

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120222\  
 Data File : BN023048.D  
 Acq On : 02 Dec 2022 15:52  
 Operator : CG/JU  
 Sample : PB149383BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB149383BS

Quant Time: Dec 05 00:33:48 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 02 02:30:10 2022  
 Response via : Initial Calibration

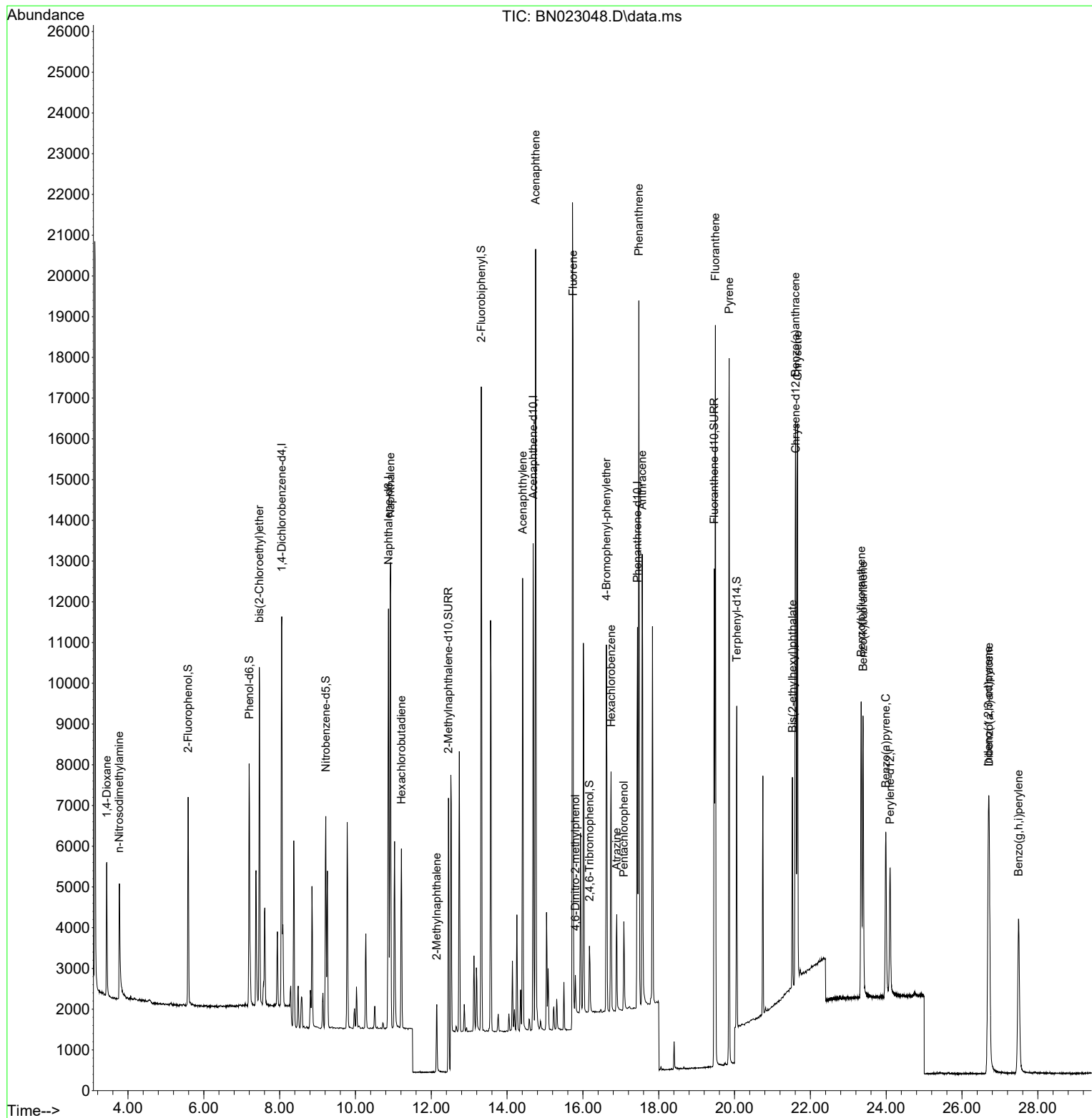
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.057  | 152  | 4648     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.872 | 136  | 12682    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.688 | 164  | 6472     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.439 | 188  | 12619    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.616 | 240  | 6836     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.100 | 264  | 4718     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.587  | 112  | 3987     | 0.330 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.197  | 99   | 5209     | 0.339 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.217  | 82   | 3946     | 0.401 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.454 | 152  | 11873    | 0.432 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.173 | 330  | 979      | 0.313 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.319 | 172  | 12498    | 0.422 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.465 | 212  | 12867    | 0.375 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.058 | 244  | 6508     | 0.405 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.442  | 88   | 2144     | 0.363 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.767  | 42   | 2122     | 0.334 | ng    | 89       |
| 6) bis(2-Chloroethyl)ether    | 7.464  | 93   | 5906     | 0.409 | ng    | 98       |
| 9) Naphthalene                | 10.925 | 128  | 15439    | 0.395 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.214 | 225  | 3292     | 0.411 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.144 | 142  | 2381     | 0.299 | ng    | # 97     |
| 16) Acenaphthylene            | 14.410 | 152  | 12002    | 0.350 | ng    | 99       |
| 17) Acenaphthene              | 14.752 | 154  | 9025     | 0.400 | ng    | 99       |
| 18) Fluorene                  | 15.739 | 166  | 10716    | 0.371 | ng    | 96       |
| 20) 4,6-Dinitro-2-methylph... | 15.801 | 198  | 611      | 0.433 | ng    | 88       |
| 21) 4-Bromophenyl-phenylether | 16.620 | 248  | 3454     | 0.379 | ng    | # 86     |
| 22) Hexachlorobenzene         | 16.744 | 284  | 4660     | 0.419 | ng    | 95       |
| 23) Atrazine                  | 16.893 | 200  | 2023     | 0.315 | ng    | # 92     |
| 24) Pentachlorophenol         | 17.079 | 266  | 1071     | 0.352 | ng    | 98       |
| 25) Phenanthrene              | 17.477 | 178  | 17047    | 0.389 | ng    | 100      |
| 26) Anthracene                | 17.563 | 178  | 12996    | 0.341 | ng    | 100      |
| 28) Fluoranthene              | 19.494 | 202  | 15797    | 0.339 | ng    | 99       |
| 30) Pyrene                    | 19.857 | 202  | 14999    | 0.421 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.607 | 228  | 10170    | 0.368 | ng    | 98       |
| 33) Chrysene                  | 21.661 | 228  | 11882    | 0.415 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.527 | 149  | 4623     | 0.417 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.696 | 276  | 9726     | 0.497 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 23.340 | 252  | 9688     | 0.460 | ng    | # 91     |
| 38) Benzo(k)fluoranthene      | 23.390 | 252  | 9366     | 0.411 | ng    | # 92     |
| 39) Benzo(a)pyrene            | 23.989 | 252  | 6582     | 0.409 | ng    | # 84     |
| 40) Dibenzo(a,h)anthracene    | 26.714 | 278  | 7657     | 0.493 | ng    | 94       |
| 41) Benzo(g,h,i)perylene      | 27.494 | 276  | 8512     | 0.508 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

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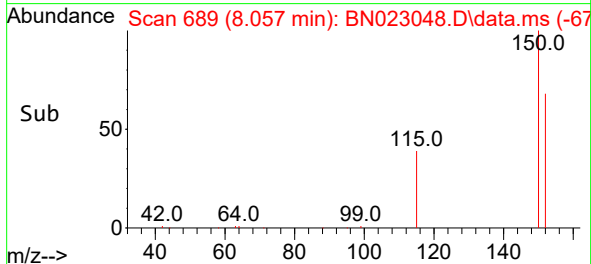
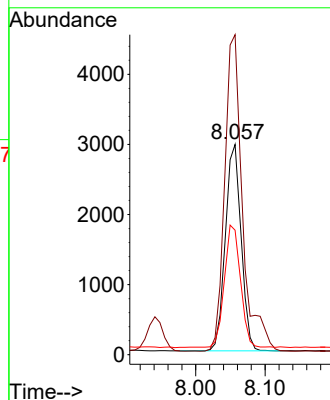
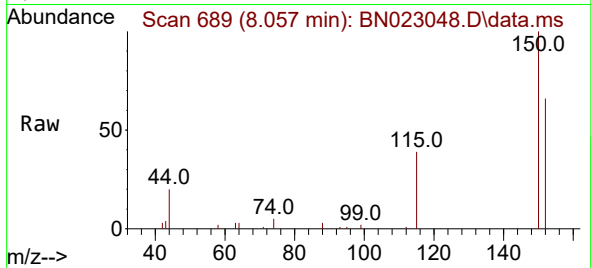




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.057 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

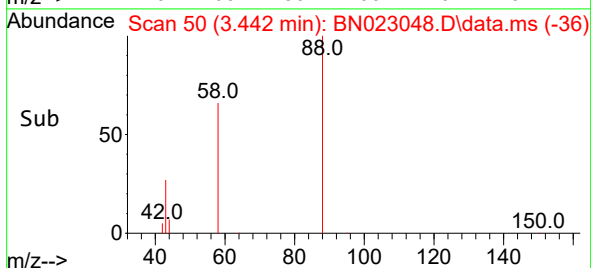
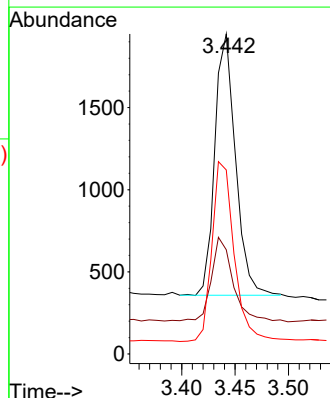
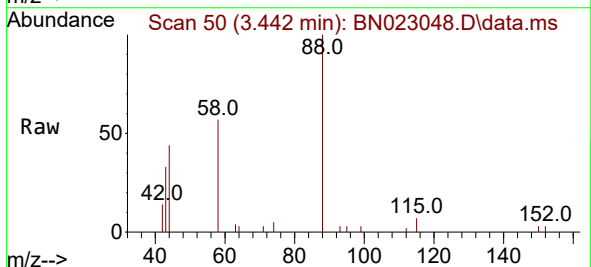
Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS

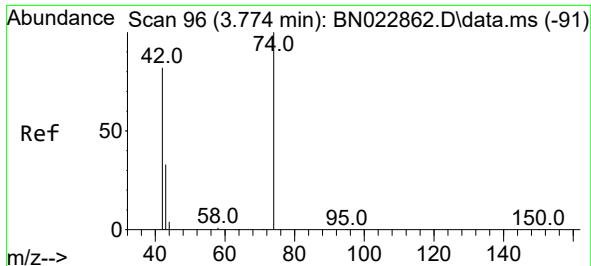
Tgt Ion:152 Resp: 4648  
Ion Ratio Lower Upper  
152 100  
150 152.2 121.2 181.8  
115 59.2 46.2 69.4



#2  
1,4-Dioxane  
Concen: 0.363 ng  
RT: 3.442 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Tgt Ion: 88 Resp: 2144  
Ion Ratio Lower Upper  
88 100  
43 32.8 25.4 38.2  
58 73.8 56.5 84.7

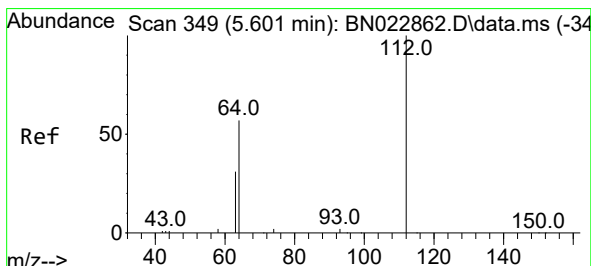
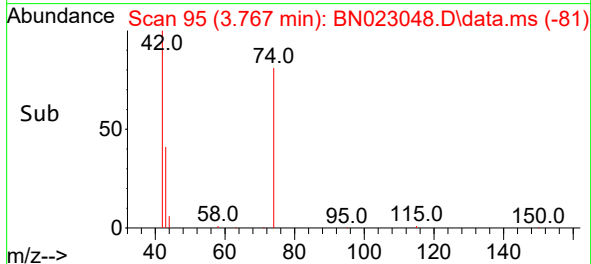
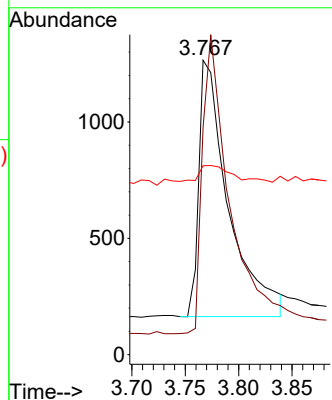
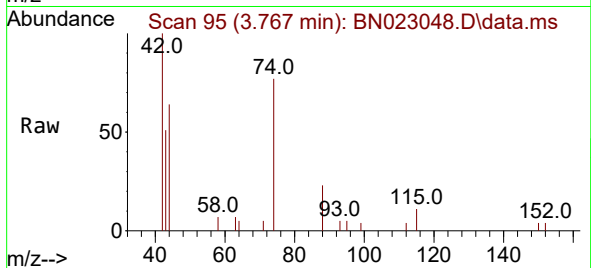




