

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022624\  
 Data File : BN030060.D  
 Acq On : 26 Feb 2024 16:24  
 Operator : MA/JU  
 Sample : P1577-03MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW10A-MW01I-20240221MSD

Quant Time: Feb 26 17:11:48 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 26 02:39:45 2024  
 Response via : Initial Calibration

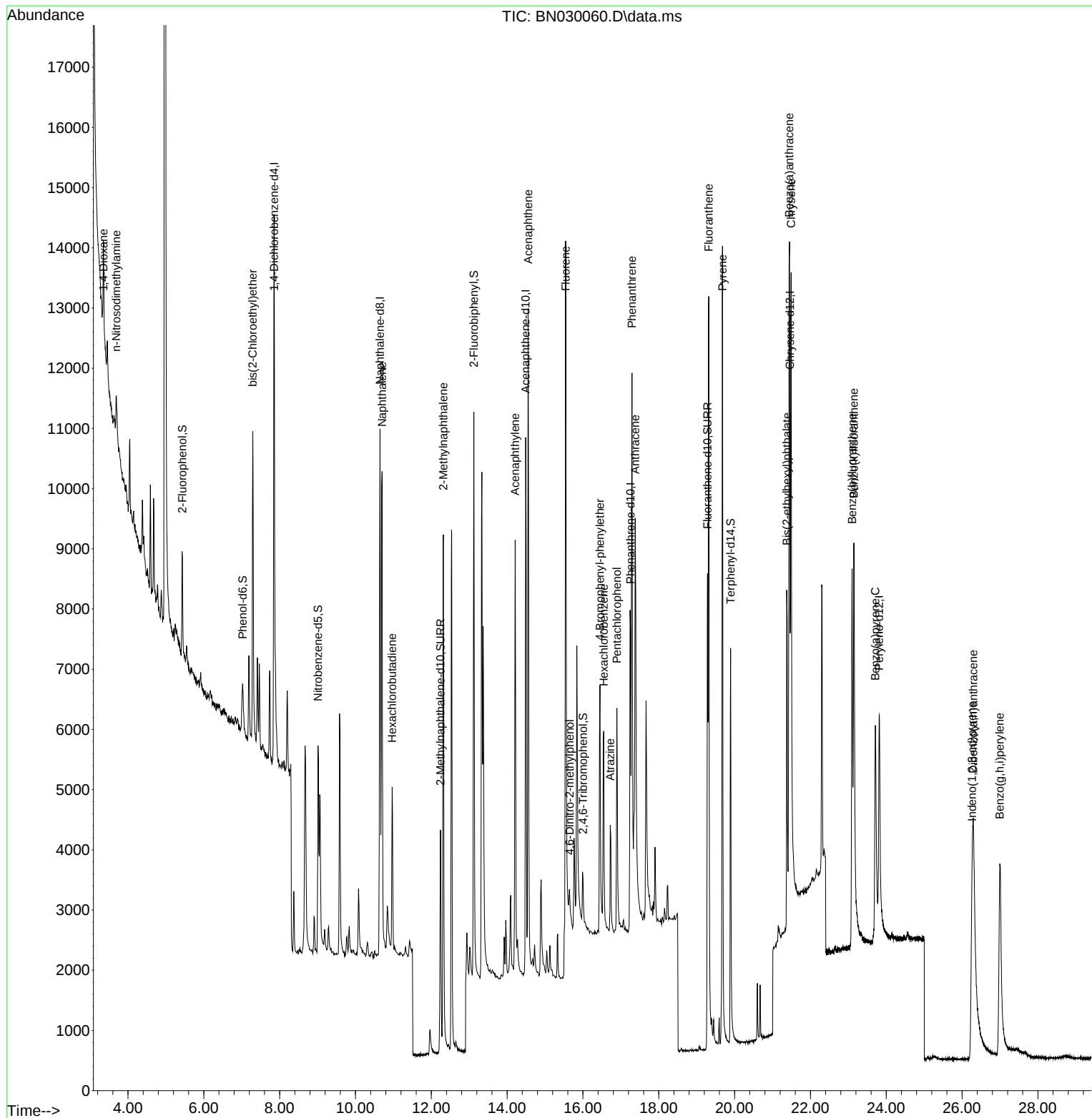
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 4627     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.648 | 136  | 12194    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.490 | 164  | 5538     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.255 | 188  | 10139    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.456 | 240  | 7304     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.815 | 264  | 6982     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.435  | 112  | 1462     | 0.132 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.024  | 99   | 920      | 0.072 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.014  | 82   | 3632     | 0.358 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.242 | 152  | 6449     | 0.388 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.002 | 330  | 641      | 0.361 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.121 | 172  | 8614     | 0.362 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.285 | 212  | 10247    | 0.417 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.893 | 244  | 7943     | 0.438 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.355  | 88   | 954      | 0.146 | ng    | # 10     |
| 3) n-Nitrosodimethylamine     | 3.694  | 42   | 616      | 0.116 | ng    | # 69     |
| 6) bis(2-Chloroethyl)ether    | 7.291  | 93   | 4202     | 0.343 | ng    | 99       |
| 9) Naphthalene                | 10.701 | 128  | 11800    | 0.340 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.968 | 225  | 2174     | 0.330 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.318 | 142  | 6958     | 0.341 | ng    | 99       |
| 16) Acenaphthylene            | 14.212 | 152  | 8904     | 0.339 | ng    | 100      |
| 17) Acenaphthene              | 14.554 | 154  | 5879     | 0.333 | ng    | 98       |
| 18) Fluorene                  | 15.542 | 166  | 7250     | 0.327 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.654 | 198  | 436      | 0.293 | ng    | # 73     |
| 21) 4-Bromophenyl-phenylether | 16.448 | 248  | 2089     | 0.346 | ng    | # 81     |
| 22) Hexachlorobenzene         | 16.548 | 284  | 2768     | 0.374 | ng    | 94       |
| 23) Atrazine                  | 16.722 | 200  | 1816     | 0.423 | ng    | # 93     |
| 24) Pentachlorophenol         | 16.895 | 266  | 2144     | 0.914 | ng    | 98       |
| 25) Phenanthrene              | 17.293 | 178  | 11514    | 0.384 | ng    | 99       |
| 26) Anthracene                | 17.379 | 178  | 9863     | 0.386 | ng    | 99       |
| 28) Fluoranthene              | 19.317 | 202  | 13315    | 0.395 | ng    | 99       |
| 30) Pyrene                    | 19.680 | 202  | 13723    | 0.408 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.438 | 228  | 9215     | 0.369 | ng    | 99       |
| 33) Chrysene                  | 21.492 | 228  | 11406    | 0.402 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.375 | 149  | 5520     | 0.325 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.262 | 276  | 10060    | 0.358 | ng    | # 80     |
| 37) Benzo(b)fluoranthene      | 23.098 | 252  | 9276     | 0.372 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 23.145 | 252  | 10242    | 0.392 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.712 | 252  | 8639     | 0.397 | ng    | 93       |
| 40) Dibenzo(a,h)anthracene    | 26.297 | 278  | 8307     | 0.372 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 26.996 | 276  | 9679     | 0.356 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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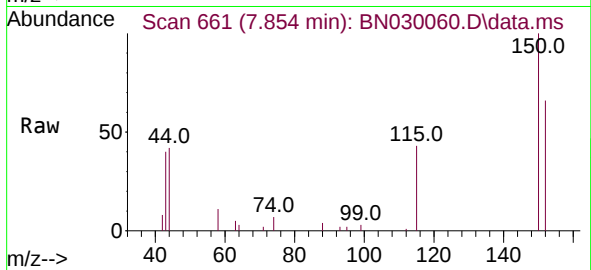
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 26 02:39:45 2024  
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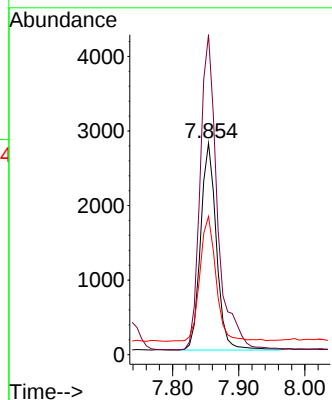
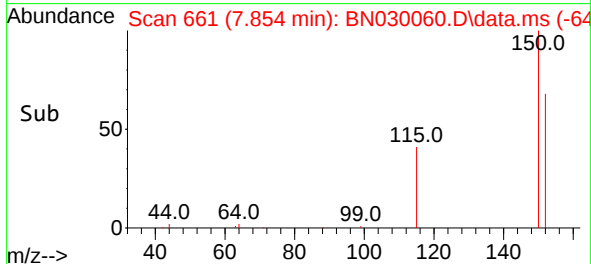


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.854 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN030060.D  
 Acq: 26 Feb 2024 16:24

Instrument :  
 BNA\_N  
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 RW10A-MW01I-20240221MSD

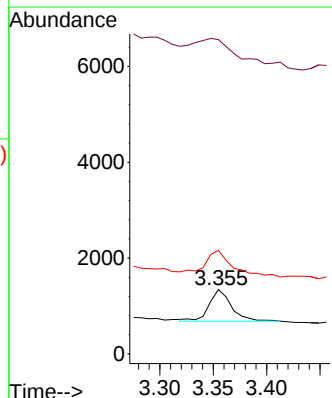
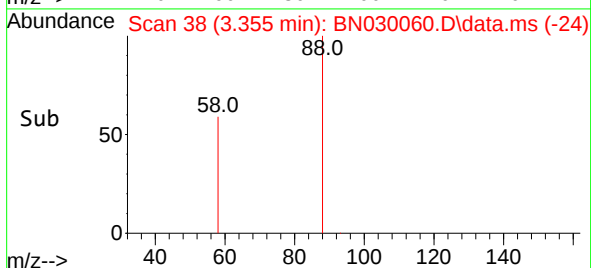
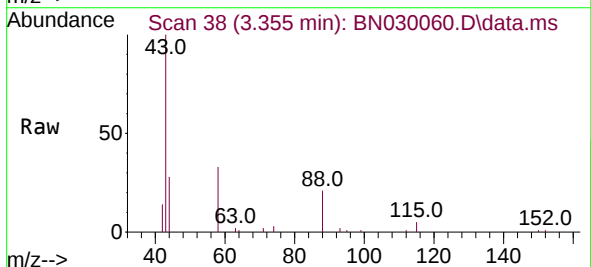


Tgt Ion:152 Resp: 4627  
 Ion Ratio Lower Upper  
 152 100  
 150 151.2 123.0 184.4  
 115 65.3 51.4 77.0



#2  
 1,4-Dioxane  
 Concen: 0.146 ng  
 RT: 3.355 min Scan# 38  
 Delta R.T. 0.000 min  
 Lab File: BN030060.D  
 Acq: 26 Feb 2024 16:24

Tgt Ion: 88 Resp: 954  
 Ion Ratio Lower Upper  
 88 100  
 43 124.1 23.3 34.9#  
 58 108.7 53.8 80.6#

