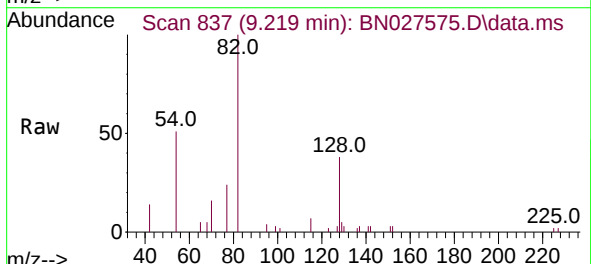
Instrument :  
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ClientSampleId :  
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 20958 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.4  | 9.3   | 13.9  |
| 54        | 7.9   | 6.7   | 10.1  |
| 68        | 7.2   | 6.1   | 9.1   |



#8  
Nitrobenzene-d5  
Concen: 0.327 ng  
RT: 9.219 min Scan# 837  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 5000 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 38.4  | 33.4  | 50.0 |
| 54        | 51.2  | 37.7  | 56.5 |

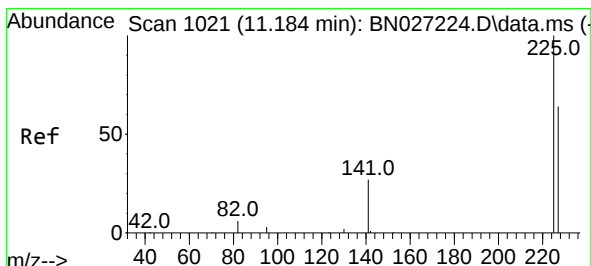
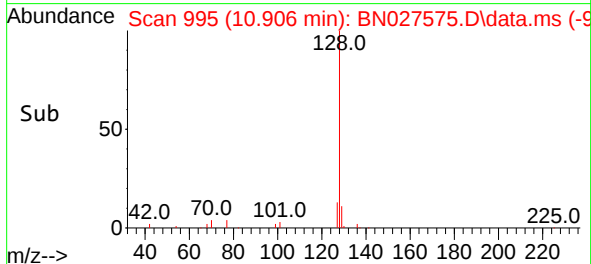
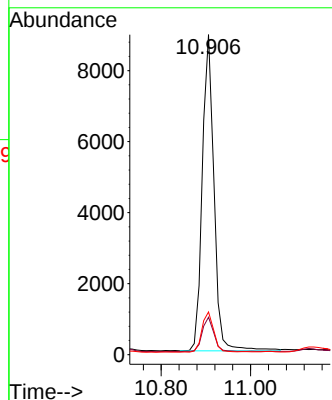
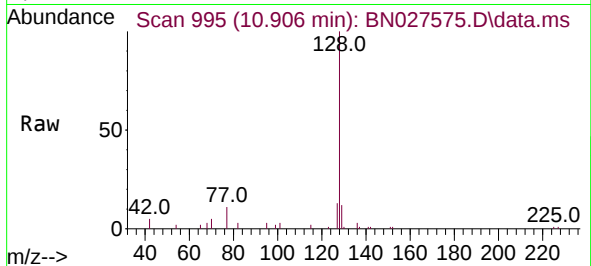




#9  
Naphthalene  
Concen: 0.284 ng  
RT: 10.906 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

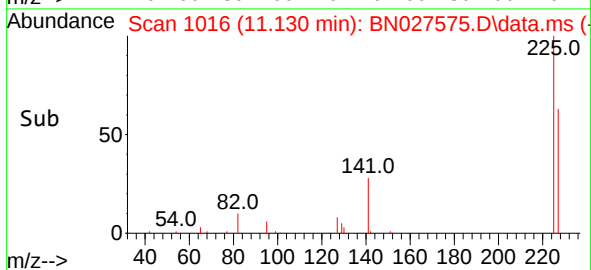
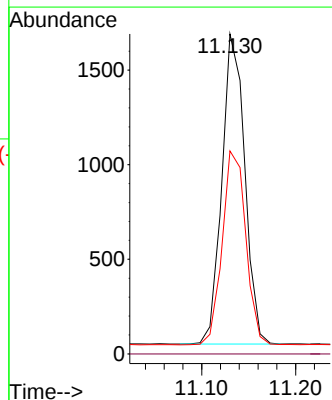
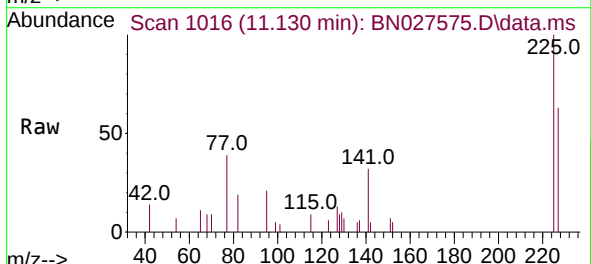
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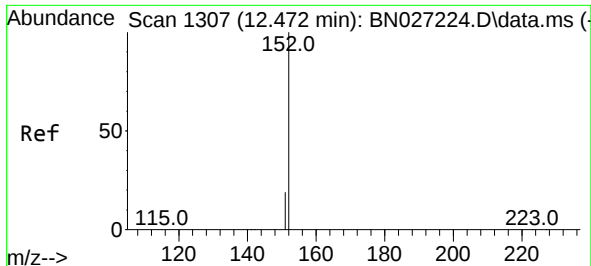
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Ion Ratio Lower Upper  
128 100  
129 11.7 9.4 14.0  
127 13.4 10.6 15.8



#10  
Hexachlorobutadiene  
Concen: 0.259 ng  
RT: 11.130 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

Tgt Ion:225 Resp: 2766  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.6 50.6 75.8

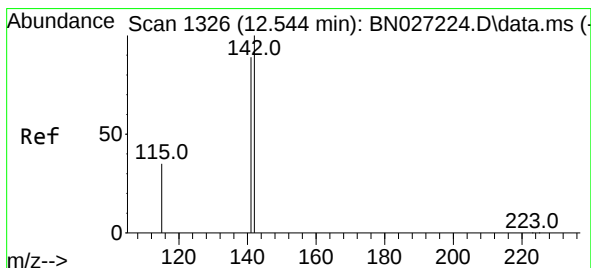
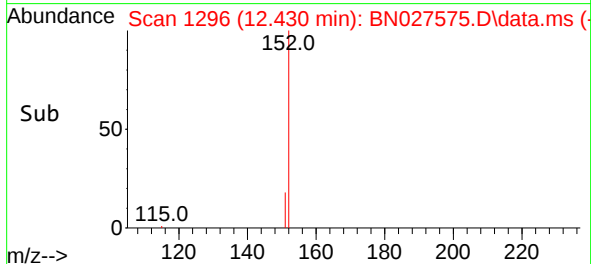
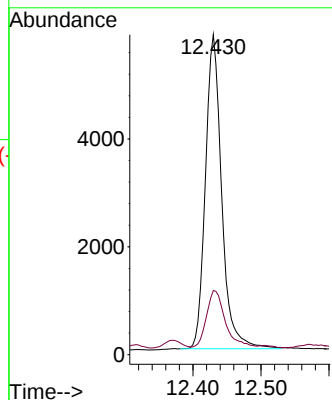
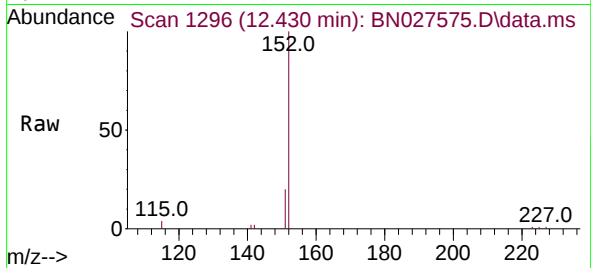




#11  
2-Methylnaphthalene-d10  
Concen: 0.315 ng  
RT: 12.430 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
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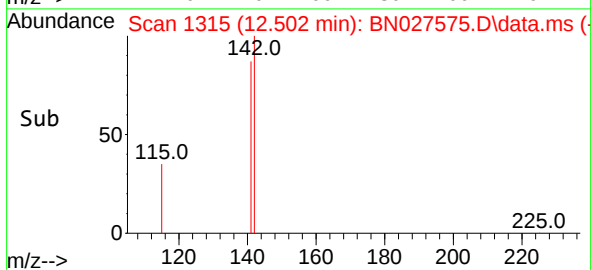
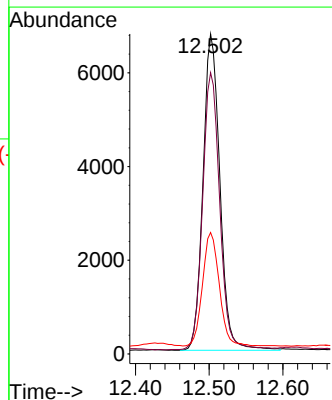
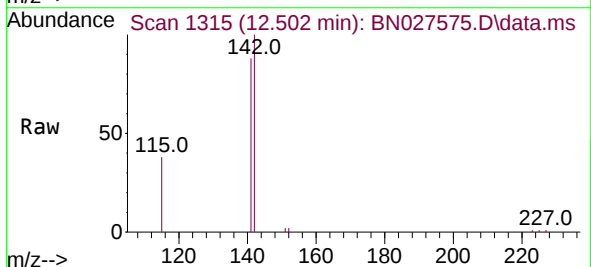
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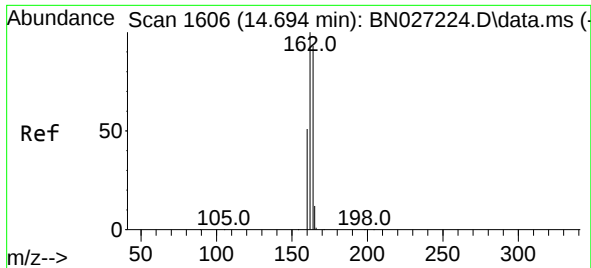
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Ion Ratio Lower Upper  
152 100  
151 20.4 16.6 25.0