#3  
 n-Nitrosodimethylamine  
 Concen: 0.334 ng  
 RT: 3.767 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: BN023048.D  
 Acq: 02 Dec 2022 15:52

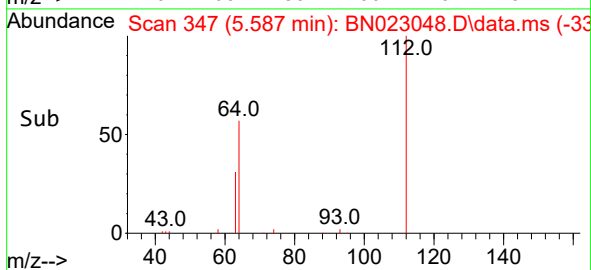
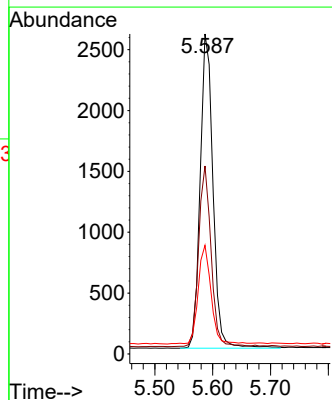
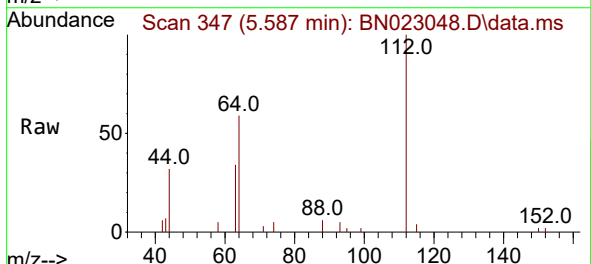
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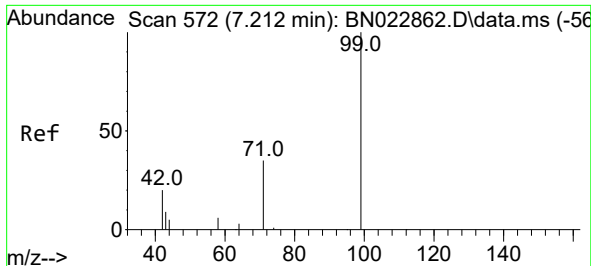
Tgt Ion: 42 Resp: 2122  
 Ion Ratio Lower Upper  
 42 100  
 74 110.8 99.3 148.9  
 44 7.6 5.4 8.2



#4  
 2-Fluorophenol  
 Concen: 0.330 ng  
 RT: 5.587 min Scan# 347  
 Delta R.T. -0.007 min  
 Lab File: BN023048.D  
 Acq: 02 Dec 2022 15:52

Tgt Ion: 112 Resp: 3987  
 Ion Ratio Lower Upper  
 112 100  
 64 55.9 43.4 65.2  
 63 31.7 23.4 35.2

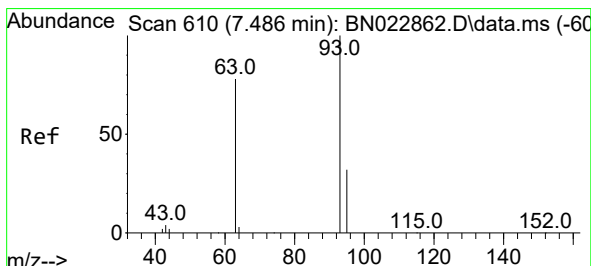
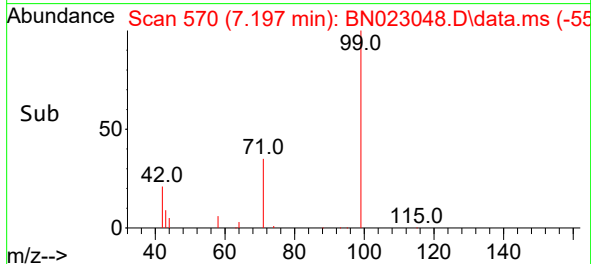
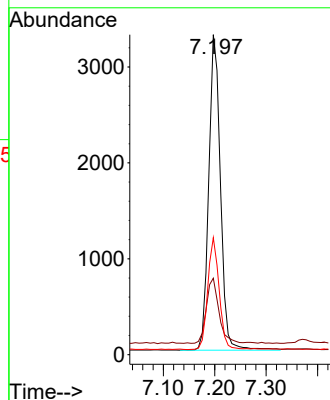
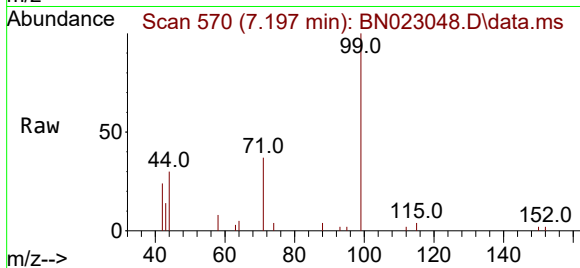




#5  
Phenol-d6  
Concen: 0.339 ng  
RT: 7.197 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

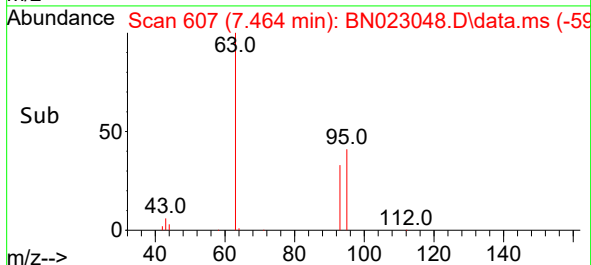
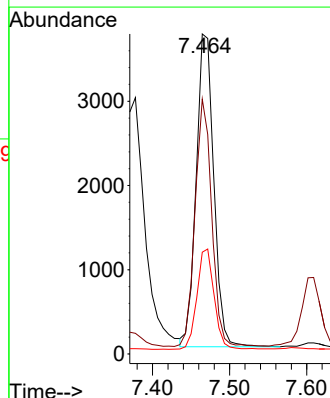
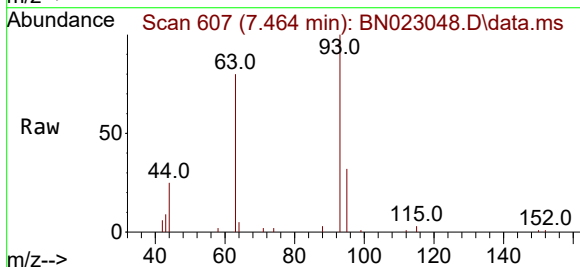
Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS

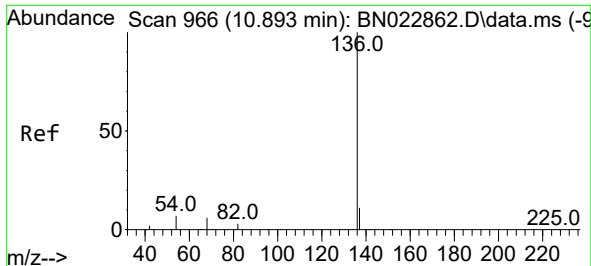
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 5209  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.1  | 16.0  | 24.0  |
| 71       | 34.9  | 26.8  | 40.2  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.409 ng  
RT: 7.464 min Scan# 607  
Delta R.T. -0.007 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 5906  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 74.5  | 58.3  | 87.5  |
| 95       | 31.3  | 25.8  | 38.6  |

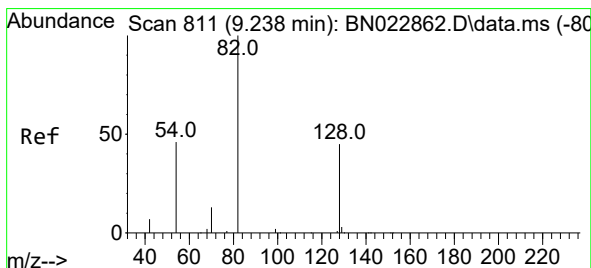
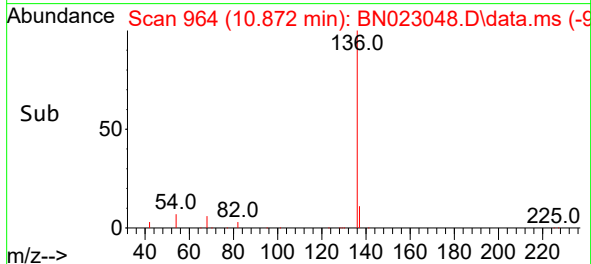
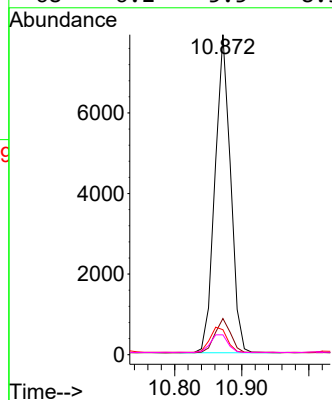
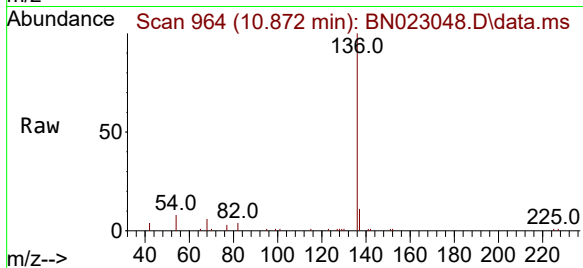




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.872 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

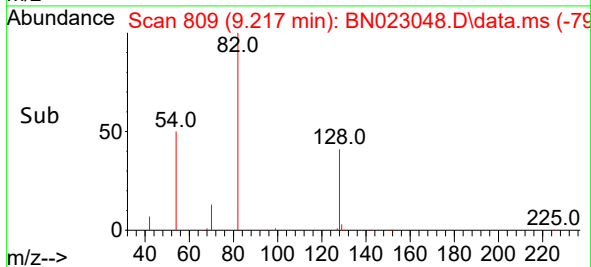
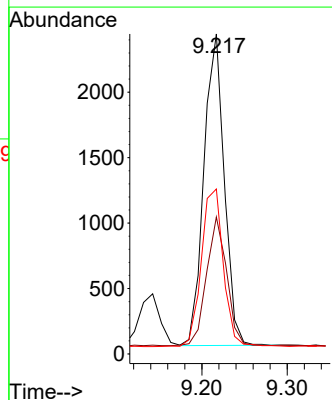
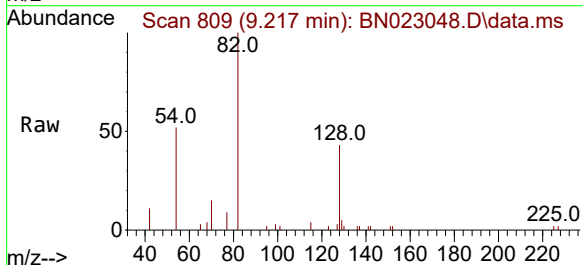
Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS

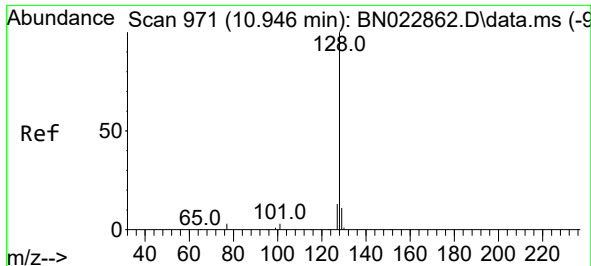
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 12682 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 9.0   | 13.4  |
| 54        | 7.8   | 6.6   | 9.8   |
| 68        | 6.2   | 5.5   | 8.3   |



#8  
Nitrobenzene-d5  
Concen: 0.401 ng  
RT: 9.217 min Scan# 809  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3946 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 42.8  | 36.6  | 54.8 |
| 54        | 51.5  | 38.5  | 57.7 |