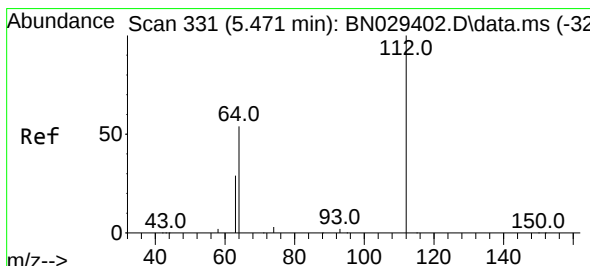
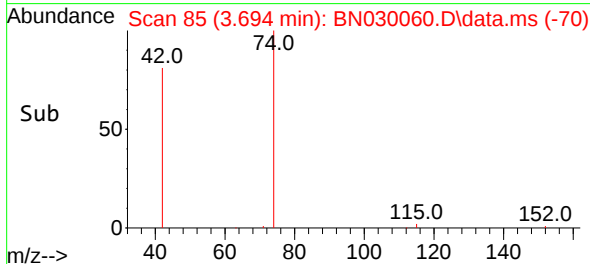
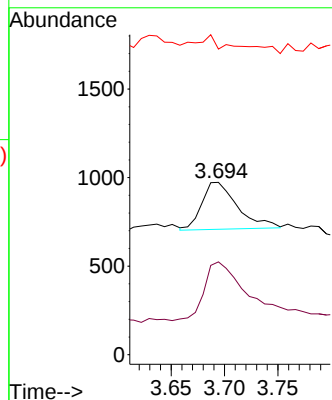
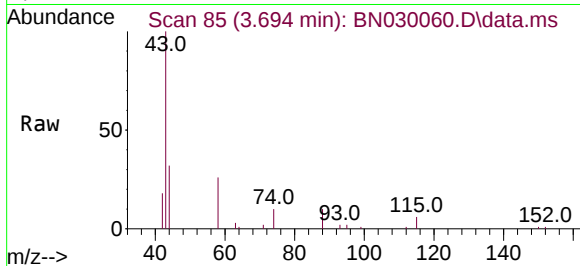




#3  
n-Nitrosodimethylamine  
Concen: 0.116 ng  
RT: 3.694 min Scan# 81  
Delta R.T. 0.007 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

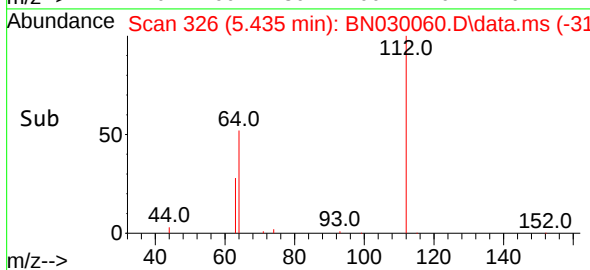
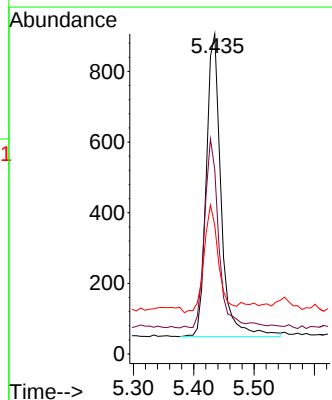
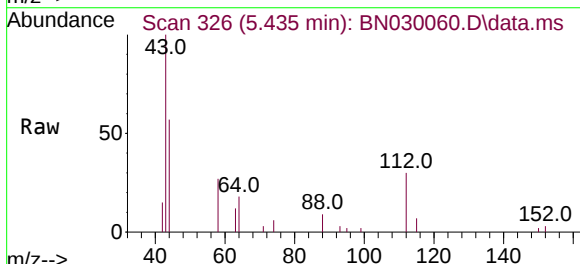
Instrument :  
BNA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MSD

Tgt Ion: 42 Resp: 616  
Ion Ratio Lower Upper  
42 100  
74 151.8 93.7 140.5#  
44 6.2 13.0 19.4#



#4  
2-Fluorophenol  
Concen: 0.132 ng  
RT: 5.435 min Scan# 326  
Delta R.T. 0.007 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

Tgt Ion: 112 Resp: 1462  
Ion Ratio Lower Upper  
112 100  
64 58.9 47.2 70.8  
63 34.7 25.8 38.6

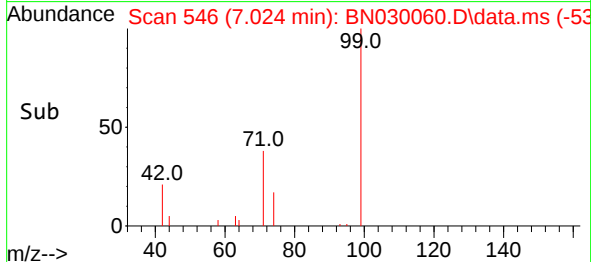
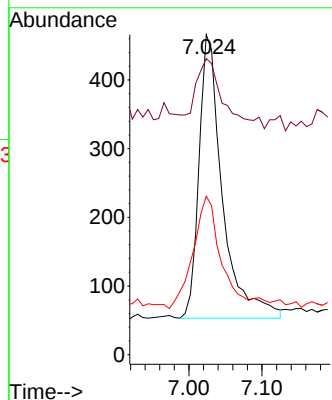
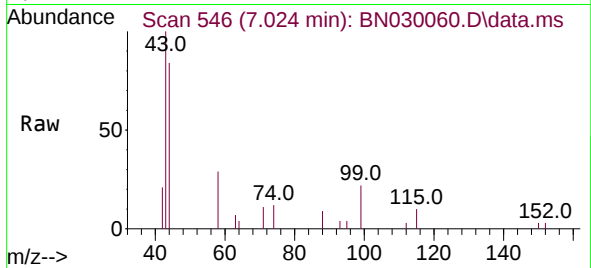




#5  
Phenol-d6  
Concen: 0.072 ng  
RT: 7.024 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

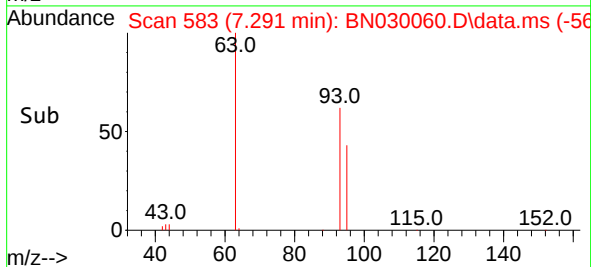
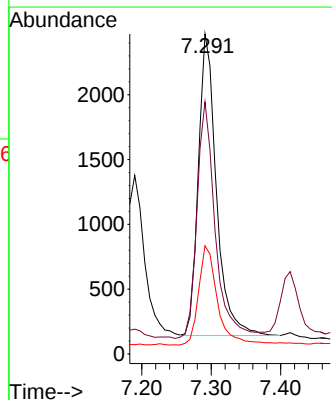
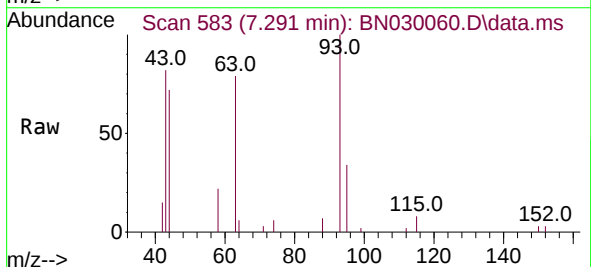
Instrument :  
BNA\_N  
ClientSampleId :  
RW10A-MW01-20240221MSD

Tgt Ion: 99 Resp: 920  
Ion Ratio Lower Upper  
99 100  
42 28.6 16.9 25.3#  
71 46.2 30.0 45.0#



#6  
bis(2-Chloroethyl)ether  
Concen: 0.343 ng  
RT: 7.291 min Scan# 583  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

Tgt Ion: 93 Resp: 4202  
Ion Ratio Lower Upper  
93 100  
63 79.6 63.1 94.7  
95 35.7 27.1 40.7

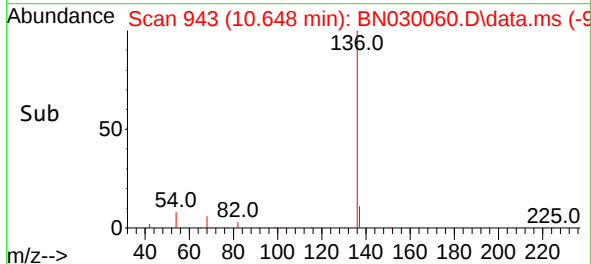
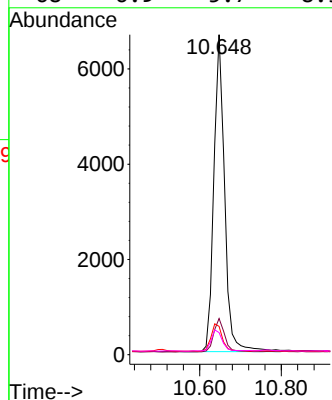
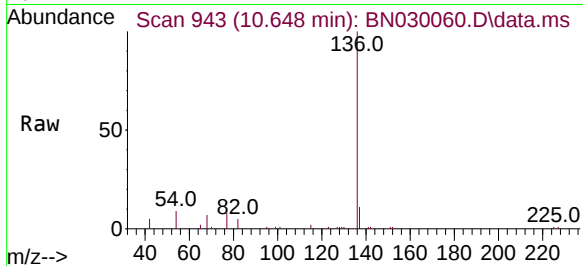




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

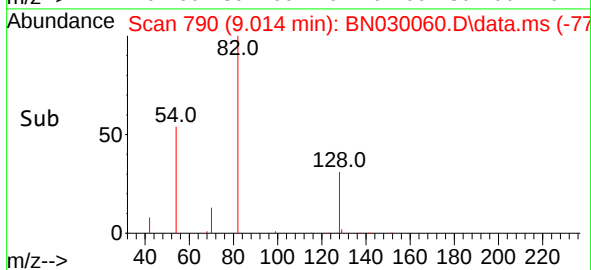
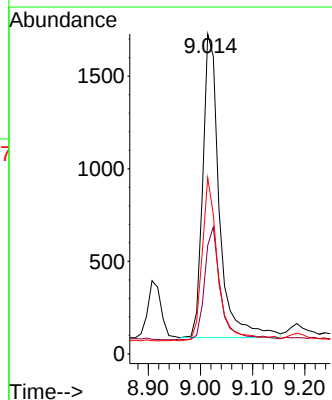
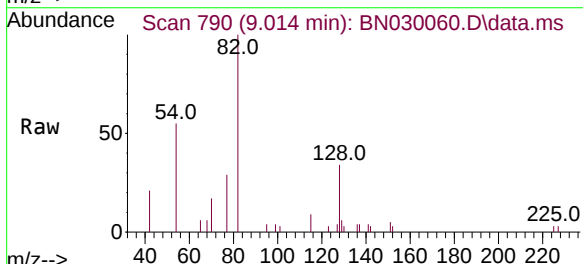
Instrument :  
BNA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MSD

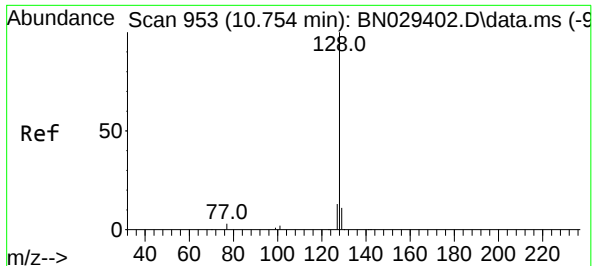
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 12194 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.3  | 9.7   | 14.5  |
| 54       | 8.9   | 6.6   | 10.0  |
| 68       | 6.9   | 5.7   | 8.5   |



#8  
Nitrobenzene-d5  
Concen: 0.358 ng  
RT: 9.014 min Scan# 790  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3632  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 34.0  | 31.6  | 47.4  |
| 54       | 55.0  | 38.2  | 57.4  |