#12  
2-Methylnaphthalene  
Concen: 0.265 ng  
RT: 12.502 min Scan# 1315  
Delta R.T. -0.004 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

Tgt Ion:142 Resp: 10769  
Ion Ratio Lower Upper  
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115 37.9 29.6 44.4

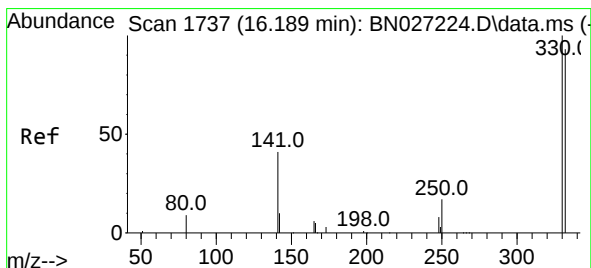
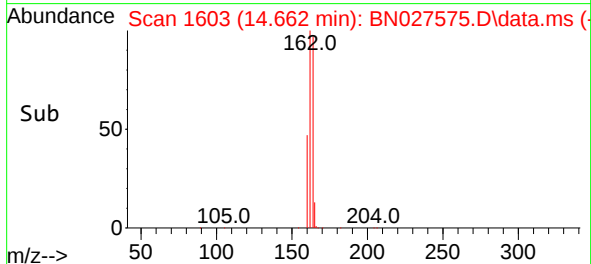
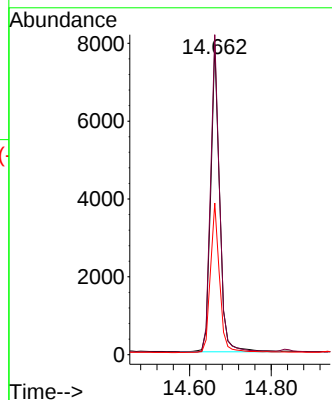
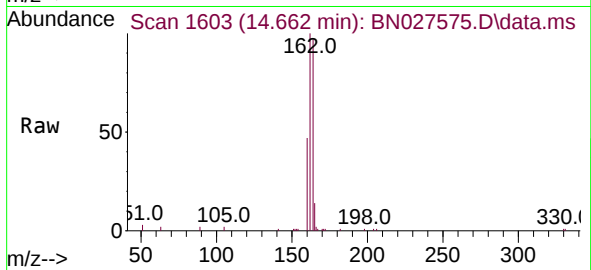




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.662 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

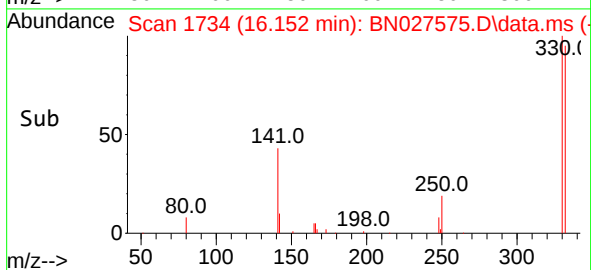
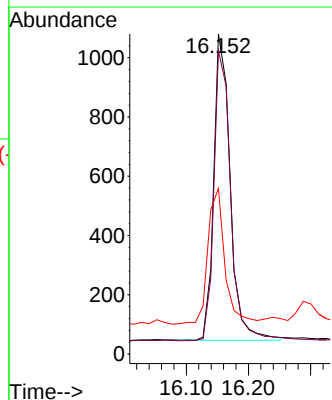
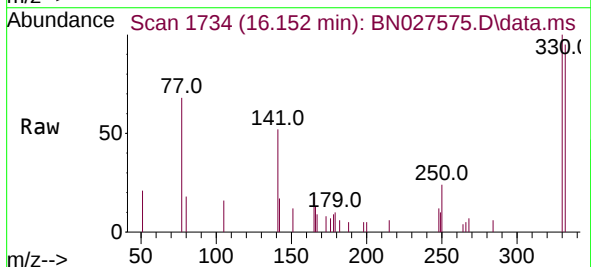
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830MSD

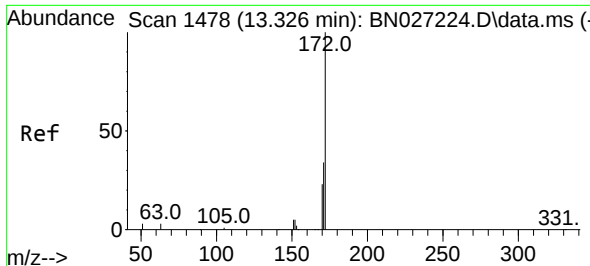
Tgt Ion:164 Resp: 12100  
Ion Ratio Lower Upper  
164 100  
162 102.9 85.8 128.8  
160 48.8 44.2 66.2



#14  
2,4,6-Tribromophenol  
Concen: 0.424 ng  
RT: 16.152 min Scan# 1734  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

Tgt Ion:330 Resp: 1899  
Ion Ratio Lower Upper  
330 100  
332 96.6 75.2 112.8  
141 45.9 36.2 54.4

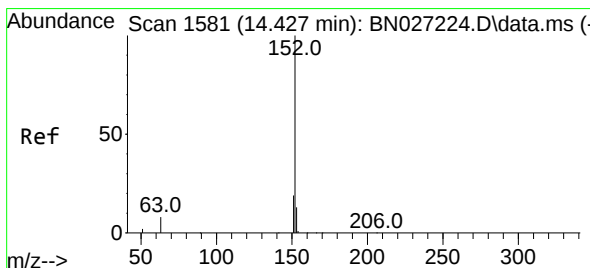
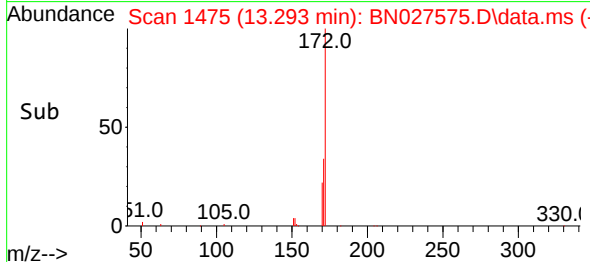
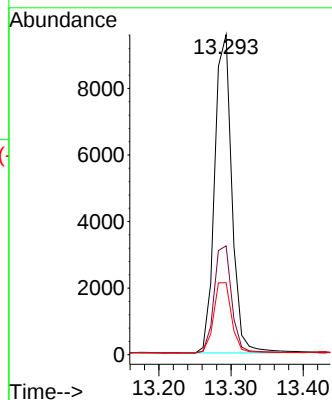
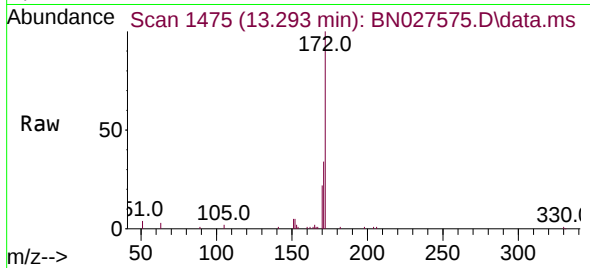




#15  
2-Fluorobiphenyl  
Concen: 0.345 ng  
RT: 13.293 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

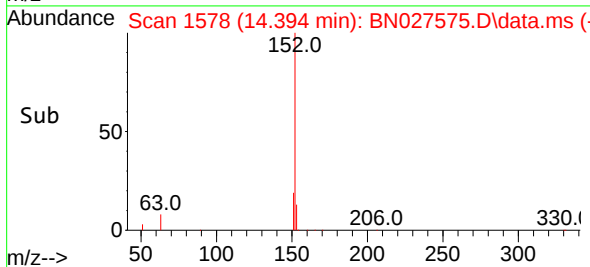
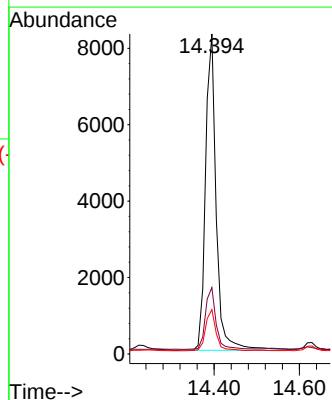
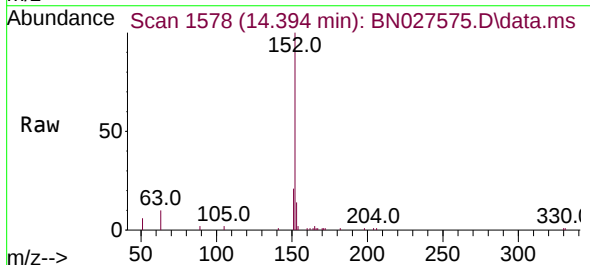
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830MSD