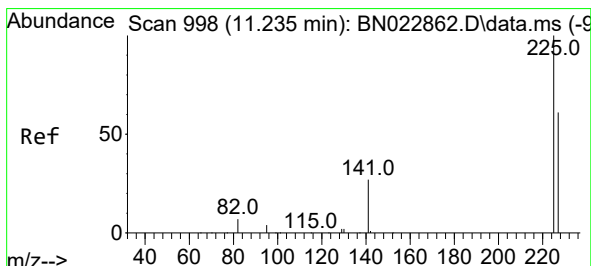
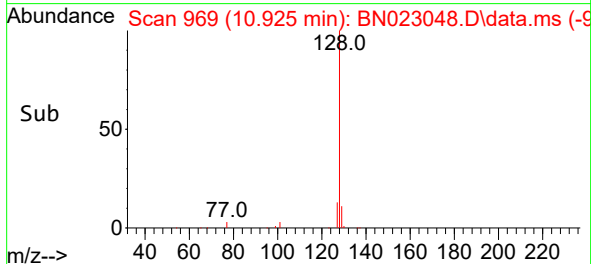
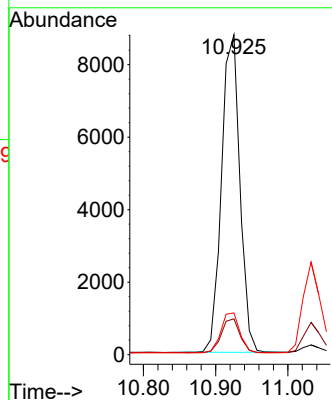
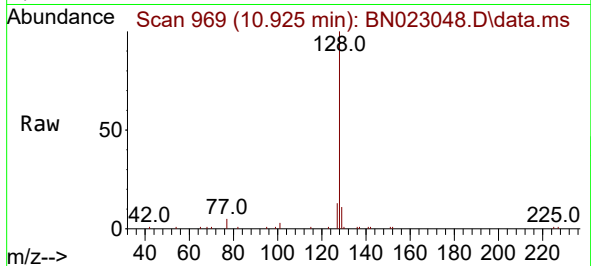




#9  
Naphthalene  
Concen: 0.395 ng  
RT: 10.925 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

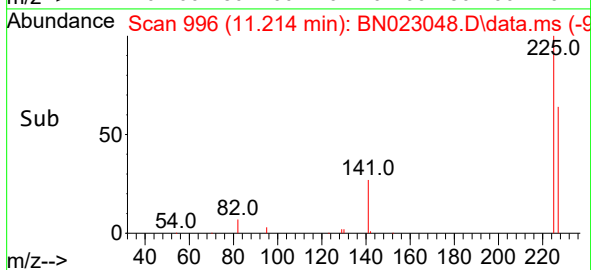
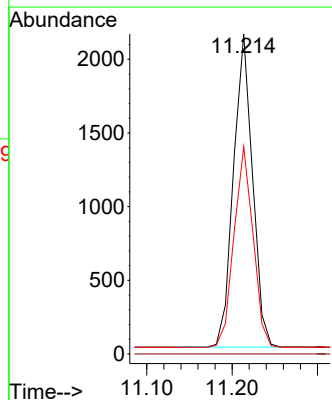
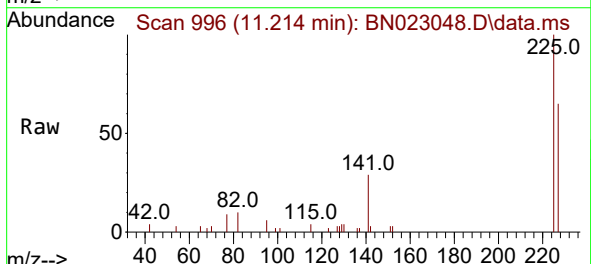
Instrument :  
BNA\_N  
ClientSampleId :  
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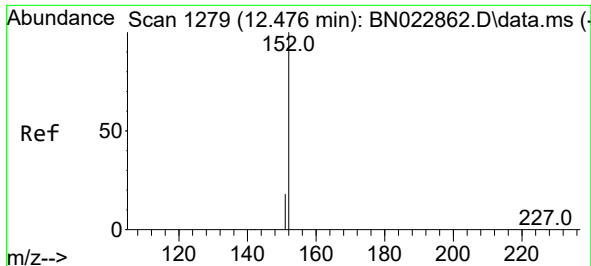
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Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.4  
127 13.0 10.8 16.2



#10  
Hexachlorobutadiene  
Concen: 0.411 ng  
RT: 11.214 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Tgt Ion:225 Resp: 3292  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.4 50.8 76.2

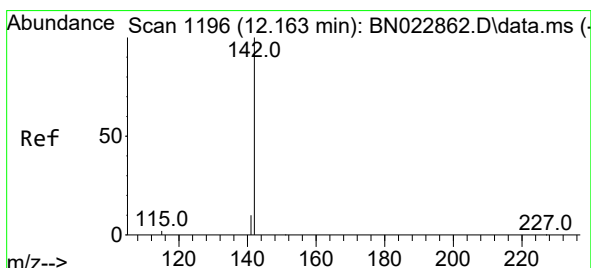
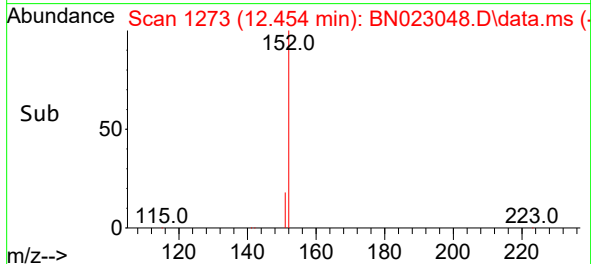
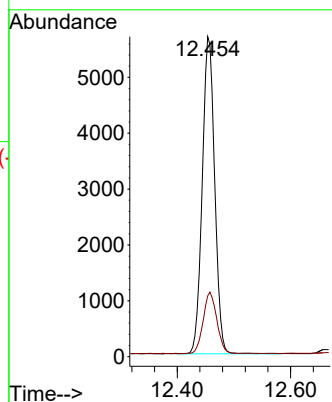
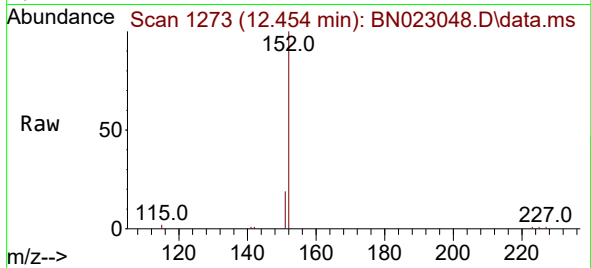




#11  
2-Methylnaphthalene-d10  
Concen: 0.432 ng  
RT: 12.454 min Scan# 1191  
Delta R.T. -0.004 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

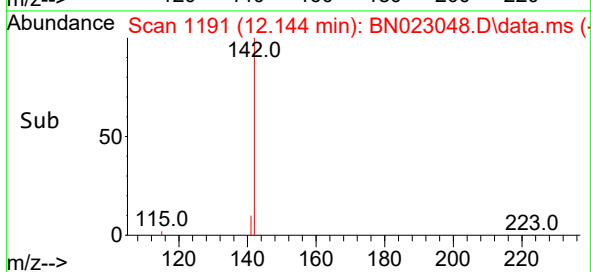
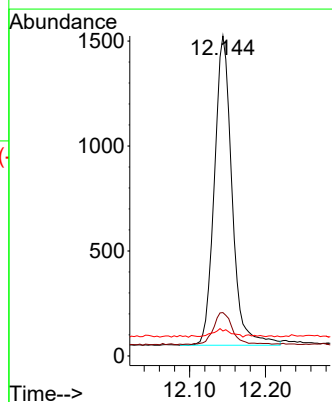
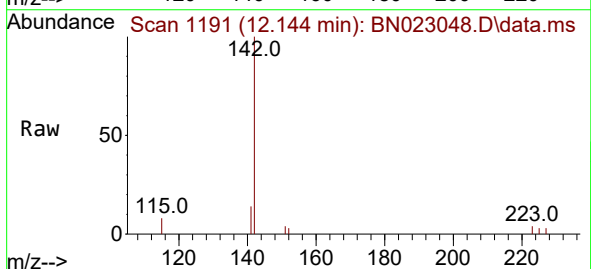
Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS

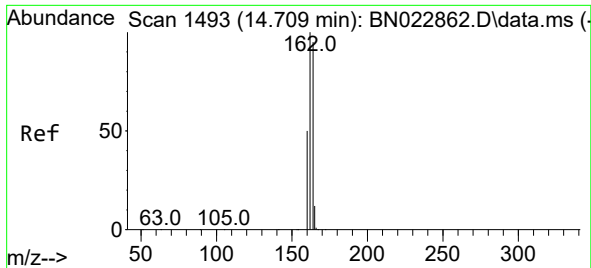
Tgt Ion:152 Resp: 11873  
Ion Ratio Lower Upper  
152 100  
151 19.2 18.6 27.8



#12  
2-Methylnaphthalene  
Concen: 0.299 ng  
RT: 12.144 min Scan# 1191  
Delta R.T. -0.004 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Tgt Ion:142 Resp: 2381  
Ion Ratio Lower Upper  
142 100  
141 13.5 10.1 15.1  
115 7.8 4.6 7.0#

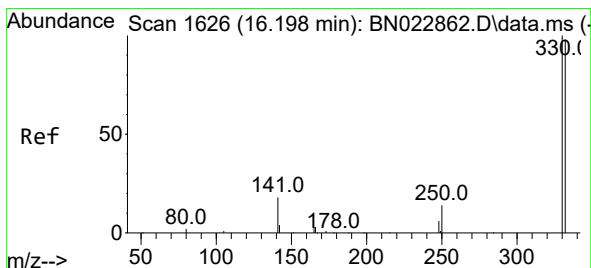
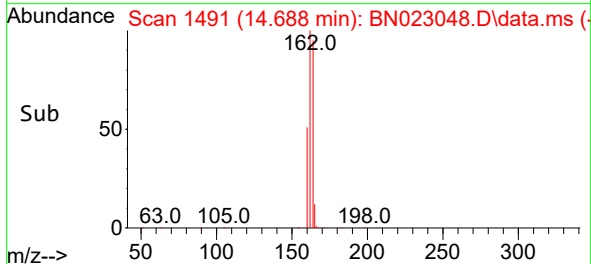
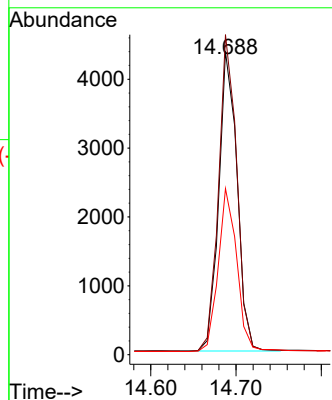
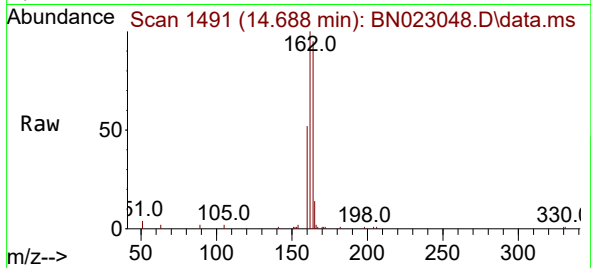




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.688 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

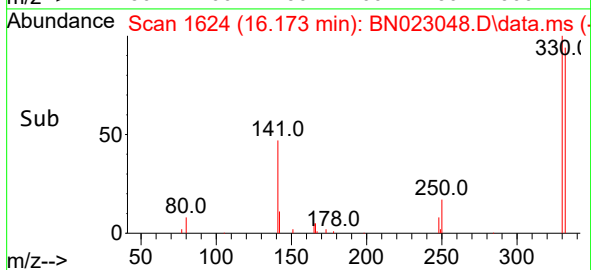
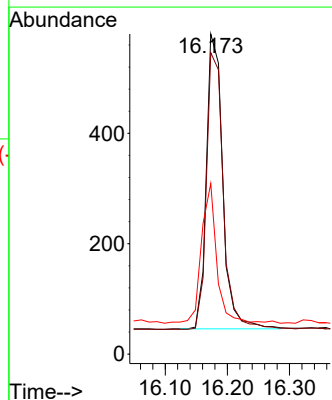
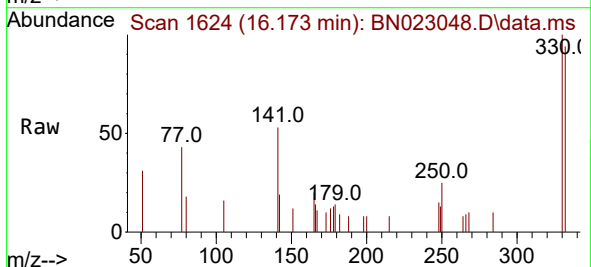
Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS