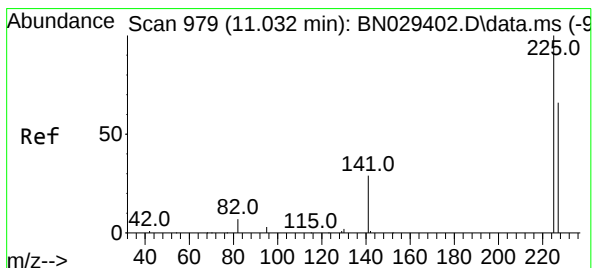
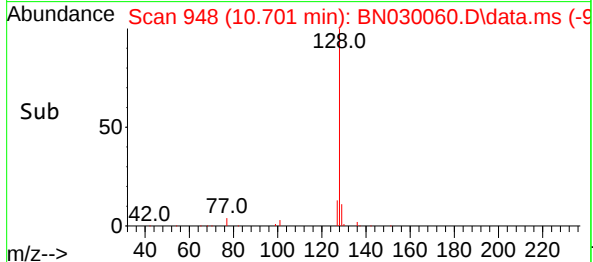
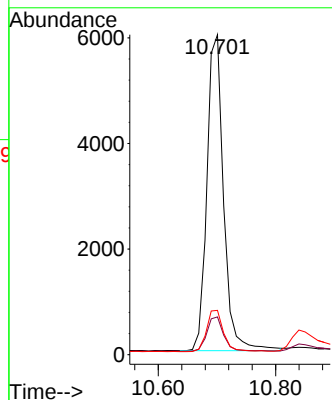
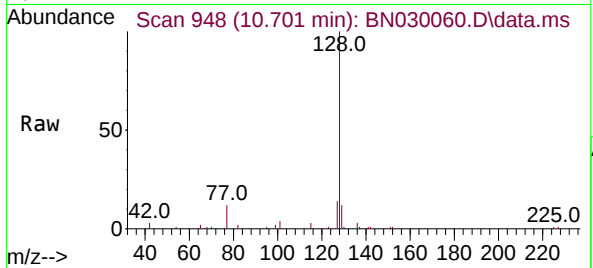




#9  
Naphthalene  
Concen: 0.340 ng  
RT: 10.701 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

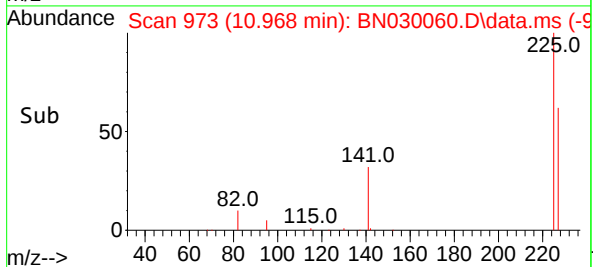
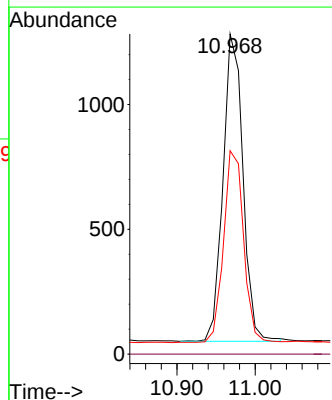
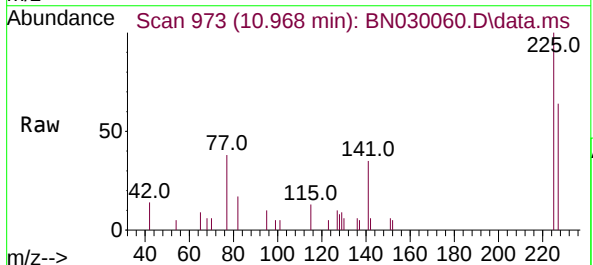
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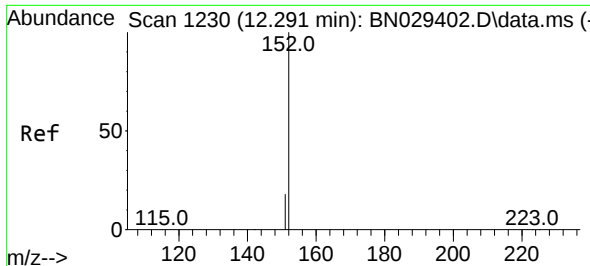
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Ion Ratio Lower Upper  
128 100  
129 11.8 9.5 14.3  
127 13.8 10.8 16.2



#10  
Hexachlorobutadiene  
Concen: 0.330 ng  
RT: 10.968 min Scan# 973  
Delta R.T. -0.011 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

Tgt Ion:225 Resp: 2174  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 62.5 51.1 76.7

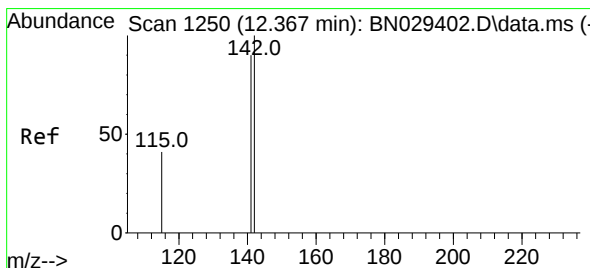
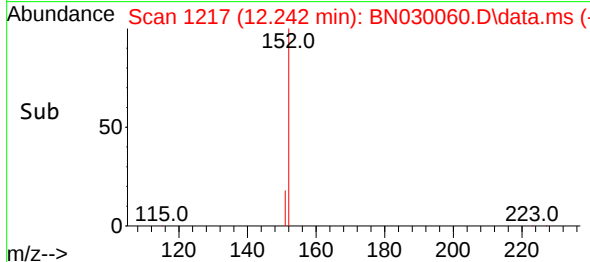
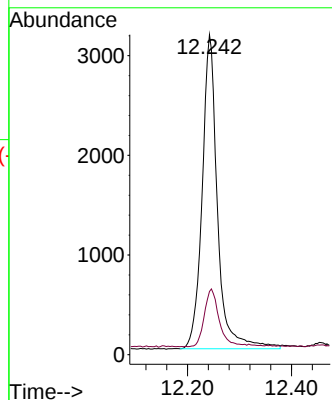
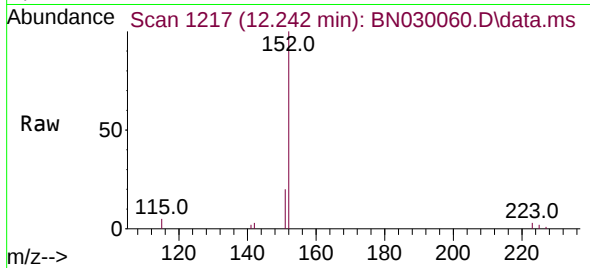




#11  
2-Methylnaphthalene-d10  
Concen: 0.388 ng  
RT: 12.242 min Scan# 1217  
Delta R.T. -0.004 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

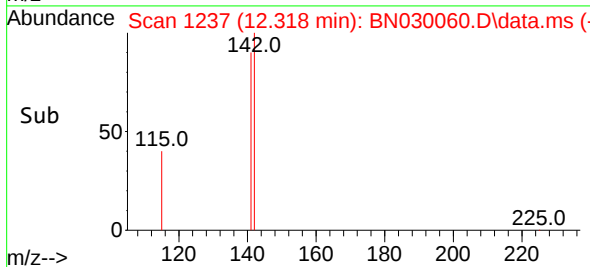
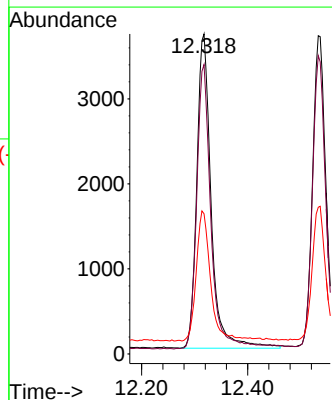
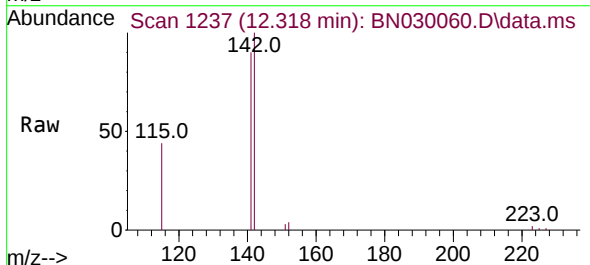
Instrument :  
BNA\_N  
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Tgt Ion:152 Resp: 6449  
Ion Ratio Lower Upper  
152 100  
151 17.8 17.1 25.7



#12  
2-Methylnaphthalene  
Concen: 0.341 ng  
RT: 12.318 min Scan# 1237  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

Tgt Ion:142 Resp: 6958  
Ion Ratio Lower Upper  
142 100  
141 90.5 71.9 107.9  
115 43.8 33.9 50.9

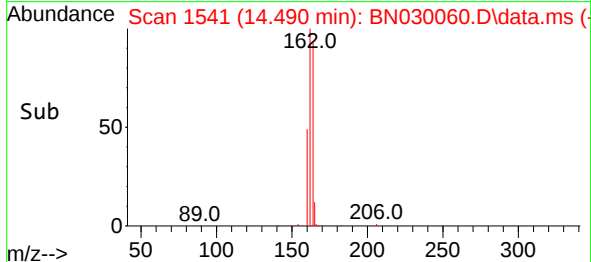
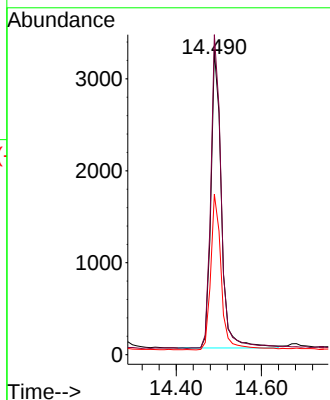
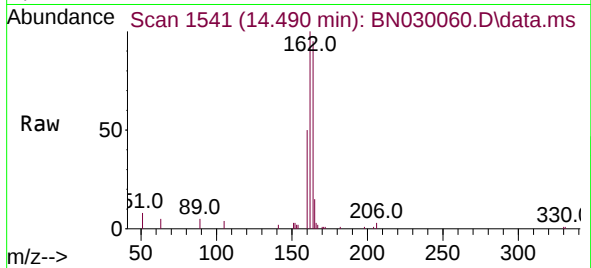




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.490 min Scan# 1546  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

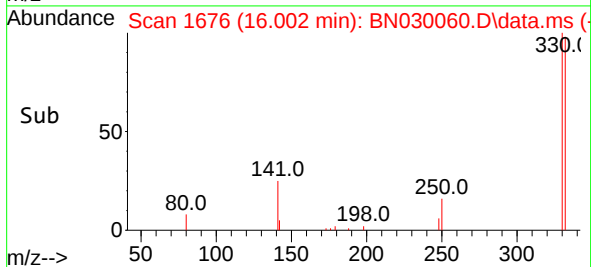
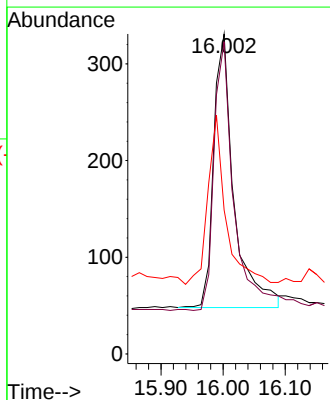
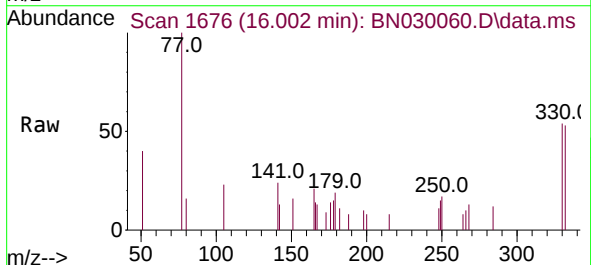
Instrument :  
BNA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MSD