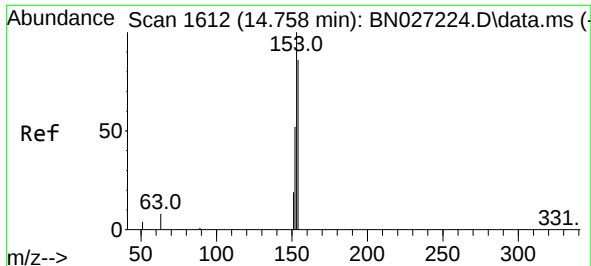
Tgt Ion:172 Resp: 15868  
Ion Ratio Lower Upper  
172 100  
171 34.0 27.8 41.8  
170 22.5 19.3 28.9



#16  
Acenaphthylene  
Concen: 0.260 ng  
RT: 14.394 min Scan# 1578  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

Tgt Ion:152 Resp: 14339  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.5 23.3  
153 12.9 10.3 15.5

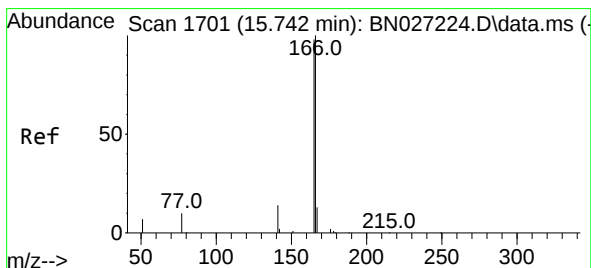
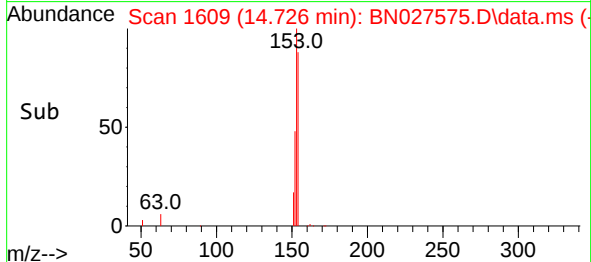
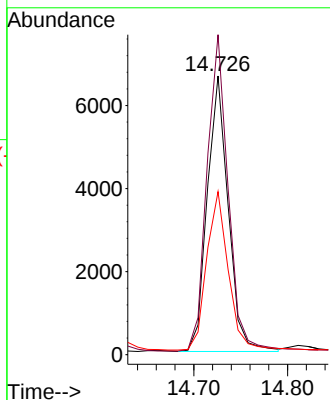
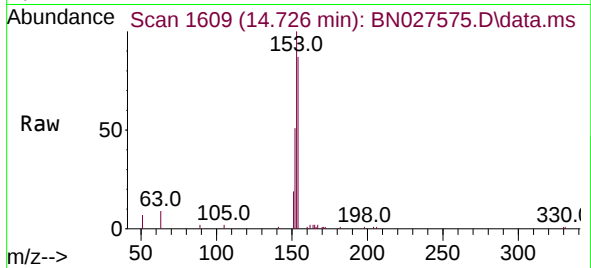




#17  
Acenaphthene  
Concen: 0.281 ng  
RT: 14.726 min Scan# 1609  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

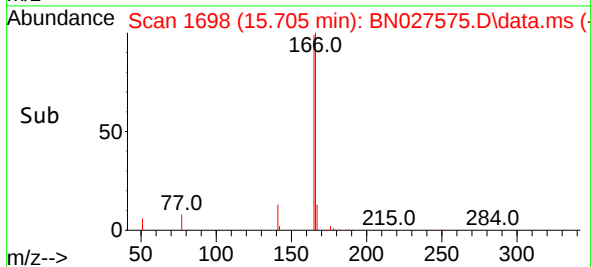
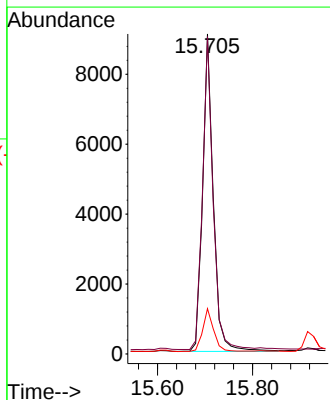
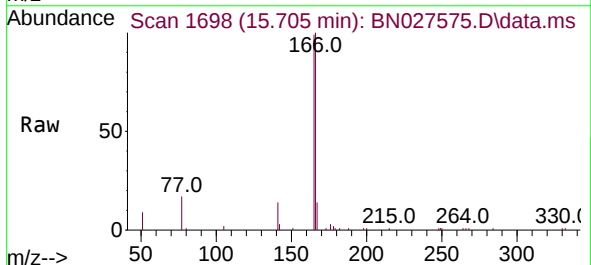
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830MSD

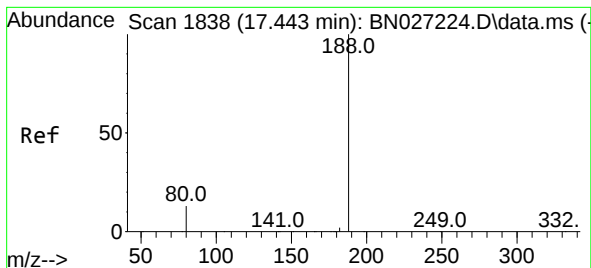
Tgt Ion:154 Resp: 10328  
Ion Ratio Lower Upper  
154 100  
153 116.5 93.1 139.7  
152 60.1 48.6 73.0



#18  
Fluorene  
Concen: 0.289 ng  
RT: 15.705 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

Tgt Ion:166 Resp: 14186  
Ion Ratio Lower Upper  
166 100  
165 98.0 79.0 118.4  
167 14.0 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.418 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BN027575.D

Acq: 11 Sep 2023 13:32

Instrument :

BNA\_N

ClientSampleId :

RW11-MW01I-20230830MSD

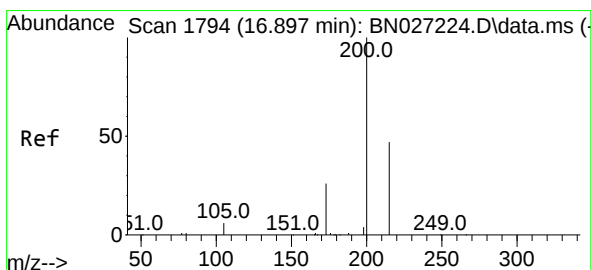
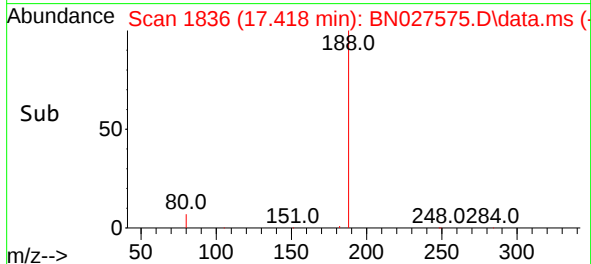
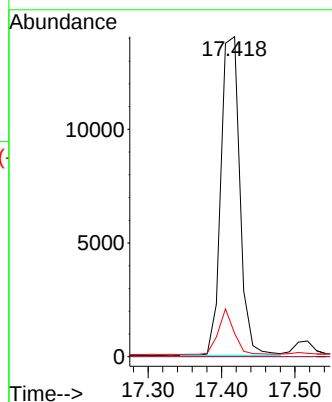
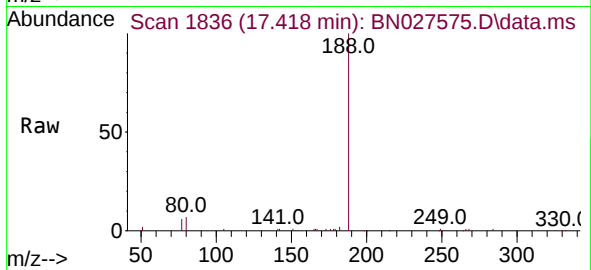
Tgt Ion:188 Resp: 25095

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.3 11.0 16.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.059 ng