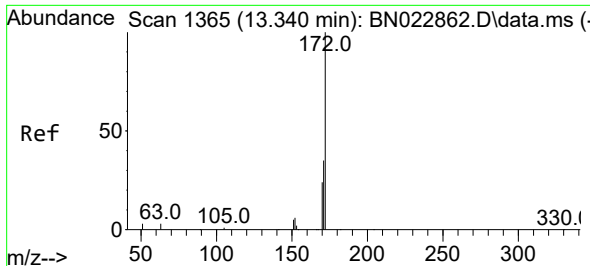
Tgt Ion:164 Resp: 6472  
Ion Ratio Lower Upper  
164 100  
162 105.6 84.2 126.4  
160 54.8 42.5 63.7



#14  
2,4,6-Tribromophenol  
Concen: 0.313 ng  
RT: 16.173 min Scan# 1624  
Delta R.T. -0.012 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Tgt Ion:330 Resp: 979  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.5 114.7  
141 44.2 32.6 48.8

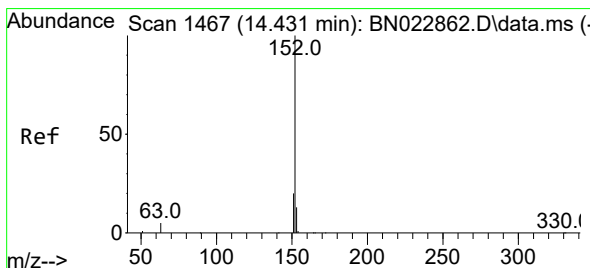
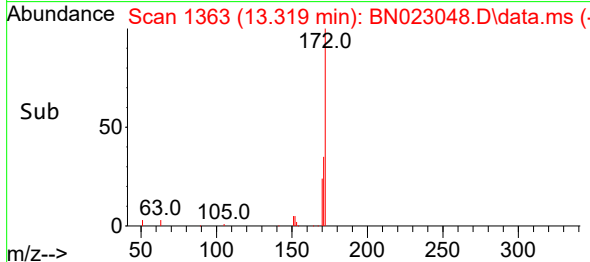
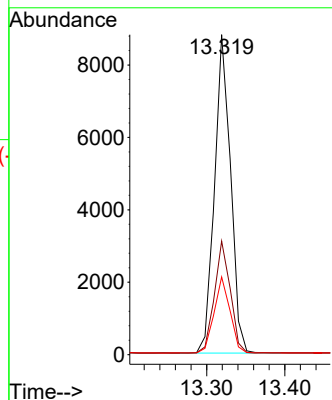
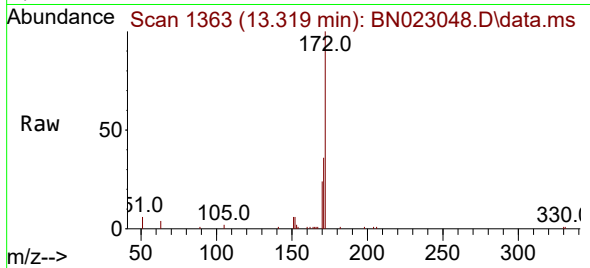




#15  
2-Fluorobiphenyl  
Concen: 0.422 ng  
RT: 13.319 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

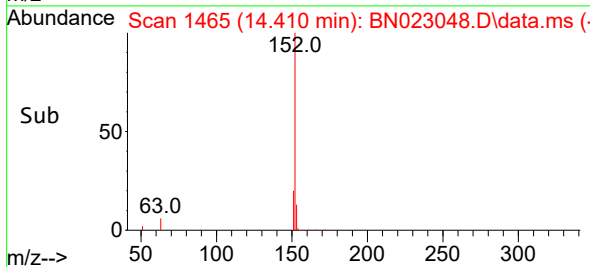
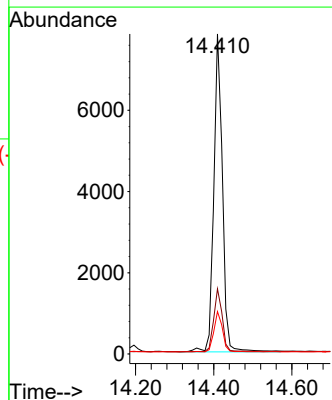
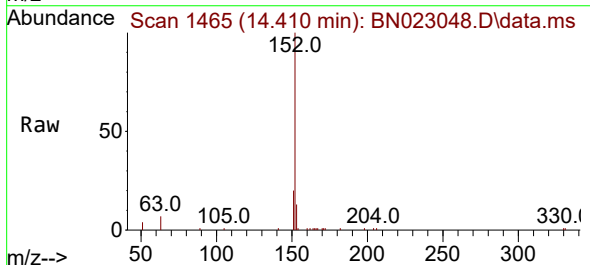
Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS

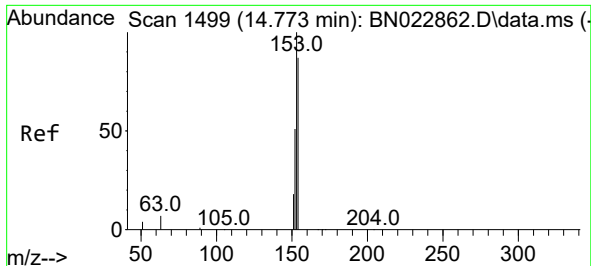
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 12498 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.5  | 28.2  | 42.4  |
| 170       | 24.3  | 19.3  | 28.9  |



#16  
Acenaphthylene  
Concen: 0.350 ng  
RT: 14.410 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 12002 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.8  | 16.1  | 24.1  |
| 153       | 12.8  | 10.5  | 15.7  |

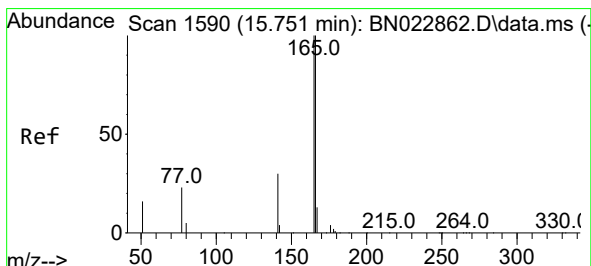
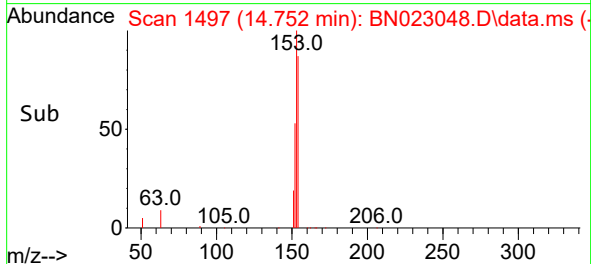
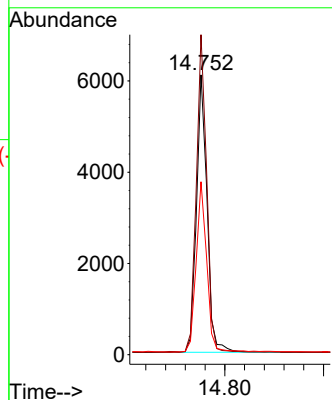
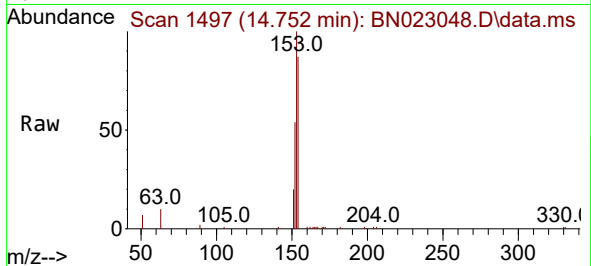




#17  
Acenaphthene  
Concen: 0.400 ng  
RT: 14.752 min Scan# 1497  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

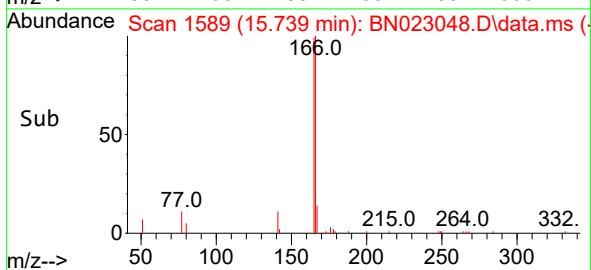
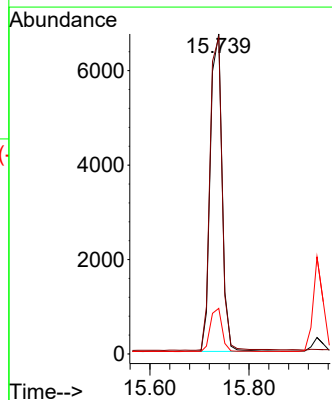
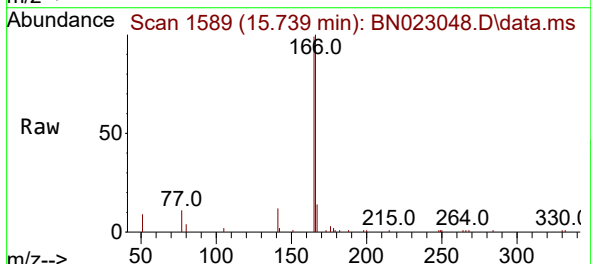
Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS

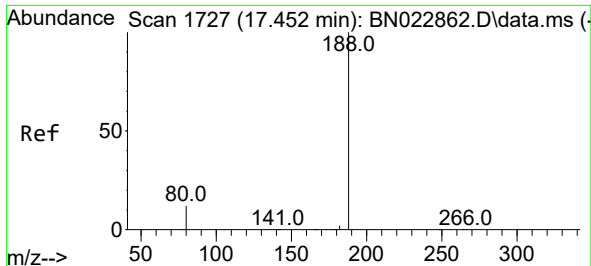
Tgt Ion:154 Resp: 9025  
Ion Ratio Lower Upper  
154 100  
153 112.4 90.0 135.0  
152 61.5 47.0 70.6



#18  
Fluorene  
Concen: 0.371 ng  
RT: 15.739 min Scan# 1589  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Tgt Ion:166 Resp: 10716  
Ion Ratio Lower Upper  
166 100  
165 103.2 79.4 119.0  
167 13.7 10.7 16.1

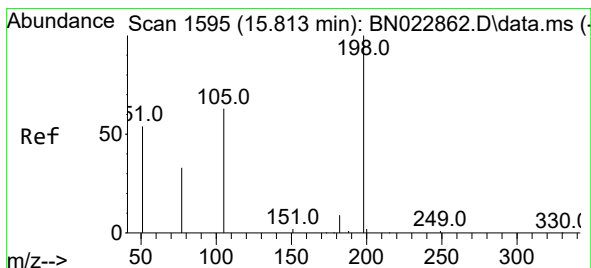
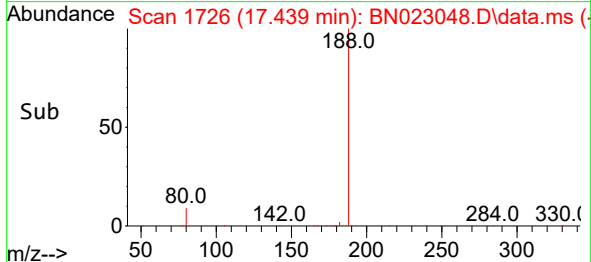
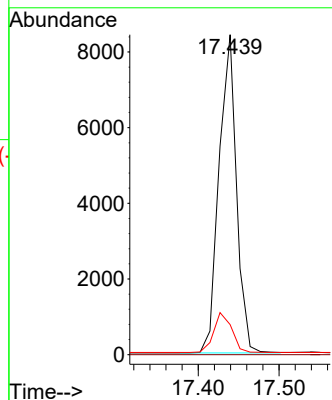
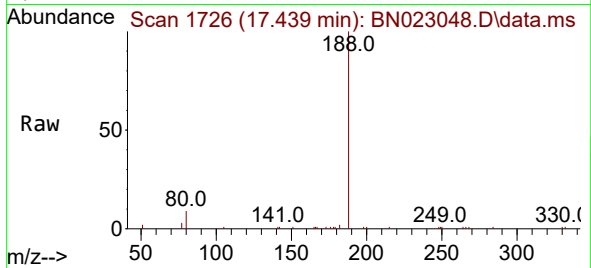




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.439 min Scan# 1726  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