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 5538        |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 162         | 105.4 | 82.6 123.8  |
| 160         | 52.9  | 41.5 62.3   |



#14  
2,4,6-Tribromophenol  
Concen: 0.361 ng  
RT: 16.002 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:330 | Resp: | 641         |
| Ion         | Ratio | Lower Upper |
| 330         | 100   |             |
| 332         | 97.7  | 76.0 114.0  |
| 141         | 54.9  | 43.4 65.2   |

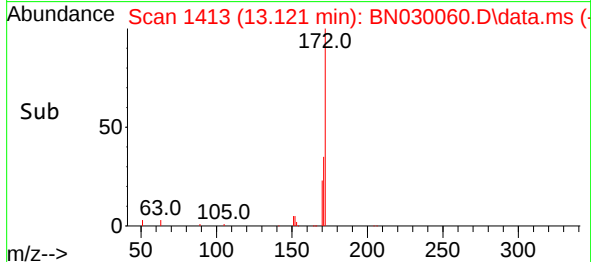
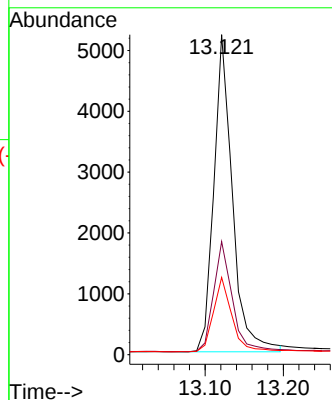
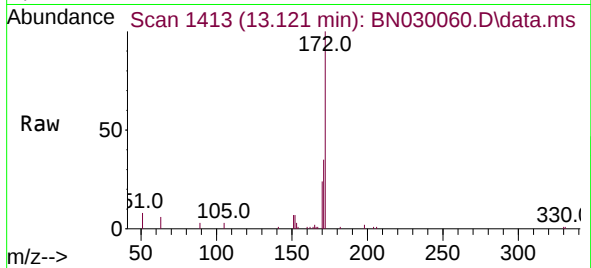




#15  
2-Fluorobiphenyl  
Concen: 0.362 ng  
RT: 13.121 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

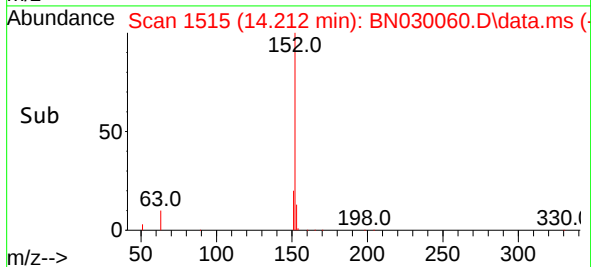
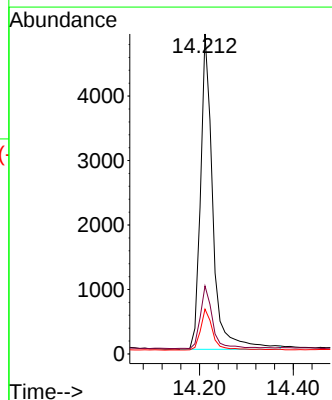
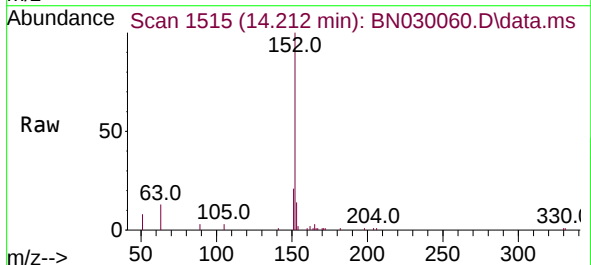
Instrument :  
BNA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 8614  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.4  | 28.0  | 42.0  |
| 170      | 24.1  | 18.7  | 28.1  |



#16  
Acenaphthylene  
Concen: 0.339 ng  
RT: 14.212 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 8904  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 20.0  | 15.9  | 23.9  |
| 153      | 13.1  | 10.5  | 15.7  |

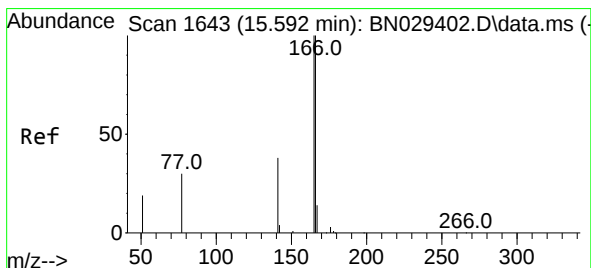
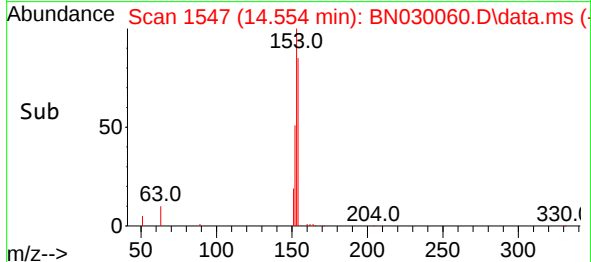
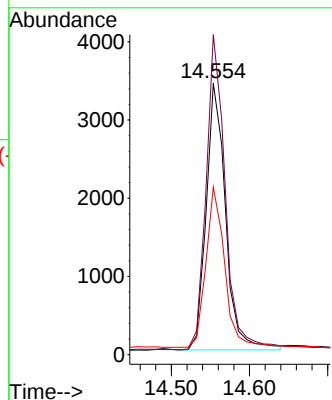
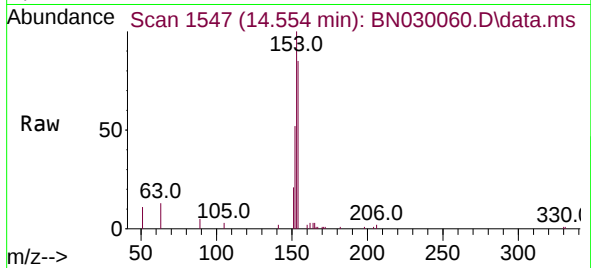




#17  
Acenaphthene  
Concen: 0.333 ng  
RT: 14.554 min Scan# 1547  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

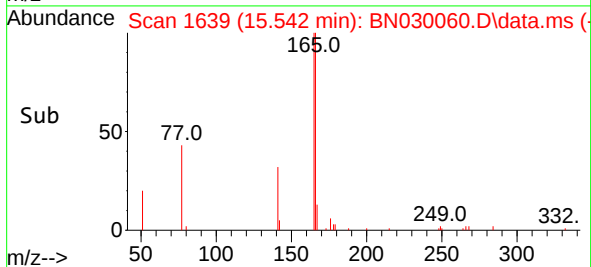
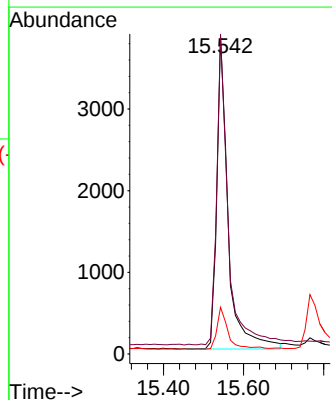
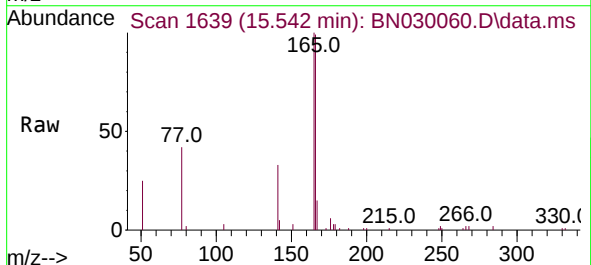
Instrument :  
BNA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MSD

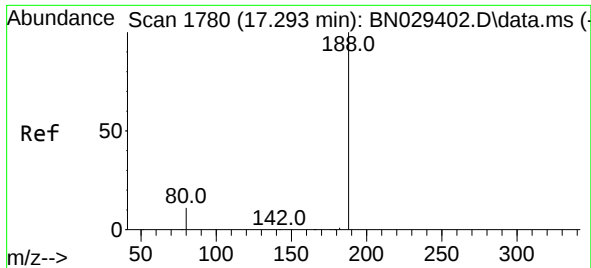
Tgt Ion:154 Resp: 5879  
Ion Ratio Lower Upper  
154 100  
153 118.9 93.6 140.4  
152 58.9 48.6 73.0



#18  
Fluorene  
Concen: 0.327 ng  
RT: 15.542 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

Tgt Ion:166 Resp: 7250  
Ion Ratio Lower Upper  
166 100  
165 100.9 79.9 119.9  
167 13.4 11.3 16.9

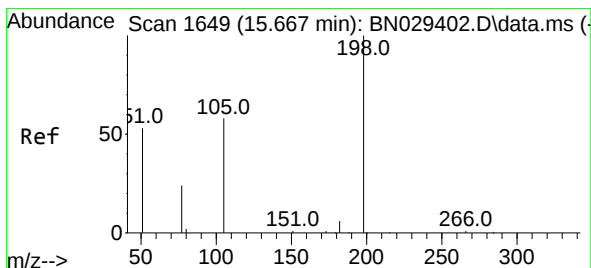
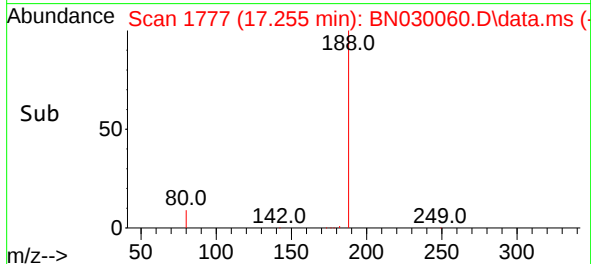
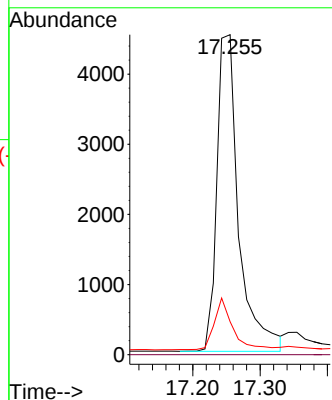
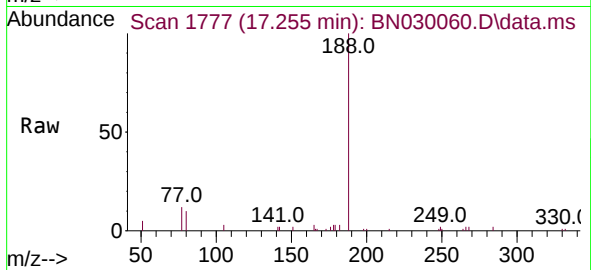




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.255 min Scan# 1777  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