RT: 16.872 min Scan# 1792

Delta R.T. 0.012 min

Lab File: BN027575.D

Acq: 11 Sep 2023 13:32

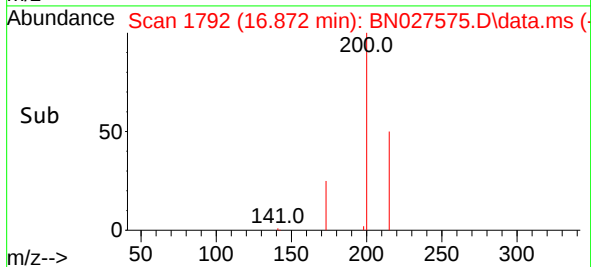
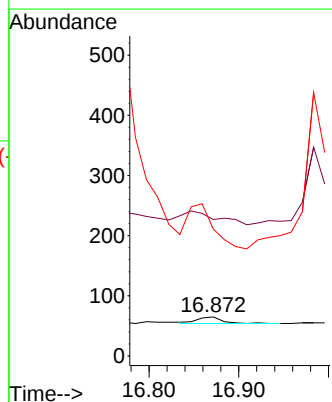
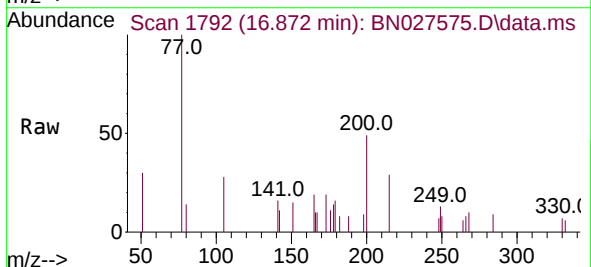
Tgt Ion:198 Resp: 21

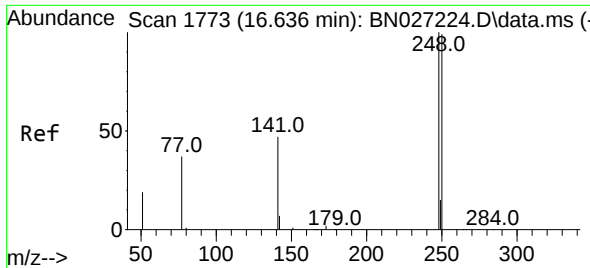
Ion Ratio Lower Upper

198 100

51 349.2 282.2 423.2

105 324.6 168.7 253.1#

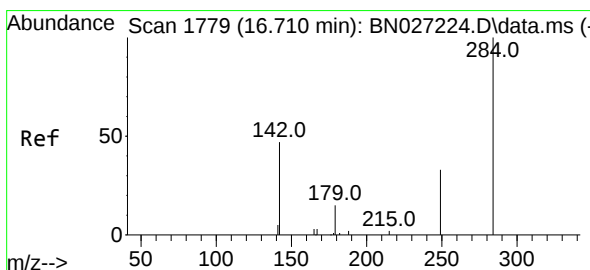
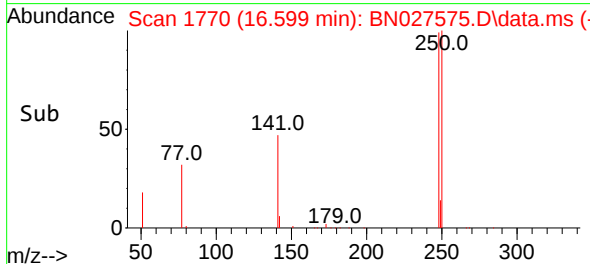
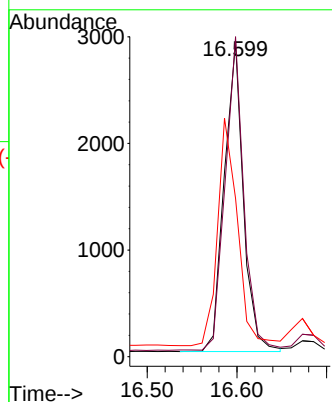
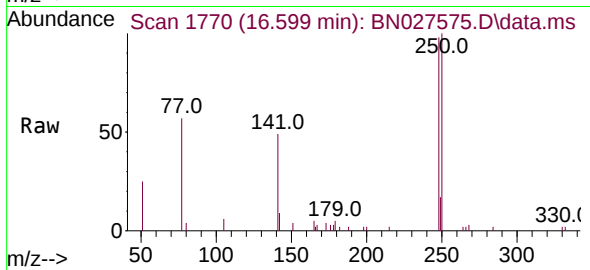




#21  
4-Bromophenyl-phenylether  
Concen: 0.325 ng  
RT: 16.599 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

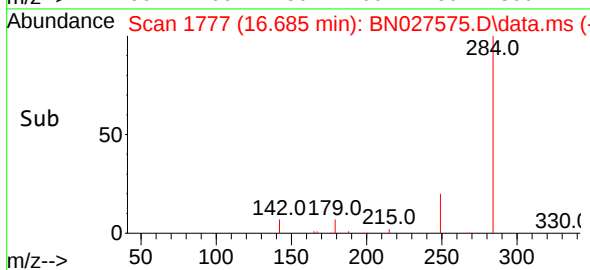
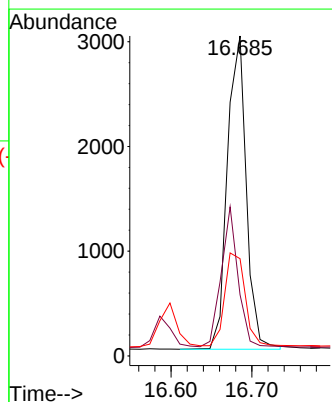
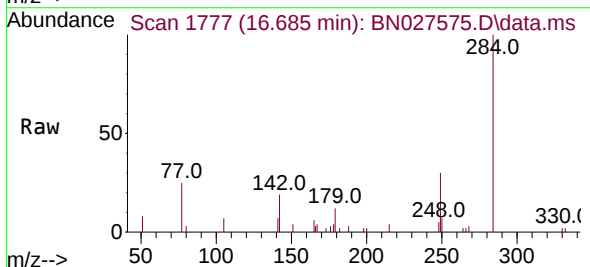
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830MSD

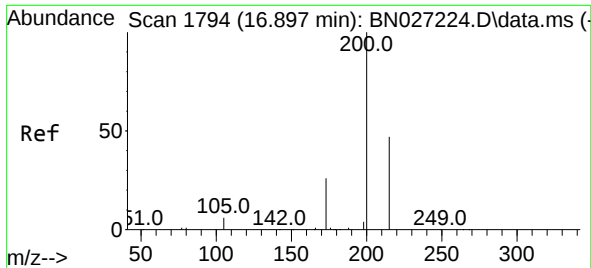
Tgt Ion:248 Resp: 4294  
Ion Ratio Lower Upper  
248 100  
250 101.8 79.7 119.5  
141 50.3 39.8 59.8



#22  
Hexachlorobenzene  
Concen: 0.310 ng  
RT: 16.685 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

Tgt Ion:284 Resp: 4875  
Ion Ratio Lower Upper  
284 100  
142 39.2 32.9 49.3  
249 31.8 24.3 36.5

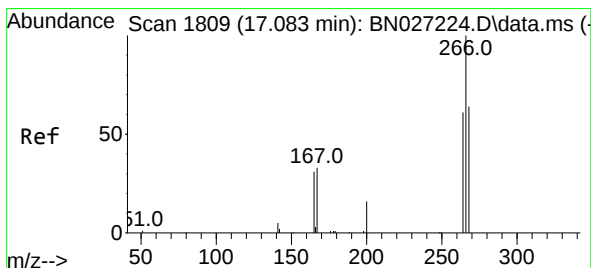
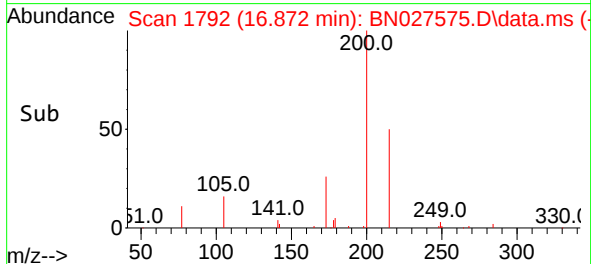
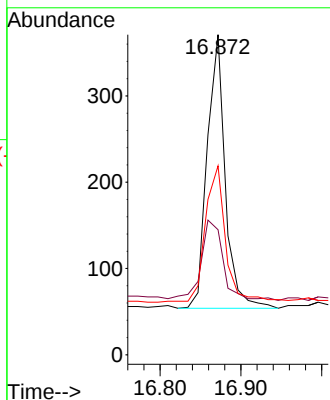
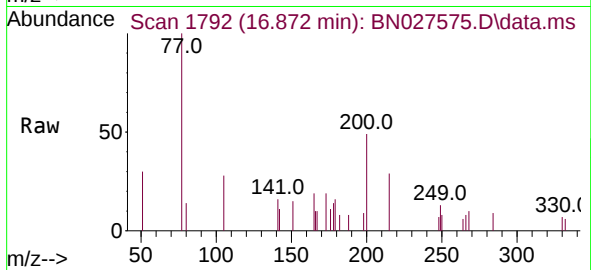




#23  
Atrazine  
Concen: 0.050 ng  
RT: 16.872 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