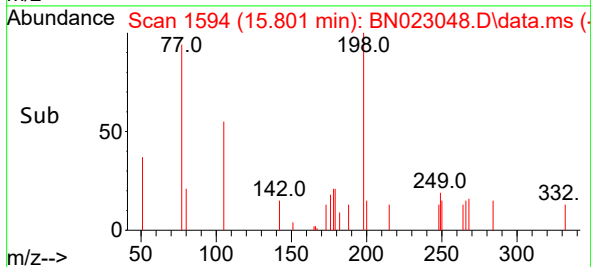
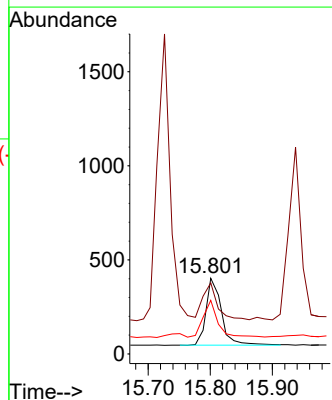
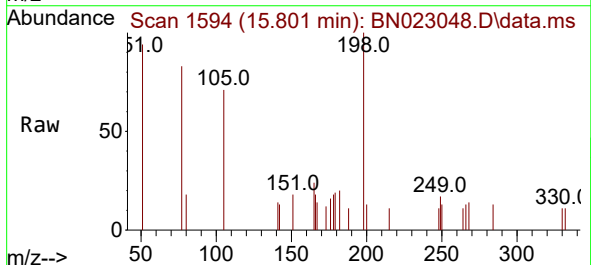
Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS

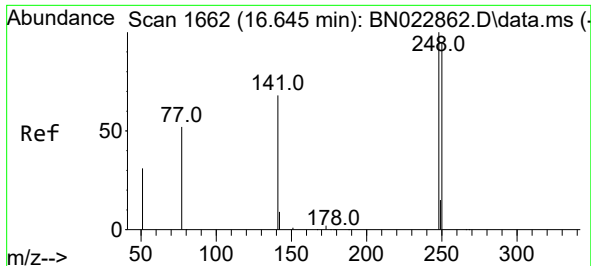
Tgt Ion:188 Resp: 12619  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.4 10.3 15.5#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.433 ng  
RT: 15.801 min Scan# 1594  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Tgt Ion:198 Resp: 611  
Ion Ratio Lower Upper  
198 100  
51 94.0 80.5 120.7  
105 70.9 70.5 105.7

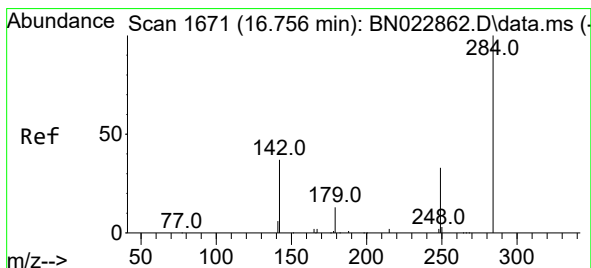
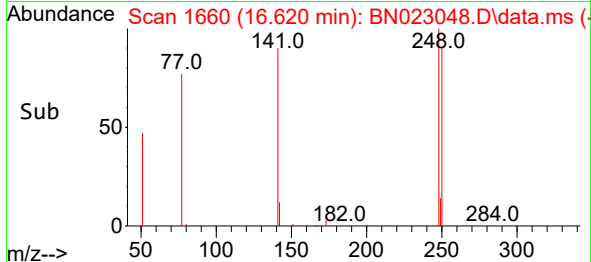
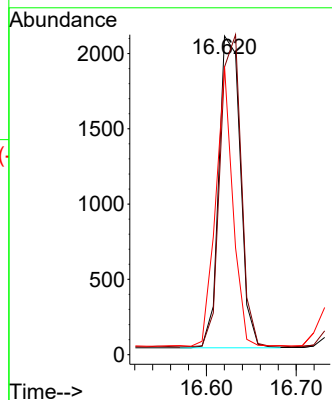
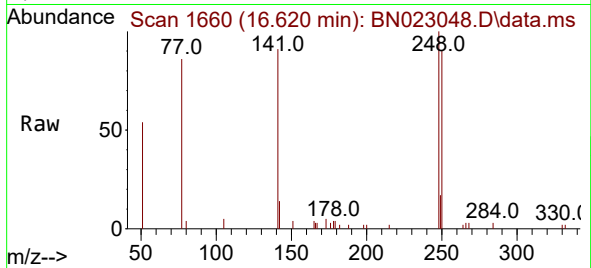




#21  
4-Bromophenyl-phenylether  
Concen: 0.379 ng  
RT: 16.620 min Scan# 1660  
Delta R.T. -0.012 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

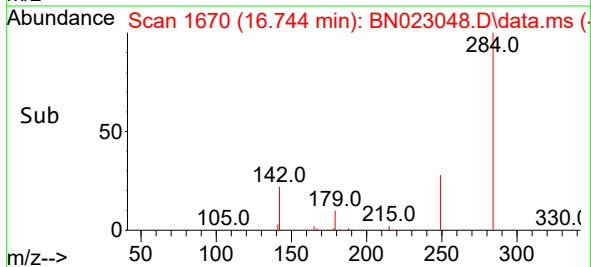
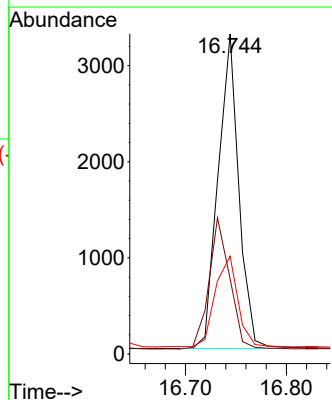
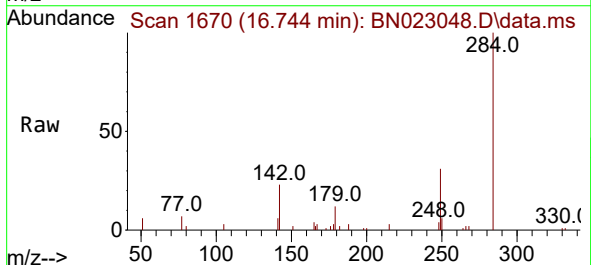
Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS

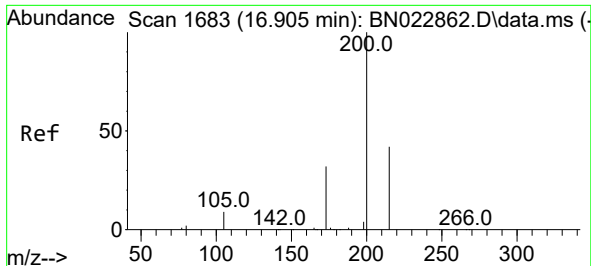
Tgt Ion:248 Resp: 3454  
Ion Ratio Lower Upper  
248 100  
250 90.2 75.8 113.6  
141 90.6 55.4 83.0#



#22  
Hexachlorobenzene  
Concen: 0.419 ng  
RT: 16.744 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Tgt Ion:284 Resp: 4660  
Ion Ratio Lower Upper  
284 100  
142 41.8 30.1 45.1  
249 31.6 24.5 36.7

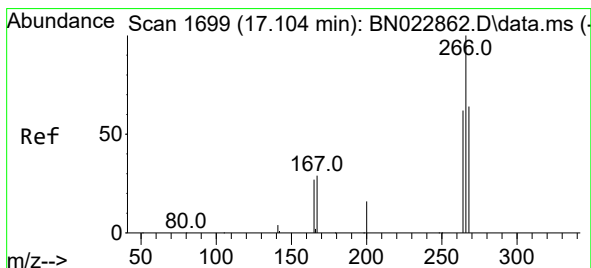
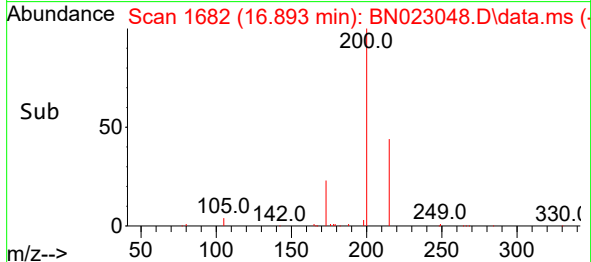
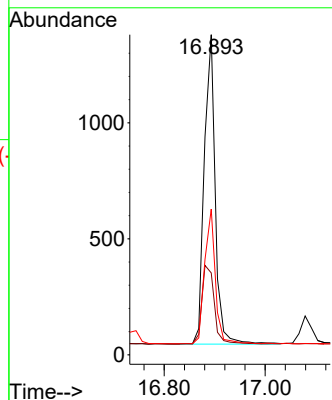
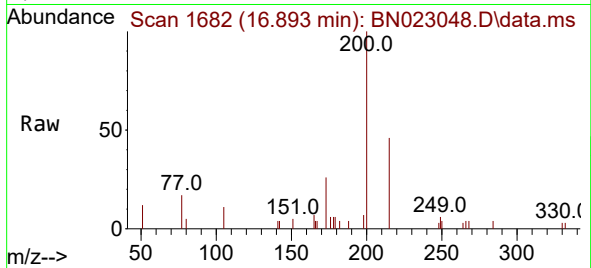




#23  
Atrazine  
Concen: 0.315 ng  
RT: 16.893 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

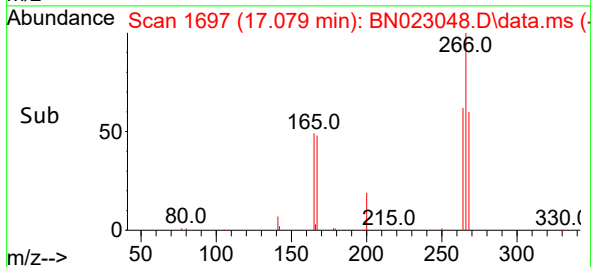
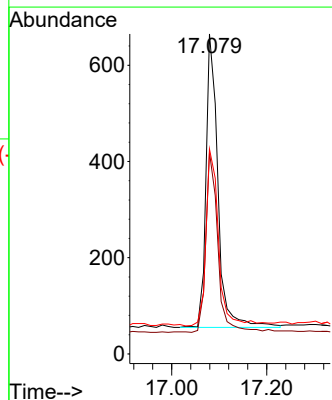
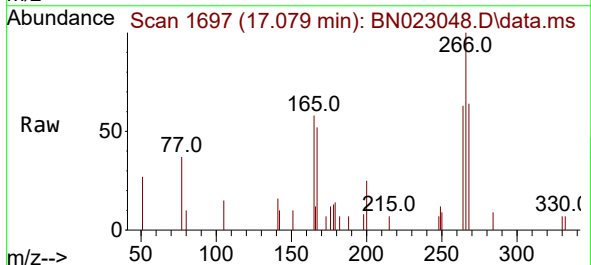
Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS

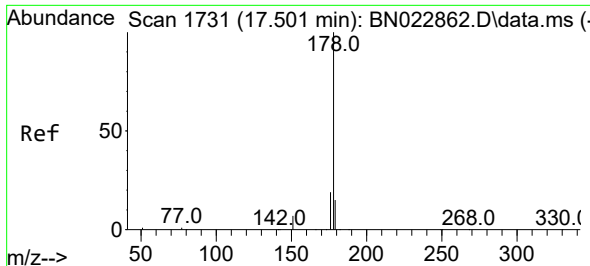
Tgt Ion:200 Resp: 2023  
Ion Ratio Lower Upper  
200 100  
173 25.6 26.4 39.6#  
215 45.5 34.4 51.6



#24  
Pentachlorophenol  
Concen: 0.352 ng  
RT: 17.079 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Tgt Ion:266 Resp: 1071  
Ion Ratio Lower Upper  
266 100  
264 60.5 50.0 75.0  
268 64.1 50.9 76.3