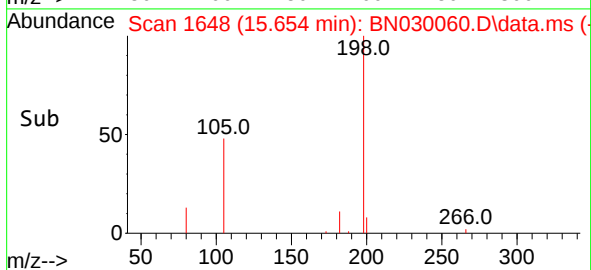
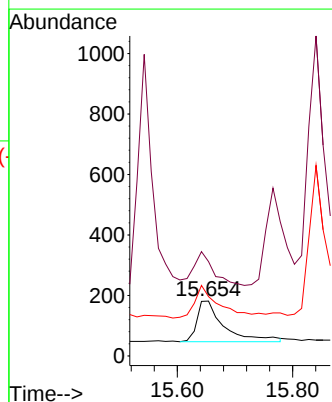
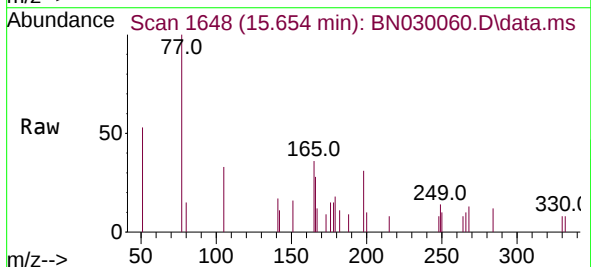
Instrument :  
BNA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MSD

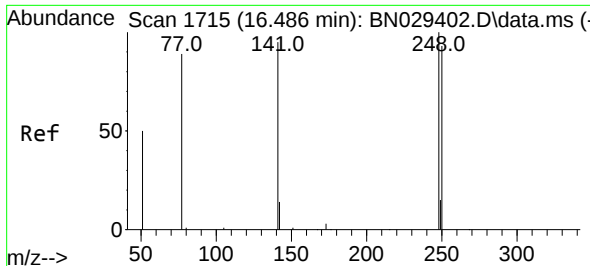
Tgt Ion:188 Resp: 10139  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.3 10.0 15.0



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.293 ng  
RT: 15.654 min Scan# 1648  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

Tgt Ion:198 Resp: 436  
Ion Ratio Lower Upper  
198 100  
51 172.4 111.0 166.6#  
105 108.3 67.0 100.6#

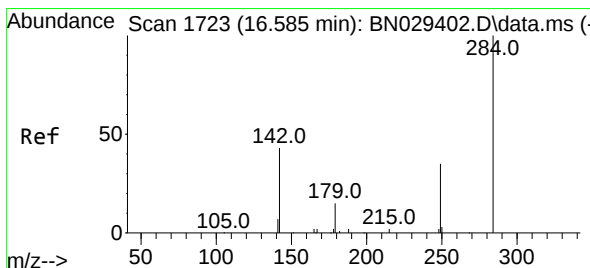
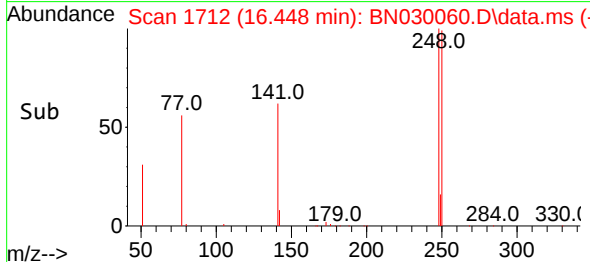
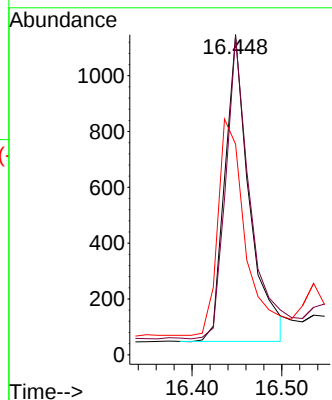
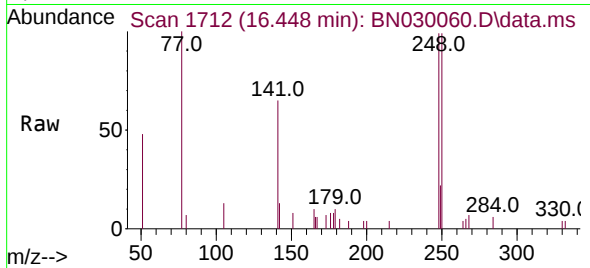




#21  
4-Bromophenyl-phenylether  
Concen: 0.346 ng  
RT: 16.448 min Scan# 1712  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

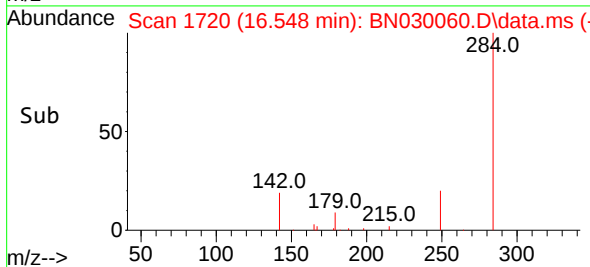
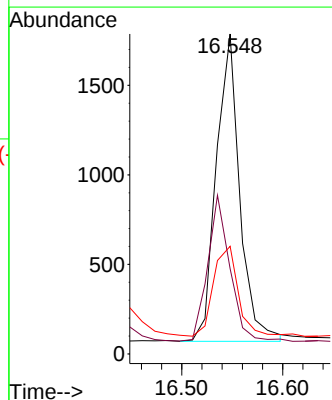
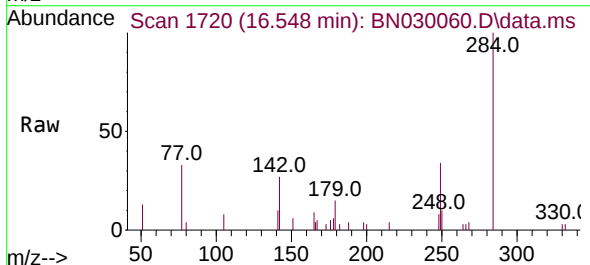
Instrument :  
BNA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MSD

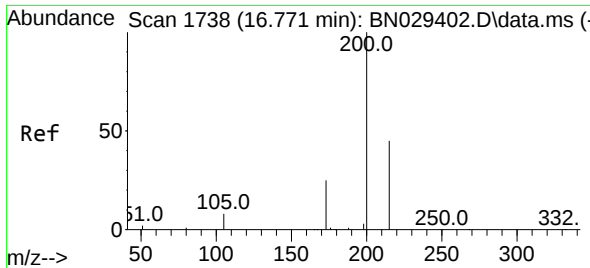
Tgt Ion:248 Resp: 2089  
Ion Ratio Lower Upper  
248 100  
250 99.6 75.0 112.4  
141 65.8 77.0 115.6#



#22  
Hexachlorobenzene  
Concen: 0.374 ng  
RT: 16.548 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

Tgt Ion:284 Resp: 2768  
Ion Ratio Lower Upper  
284 100  
142 44.3 39.4 59.2  
249 30.9 26.9 40.3

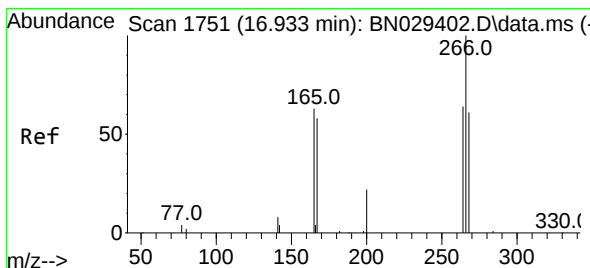
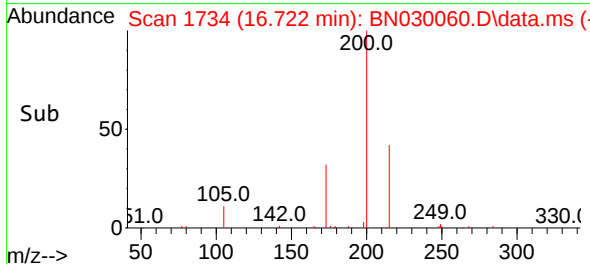
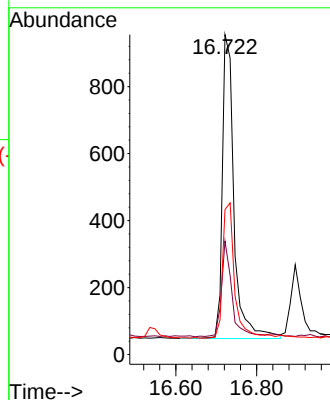
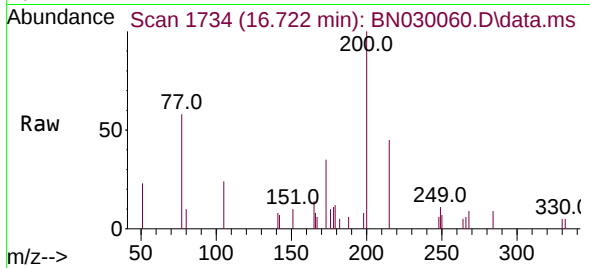




#23  
Atrazine  
Concen: 0.423 ng  
RT: 16.722 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

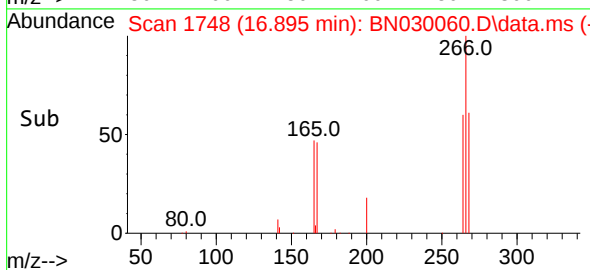
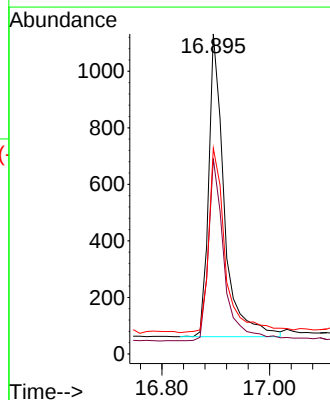
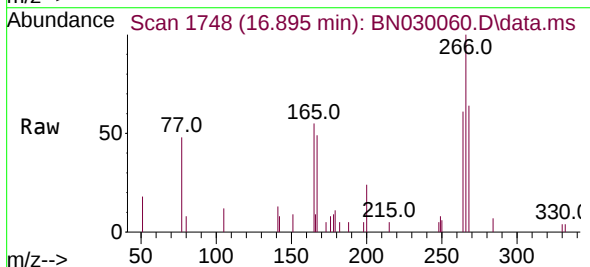
Instrument :  
BNA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MSD

Tgt Ion:200 Resp: 1816  
Ion Ratio Lower Upper  
200 100  
173 35.5 23.4 35.0#  
215 45.3 38.4 57.6



#24  
Pentachlorophenol  
Concen: 0.914 ng  
RT: 16.895 min Scan# 1748  
Delta R.T. -0.012 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

Tgt Ion:266 Resp: 2144  
Ion Ratio Lower Upper  
266 100  
264 61.9 50.8 76.2  
268 65.6 51.5 77.3