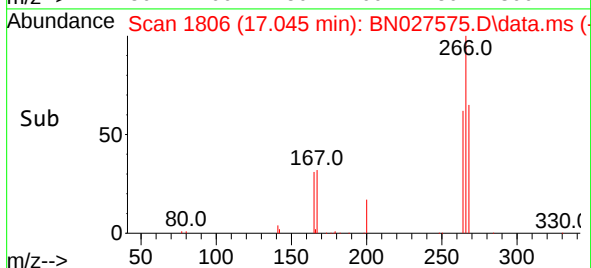
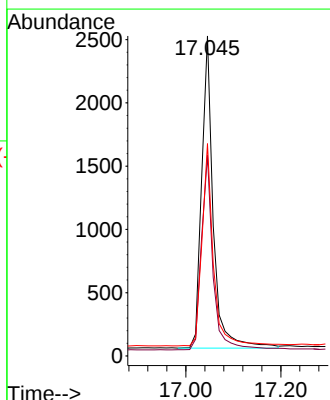
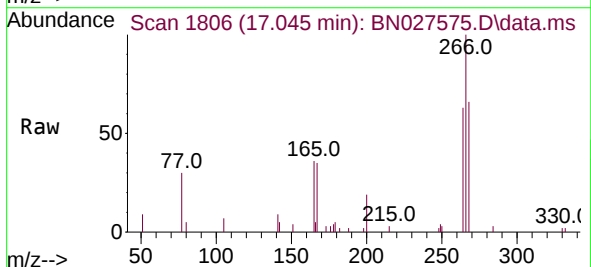
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830MSD

Tgt Ion:200 Resp: 492  
Ion Ratio Lower Upper  
200 100  
173 39.1 22.5 33.7#  
215 59.0 39.0 58.6#



#24  
Pentachlorophenol  
Concen: 0.695 ng  
RT: 17.045 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

Tgt Ion:266 Resp: 4199  
Ion Ratio Lower Upper  
266 100  
264 62.5 50.3 75.5  
268 63.3 52.0 78.0

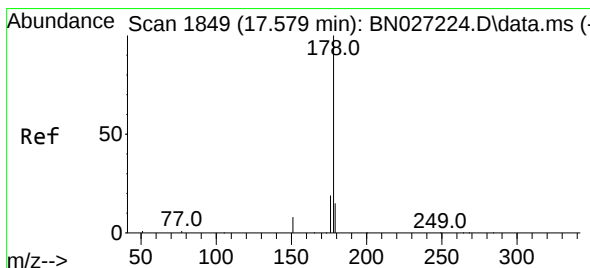
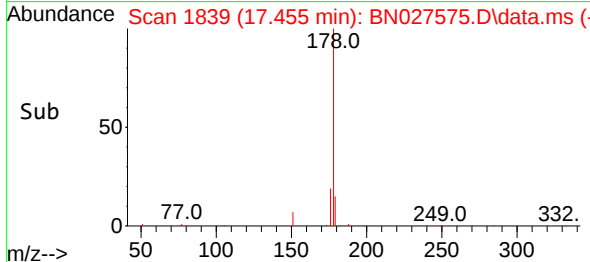
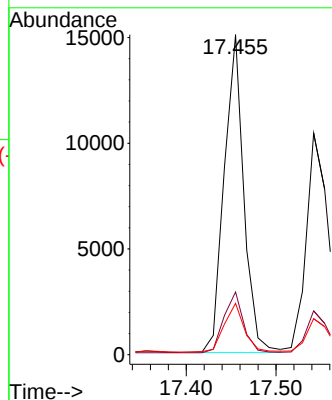
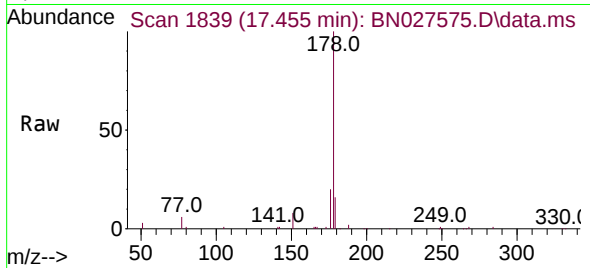




#25  
Phenanthrene  
Concen: 0.308 ng  
RT: 17.455 min Scan# 1839  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

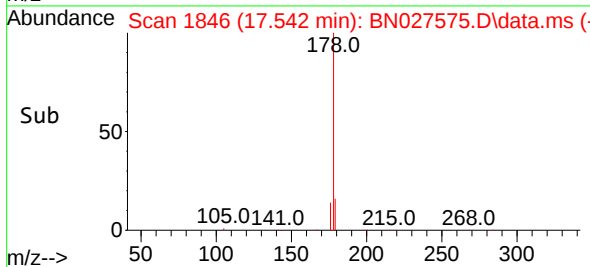
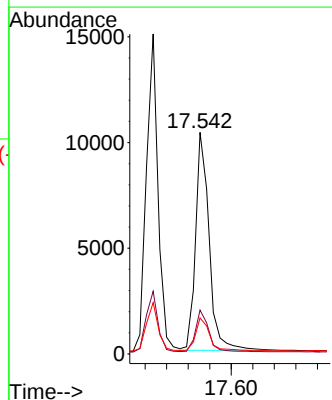
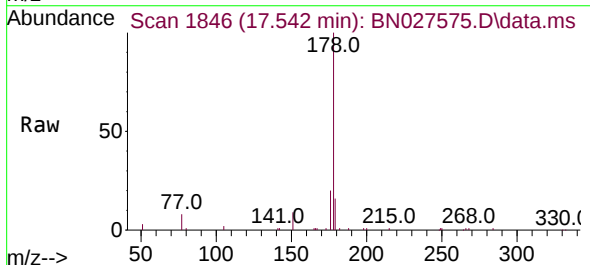
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830MSD

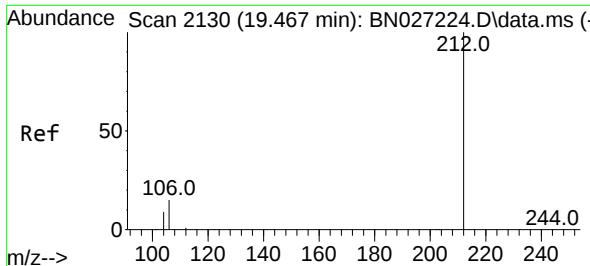
Tgt Ion:178 Resp: 22751  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.6 23.4  
179 15.7 12.3 18.5



#26  
Anthracene  
Concen: 0.288 ng  
RT: 17.542 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

Tgt Ion:178 Resp: 18050  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.9 22.3  
179 15.3 12.0 18.0

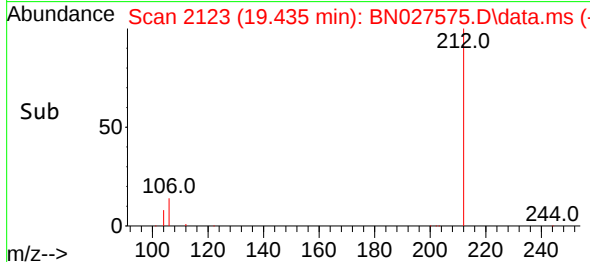
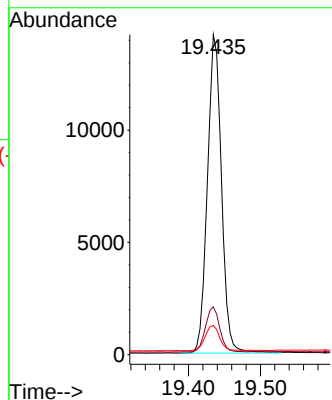
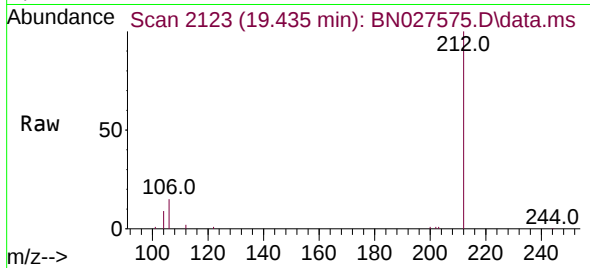




#27  
Fluoranthene-d10  
Concen: 0.309 ng  
RT: 19.435 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

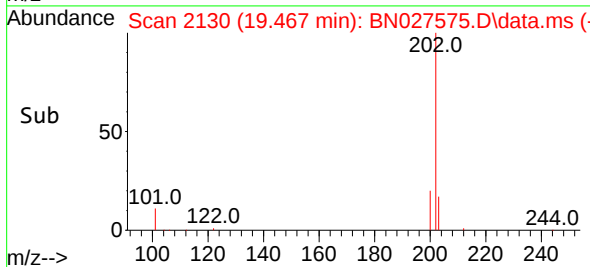
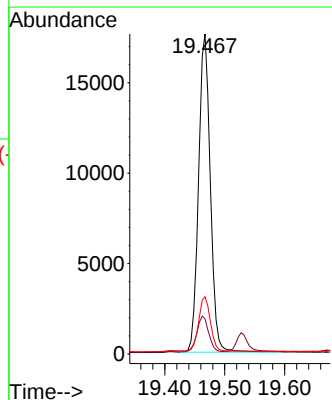
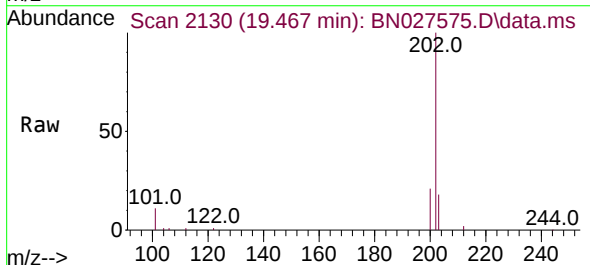
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830MSD