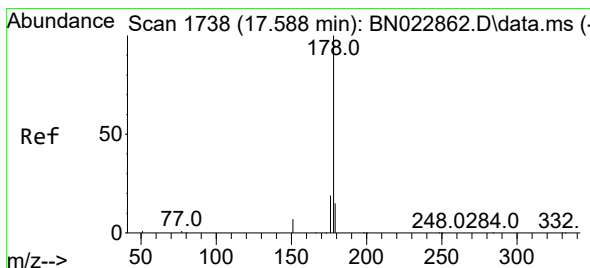
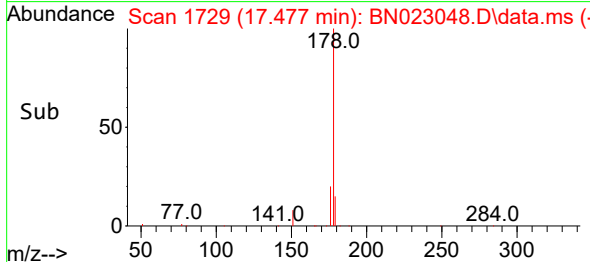
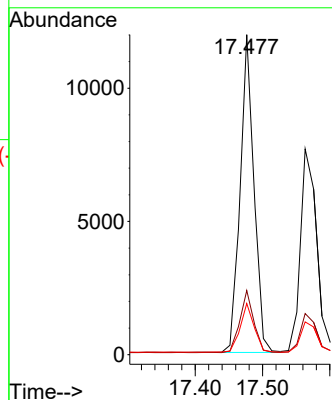
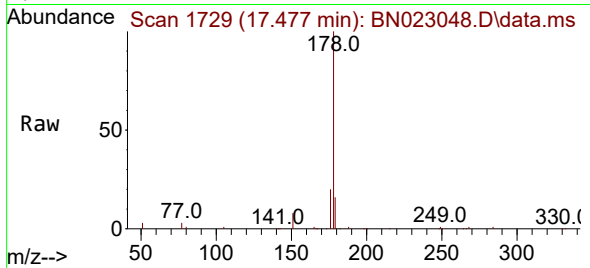




#25  
Phenanthrene  
Concen: 0.389 ng  
RT: 17.477 min Scan# 1731  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

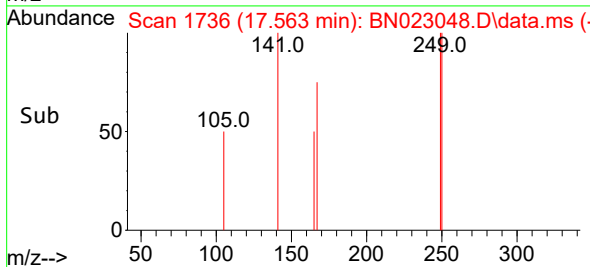
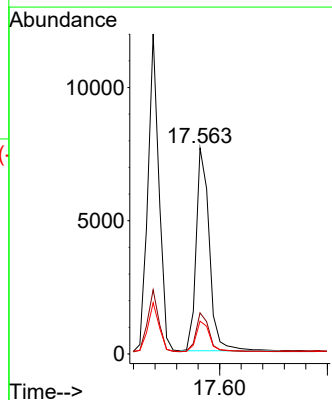
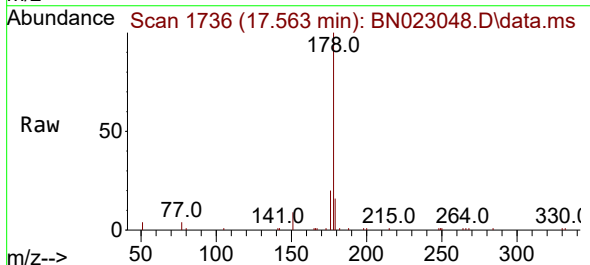
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BNA\_N  
ClientSampleId :  
PB149383BS

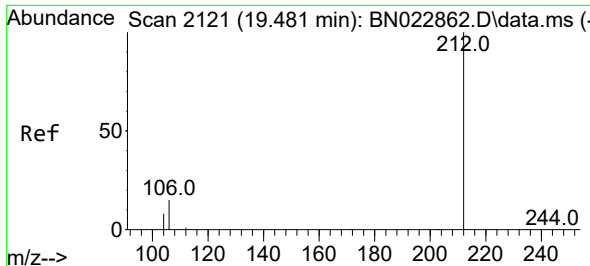
Tgt Ion:178 Resp: 17047  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.6 23.4  
179 15.5 12.2 18.2



#26  
Anthracene  
Concen: 0.341 ng  
RT: 17.563 min Scan# 1736  
Delta R.T. -0.012 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Tgt Ion:178 Resp: 12996  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.2 22.8  
179 15.5 12.2 18.2

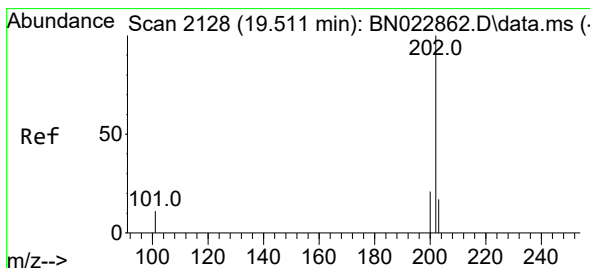
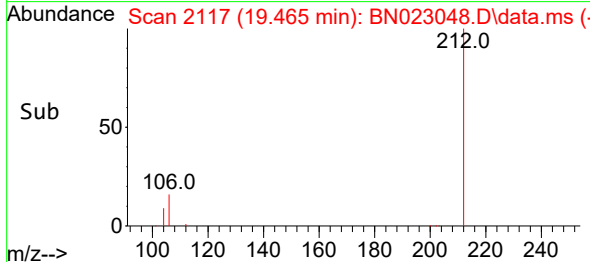
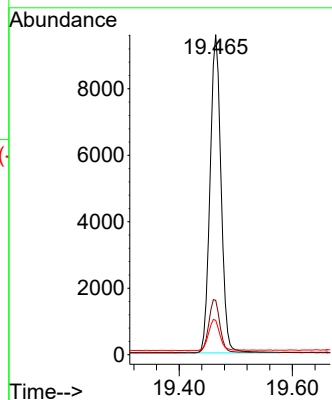
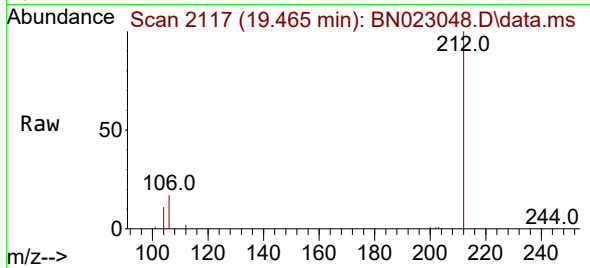




#27  
Fluoranthene-d10  
Concen: 0.375 ng  
RT: 19.465 min Scan# 2117  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

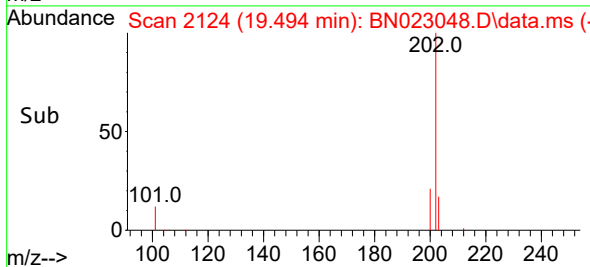
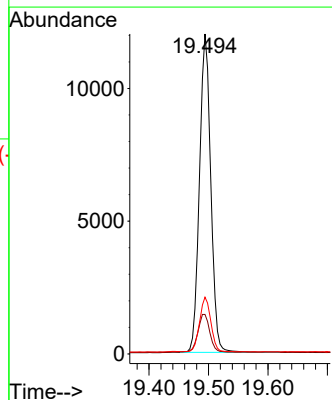
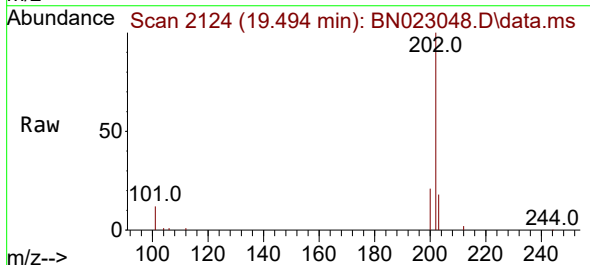
Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS

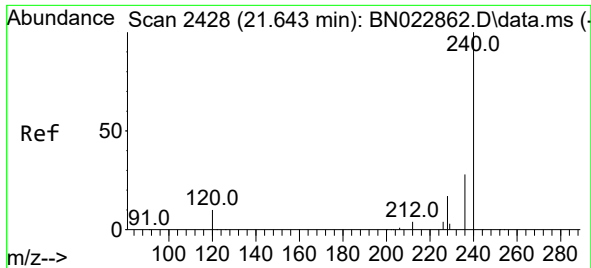
Tgt Ion:212 Resp: 12867  
Ion Ratio Lower Upper  
212 100  
106 16.8 12.3 18.5  
104 9.9 7.0 10.4



#28  
Fluoranthene  
Concen: 0.339 ng  
RT: 19.494 min Scan# 2124  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Tgt Ion:202 Resp: 15797  
Ion Ratio Lower Upper  
202 100  
101 12.7 9.3 13.9  
203 17.1 13.7 20.5

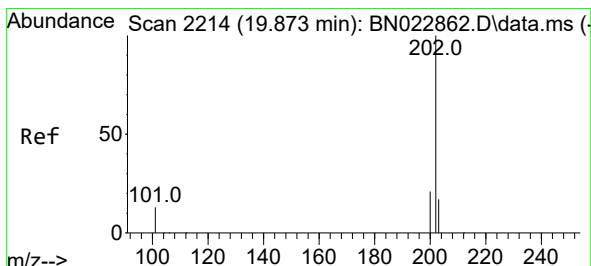
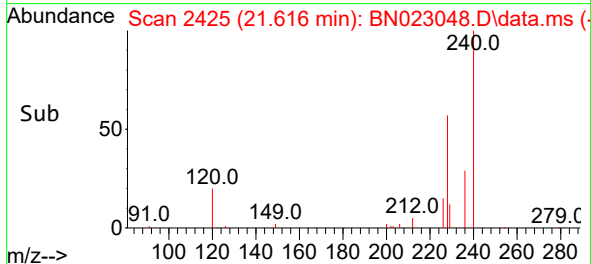
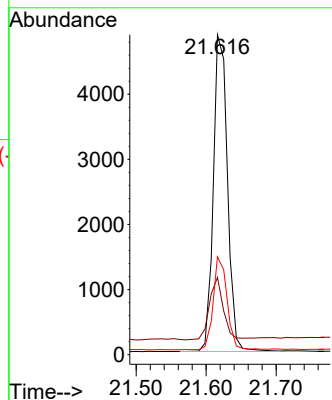
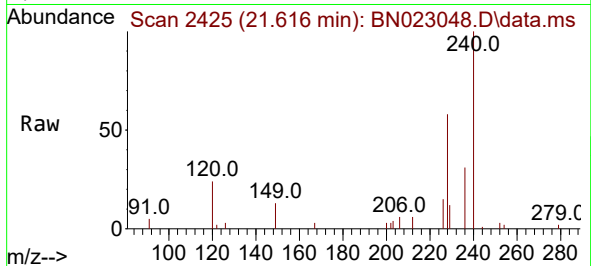




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.616 min Scan# 2425  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

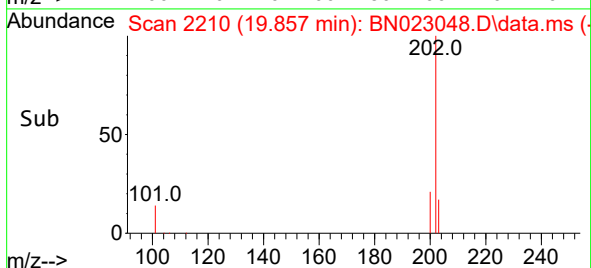
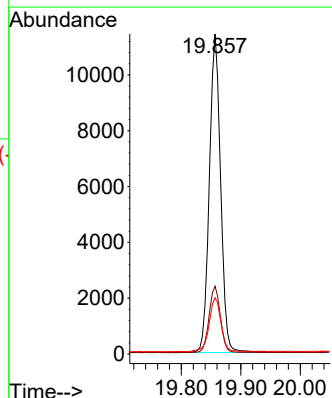
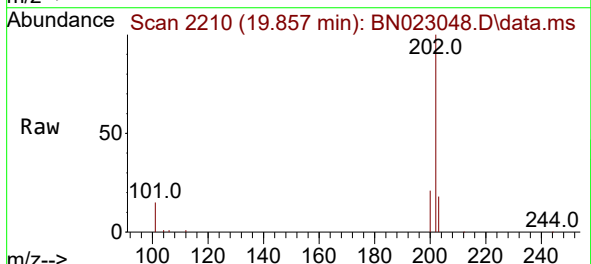
Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS

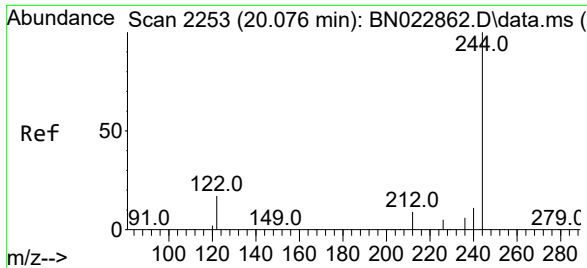
Tgt Ion:240 Resp: 6836  
Ion Ratio Lower Upper  
240 100  
120 24.2 9.2 13.8#  
236 30.6 22.6 34.0