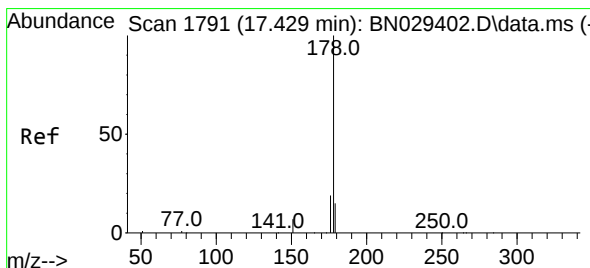
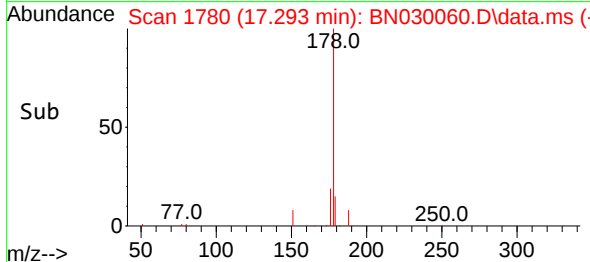
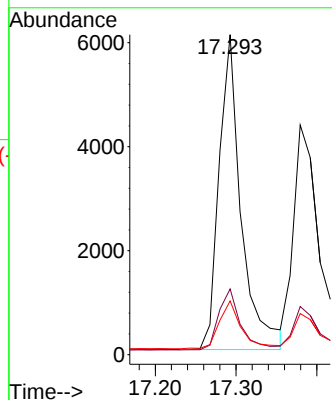
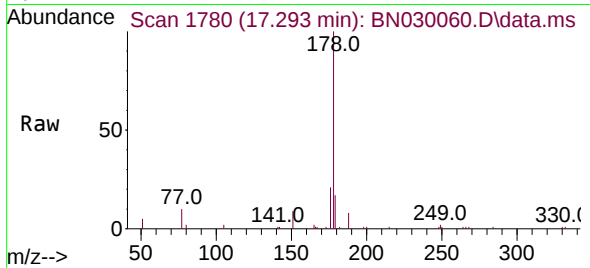




#25  
Phenanthrene  
Concen: 0.384 ng  
RT: 17.293 min Scan# 1787  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

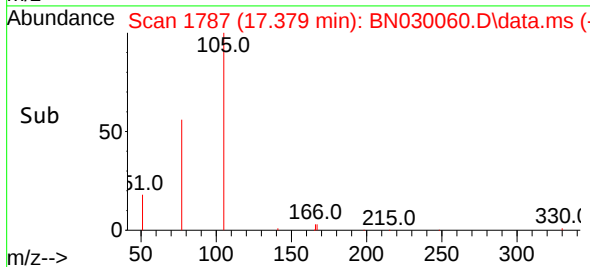
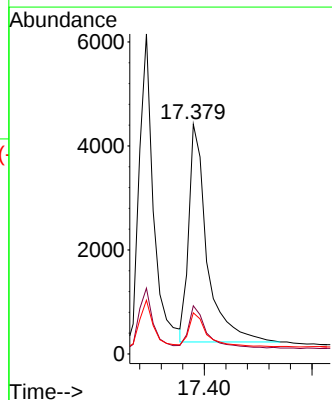
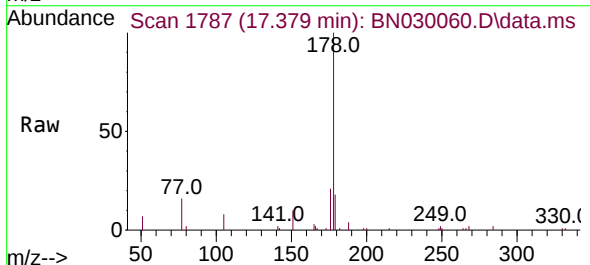
Instrument :  
BNA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MSD

Tgt Ion:178 Resp: 11514  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.8 23.6  
179 15.5 12.6 19.0



#26  
Anthracene  
Concen: 0.386 ng  
RT: 17.379 min Scan# 1787  
Delta R.T. -0.012 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

Tgt Ion:178 Resp: 9863  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.0 22.4  
179 15.0 12.3 18.5

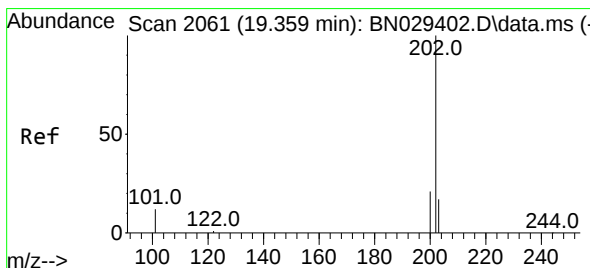
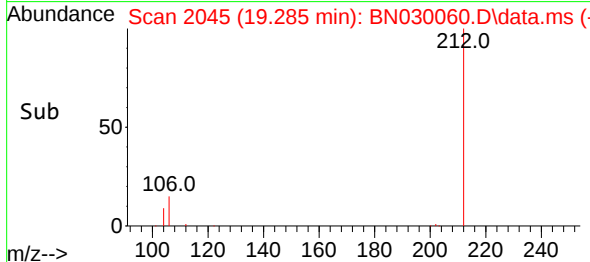
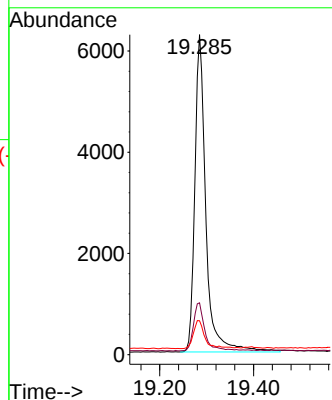
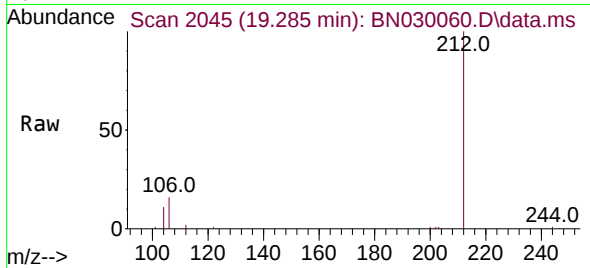




#27  
Fluoranthene-d10  
Concen: 0.417 ng  
RT: 19.285 min Scan# 2052  
Delta R.T. -0.005 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

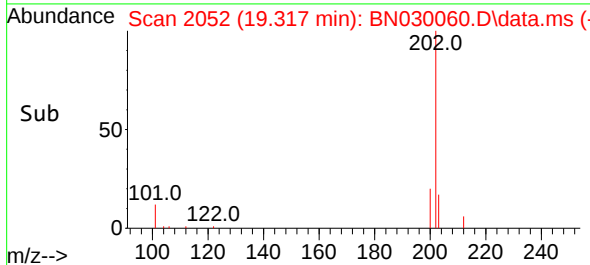
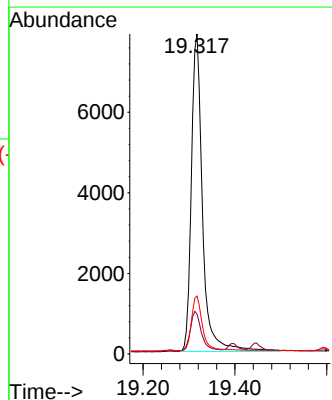
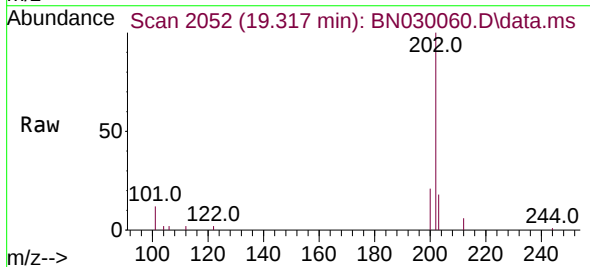
Instrument :  
BNA\_N  
ClientSampleId :  
RW10A-MW01-20240221MSD

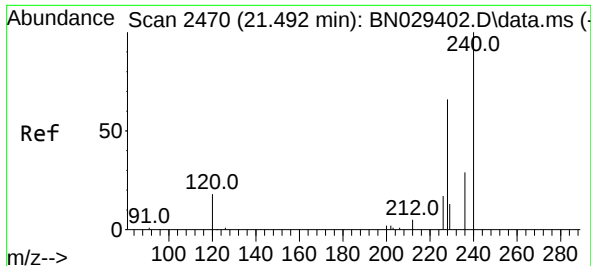
Tgt Ion:212 Resp: 10247  
Ion Ratio Lower Upper  
212 100  
106 15.7 13.2 19.8  
104 9.3 7.7 11.5



#28  
Fluoranthene  
Concen: 0.395 ng  
RT: 19.317 min Scan# 2052  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

Tgt Ion:202 Resp: 13315  
Ion Ratio Lower Upper  
202 100  
101 12.3 10.5 15.7  
203 17.2 13.5 20.3

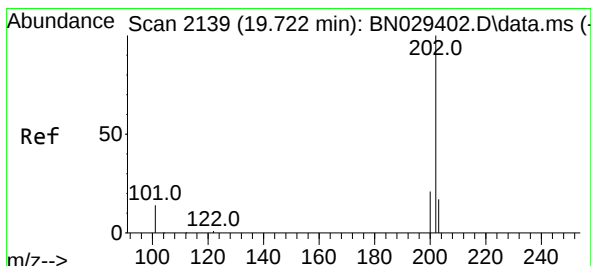
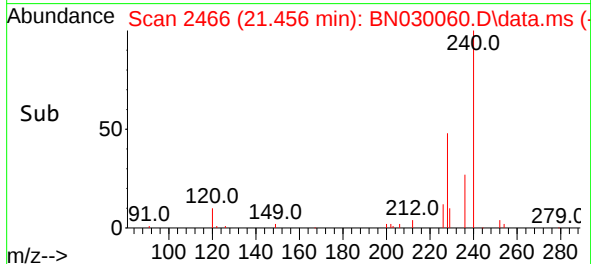
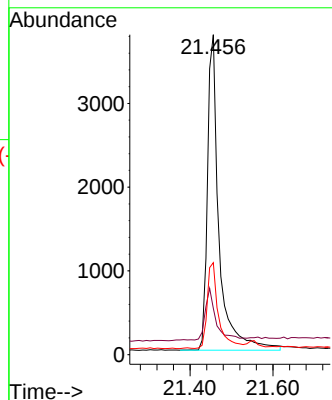
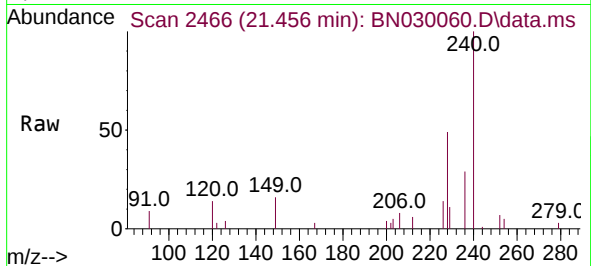




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.456 min Scan# 2466  
Delta R.T. 0.000 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

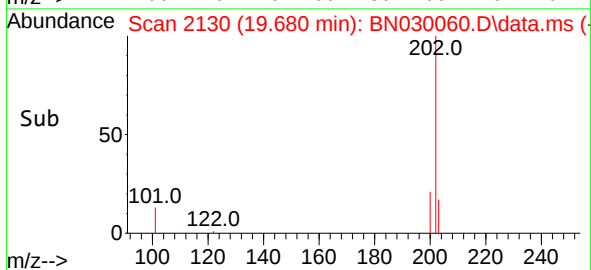
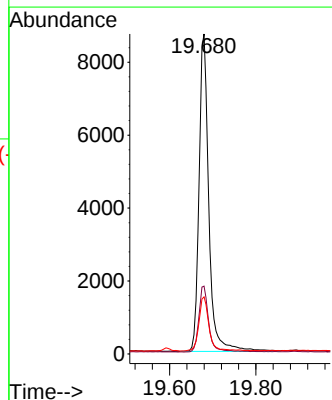
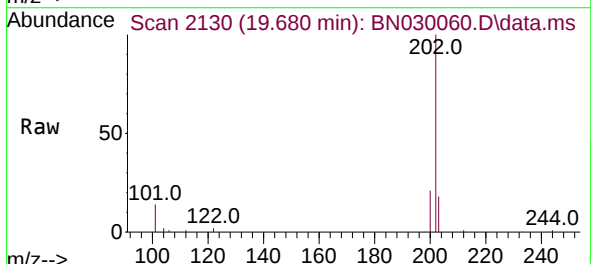
Instrument :  
BNA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MSD