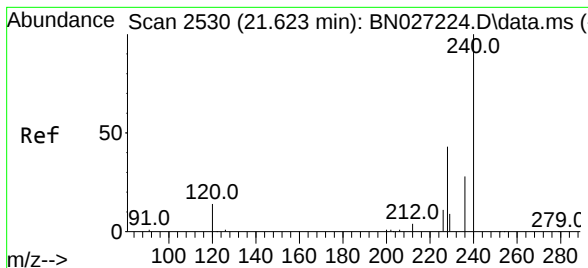
Tgt Ion:212 Resp: 19254  
Ion Ratio Lower Upper  
212 100  
106 14.6 12.1 18.1  
104 8.1 6.9 10.3



#28  
Fluoranthene  
Concen: 0.276 ng  
RT: 19.467 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

Tgt Ion:202 Resp: 23979  
Ion Ratio Lower Upper  
202 100  
101 11.2 9.6 14.4  
203 17.3 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027575.D

Acq: 11 Sep 2023 13:32

Instrument :

BNA\_N

ClientSampleId :

RW11-MW01I-20230830MSD

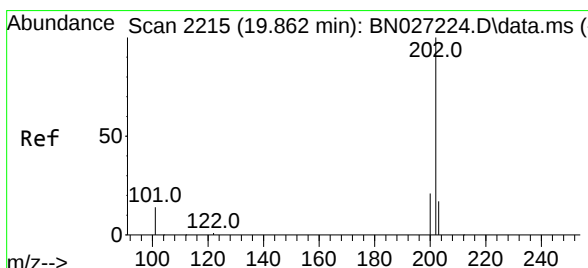
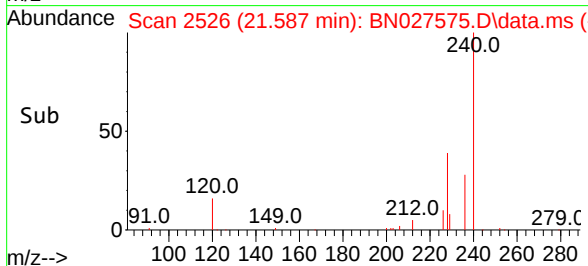
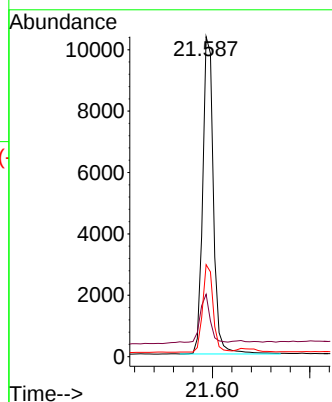
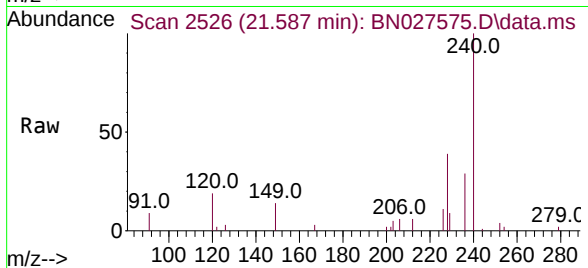
Tgt Ion:240 Resp: 15768

Ion Ratio Lower Upper

240 100

120 19.5 14.2 21.4

236 28.7 22.9 34.3



#30

Pyrene

Concen: 0.376 ng

RT: 19.834 min Scan# 2209

Delta R.T. 0.005 min

Lab File: BN027575.D

Acq: 11 Sep 2023 13:32

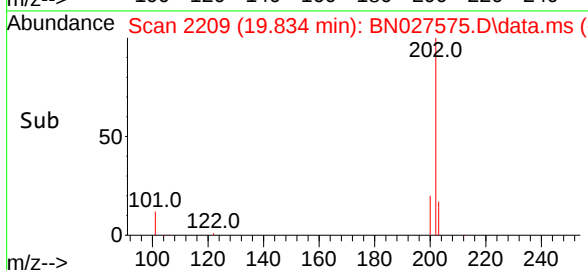
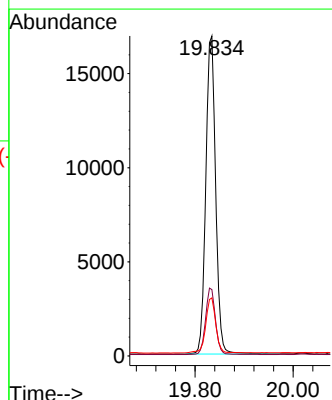
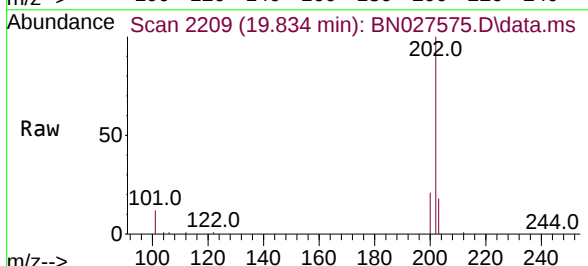
Tgt Ion:202 Resp: 23583

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

203 17.6 14.2 21.4

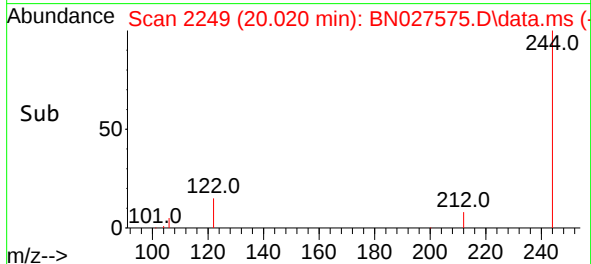
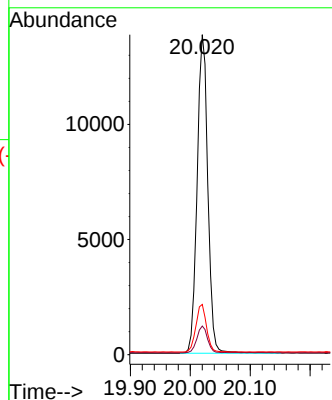
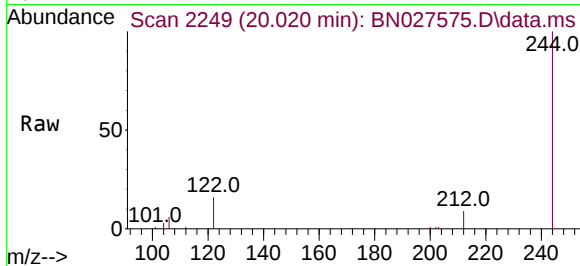




#31  
Terphenyl-d14  
Concen: 0.541 ng  
RT: 20.020 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

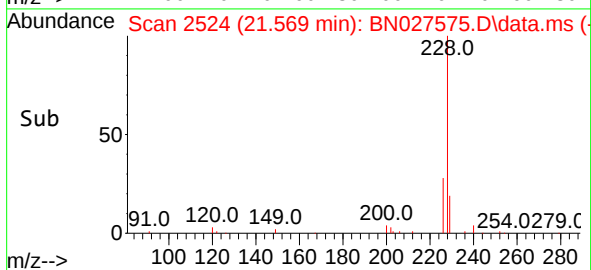
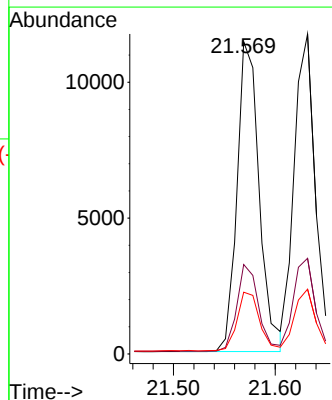
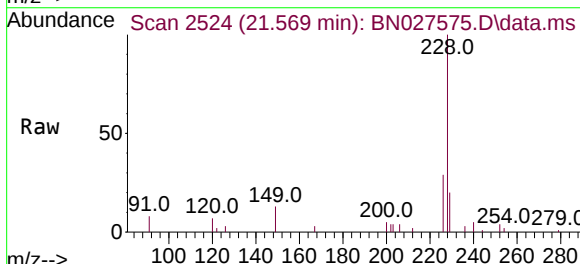
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830MSD