#30  
Pyrene  
Concen: 0.421 ng  
RT: 19.857 min Scan# 2210  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Tgt Ion:202 Resp: 14999  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.0 25.4  
203 17.7 14.2 21.2

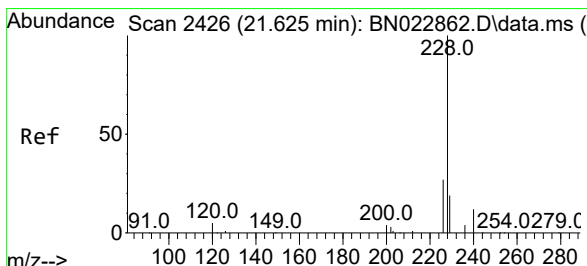
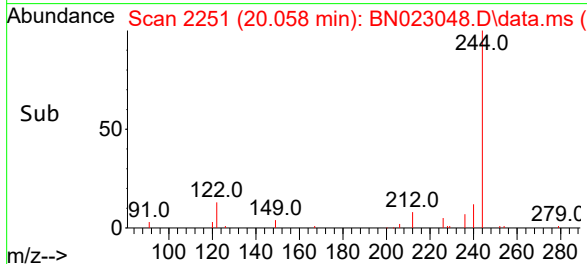
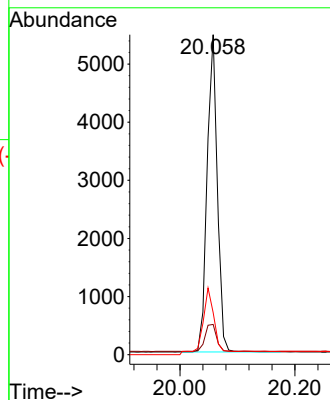
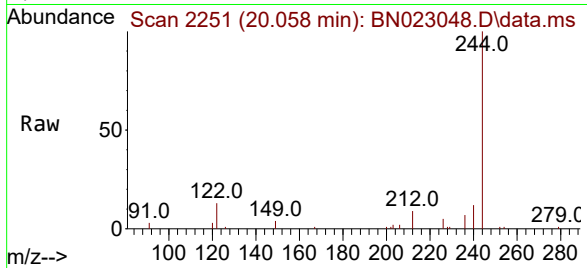




#31  
 Terphenyl-d14  
 Concen: 0.405 ng  
 RT: 20.058 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN023048.D  
 Acq: 02 Dec 2022 15:52

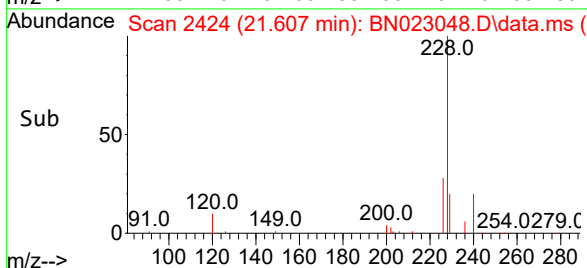
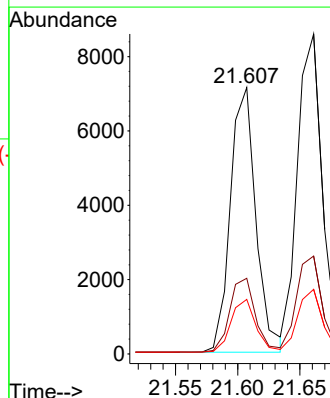
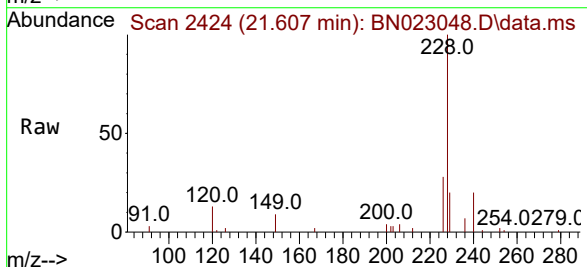
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB149383BS

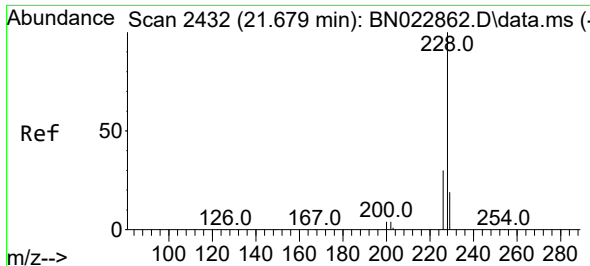
Tgt Ion:244 Resp: 6508  
 Ion Ratio Lower Upper  
 244 100  
 212 9.4 7.9 11.9  
 122 13.1 13.9 20.9#



#32  
 Benzo(a)anthracene  
 Concen: 0.368 ng  
 RT: 21.607 min Scan# 2424  
 Delta R.T. -0.000 min  
 Lab File: BN023048.D  
 Acq: 02 Dec 2022 15:52

Tgt Ion:228 Resp: 10170  
 Ion Ratio Lower Upper  
 228 100  
 226 28.4 22.1 33.1  
 229 20.5 15.8 23.6





#33

Chrysene

Concen: 0.415 ng

RT: 21.661 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BN023048.D

Acq: 02 Dec 2022 15:52

Instrument :

BNA\_N

ClientSampleId :

PB149383BS

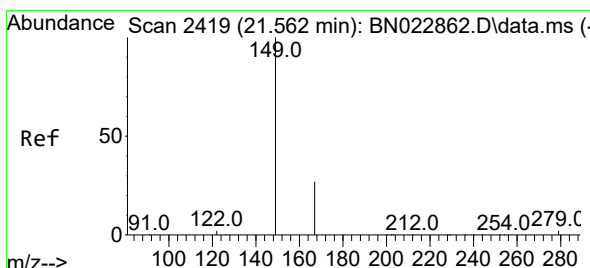
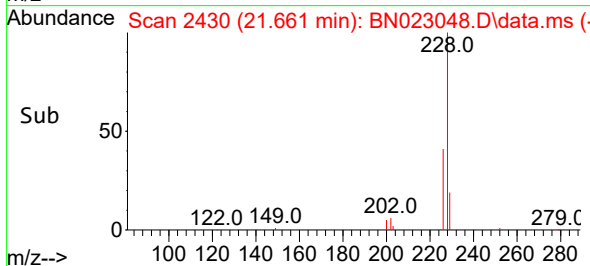
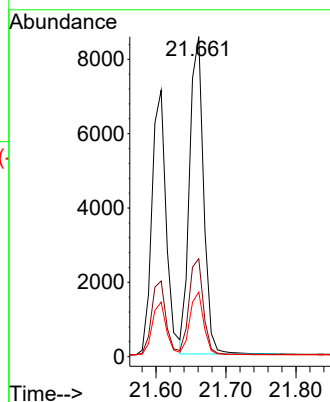
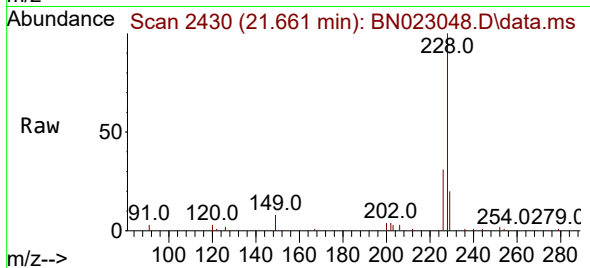
Tgt Ion:228 Resp: 11882

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 20.2 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.417 ng

RT: 21.527 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BN023048.D

Acq: 02 Dec 2022 15:52

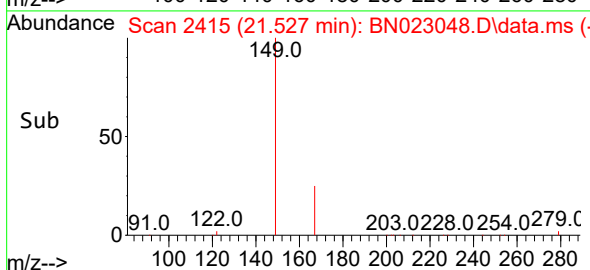
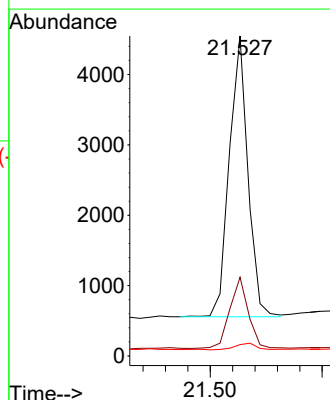
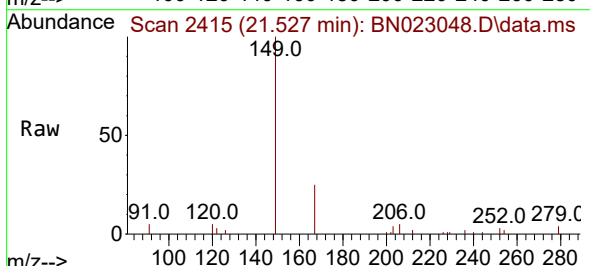
Tgt Ion:149 Resp: 4623

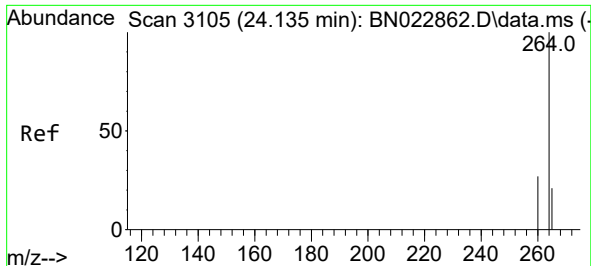
Ion Ratio Lower Upper

149 100

167 25.3 21.3 31.9

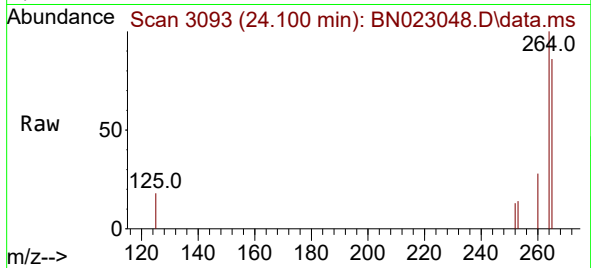
279 2.7 2.3 3.5



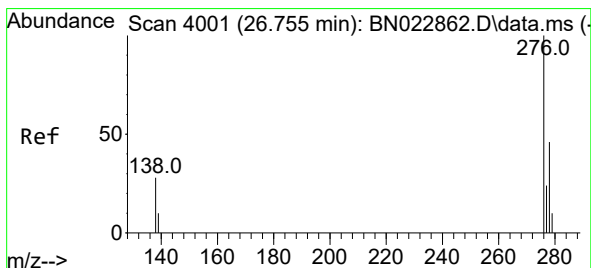
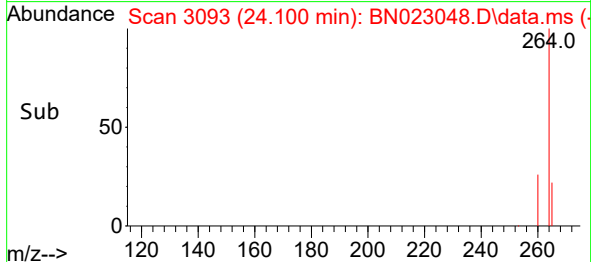
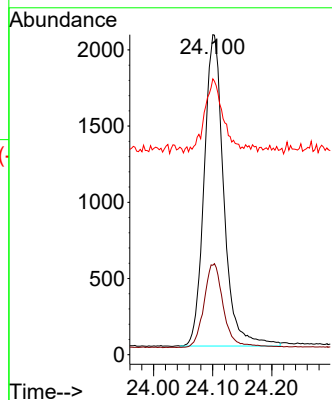


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.100 min Scan# 3093  
Delta R.T. -0.003 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS

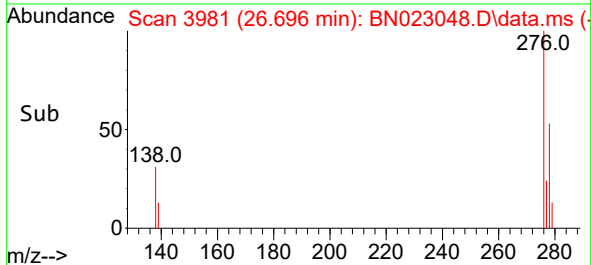
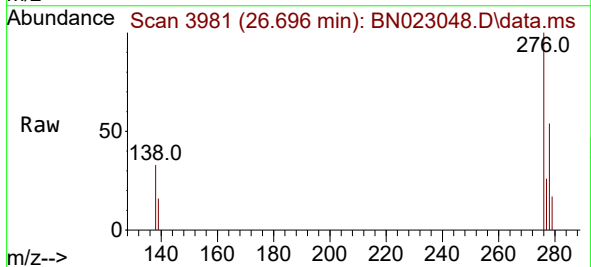
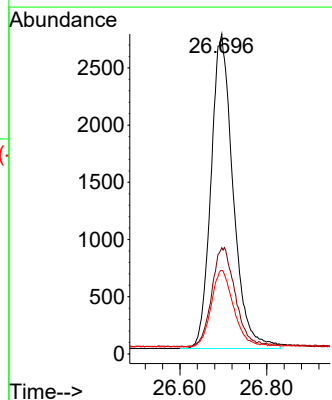


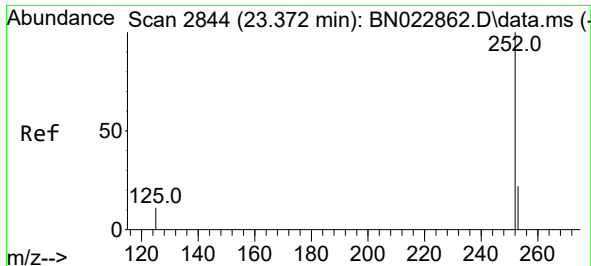
Tgt Ion:264 Resp: 4718  
Ion Ratio Lower Upper  
264 100  
260 28.0 21.7 32.5  
265 86.2 31.0 46.4#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.497 ng  
RT: 26.696 min Scan# 3981  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Tgt Ion:276 Resp: 9726  
Ion Ratio Lower Upper  
276 100  
138 33.1 24.4 36.6  
277 24.6 19.9 29.9

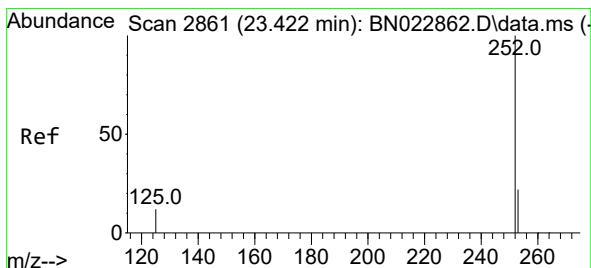
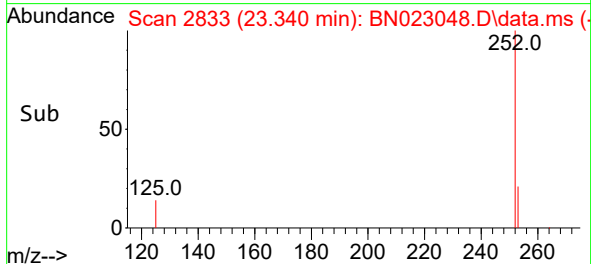
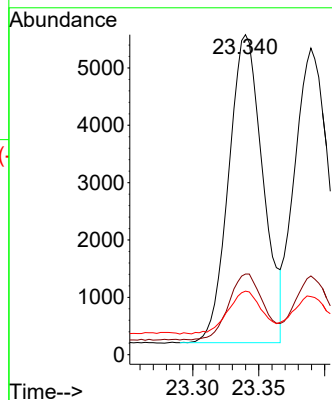
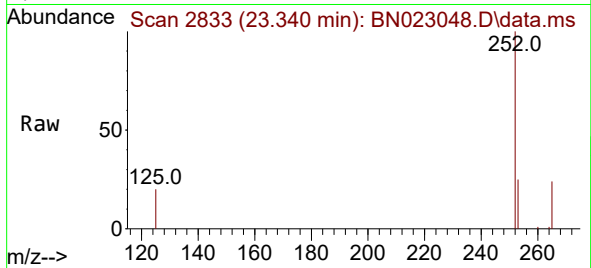




#37  
Benzo(b)fluoranthene  
Concen: 0.460 ng  
RT: 23.340 min Scan# 2833  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

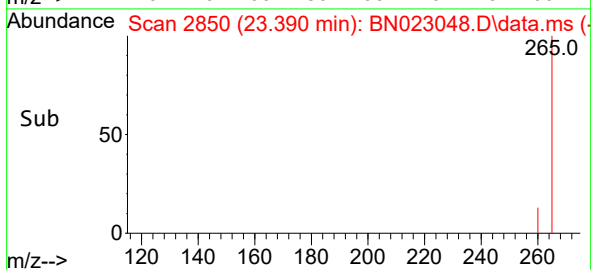
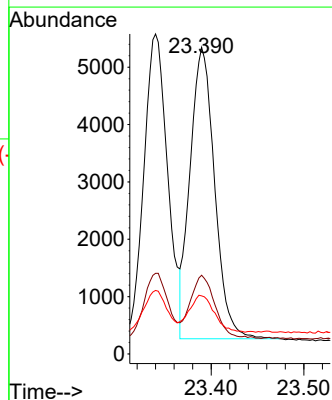
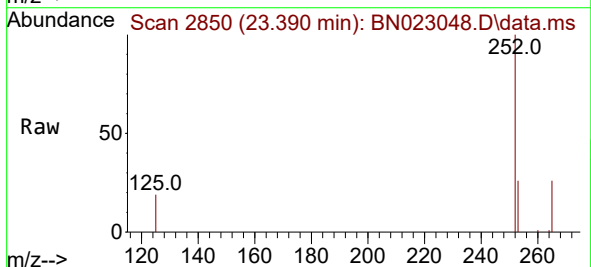
Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS

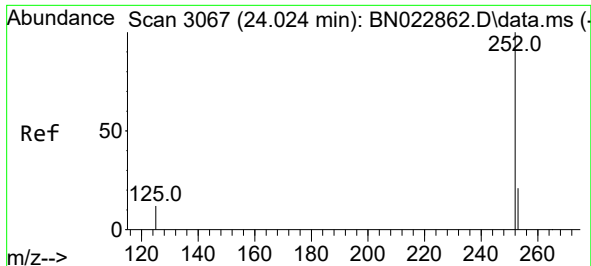
Tgt Ion:252 Resp: 9688  
Ion Ratio Lower Upper  
252 100  
253 25.2 18.5 27.7  
125 19.9 10.8 16.2#



#38  
Benzo(k)fluoranthene  
Concen: 0.411 ng  
RT: 23.390 min Scan# 2850  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Tgt Ion:252 Resp: 9366  
Ion Ratio Lower Upper  
252 100  
253 25.7 18.6 27.8  
125 19.0 11.0 16.4#





#39

Benzo(a)pyrene

Concen: 0.409 ng

RT: 23.989 min Scan# 3067

Delta R.T. -0.003 min

Lab File: BN023048.D

Acq: 02 Dec 2022 15:52

Instrument :

BNA\_N

ClientSampleId :

PB149383BS

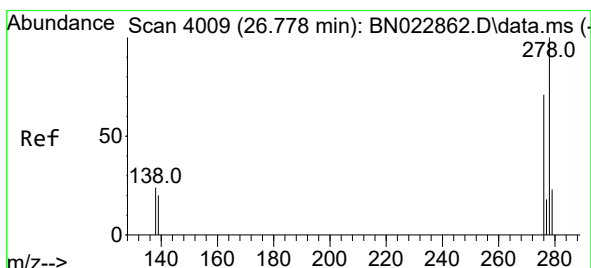
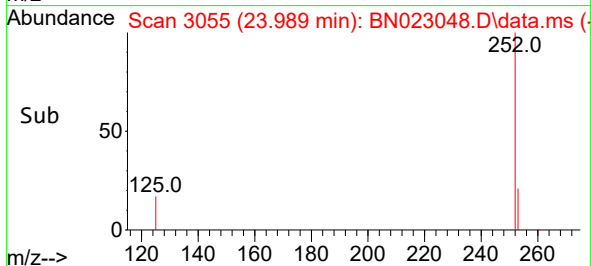
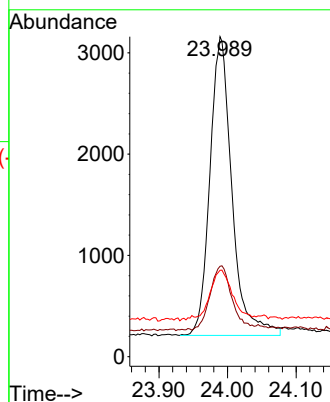
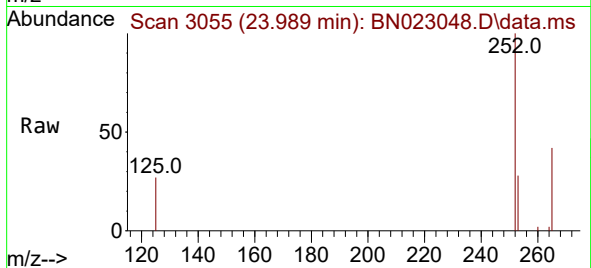
Tgt Ion:252 Resp: 6582

Ion Ratio Lower Upper

252 100

253 28.3 19.2 28.8

125 27.0 12.7 19.1#



#40

Dibenzo(a,h)anthracene

Concen: 0.493 ng

RT: 26.714 min Scan# 3987

Delta R.T. -0.003 min

Lab File: BN023048.D

Acq: 02 Dec 2022 15:52

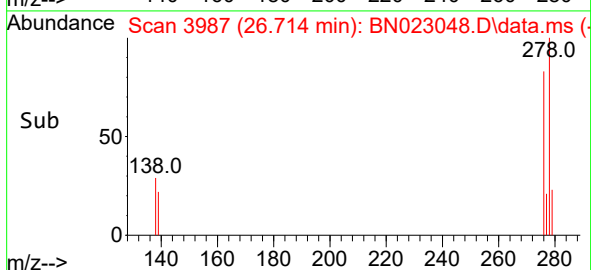
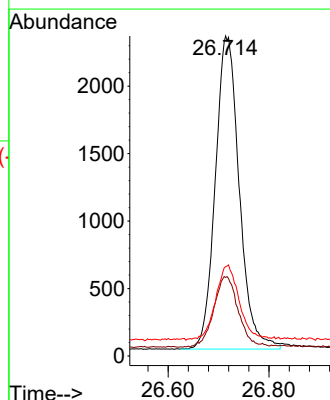
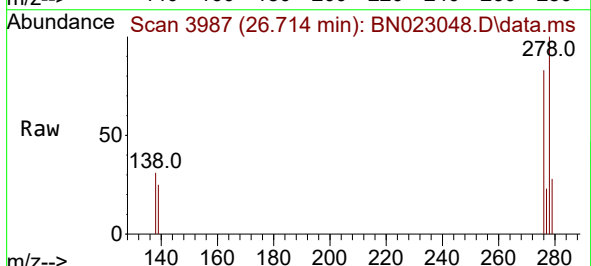
Tgt Ion:278 Resp: 7657

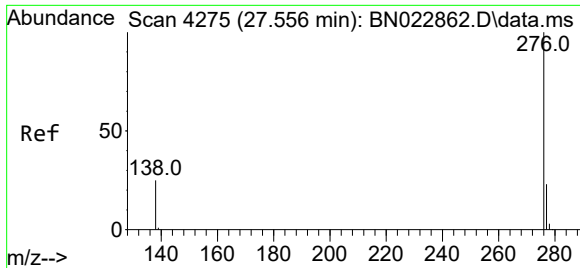
Ion Ratio Lower Upper

278 100

139 24.6 17.4 26.0

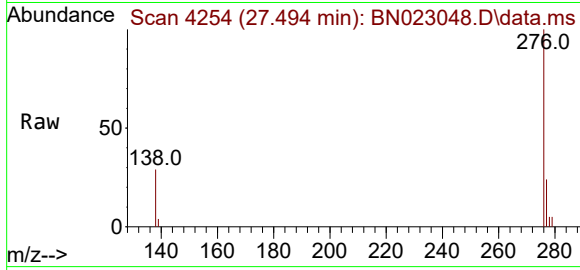
279 27.9 20.0 30.0





#41  
Benzo(g,h,i)perylene  
Concen: 0.508 ng  
RT: 27.494 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: BN023048.D  
Acq: 02 Dec 2022 15:52

Instrument :  
BNA\_N  
ClientSampleId :  
PB149383BS



Tgt Ion:276 Resp: 8512  
Ion Ratio Lower Upper  
276 100  
277 24.5 19.7 29.5  
138 29.4 21.4 32.2