Tgt Ion:240 Resp: 7304  
Ion Ratio Lower Upper  
240 100  
120 14.5 16.7 25.1#  
236 28.7 23.9 35.9



#30  
Pyrene  
Concen: 0.408 ng  
RT: 19.680 min Scan# 2130  
Delta R.T. -0.005 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

Tgt Ion:202 Resp: 13723  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.6 25.0  
203 18.0 14.2 21.4

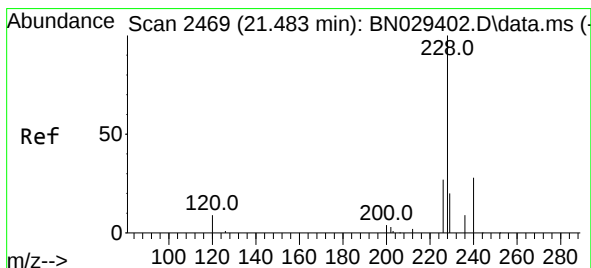
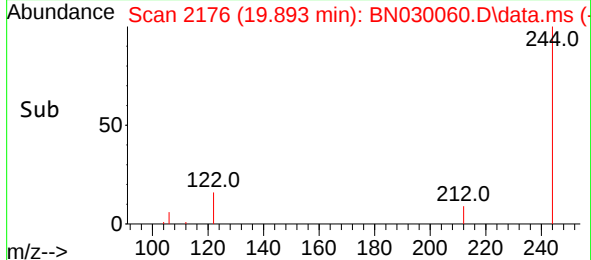
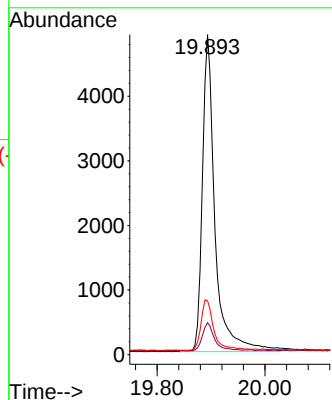
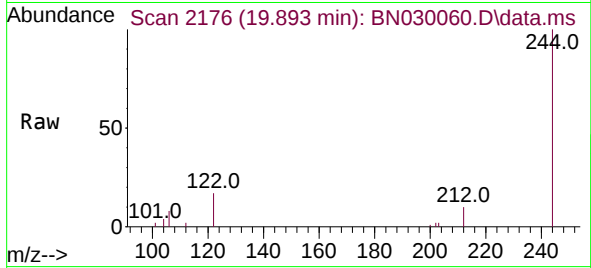




#31  
 Terphenyl-d14  
 Concen: 0.438 ng  
 RT: 19.893 min Scan# 2185  
 Delta R.T. -0.005 min  
 Lab File: BN030060.D  
 Acq: 26 Feb 2024 16:24

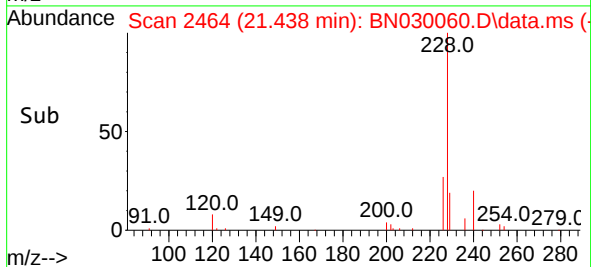
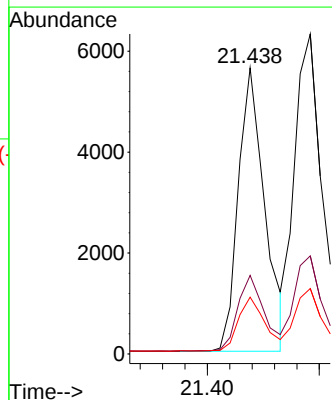
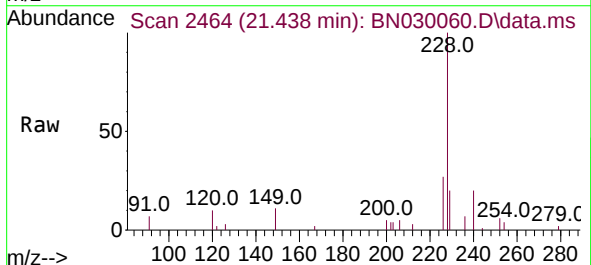
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW10A-MW01I-20240221MSD

Tgt Ion:244 Resp: 7943  
 Ion Ratio Lower Upper  
 244 100  
 212 10.0 8.2 12.4  
 122 16.9 15.6 23.4



#32  
 Benzo(a)anthracene  
 Concen: 0.369 ng  
 RT: 21.438 min Scan# 2464  
 Delta R.T. 0.000 min  
 Lab File: BN030060.D  
 Acq: 26 Feb 2024 16:24

Tgt Ion:228 Resp: 9215  
 Ion Ratio Lower Upper  
 228 100  
 226 27.5 22.2 33.4  
 229 19.8 16.5 24.7





#33

Chrysene

Concen: 0.402 ng

RT: 21.492 min Scan# 24

Delta R.T. 0.000 min

Lab File: BN030060.D

Acq: 26 Feb 2024 16:24

Instrument :

BNA\_N

ClientSampleId :

RW10A-MW01I-20240221MSD

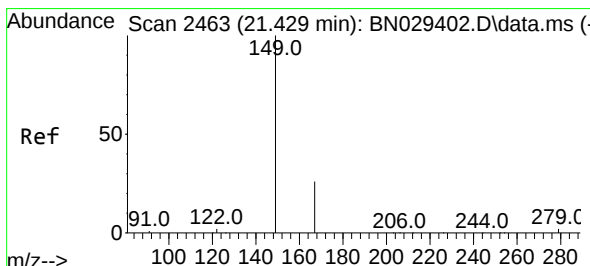
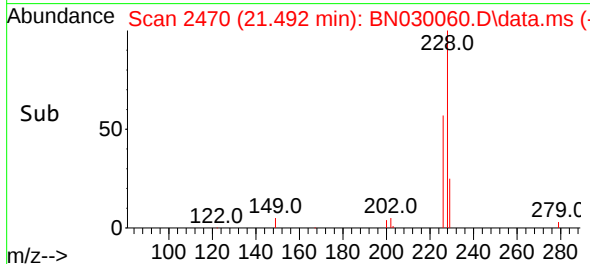
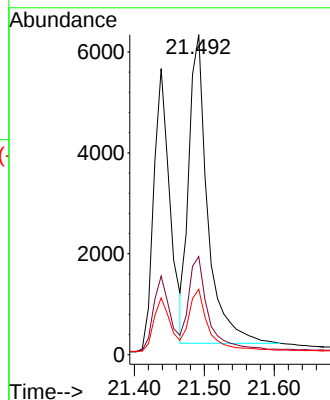
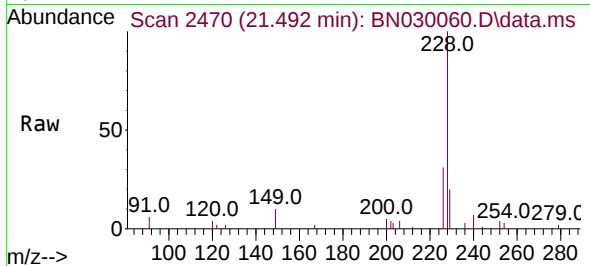
Tgt Ion:228 Resp: 11406

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

229 20.4 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.325 ng

RT: 21.375 min Scan# 2457

Delta R.T. -0.009 min

Lab File: BN030060.D

Acq: 26 Feb 2024 16:24

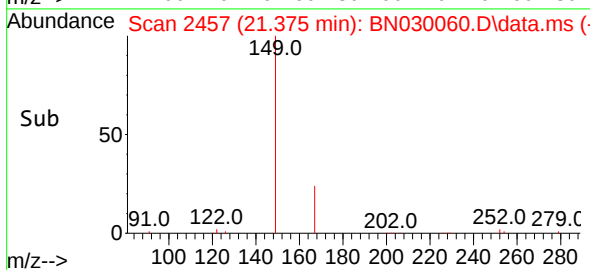
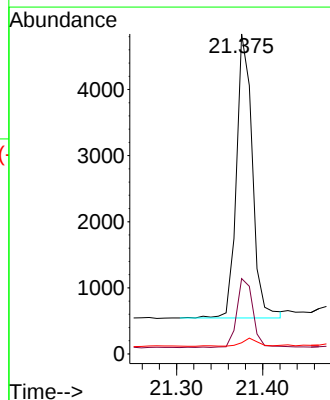
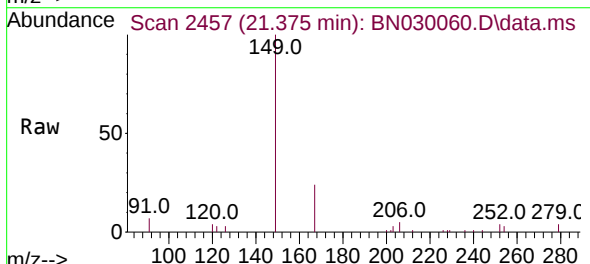
Tgt Ion:149 Resp: 5520

Ion Ratio Lower Upper

149 100

167 24.9 20.1 30.1

279 2.6 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.815 min Scan# 3078

Delta R.T. -0.006 min

Lab File: BN030060.D

Acq: 26 Feb 2024 16:24

Instrument :

BNA\_N

ClientSampleId :

RW10A-MW01I-20240221MSD

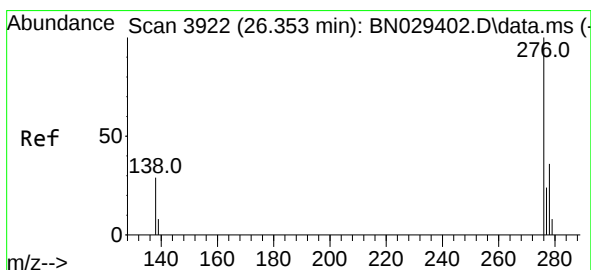
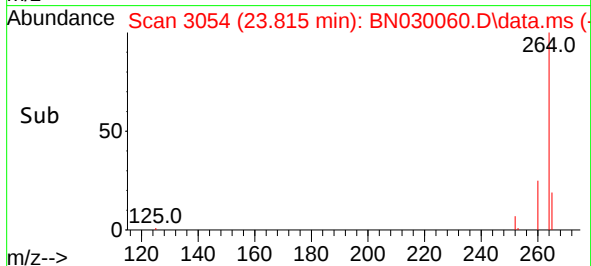
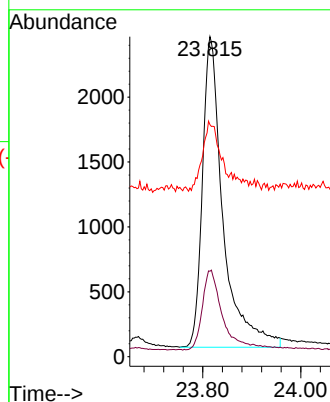
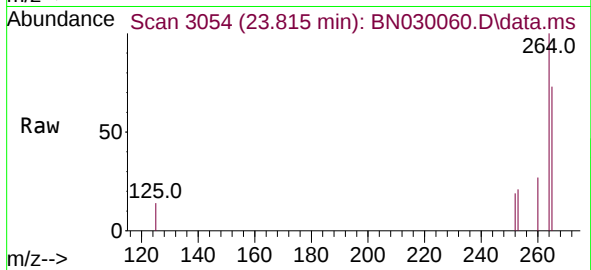
Tgt Ion:264 Resp: 6982