Tgt Ion:244 Resp: 17135  
Ion Ratio Lower Upper  
244 100  
212 9.0 7.5 11.3  
122 15.7 14.0 21.0



#32  
Benzo(a)anthracene  
Concen: 0.320 ng  
RT: 21.569 min Scan# 2524  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

Tgt Ion:228 Resp: 17275  
Ion Ratio Lower Upper  
228 100  
226 28.7 21.9 32.9  
229 19.8 15.7 23.5





#33

Chrysene

Concen: 0.288 ng

RT: 21.632 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN027575.D

Acq: 11 Sep 2023 13:32

Instrument :

BNA\_N

ClientSampleId :

RW11-MW01I-20230830MSD

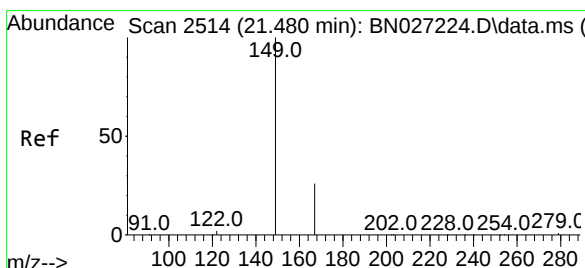
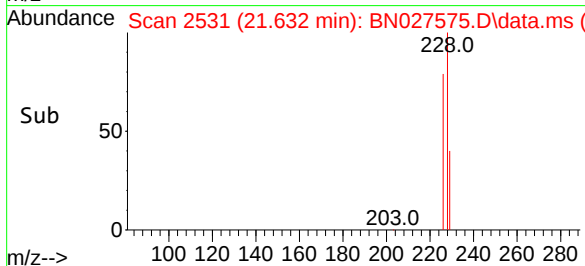
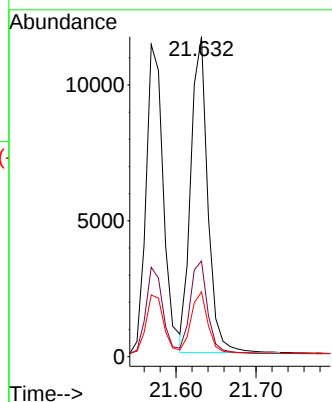
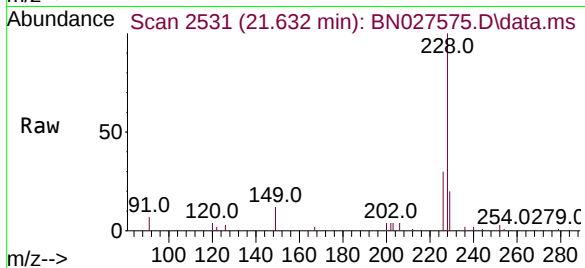
Tgt Ion:228 Resp: 17116

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 20.3 15.4 23.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.489 ng

RT: 21.444 min Scan# 2510

Delta R.T. -0.000 min

Lab File: BN027575.D

Acq: 11 Sep 2023 13:32

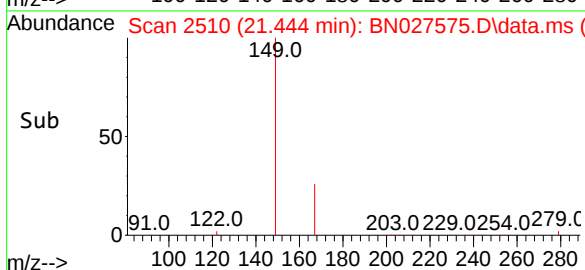
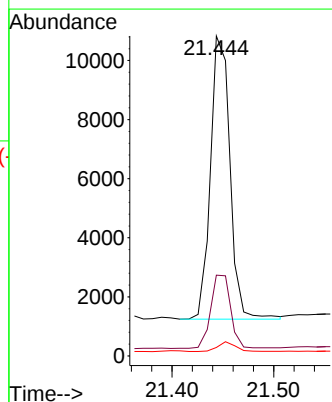
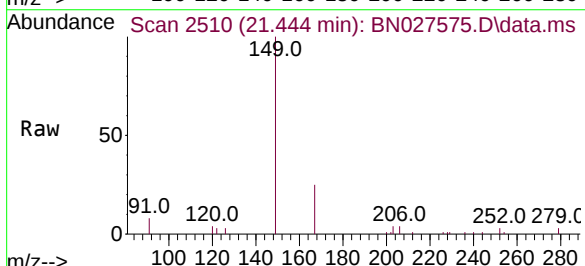
Tgt Ion:149 Resp: 12754

Ion Ratio Lower Upper

149 100

167 26.5 22.1 33.1

279 3.1 2.7 4.1

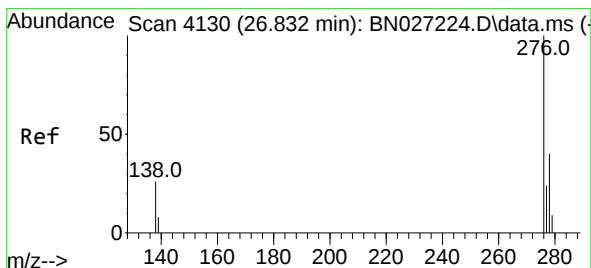
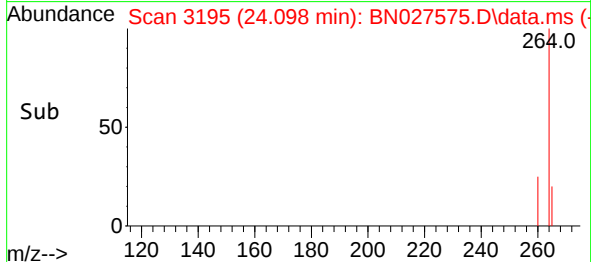
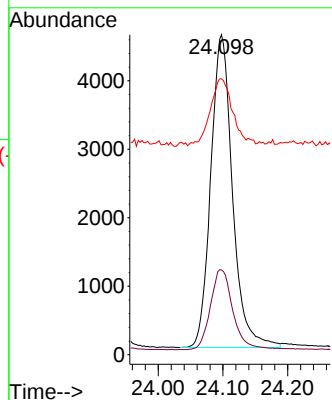
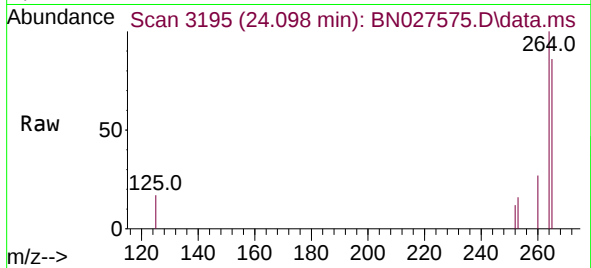




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.098 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

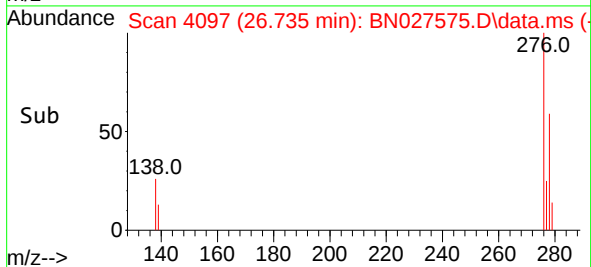
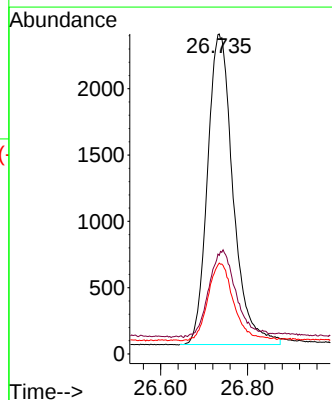
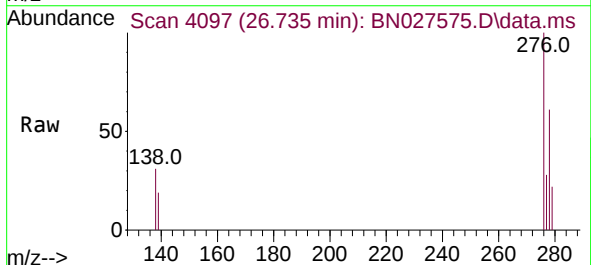
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830MSD

Tgt Ion:264 Resp: 10658  
Ion Ratio Lower Upper  
264 100  
260 26.5 20.7 31.1  
265 86.2 53.3 79.9#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.221 ng  
RT: 26.735 min Scan# 4097  
Delta R.T. -0.000 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

Tgt Ion:276 Resp: 9584  
Ion Ratio Lower Upper  
276 100  
138 29.4 23.4 35.2  
277 25.2 19.8 29.8

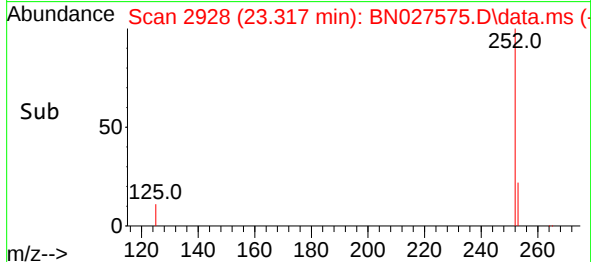
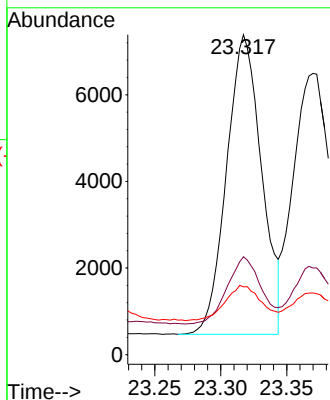
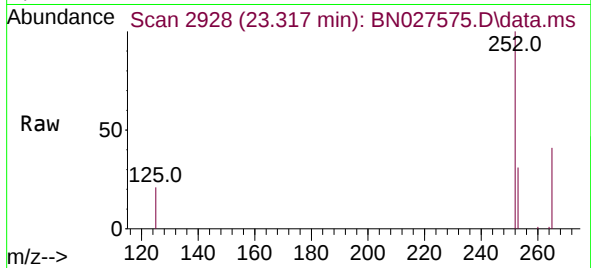




#37  
Benzo(b)fluoranthene  
Concen: 0.310 ng  
RT: 23.317 min Scan# 2945  
Delta R.T. 0.003 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

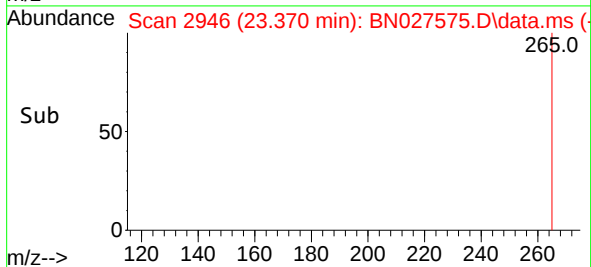
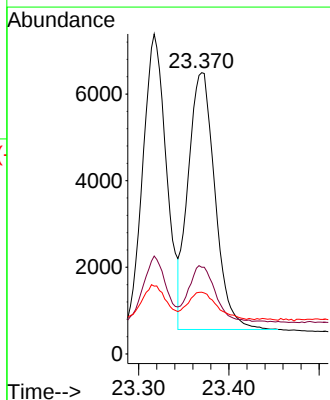
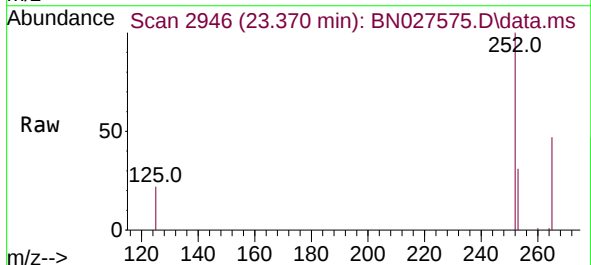
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830MSD

Tgt Ion:252 Resp: 12783  
Ion Ratio Lower Upper  
252 100  
253 30.6 19.9 29.9#  
125 21.2 13.8 20.6#



#38  
Benzo(k)fluoranthene  
Concen: 0.289 ng  
RT: 23.370 min Scan# 2946  
Delta R.T. 0.006 min  
Lab File: BN027575.D  
Acq: 11 Sep 2023 13:32

Tgt Ion:252 Resp: 12273  
Ion Ratio Lower Upper  
252 100  
253 30.8 20.2 30.2#  
125 22.0 14.1 21.1#





#39

Benzo(a)pyrene

Concen: 0.197 ng

RT: 23.984 min Scan# 3176

Delta R.T. 0.003 min

Lab File: BN027575.D

Acq: 11 Sep 2023 13:32

Instrument :

BNA\_N

ClientSampleId :

RW11-MW01I-20230830MSD

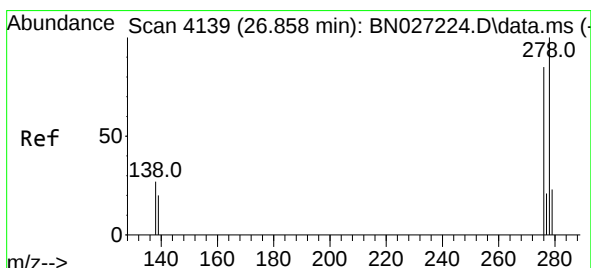
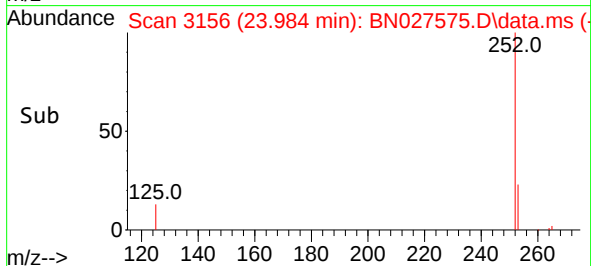
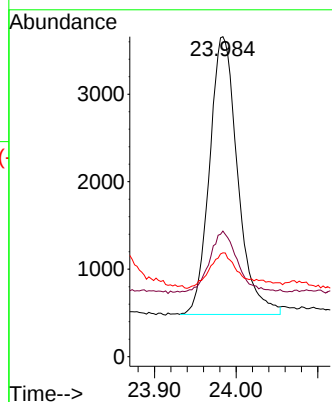
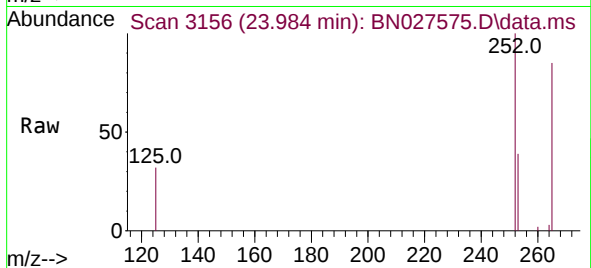
Tgt Ion:252 Resp: 7595

Ion Ratio Lower Upper

252 100

253 39.3 21.4 32.0#

125 32.4 16.5 24.7#



#40

Dibenzo(a,h)anthracene

Concen: 0.250 ng

RT: 26.755 min Scan# 4104

Delta R.T. -0.003 min

Lab File: BN027575.D

Acq: 11 Sep 2023 13:32

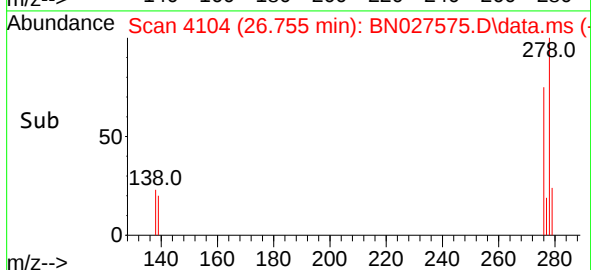
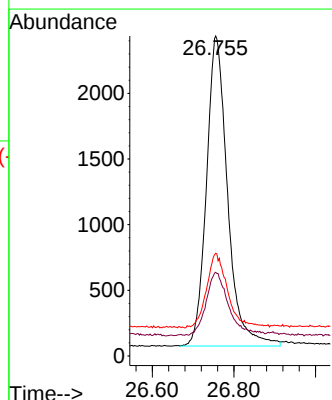
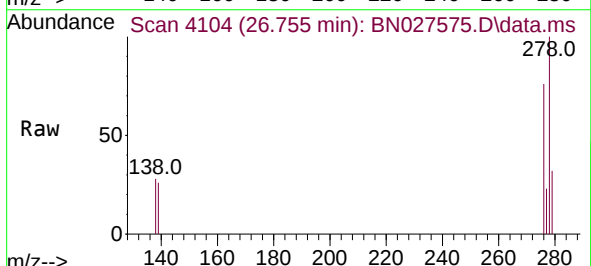
Tgt Ion:278 Resp: 8481

Ion Ratio Lower Upper

278 100

139 26.1 17.9 26.9

279 32.1 21.8 32.6





#41

Benzo(g,h,i)perylene

Concen: 0.189 ng

RT: 27.559 min Scan# 41

Delta R.T. 0.006 min

Lab File: BN027575.D

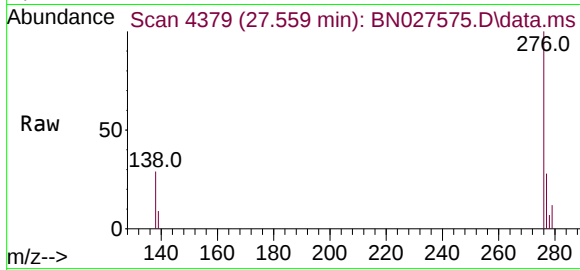
Acq: 11 Sep 2023 13:32

Instrument :

BNA\_N

ClientSampleId :

RW11-MW01I-20230830MSD



Tgt Ion:276 Resp: 7417

Ion Ratio Lower Upper

276 100

277 28.0 19.6 29.4

138 29.1 22.1 33.1