Ion Ratio Lower Upper

264 100

260 26.7 21.2 31.8

265 72.5 41.5 62.3#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.358 ng

RT: 26.262 min Scan# 3891

Delta R.T. -0.006 min

Lab File: BN030060.D

Acq: 26 Feb 2024 16:24

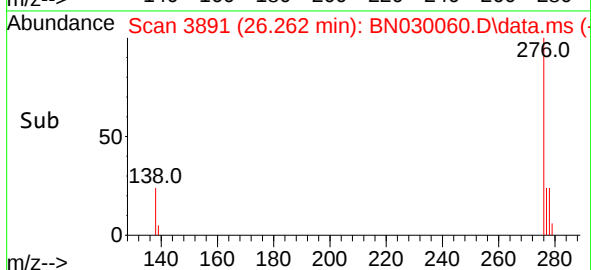
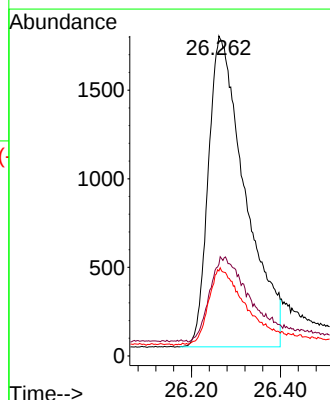
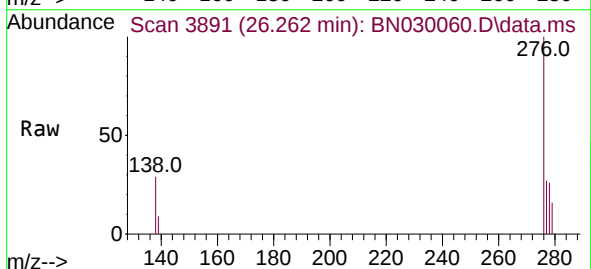
Tgt Ion:276 Resp: 10060

Ion Ratio Lower Upper

276 100

138 10.1 20.5 30.7#

277 24.6 17.0 25.4





#37

Benzo(b)fluoranthene

Concen: 0.372 ng

RT: 23.098 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BN030060.D

Acq: 26 Feb 2024 16:24

Instrument :

BNA\_N

ClientSampleId :

RW10A-MW01I-20240221MSD

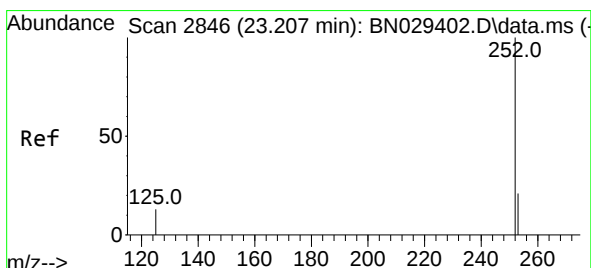
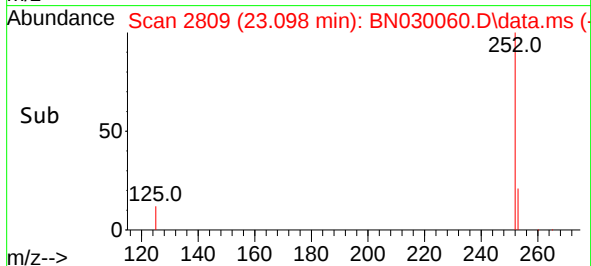
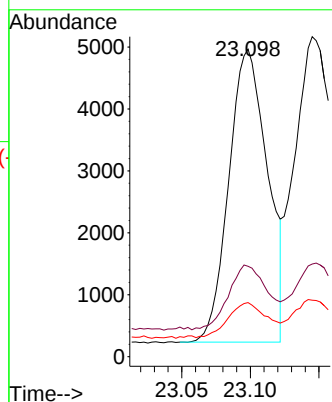
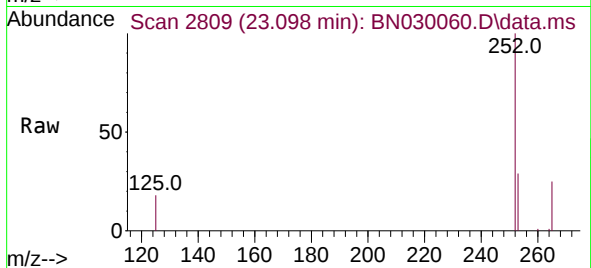
Tgt Ion:252 Resp: 9276

Ion Ratio Lower Upper

252 100

253 29.4 21.7 32.5

125 17.6 13.3 19.9



#38

Benzo(k)fluoranthene

Concen: 0.392 ng

RT: 23.145 min Scan# 2825

Delta R.T. -0.003 min

Lab File: BN030060.D

Acq: 26 Feb 2024 16:24

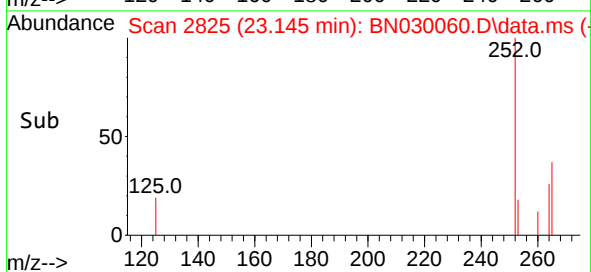
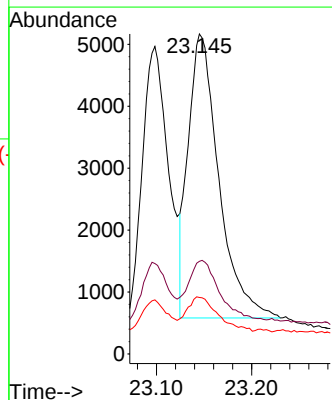
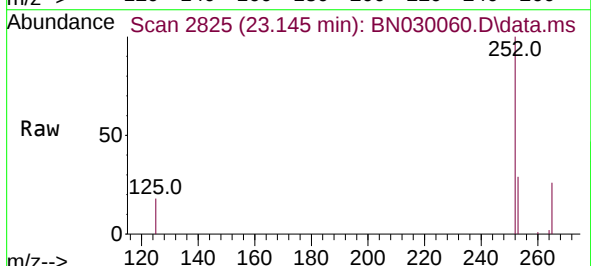
Tgt Ion:252 Resp: 10242

Ion Ratio Lower Upper

252 100

253 29.0 21.8 32.8

125 17.7 13.9 20.9

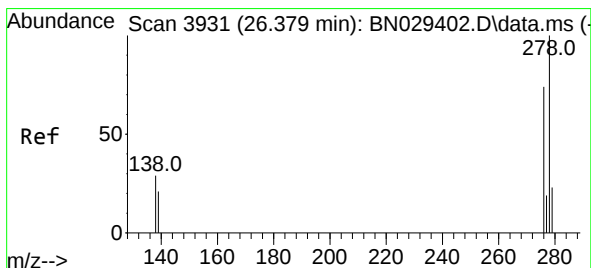
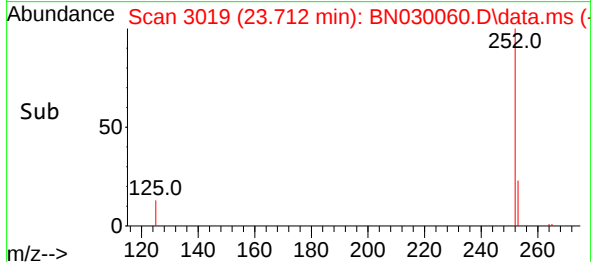
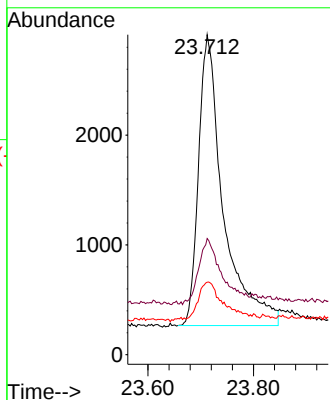
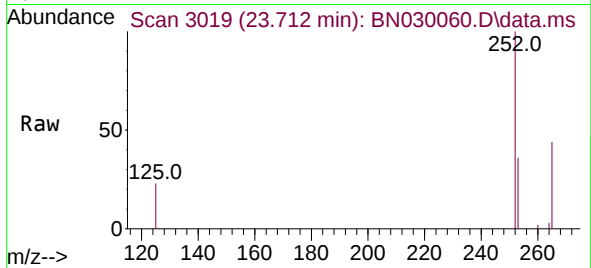




#39  
Benzo(a)pyrene  
Concen: 0.397 ng  
RT: 23.712 min Scan# 3041  
Delta R.T. -0.003 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

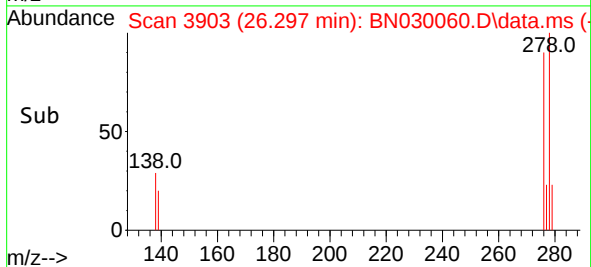
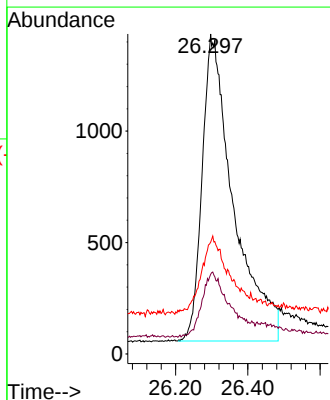
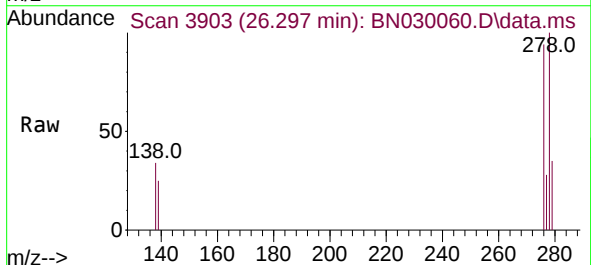
Instrument :  
BNA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MSD

Tgt Ion:252 Resp: 8639  
Ion Ratio Lower Upper  
252 100  
253 36.3 24.9 37.3  
125 22.6 16.6 25.0



#40  
Dibenzo(a,h)anthracene  
Concen: 0.372 ng  
RT: 26.297 min Scan# 3903  
Delta R.T. -0.006 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

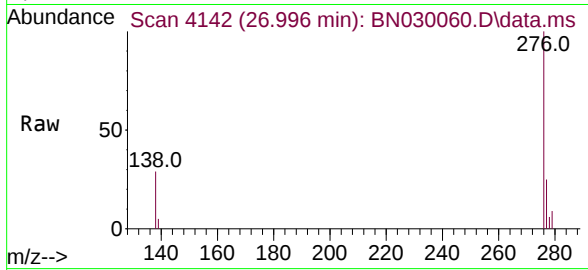
Tgt Ion:278 Resp: 8307  
Ion Ratio Lower Upper  
278 100  
139 24.9 20.4 30.6  
279 35.0 25.0 37.6





#41  
Benzo(g,h,i)perylene  
Concen: 0.356 ng  
RT: 26.996 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: BN030060.D  
Acq: 26 Feb 2024 16:24

Instrument :  
BNA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MSD



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 9679  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.9  | 19.4  | 29.2  |
| 138      | 29.0  | 23.5  | 35.3  |

